

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044948.D
 Acq On : 14 Feb 2025 10:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 14 22:10:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.537	168	111649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	194847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	171164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81025	49.577	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.160%			
35) Dibromofluoromethane	5.373	113	65208	51.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.640	98	239910	50.081	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.160%			
62) 4-Bromofluorobenzene	11.079	95	85808	53.134	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	83333	53.216	ug/l	100
3) Chloromethane	1.300	50	95413	50.063	ug/l	98
4) Vinyl Chloride	1.373	62	89675	48.568	ug/l	100
5) Bromomethane	1.593	94	31780	57.519	ug/l	98
6) Chloroethane	1.666	64	48225	75.147	ug/l	99
7) Trichlorofluoromethane	1.873	101	122436	52.436	ug/l	99
8) Diethyl Ether	2.129	74	44034	52.000	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	73285	51.947	ug/l	99
10) Methyl Iodide	2.446	142	96895	52.995	ug/l	98
11) Tert butyl alcohol	2.971	59	74583	245.988	ug/l	99
12) 1,1-Dichloroethene	2.312	96	71069	49.386	ug/l	98
13) Acrolein	2.233	56	85239	272.483	ug/l	99
14) Allyl chloride	2.654	41	130324	50.110	ug/l	98
15) Acrylonitrile	3.056	53	210836	260.443	ug/l	98
16) Acetone	2.379	43	173217	263.641	ug/l	97
17) Carbon Disulfide	2.501	76	182069	46.138	ug/l	100
18) Methyl Acetate	2.696	43	109619	52.872	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	230346	50.309	ug/l	99
20) Methylene Chloride	2.782	84	79188	49.206	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	70029	49.443	ug/l	92
22) Diisopropyl ether	3.751	45	255981	52.025	ug/l	93
23) Vinyl Acetate	3.715	43	1041556	259.654	ug/l	99
24) 1,1-Dichloroethane	3.599	63	139363	50.620	ug/l	99
25) 2-Butanone	4.550	43	282901	265.167	ug/l	97
26) 2,2-Dichloropropane	4.458	77	108637	49.758	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	85121	50.033	ug/l	99
28) Bromochloromethane	4.885	49	66328	50.132	ug/l	100
29) Tetrahydrofuran	4.989	42	183098	258.456	ug/l	99
30) Chloroform	5.080	83	135270	50.664	ug/l	97
31) Cyclohexane	5.458	56	123125	48.511	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	114641	50.622	ug/l	99
36) 1,1-Dichloropropene	5.684	75	92569	50.648	ug/l	100
37) Ethyl Acetate	4.702	43	107447	52.854	ug/l	98
38) Carbon Tetrachloride	5.665	117	96084	53.647	ug/l	97
39) Methylcyclohexane	7.372	83	126678	53.611	ug/l	98
40) Benzene	6.025	78	295171	51.720	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	62502	57.439	ug/l	99
42) 1,2-Dichloroethane	6.080	62	99367	54.630	ug/l	99
43) Isopropyl Acetate	6.330	43	178056	54.238	ug/l	99
44) Trichloroethene	7.116	130	68729	52.686	ug/l	99
45) 1,2-Dichloropropane	7.421	63	73954	52.086	ug/l	98
46) Dibromomethane	7.574	93	52099	52.910	ug/l	99
47) Bromodichloromethane	7.817	83	104667	54.897	ug/l	94
48) Methyl methacrylate	7.683	41	84452	54.559	ug/l	98
49) 1,4-Dioxane	7.659	88	35851	1079.521	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	573871	287.542	ug/l	99
52) Toluene	8.714	92	177622	52.259	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	102427	53.088	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	115454	53.670	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	69992	53.569	ug/l	99
56) Ethyl methacrylate	9.110	69	113350	53.714	ug/l	96
57) 1,3-Dichloropropane	9.305	76	122833	53.730	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	281369	271.549	ug/l	100
59) 2-Hexanone	9.427	43	419224	291.536	ug/l	97
60) Dibromochloromethane	9.518	129	76923	55.049	ug/l	100
61) 1,2-Dibromoethane	9.604	107	70254	53.050	ug/l	99
64) Tetrachloroethene	9.268	164	56785	52.606	ug/l	96
65) Chlorobenzene	10.073	112	191305	52.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	63533	53.691	ug/l	99
67) Ethyl Benzene	10.189	91	341272	52.604	ug/l	98
68) m/p-Xylenes	10.299	106	253071	105.747	ug/l	99
69) o-Xylene	10.640	106	125488	52.257	ug/l	100
70) Styrene	10.652	104	212892	55.028	ug/l	99
71) Bromoform	10.799	173	50298	56.956	ug/l #	98
73) Isopropylbenzene	10.957	105	323452	50.759	ug/l	100
74) N-amyl acetate	10.841	43	151995	52.711	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	108280	49.450	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89855m	51.210	ug/l	
77) Bromobenzene	11.195	156	74813	51.785	ug/l	97
78) n-propylbenzene	11.299	91	383227	52.104	ug/l	100
79) 2-Chlorotoluene	11.359	91	227346	50.293	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	269593	52.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	34484	50.555	ug/l	95
82) 4-Chlorotoluene	11.451	91	260241	52.037	ug/l	100
83) tert-Butylbenzene	11.713	119	271023	51.808	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	273444	53.576	ug/l	98
85) sec-Butylbenzene	11.890	105	345172	53.285	ug/l	99
86) p-Isopropyltoluene	12.006	119	281168	53.974	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	138952	52.302	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	137282	51.107	ug/l	98
89) n-Butylbenzene	12.329	91	259957	56.406	ug/l	100
90) Hexachloroethane	12.536	117	50444	51.715	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	134948	51.683	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21467	53.715	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	83444	52.814	ug/l	100
94) Hexachlorobutadiene	13.725	225	33686	53.707	ug/l	100
95) Naphthalene	13.774	128	298494	52.263	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	84247	52.918	ug/l	99

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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

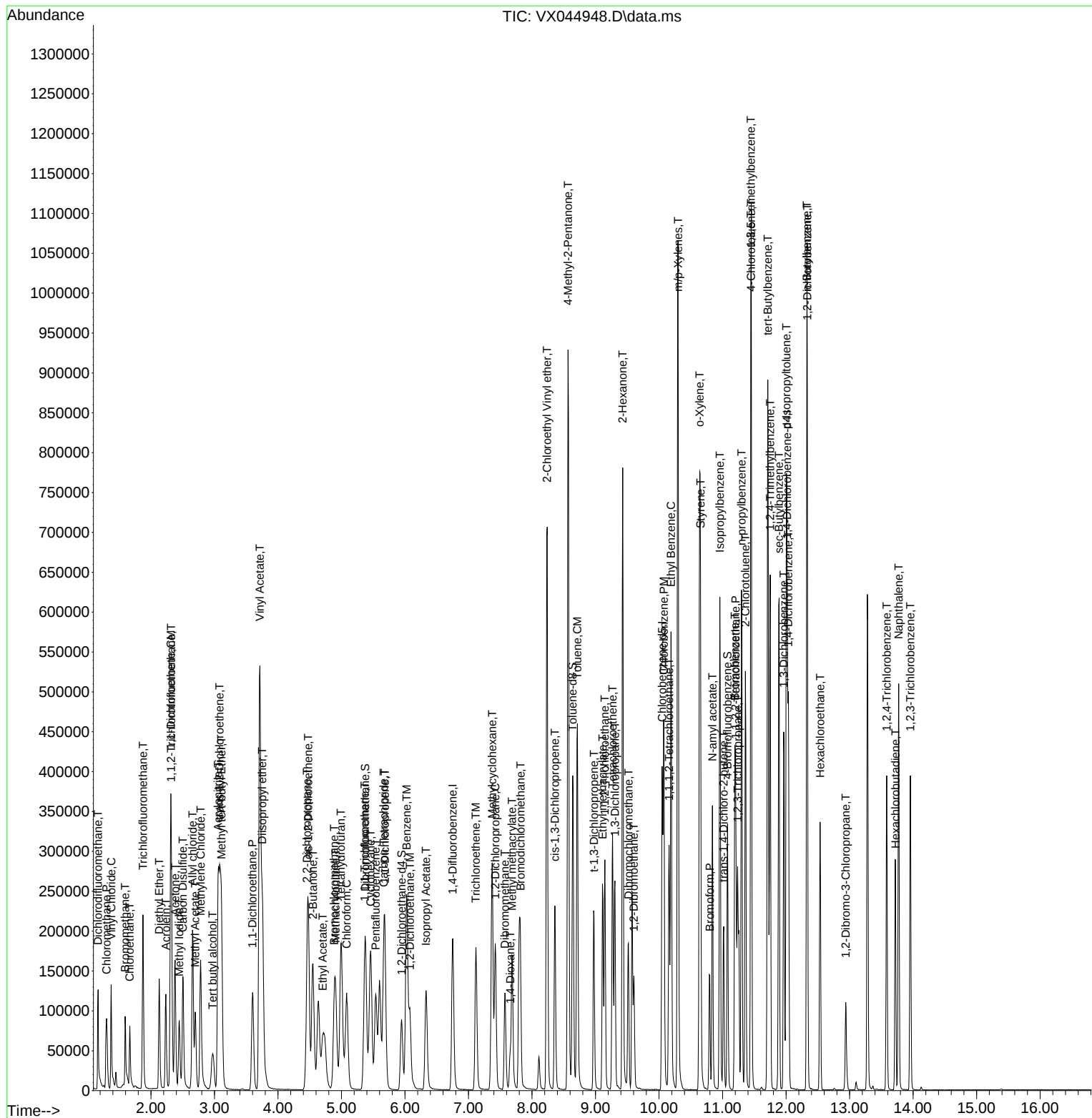
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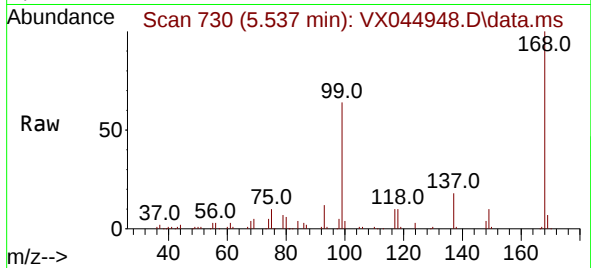
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044948.D
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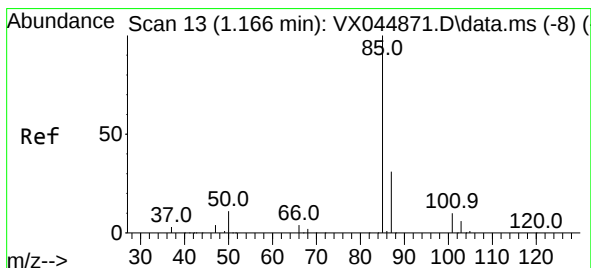
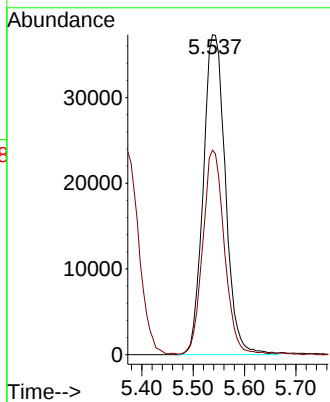
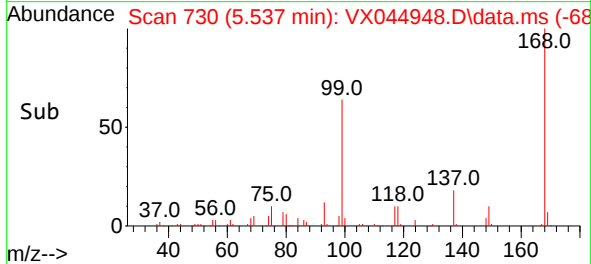
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Tgt Ion:168 Resp: 111649
Ion Ratio Lower Upper
168 100
99 63.7 51.2 76.8

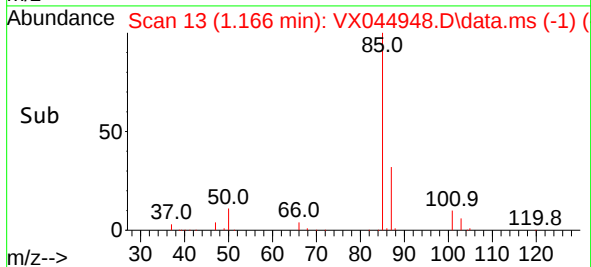
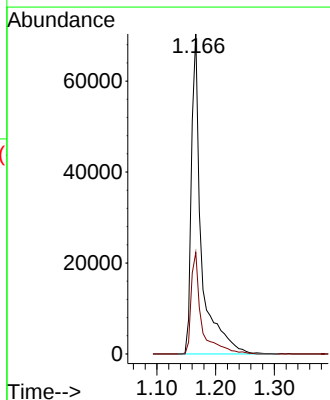
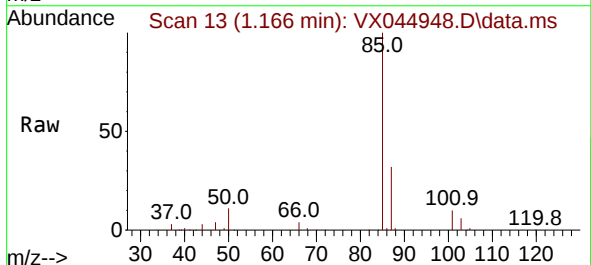
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#2
Dichlorodifluoromethane
Concen: 53.216 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion: 85 Resp: 83333
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.3





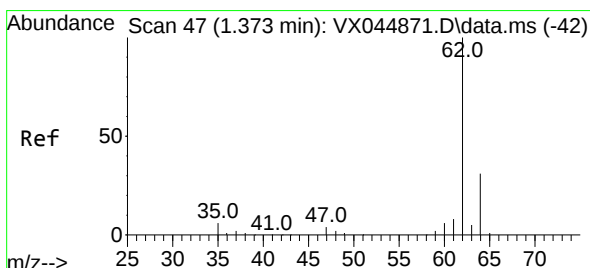
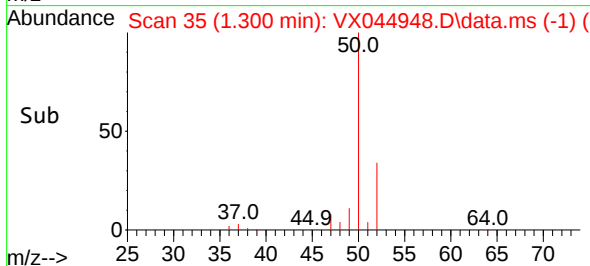
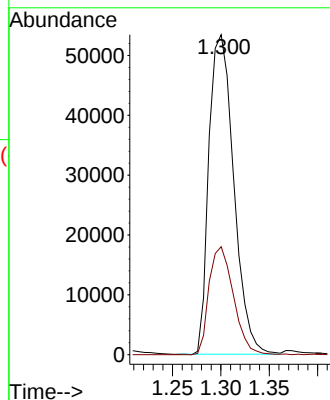
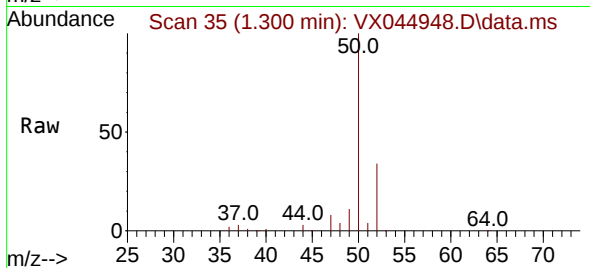
#3
Chloromethane
Concen: 50.063 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 9541
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9

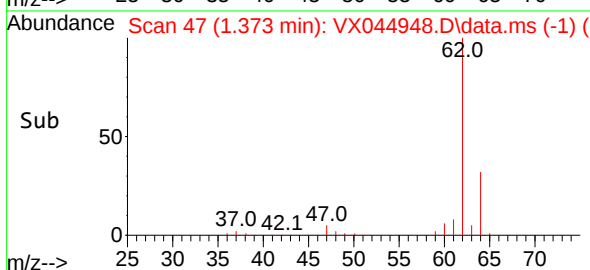
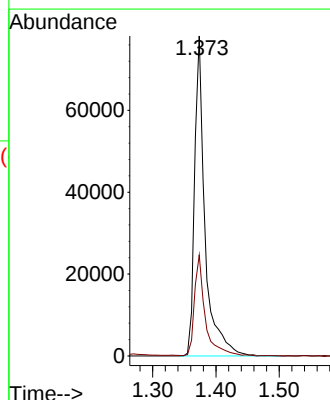
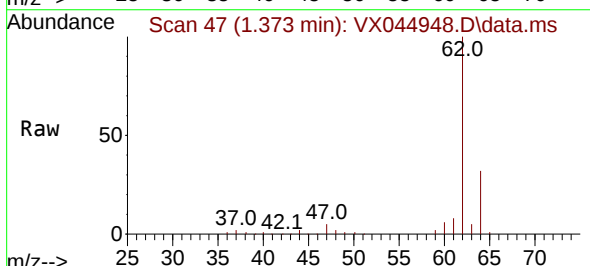
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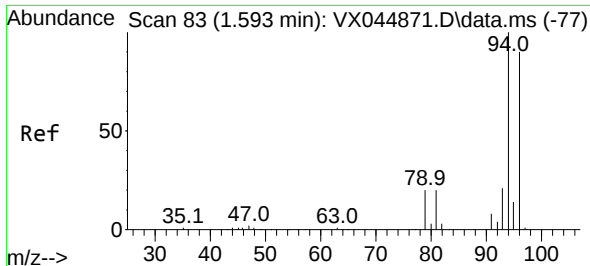
Reviewed By :John Carlone 02/18/2025
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#4
Vinyl Chloride
Concen: 48.568 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

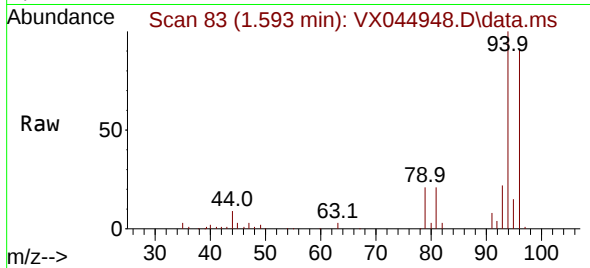
Tgt Ion: 62 Resp: 89675
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 57.519 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

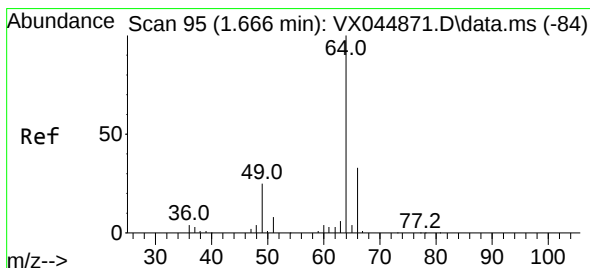
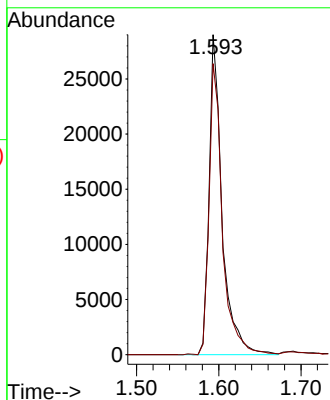
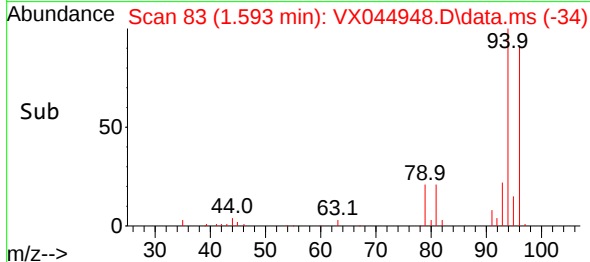
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Tgt Ion: 94 Resp: 31780
Ion Ratio Lower Upper
94 100
96 91.0 71.6 107.4

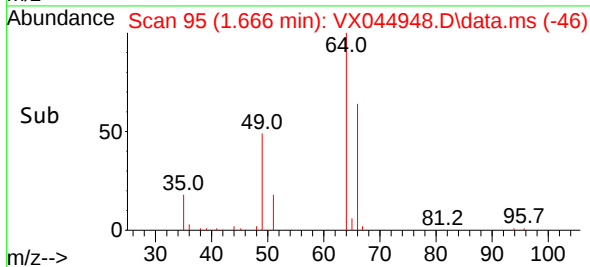
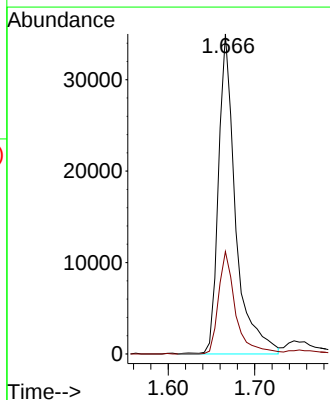
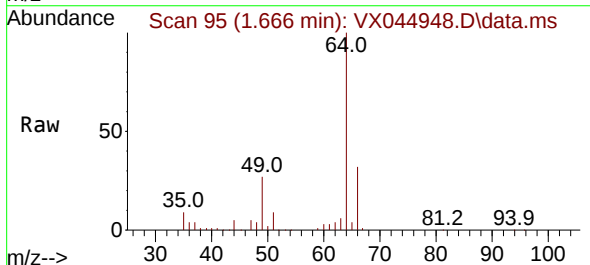
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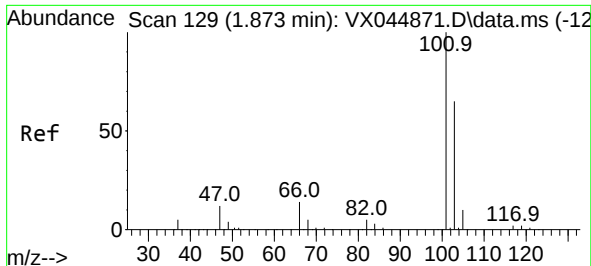
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#6
Chloroethane
Concen: 75.147 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044948.D
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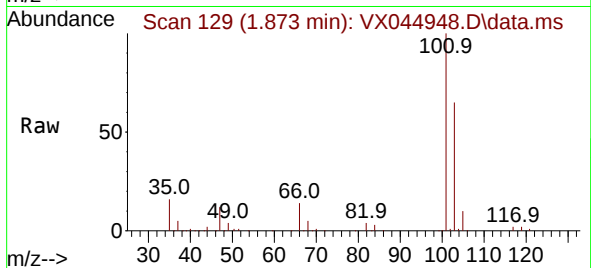
Tgt Ion: 64 Resp: 48225
Ion Ratio Lower Upper
64 100
66 32.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 52.436 ug/l
RT: 1.873 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX044948.D
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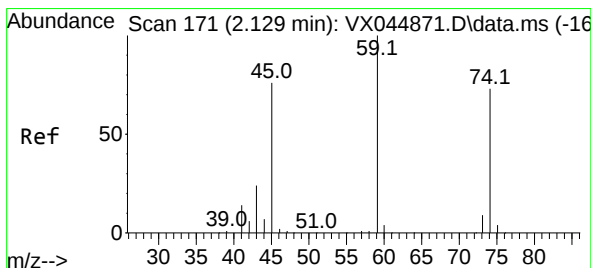
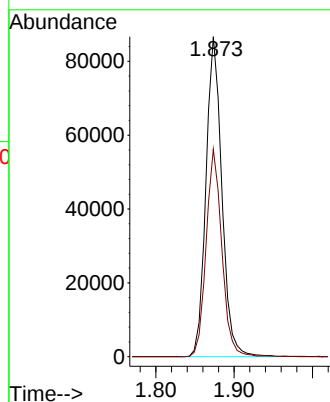
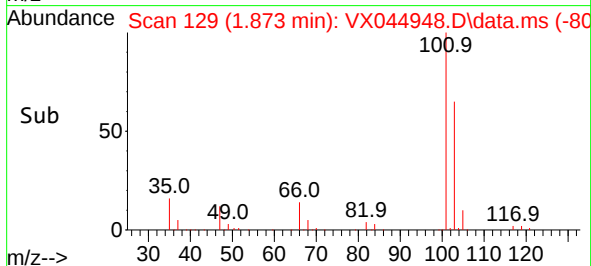
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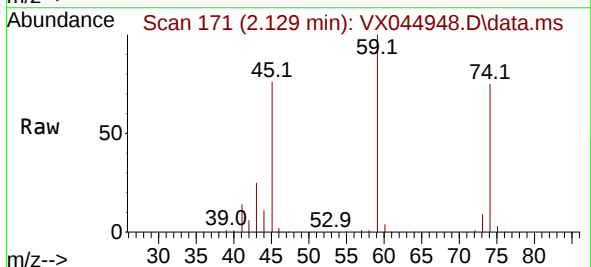
Tgt Ion:101 Resp: 122436
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6

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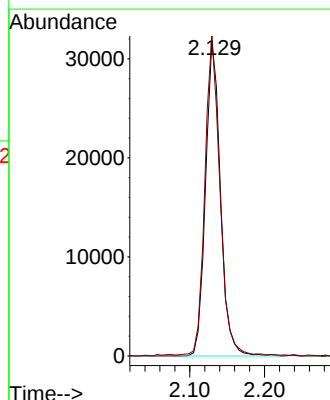
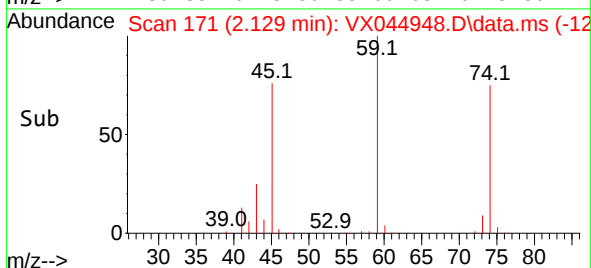
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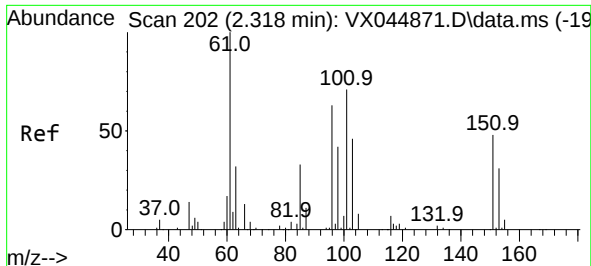


#8
Diethyl Ether
Concen: 52.000 ug/l
RT: 2.129 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



Tgt Ion: 74 Resp: 44034
Ion Ratio Lower Upper
74 100
45 103.4 51.1 153.4





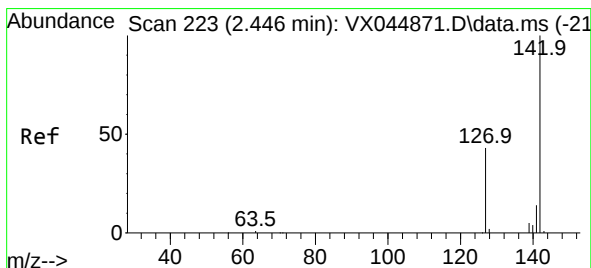
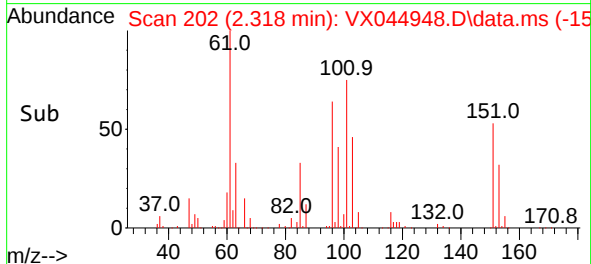
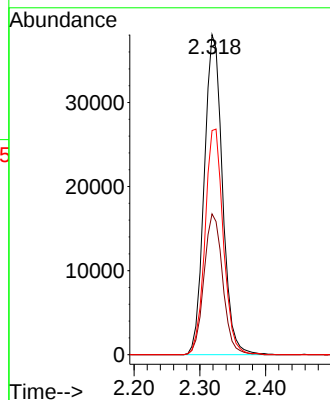
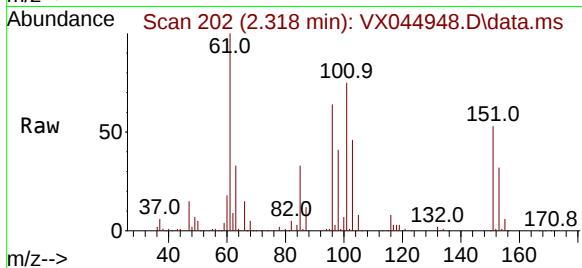
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.947 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 73285
Ion Ratio Lower Upper
101 100
85 45.1 35.7 53.5
151 70.7 56.0 84.0

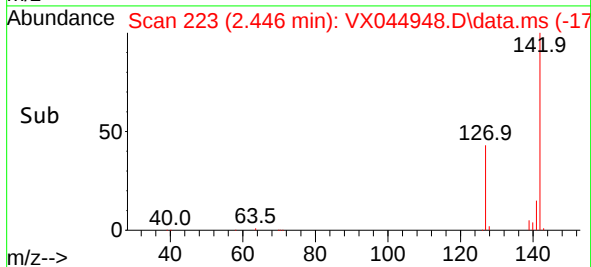
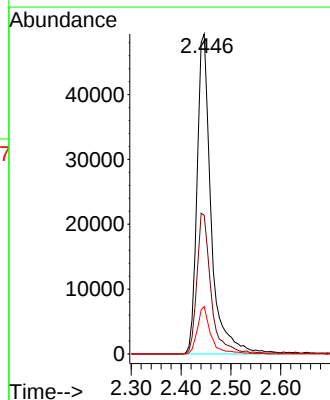
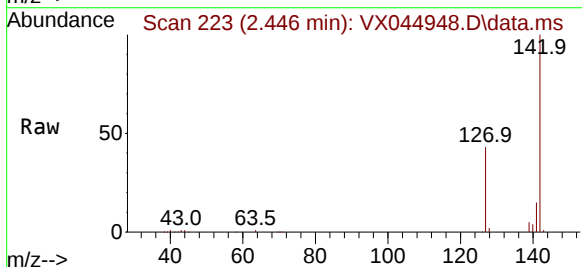
Manual Integrations
APPROVED

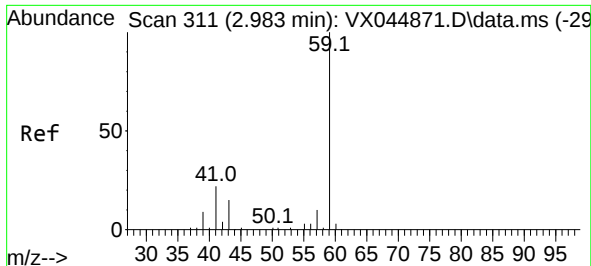
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 52.995 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion:142 Resp: 96895
Ion Ratio Lower Upper
142 100
127 44.3 34.3 51.5
141 14.1 11.4 17.2





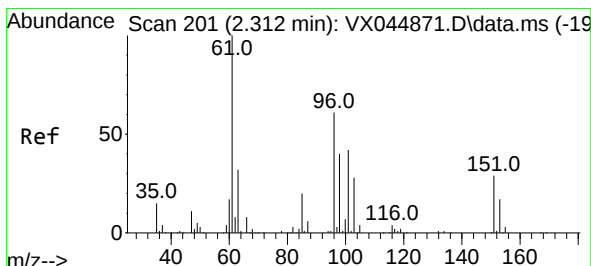
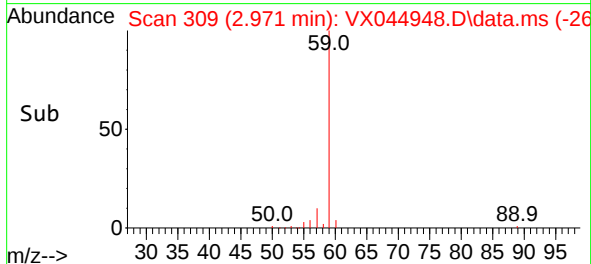
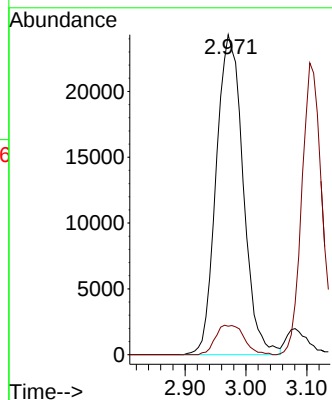
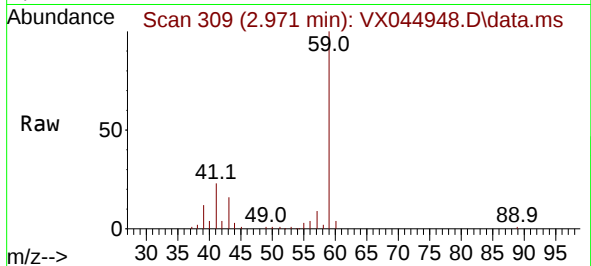
#11
Tert butyl alcohol
Concen: 245.988 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 7458
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

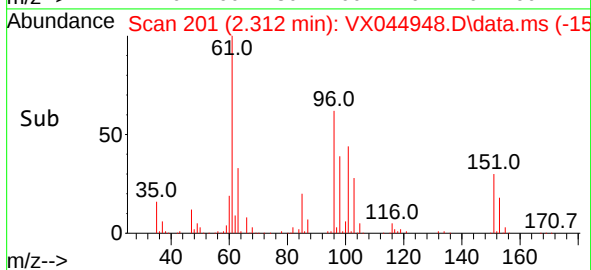
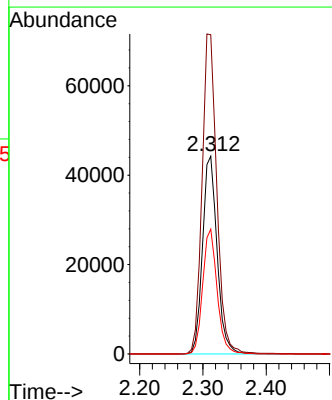
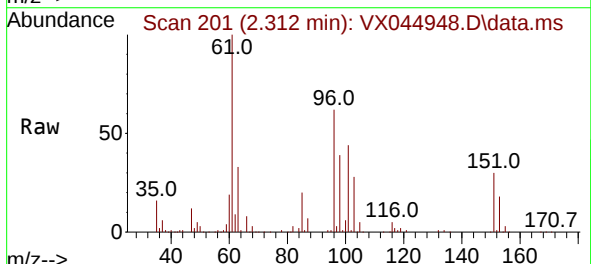
Manual Integrations
APPROVED

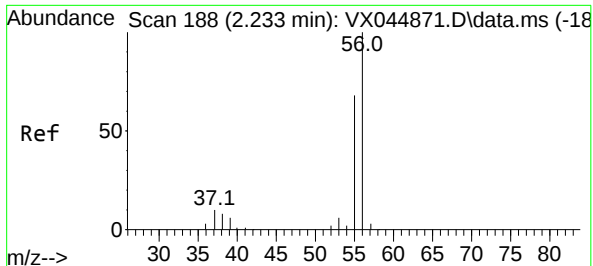
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#12
1,1-Dichloroethene
Concen: 49.386 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion: 96 Resp: 71069
Ion Ratio Lower Upper
96 100
61 161.4 130.2 195.4
98 63.1 52.2 78.4





#13

Acrolein

Concen: 272.483 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044948.D

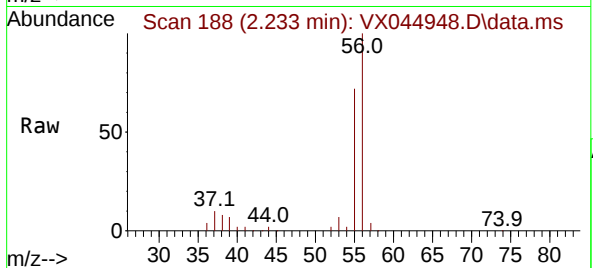
Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 85239

Ion Ratio Lower Upper

56 100

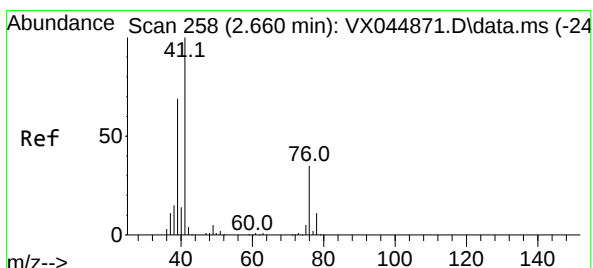
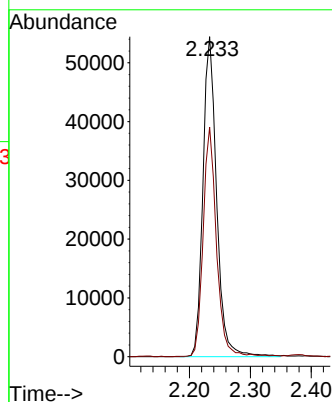
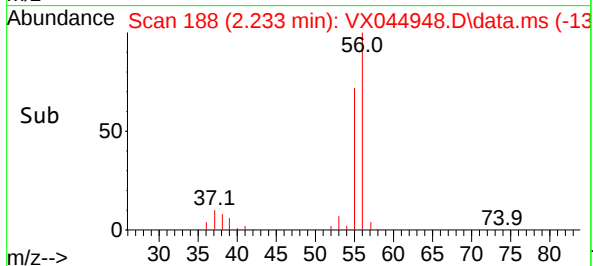
55 70.2 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#14

Allyl chloride

Concen: 50.110 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

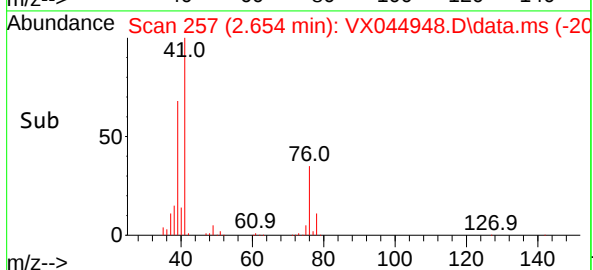
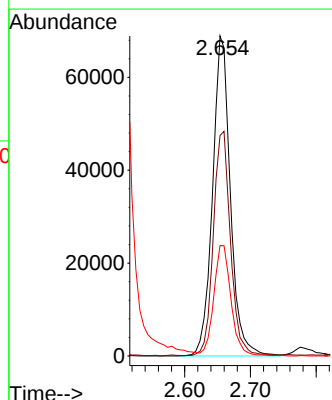
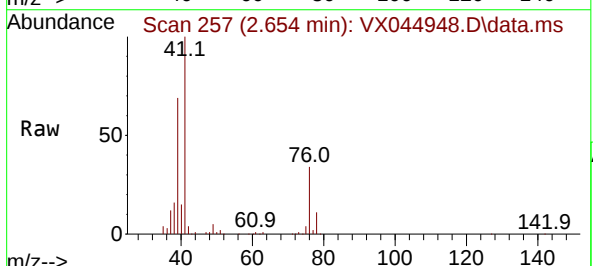
Tgt Ion: 41 Resp: 130324

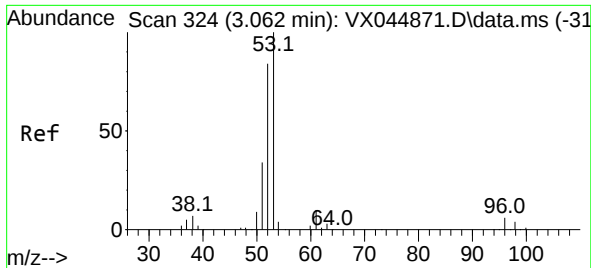
Ion Ratio Lower Upper

41 100

39 67.0 51.4 77.2

76 33.4 27.0 40.4





#15

Acrylonitrile

Concen: 260.443 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 210830

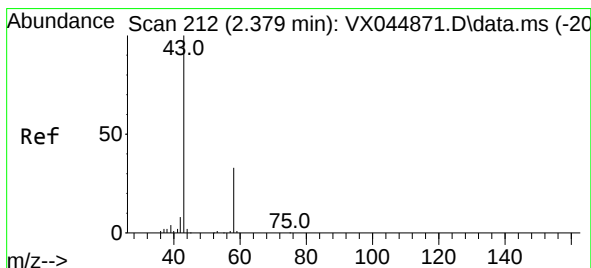
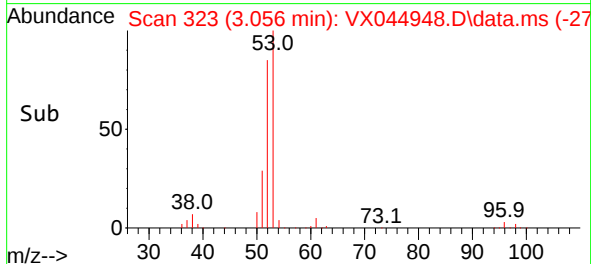
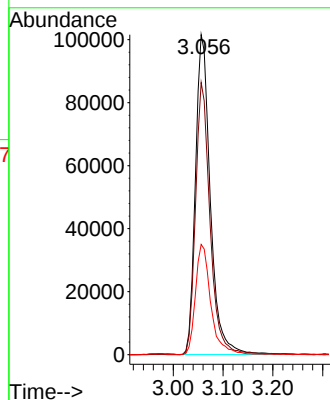
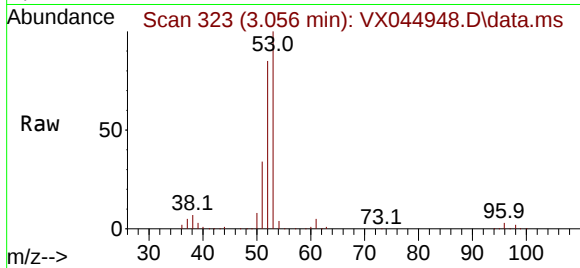
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.0	97.6
51	35.8	28.0	42.0

Manual Integrations

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Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#16

Acetone

Concen: 263.641 ug/l

RT: 2.379 min Scan# 212

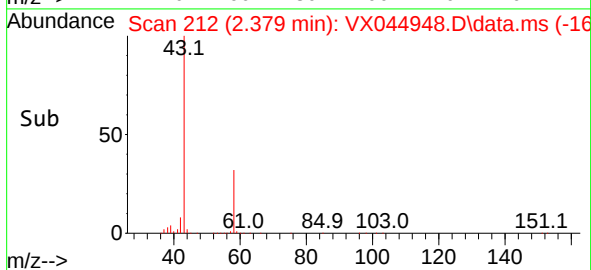
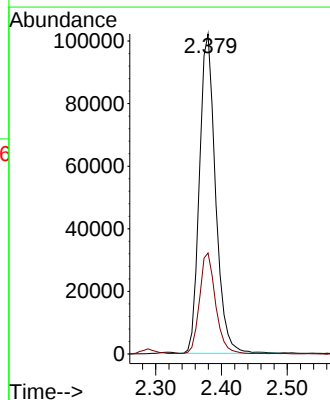
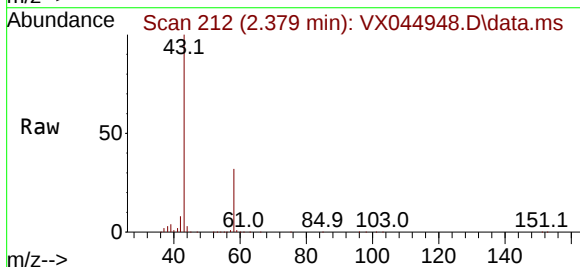
Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Tgt Ion: 43 Resp: 173217

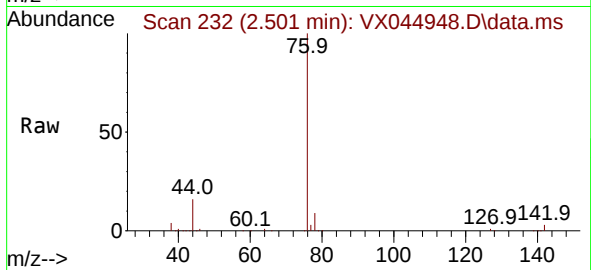
Ion	Ratio	Lower	Upper
43	100		
58	31.5	26.5	39.7





#17
Carbon Disulfide
Concen: 46.138 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

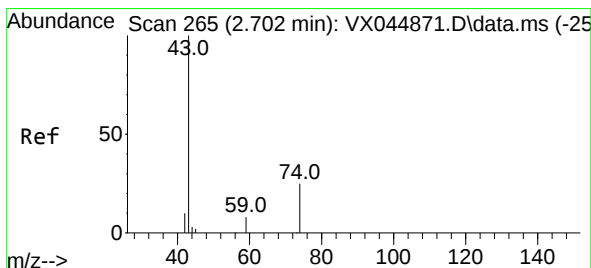
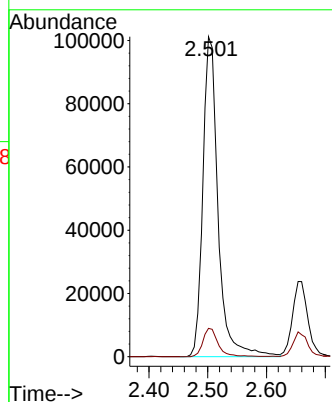
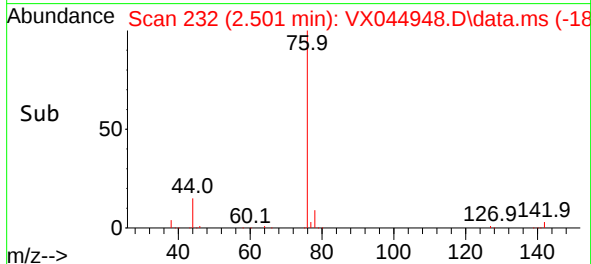
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



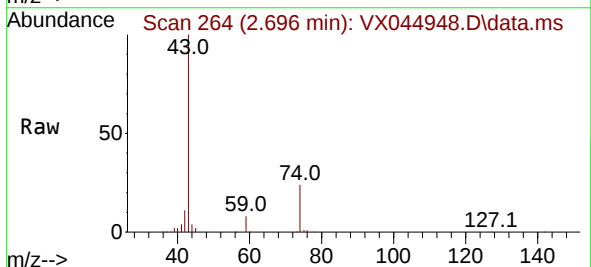
Tgt Ion: 76 Resp: 182069
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

Manual Integrations
APPROVED

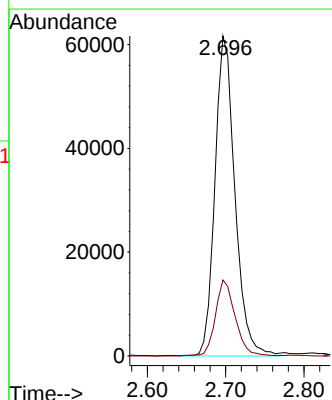
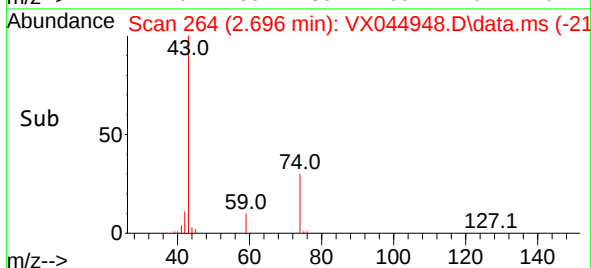
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

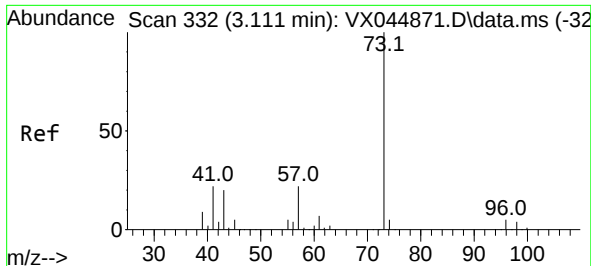


#18
Methyl Acetate
Concen: 52.872 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



Tgt Ion: 43 Resp: 109619
Ion Ratio Lower Upper
43 100
74 23.5 18.9 28.3





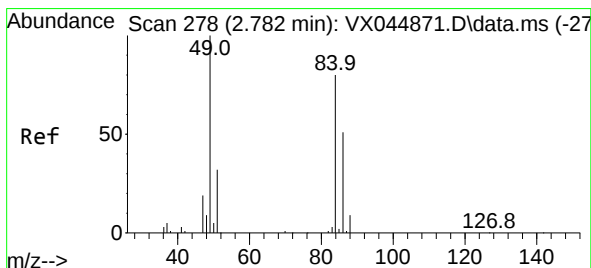
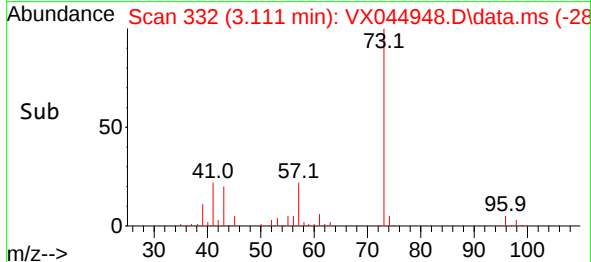
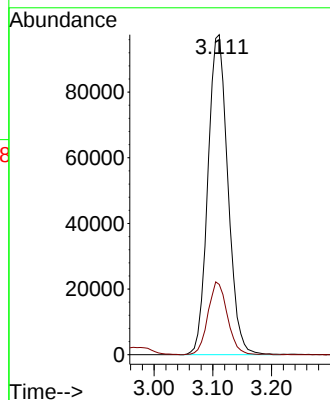
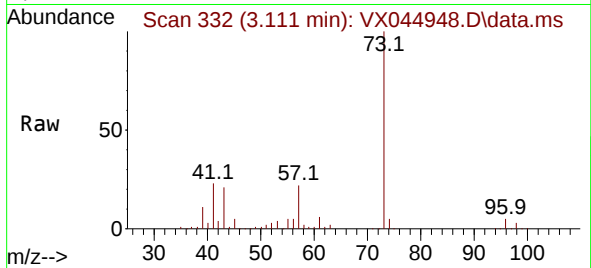
#19
Methyl tert-butyl Ether
Concen: 50.309 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 230340
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9

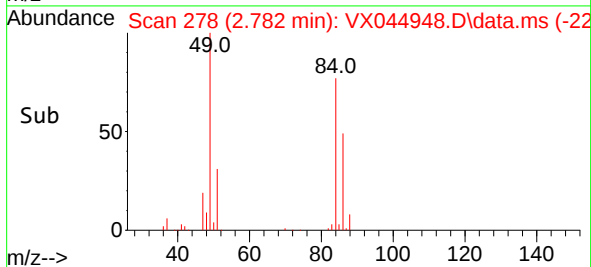
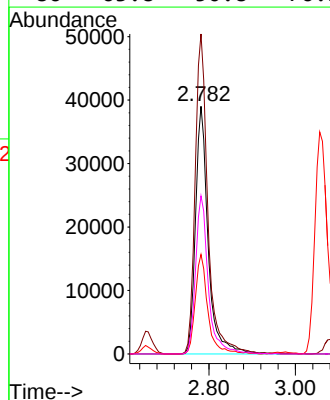
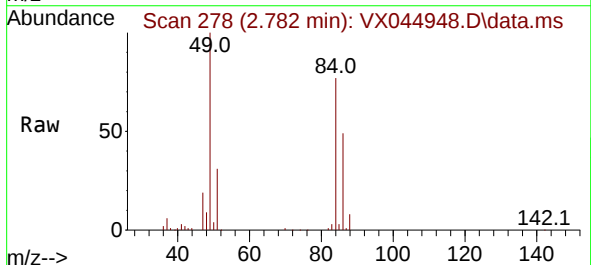
Manual Integrations
APPROVED

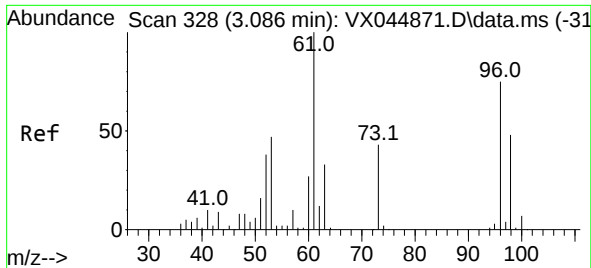
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 49.206 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

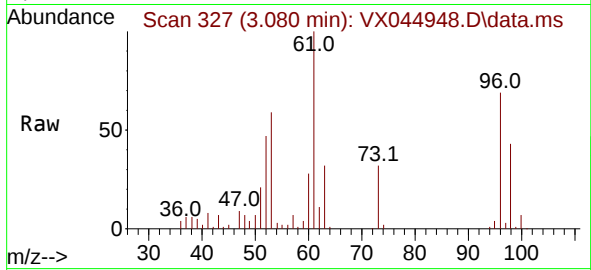
Tgt Ion: 84 Resp: 79188
Ion Ratio Lower Upper
84 100
49 129.2 100.1 150.1
51 40.2 31.7 47.5
86 63.8 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 49.443 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

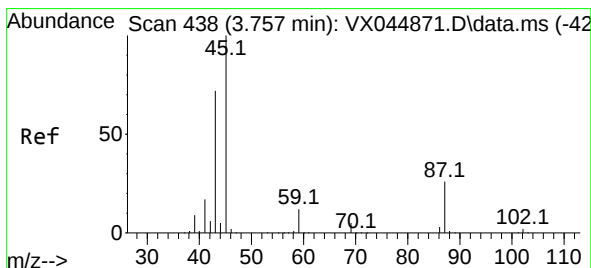
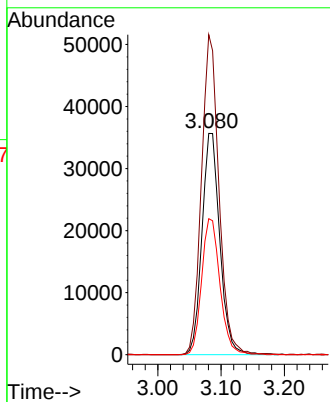
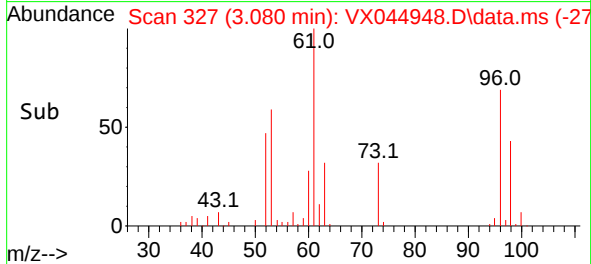
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



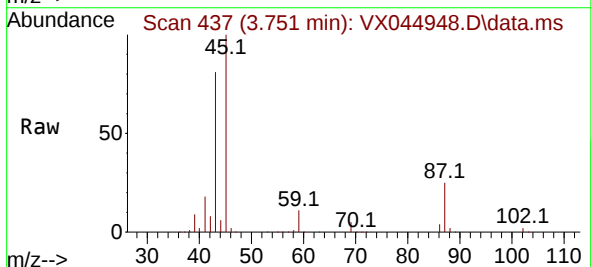
Tgt Ion: 96 Resp: 70029
Ion Ratio Lower Upper
96 100
61 144.6 106.0 159.0
98 61.5 50.6 76.0

Manual Integrations
APPROVED

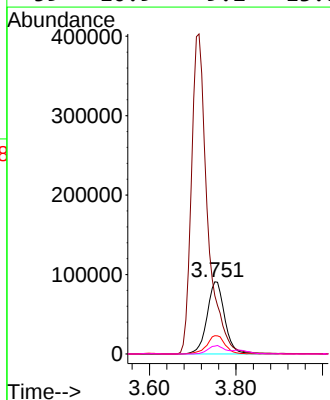
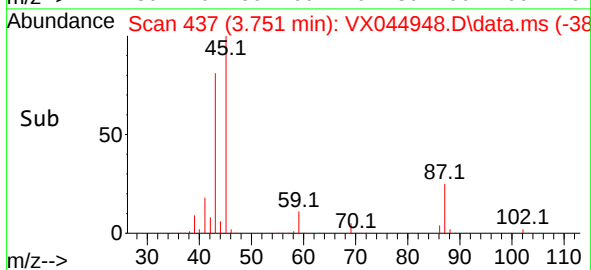
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

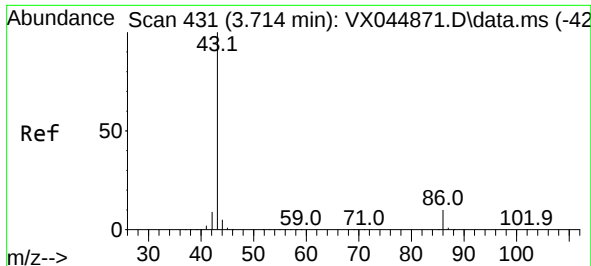


#22
Diisopropyl ether
Concen: 52.025 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



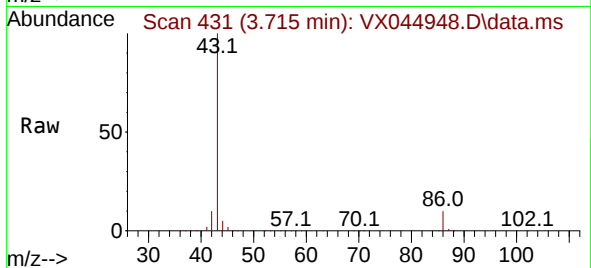
Tgt Ion: 45 Resp: 255981
Ion Ratio Lower Upper
45 100
43 80.5 58.0 87.0
87 25.2 20.7 31.1
59 10.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 259.654 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX044948.D
 Acq: 14 Feb 2025 10:04

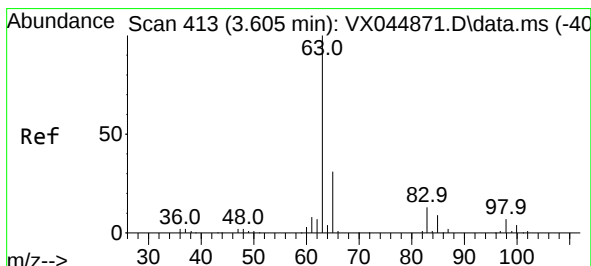
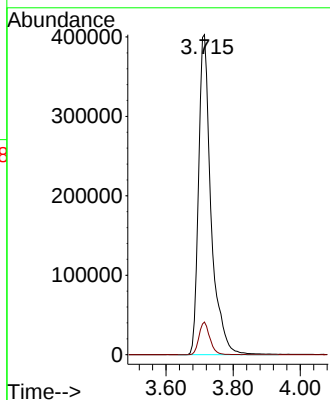
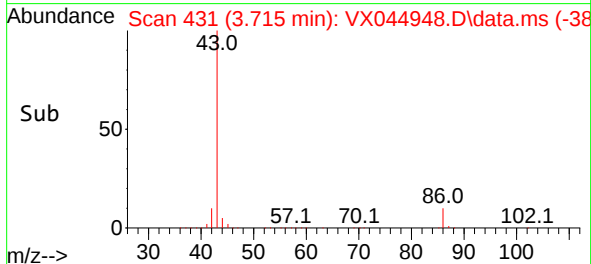
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



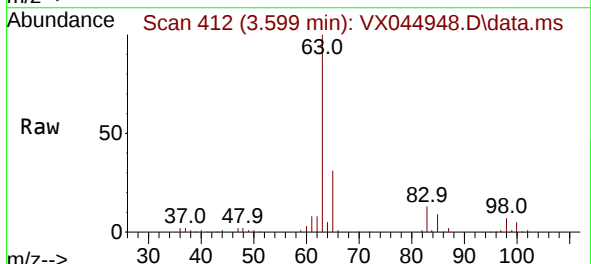
Tgt Ion: 43 Resp: 104155
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5

Manual Integrations
 APPROVED

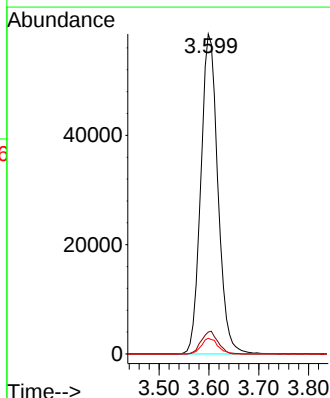
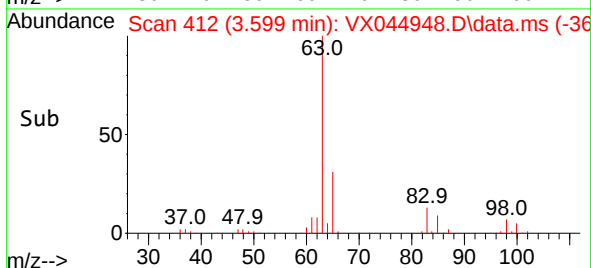
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025

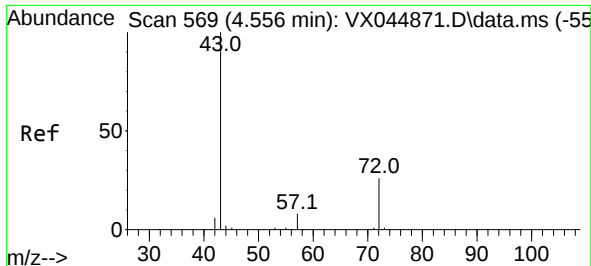


#24
 1,1-Dichloroethane
 Concen: 50.620 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044948.D
 Acq: 14 Feb 2025 10:04



Tgt Ion: 63 Resp: 139363
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.9 2.1 6.5





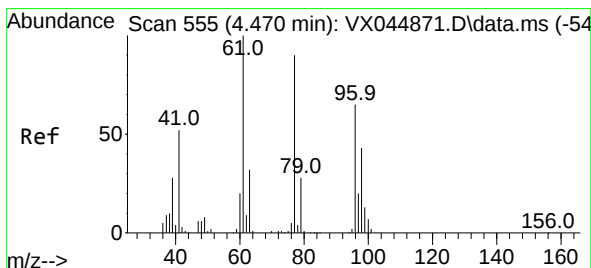
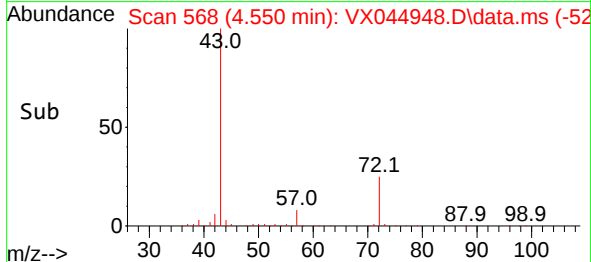
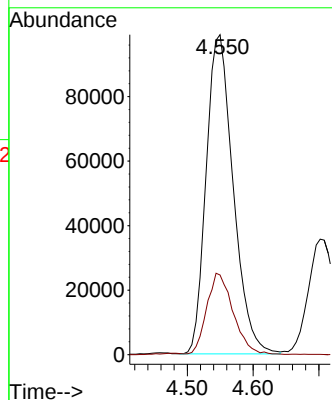
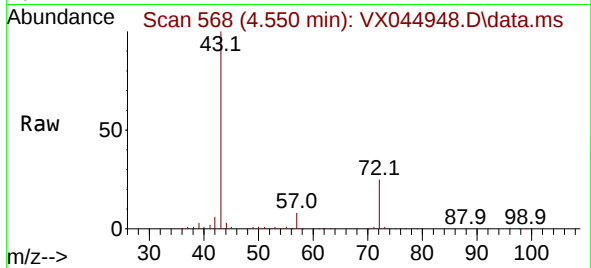
#25
2-Butanone
Concen: 265.167 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28290
Ion Ratio Lower Upper
43 100
72 24.8 21.2 31.8

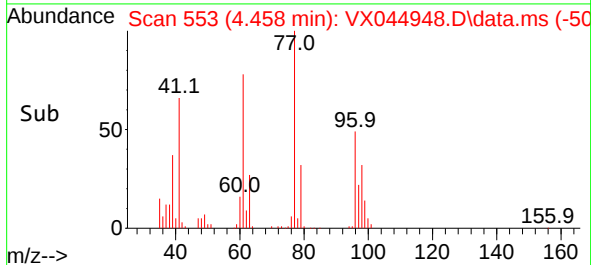
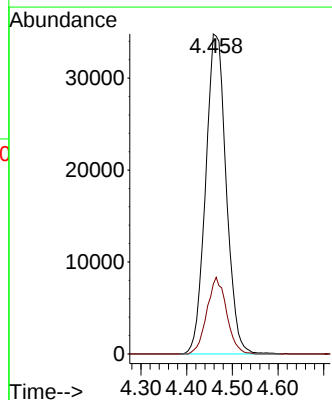
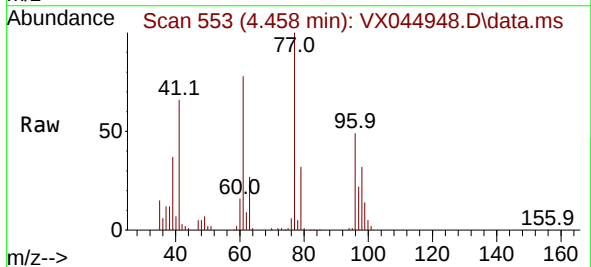
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 49.758 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion: 77 Resp: 108637
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.033 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

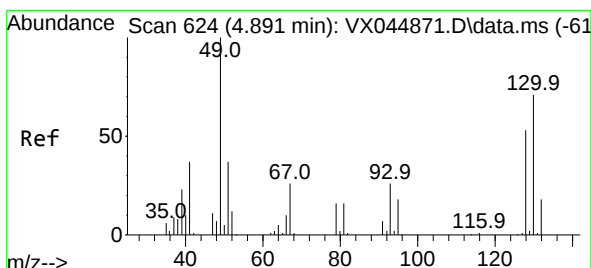
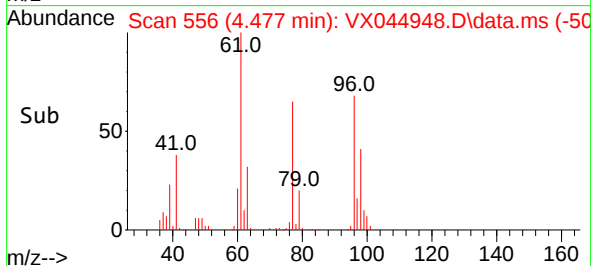
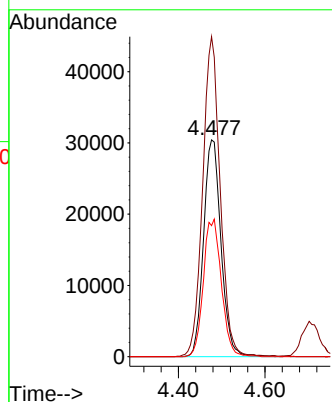
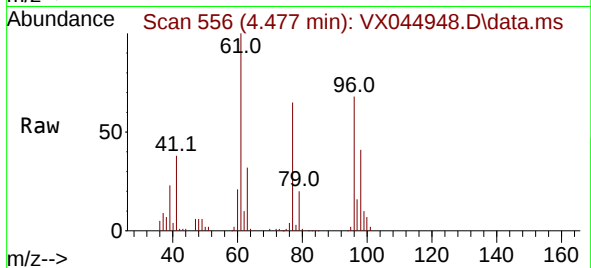
Tgt Ion: 96	Resp: 8512
Ion Ratio	Lower Upper
96 100	
61 148.2	0.0 294.0
98 65.4	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#28

Bromochloromethane

Concen: 50.132 ug/l

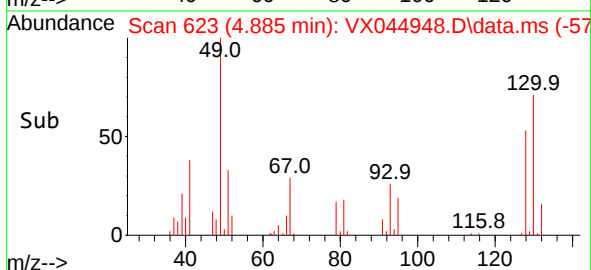
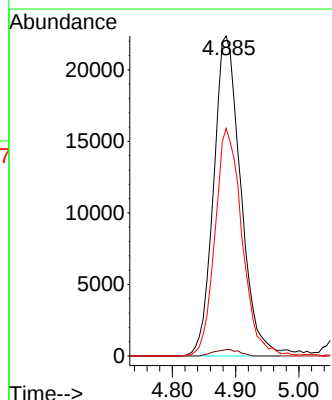
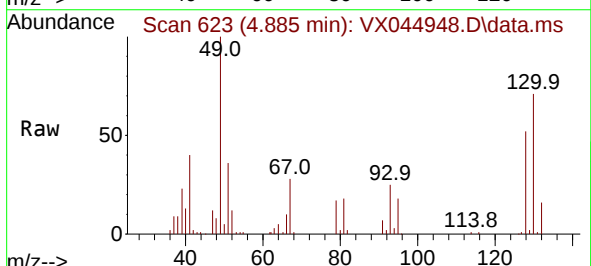
RT: 4.885 min Scan# 623

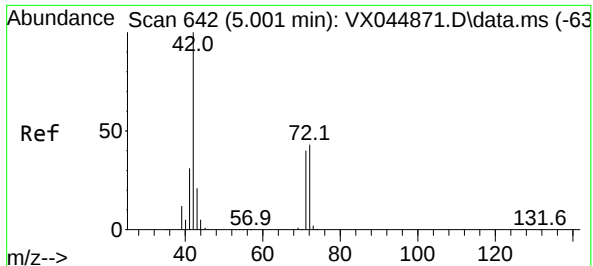
Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Tgt Ion: 49	Resp: 66328
Ion Ratio	Lower Upper
49 100	
129 1.9	0.0 3.6
130 71.2	56.7 85.1





#29

Tetrahydrofuran

Concen: 258.456 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 183098

Ion Ratio Lower Upper

42 100

72 43.2 35.0 52.4

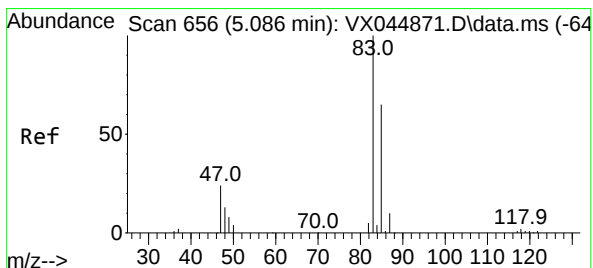
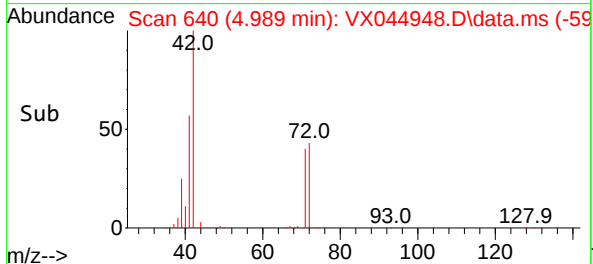
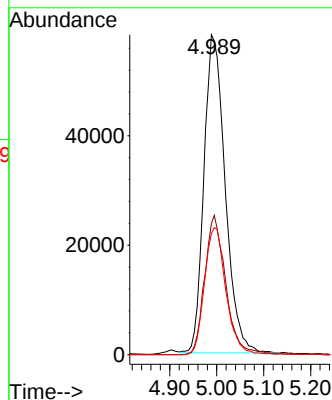
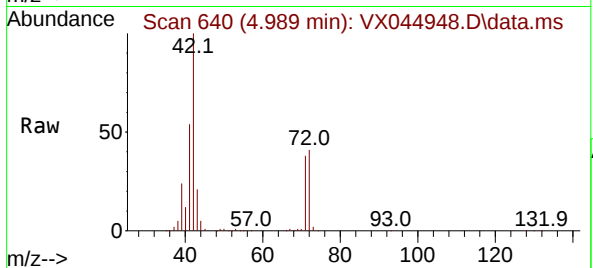
71 40.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 50.664 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX044948.D

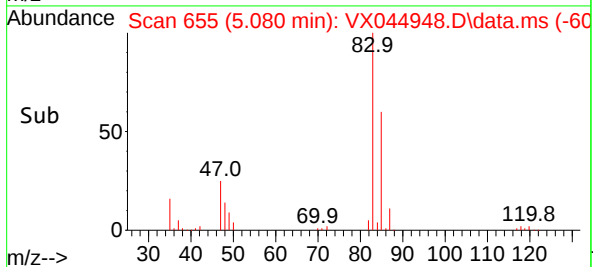
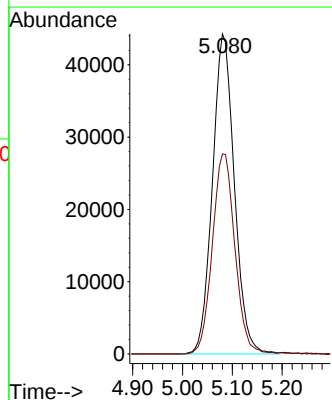
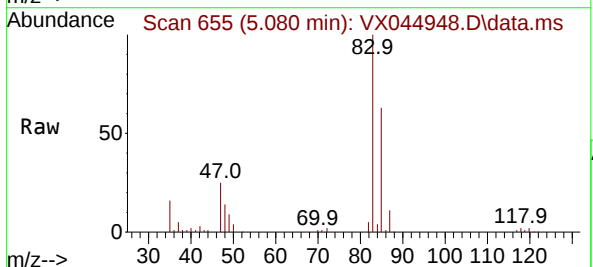
Acq: 14 Feb 2025 10:04

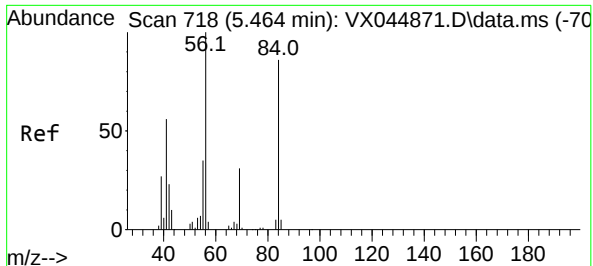
Tgt Ion: 83 Resp: 135270

Ion Ratio Lower Upper

83 100

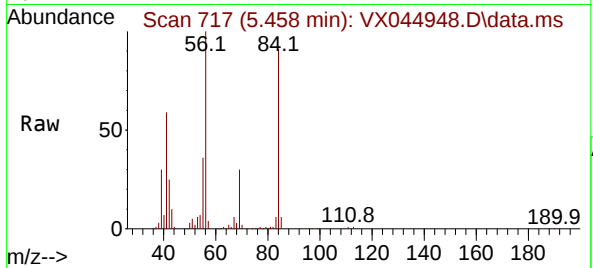
85 62.5 52.1 78.1





#31
Cyclohexane
Concen: 48.511 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

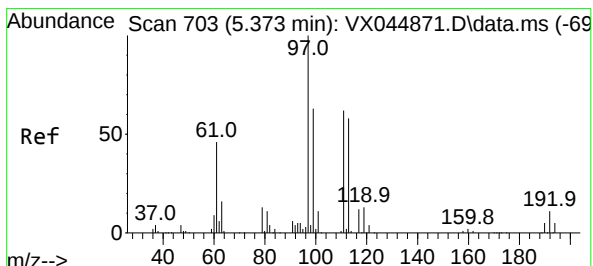
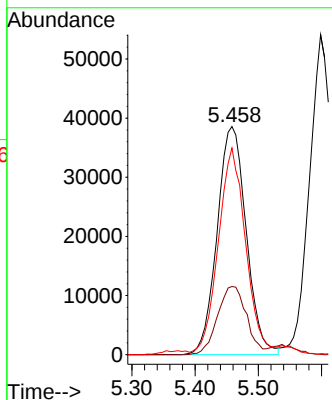
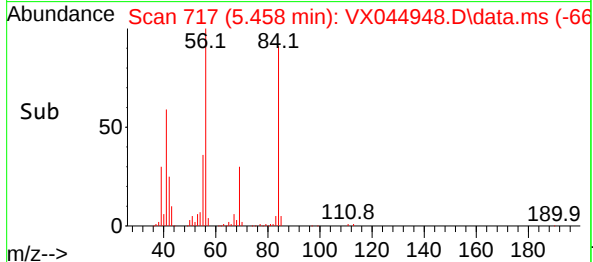
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 123125
Ion Ratio Lower Upper
56 100
69 29.9 24.4 36.6
84 88.8 69.0 103.6

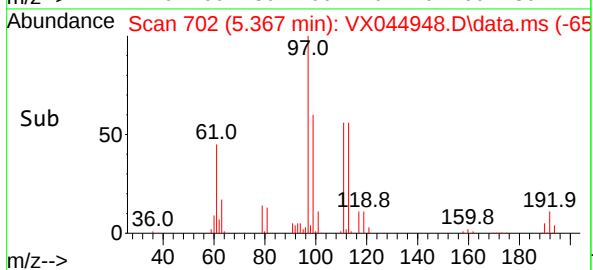
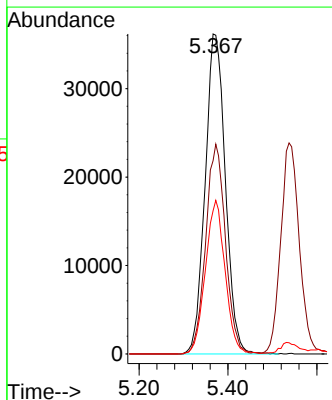
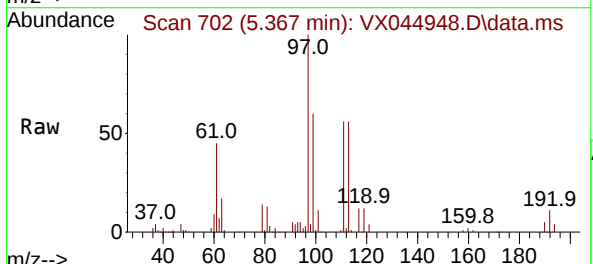
Manual Integrations
APPROVED

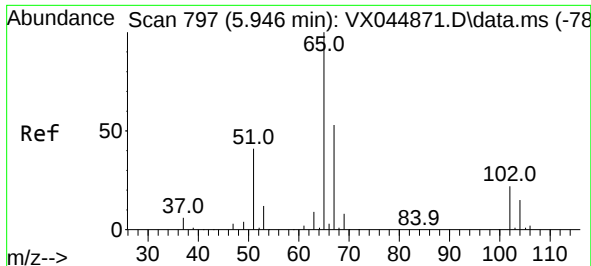
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 50.622 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion: 97 Resp: 114641
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 46.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.577 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 81025

Ion Ratio Lower Upper

65 100

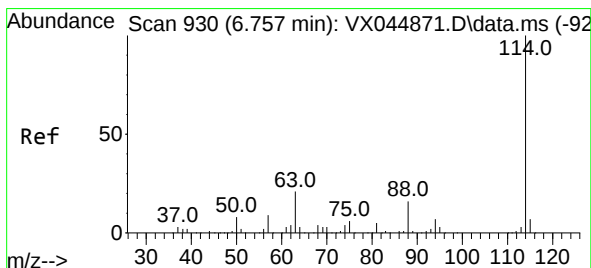
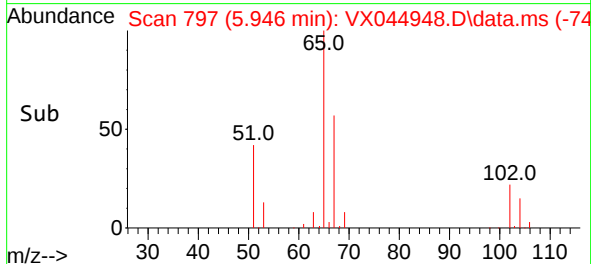
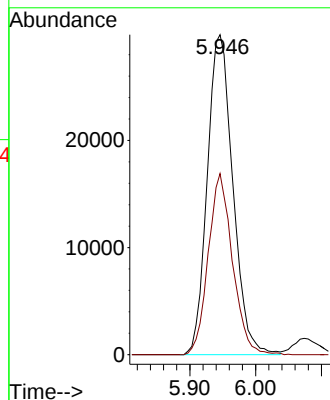
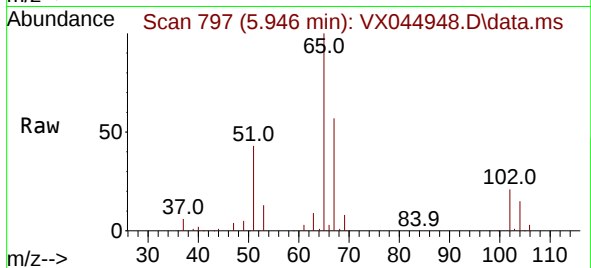
67 53.6 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

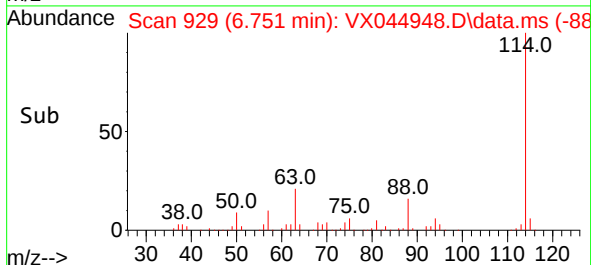
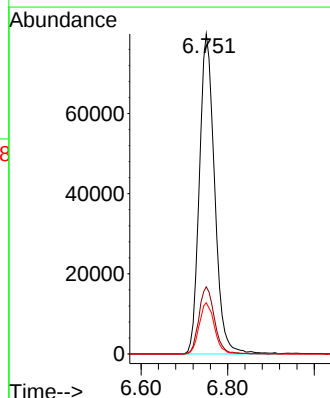
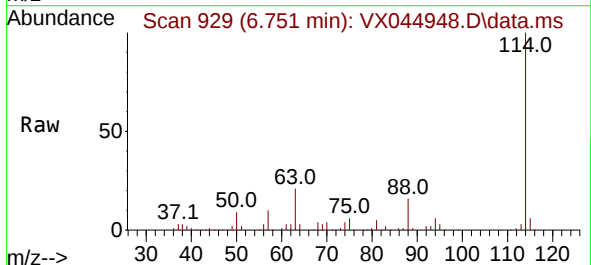
Tgt Ion:114 Resp: 194847

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.473 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 65208

Ion Ratio Lower Upper

113 100

111 103.0 83.5 125.3

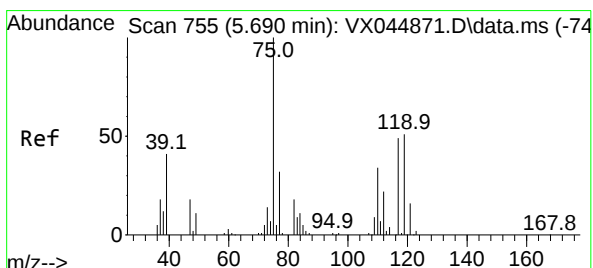
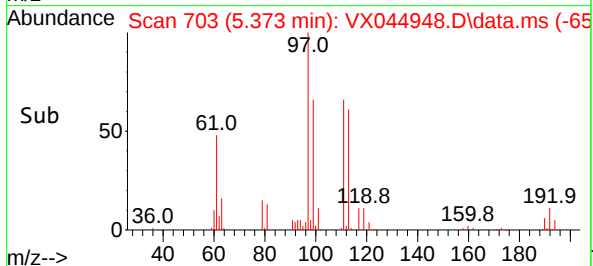
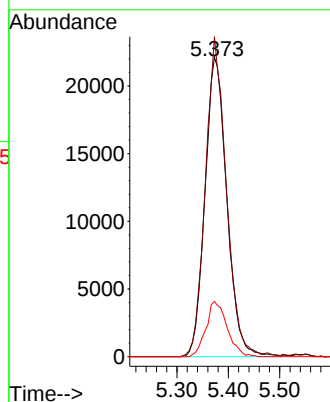
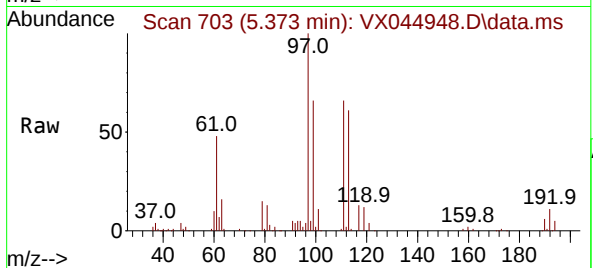
192 17.9 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#36

1,1-Dichloropropene

Concen: 50.648 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

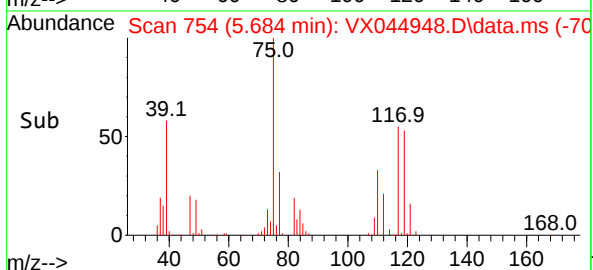
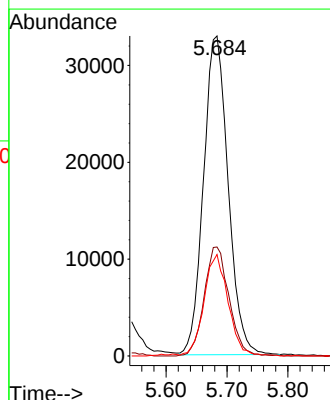
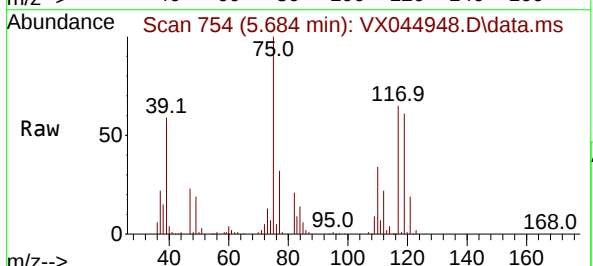
Tgt Ion: 75 Resp: 92569

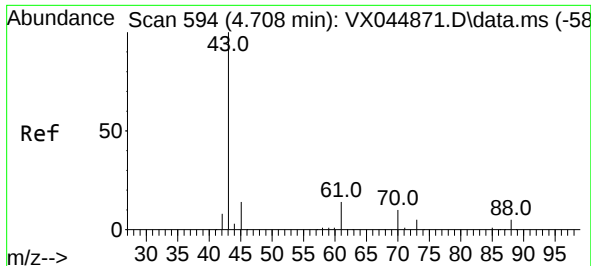
Ion Ratio Lower Upper

75 100

110 34.4 17.2 51.6

77 31.2 24.6 37.0





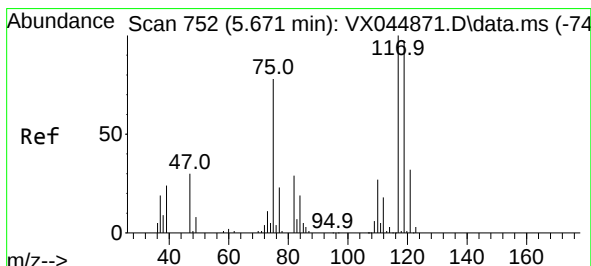
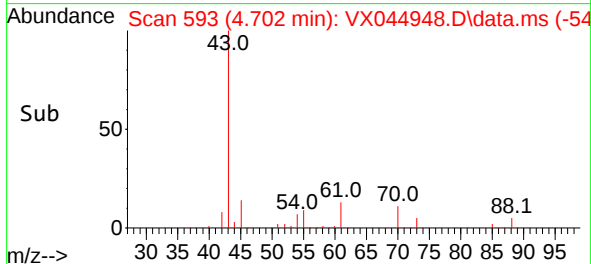
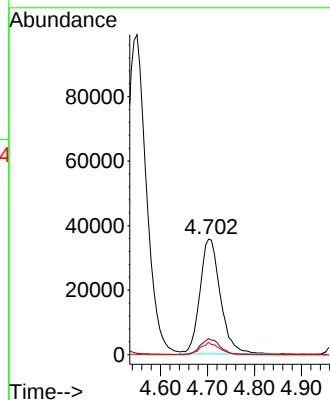
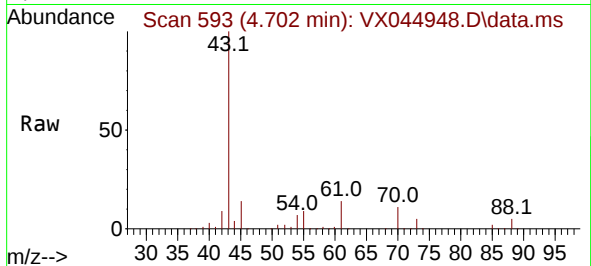
#37
Ethyl Acetate
Concen: 52.854 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 10744
Ion Ratio Lower Upper
43 100
61 12.8 11.0 16.4
70 9.8 8.2 12.2

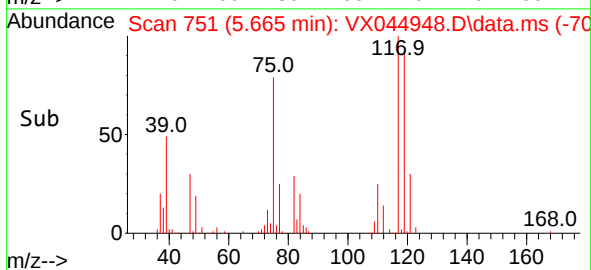
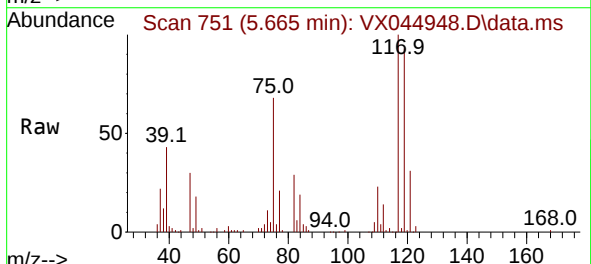
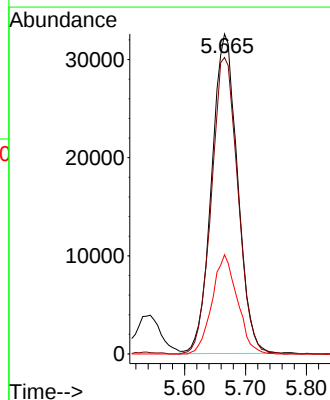
Manual Integrations
APPROVED

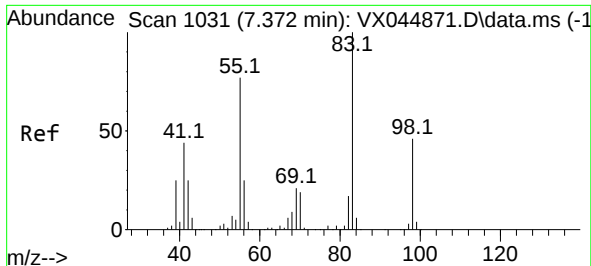
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38
Carbon Tetrachloride
Concen: 53.647 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion:117 Resp: 96084
Ion Ratio Lower Upper
117 100
119 92.9 77.5 116.3
121 31.1 25.6 38.4





#39

Methylcyclohexane

Concen: 53.611 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 126678

Ion Ratio Lower Upper

83 100

55 76.3 61.3 91.9

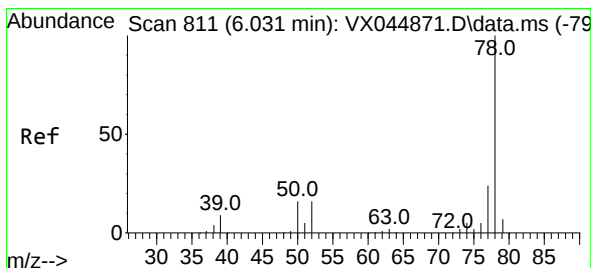
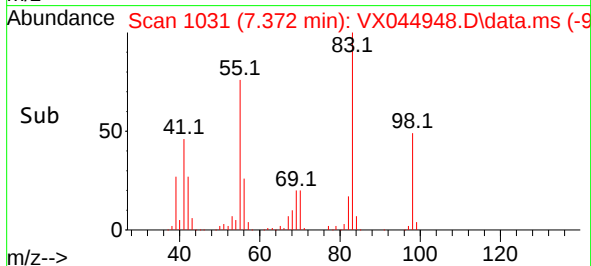
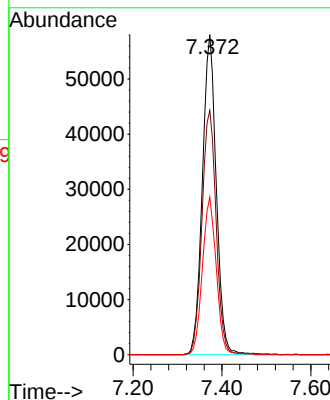
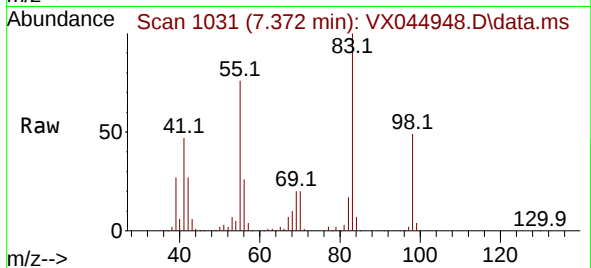
98 49.3 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 51.720 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX044948.D

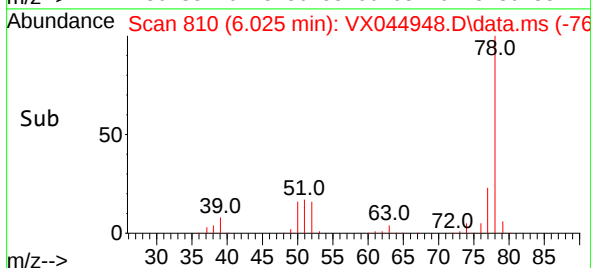
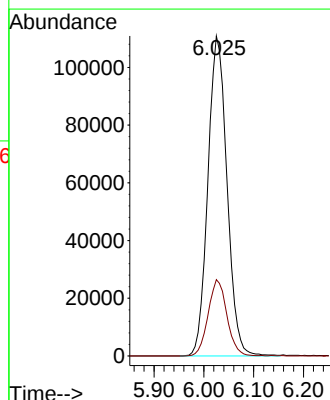
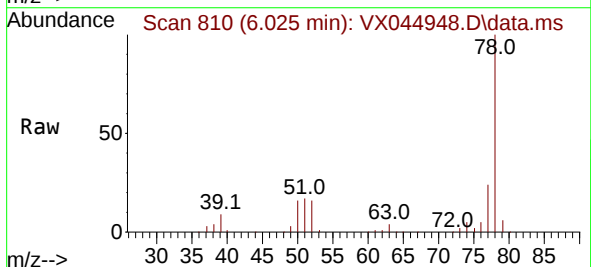
Acq: 14 Feb 2025 10:04

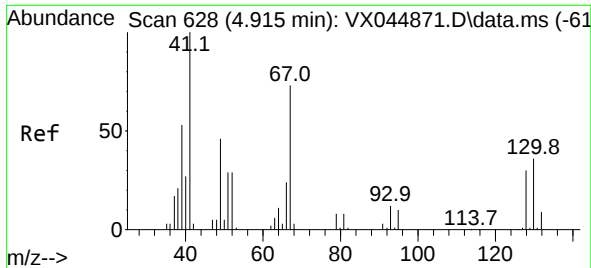
Tgt Ion: 78 Resp: 295171

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 57.439 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

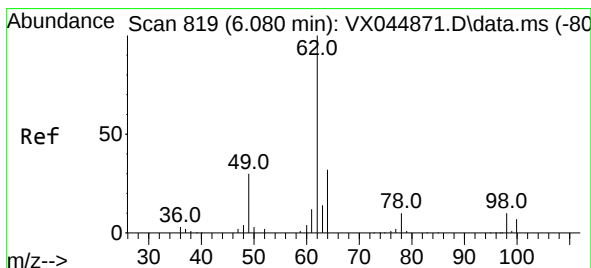
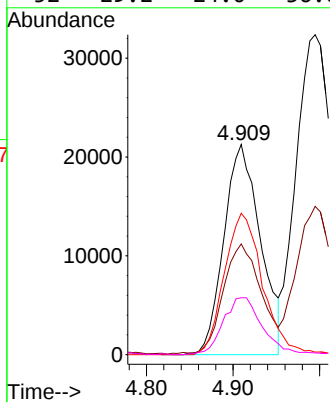
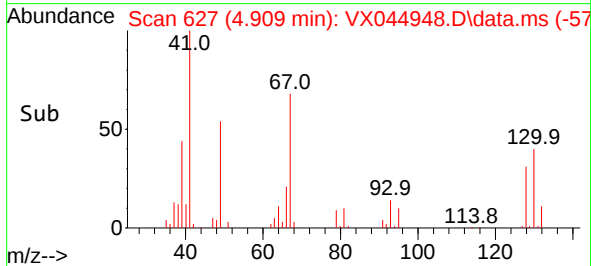
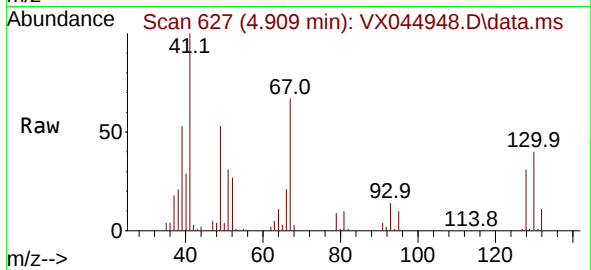
Tgt Ion: 41 Resp: 6250
Ion Ratio Lower Upper
41 100
39 54.3 43.1 64.7
67 70.9 57.0 85.6
52 29.2 24.0 36.0

Manual Integrations

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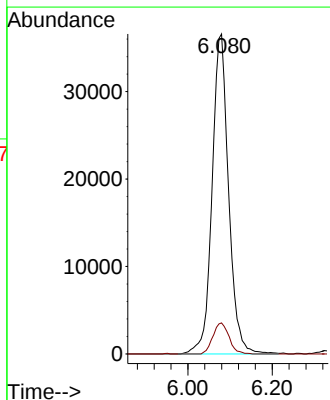
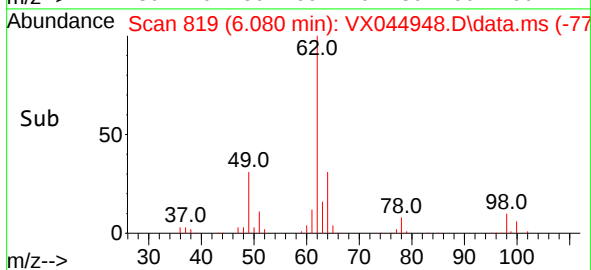
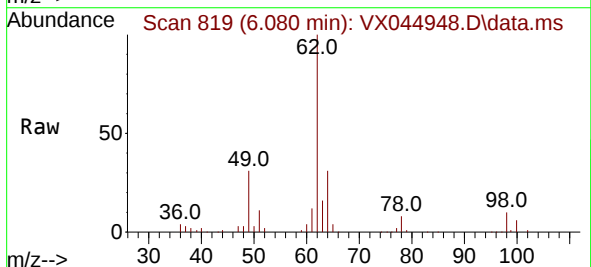
Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 54.630 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

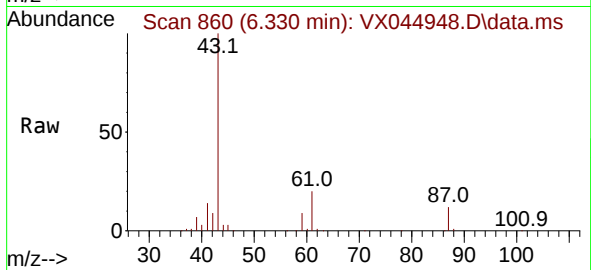
Tgt Ion: 62 Resp: 99367
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 54.238 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

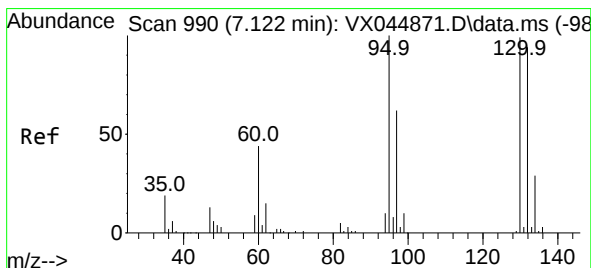
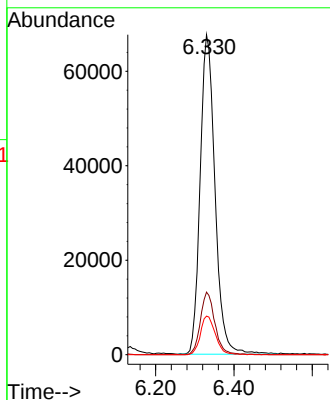
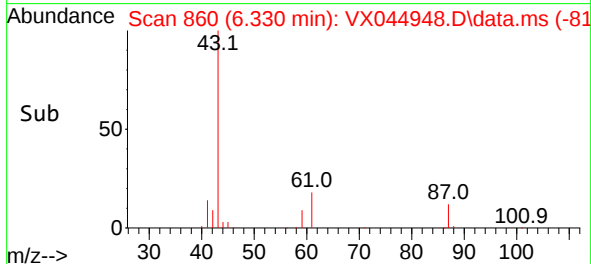
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 17805
Ion Ratio Lower Upper
43 100
61 19.1 15.8 23.8
87 12.2 10.0 15.0

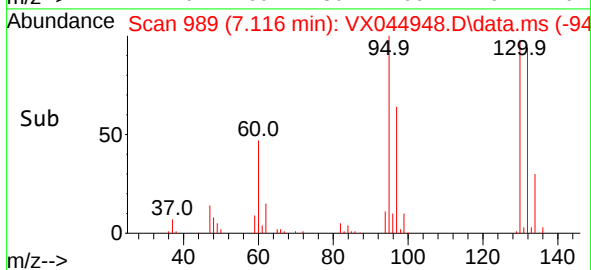
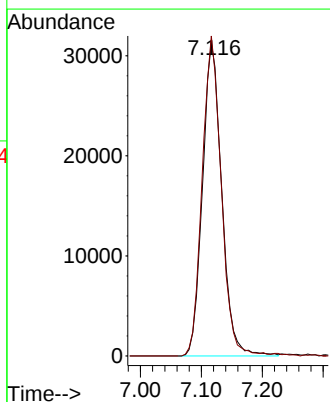
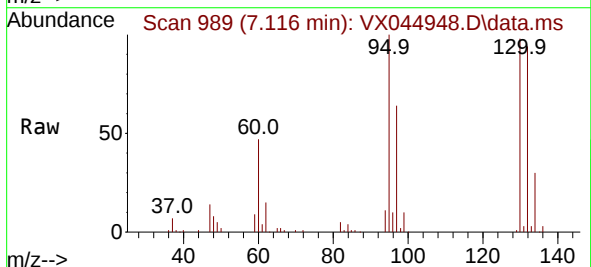
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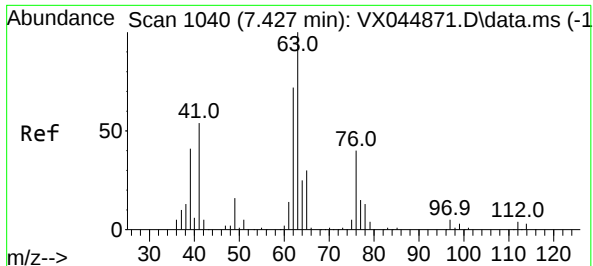
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 52.686 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion:130 Resp: 68729
Ion Ratio Lower Upper
130 100
95 102.1 0.0 202.4





#45

1,2-Dichloropropane

Concen: 52.086 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 73954

Ion Ratio Lower Upper

63 100

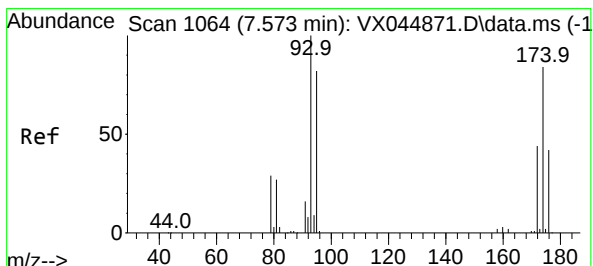
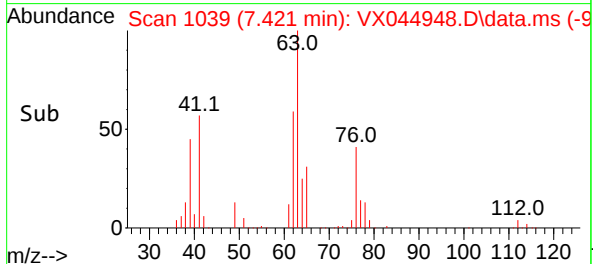
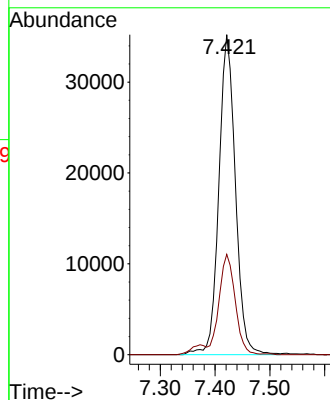
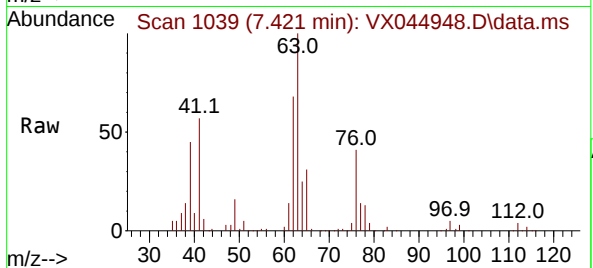
65 31.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 52.910 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

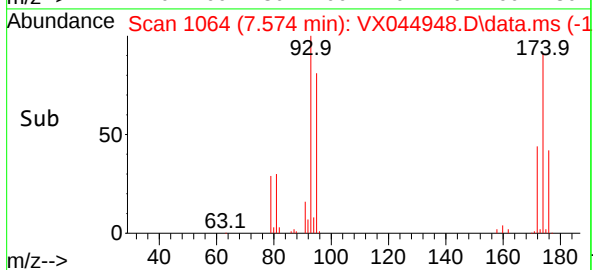
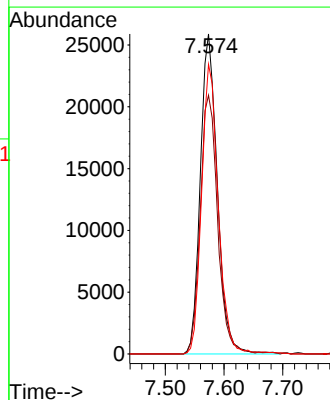
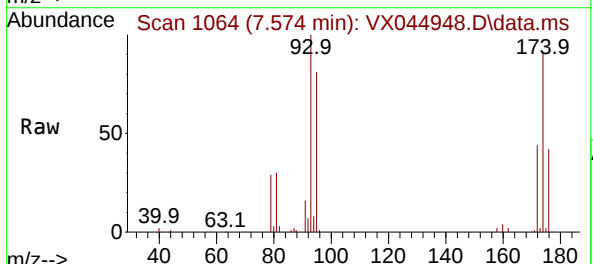
Tgt Ion: 93 Resp: 52099

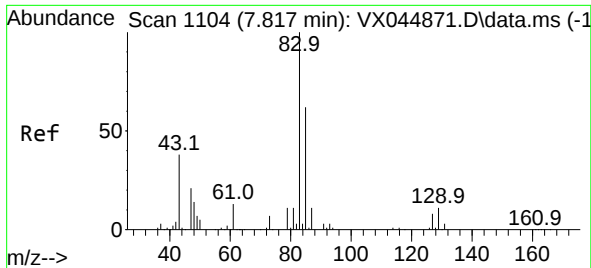
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

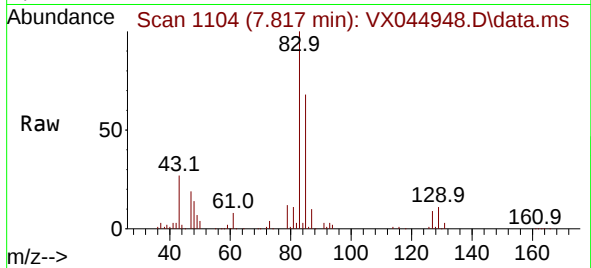
174 88.5 69.9 104.9





#47
Bromodichloromethane
Concen: 54.897 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

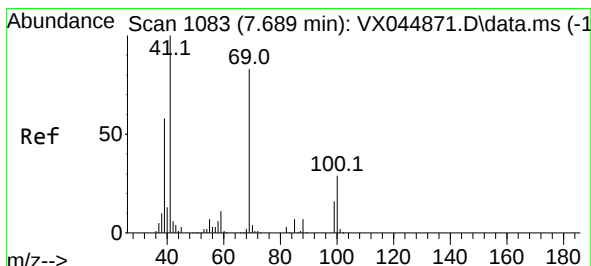
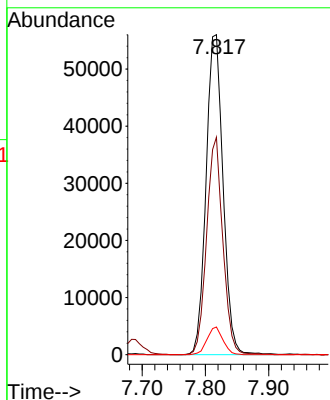
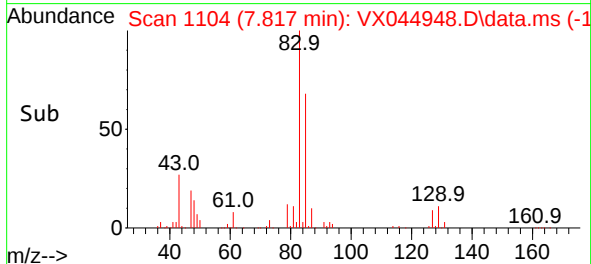
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10466
Ion Ratio Lower Upper
83 100
85 68.0 50.0 75.0
127 8.7 6.4 9.6

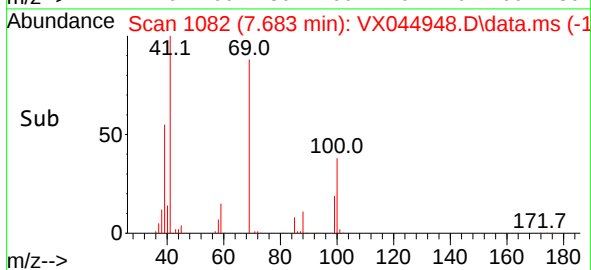
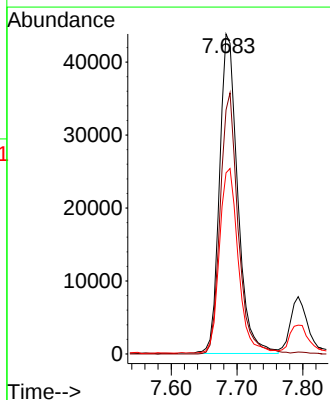
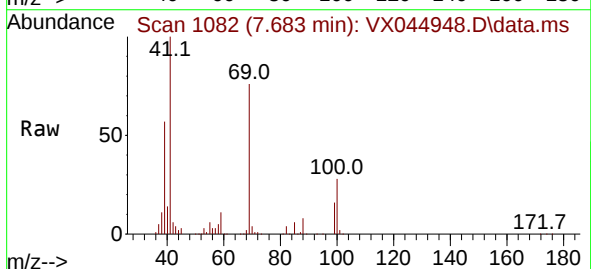
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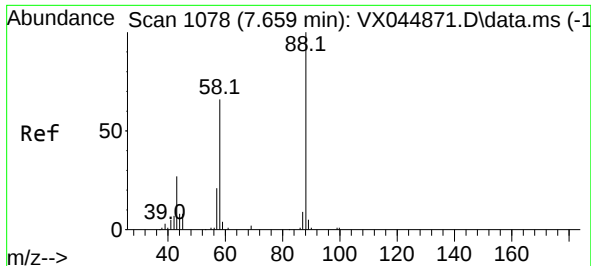
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#48
Methyl methacrylate
Concen: 54.559 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion: 41 Resp: 84452
Ion Ratio Lower Upper
41 100
69 80.4 65.8 98.8
39 59.9 46.4 69.6





#49

1,4-Dioxane

Concen: 1079.521 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3585

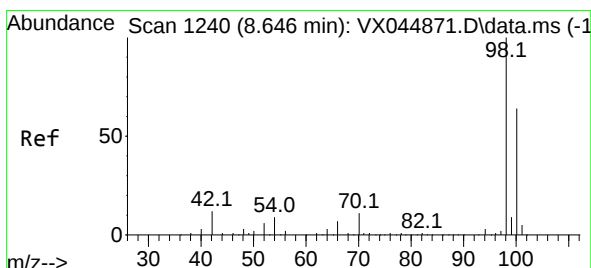
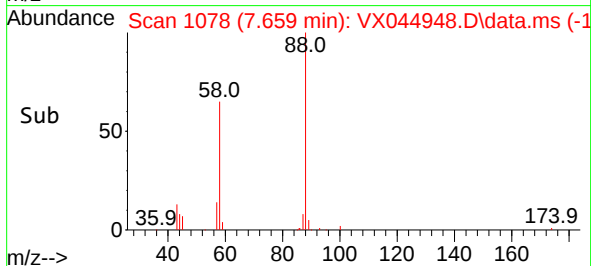
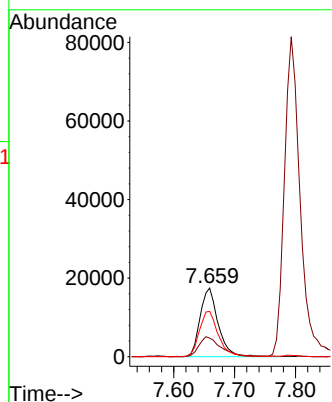
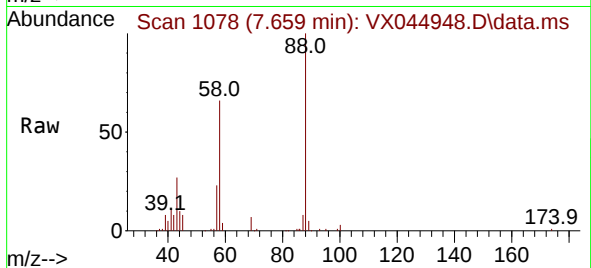
Ion	Ratio	Lower	Upper
88	100		
43	35.2	26.6	39.8
58	69.2	55.9	83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#50

Toluene-d8

Concen: 50.081 ug/l

RT: 8.640 min Scan# 1239

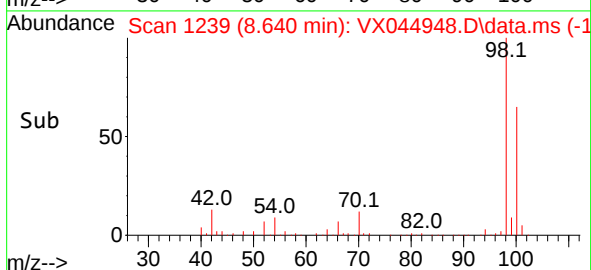
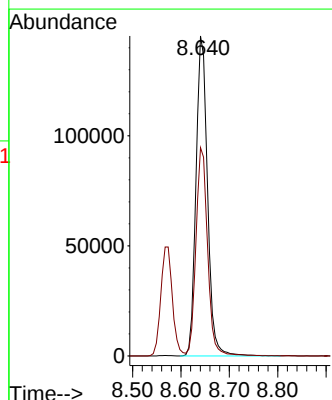
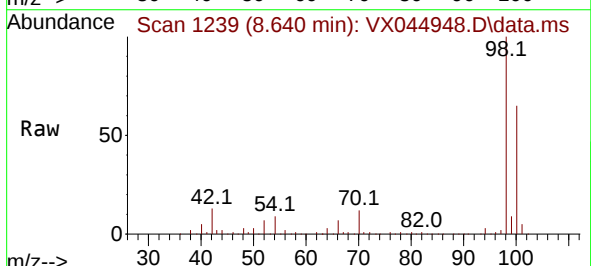
Delta R.T. -0.006 min

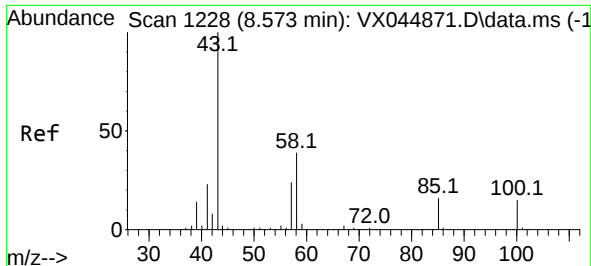
Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Tgt Ion: 98 Resp: 239910

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.7	79.1





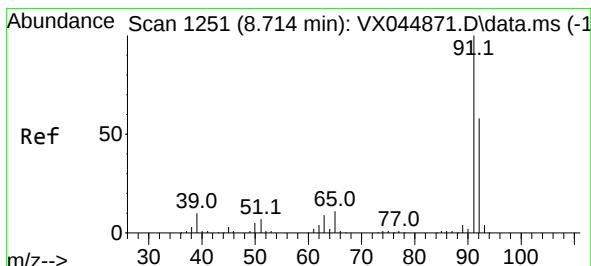
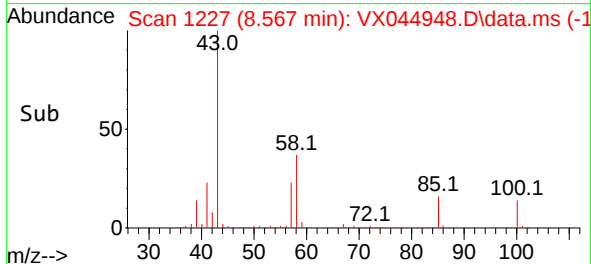
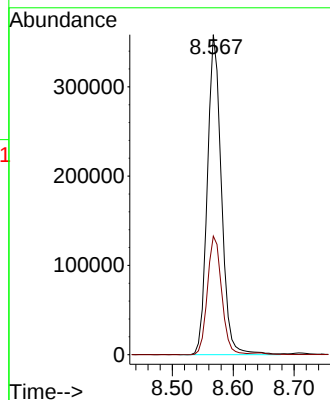
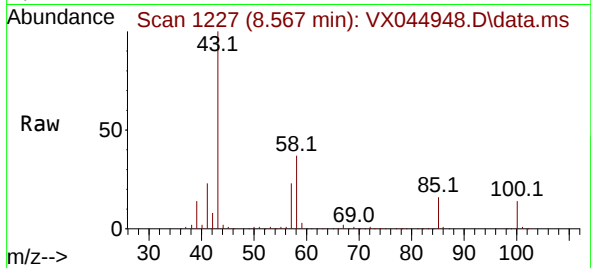
#51
4-Methyl-2-Pentanone
Concen: 287.542 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 57387
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2

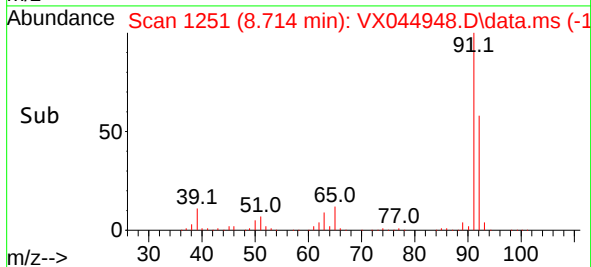
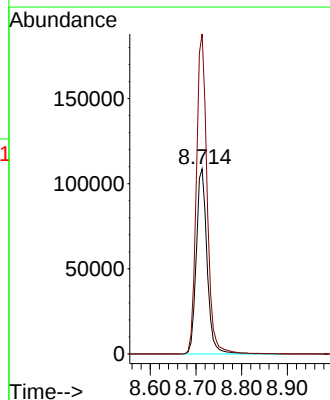
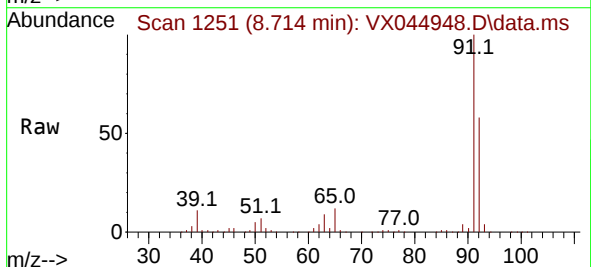
Manual Integrations
APPROVED

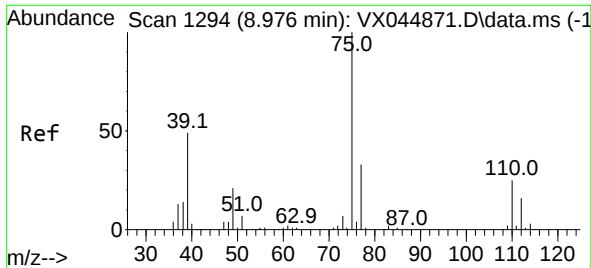
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 52.259 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion: 92 Resp: 177622
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.2





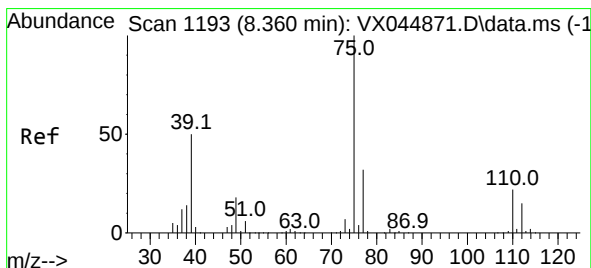
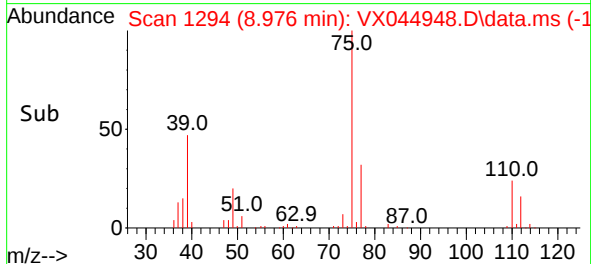
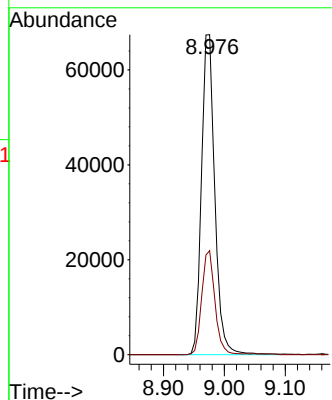
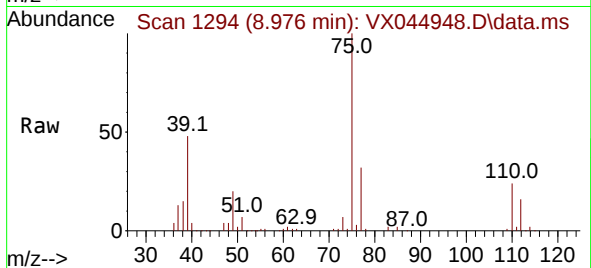
#53
t-1,3-Dichloropropene
Concen: 53.088 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 10242
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0

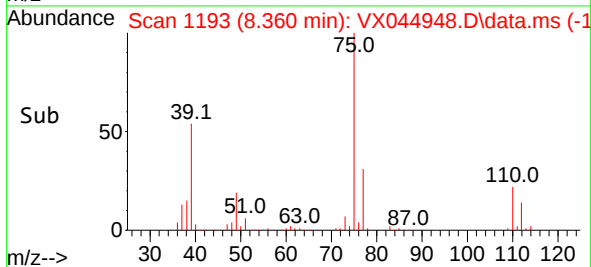
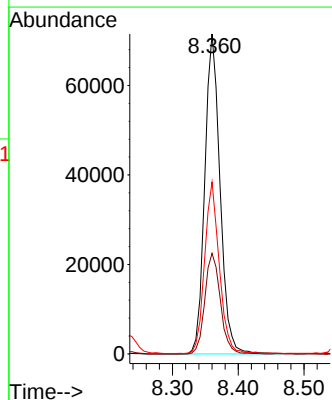
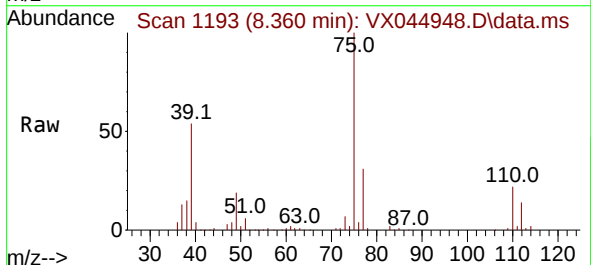
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#54
cis-1,3-Dichloropropene
Concen: 53.670 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion: 75 Resp: 115454
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 53.6 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 53.569 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 69992

Ion Ratio Lower Upper

97 100

83 87.7 69.8 104.6

85 55.8 44.8 67.2

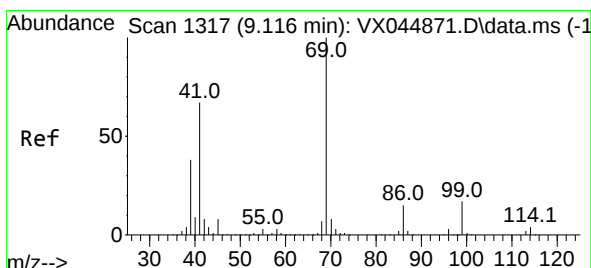
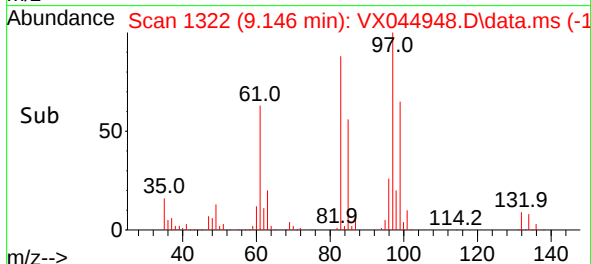
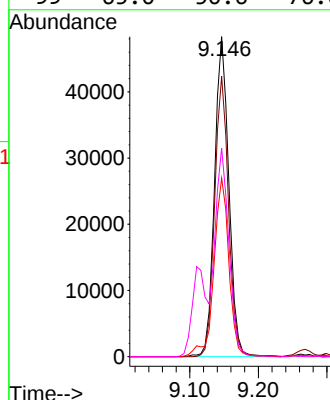
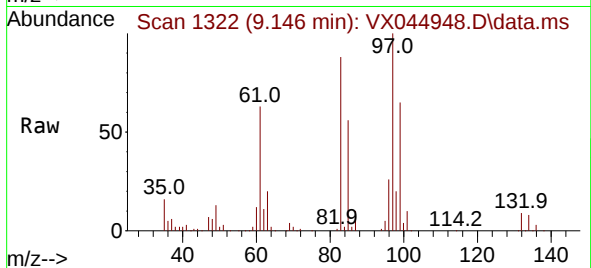
99 65.0 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#56

Ethyl methacrylate

Concen: 53.714 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

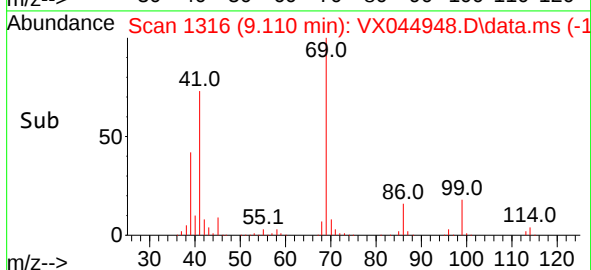
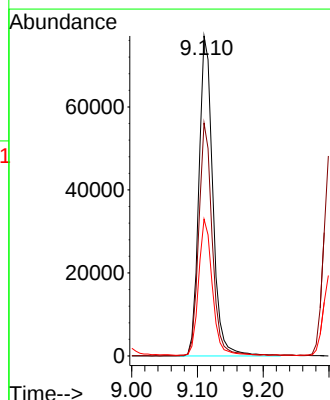
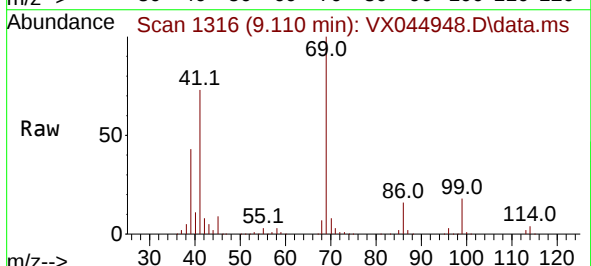
Tgt Ion: 69 Resp: 113350

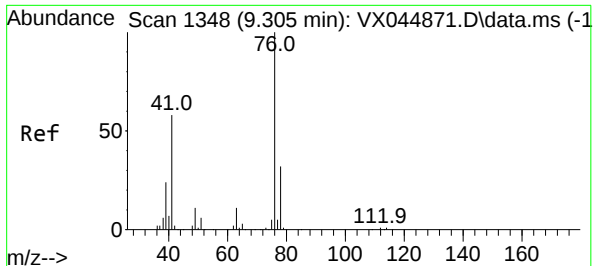
Ion Ratio Lower Upper

69 100

41 71.0 55.2 82.8

39 41.9 30.8 46.2





#57

1,3-Dichloropropane

Concen: 53.730 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12283

Ion Ratio Lower Upper

76 100

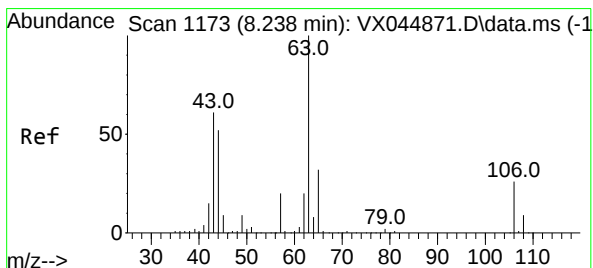
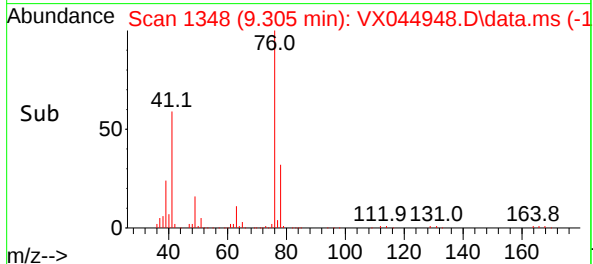
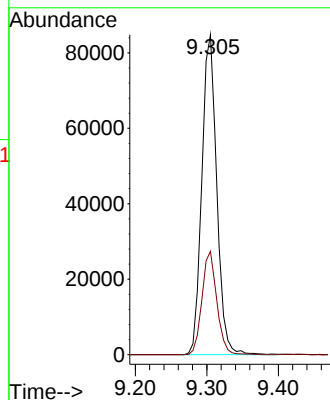
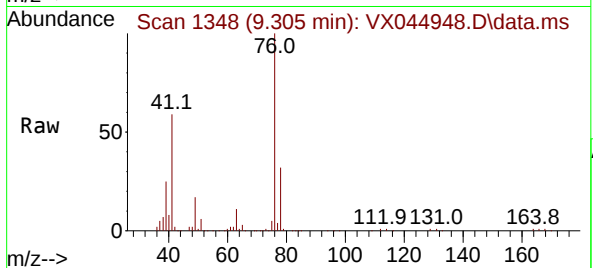
78 32.1 25.8 38.8

Manual Integrations

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Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 271.549 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044948.D

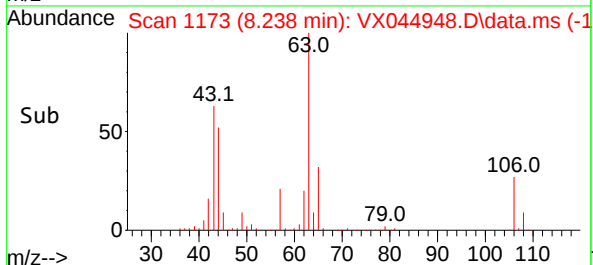
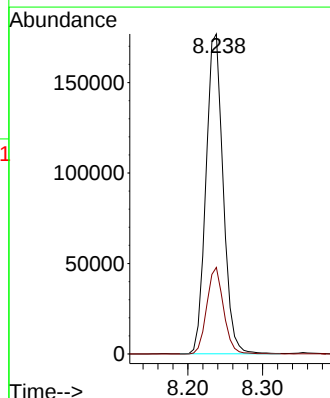
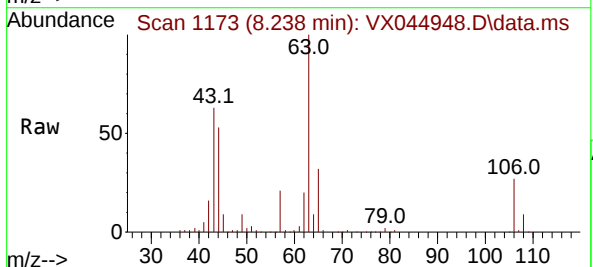
Acq: 14 Feb 2025 10:04

Tgt Ion: 63 Resp: 281369

Ion Ratio Lower Upper

63 100

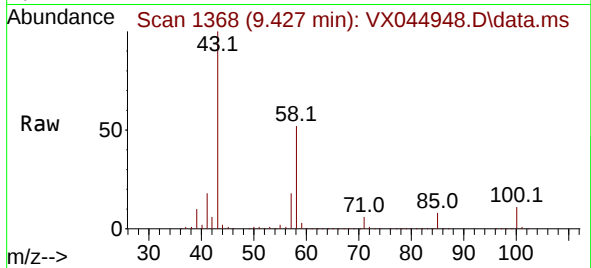
106 26.5 21.3 31.9





#59
2-Hexanone
Concen: 291.536 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

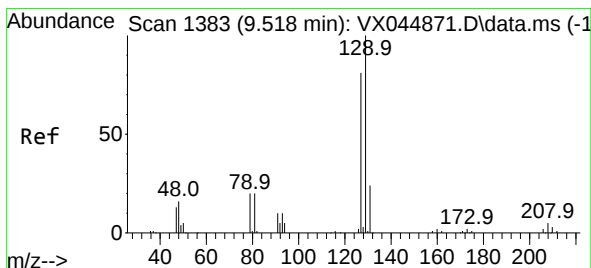
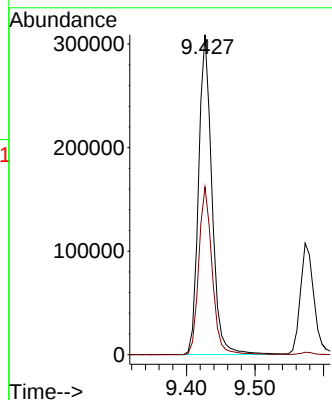
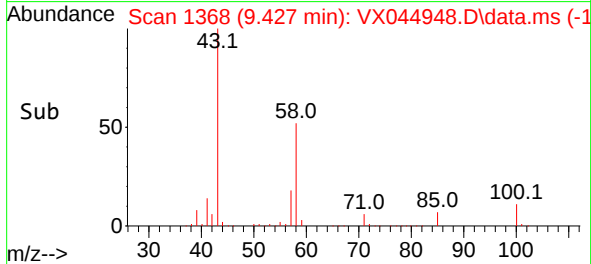
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



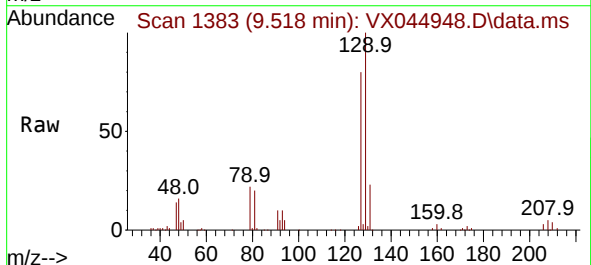
Tgt Ion: 43 Resp: 419224
Ion Ratio Lower Upper
43 100
58 52.6 27.5 82.4

Manual Integrations
APPROVED

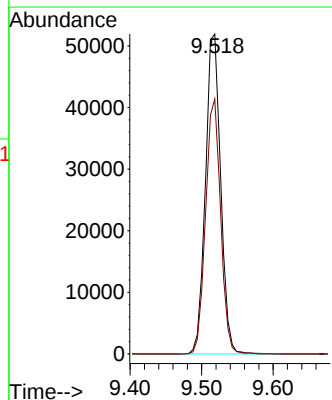
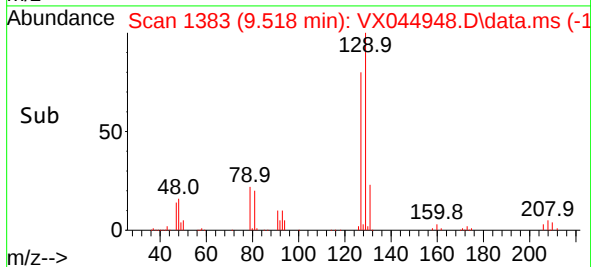
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

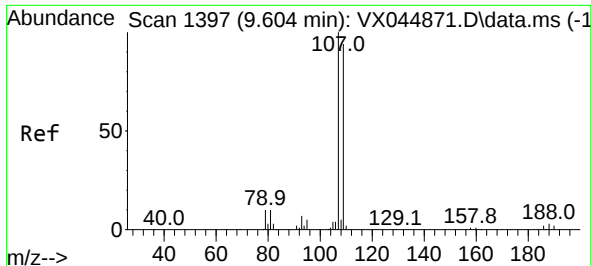


#60
Dibromochloromethane
Concen: 55.049 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



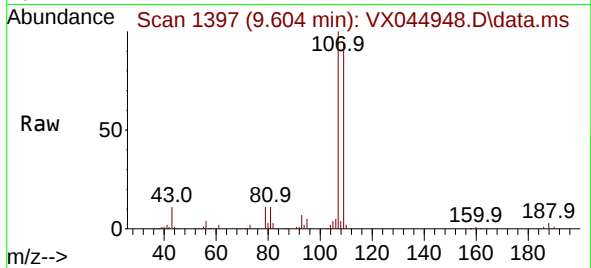
Tgt Ion:129 Resp: 76923
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3





#61
1,2-Dibromoethane
Concen: 53.050 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

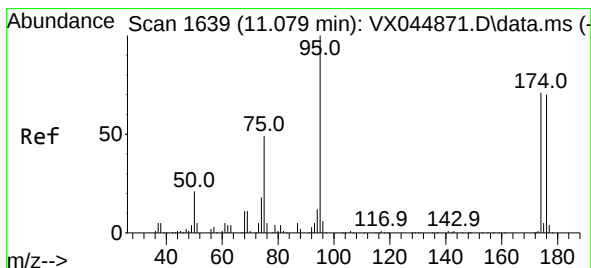
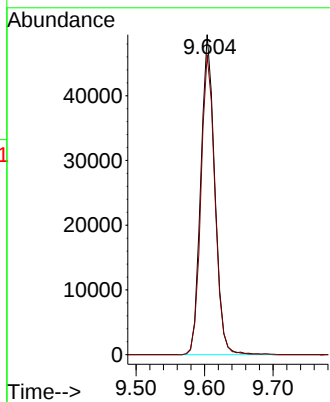
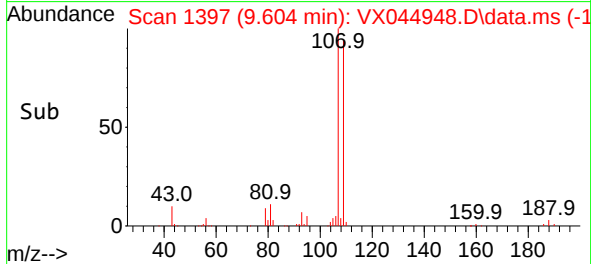
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 70254
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9

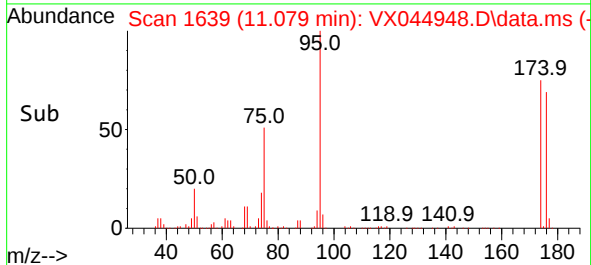
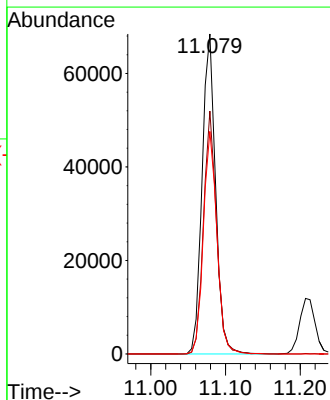
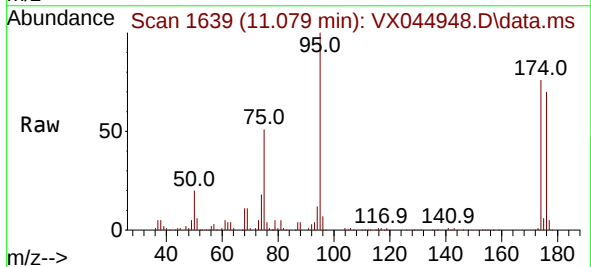
Manual Integrations
APPROVED

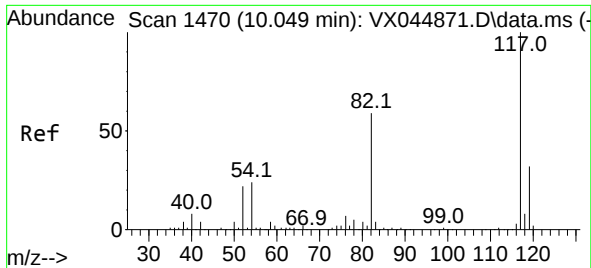
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 53.134 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

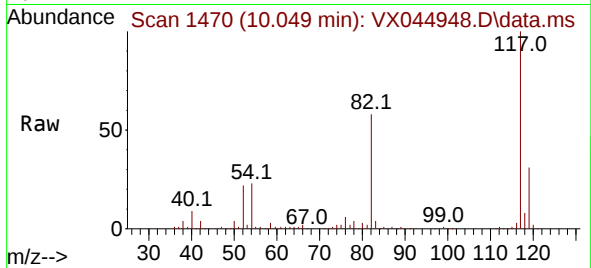
Tgt Ion: 95 Resp: 85808
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.6
176 70.0 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

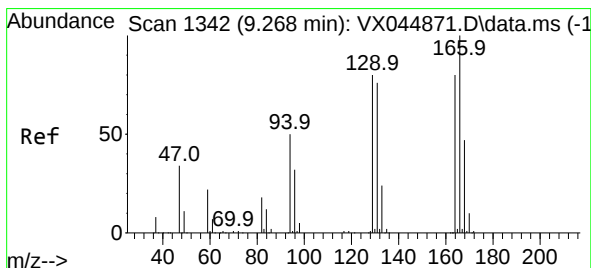
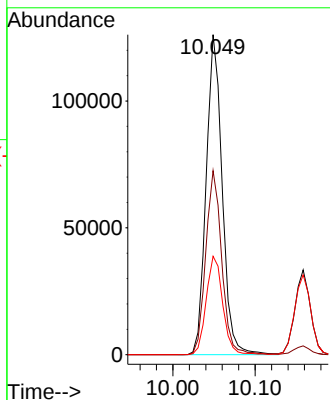
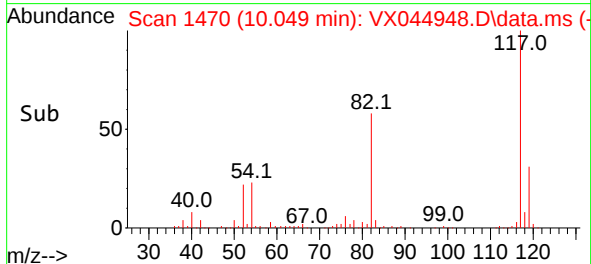
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 171164
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 30.7 25.4 38.0

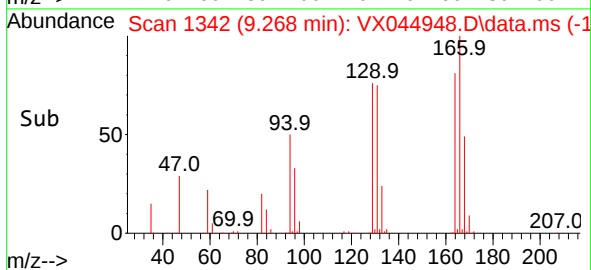
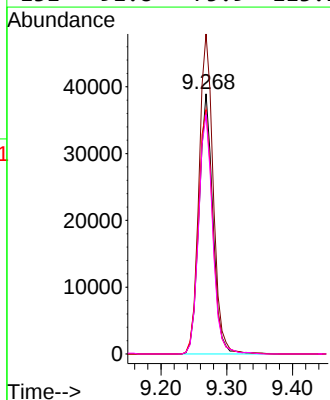
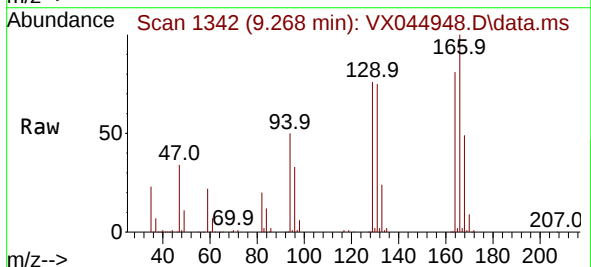
Manual Integrations
APPROVED

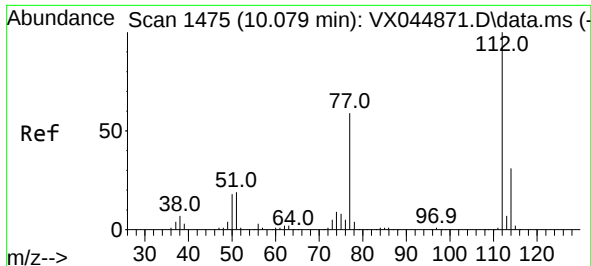
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#64
Tetrachloroethene
Concen: 52.606 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion:164 Resp: 56785
Ion Ratio Lower Upper
164 100
166 123.0 100.4 150.6
129 93.9 79.9 119.9
131 91.8 75.9 113.9





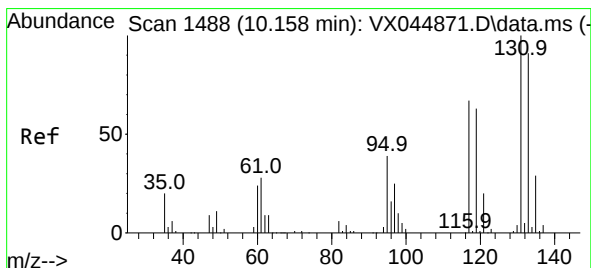
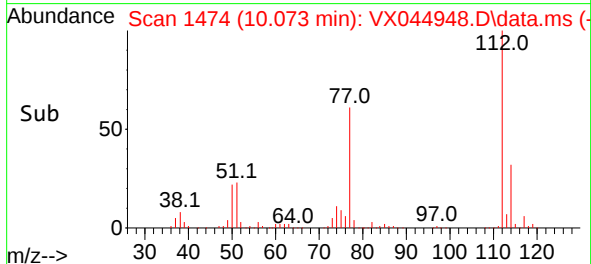
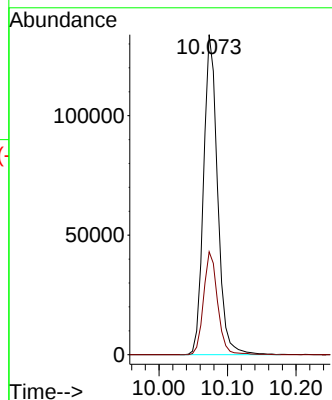
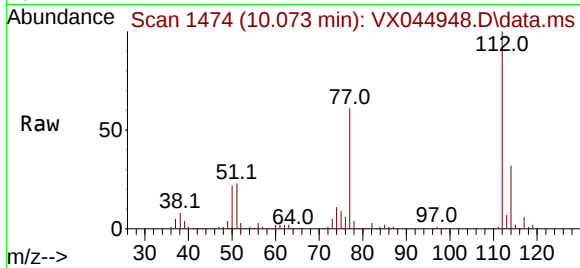
#65
Chlorobenzene
Concen: 52.037 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 19130
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6

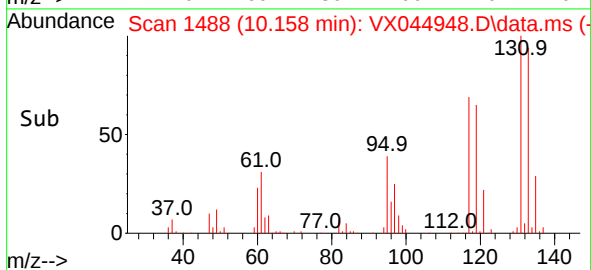
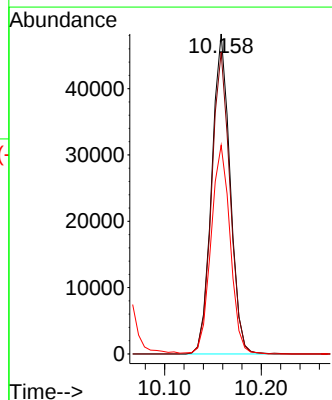
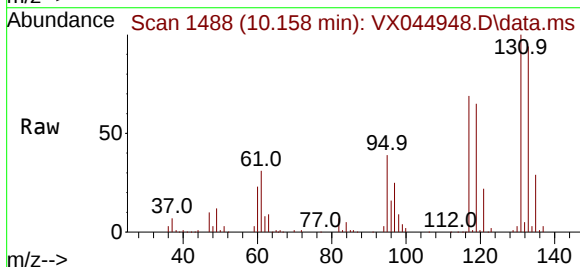
Manual Integrations
APPROVED

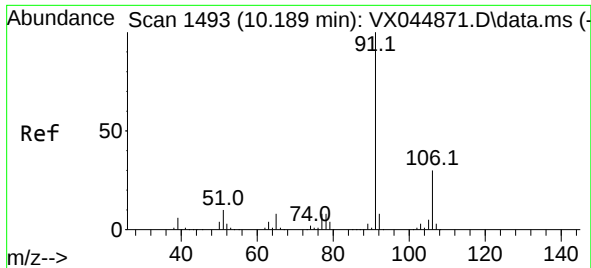
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.691 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

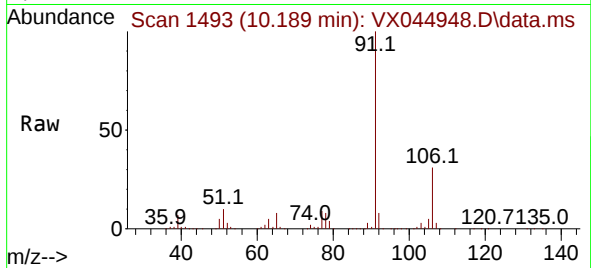
Tgt Ion:131 Resp: 63533
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 68.0 33.6 100.6





#67
Ethyl Benzene
Concen: 52.604 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

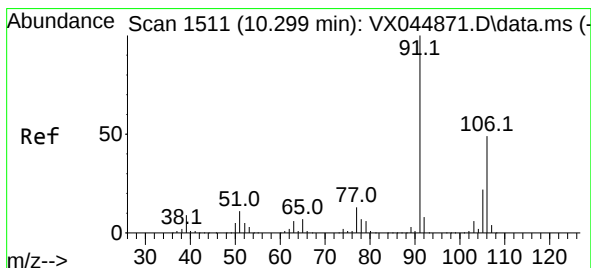
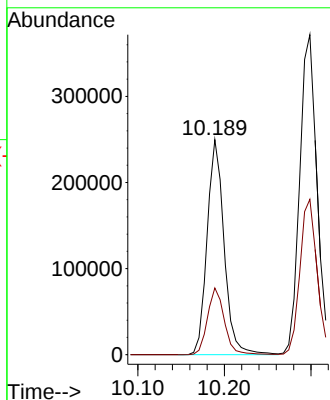
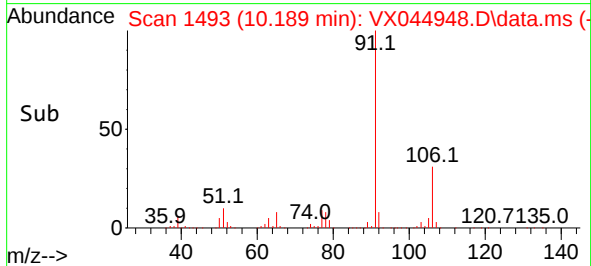
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 341272
Ion Ratio Lower Upper
91 100
106 31.1 23.9 35.9

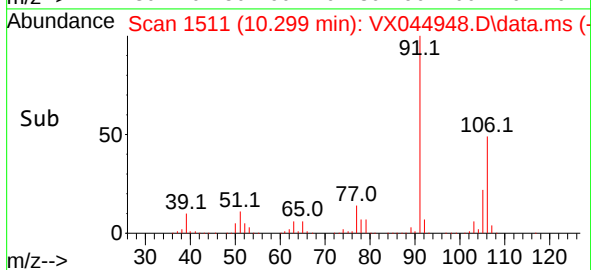
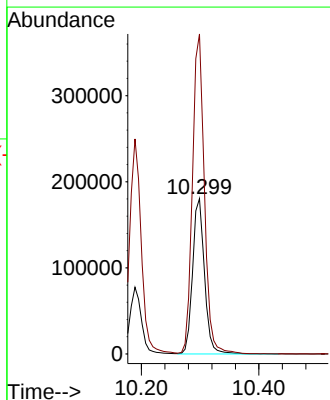
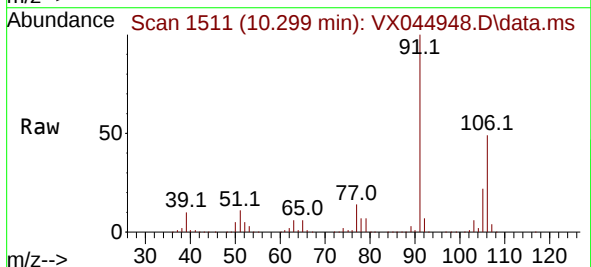
Manual Integrations
APPROVED

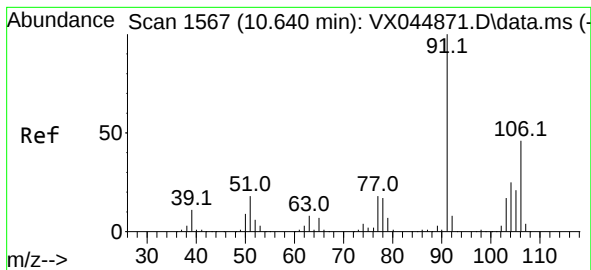
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#68
m/p-Xylenes
Concen: 105.747 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

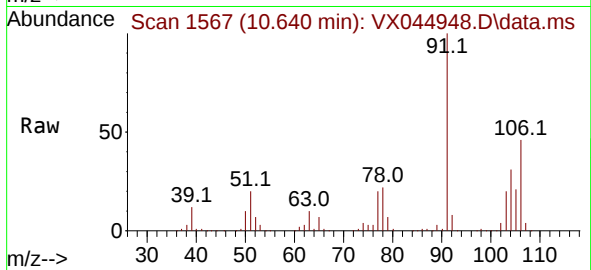
Tgt Ion:106 Resp: 253071
Ion Ratio Lower Upper
106 100
91 207.1 164.3 246.5





#69
o-Xylene
Concen: 52.257 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

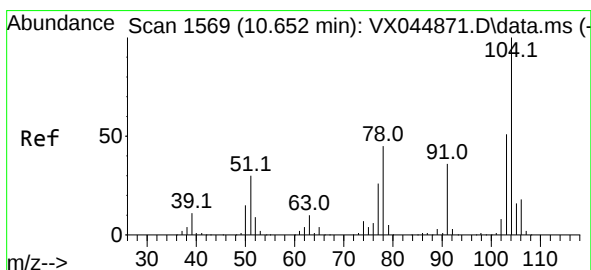
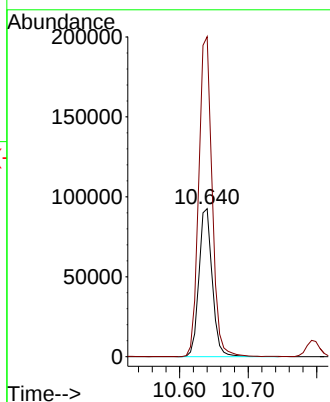
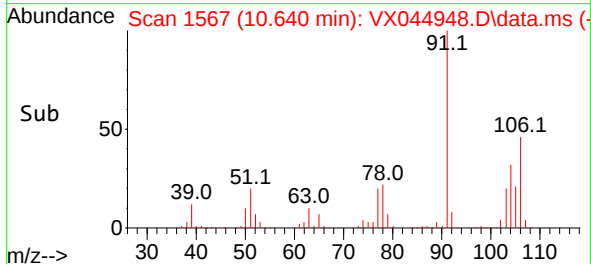
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 125488
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.5

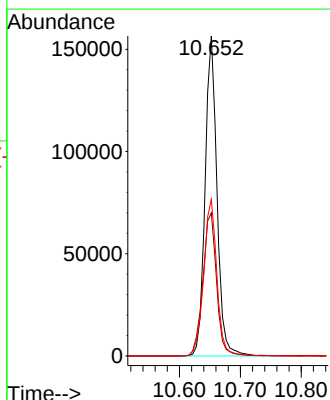
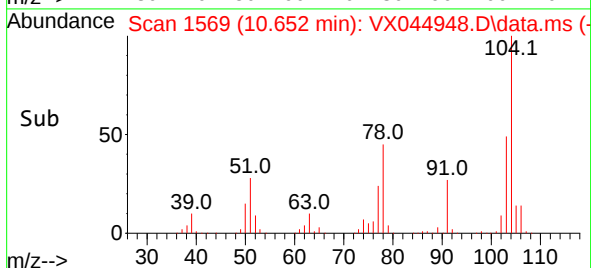
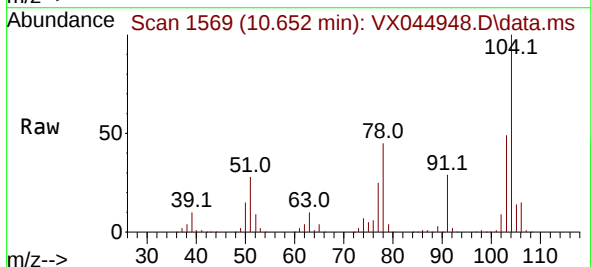
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 55.028 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Tgt Ion:104 Resp: 212892
Ion Ratio Lower Upper
104 100
78 51.6 40.5 60.7
103 54.2 43.6 65.4





#71

Bromoform

Concen: 56.956 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

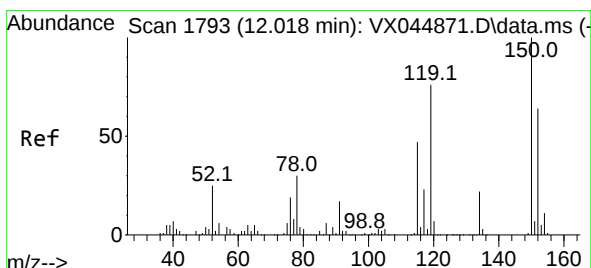
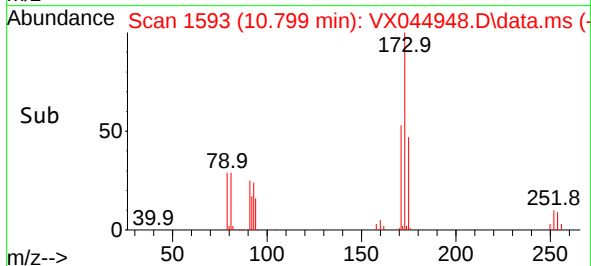
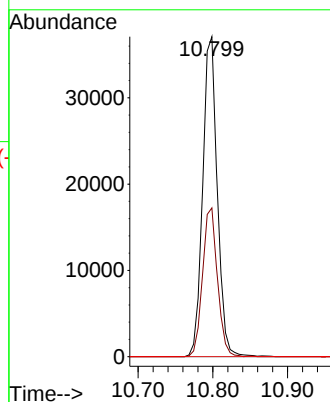
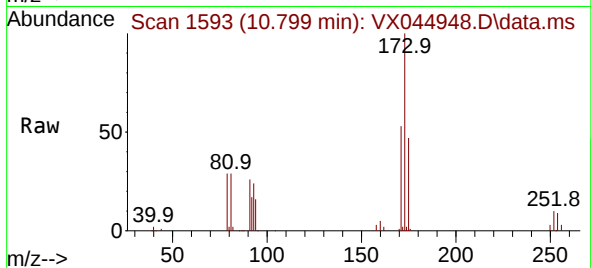
Tgt Ion:173 Resp: 50298
 Ion Ratio Lower Upper
 173 100
 175 47.4 24.3 72.8
 254 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

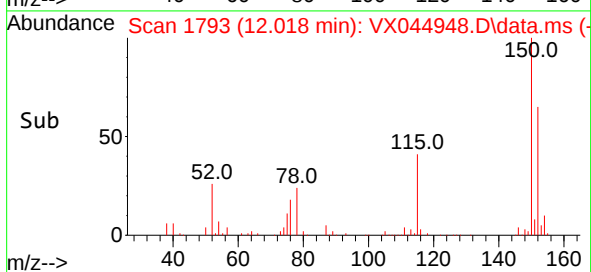
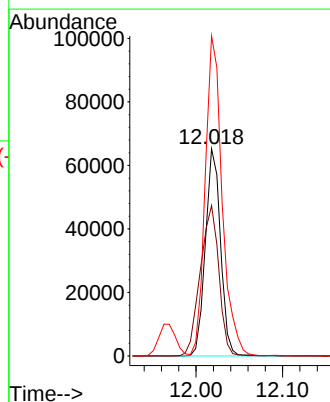
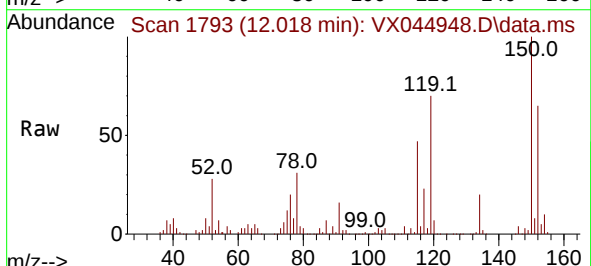
RT: 12.018 min Scan# 1793

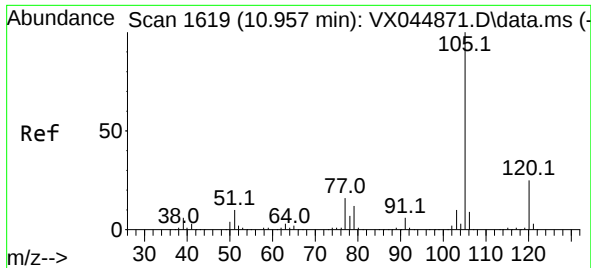
Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

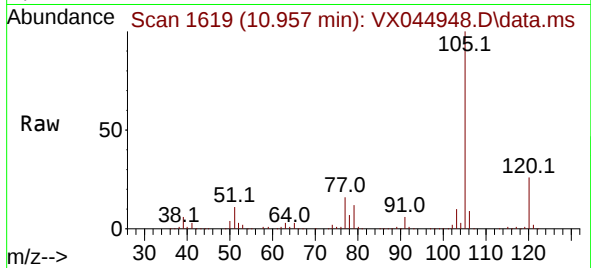
Tgt Ion:152 Resp: 79140
 Ion Ratio Lower Upper
 152 100
 115 89.1 43.4 130.1
 150 172.5 0.0 350.4





#73
Isopropylbenzene
Concen: 50.759 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

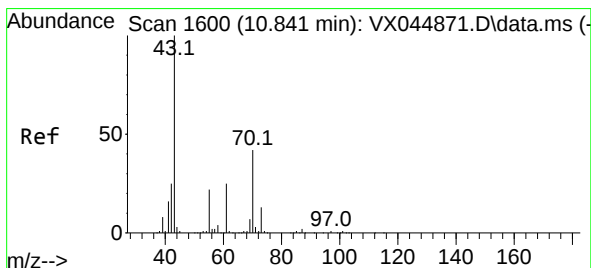
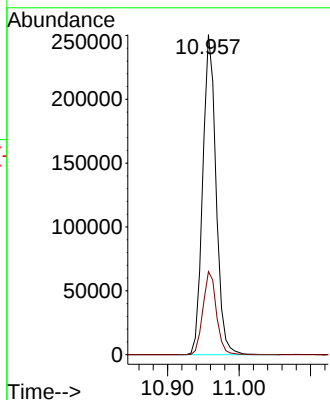
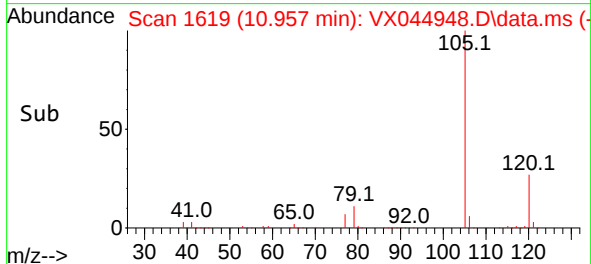
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



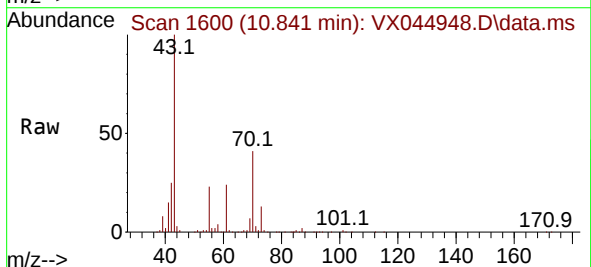
Tgt Ion:105 Resp: 323452
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

Manual Integrations
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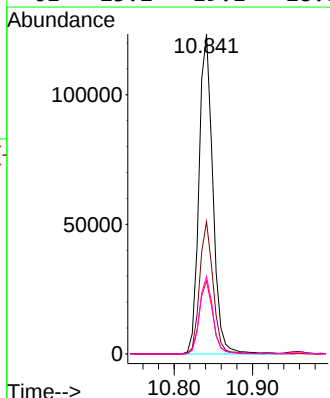
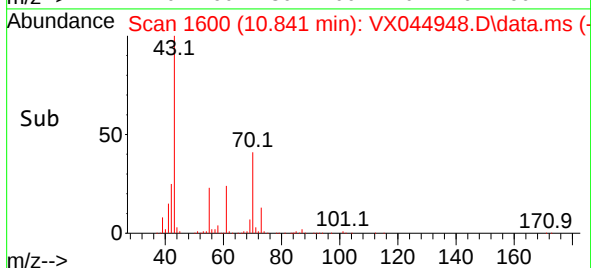
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

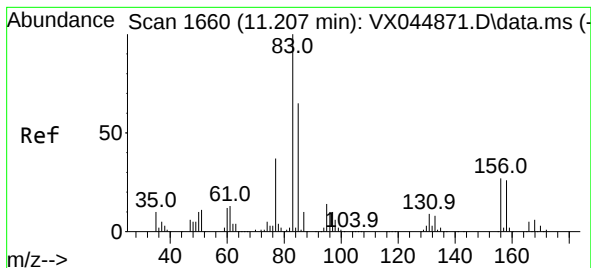


#74
N-ethyl acetate
Concen: 52.711 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



Tgt Ion: 43 Resp: 151995
Ion Ratio Lower Upper
43 100
70 40.1 33.7 50.5
55 22.8 18.6 27.8
61 23.2 19.1 28.7





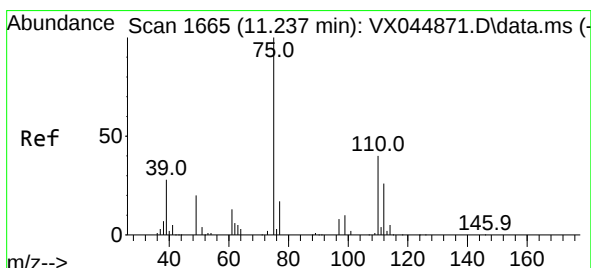
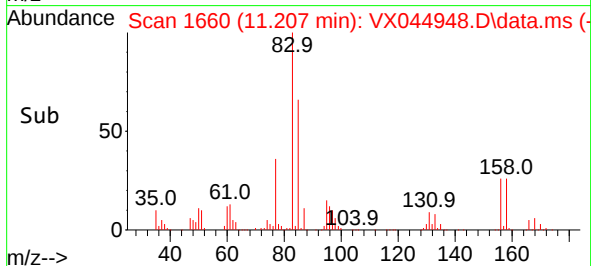
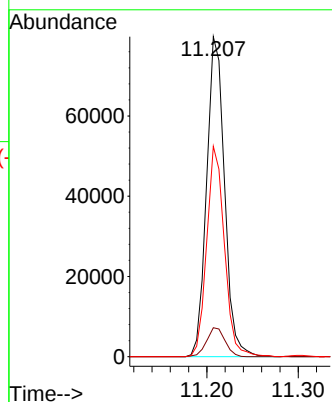
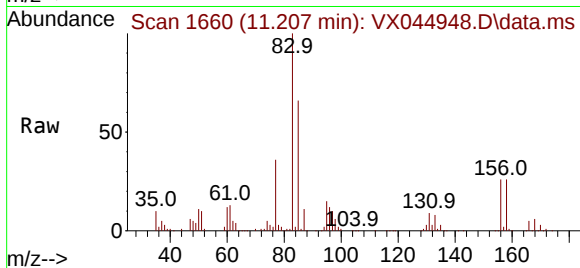
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.450 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044948.D
 Acq: 14 Feb 2025 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 108280
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.5 13.5
 85 65.1 32.3 96.8

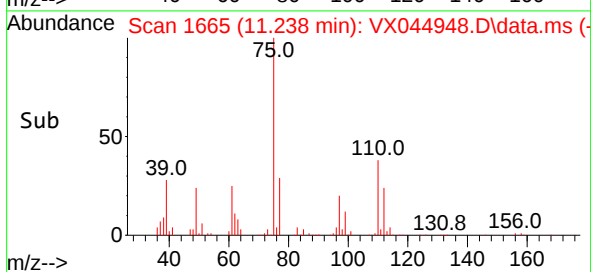
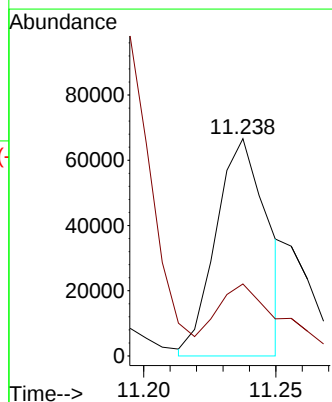
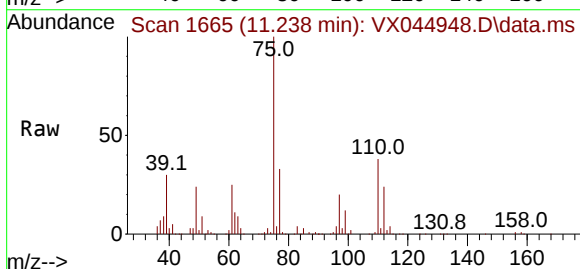
Manual Integrations
 APPROVED

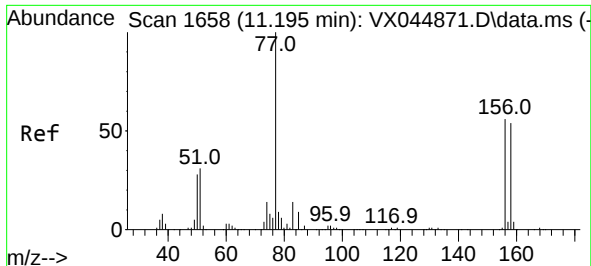
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#76
 1,2,3-Trichloropropane
 Concen: 51.210 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044948.D
 Acq: 14 Feb 2025 10:04

Tgt Ion: 75 Resp: 89855
 Ion Ratio Lower Upper
 75 100
 77 42.6 21.9 65.7





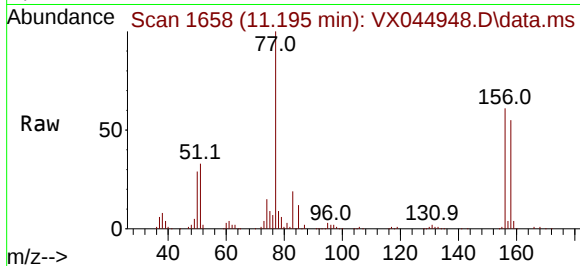
#77
Bromobenzene
Concen: 51.785 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



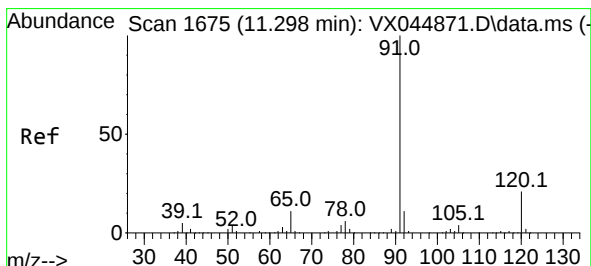
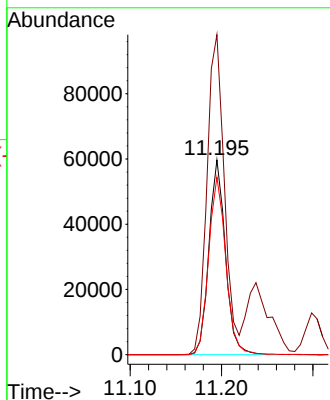
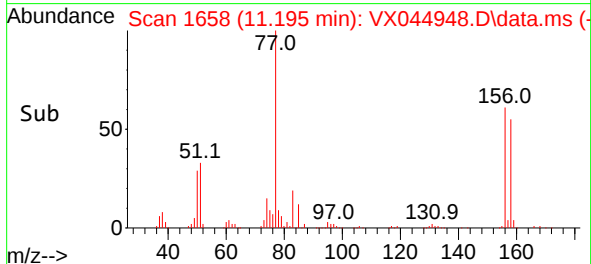
Tgt Ion:156 Resp: 74811
Ion Ratio Lower Upper
156 100
77 172.6 88.4 265.3
158 95.3 48.4 145.2

Manual Integrations

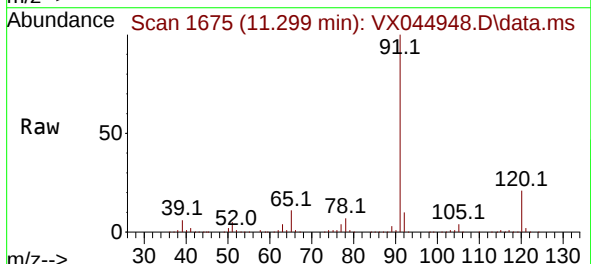
APPROVED

Reviewed By :John Carlone 02/18/2025

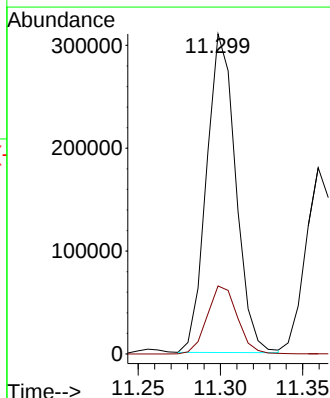
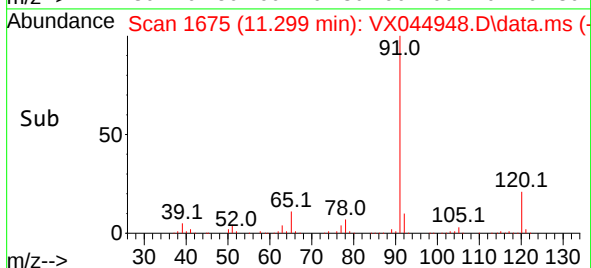
Supervised By :Mahesh Dadoda 02/19/2025

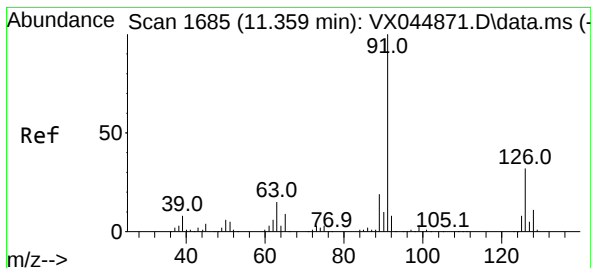


#78
n-propylbenzene
Concen: 52.104 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



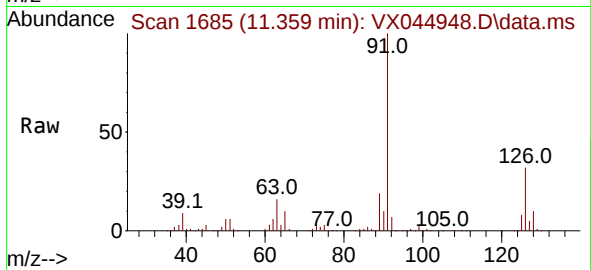
Tgt Ion: 91 Resp: 383227
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





#79
2-Chlorotoluene
Concen: 50.293 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

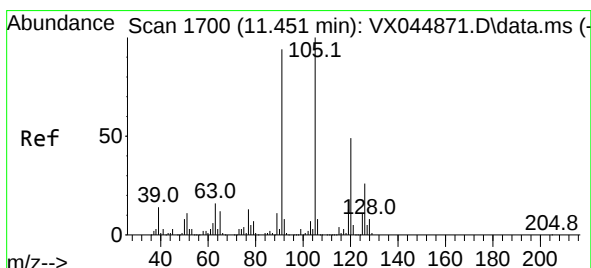
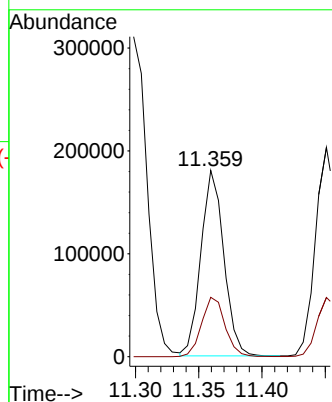
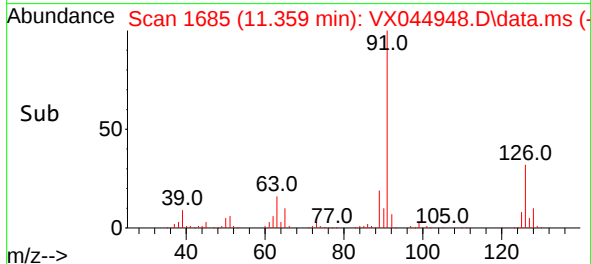
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



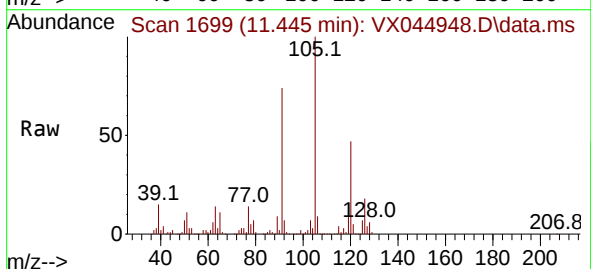
Tgt Ion: 91 Resp: 227340
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6

Manual Integrations
APPROVED

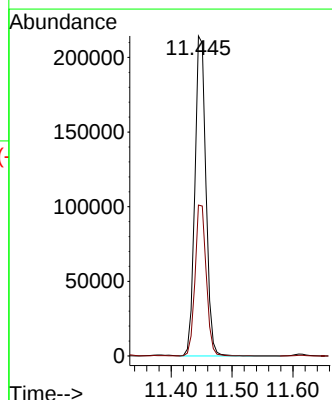
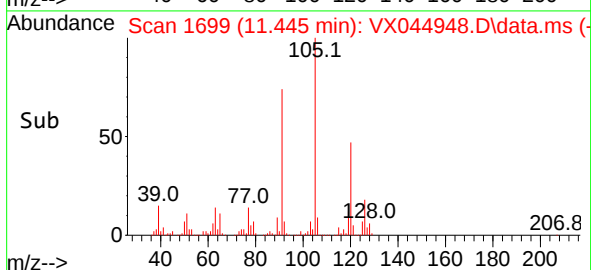
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

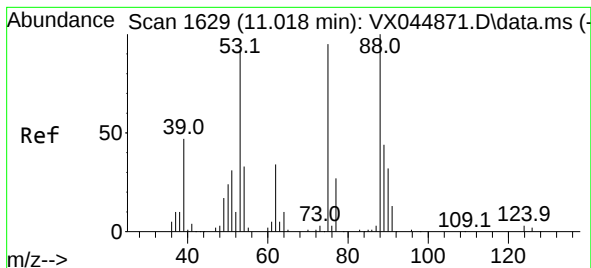


#80
1,3,5-Trimethylbenzene
Concen: 52.135 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



Tgt Ion:105 Resp: 269593
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0





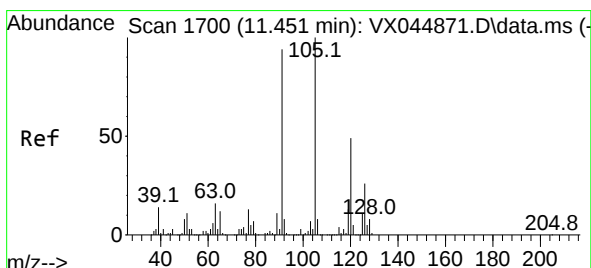
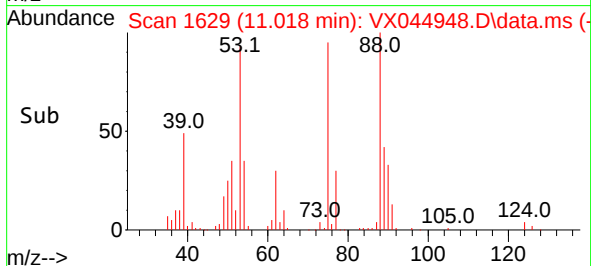
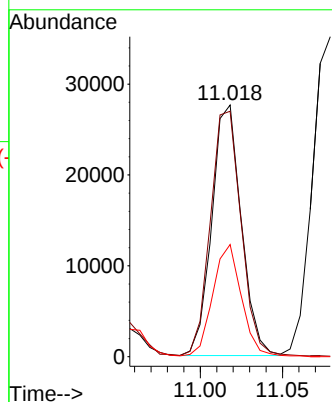
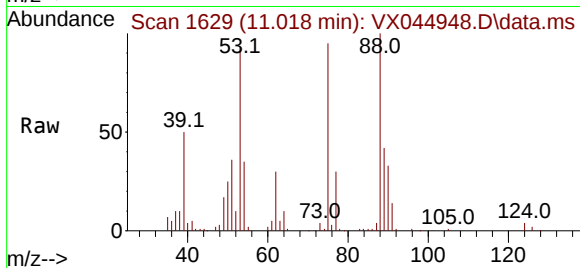
#81
trans-1,4-Dichloro-2-butene
Concen: 50.555 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 34484
Ion Ratio Lower Upper
75 100
53 103.0 78.0 117.0
89 43.6 36.6 54.8

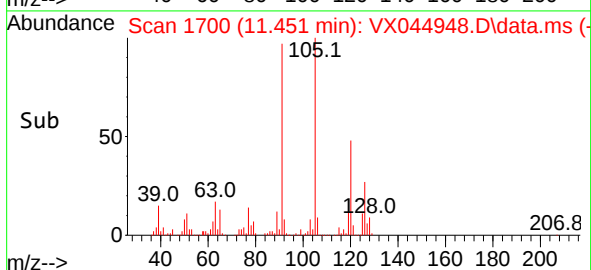
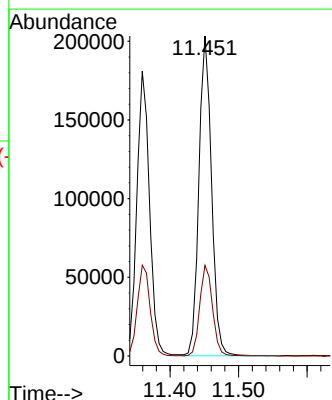
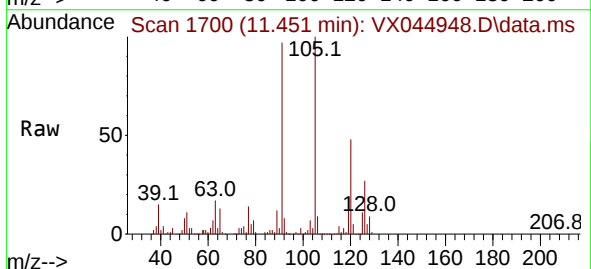
Manual Integrations
APPROVED

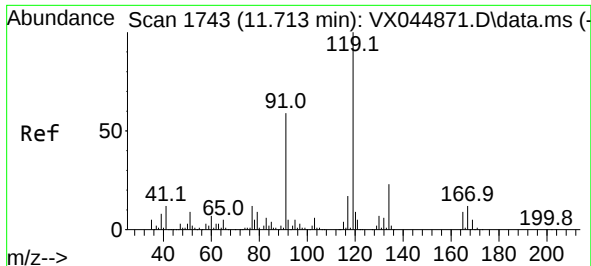
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 52.037 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

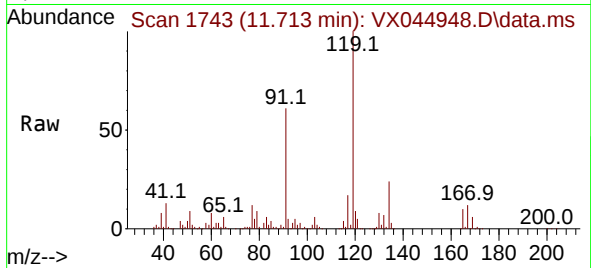
Tgt Ion: 91 Resp: 260241
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.808 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

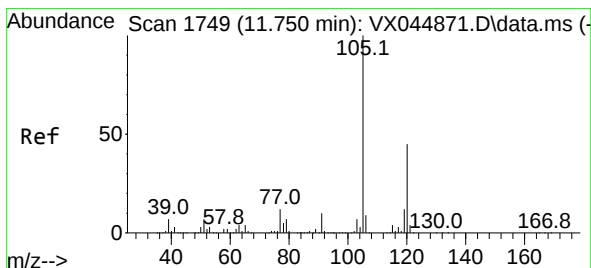
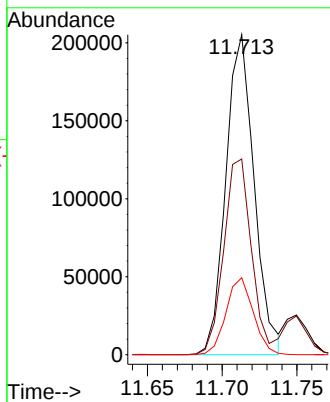
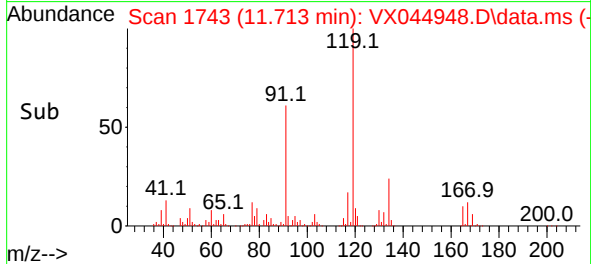
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



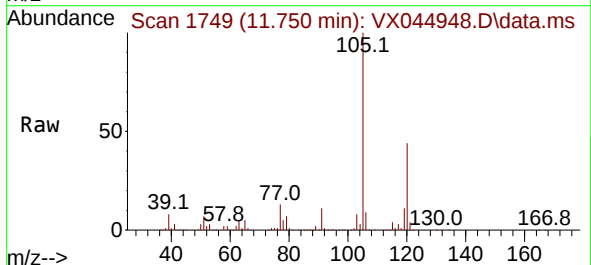
Tgt Ion:119 Resp: 271023
Ion Ratio Lower Upper
119 100
91 59.2 29.1 87.4
134 23.1 11.5 34.5

Manual Integrations
APPROVED

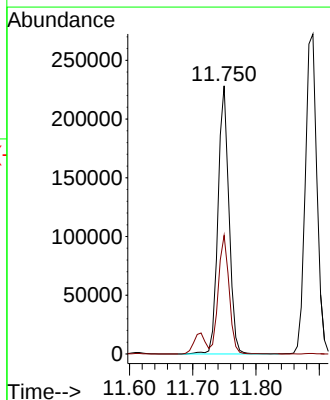
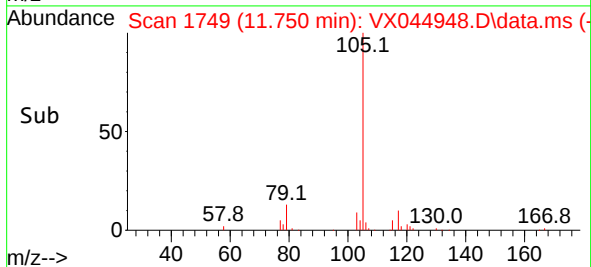
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

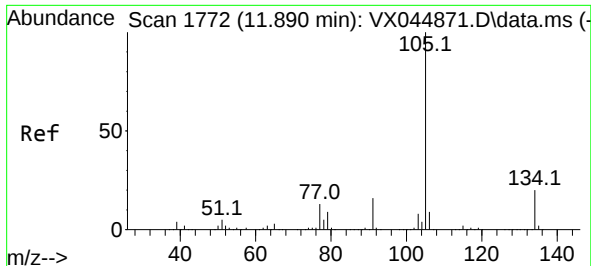


#84
1,2,4-Trimethylbenzene
Concen: 53.576 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



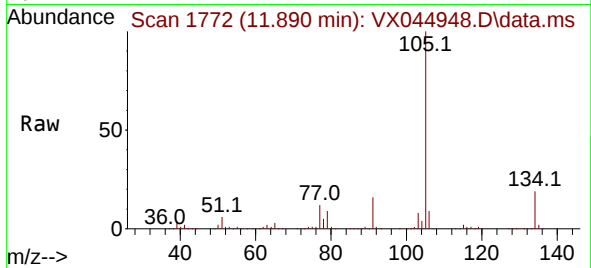
Tgt Ion:105 Resp: 273444
Ion Ratio Lower Upper
105 100
120 43.7 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 53.285 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044948.D
 Acq: 14 Feb 2025 10:04

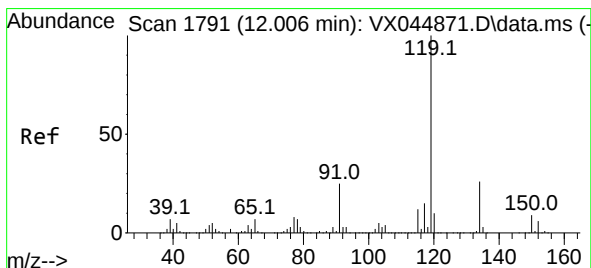
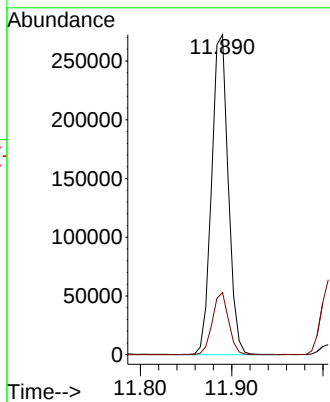
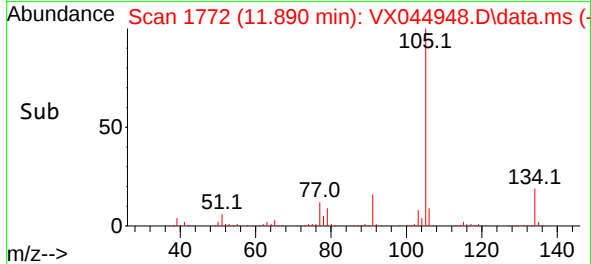
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



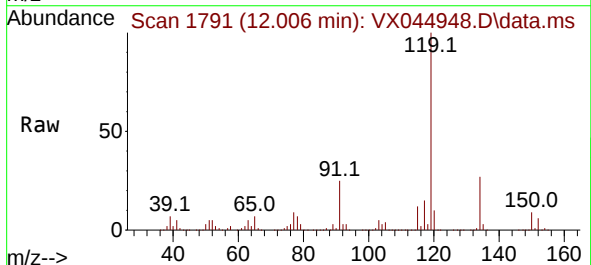
Tgt Ion:105 Resp: 345172
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations
 APPROVED

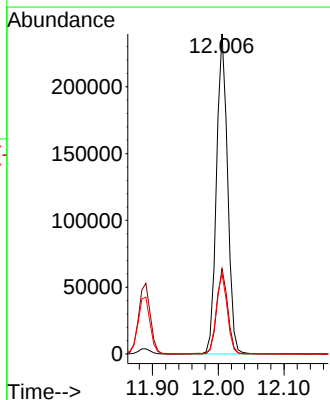
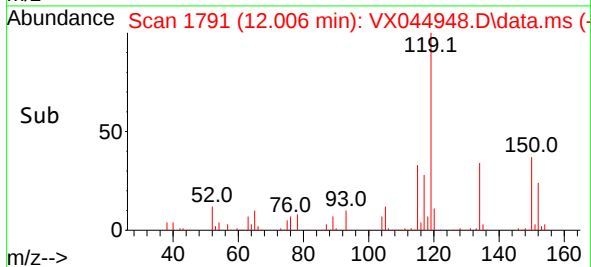
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#86
 p-Isopropyltoluene
 Concen: 53.974 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044948.D
 Acq: 14 Feb 2025 10:04



Tgt Ion:119 Resp: 281168
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.302 ug/l

RT: 11.963 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 138952

Ion Ratio Lower Upper

146 100

111 41.8 21.2 63.6

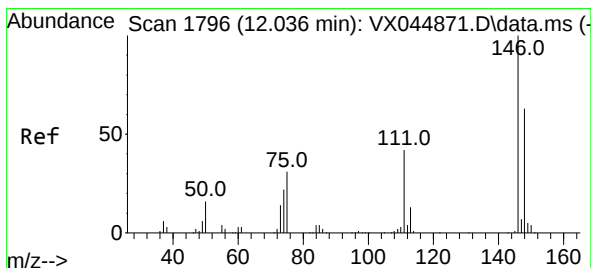
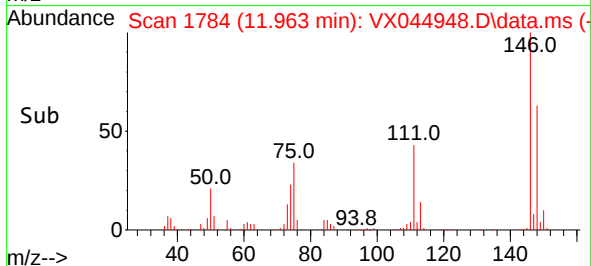
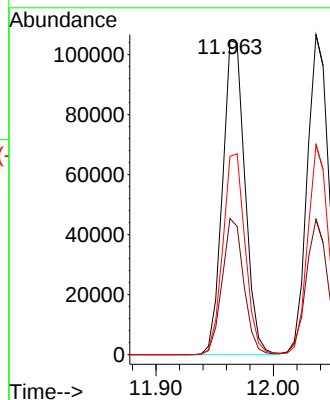
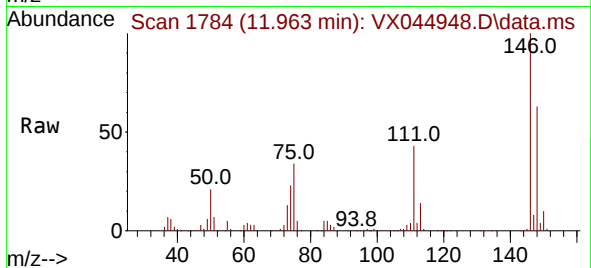
148 63.8 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#88

1,4-Dichlorobenzene

Concen: 51.107 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044948.D

Acq: 14 Feb 2025 10:04

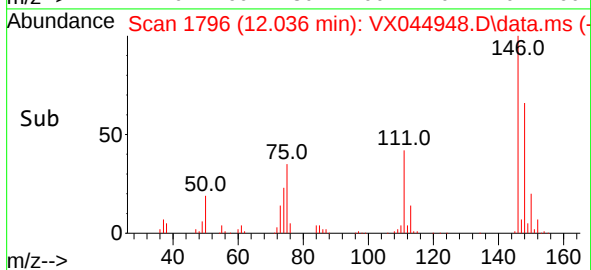
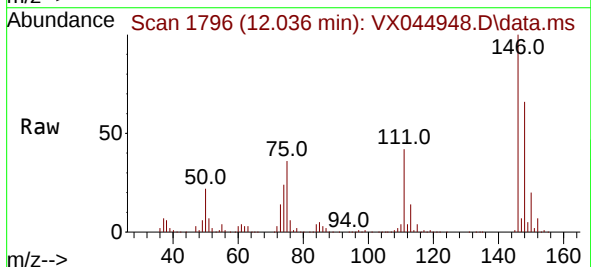
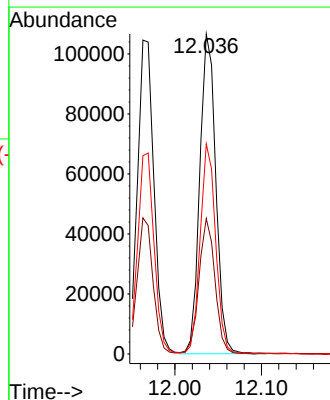
Tgt Ion:146 Resp: 137282

Ion Ratio Lower Upper

146 100

111 42.3 20.4 61.3

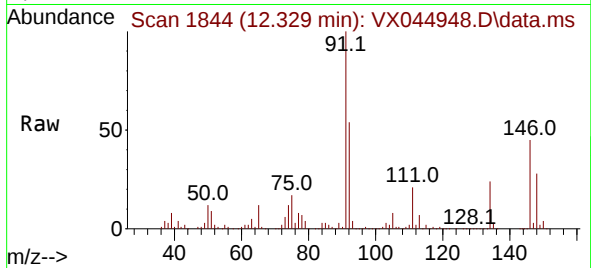
148 63.2 32.0 96.0





#89
n-Butylbenzene
Concen: 56.406 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

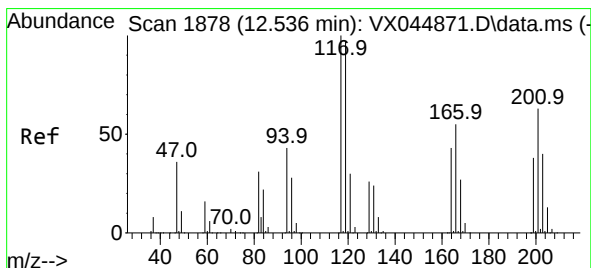
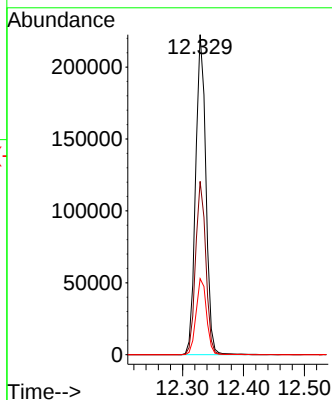
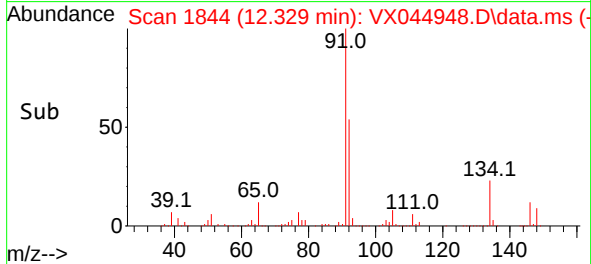
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 25995
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 24.3 12.1 36.3

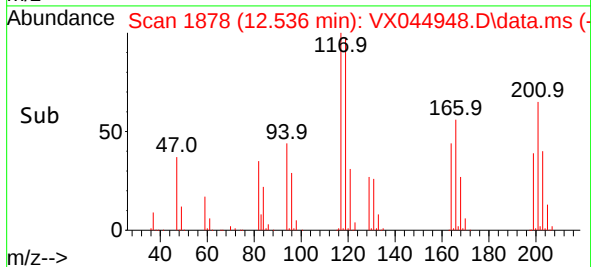
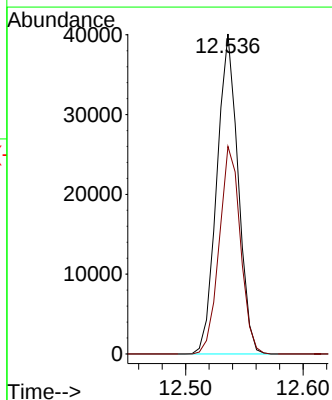
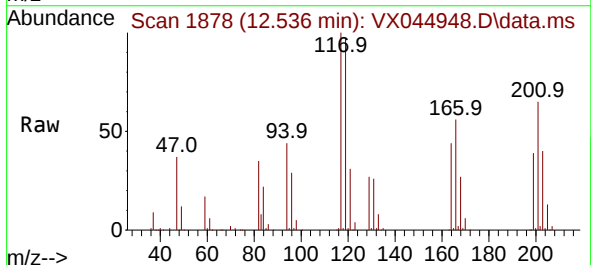
Manual Integrations
APPROVED

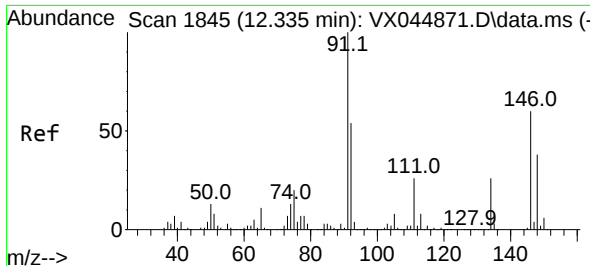
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#90
Hexachloroethane
Concen: 51.715 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

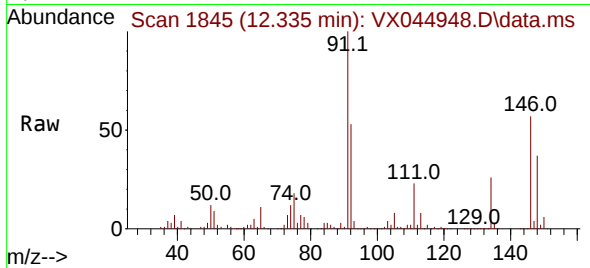
Tgt Ion:117 Resp: 50444
Ion Ratio Lower Upper
117 100
201 64.6 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 51.683 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

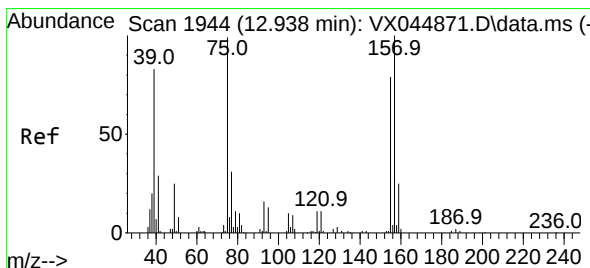
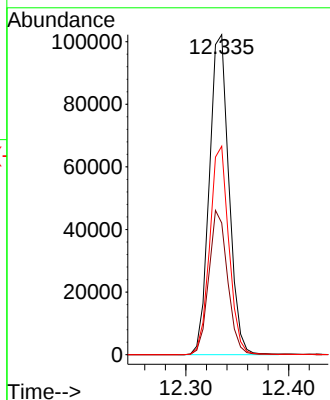
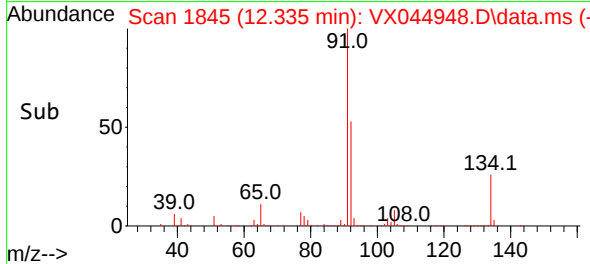
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



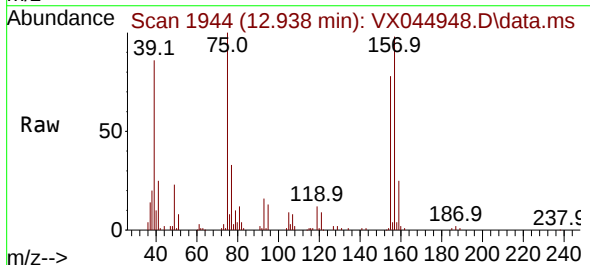
Tgt Ion:146 Resp: 134948
Ion Ratio Lower Upper
146 100
111 43.2 21.8 65.4
148 63.8 31.9 95.9

Manual Integrations
APPROVED

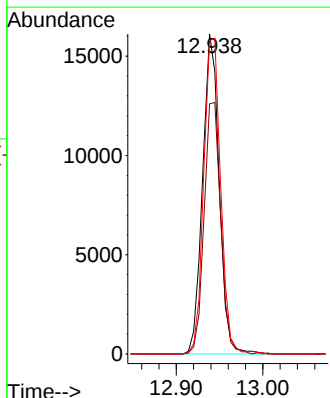
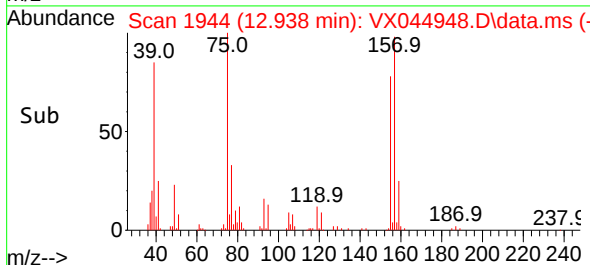
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

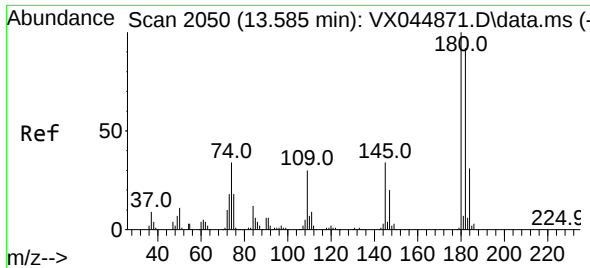


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.715 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



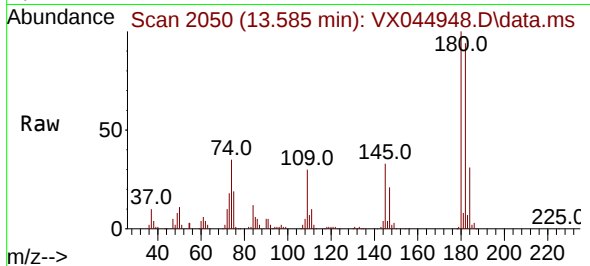
Tgt Ion: 75 Resp: 21467
Ion Ratio Lower Upper
75 100
155 78.7 40.5 121.4
157 100.5 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 52.814 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

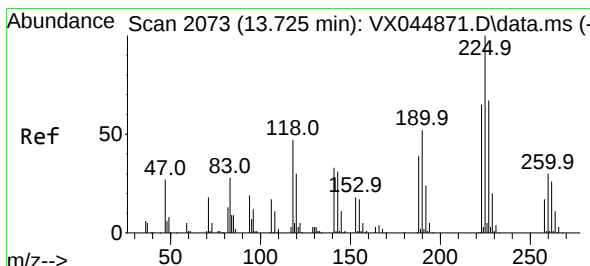
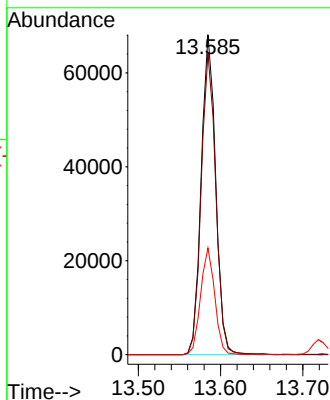
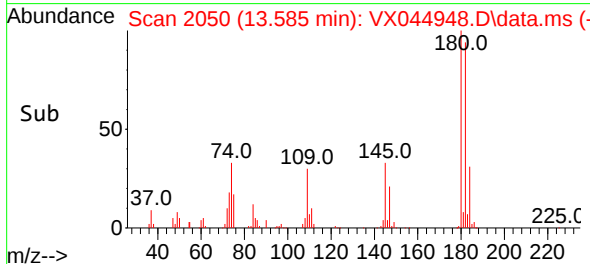
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



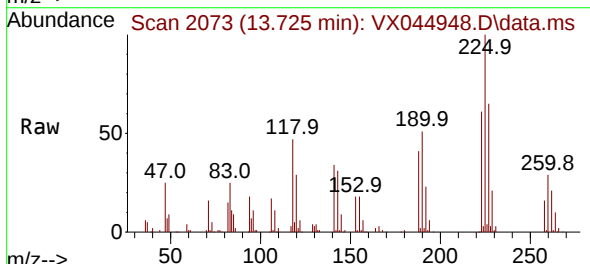
Tgt Ion:180 Resp: 8344
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.8
145 32.5 16.4 49.1

Manual Integrations
APPROVED

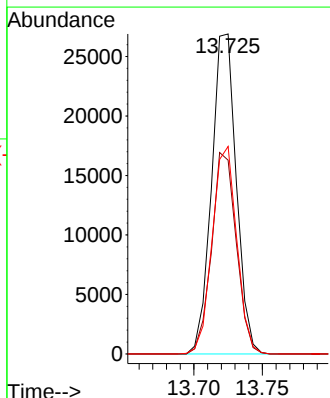
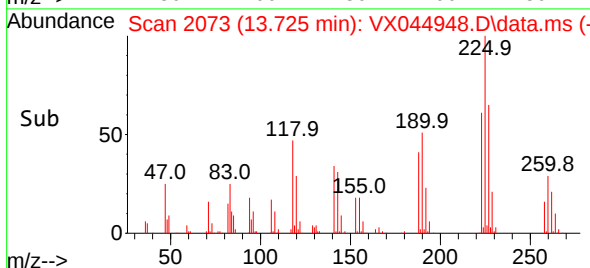
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

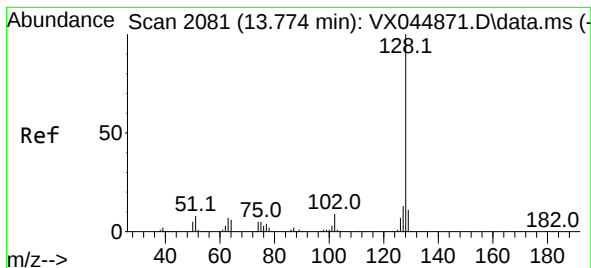


#94
Hexachlorobutadiene
Concen: 53.707 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



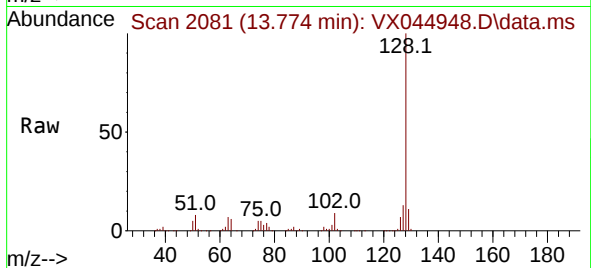
Tgt Ion:225 Resp: 33686
Ion Ratio Lower Upper
225 100
223 62.9 31.4 94.2
227 64.5 32.3 96.8





#95
Naphthalene
Concen: 52.263 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04

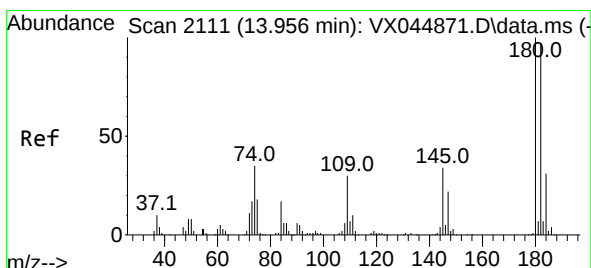
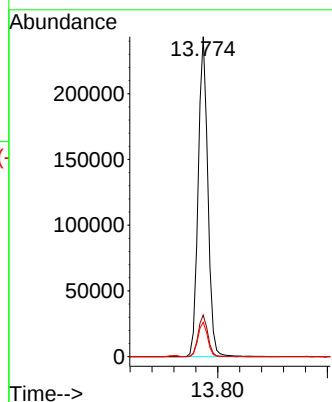
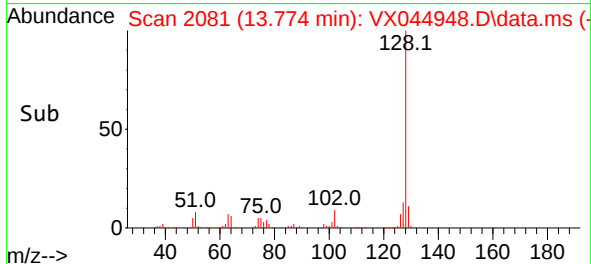
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



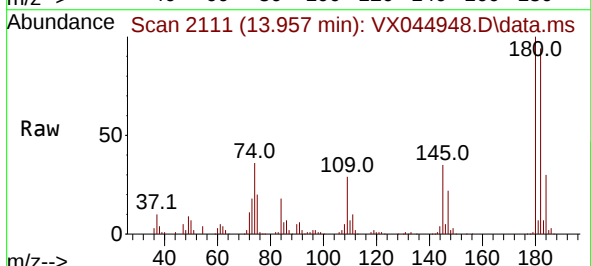
Tgt Ion:128 Resp: 298494
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.918 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044948.D
Acq: 14 Feb 2025 10:04



Tgt Ion:180 Resp: 84247
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 34.4 17.1 51.3

