

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045070.D
 Acq On : 28 Feb 2025 02:37
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:33:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	97338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	30514	21.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	42.440%#
35) Dibromofluoromethane	5.385	113	23739	20.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.940%#
50) Toluene-d8	8.646	98	84516	19.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.940%#
62) 4-Bromofluorobenzene	11.079	95	27856	19.215	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	38.420%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25155	18.750	ug/l	95
3) Chloromethane	1.306	50	32219	19.736	ug/l	99
4) Vinyl Chloride	1.373	62	30134	18.899	ug/l	97
5) Bromomethane	1.593	94	11584	23.239	ug/l	99
6) Chloroethane	1.660	64	14237	23.457	ug/l	99
7) Trichlorofluoromethane	1.867	101	40880	20.015	ug/l	99
8) Diethyl Ether	2.135	74	15911	21.437	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	23154	18.984	ug/l	98
10) Methyl Iodide	2.440	142	29500	18.867	ug/l	100
11) Tert butyl alcohol	2.983	59	31246	118.627	ug/l	98
12) 1,1-Dichloroethene	2.306	96	23810	19.014	ug/l	97
13) Acrolein	2.239	56	33586	117.747	ug/l	99
14) Allyl chloride	2.654	41	42993	19.096	ug/l	100
15) Acrylonitrile	3.068	53	84182	117.598	ug/l	100
16) Acetone	2.385	43	74701	126.257	ug/l	99
17) Carbon Disulfide	2.501	76	61802	18.139	ug/l	99
18) Methyl Acetate	2.709	43	35157	19.729	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82833	20.689	ug/l	96
20) Methylene Chloride	2.782	84	29281	20.895	ug/l	94
21) trans-1,2-Dichloroethene	3.080	96	23471	19.057	ug/l	97
22) Diisopropyl ether	3.763	45	90378	20.995	ug/l	93
23) Vinyl Acetate	3.721	43	381808	108.038	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49826	20.716	ug/l	99
25) 2-Butanone	4.562	43	118713	124.449	ug/l	97
26) 2,2-Dichloropropane	4.470	77	22886	12.799	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	29788	20.065	ug/l	99
28) Bromochloromethane	4.891	49	23869	20.579	ug/l	99
29) Tetrahydrofuran	5.007	42	77433	122.519	ug/l	99
30) Chloroform	5.086	83	49751	21.147	ug/l	97
31) Cyclohexane	5.464	56	42340	19.181	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	39276	19.831	ug/l	99
36) 1,1-Dichloropropene	5.684	75	31519	18.903	ug/l	99
37) Ethyl Acetate	4.714	43	43097	22.714	ug/l	99
38) Carbon Tetrachloride	5.671	117	31694	19.334	ug/l	97
39) Methylcyclohexane	7.372	83	39769	18.676	ug/l	97
40) Benzene	6.031	78	105787	20.298	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	23924	23.605	ug/l	97
42) 1,2-Dichloroethane	6.086	62	38653	22.886	ug/l	99
43) Isopropyl Acetate	6.348	43	66727	22.094	ug/l	99
44) Trichloroethene	7.122	130	24052	20.191	ug/l	98
45) 1,2-Dichloropropane	7.427	63	27128	20.945	ug/l	99
46) Dibromomethane	7.580	93	19323	21.357	ug/l	97
47) Bromodichloromethane	7.817	83	38038	21.732	ug/l	97
48) Methyl methacrylate	7.695	41	32627	22.757	ug/l	98
49) 1,4-Dioxane	7.665	88	14602	479.170	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	229615	124.081	ug/l	98
52) Toluene	8.714	92	63326	20.463	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	30917	17.871	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	36118	18.675	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	26358	21.992	ug/l	99
56) Ethyl methacrylate	9.116	69	39850	20.791	ug/l	97
57) 1,3-Dichloropropane	9.305	76	45644	21.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	96311	102.342	ug/l	99
59) 2-Hexanone	9.433	43	168768	126.428	ug/l	100
60) Dibromochloromethane	9.518	129	27705	21.668	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26311	21.764	ug/l	98
64) Tetrachloroethene	9.268	164	20140	20.102	ug/l	97
65) Chlorobenzene	10.079	112	68777	20.316	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22508	20.627	ug/l	97
67) Ethyl Benzene	10.189	91	119165	19.905	ug/l	100
68) m/p-Xylenes	10.299	106	89735	40.699	ug/l	98
69) o-Xylene	10.640	106	44281	20.018	ug/l	98
70) Styrene	10.652	104	73832	20.767	ug/l	98
71) Bromoform	10.799	173	17403	21.449	ug/l #	99
73) Isopropylbenzene	10.963	105	112099	19.794	ug/l	99
74) N-amyl acetate	10.841	43	52972	20.606	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	42413	21.738	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	33440m	21.394	ug/l	
77) Bromobenzene	11.195	156	26310	20.466	ug/l	99
78) n-propylbenzene	11.305	91	128284	19.641	ug/l	100
79) 2-Chlorotoluene	11.359	91	79275	19.775	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	94545	20.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8759	15.196	ug/l	96
82) 4-Chlorotoluene	11.451	91	86281	19.443	ug/l	98
83) tert-Butylbenzene	11.713	119	93670	20.159	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94734	20.943	ug/l	100
85) sec-Butylbenzene	11.890	105	115953	20.160	ug/l	100
86) p-Isopropyltoluene	12.006	119	91554	19.827	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47934	20.400	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	46657	19.615	ug/l	99
89) n-Butylbenzene	12.329	91	78135	19.249	ug/l	100
90) Hexachloroethane	12.536	117	15919	18.483	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	48632	21.031	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7987	22.119	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	27424	19.617	ug/l	99
94) Hexachlorobutadiene	13.725	225	10934	19.616	ug/l	99
95) Naphthalene	13.774	128	108350	21.279	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28937	20.432	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

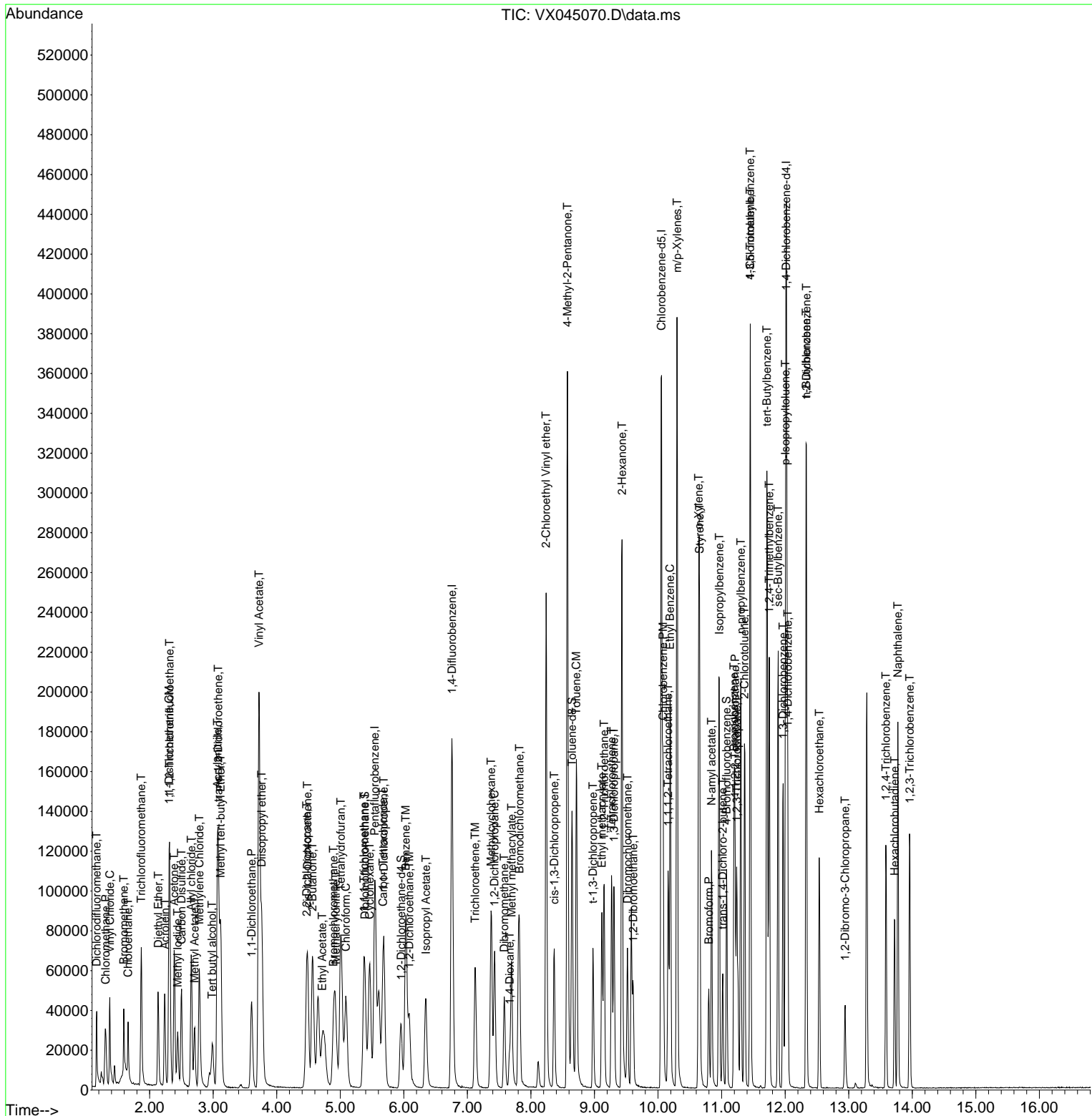
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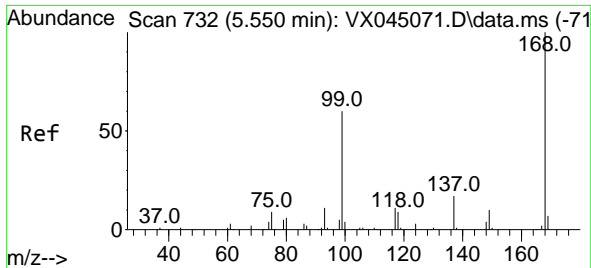
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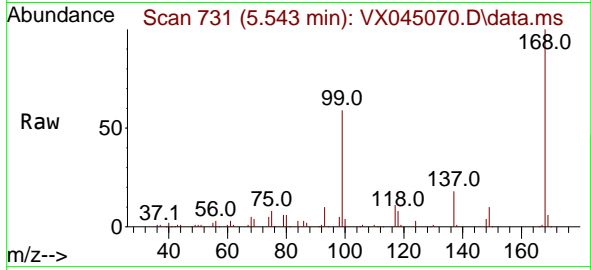
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#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.543 min Scan# 71
 Delta R.T. -0.007 min
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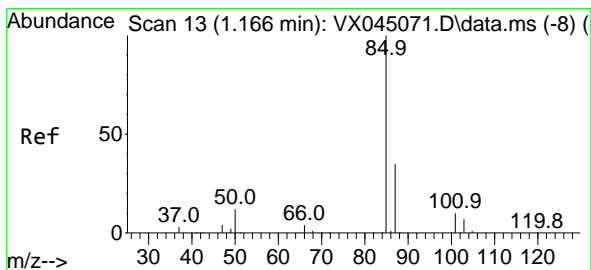
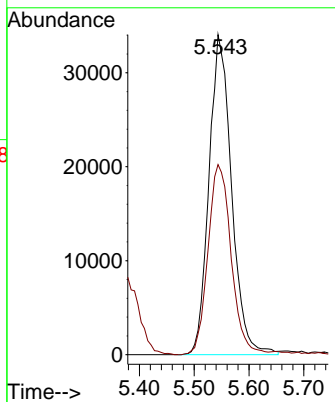
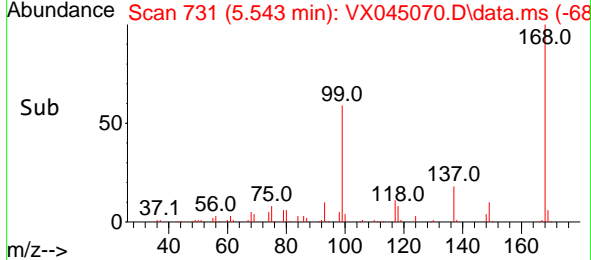
Instrument : MSVOA_X
 Client Sample Id : VSTDIC020



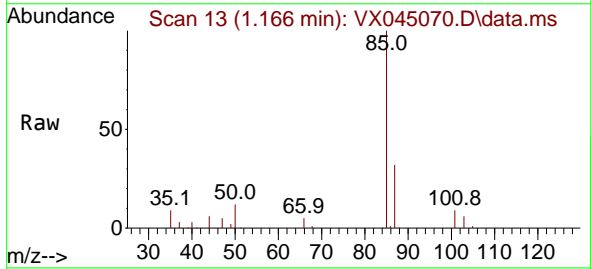
Tgt Ion: 168 Resp: 97338
 Ion Ratio Lower Upper
 168 100
 99 59.4 48.2 72.4

Manual Integrations
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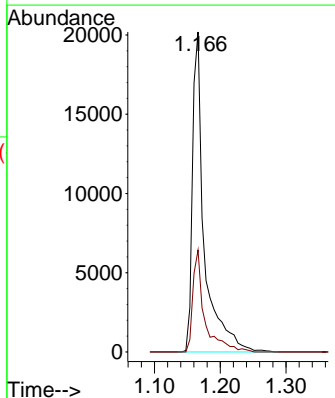
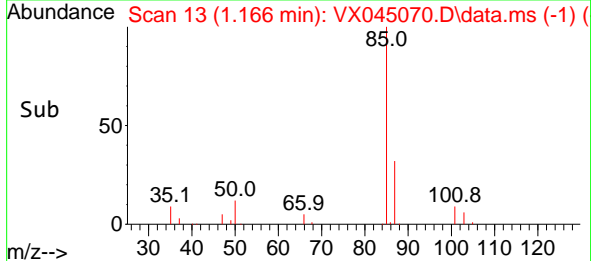
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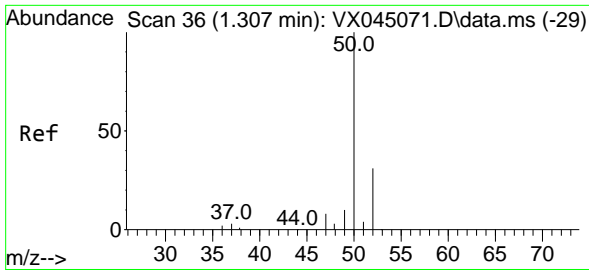


#2
 Dichlorodifluoromethane
 Concen: 18.750 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



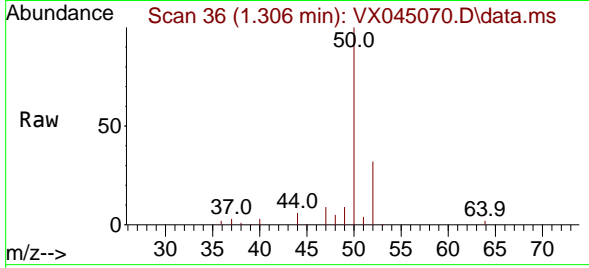
Tgt Ion: 85 Resp: 25155
 Ion Ratio Lower Upper
 85 100
 87 31.9 17.4 52.3





#3
 Chloromethane
 Concen: 19.736 ug/l
 RT: 1.306 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VX045070.D
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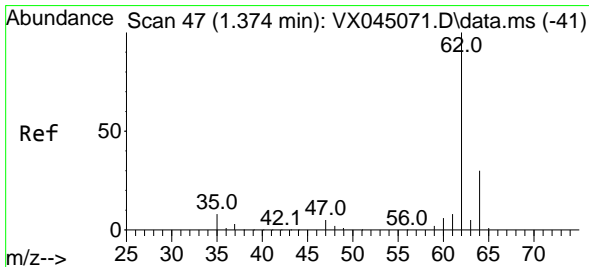
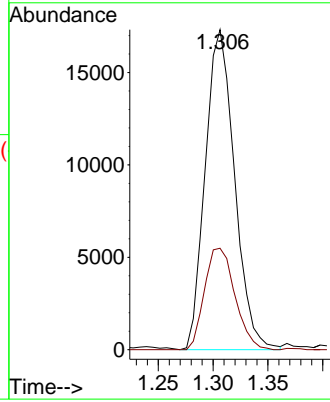
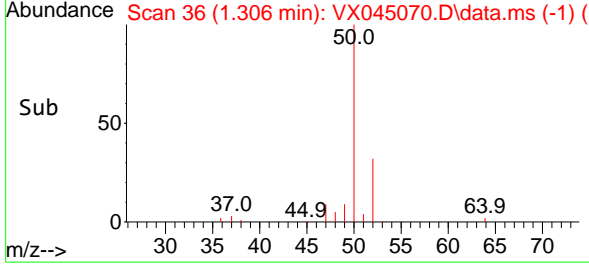
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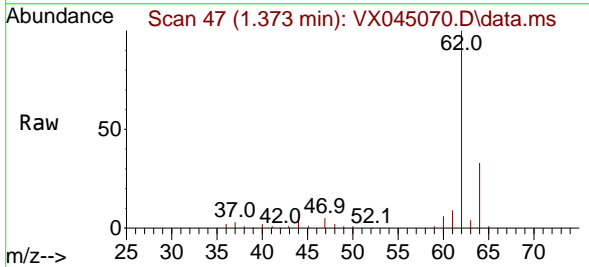
Tgt Ion: 50 Resp: 32219
 Ion Ratio Lower Upper
 50 100
 52 31.7 25.0 37.4

Manual Integrations
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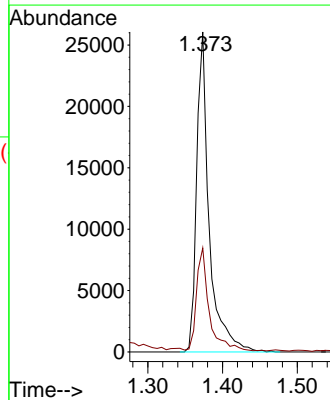
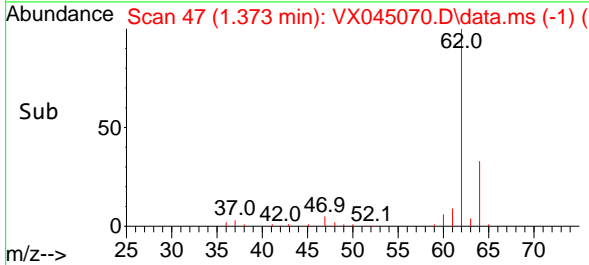
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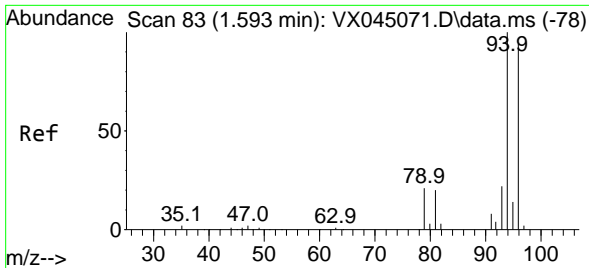


#4
 Vinyl Chloride
 Concen: 18.899 ug/l
 RT: 1.373 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



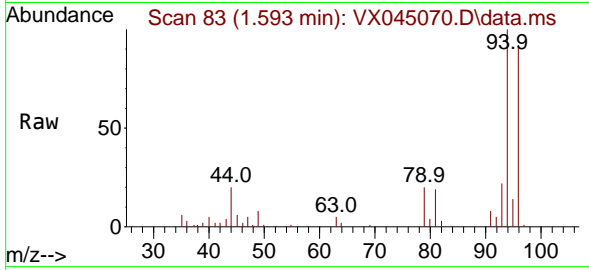
Tgt Ion: 62 Resp: 30134
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.3 36.5





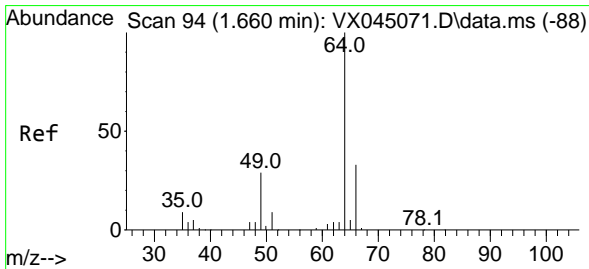
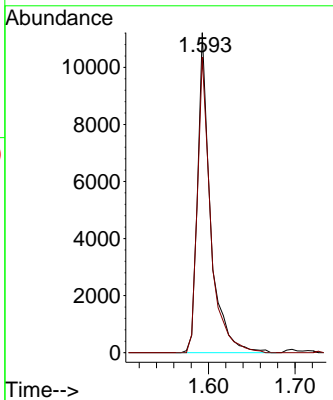
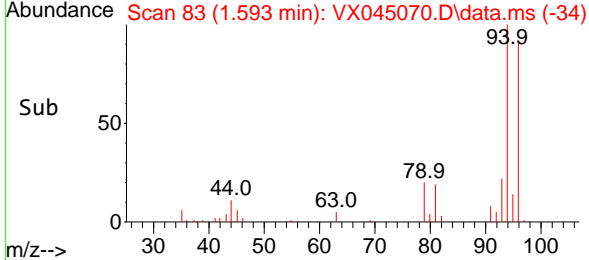
#5
 Bromomethane
 Concen: 23.239 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. -0.000 min
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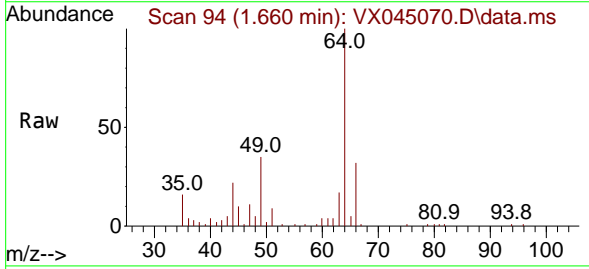


Tgt Ion: 94 Resp: 11584
 Ion Ratio Lower Upper
 94 100
 96 92.4 75.0 112.4

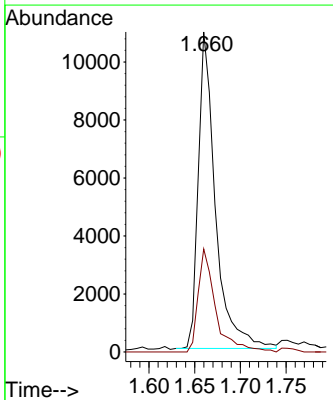
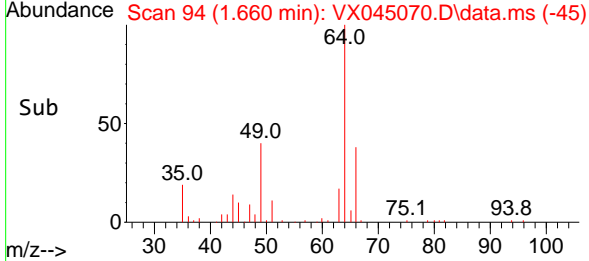
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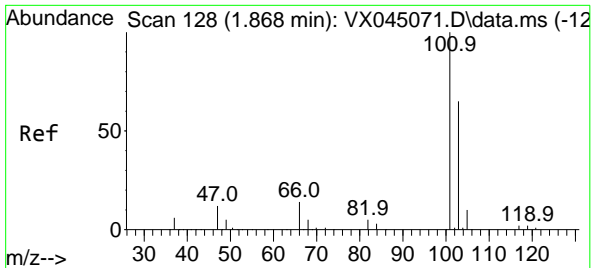


#6
 Chloroethane
 Concen: 23.457 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VX045070.D
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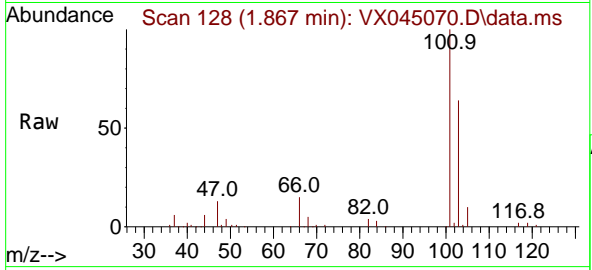
Tgt Ion: 64 Resp: 14237
 Ion Ratio Lower Upper
 64 100
 66 32.6 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 20.015 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045070.D
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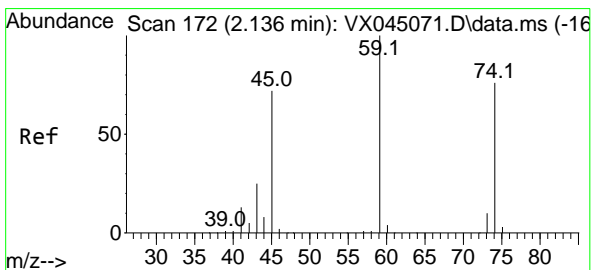
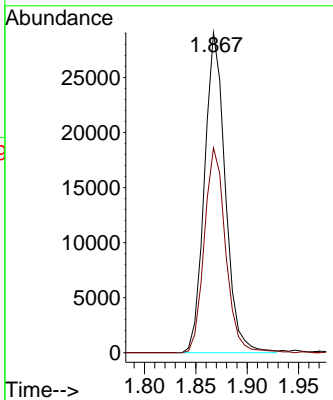
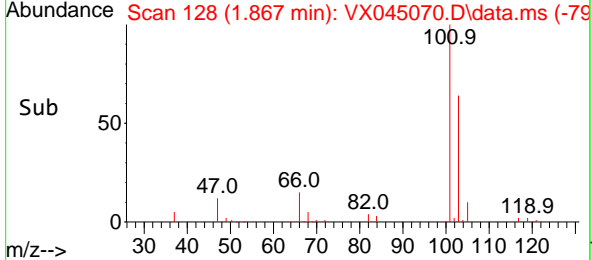
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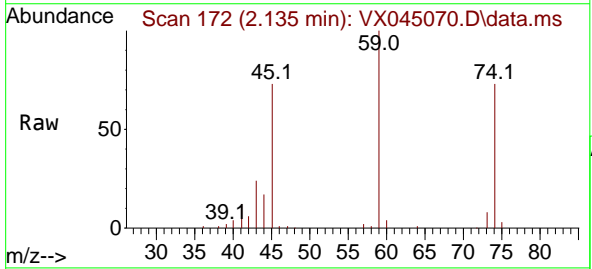
Tgt Ion: 101 Resp: 40880
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.1 78.1

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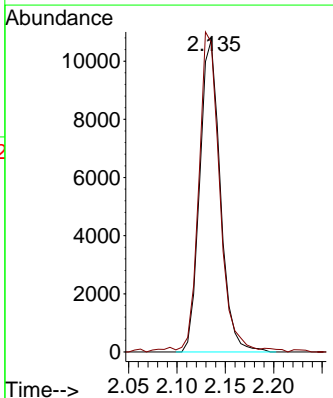
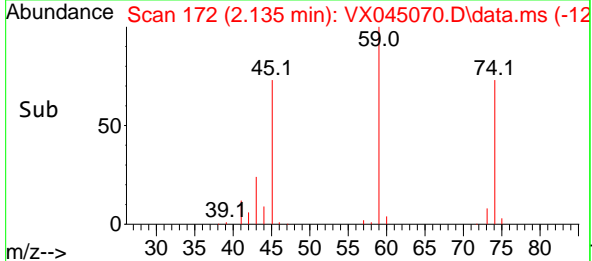
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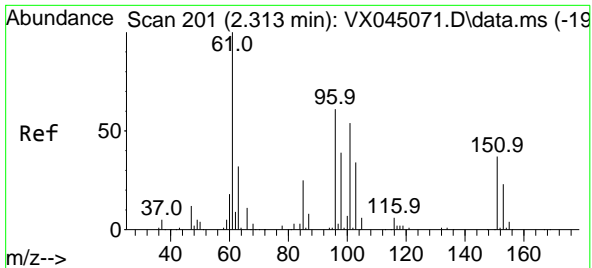


#8
 Diethyl Ether
 Concen: 21.437 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. -0.000 min
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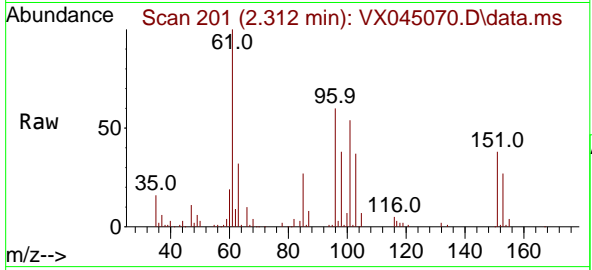
Tgt Ion: 74 Resp: 15911
 Ion Ratio Lower Upper
 74 100
 45 105.3 51.5 154.5





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.984 ug/l
 RT: 2.312 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument : MSVOA_X
 Client Sample Id : VSTDIC020

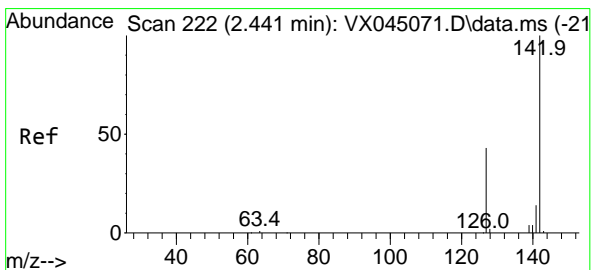
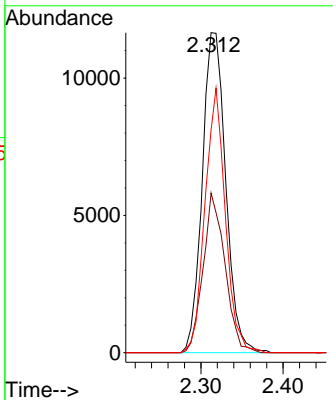
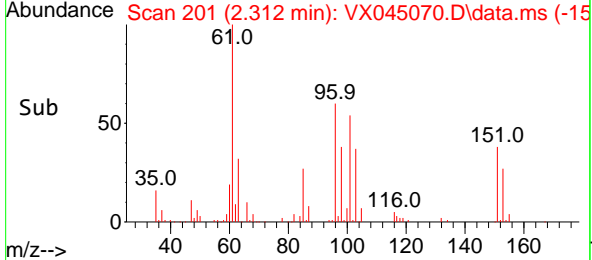


Tgt Ion: 101 Resp: 23154

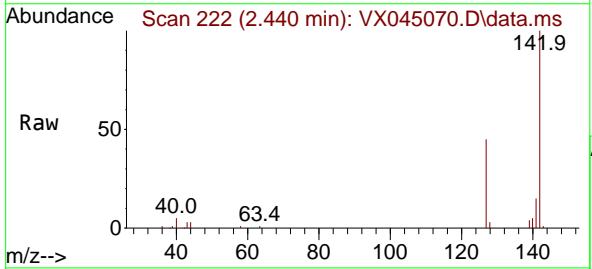
Ion	Ratio	Lower	Upper
101	100		
85	46.5	36.2	54.4
151	71.8	56.4	84.6

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

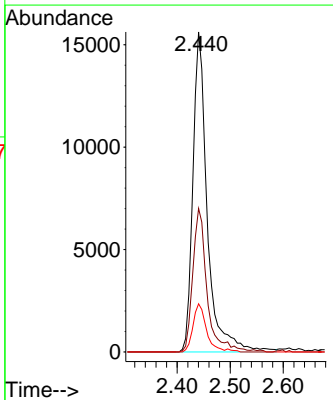
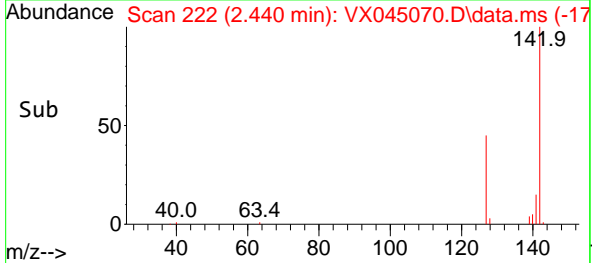


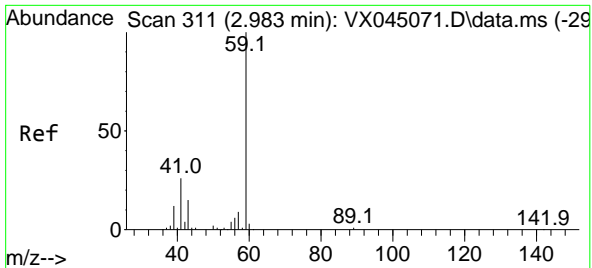
#10
 Methyl Iodide
 Concen: 18.867 ug/l
 RT: 2.440 min Scan# 222
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 142 Resp: 29500

Ion	Ratio	Lower	Upper
142	100		
127	44.2	35.4	53.2
141	14.3	11.6	17.4





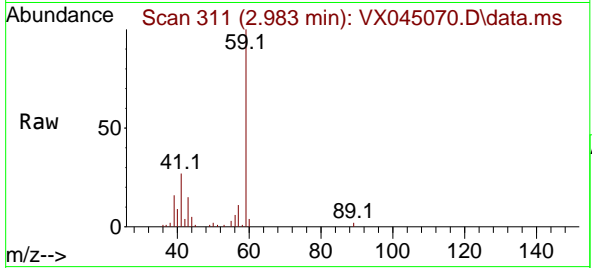
#11
 Tert butyl alcohol
 Concen: 118.627 ug/l
 RT: 2.983 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020



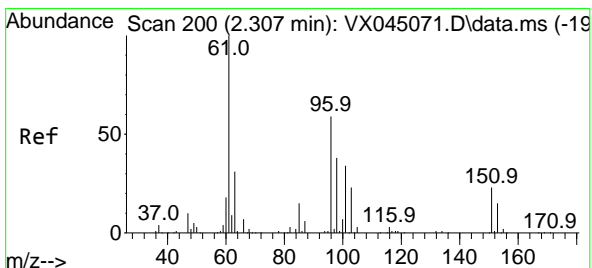
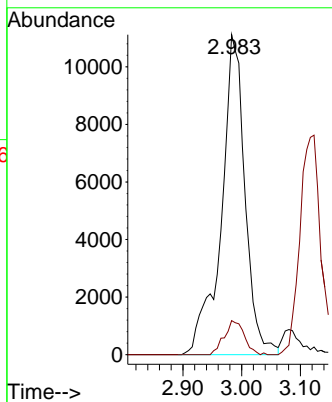
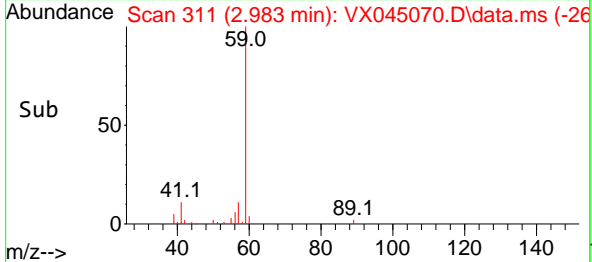
Tgt Ion: 59 Resp: 31240
 Ion Ratio Lower Upper
 59 100
 57 8.9 7.8 11.8

Manual Integrations

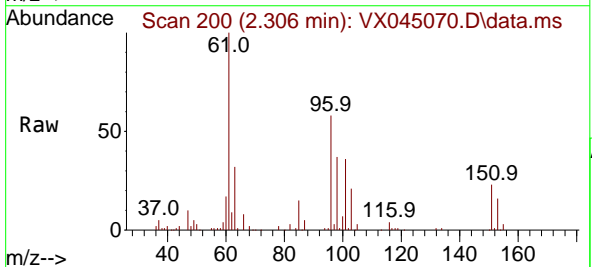
APPROVED

Reviewed By :John Carlone 02/28/2025

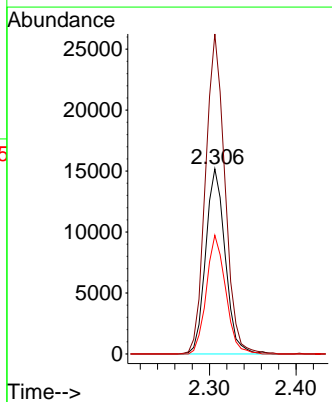
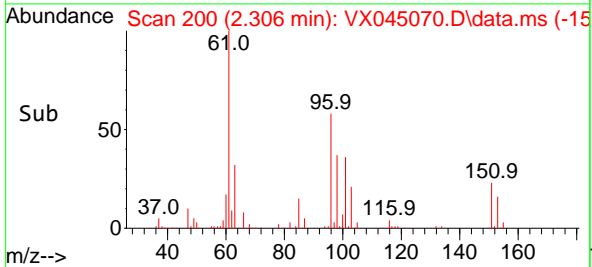
Supervised By :Mahesh Dadoda 02/28/2025

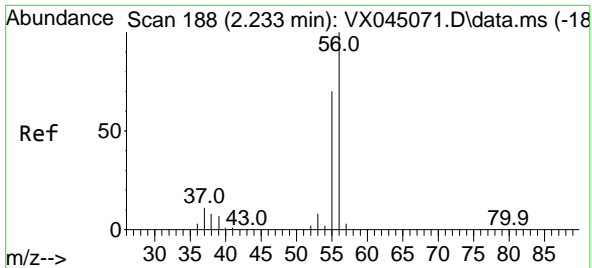


#12
 1,1-Dichloroethene
 Concen: 19.014 ug/l
 RT: 2.306 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



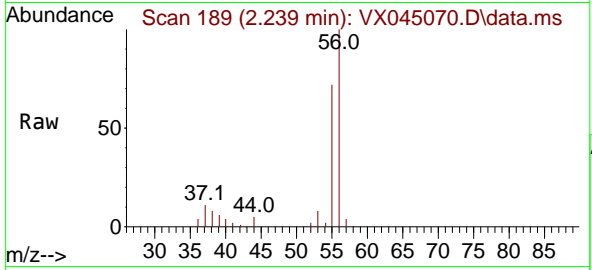
Tgt Ion: 96 Resp: 23810
 Ion Ratio Lower Upper
 96 100
 61 172.8 134.6 202.0
 98 64.1 51.0 76.6





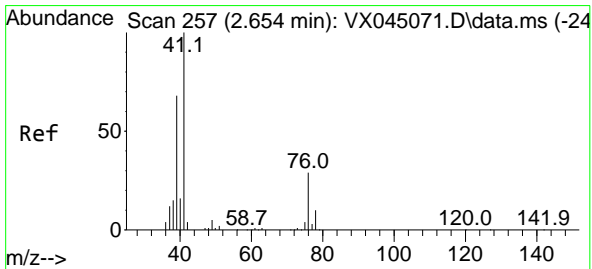
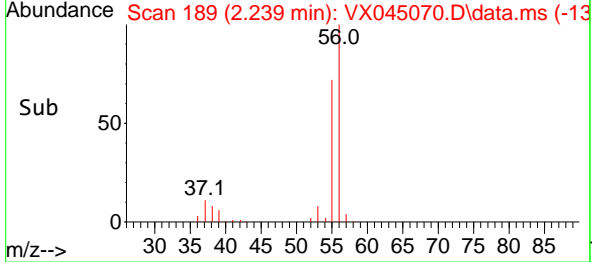
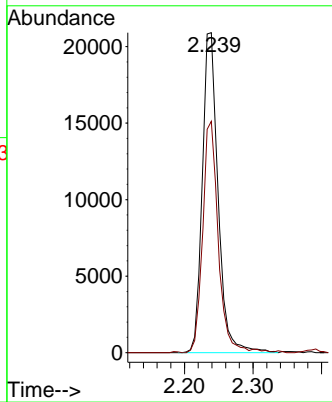
#13
 Acrolein
 Concen: 117.747 ug/l
 RT: 2.239 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument : MSVOA_X
 Client Sample Id : VSTDIC020



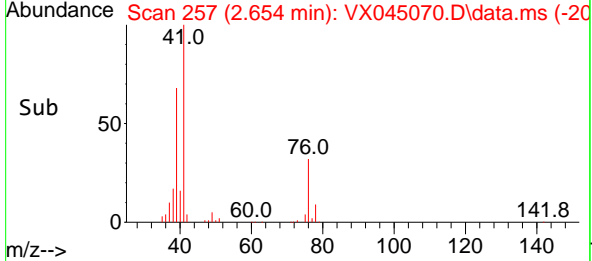
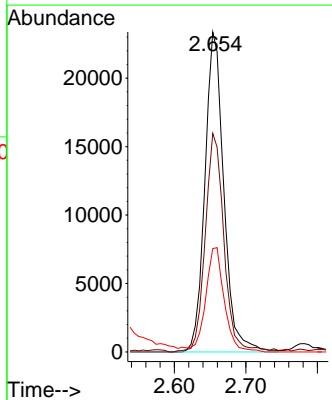
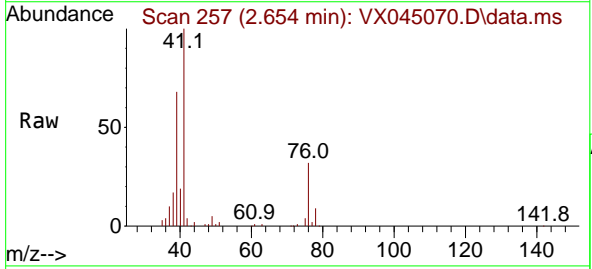
Tgt Ion: 56 Resp: 33580
 Ion Ratio Lower Upper
 56 100
 55 71.4 56.2 84.4

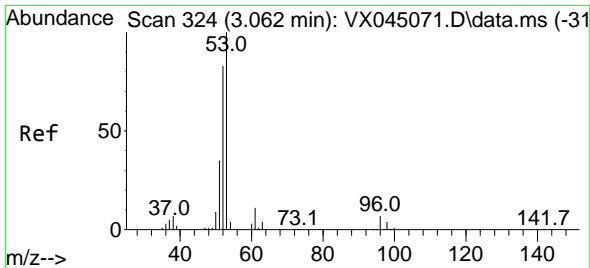
Manual Integrations
APPROVED
 Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#14
 Allyl chloride
 Concen: 19.096 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Tgt Ion: 41 Resp: 42993
 Ion Ratio Lower Upper
 41 100
 39 67.4 53.8 80.8
 76 32.1 25.2 37.8





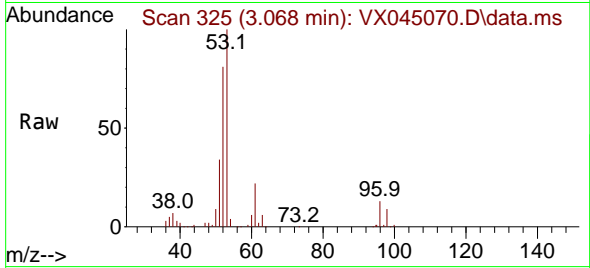
#15
 Acrylonitrile
 Concen: 117.598 ug/l
 RT: 3.068 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

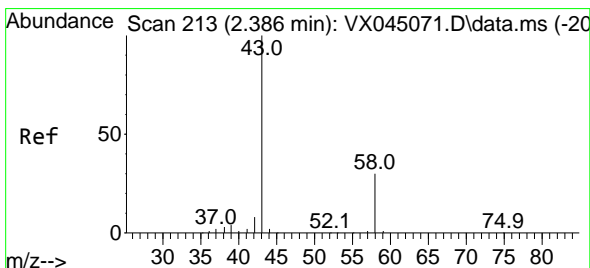
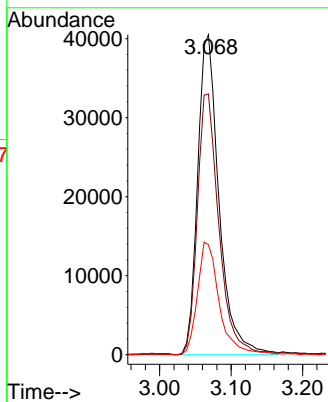
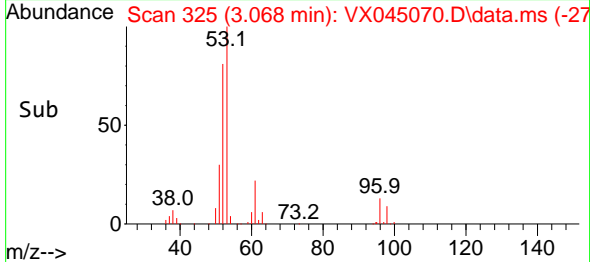


Tgt Ion: 53 Resp: 8418
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.2 99.2
 51 36.0 29.0 43.4

Manual Integrations

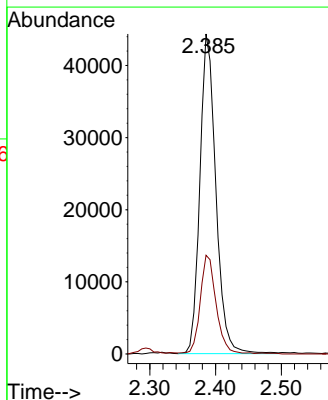
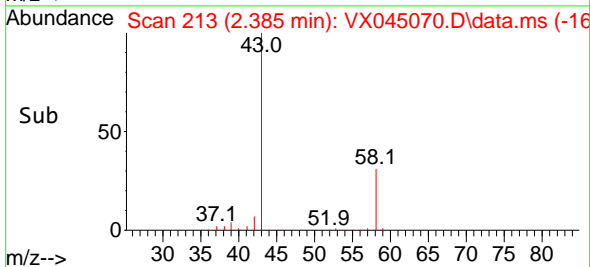
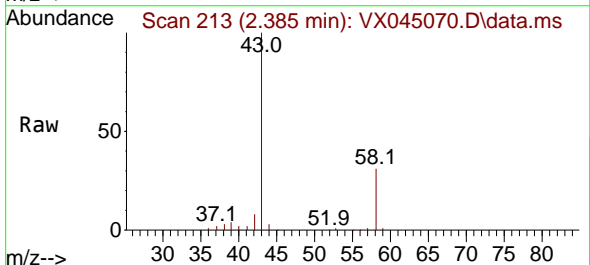
APPROVED

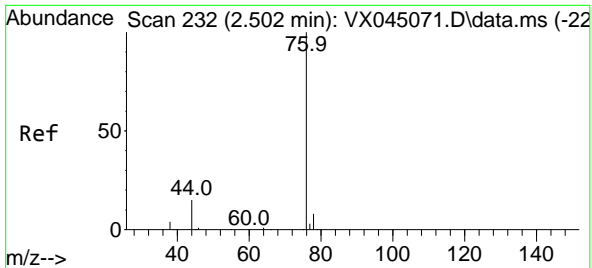
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#16
 Acetone
 Concen: 126.257 ug/l
 RT: 2.385 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

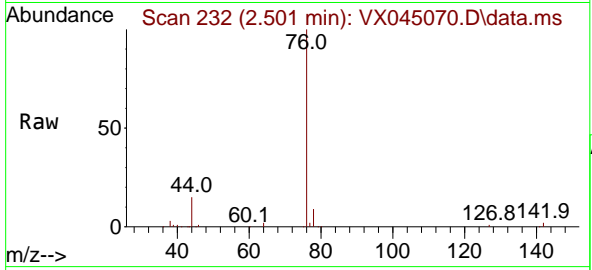
Tgt Ion: 43 Resp: 74701
 Ion Ratio Lower Upper
 43 100
 58 30.7 24.2 36.4





#17
 Carbon Disulfide
 Concen: 18.139 ug/l
 RT: 2.501 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

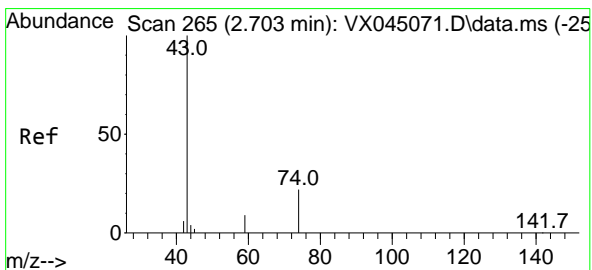
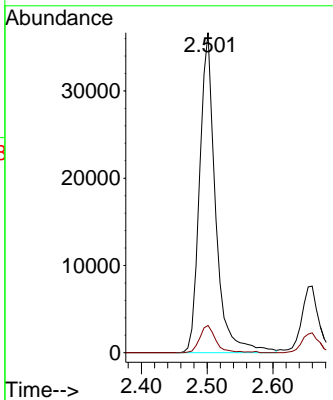
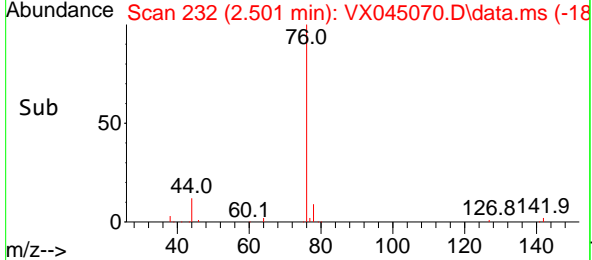
Instrument : MSVOA_X
 Client Sample Id : VSTDIC020



Tgt Ion: 76 Resp: 6180
 Ion Ratio Lower Upper
 76 100
 78 8.5 6.6 9.8

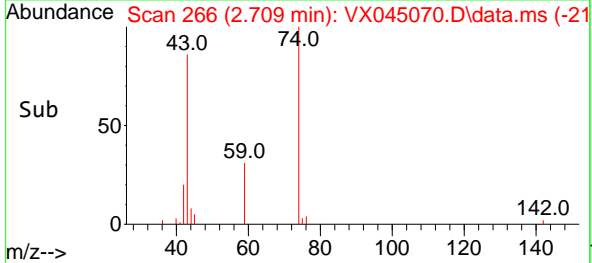
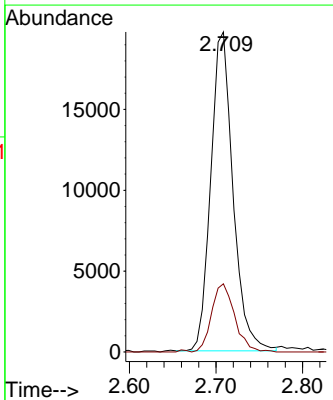
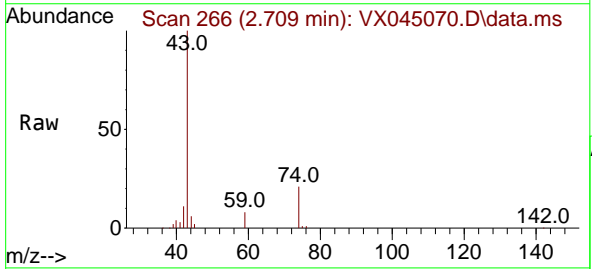
Manual Integrations
APPROVED

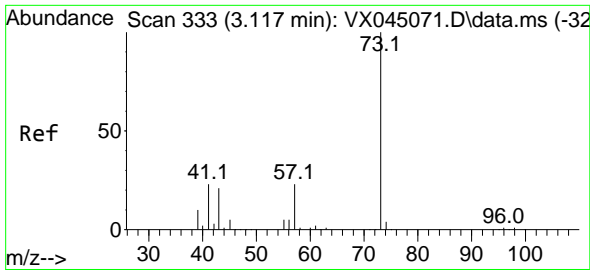
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#18
 Methyl Acetate
 Concen: 19.729 ug/l
 RT: 2.709 min Scan# 266
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Tgt Ion: 43 Resp: 35157
 Ion Ratio Lower Upper
 43 100
 74 22.2 17.4 26.2





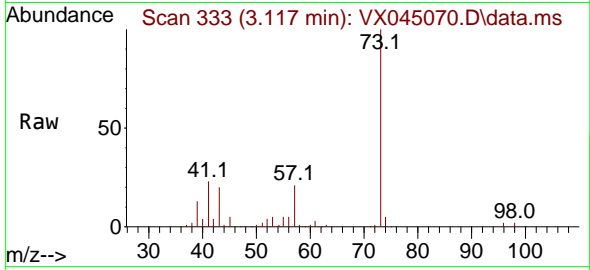
#19
 Methyl tert-butyl Ether
 Concen: 20.689 ug/l
 RT: 3.117 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

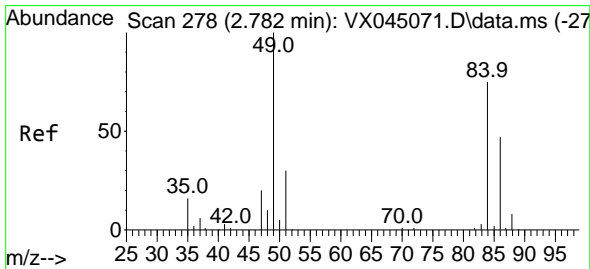
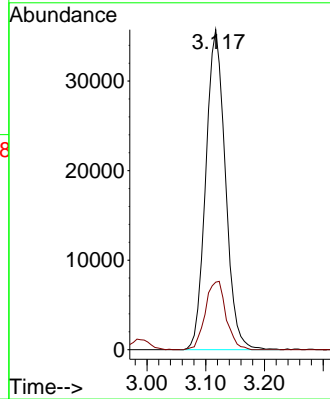
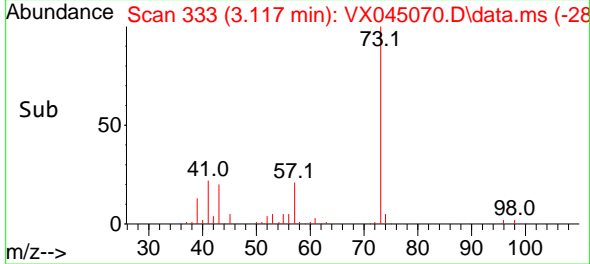


Tgt Ion: 73 Resp: 8283
 Ion Ratio Lower Upper
 73 100
 57 21.1 18.5 27.7

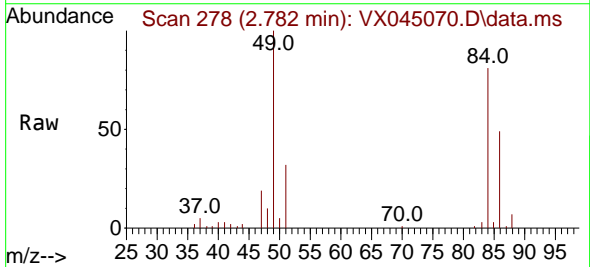
Manual Integrations

APPROVED

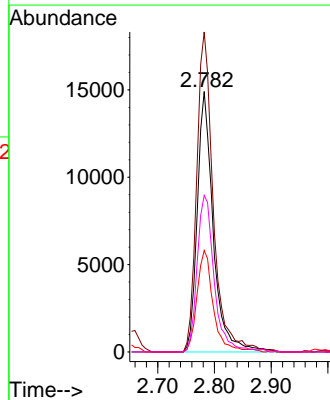
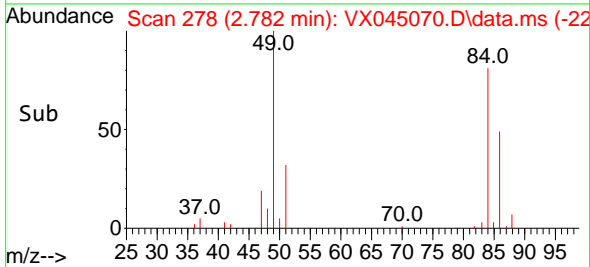
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

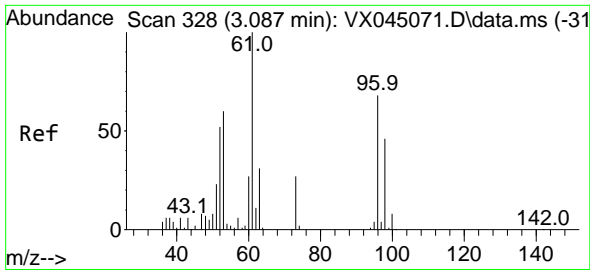


#20
 Methylene Chloride
 Concen: 20.895 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



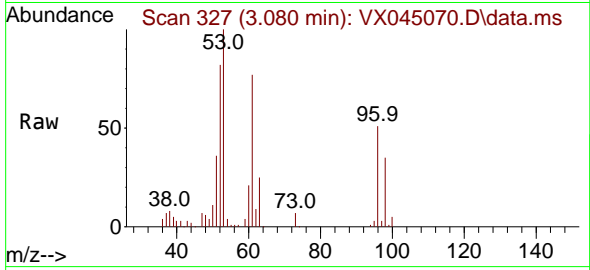
Tgt Ion: 84 Resp: 29281
 Ion Ratio Lower Upper
 84 100
 49 122.9 106.5 159.7
 51 38.9 32.1 48.1
 86 60.1 50.0 75.0





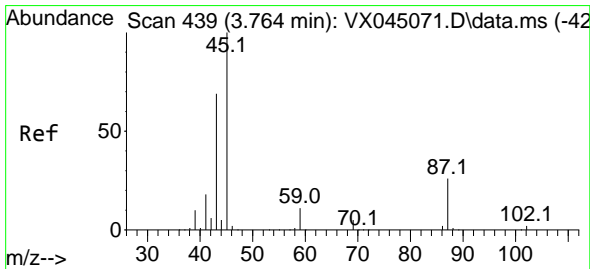
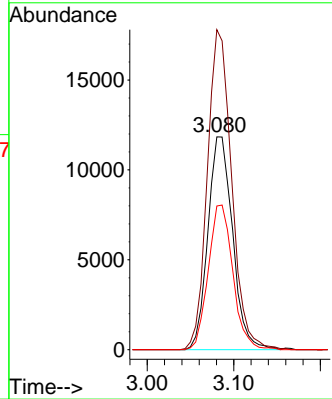
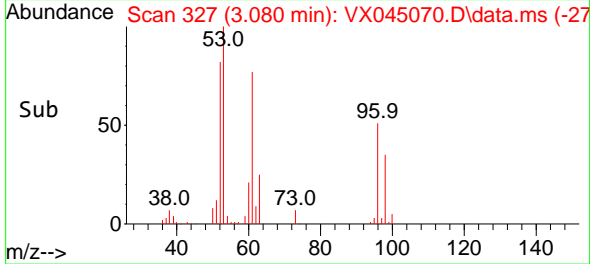
#21
 trans-1,2-Dichloroethene
 Concen: 19.057 ug/l
 RT: 3.080 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument : MSVOA_X
 Client Sample Id : VSTDIC020

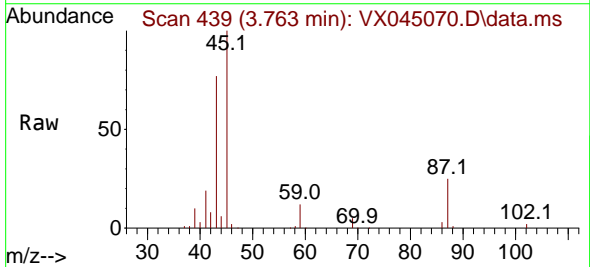


Tgt Ion: 96 Resp: 2347
 Ion Ratio Lower Upper
 96 100
 61 150.3 117.0 175.4
 98 67.5 53.4 80.2

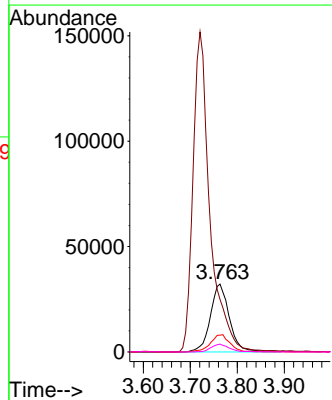
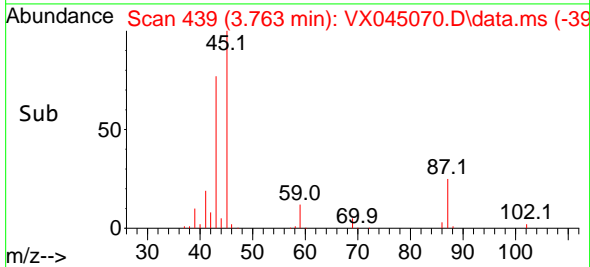
Manual Integrations
APPROVED
 Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

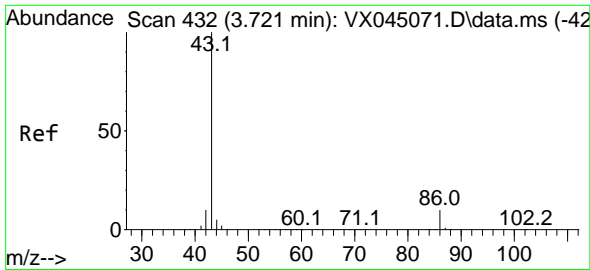


#22
 Diisopropyl ether
 Concen: 20.995 ug/l
 RT: 3.763 min Scan# 439
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



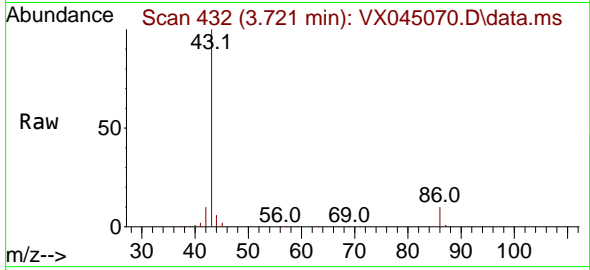
Tgt Ion: 45 Resp: 90378
 Ion Ratio Lower Upper
 45 100
 43 76.4 54.9 82.3
 87 24.7 21.0 31.4
 59 11.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 108.038 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

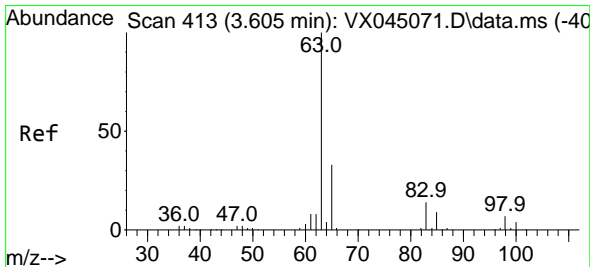
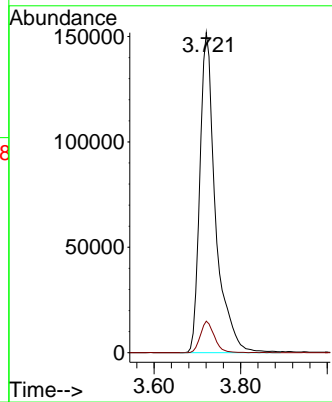
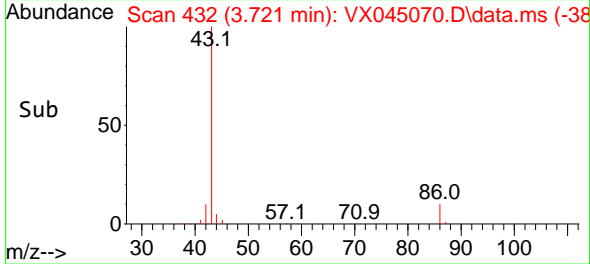
Instrument : MSVOA_X
 ClientSampleId : VSTDIC020



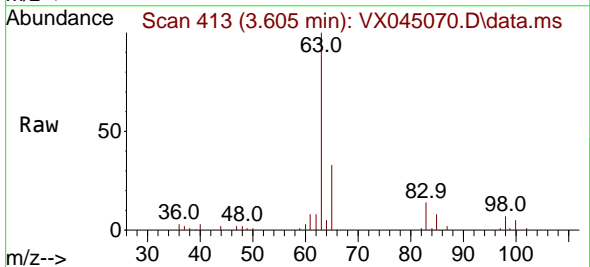
Tgt Ion: 43 Resp: 381808
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

Manual Integrations
 APPROVED

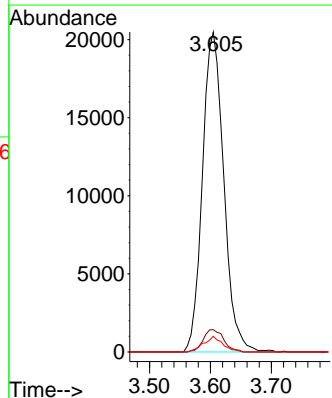
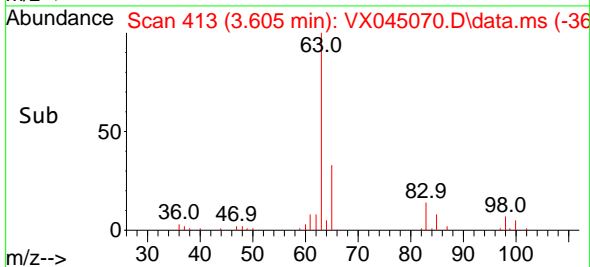
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

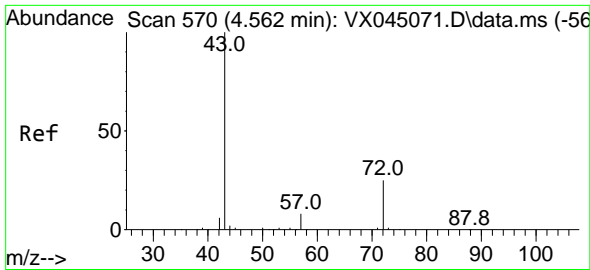


#24
 1,1-Dichloroethane
 Concen: 20.716 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 63 Resp: 49826
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.9 2.1 6.5





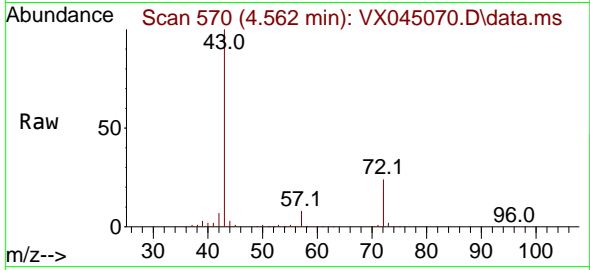
#25
 2-Butanone
 Concen: 124.449 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020



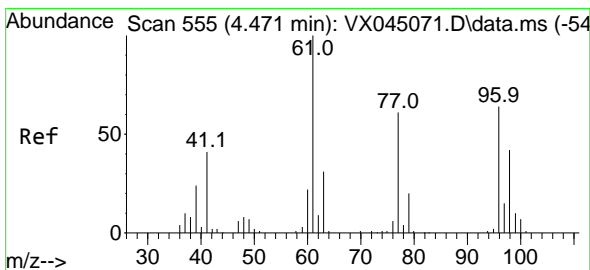
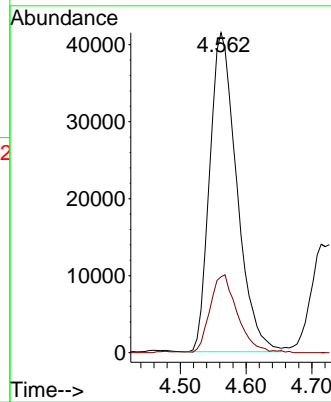
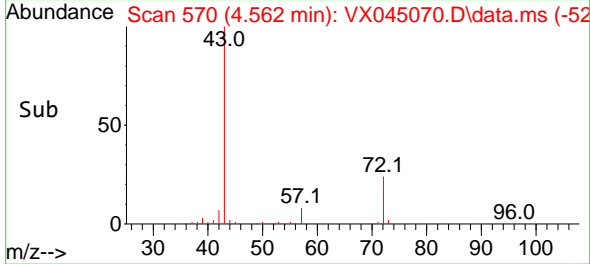
Tgt Ion: 43 Resp: 11871
 Ion Ratio Lower Upper
 43 100
 72 23.5 20.0 30.0

Manual Integrations

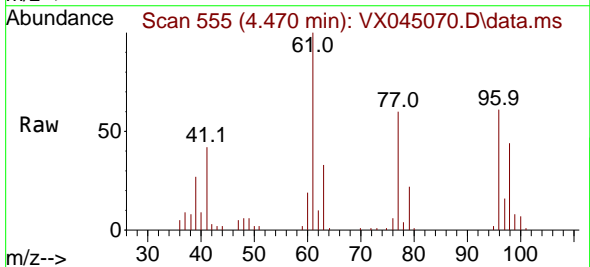
APPROVED

Reviewed By :John Carlone 02/28/2025

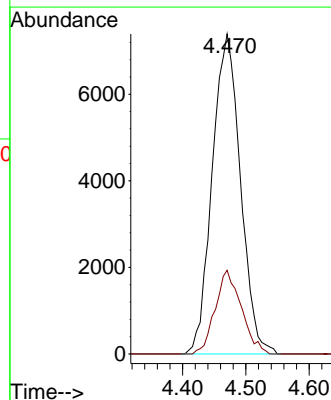
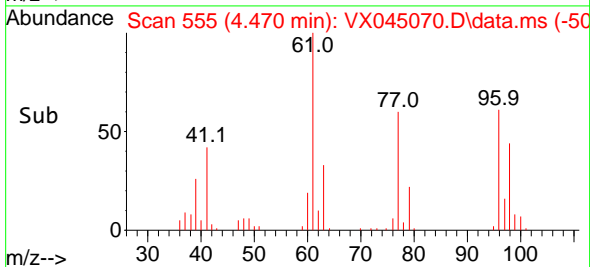
Supervised By :Mahesh Dadoda 02/28/2025

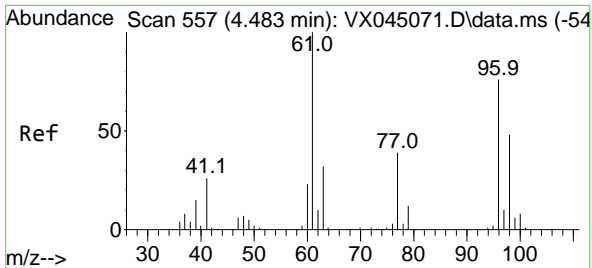


#26
 2,2-Dichloropropane
 Concen: 12.799 ug/l
 RT: 4.470 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 77 Resp: 22886
 Ion Ratio Lower Upper
 77 100
 97 24.2 12.4 37.0





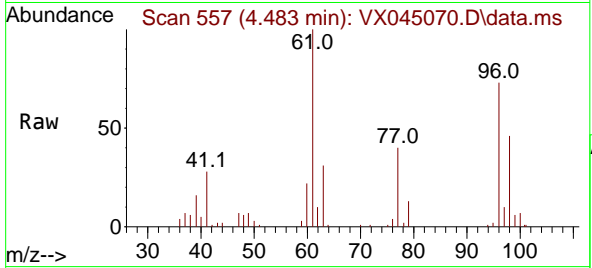
#27
 cis-1,2-Dichloroethene
 Concen: 20.065 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

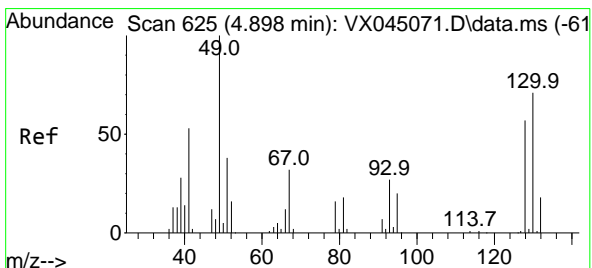
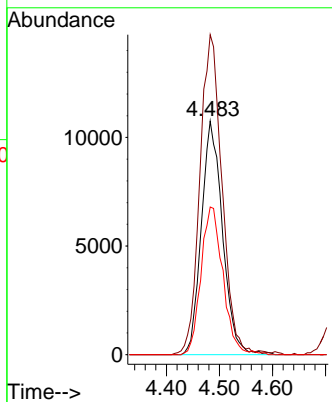
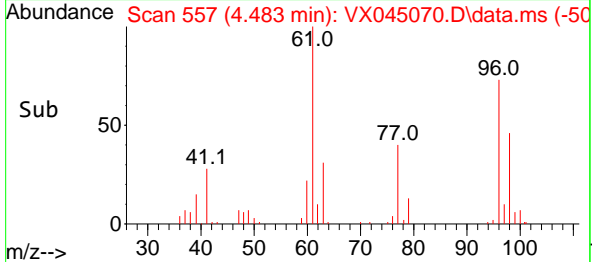


Tgt Ion: 96 Resp: 2978
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 283.2
 98 65.6 0.0 128.0

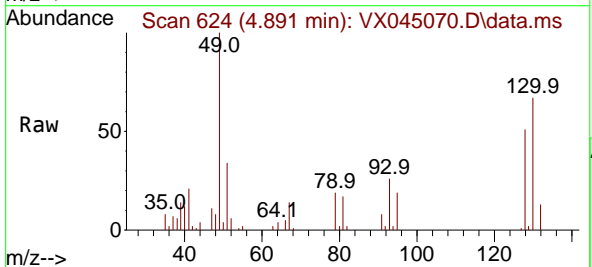
Manual Integrations

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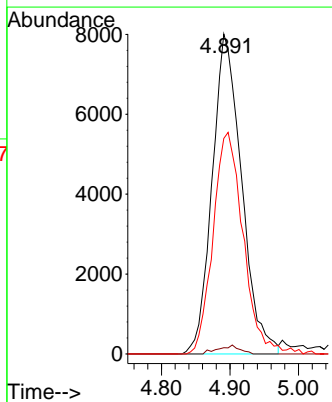
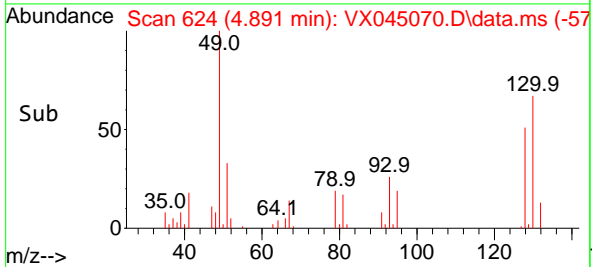
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

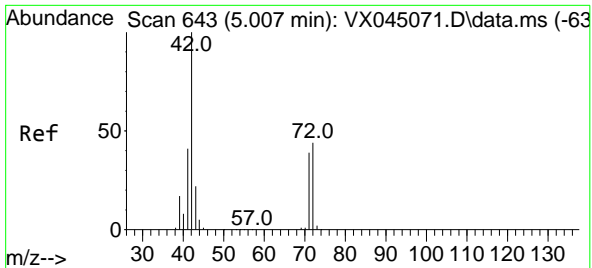


#28
 Bromochloromethane
 Concen: 20.579 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



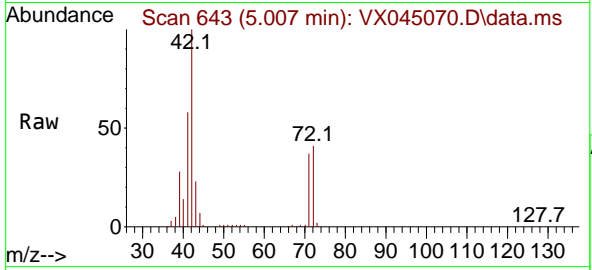
Tgt Ion: 49 Resp: 23869
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 70.6 56.1 84.1





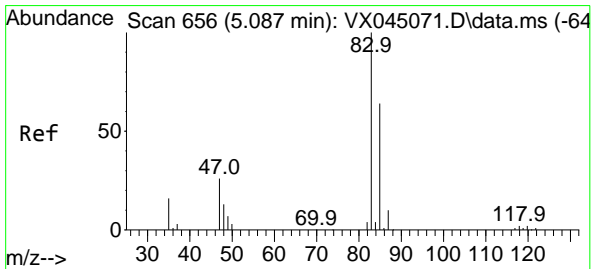
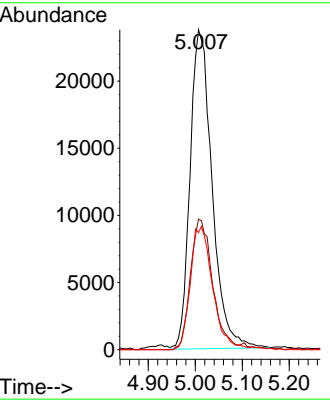
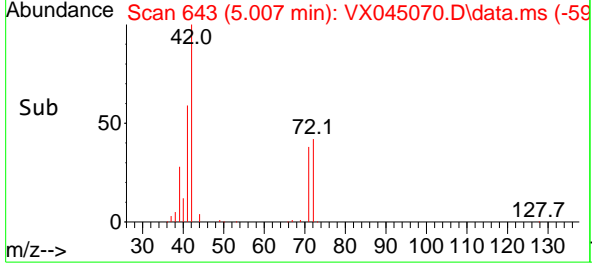
#29
 Tetrahydrofuran
 Concen: 122.519 ug/l
 RT: 5.007 min Scan# 643
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument : MSVOA_X
 ClientSampleId : VSTDIC020

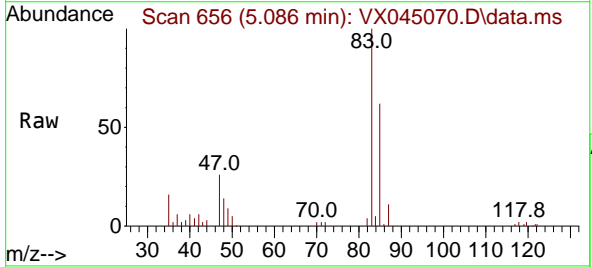


Tgt Ion: 42 Resp: 7743
 Ion Ratio Lower Upper
 42 100
 72 41.0 34.1 51.1
 71 39.0 31.4 47.0

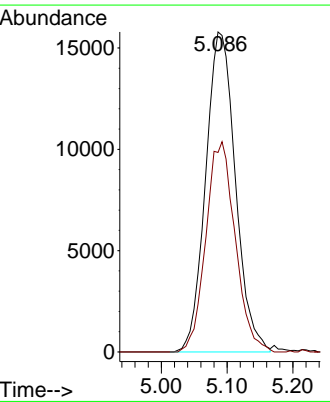
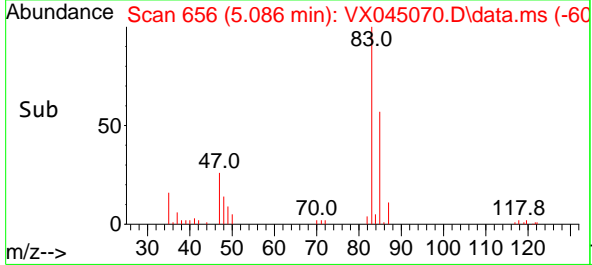
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 Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

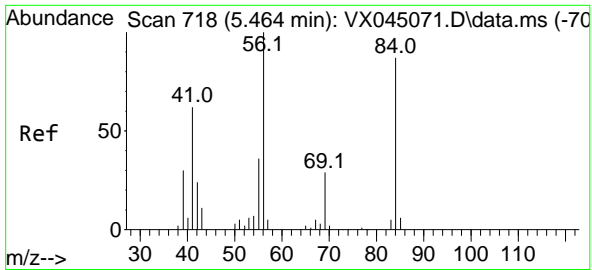


#30
 Chloroform
 Concen: 21.147 ug/l
 RT: 5.086 min Scan# 656
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



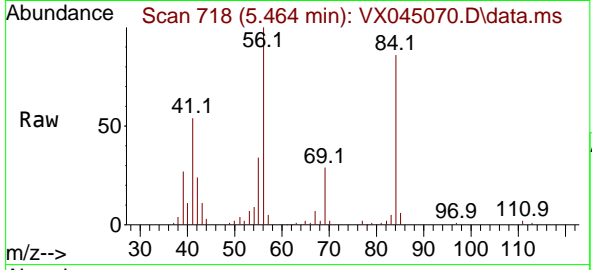
Tgt Ion: 83 Resp: 49751
 Ion Ratio Lower Upper
 83 100
 85 62.3 51.4 77.2





#31
 Cyclohexane
 Concen: 19.181 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

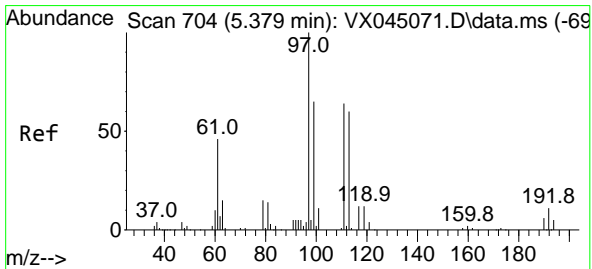
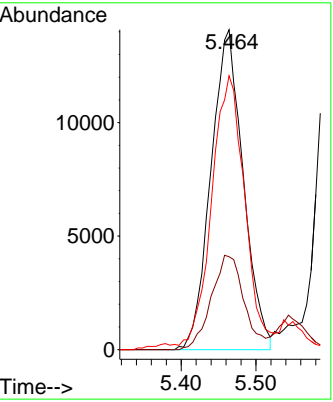
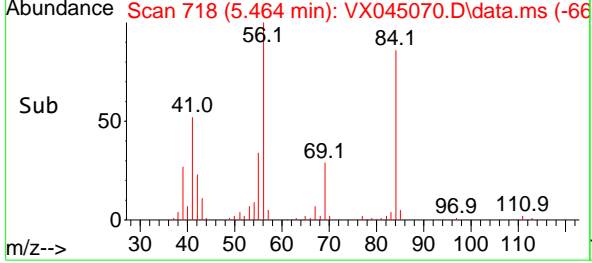
Instrument : MSVOA_X
 ClientSampleId : VSTDIC020



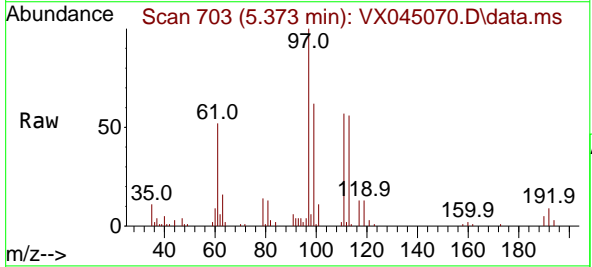
Tgt Ion: 56 Resp: 42340

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.4	35.2
84	84.2	69.4	104.2

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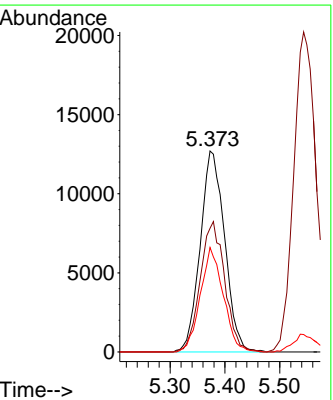
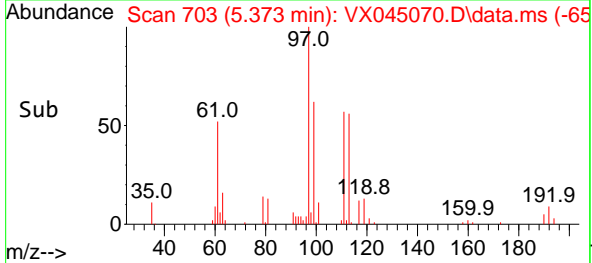


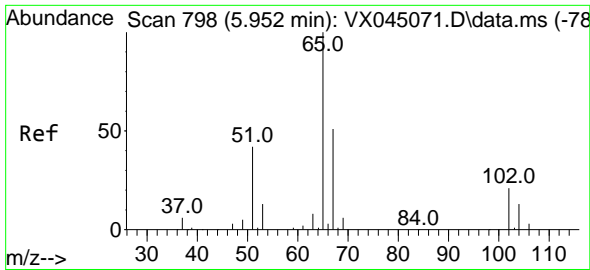
#32
 1,1,1-Trichloroethane
 Concen: 19.831 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 97 Resp: 39276

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	48.9	38.4	57.6





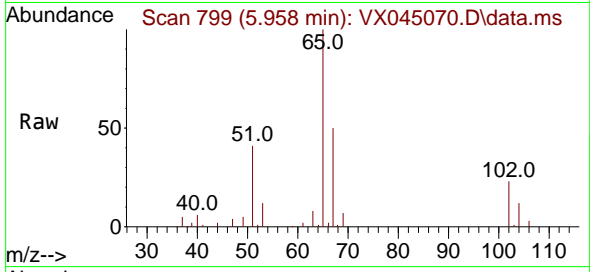
#33
 1,2-Dichloroethane-d4
 Concen: 21.221 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

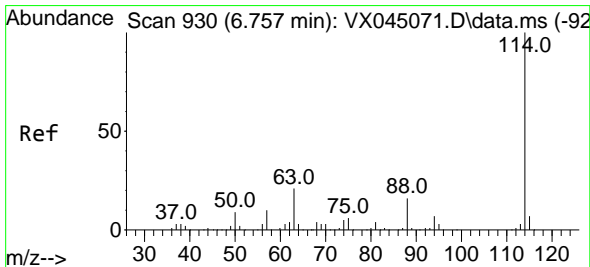
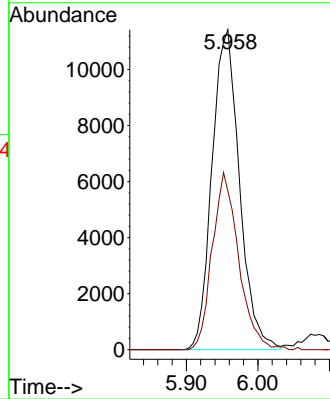
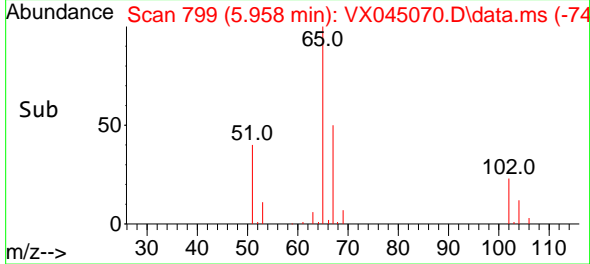


Tgt Ion: 65 Resp: 30514
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.2

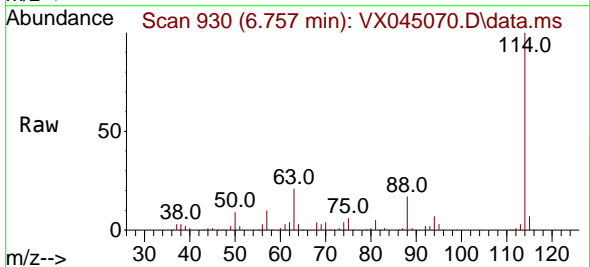
Manual Integrations

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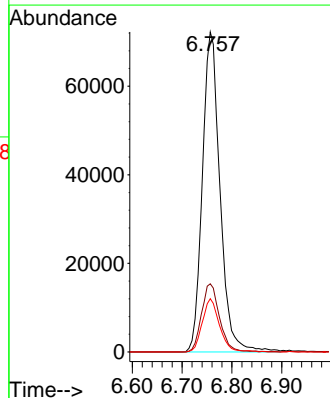
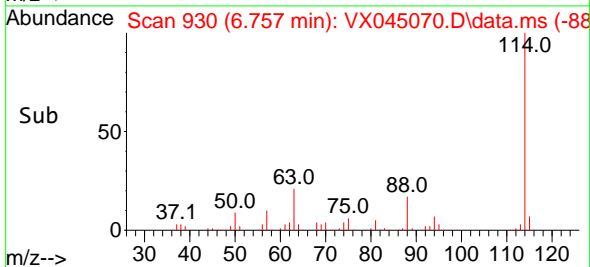
Reviewed By :John Carlone 02/28/2025
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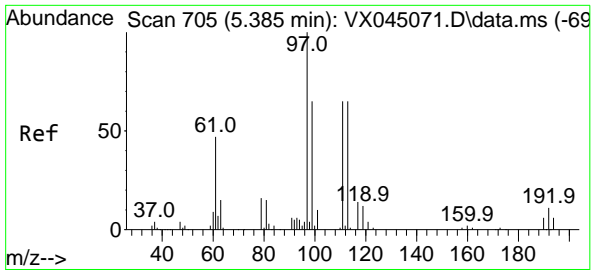


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



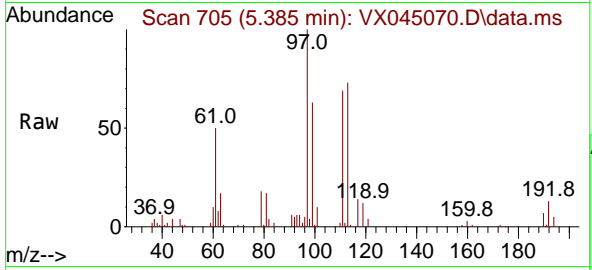
Tgt Ion:114 Resp: 177403
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.8
 88 16.6 0.0 32.8





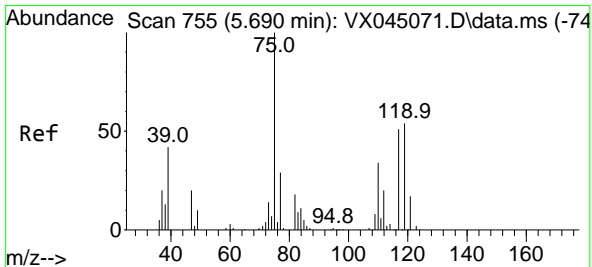
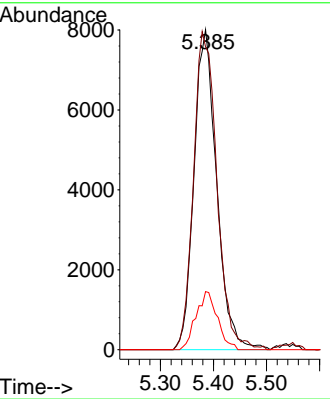
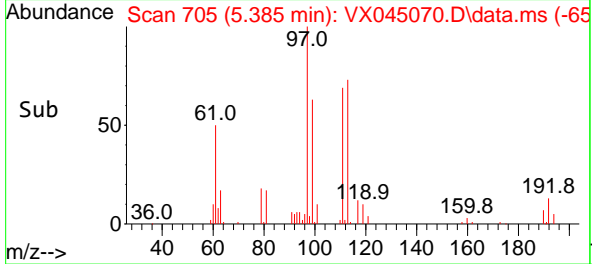
#35
 Dibromofluoromethane
 Concen: 20.473 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument : MSVOA_X
 ClientSampleId : VSTDIC020

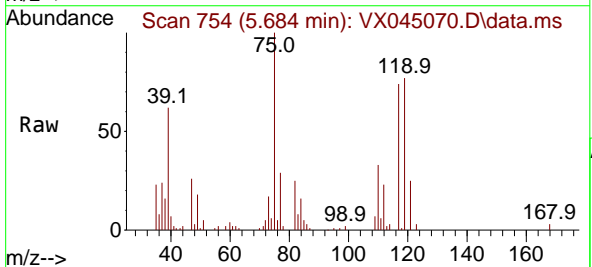


Tgt Ion: 113 Resp: 23739
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 17.2 14.3 21.5

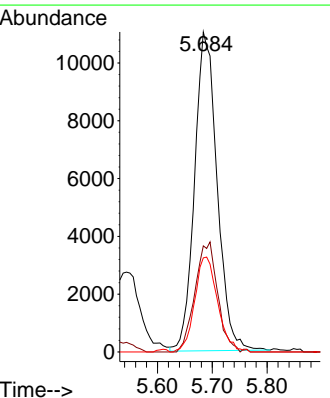
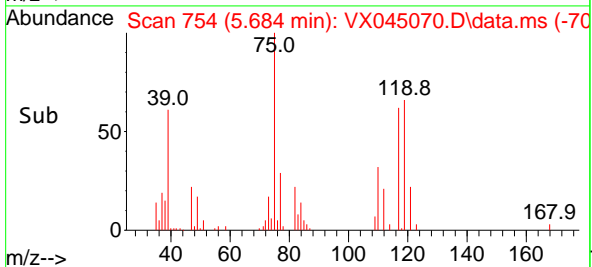
Manual Integrations
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 Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

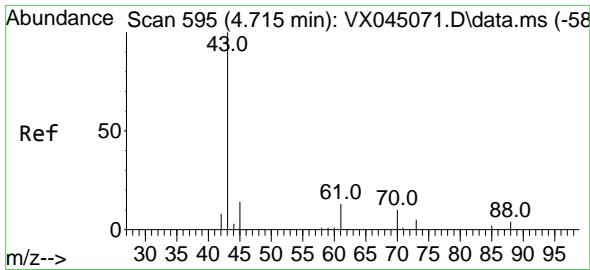


#36
 1,1-Dichloropropene
 Concen: 18.903 ug/l
 RT: 5.684 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



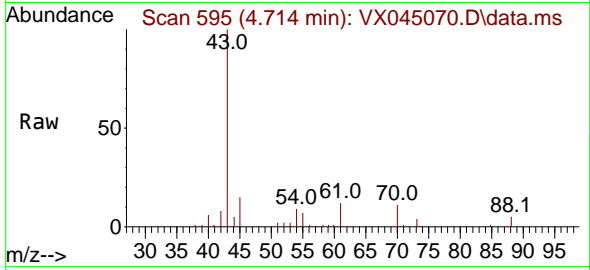
Tgt Ion: 75 Resp: 31519
 Ion Ratio Lower Upper
 75 100
 110 34.4 16.9 50.6
 77 30.3 24.5 36.7





#37
 Ethyl Acetate
 Concen: 22.714 ug/l
 RT: 4.714 min Scan# 595
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

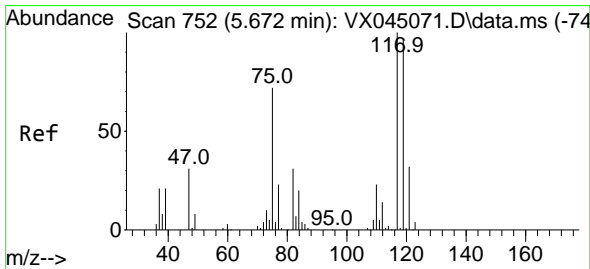
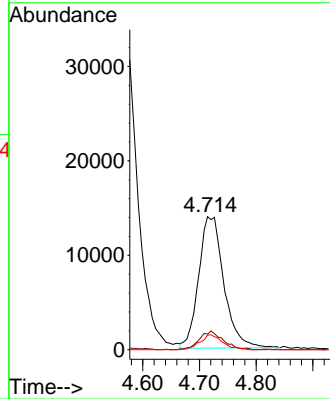
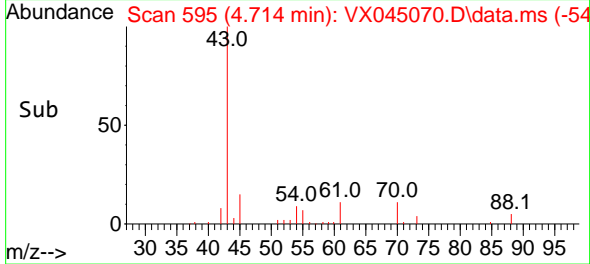
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



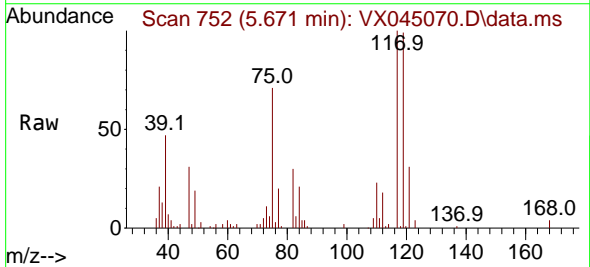
Tgt Ion: 43 Resp: 4309
 Ion Ratio Lower Upper
 43 100
 61 13.4 10.8 16.2
 70 10.1 7.7 11.5

Manual Integrations
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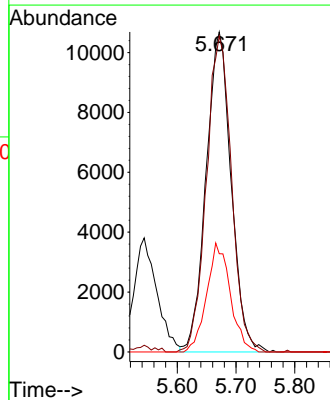
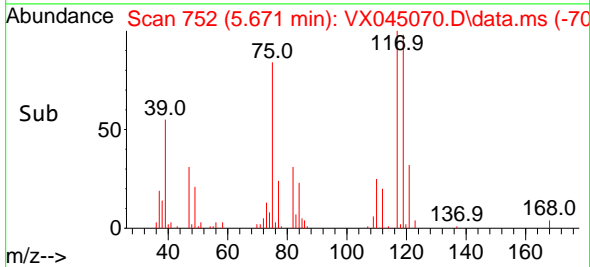
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

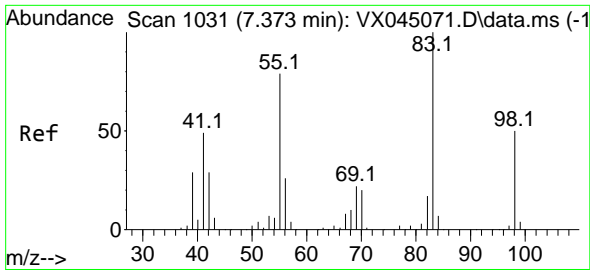


#38
 Carbon Tetrachloride
 Concen: 19.334 ug/l
 RT: 5.671 min Scan# 752
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:117 Resp: 31694
 Ion Ratio Lower Upper
 117 100
 119 98.7 76.7 115.1
 121 30.7 25.5 38.3





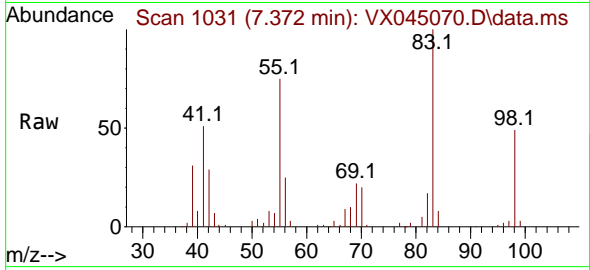
#39
 Methylcyclohexane
 Concen: 18.676 ug/l
 RT: 7.372 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



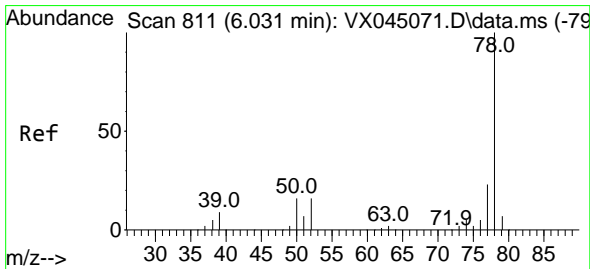
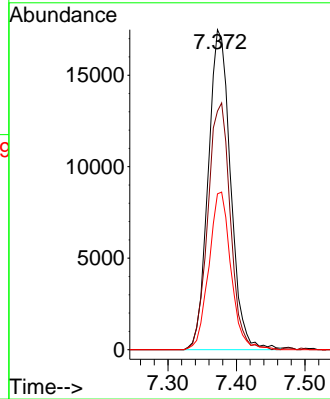
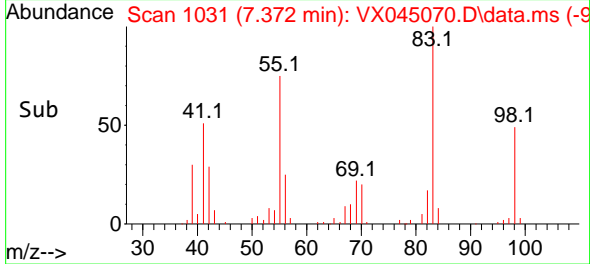
Tgt Ion: 83 Resp: 39769
 Ion Ratio Lower Upper
 83 100
 55 74.6 63.0 94.4
 98 48.7 39.7 59.5

Manual Integrations

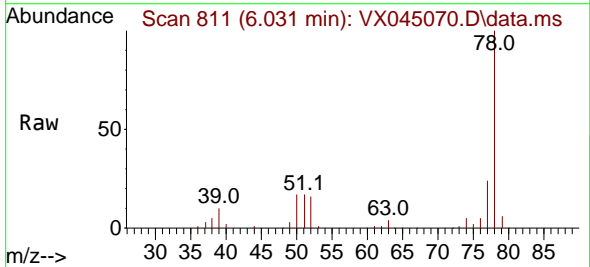
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Reviewed By :John Carlone 02/28/2025

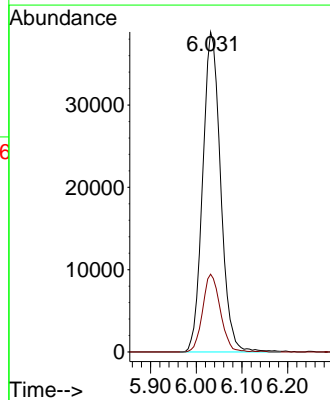
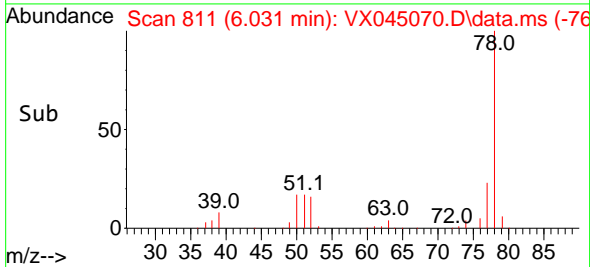
Supervised By :Mahesh Dadoda 02/28/2025

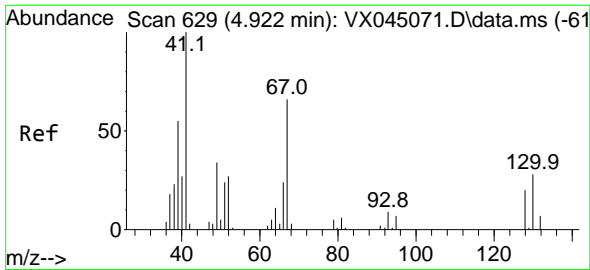


#40
 Benzene
 Concen: 20.298 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 78 Resp: 105787
 Ion Ratio Lower Upper
 78 100
 77 24.3 18.8 28.2





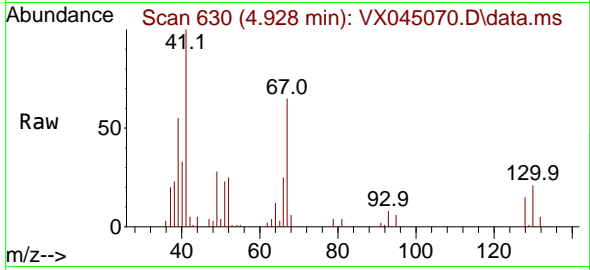
#41
 Methacrylonitrile
 Concen: 23.605 ug/l
 RT: 4.928 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



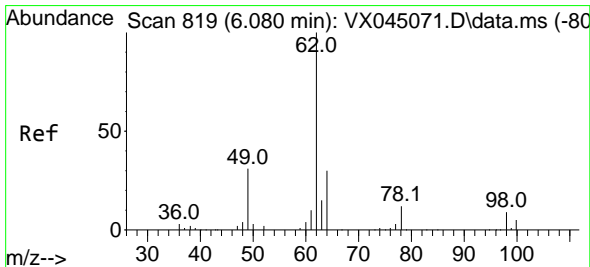
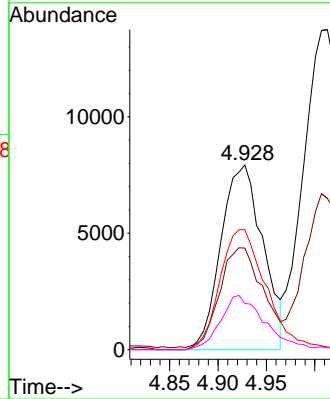
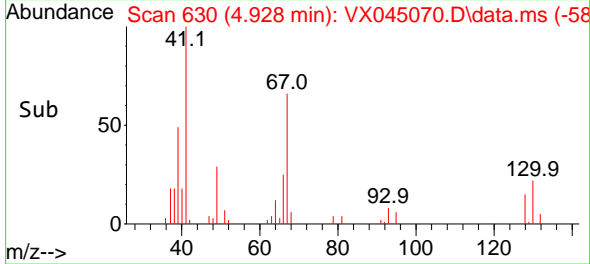
Tgt Ion: 41 Resp: 23924
 Ion Ratio Lower Upper
 41 100
 39 55.3 44.6 67.0
 67 71.6 53.9 80.9
 52 30.7 23.3 34.9

Manual Integrations

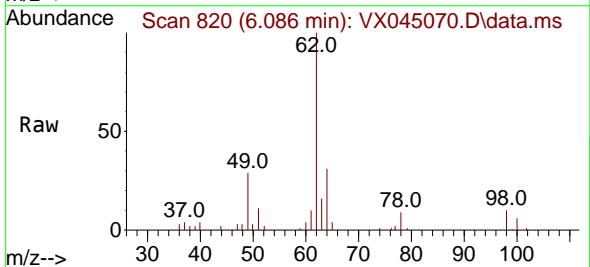
APPROVED

Reviewed By :John Carlone 02/28/2025

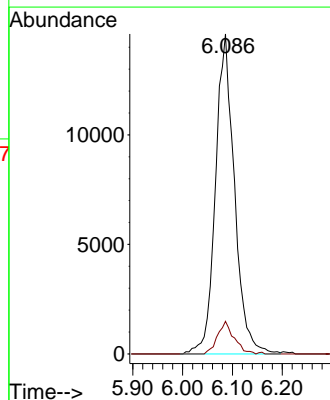
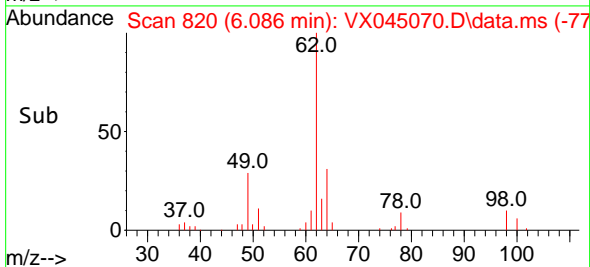
Supervised By :Mahesh Dadoda 02/28/2025

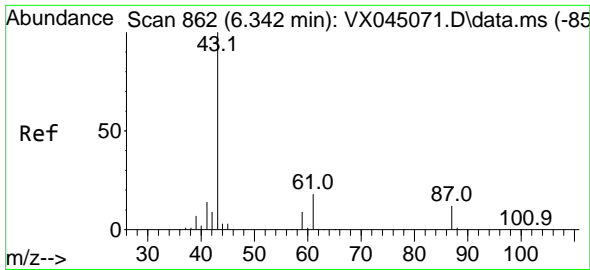


#42
 1,2-Dichloroethane
 Concen: 22.886 ug/l
 RT: 6.086 min Scan# 820
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 62 Resp: 38653
 Ion Ratio Lower Upper
 62 100
 98 8.8 0.0 18.2





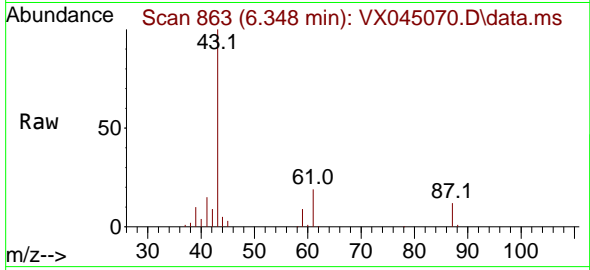
#43
 Isopropyl Acetate
 Concen: 22.094 ug/l
 RT: 6.348 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020



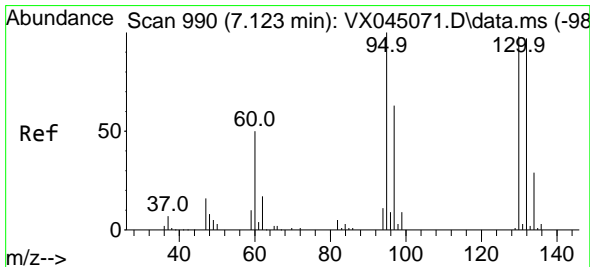
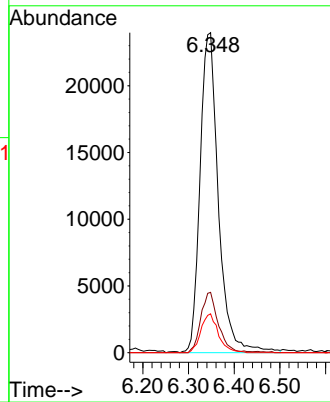
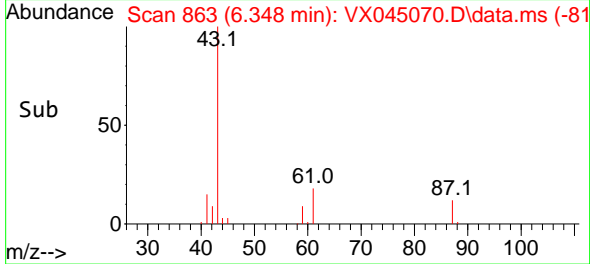
Tgt Ion: 43 Resp: 6672
 Ion Ratio Lower Upper
 43 100
 61 17.8 14.9 22.3
 87 11.5 9.4 14.2

Manual Integrations

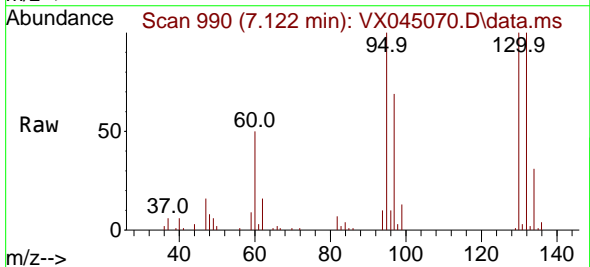
APPROVED

Reviewed By :John Carlone 02/28/2025

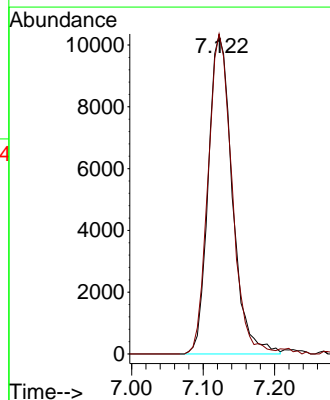
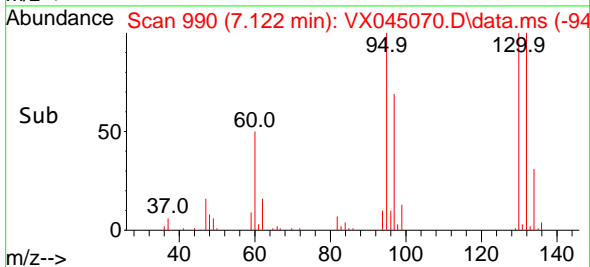
Supervised By :Mahesh Dadoda 02/28/2025

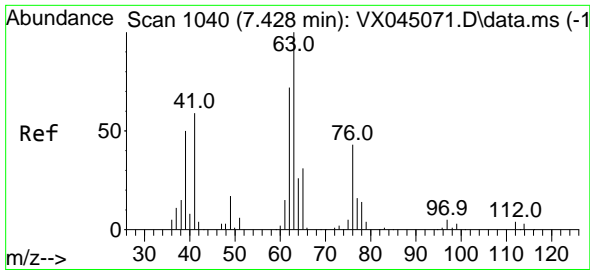


#44
 Trichloroethene
 Concen: 20.191 ug/l
 RT: 7.122 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:130 Resp: 24052
 Ion Ratio Lower Upper
 130 100
 95 100.3 0.0 205.0





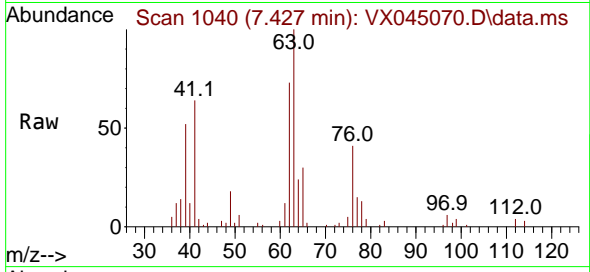
#45
 1,2-Dichloropropane
 Concen: 20.945 ug/l
 RT: 7.427 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleID :

VSTDIC020



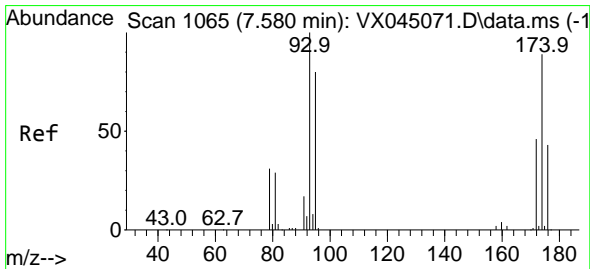
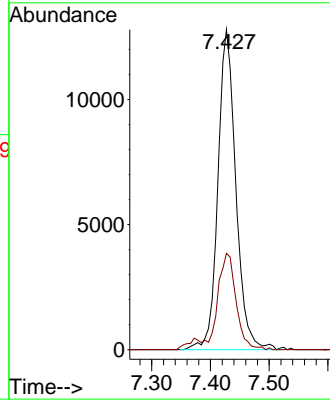
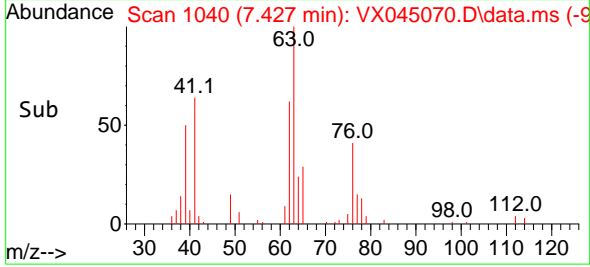
Tgt Ion: 63 Resp: 27128
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1

Manual Integrations

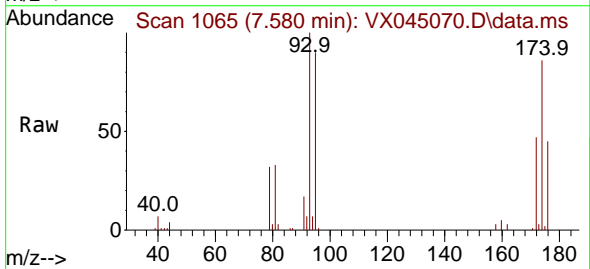
APPROVED

Reviewed By :John Carlone 02/28/2025

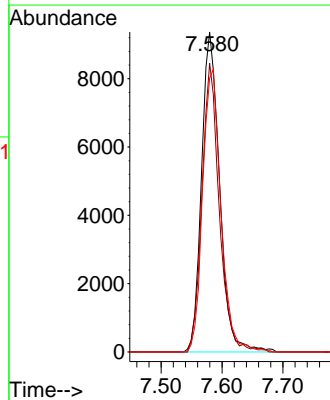
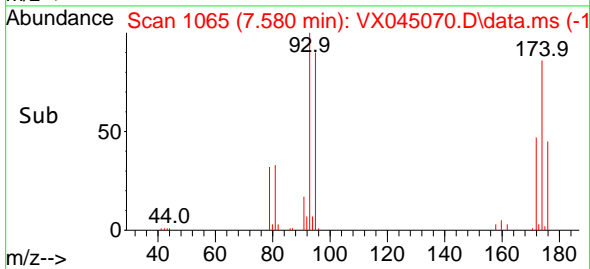
Supervised By :Mahesh Dadoda 02/28/2025

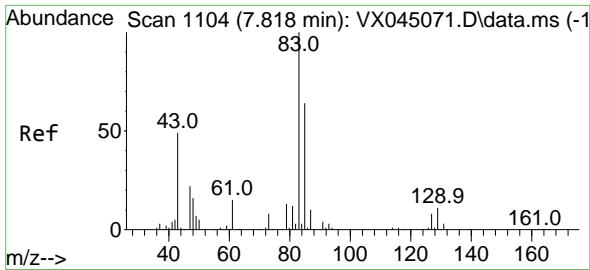


#46
 Dibromomethane
 Concen: 21.357 ug/l
 RT: 7.580 min Scan# 1065
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



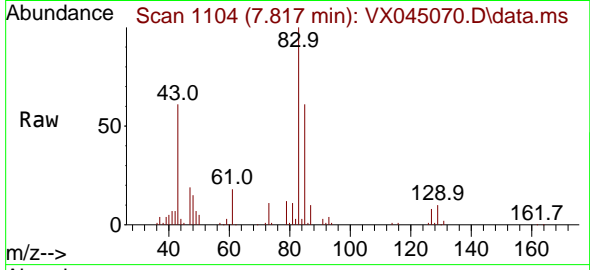
Tgt Ion: 93 Resp: 19323
 Ion Ratio Lower Upper
 93 100
 95 86.4 65.8 98.8
 174 89.6 72.2 108.2





#47
 Bromodichloromethane
 Concen: 21.732 ug/l
 RT: 7.817 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

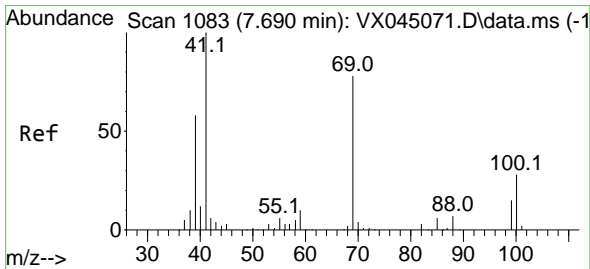
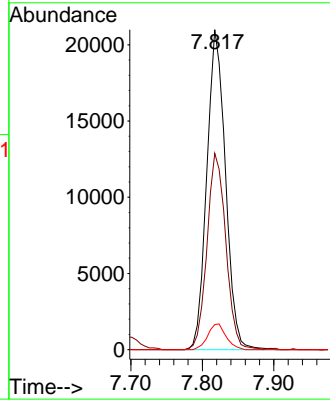
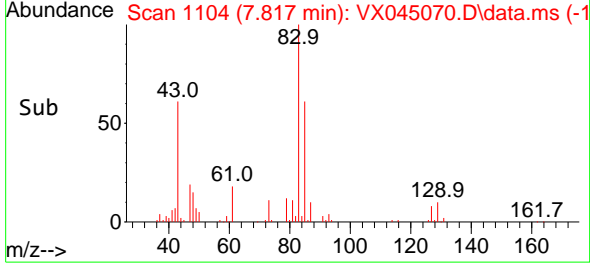
Instrument : MSVOA_X
 Client Sample Id : VSTDIC020



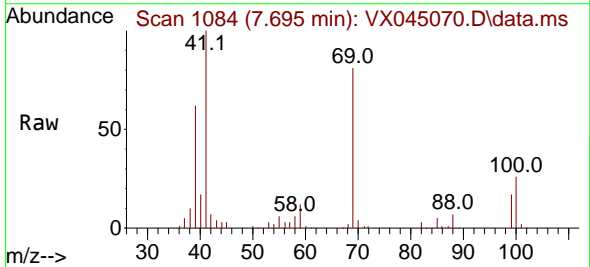
Tgt Ion: 83 Resp: 38038
 Ion Ratio Lower Upper
 83 100
 85 61.3 51.1 76.7
 127 7.8 6.4 9.6

Manual Integrations
 APPROVED

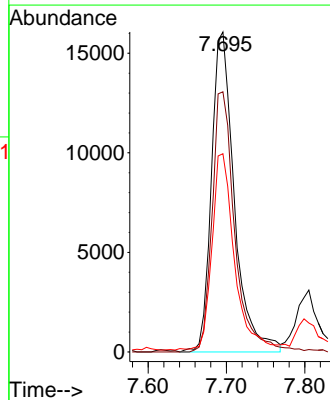
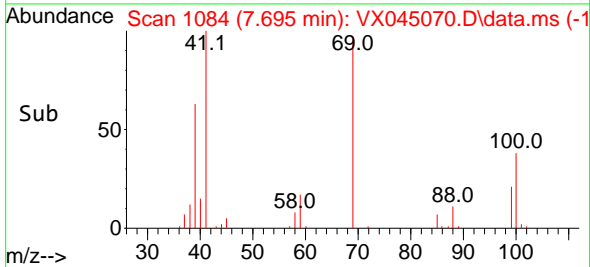
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

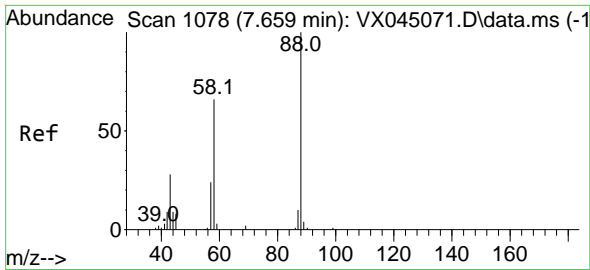


#48
 Methyl methacrylate
 Concen: 22.757 ug/l
 RT: 7.695 min Scan# 1084
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 41 Resp: 32627
 Ion Ratio Lower Upper
 41 100
 69 81.2 63.0 94.6
 39 59.8 47.5 71.3





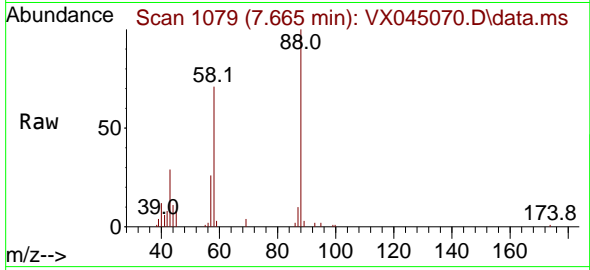
#49
 1,4-Dioxane
 Concen: 479.170 ug/l
 RT: 7.665 min Scan# 1079
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020



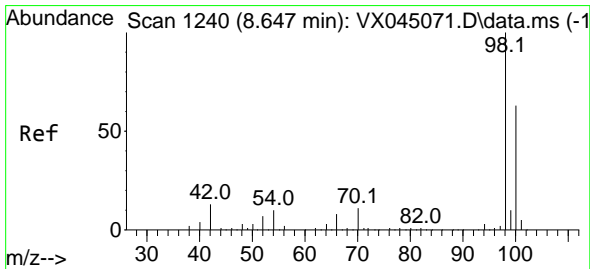
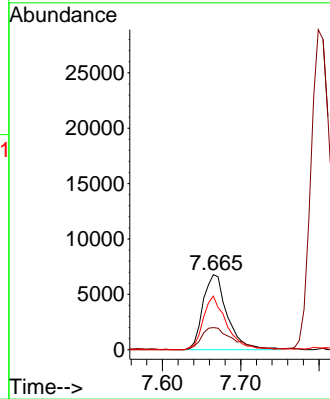
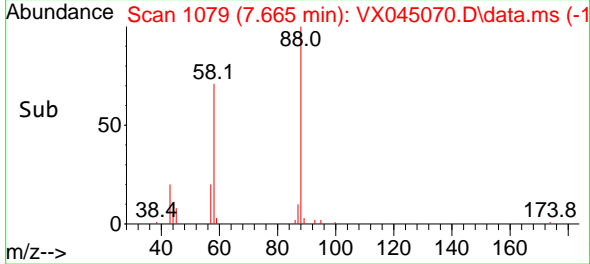
Tgt Ion: 88 Resp: 1460
 Ion Ratio Lower Upper
 88 100
 43 38.7 28.7 43.1
 58 68.3 55.8 83.8

Manual Integrations

APPROVED

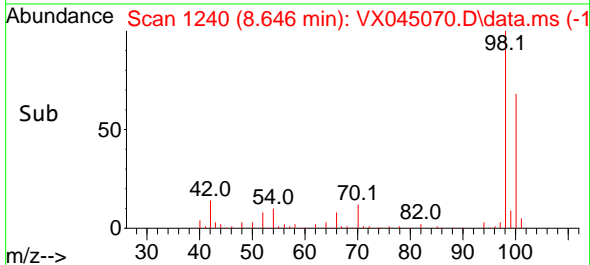
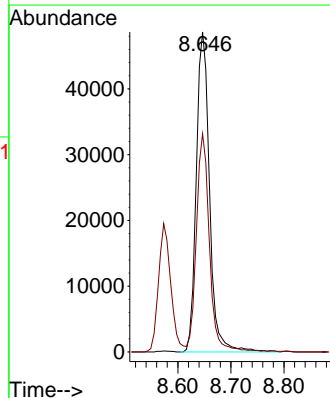
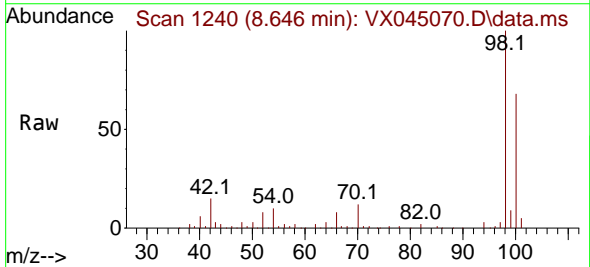
Reviewed By :John Carlone 02/28/2025

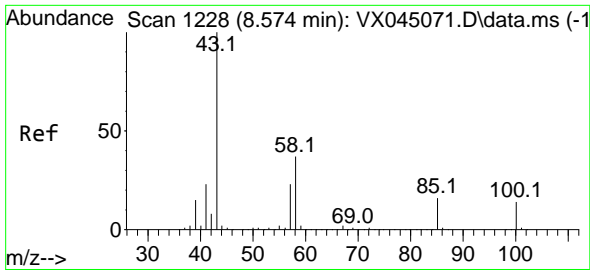
Supervised By :Mahesh Dadoda 02/28/2025



#50
 Toluene-d8
 Concen: 19.469 ug/l
 RT: 8.646 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Tgt Ion: 98 Resp: 84516
 Ion Ratio Lower Upper
 98 100
 100 67.2 52.0 78.0





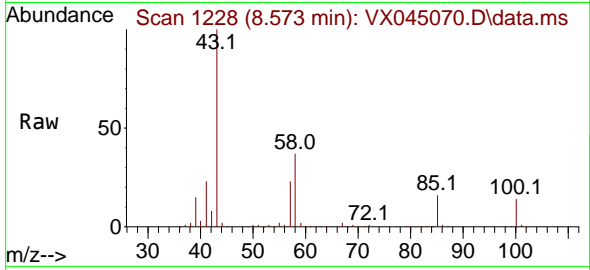
#51
 4-Methyl-2-Pentanone
 Concen: 124.081 ug/l
 RT: 8.573 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



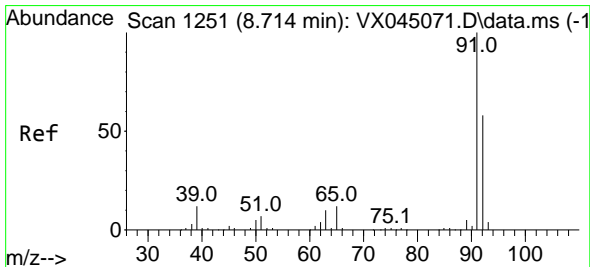
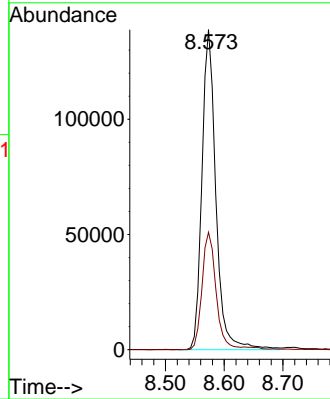
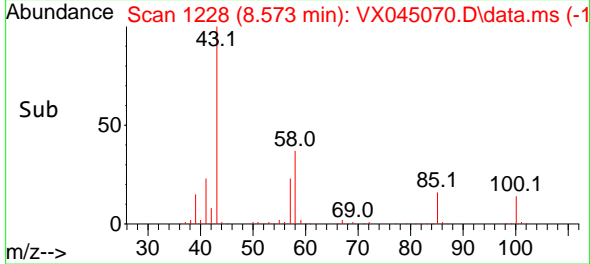
Tgt Ion: 43 Resp: 22961
 Ion Ratio Lower Upper
 43 100
 58 37.5 29.2 43.8

Manual Integrations

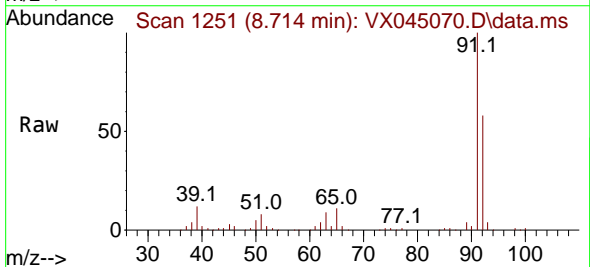
APPROVED

Reviewed By :John Carlone 02/28/2025

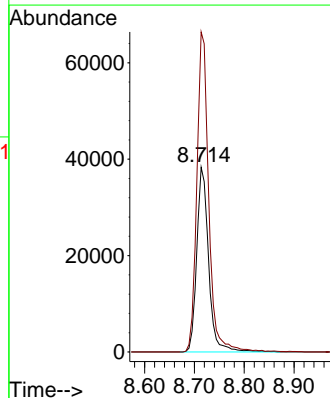
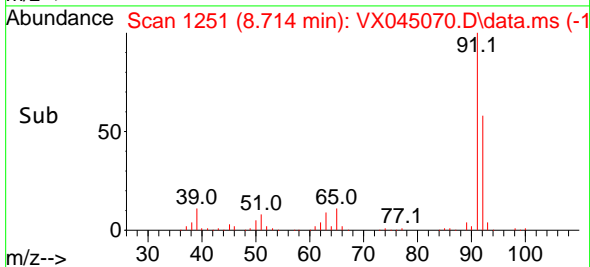
Supervised By :Mahesh Dadoda 02/28/2025

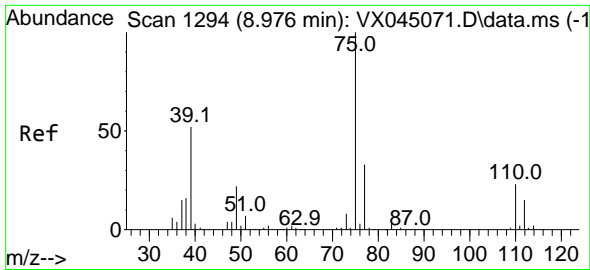


#52
 Toluene
 Concen: 20.463 ug/l
 RT: 8.714 min Scan# 1251
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 92 Resp: 63326
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.9 208.3





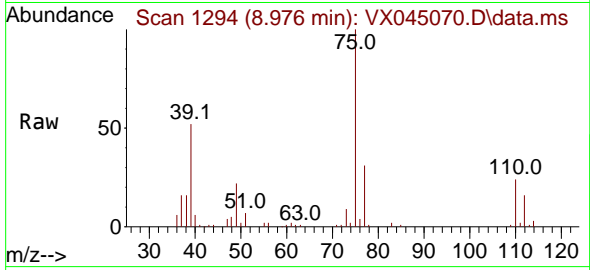
#53
 t-1,3-Dichloropropene
 Concen: 17.871 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDICC020



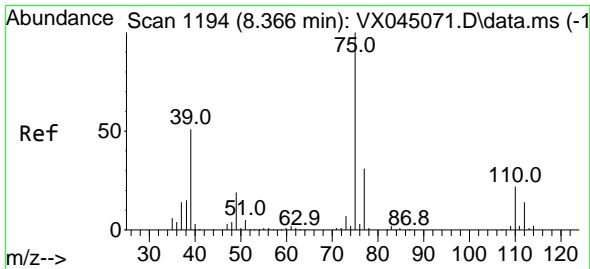
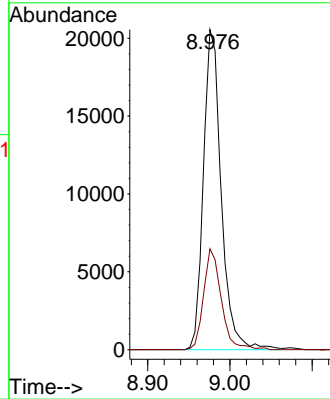
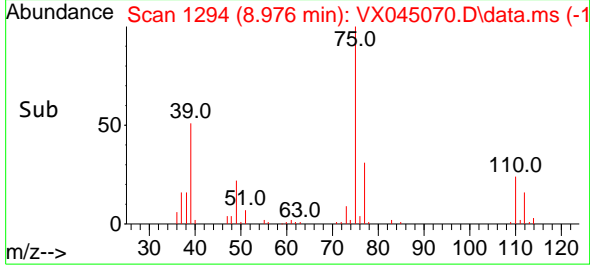
Tgt Ion: 75 Resp: 3091
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.5 39.7

Manual Integrations

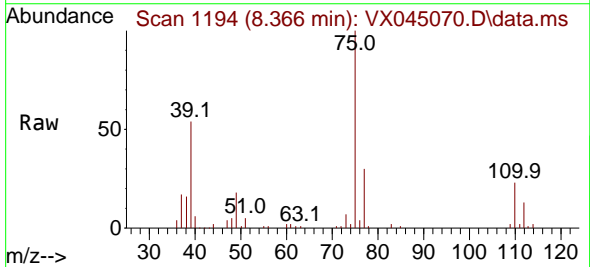
APPROVED

Reviewed By :John Carlone 02/28/2025

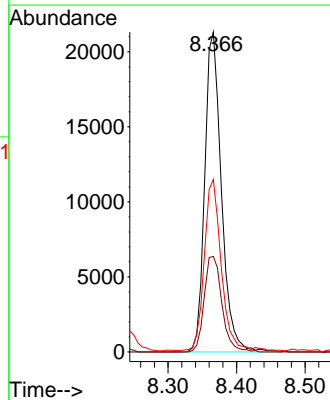
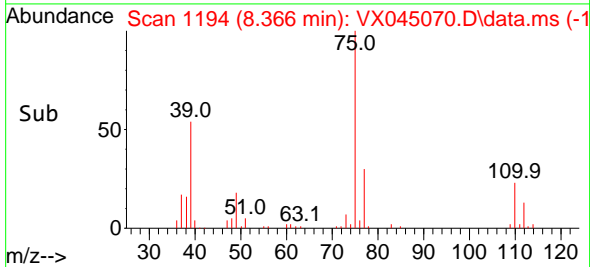
Supervised By :Mahesh Dadoda 02/28/2025

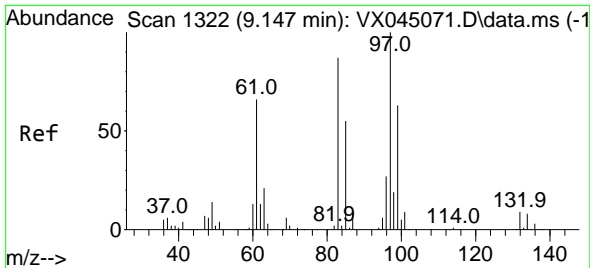


#54
 cis-1,3-Dichloropropene
 Concen: 18.675 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



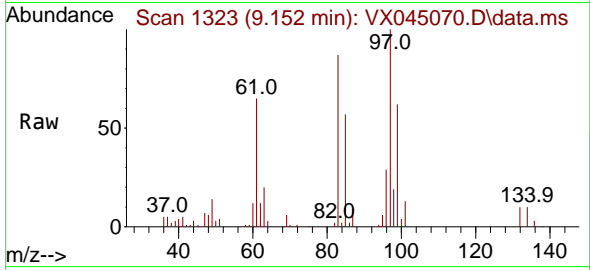
Tgt Ion: 75 Resp: 36118
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.7 37.1
 39 53.5 40.7 61.1





#55
 1,1,2-Trichloroethane
 Concen: 21.992 ug/l
 RT: 9.152 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :
 MSVOA_X
ClientSampleId :
 VSTDIC020

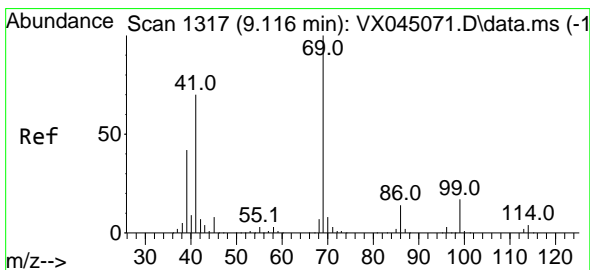
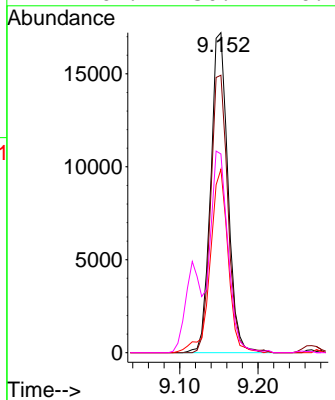
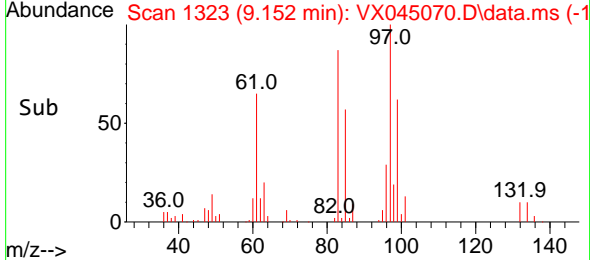


Tgt Ion: 97 Resp: 26350

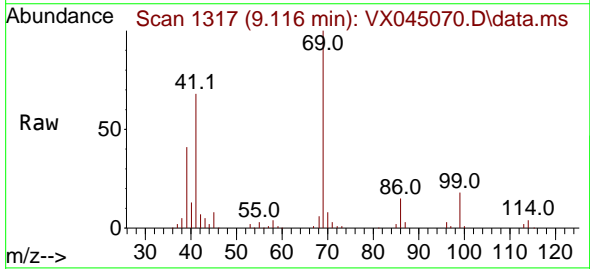
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.4	104.2
85	57.3	44.1	66.1
99	62.1	50.7	76.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

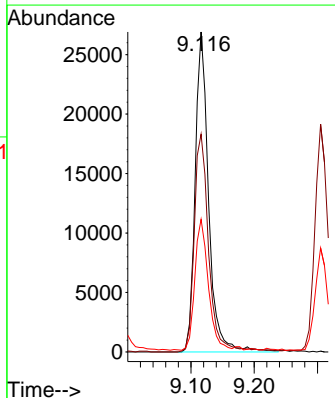
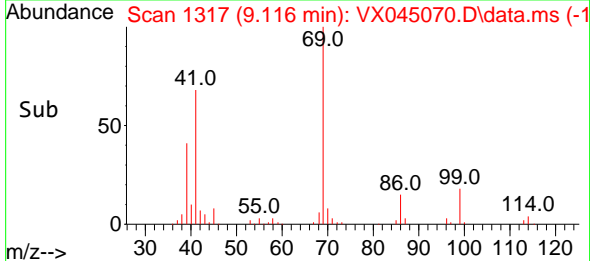


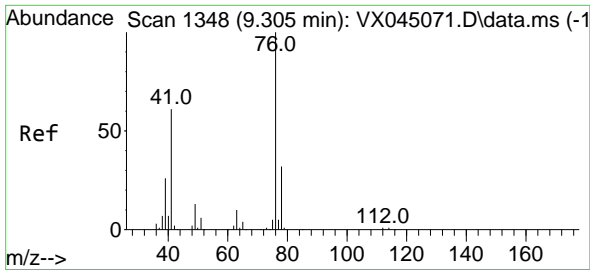
#56
 Ethyl methacrylate
 Concen: 20.791 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 69 Resp: 39850

Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.0	85.4
39	40.6	34.2	51.4





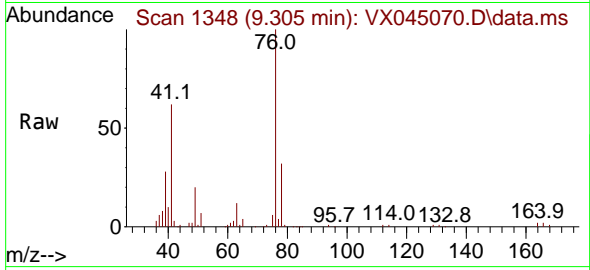
#57
 1,3-Dichloropropane
 Concen: 21.836 ug/l
 RT: 9.305 min Scan# 1117
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



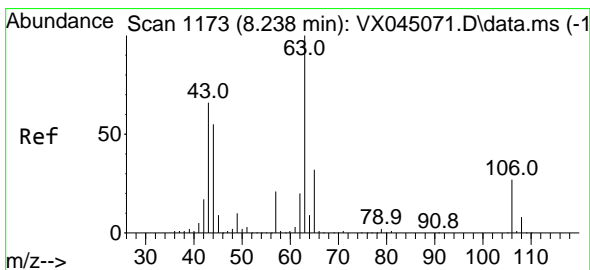
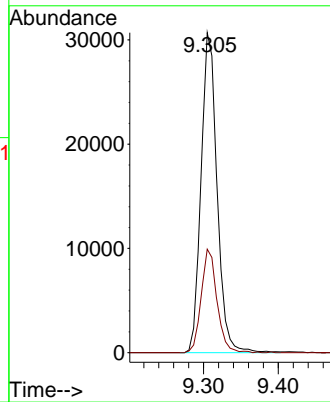
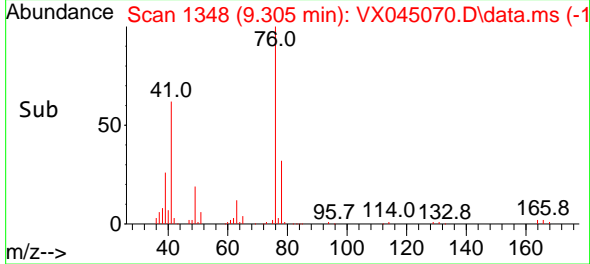
Tgt Ion: 76 Resp: 45644
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3

Manual Integrations

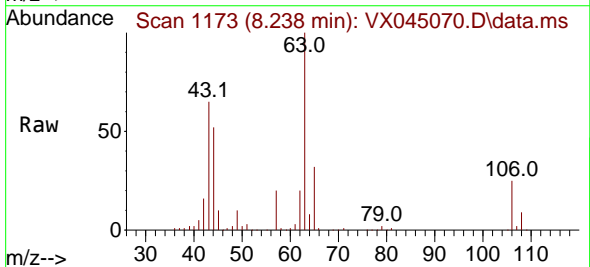
APPROVED

Reviewed By :John Carlone 02/28/2025

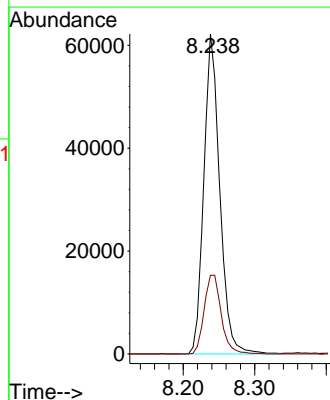
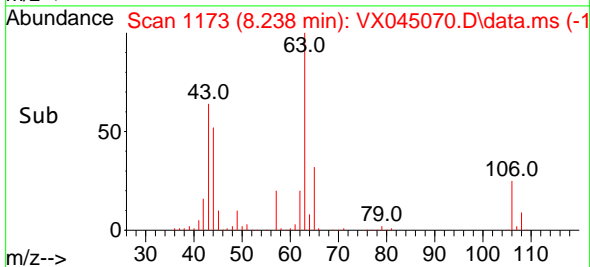
Supervised By :Mahesh Dadoda 02/28/2025

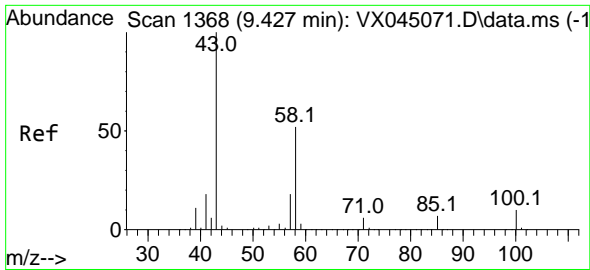


#58
 2-Chloroethyl Vinyl ether
 Concen: 102.342 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 63 Resp: 96311
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.5 32.3





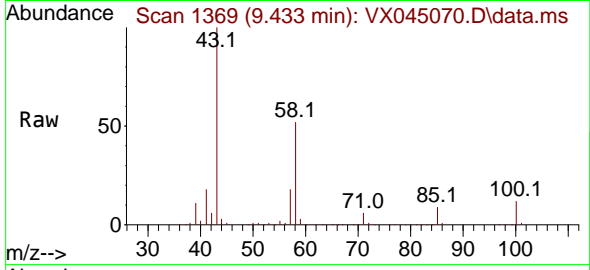
#59
 2-Hexanone
 Concen: 126.428 ug/l
 RT: 9.433 min Scan# 1369
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



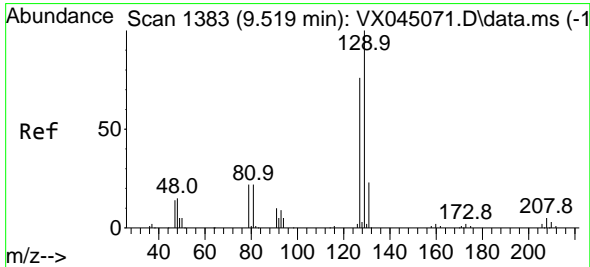
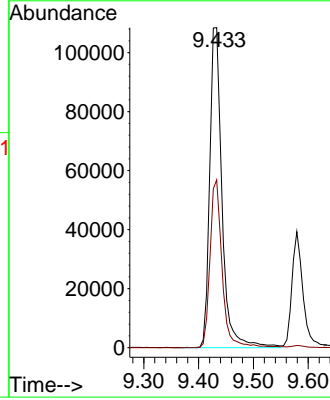
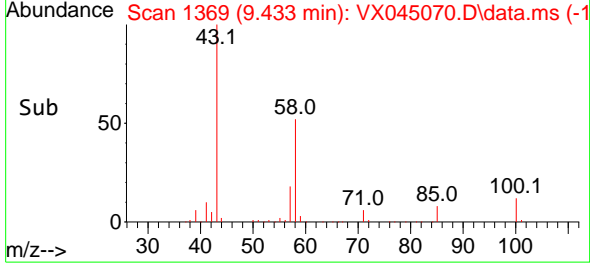
Tgt Ion: 43 Resp: 168768
 Ion Ratio Lower Upper
 43 100
 58 51.6 25.9 77.6

Manual Integrations

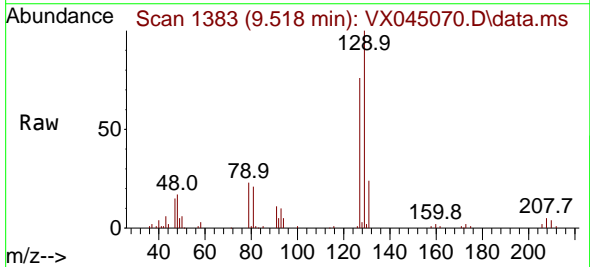
APPROVED

Reviewed By :John Carlone 02/28/2025

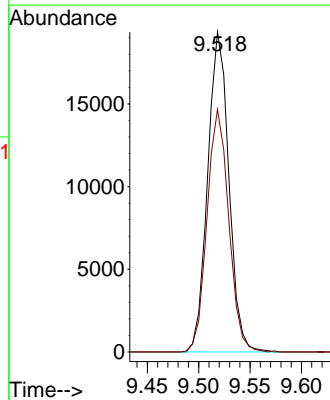
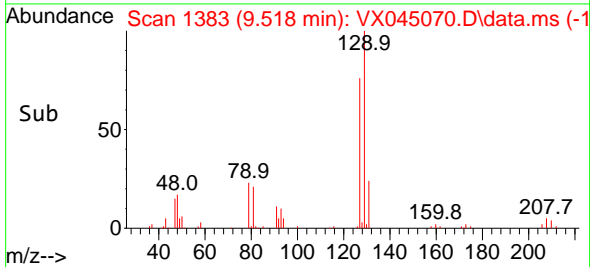
Supervised By :Mahesh Dadoda 02/28/2025

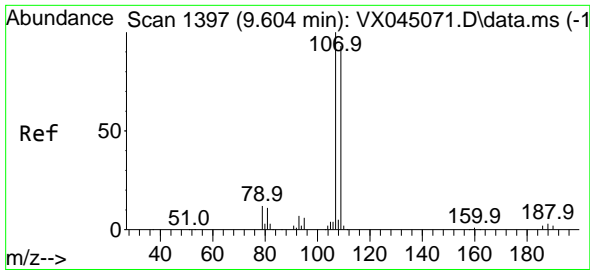


#60
 Dibromochloromethane
 Concen: 21.668 ug/l
 RT: 9.518 min Scan# 1383
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:129 Resp: 27705
 Ion Ratio Lower Upper
 129 100
 127 77.8 38.5 115.5





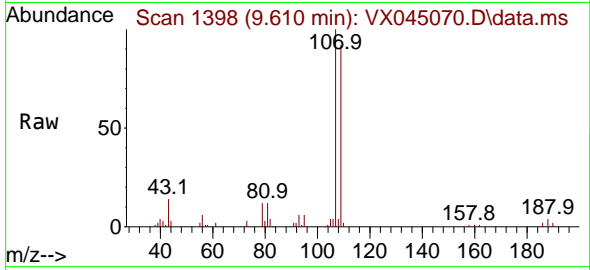
#61
 1,2-Dibromoethane
 Concen: 21.764 ug/l
 RT: 9.610 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client SampleID :

VSTDIC020



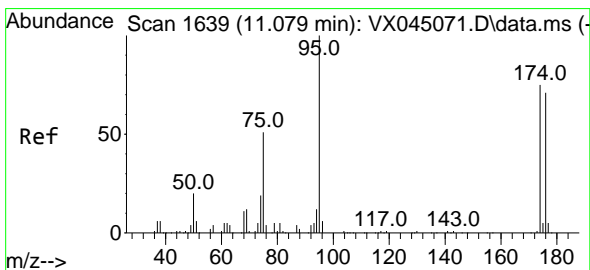
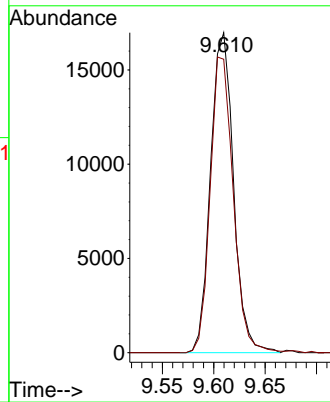
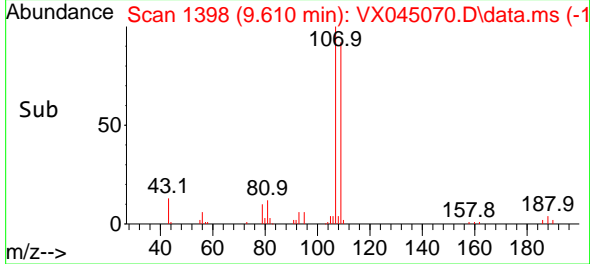
Tgt Ion:107 Resp: 2631
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.1 114.1

Manual Integrations

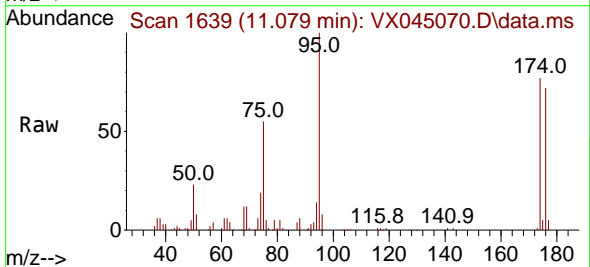
APPROVED

Reviewed By :John Carlone 02/28/2025

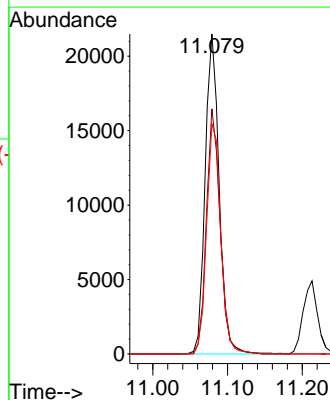
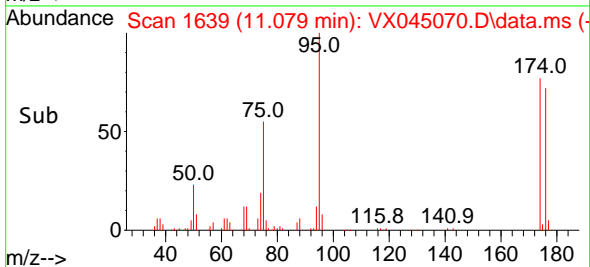
Supervised By :Mahesh Dadoda 02/28/2025

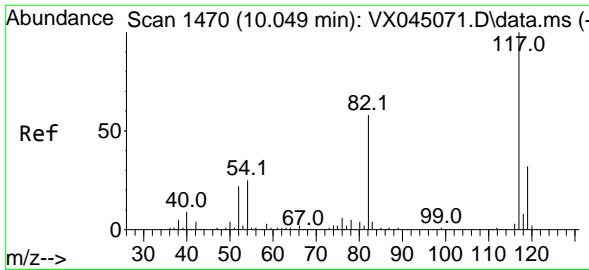


#62
 4-Bromofluorobenzene
 Concen: 19.215 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



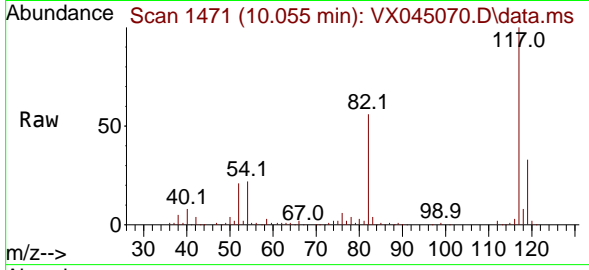
Tgt Ion: 95 Resp: 27856
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 148.2
 176 72.8 0.0 141.4





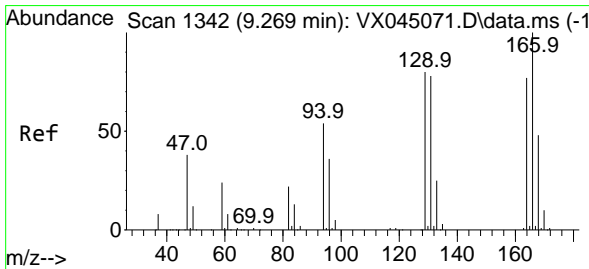
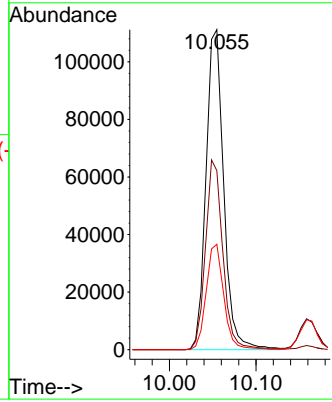
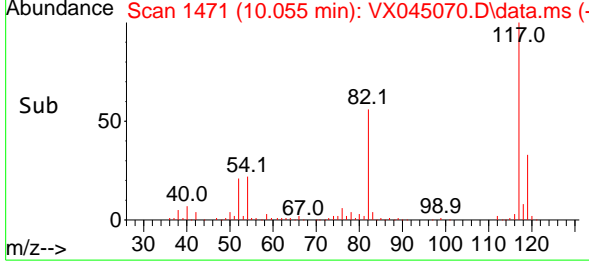
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :
 MSVOA_X
ClientSampleId :
 VSTDIC020

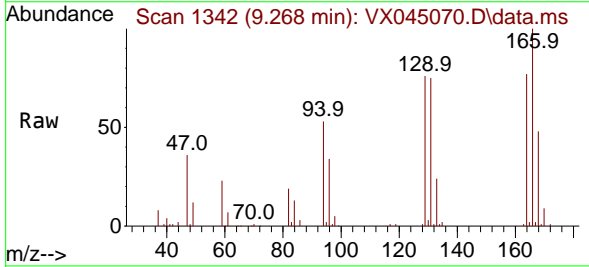


Tgt Ion:117 Resp: 157714
 Ion Ratio Lower Upper
 117 100
 82 55.9 46.3 69.5
 119 33.0 25.7 38.5

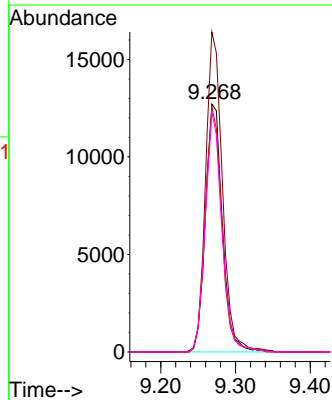
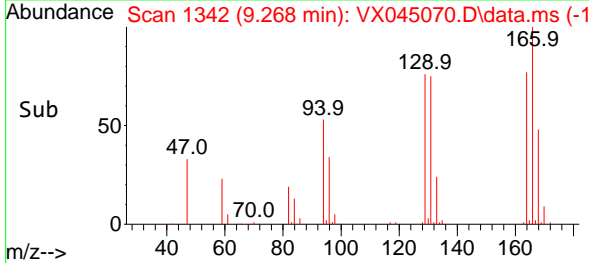
Manual Integrations
APPROVED
 Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

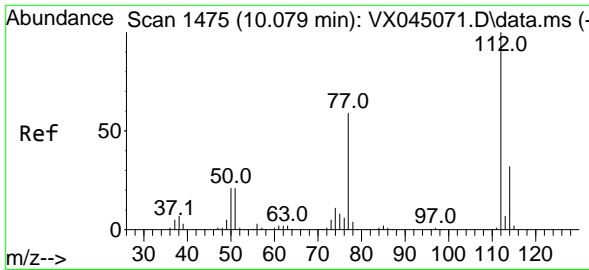


#64
 Tetrachloroethene
 Concen: 20.102 ug/l
 RT: 9.268 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:164 Resp: 20140
 Ion Ratio Lower Upper
 164 100
 166 129.1 103.6 155.4
 129 98.7 82.7 124.1
 131 96.6 80.5 120.7





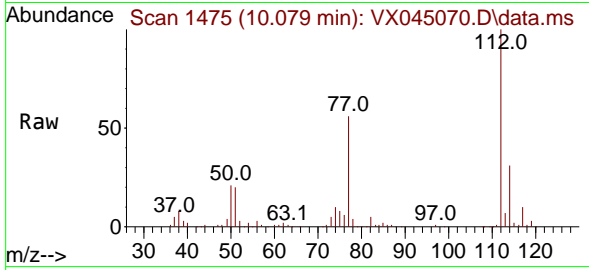
#65
 Chlorobenzene
 Concen: 20.316 ug/l
 RT: 10.079 min Scan# 1475
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

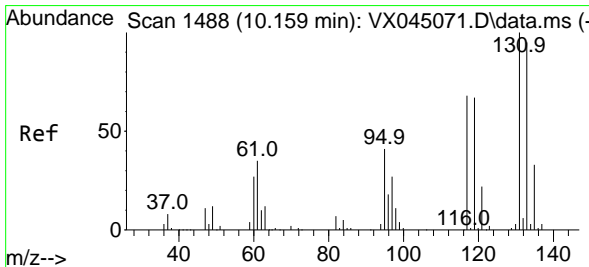
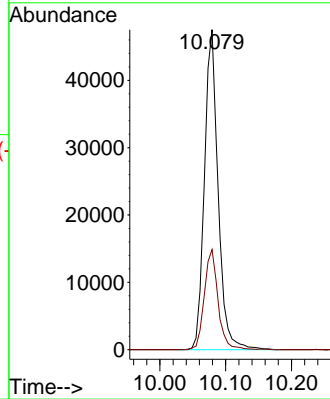
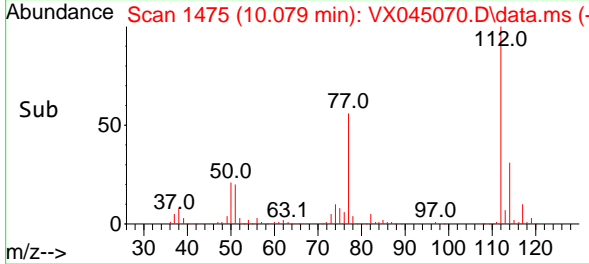


Tgt Ion:112 Resp: 6877
 Ion Ratio Lower Upper
 112 100
 114 31.3 26.0 39.0

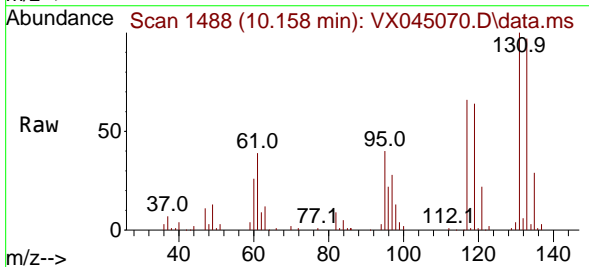
Manual Integrations

APPROVED

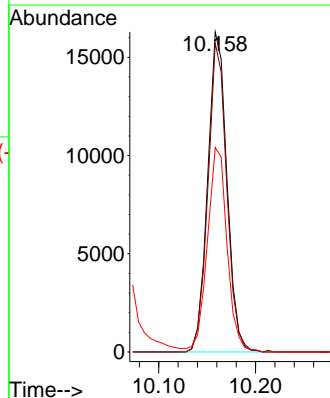
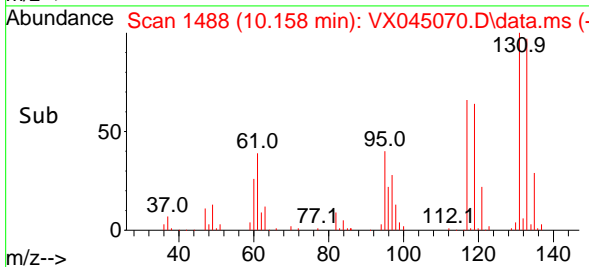
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

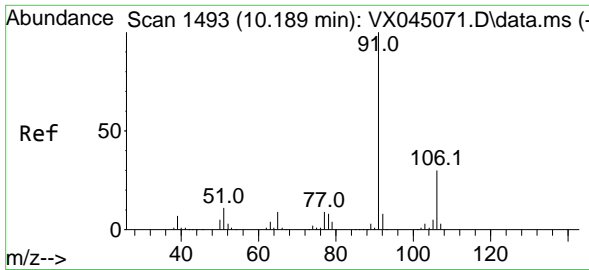


#66
 1,1,1,2-Tetrachloroethane
 Concen: 20.627 ug/l
 RT: 10.158 min Scan# 1488
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:131 Resp: 22508
 Ion Ratio Lower Upper
 131 100
 133 94.6 48.6 145.9
 119 65.4 33.9 101.7





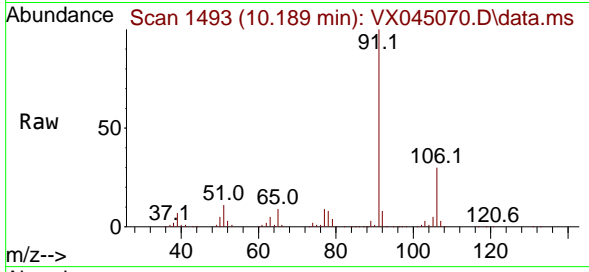
#67
 Ethyl Benzene
 Concen: 19.905 ug/l
 RT: 10.189 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

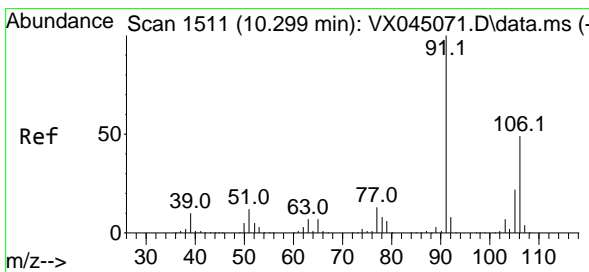
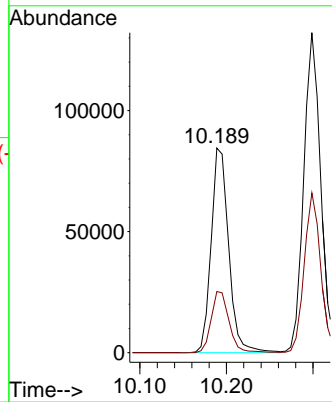
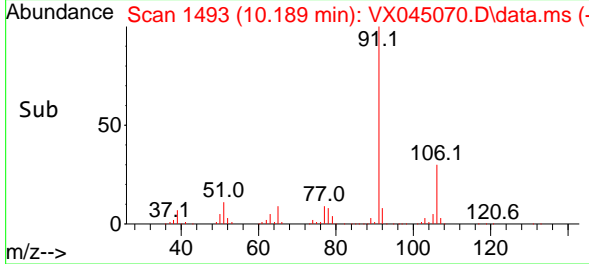


Tgt Ion: 91 Resp: 11916
 Ion Ratio Lower Upper
 91 100
 106 29.9 23.9 35.9

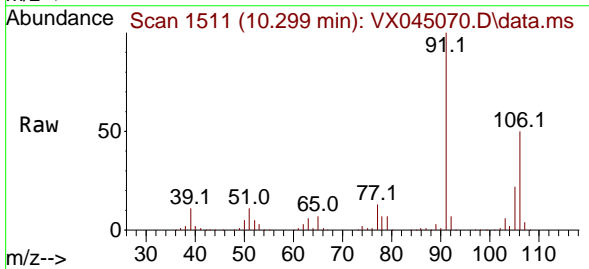
Manual Integrations

APPROVED

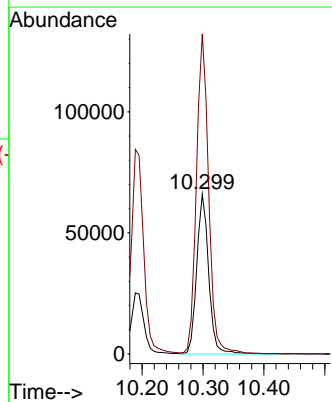
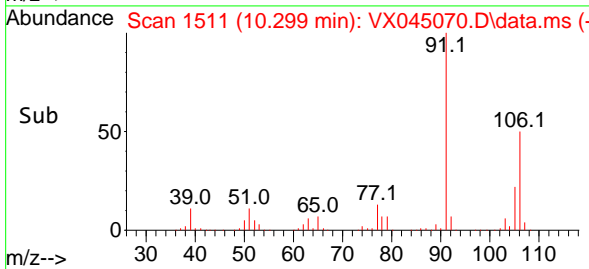
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

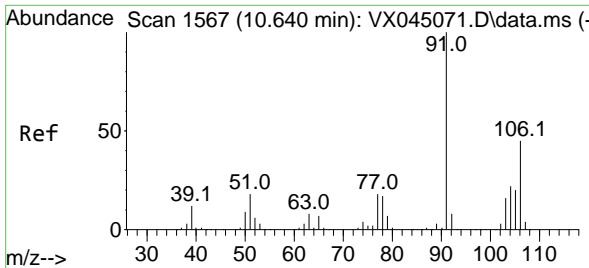


#68
 m/p-Xylenes
 Concen: 40.699 ug/l
 RT: 10.299 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:106 Resp: 89735
 Ion Ratio Lower Upper
 106 100
 91 204.2 165.4 248.0





#69
 o-Xylene
 Concen: 20.018 ug/l
 RT: 10.640 min Scan# 1567
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

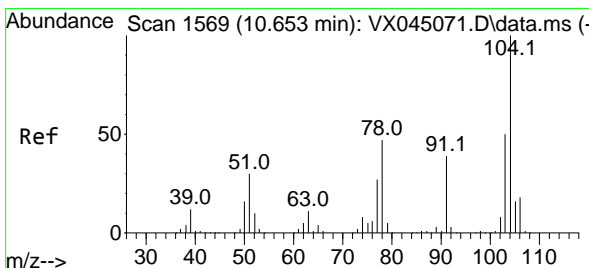
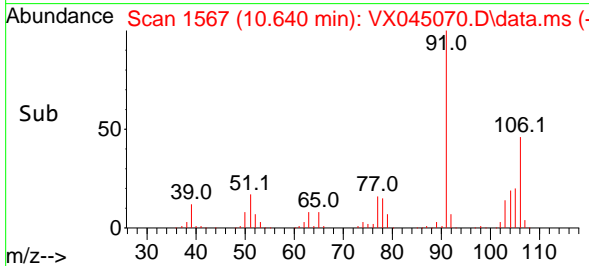
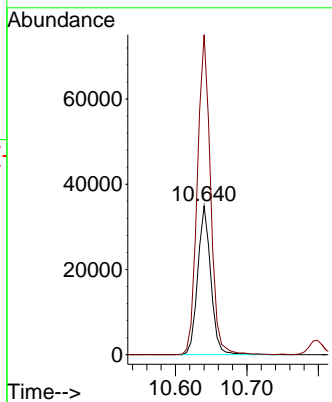
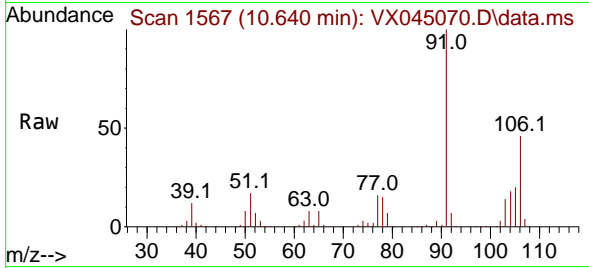
VSTDIC020

Tgt Ion:106 Resp: 4428
 Ion Ratio Lower Upper
 106 100
 91 216.8 109.9 329.6

Manual Integrations

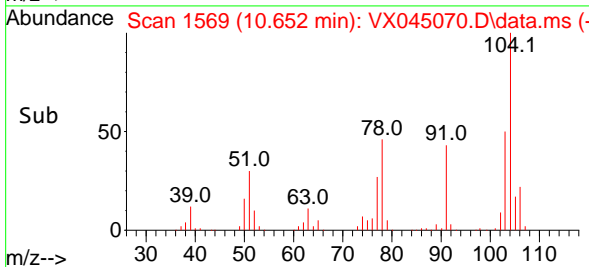
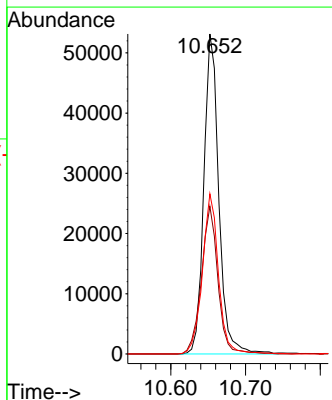
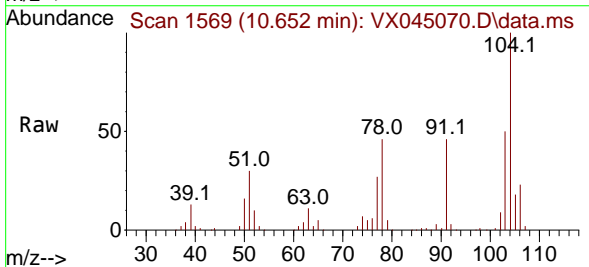
APPROVED

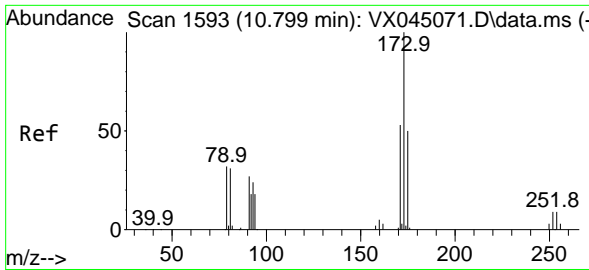
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#70
 Styrene
 Concen: 20.767 ug/l
 RT: 10.652 min Scan# 1569
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

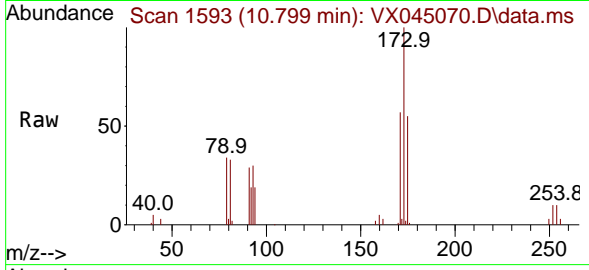
Tgt Ion:104 Resp: 73832
 Ion Ratio Lower Upper
 104 100
 78 50.9 42.2 63.4
 103 54.1 43.8 65.8





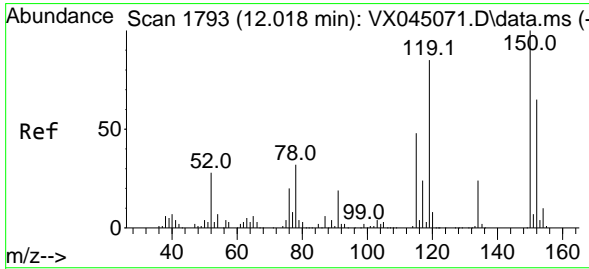
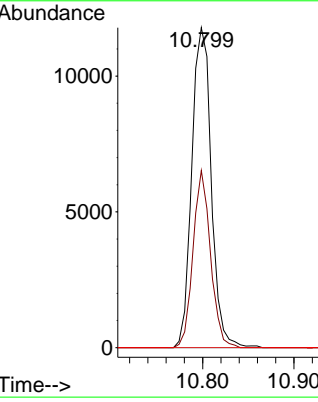
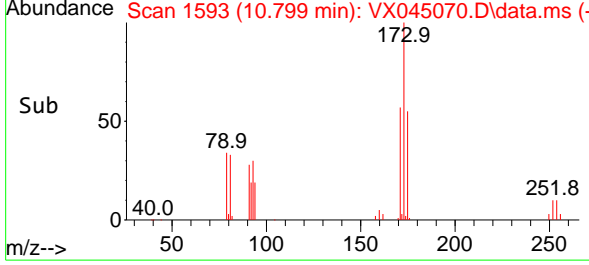
#71
 Bromoform
 Concen: 21.449 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :
 MSVOA_X
ClientSampleId :
 VSTDICC020

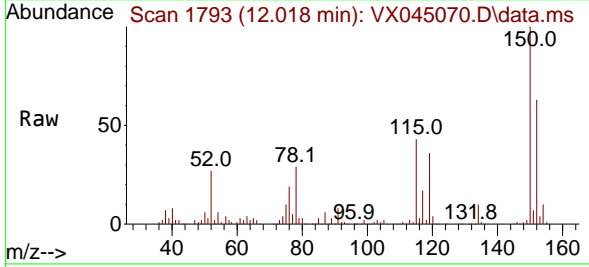


Tgt Ion:173 Resp: 1740
 Ion Ratio Lower Upper
 173 100
 175 49.7 24.6 73.6
 254 0.0 0.0 0.0

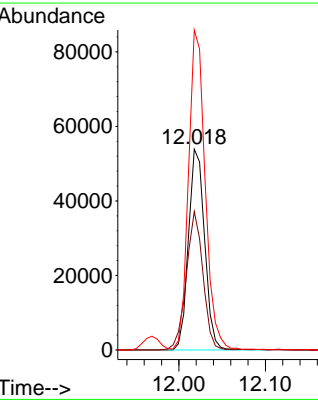
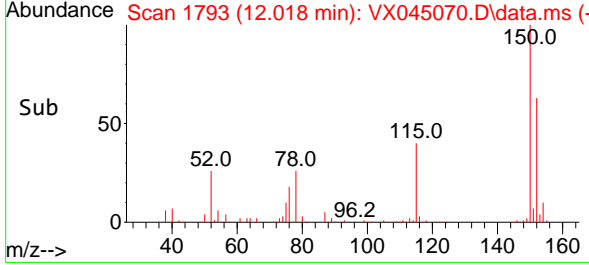
Manual Integrations
APPROVED
 Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

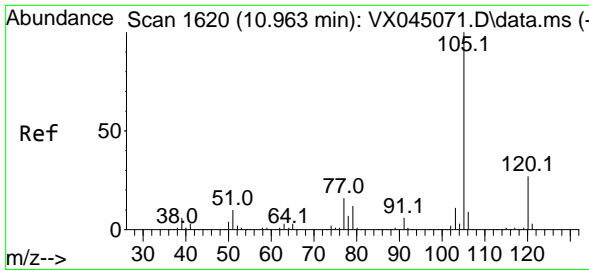


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:152 Resp: 70072
 Ion Ratio Lower Upper
 152 100
 115 70.9 44.2 132.6
 150 163.4 0.0 349.0





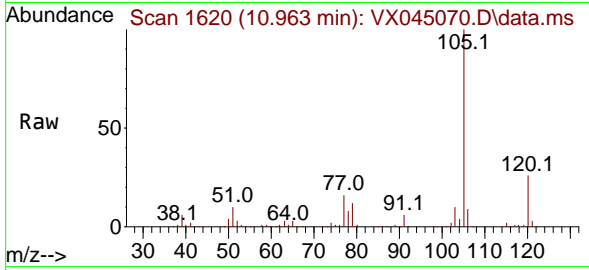
#73
 Isopropylbenzene
 Concen: 19.794 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



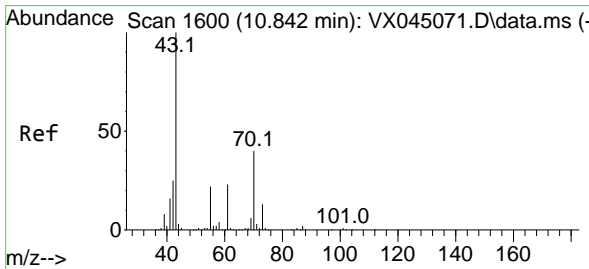
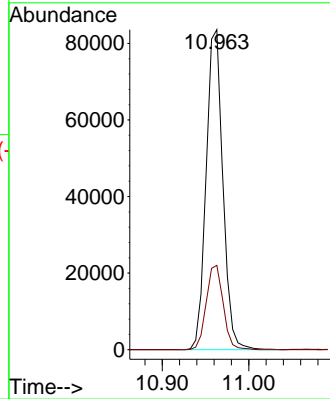
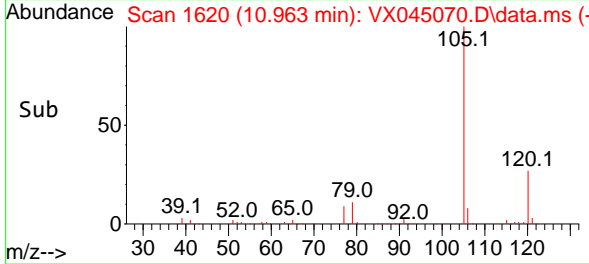
Tgt Ion: 105 Resp: 112099
 Ion Ratio Lower Upper
 105 100
 120 26.7 13.2 39.5

Manual Integrations

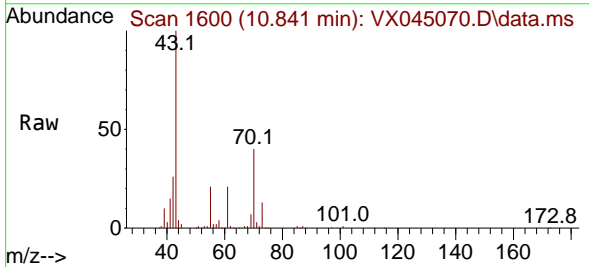
APPROVED

Reviewed By :John Carlone 02/28/2025

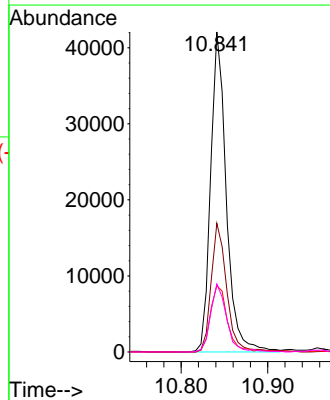
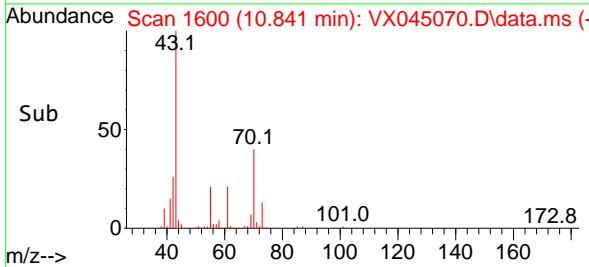
Supervised By :Mahesh Dadoda 02/28/2025

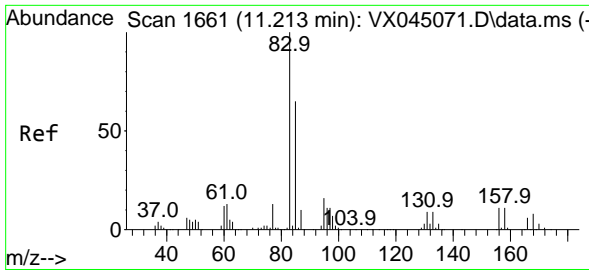


#74
 N-amy1 acetate
 Concen: 20.606 ug/l
 RT: 10.841 min Scan# 1600
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 43 Resp: 52972
 Ion Ratio Lower Upper
 43 100
 70 40.0 31.8 47.6
 55 23.0 18.3 27.5
 61 21.7 18.3 27.5





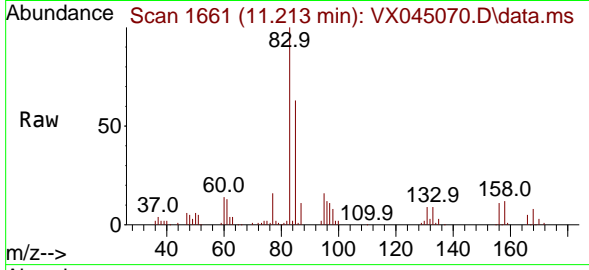
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.738 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020



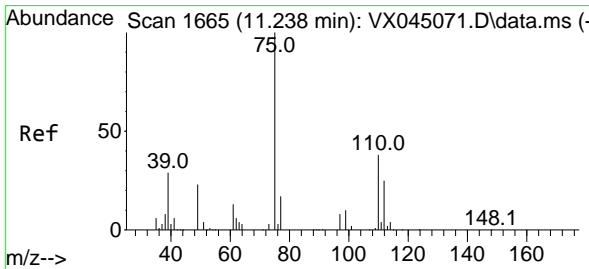
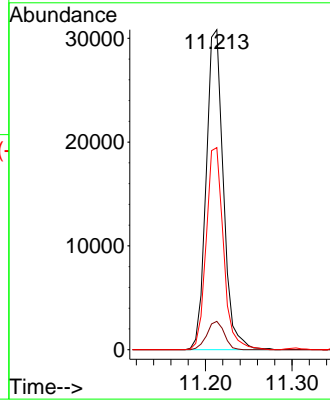
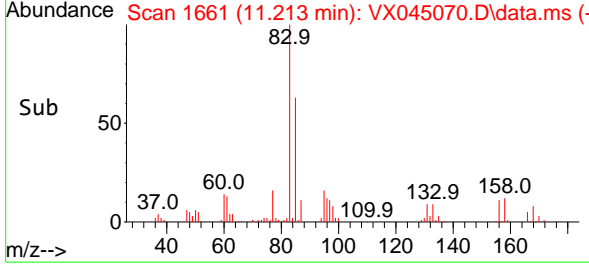
Tgt Ion: 83 Resp: 4241
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.4
 85 63.4 31.7 95.1

Manual Integrations

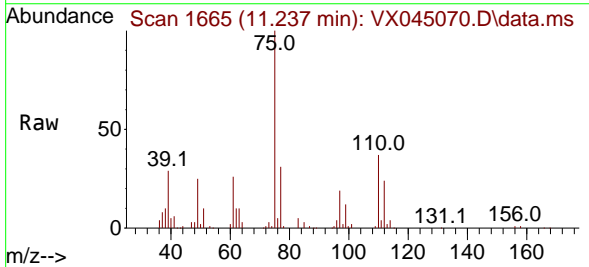
APPROVED

Reviewed By :John Carlone 02/28/2025

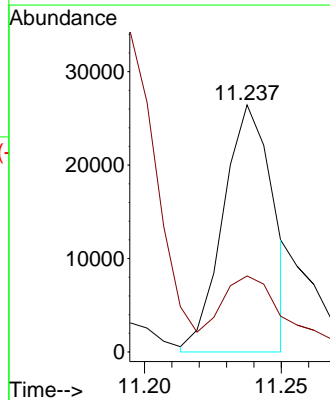
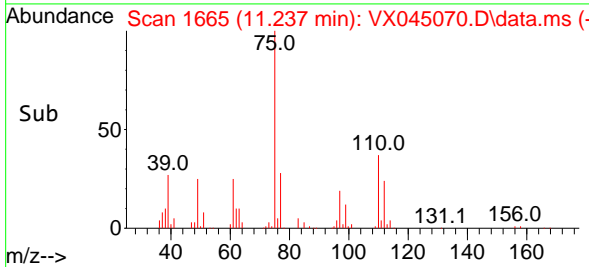
Supervised By :Mahesh Dadoda 02/28/2025

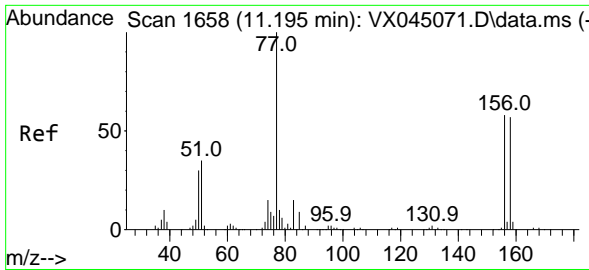


#76
 1,2,3-Trichloropropane
 Concen: 21.394 ug/l m
 RT: 11.237 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 75 Resp: 33440
 Ion Ratio Lower Upper
 75 100
 77 40.6 20.7 62.1





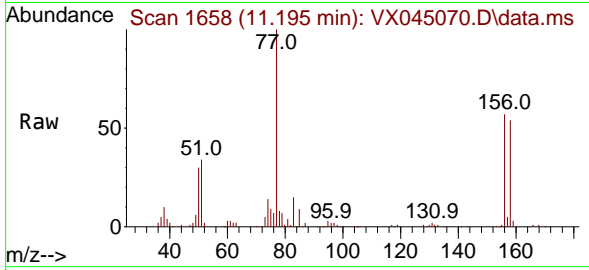
#77
 Bromobenzene
 Concen: 20.466 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



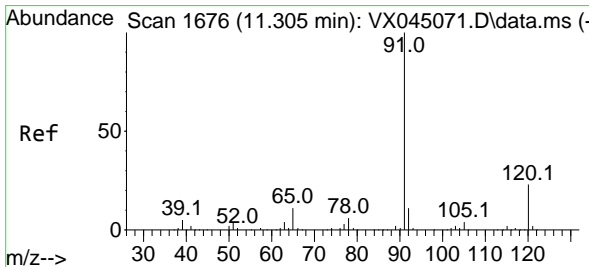
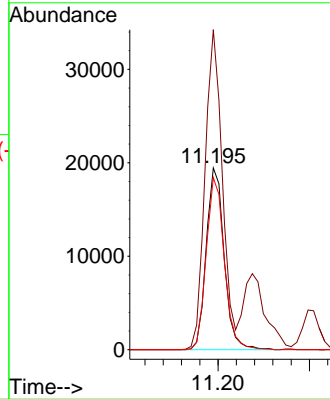
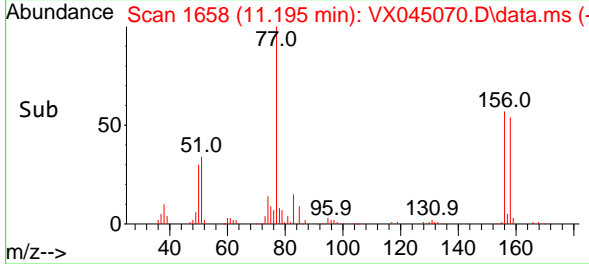
Tgt Ion:156 Resp: 26310
 Ion Ratio Lower Upper
 156 100
 77 170.2 85.8 257.4
 158 95.9 48.4 145.2

Manual Integrations

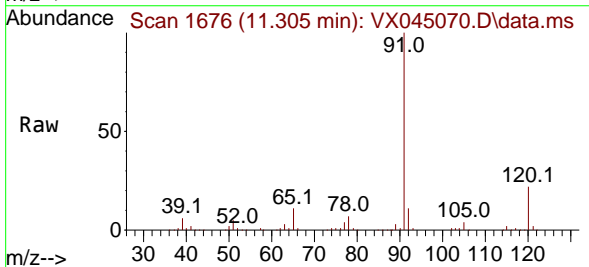
APPROVED

Reviewed By :John Carlone 02/28/2025

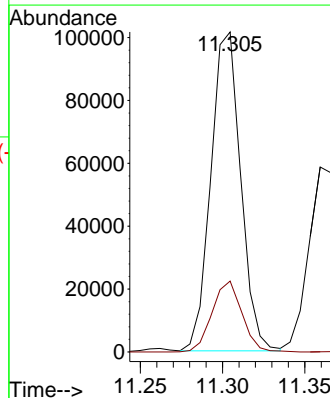
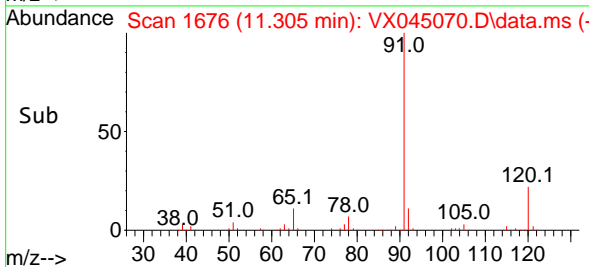
Supervised By :Mahesh Dadoda 02/28/2025

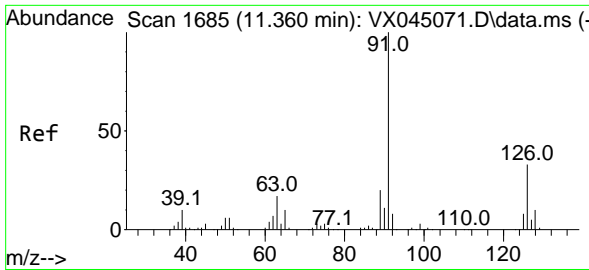


#78
 n-propylbenzene
 Concen: 19.641 ug/l
 RT: 11.305 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 91 Resp: 128284
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.2 33.6





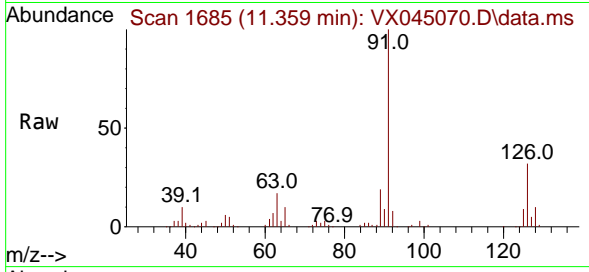
#79
 2-Chlorotoluene
 Concen: 19.775 ug/l
 RT: 11.359 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020



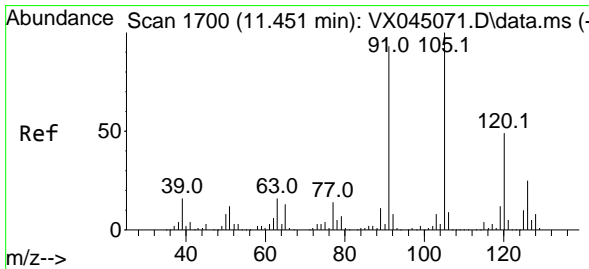
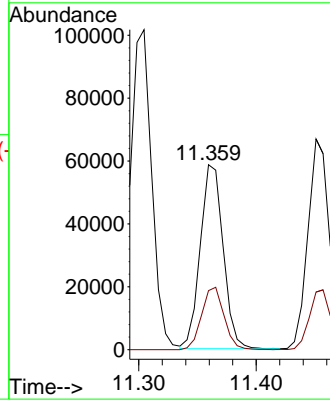
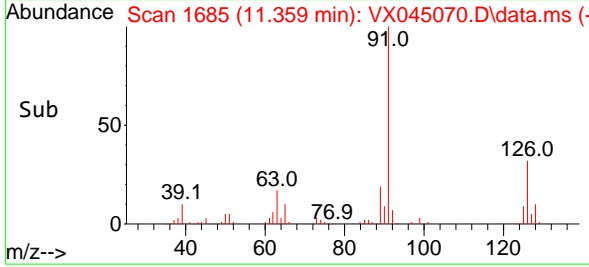
Tgt Ion: 91 Resp: 79275
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.4 49.4

Manual Integrations

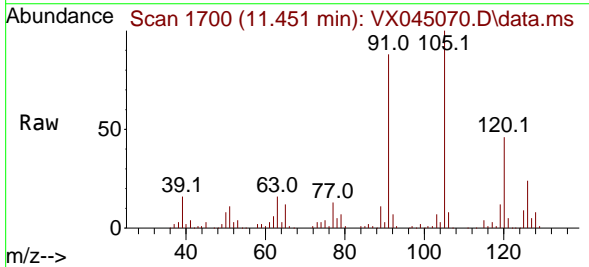
APPROVED

Reviewed By :John Carlone 02/28/2025

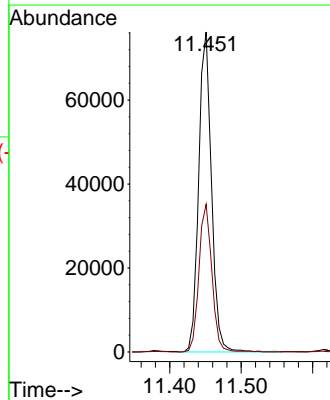
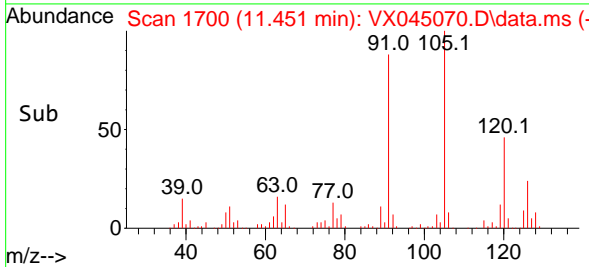
Supervised By :Mahesh Dadoda 02/28/2025

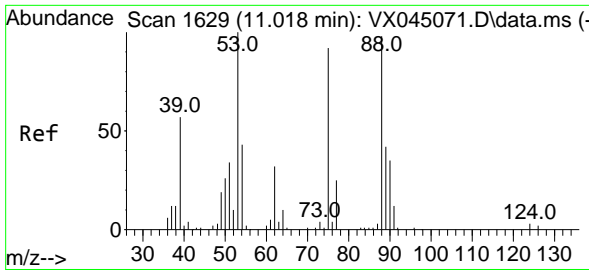


#80
 1,3,5-Trimethylbenzene
 Concen: 20.581 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:105 Resp: 94545
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.1 72.2





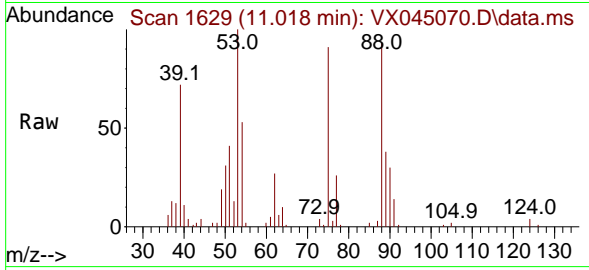
#81
 trans-1,4-Dichloro-2-butene
 Concen: 15.196 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



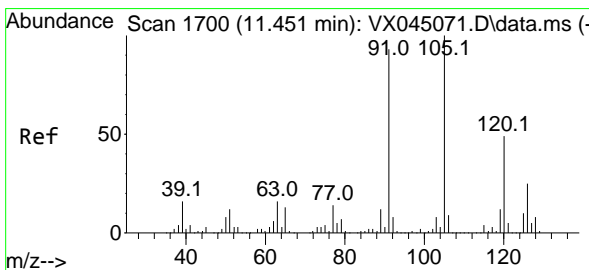
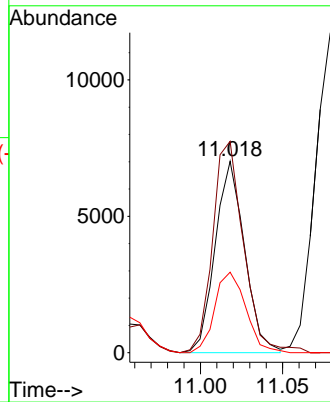
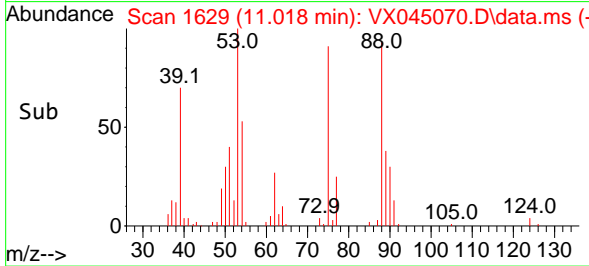
Tgt Ion: 75 Resp: 875
 Ion Ratio Lower Upper
 75 100
 53 115.4 88.5 132.7
 89 44.3 36.2 54.4

Manual Integrations

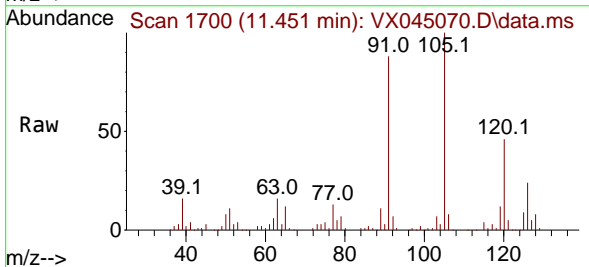
APPROVED

Reviewed By :John Carlone 02/28/2025

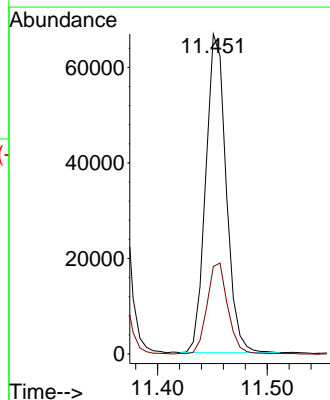
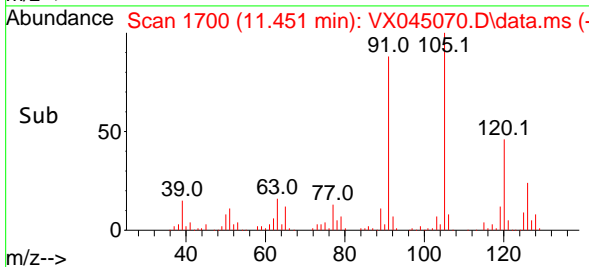
Supervised By :Mahesh Dadoda 02/28/2025

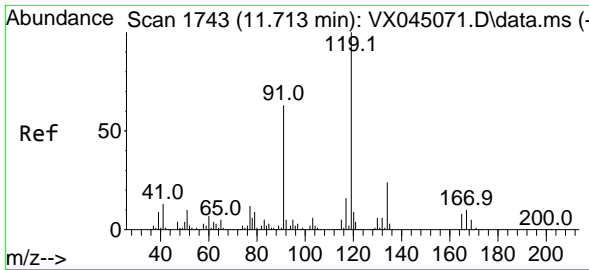


#82
 4-Chlorotoluene
 Concen: 19.443 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 91 Resp: 86281
 Ion Ratio Lower Upper
 91 100
 126 29.1 14.1 42.4





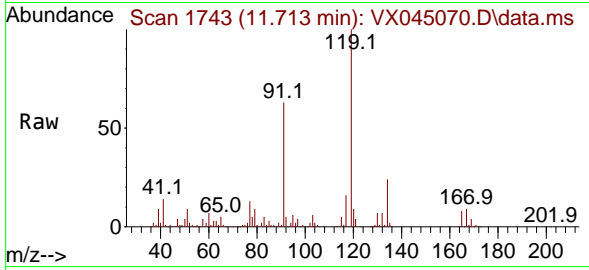
#83
 tert-Butylbenzene
 Concen: 20.159 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



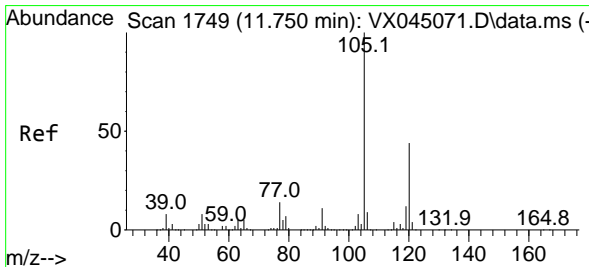
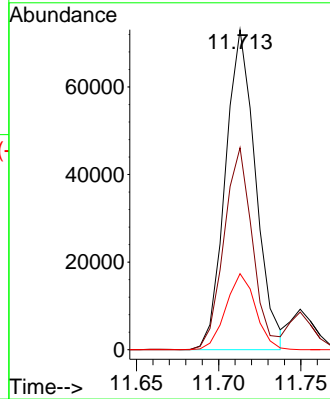
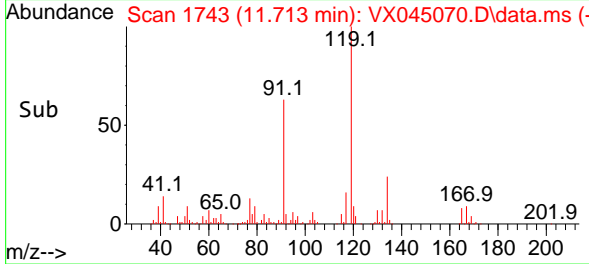
Tgt Ion:119 Resp: 93670
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.7 92.1
 134 23.4 11.7 35.0

Manual Integrations

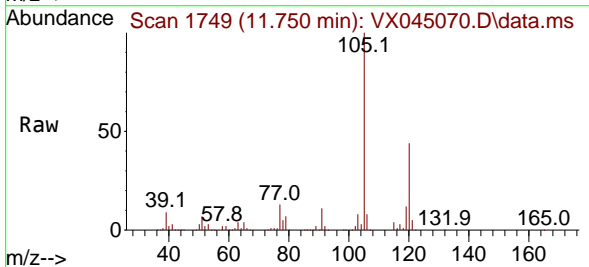
APPROVED

Reviewed By :John Carlone 02/28/2025

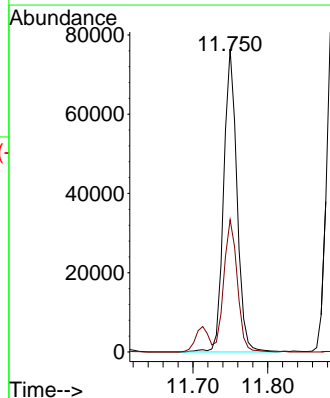
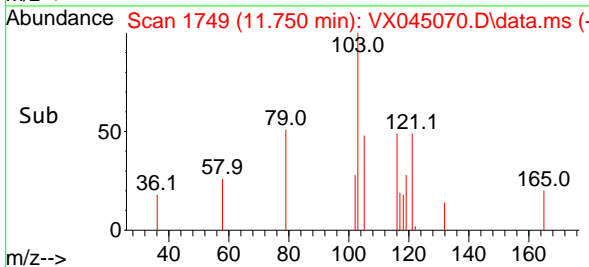
Supervised By :Mahesh Dadoda 02/28/2025

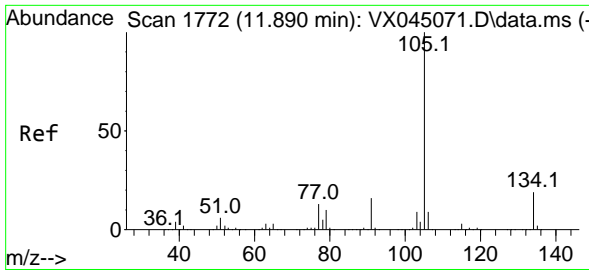


#84
 1,2,4-Trimethylbenzene
 Concen: 20.943 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:105 Resp: 94734
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.1





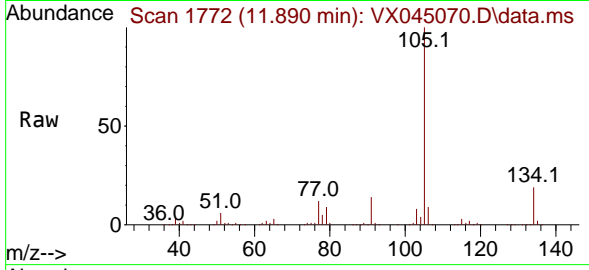
#85
 sec-Butylbenzene
 Concen: 20.160 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



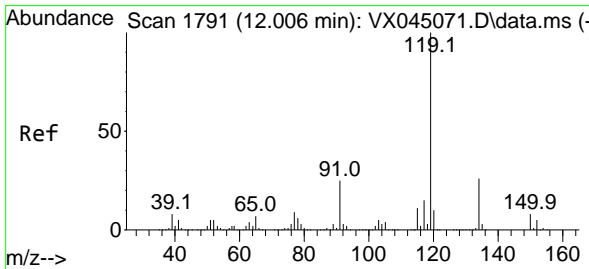
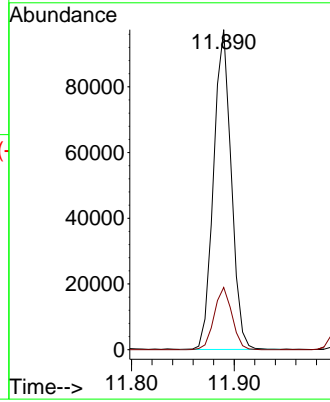
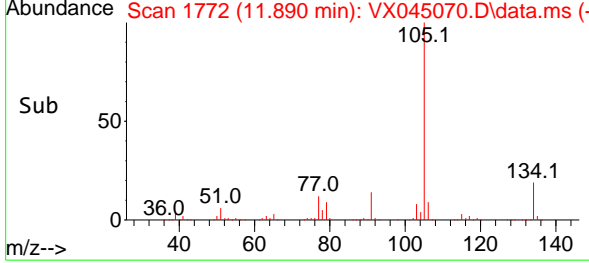
Tgt Ion:105 Resp: 11595
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations

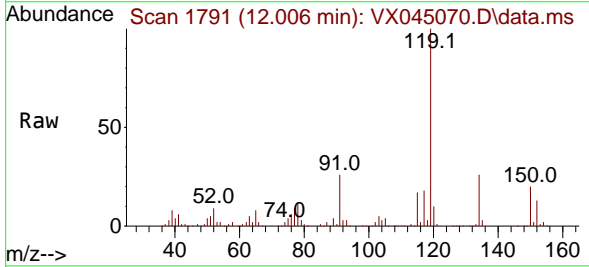
APPROVED

Reviewed By :John Carlone 02/28/2025

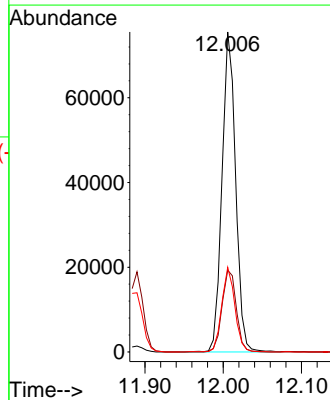
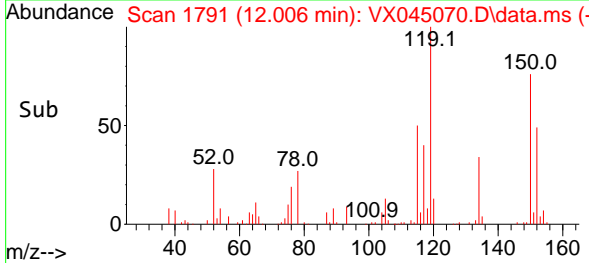
Supervised By :Mahesh Dadoda 02/28/2025

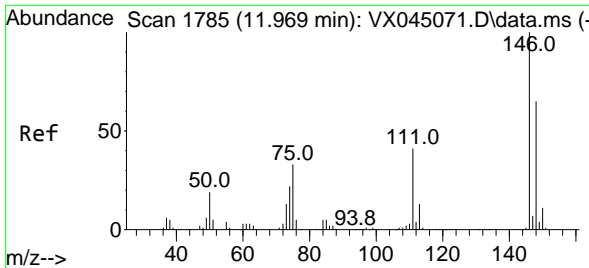


#86
 p-Isopropyltoluene
 Concen: 19.827 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



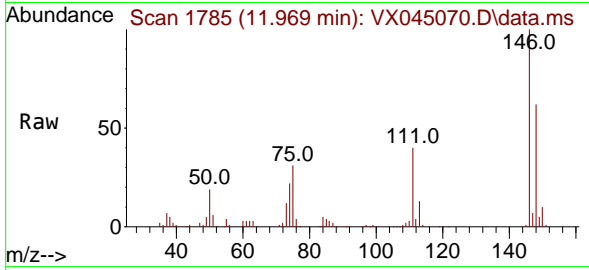
Tgt Ion:119 Resp: 91554
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.6
 91 25.6 12.7 38.0





#87
 1,3-Dichlorobenzene
 Concen: 20.400 ug/l
 RT: 11.969 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

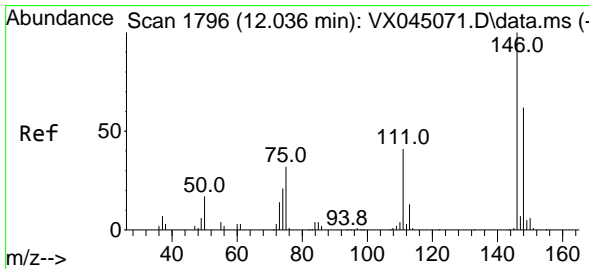
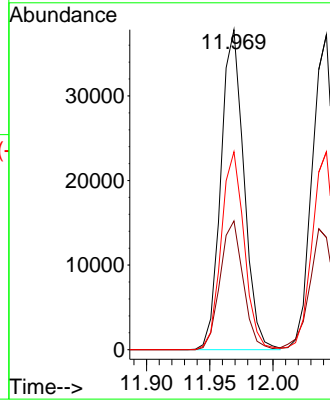
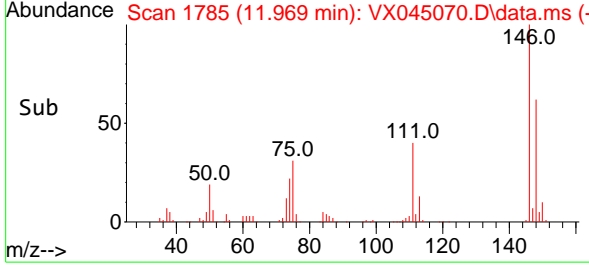
Instrument : MSVOA_X
 Client Sample Id : VSTDIC020



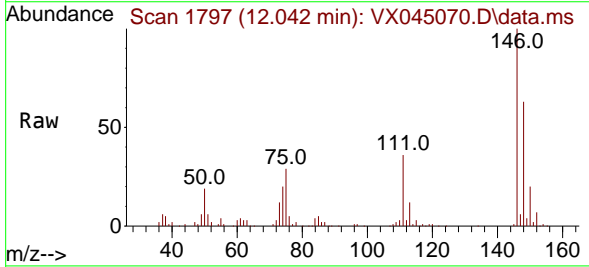
Tgt Ion:146 Resp: 47934
 Ion Ratio Lower Upper
 146 100
 111 40.2 21.1 63.4
 148 61.6 31.9 95.7

Manual Integrations
 APPROVED

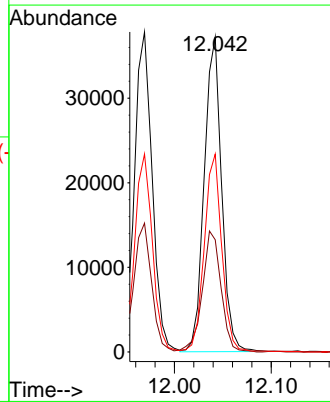
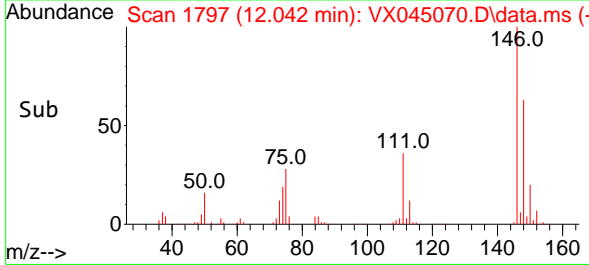
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

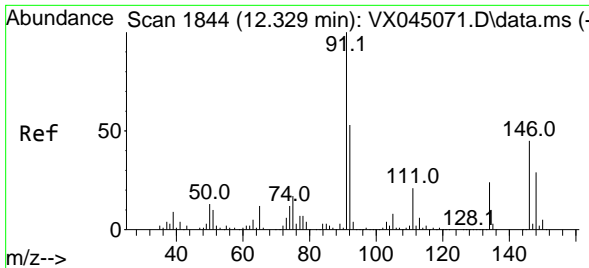


#88
 1,4-Dichlorobenzene
 Concen: 19.615 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:146 Resp: 46657
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.2 60.5
 148 63.8 31.9 95.9





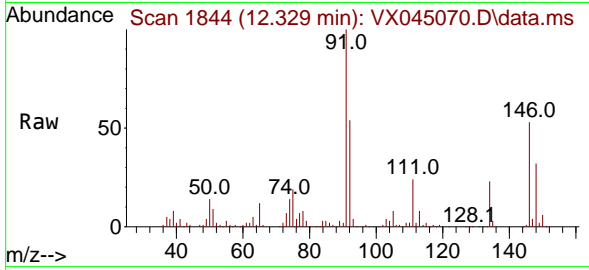
#89
 n-Butylbenzene
 Concen: 19.249 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020

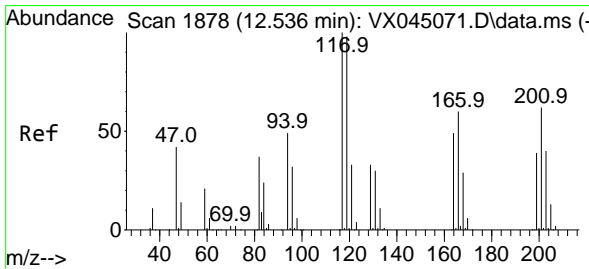
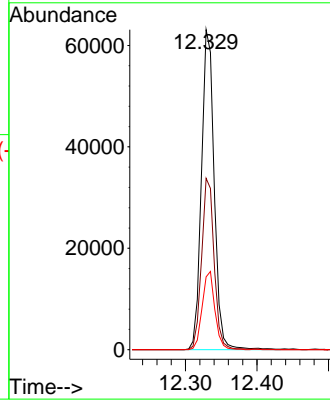
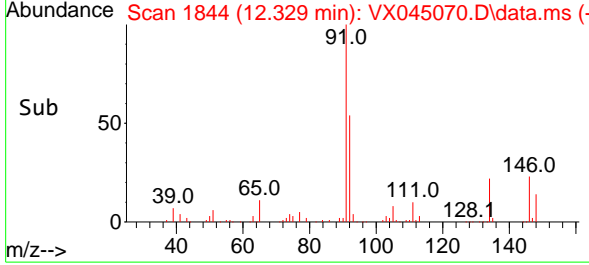


Tgt Ion: 91 Resp: 7813
 Ion Ratio Lower Upper
 91 100
 92 52.9 26.7 80.0
 134 24.3 12.2 36.6

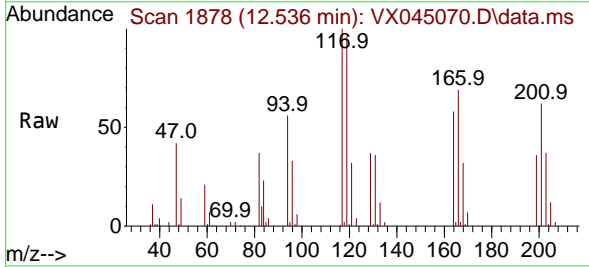
Manual Integrations

APPROVED

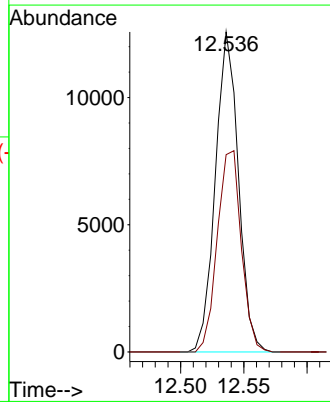
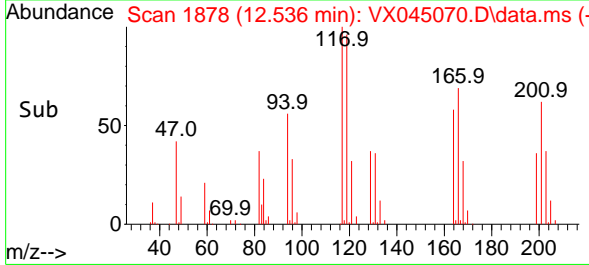
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

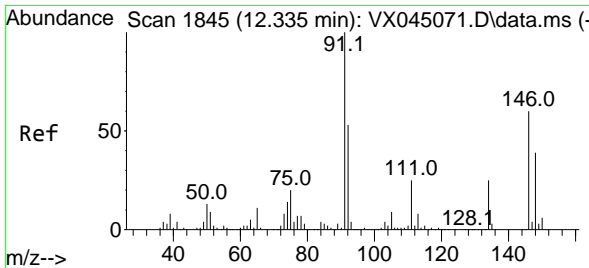


#90
 Hexachloroethane
 Concen: 18.483 ug/l
 RT: 12.536 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 117 Resp: 15919
 Ion Ratio Lower Upper
 117 100
 201 65.6 31.9 95.9





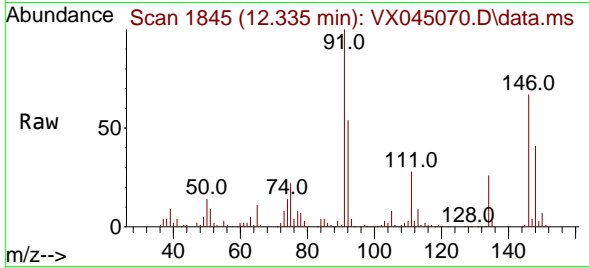
#91
 1,2-Dichlorobenzene
 Concen: 21.031 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020

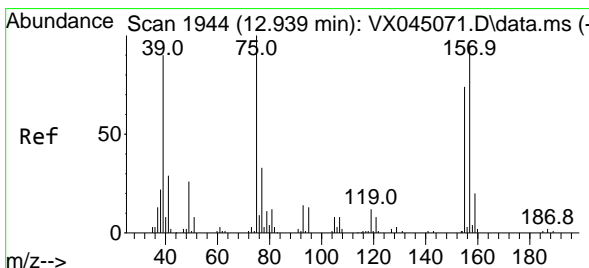
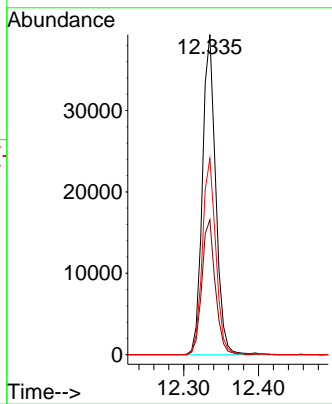
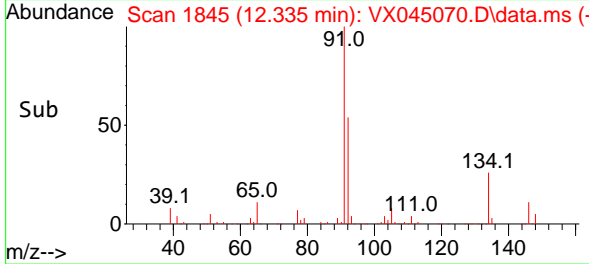


Tgt Ion: 146 Resp: 4863
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.6 65.0
 148 62.1 31.9 95.9

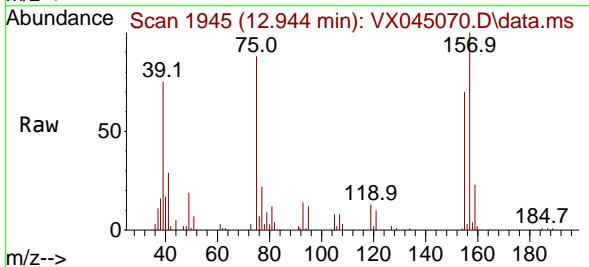
Manual Integrations

APPROVED

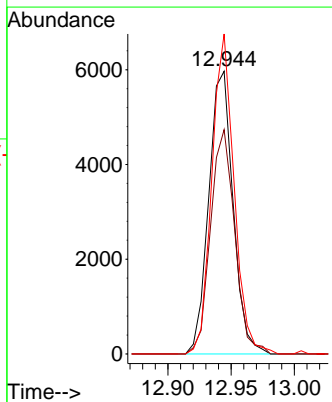
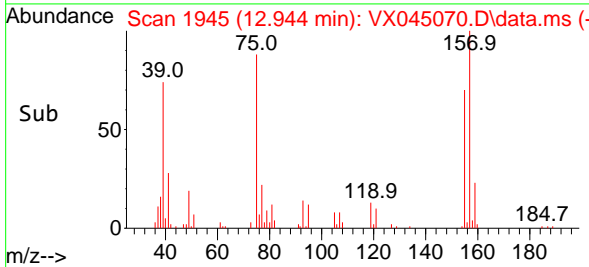
Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

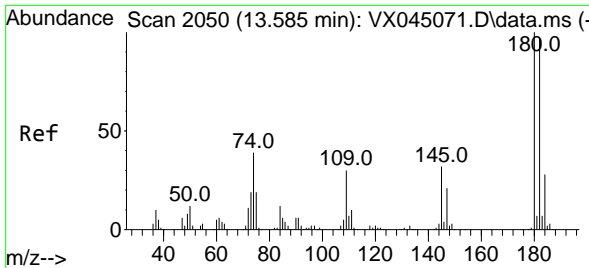


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.119 ug/l
 RT: 12.944 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion: 75 Resp: 7987
 Ion Ratio Lower Upper
 75 100
 155 78.7 39.6 118.7
 157 103.3 51.1 153.4





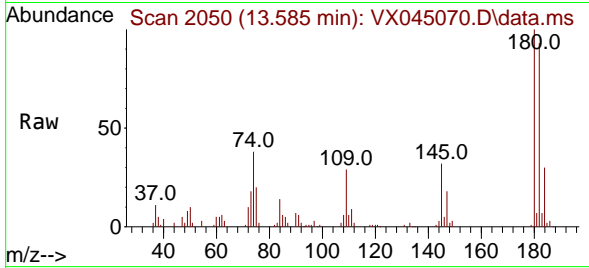
#93
 1,2,4-Trichlorobenzene
 Concen: 19.617 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



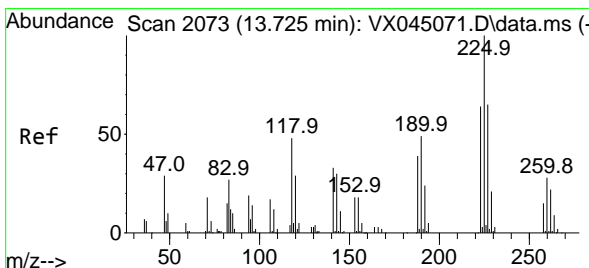
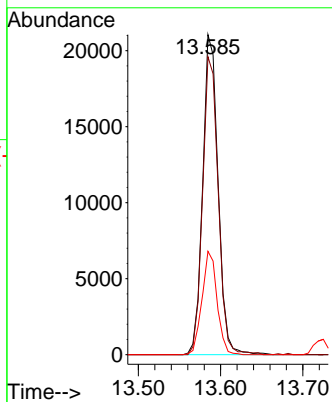
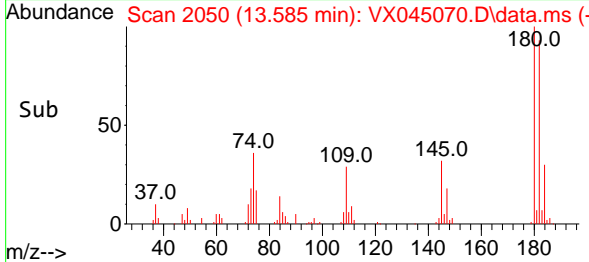
Tgt Ion:180 Resp: 2742
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 141.9
 145 31.5 16.3 48.9

Manual Integrations

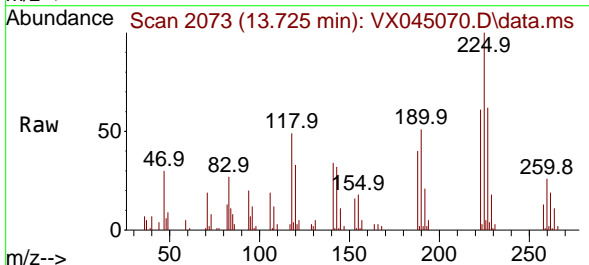
APPROVED

Reviewed By :John Carlone 02/28/2025

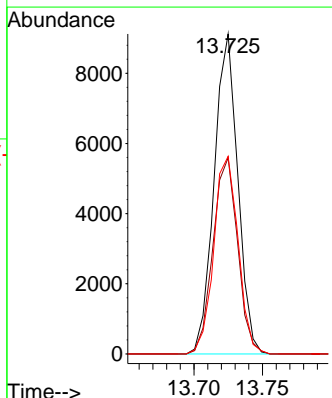
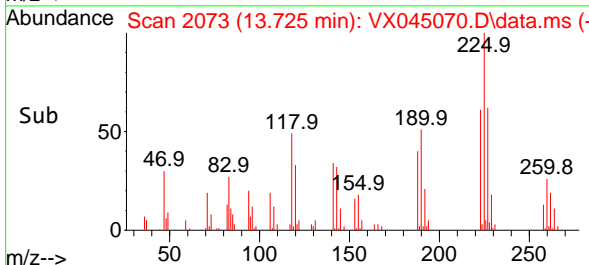
Supervised By :Mahesh Dadoda 02/28/2025

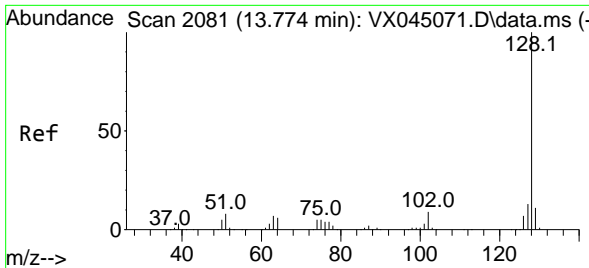


#94
 Hexachlorobutadiene
 Concen: 19.616 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:225 Resp: 10934
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.7
 227 63.7 31.4 94.0





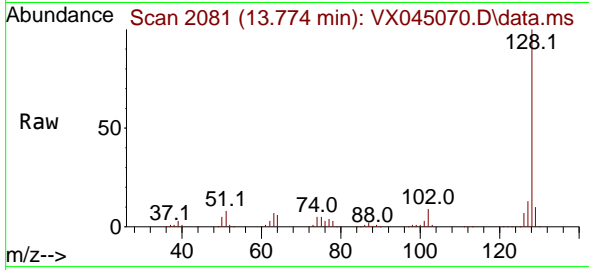
#95
 Naphthalene
 Concen: 21.279 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020



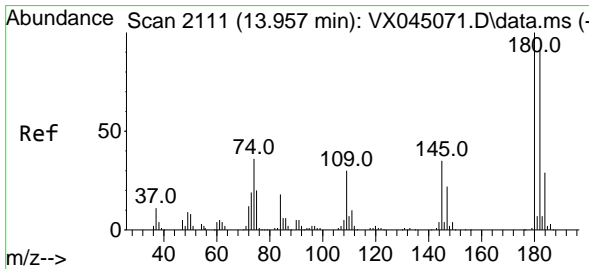
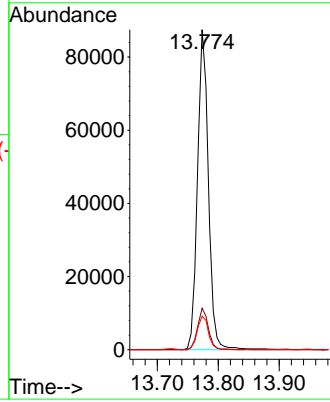
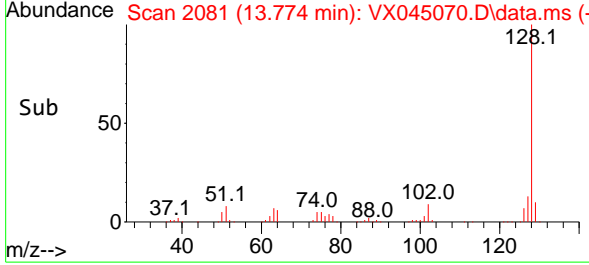
Tgt Ion:128 Resp: 108350
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.8 8.7 13.1

Manual Integrations

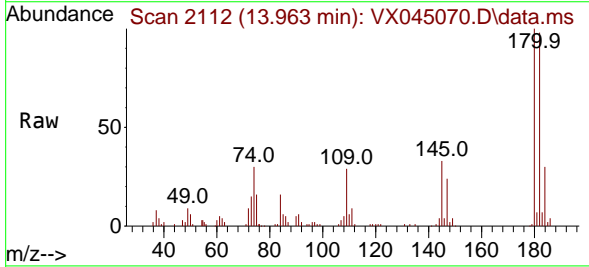
APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 20.432 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX045070.D
 Acq: 28 Feb 2025 02:37



Tgt Ion:180 Resp: 28937
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.5 142.6
 145 33.7 17.0 50.9

