

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045080.D
 Acq On : 28 Feb 2025 11:46
 Operator : JC/MD
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 03/03/2025

Quant Time: Feb 28 14:28:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	108329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80881	46.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.880%		
35) Dibromofluoromethane	5.379	113	62124	48.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	8.647	98	233874	50.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.120%		
62) 4-Bromofluorobenzene	11.079	95	78964	51.005	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25993	19.062	ug/l	98
3) Chloromethane	1.301	50	31053	18.608	ug/l	96
4) Vinyl Chloride	1.374	62	30398	18.363	ug/l	96
5) Bromomethane	1.593	94	11496	17.665	ug/l	98
6) Chloroethane	1.660	64	12662	16.582	ug/l	99
7) Trichlorofluoromethane	1.868	101	40845	18.638	ug/l	100
8) Diethyl Ether	2.136	74	14376	16.771	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	25054	19.899	ug/l	99
10) Methyl Iodide	2.441	142	27491	17.472	ug/l	97
11) Tert butyl alcohol	2.995	59	26171	80.184	ug/l	99
12) 1,1-Dichloroethene	2.306	96	24097	18.103	ug/l	97
13) Acrolein	2.239	56	42643	113.023	ug/l	98
14) Allyl chloride	2.654	41	44238	18.670	ug/l	99
15) Acrylonitrile	3.069	53	78022	89.193	ug/l	98
16) Acetone	2.386	43	66572	83.269	ug/l	100
17) Carbon Disulfide	2.502	76	62721	17.691	ug/l	97
18) Methyl Acetate	2.709	43	33660	17.501	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	79756	17.859	ug/l	98
20) Methylene Chloride	2.782	84	28274	17.853	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	24403	18.556	ug/l	95
22) Diisopropyl ether	3.764	45	89611	18.596	ug/l	94
23) Vinyl Acetate	3.721	43	377536	93.881	ug/l	99
24) 1,1-Dichloroethane	3.599	63	48272	17.874	ug/l	99
25) 2-Butanone	4.562	43	110248	91.613	ug/l	100
26) 2,2-Dichloropropane	4.471	77	33053	26.092	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	29539	18.196	ug/l	96
28) Bromochloromethane	4.891	49	22404	17.404	ug/l	98
29) Tetrahydrofuran	5.007	42	71331	88.264	ug/l	99
30) Chloroform	5.086	83	48521	18.082	ug/l	97
31) Cyclohexane	5.458	56	45303	19.324	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	39336	18.150	ug/l	99
36) 1,1-Dichloropropene	5.684	75	33230	18.803	ug/l	99
37) Ethyl Acetate	4.715	43	40562	17.811	ug/l	98
38) Carbon Tetrachloride	5.666	117	33280	18.548	ug/l	96
39) Methylcyclohexane	7.373	83	44081	20.816	ug/l	97
40) Benzene	6.031	78	106228	19.035	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22360	18.159	ug/l	97
42) 1,2-Dichloroethane	6.086	62	37297	18.559	ug/l	100
43) Isopropyl Acetate	6.342	43	64239	19.076	ug/l	99
44) Trichloroethene	7.123	130	24390	18.612	ug/l	93
45) 1,2-Dichloropropane	7.428	63	26709	18.614	ug/l	96
46) Dibromomethane	7.580	93	19218	18.949	ug/l	99
47) Bromodichloromethane	7.818	83	37048	18.624	ug/l	99
48) Methyl methacrylate	7.690	41	30953	18.322	ug/l	97
49) 1,4-Dioxane	7.665	88	13158	369.225	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	216153	95.598	ug/l	100
52) Toluene	8.714	92	64270	19.628	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	32395	19.479	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	38727	19.970	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	25711	19.074	ug/l	98
56) Ethyl methacrylate	9.116	69	38638	18.857	ug/l	99
57) 1,3-Dichloropropane	9.305	76	44044	18.881	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	99991	100.039	ug/l	99
59) 2-Hexanone	9.433	43	158894	96.991	ug/l	100
60) Dibromochloromethane	9.519	129	26039	18.475	ug/l	96
61) 1,2-Dibromoethane	9.610	107	25976	19.303	ug/l	97
64) Tetrachloroethene	9.269	164	20636	19.012	ug/l	98
65) Chlorobenzene	10.079	112	70182	19.571	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	21951	18.381	ug/l	98
67) Ethyl Benzene	10.189	91	121335	19.418	ug/l	100
68) m/p-Xylenes	10.299	106	91808	40.136	ug/l	99
69) o-Xylene	10.640	106	45354	19.659	ug/l	98
70) Styrene	10.653	104	75515	20.230	ug/l	98
71) Bromoform	10.799	173	16386	18.196	ug/l #	99
73) Isopropylbenzene	10.957	105	115731	19.389	ug/l	100
74) N-amyl acetate	10.842	43	53161	18.981	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	40107	18.311	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	31765m	17.847	ug/l	
77) Bromobenzene	11.195	156	26840	19.058	ug/l	99
78) n-propylbenzene	11.305	91	135011	20.023	ug/l	100
79) 2-Chlorotoluene	11.360	91	81025	18.869	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	96986	20.095	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9262	17.808	ug/l	90
82) 4-Chlorotoluene	11.451	91	90109	19.254	ug/l	98
83) tert-Butylbenzene	11.713	119	95461	19.251	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	95268	19.618	ug/l	99
85) sec-Butylbenzene	11.890	105	118388	19.930	ug/l	99
86) p-Isopropyltoluene	12.006	119	97752	20.363	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48888	19.459	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	49240	19.373	ug/l	99
89) n-Butylbenzene	12.329	91	84515	20.441	ug/l	100
90) Hexachloroethane	12.536	117	16106	18.549	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	48893	19.400	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7561	17.719	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	28247	19.684	ug/l	99
94) Hexachlorobutadiene	13.725	225	11980	20.362	ug/l	99
95) Naphthalene	13.774	128	106065	19.237	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30059	19.855	ug/l	99

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ClientSampleId :
VX0228WBS01

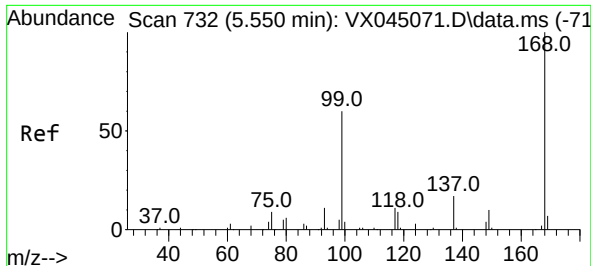
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/03/2025

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Response via : Initial Calibration

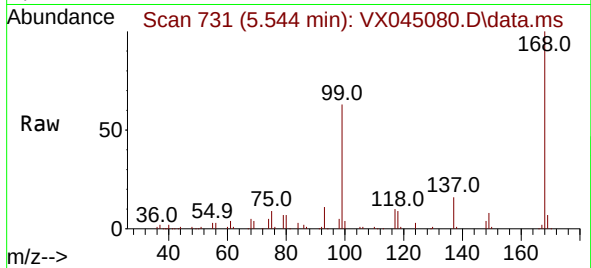
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045080.D
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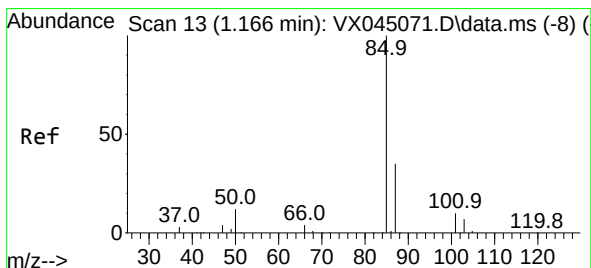
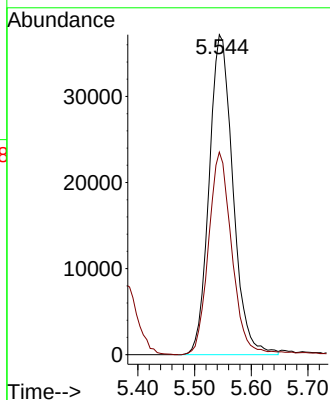
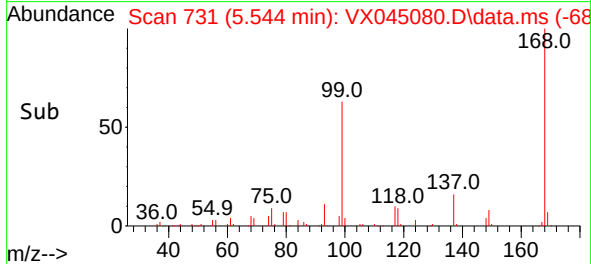
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion:168 Resp: 108329
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.4

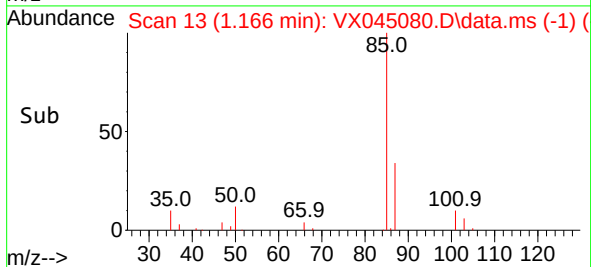
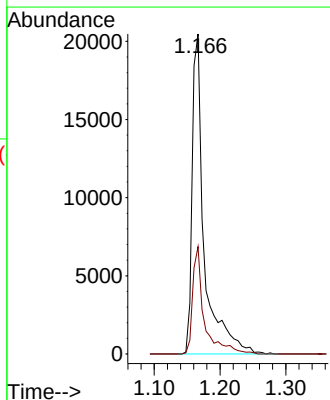
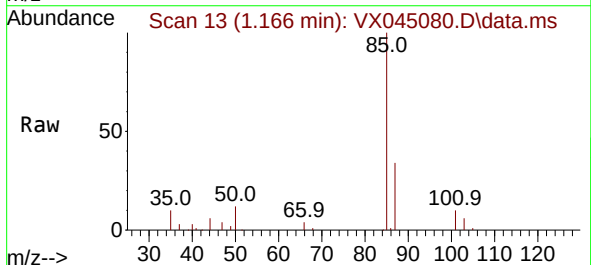
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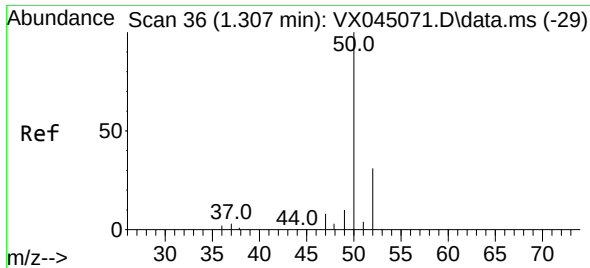
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#2
Dichlorodifluoromethane
Concen: 19.062 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion: 85 Resp: 25993
Ion Ratio Lower Upper
85 100
87 33.5 17.4 52.3





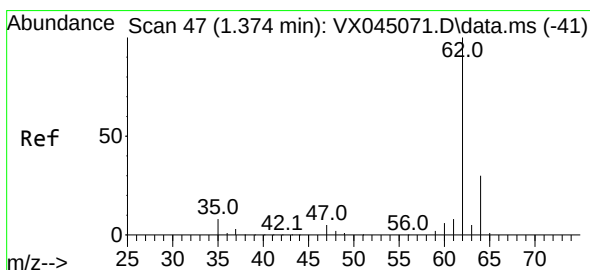
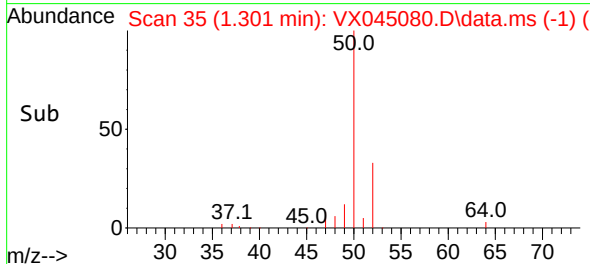
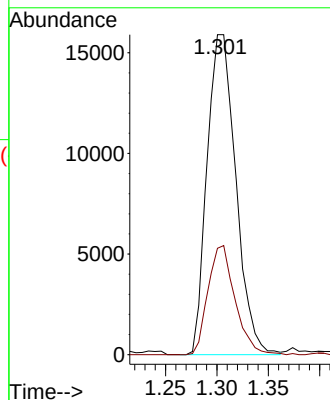
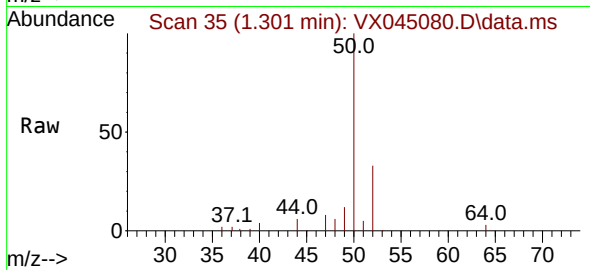
#3
Chloromethane
Concen: 18.608 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 50 Resp: 3105
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4

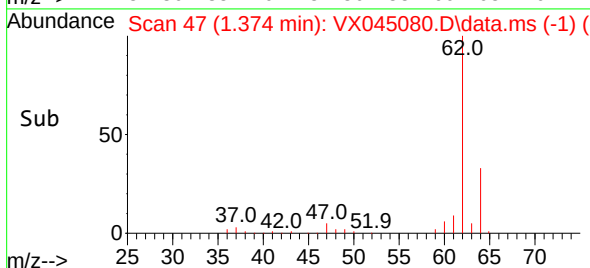
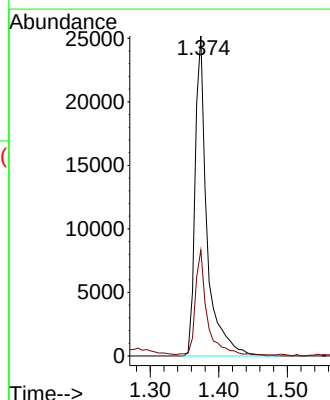
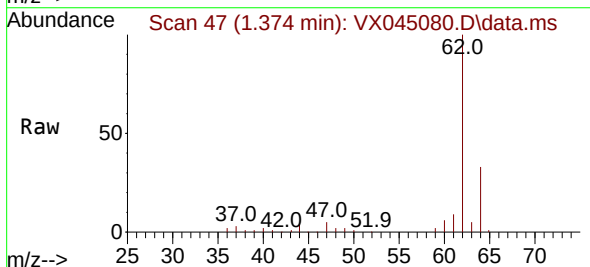
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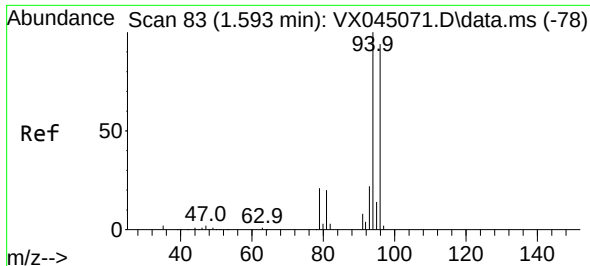
Reviewed By :John Carlone 02/28/2025
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#4
Vinyl Chloride
Concen: 18.363 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

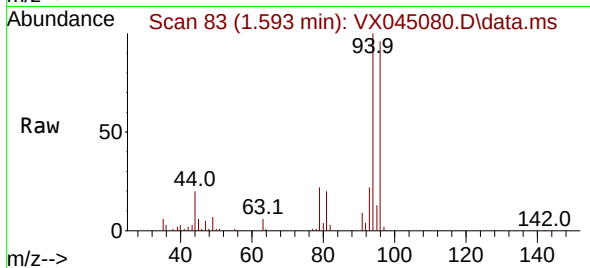
Tgt Ion: 62 Resp: 30398
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5





#5
Bromomethane
Concen: 17.665 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
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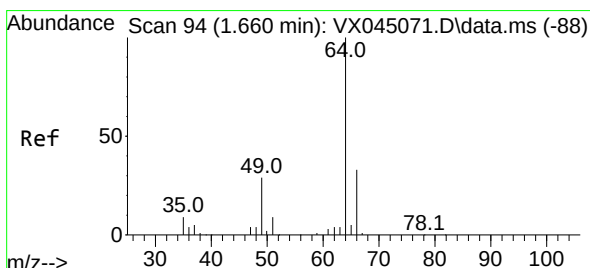
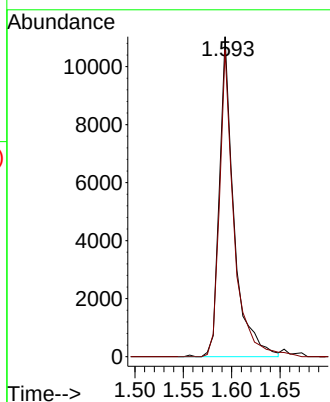
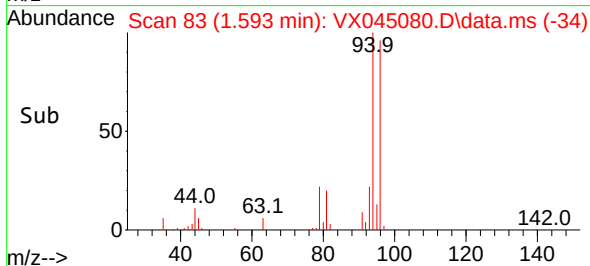
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 11490
Ion Ratio Lower Upper
94 100
96 95.9 75.0 112.4

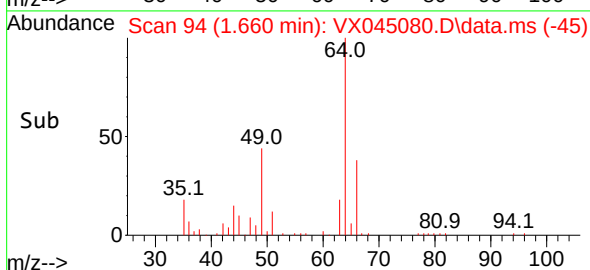
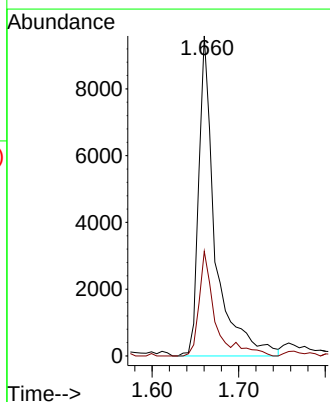
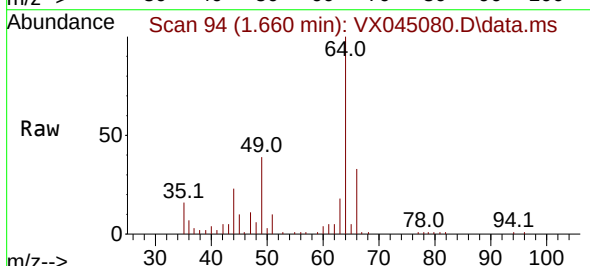
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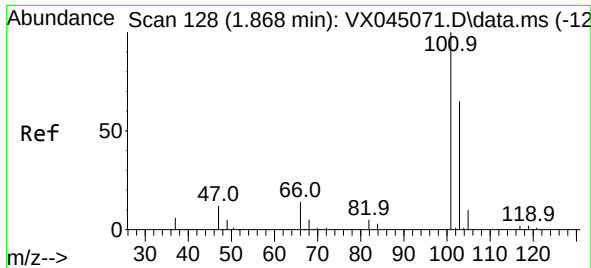
Reviewed By :John Carlone 02/28/2025
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#6
Chloroethane
Concen: 16.582 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045080.D
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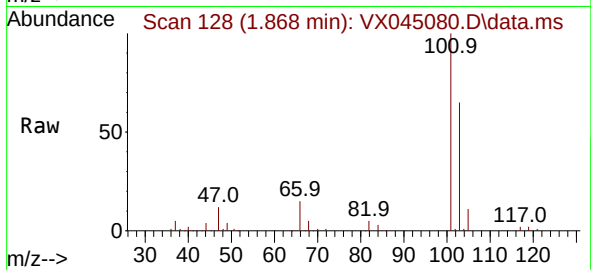
Tgt Ion: 64 Resp: 12662
Ion Ratio Lower Upper
64 100
66 32.7 26.7 40.1





#7
Trichlorofluoromethane
Concen: 18.638 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.000 min
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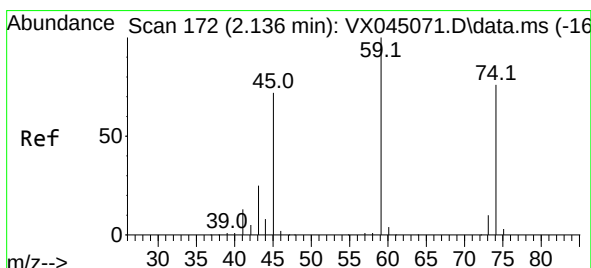
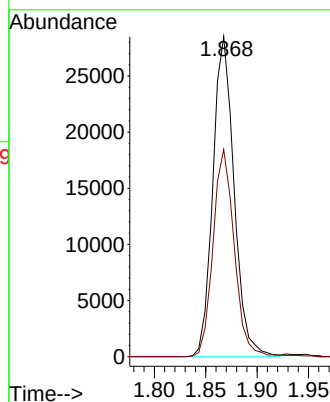
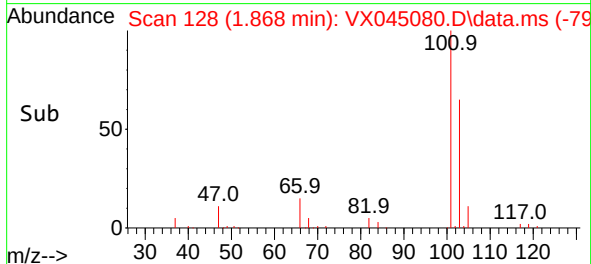
Instrument :
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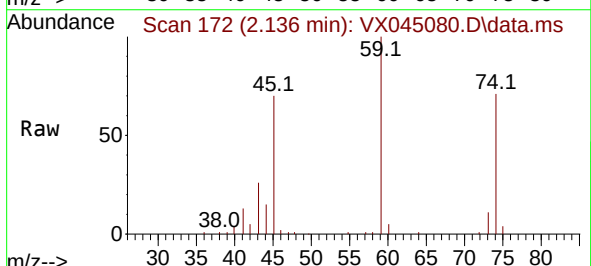
Tgt Ion:101 Resp: 4084
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1

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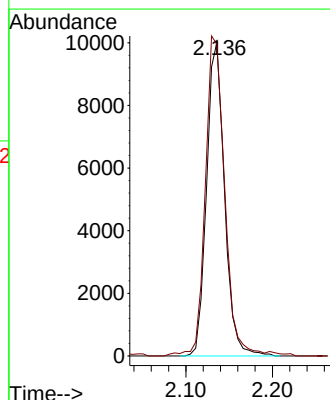
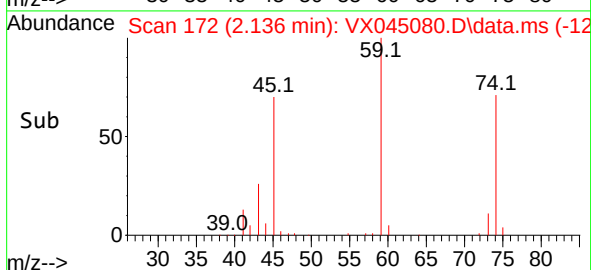
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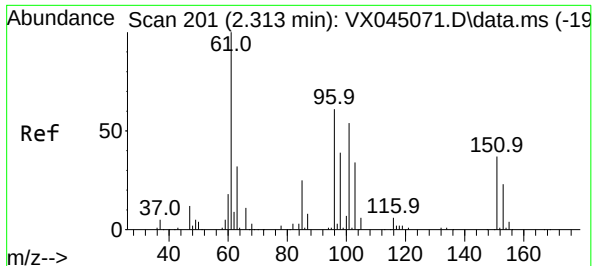


#8
Diethyl Ether
Concen: 16.771 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 14376
Ion Ratio Lower Upper
74 100
45 111.0 51.5 154.5





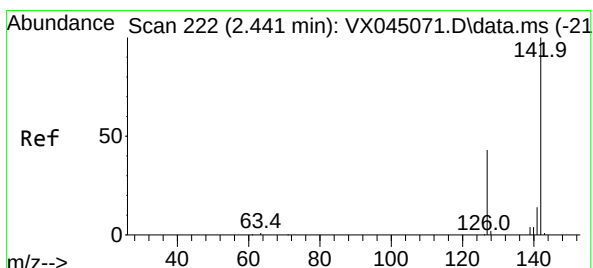
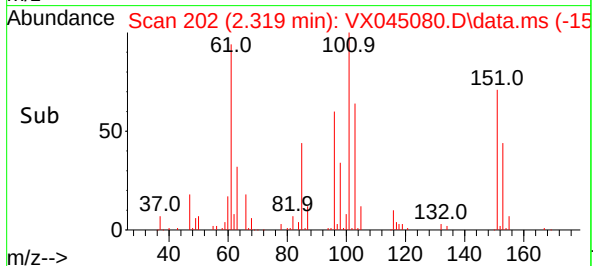
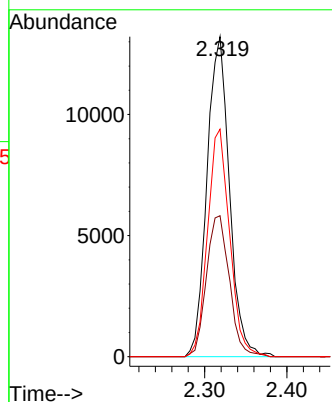
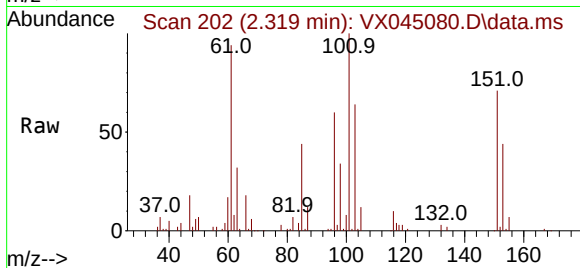
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.899 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045080.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:101 Resp: 25054
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.4
151 69.8 56.4 84.6

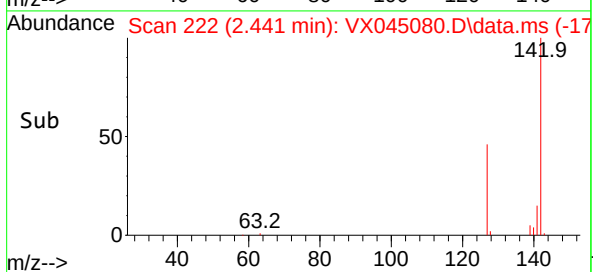
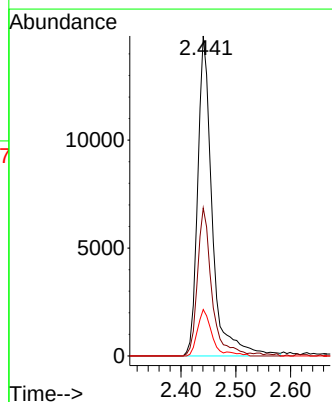
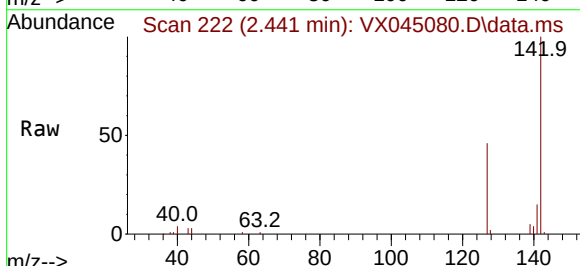
Manual Integrations
APPROVED

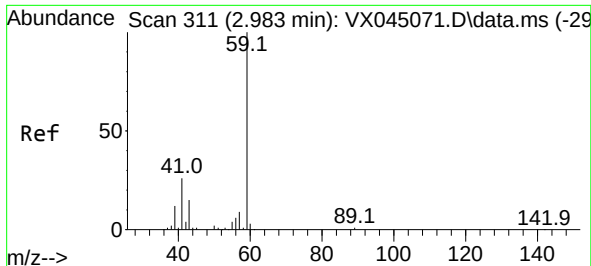
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#10
Methyl Iodide
Concen: 17.472 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

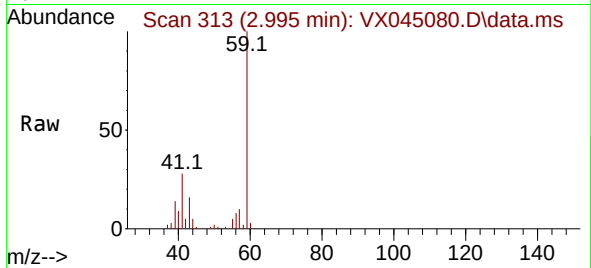
Tgt Ion:142 Resp: 27491
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.2
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 80.184 ug/l
RT: 2.995 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

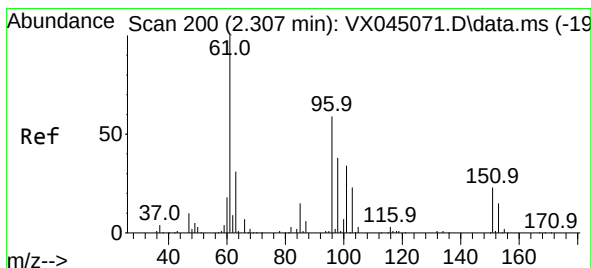
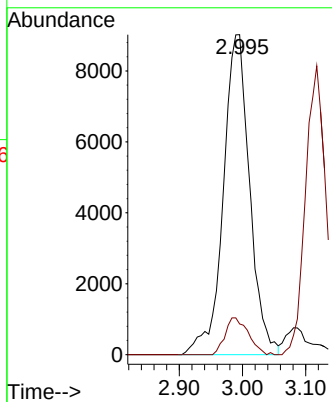
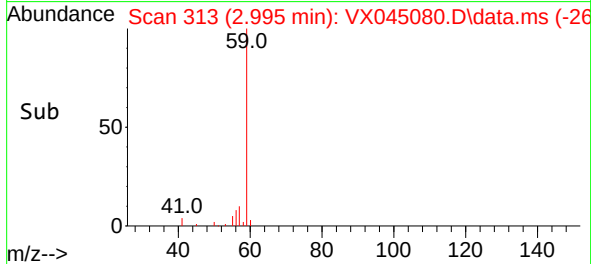
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 59 Resp: 2617
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

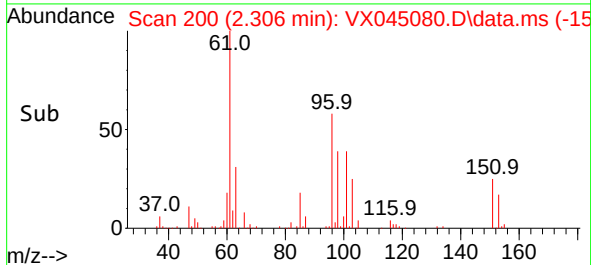
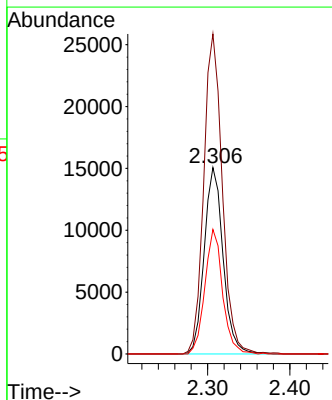
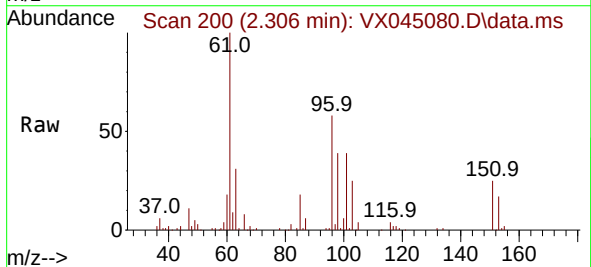
Manual Integrations
APPROVED

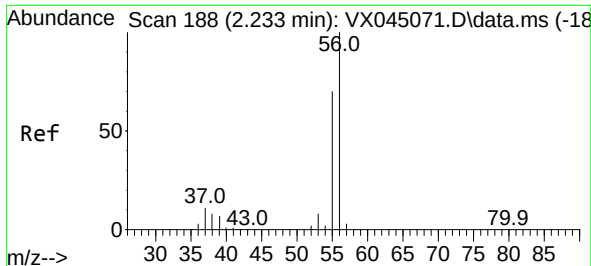
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#12
1,1-Dichloroethene
Concen: 18.103 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion: 96 Resp: 24097
Ion Ratio Lower Upper
96 100
61 171.7 134.6 202.0
98 66.8 51.0 76.6





#13

Acrolein

Concen: 113.023 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 56 Resp: 4264

Ion Ratio Lower Upper

56 100

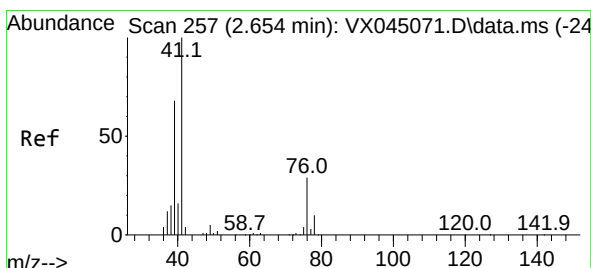
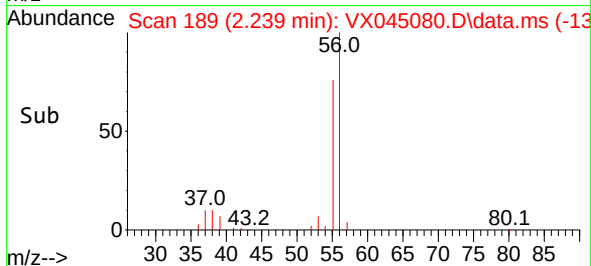
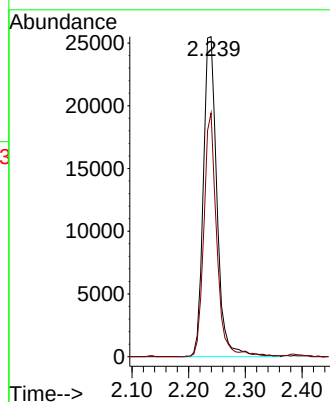
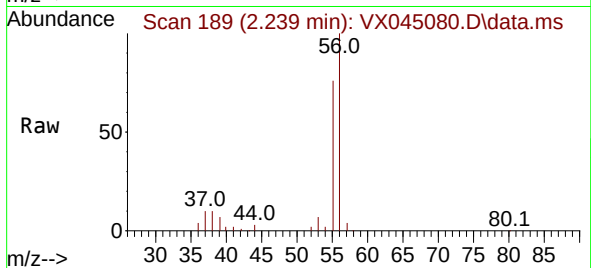
55 72.2 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#14

Allyl chloride

Concen: 18.670 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

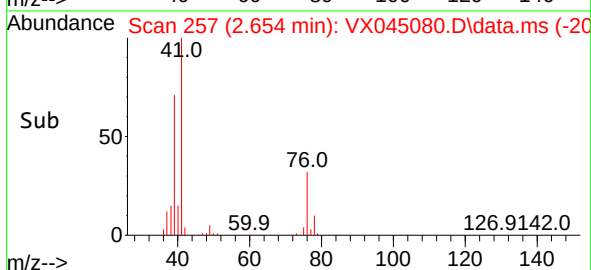
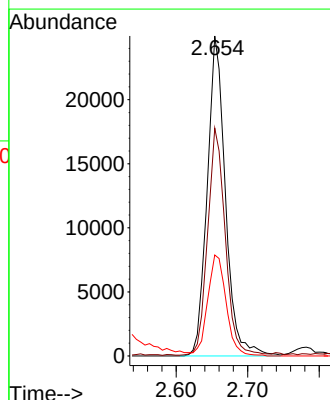
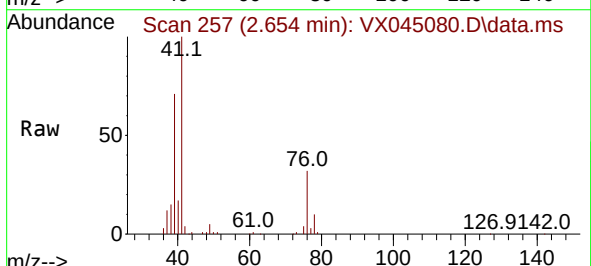
Tgt Ion: 41 Resp: 44238

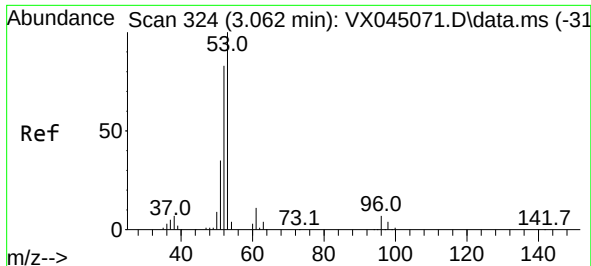
Ion Ratio Lower Upper

41 100

39 68.6 53.8 80.8

76 32.0 25.2 37.8





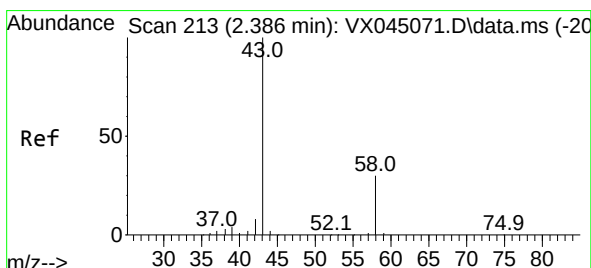
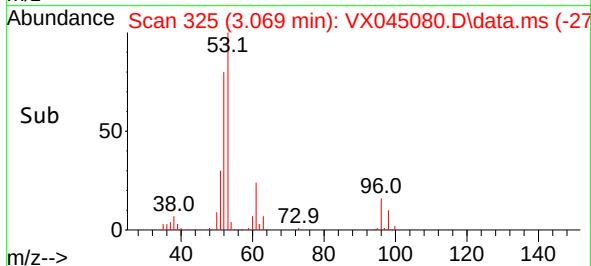
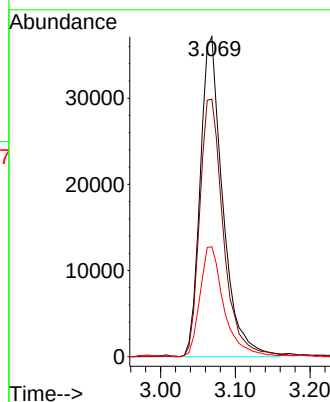
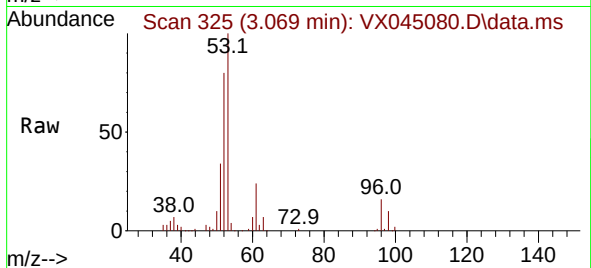
#15
Acrylonitrile
Concen: 89.193 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 53 Resp: 7802
Ion Ratio Lower Upper
53 100
52 84.5 66.2 99.2
51 36.7 29.0 43.4

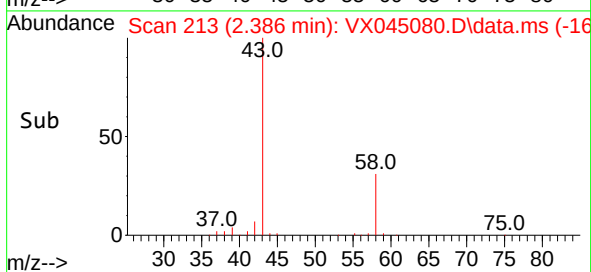
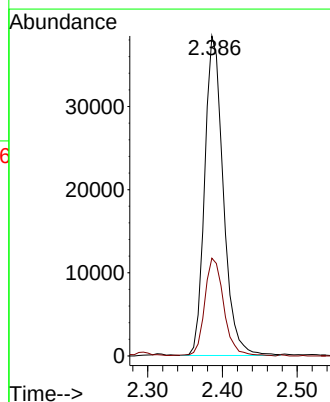
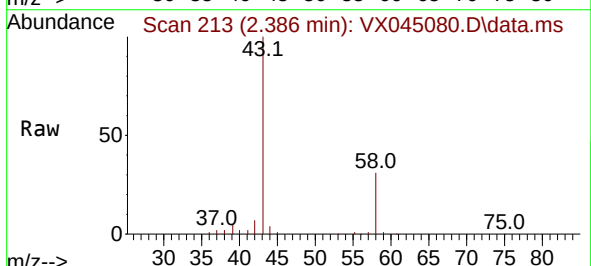
Manual Integrations
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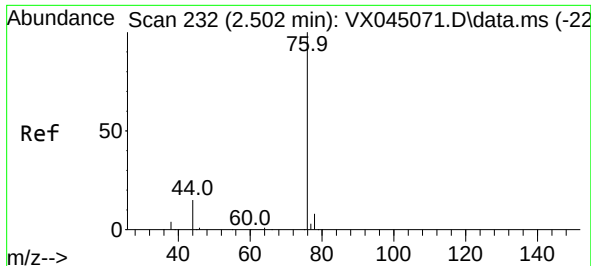
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#16
Acetone
Concen: 83.269 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion: 43 Resp: 66572
Ion Ratio Lower Upper
43 100
58 30.4 24.2 36.4





#17

Carbon Disulfide

Concen: 17.691 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 76 Resp: 6272

Ion Ratio Lower Upper

76 100

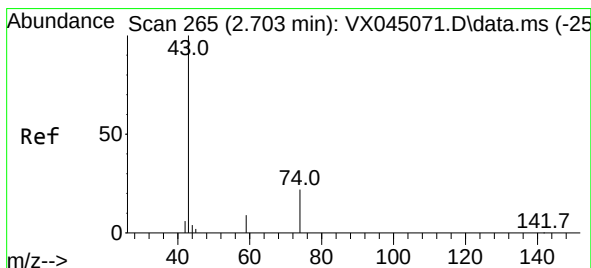
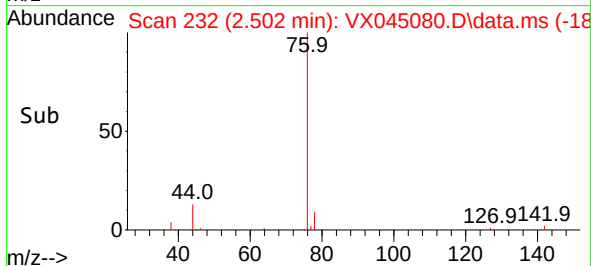
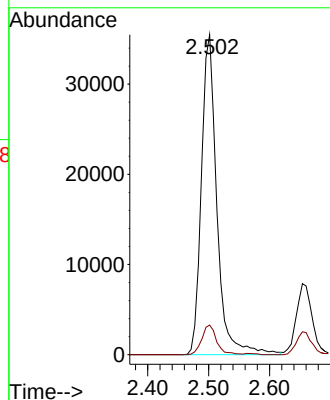
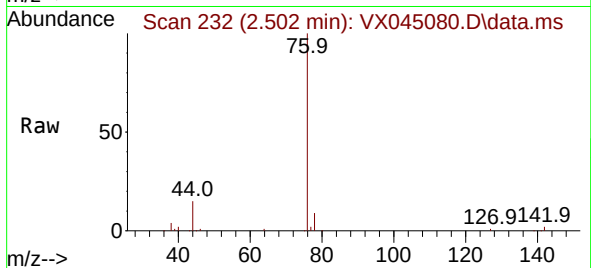
78 9.3 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#18

Methyl Acetate

Concen: 17.501 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045080.D

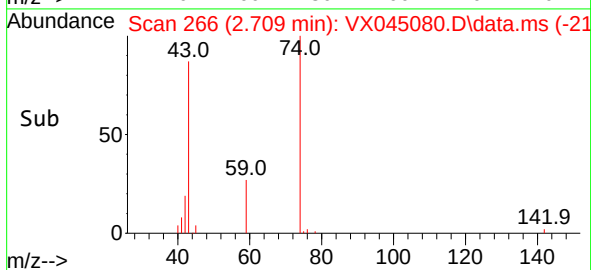
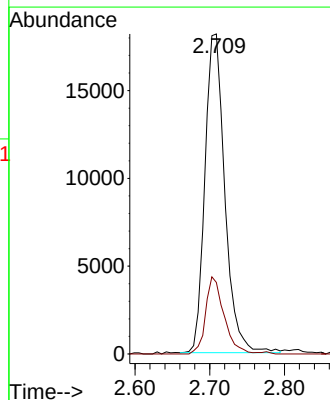
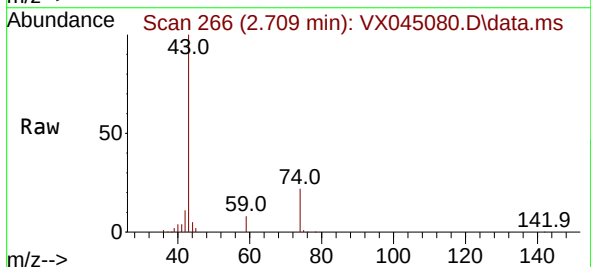
Acq: 28 Feb 2025 11:46

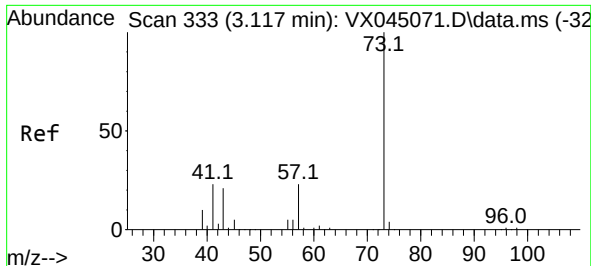
Tgt Ion: 43 Resp: 33660

Ion Ratio Lower Upper

43 100

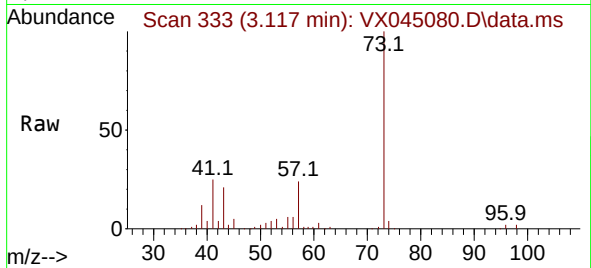
74 22.2 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 17.859 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

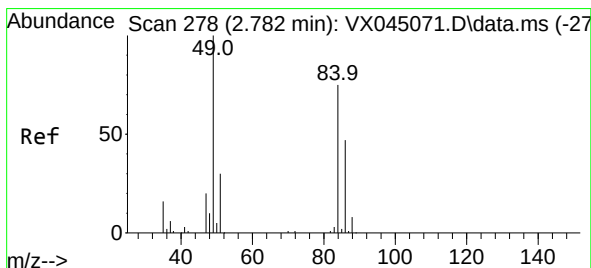
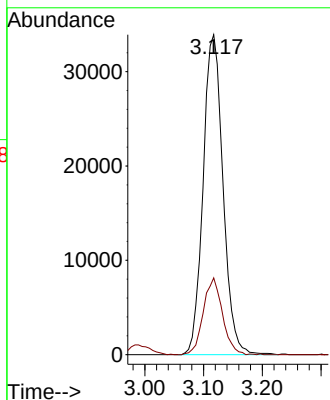
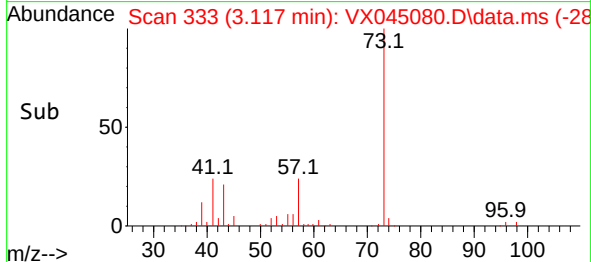
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 73 Resp: 79750
Ion Ratio Lower Upper
73 100
57 24.0 18.5 27.7

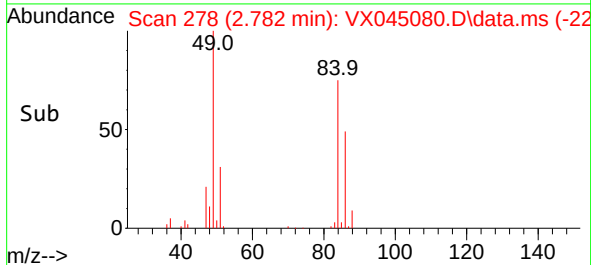
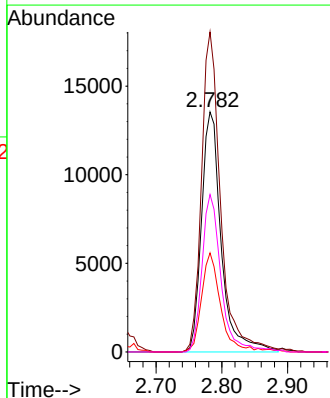
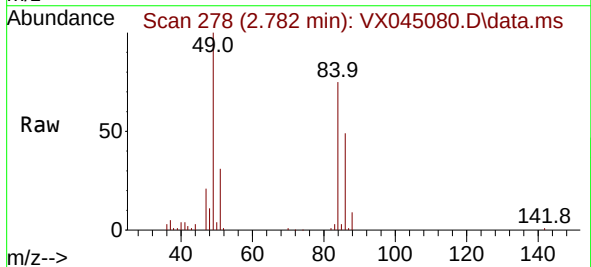
Manual Integrations
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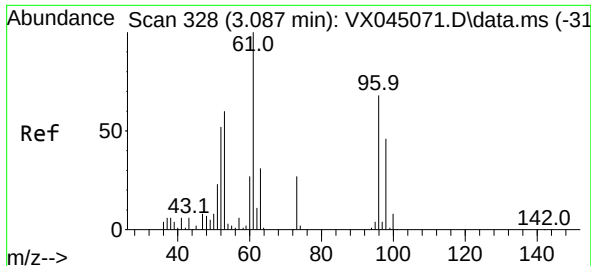
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#20
Methylene Chloride
Concen: 17.853 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion: 84 Resp: 28274
Ion Ratio Lower Upper
84 100
49 133.4 106.5 159.7
51 41.3 32.1 48.1
86 65.6 50.0 75.0





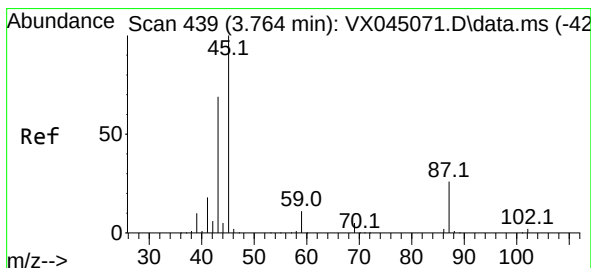
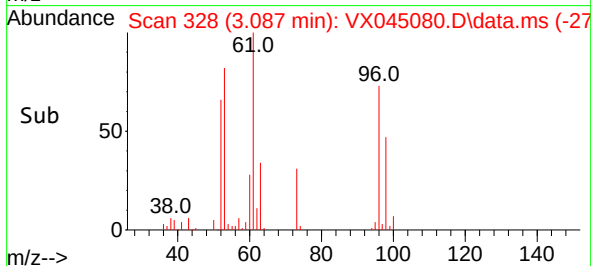
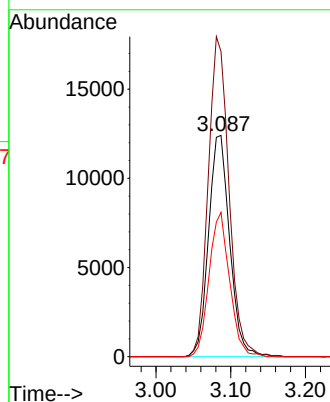
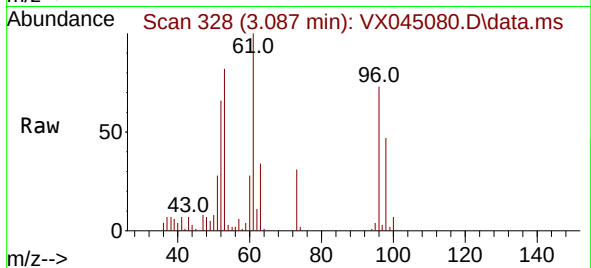
#21
trans-1,2-Dichloroethene
Concen: 18.556 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 96 Resp: 2440
Ion Ratio Lower Upper
96 100
61 137.9 117.0 175.4
98 65.2 53.4 80.2

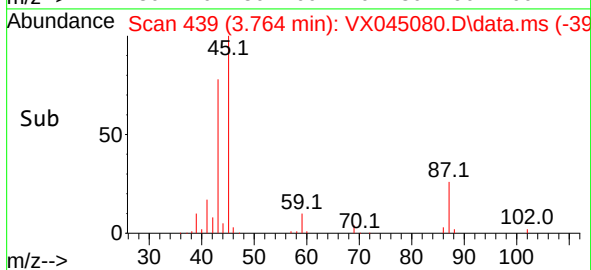
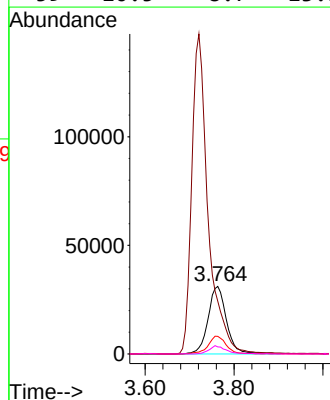
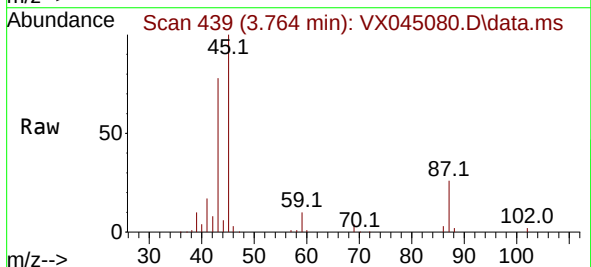
Manual Integrations
APPROVED

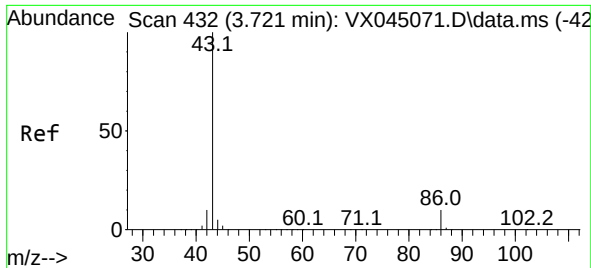
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#22
Diisopropyl ether
Concen: 18.596 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

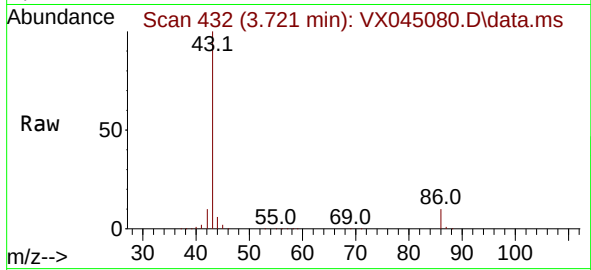
Tgt Ion: 45 Resp: 89611
Ion Ratio Lower Upper
45 100
43 76.4 54.9 82.3
87 26.0 21.0 31.4
59 10.5 8.7 13.1





#23
 Vinyl Acetate
 Concen: 93.881 ug/l
 RT: 3.721 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: VX045080.D
 Acq: 28 Feb 2025 11:46

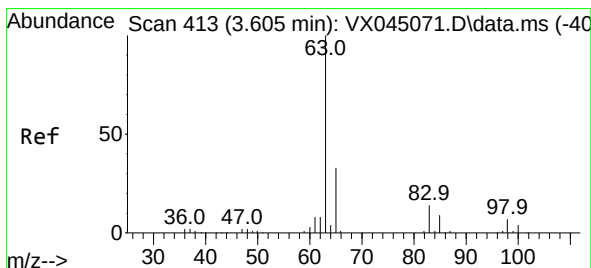
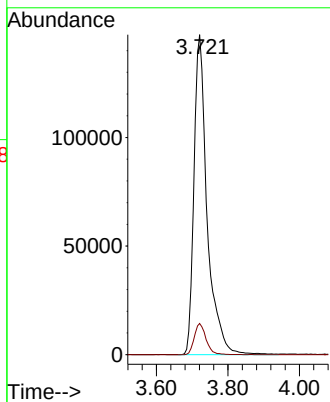
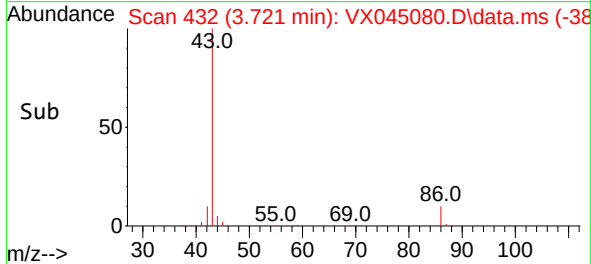
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01



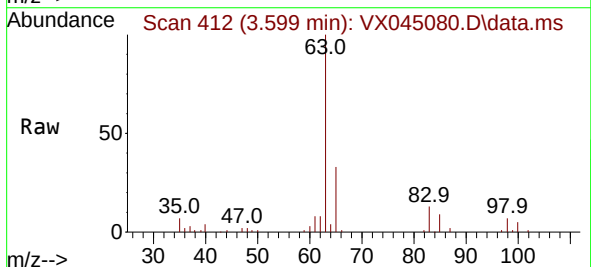
Tgt Ion: 43 Resp: 377530
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

Manual Integrations
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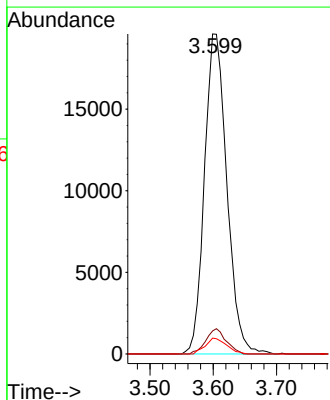
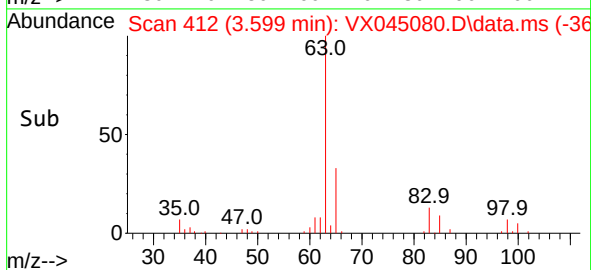
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 03/03/2025

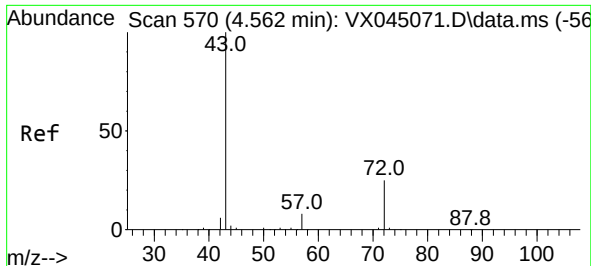


#24
 1,1-Dichloroethane
 Concen: 17.874 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045080.D
 Acq: 28 Feb 2025 11:46



Tgt Ion: 63 Resp: 48272
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.9 2.1 6.5





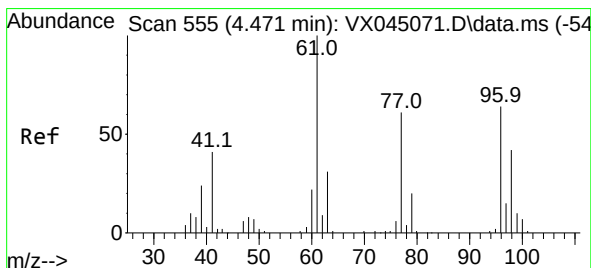
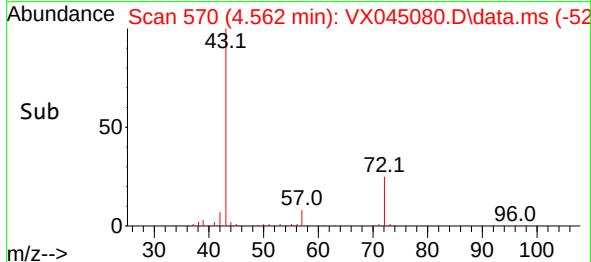
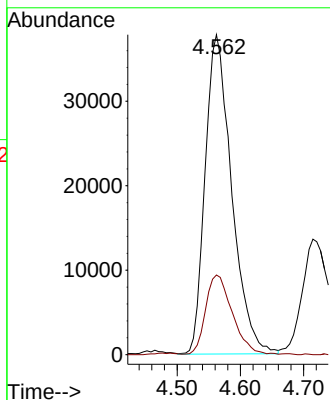
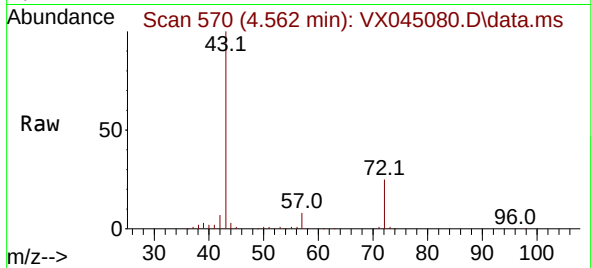
#25
2-Butanone
Concen: 91.613 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 43 Resp: 110248
Ion Ratio Lower Upper
43 100
72 24.8 20.0 30.0

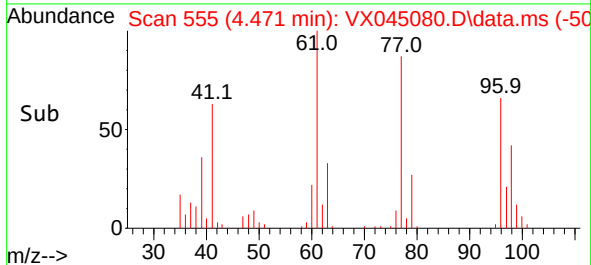
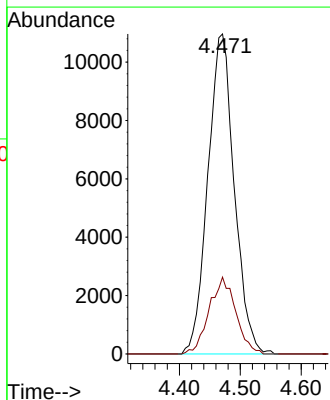
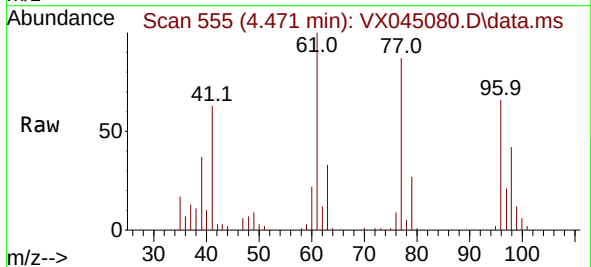
Manual Integrations
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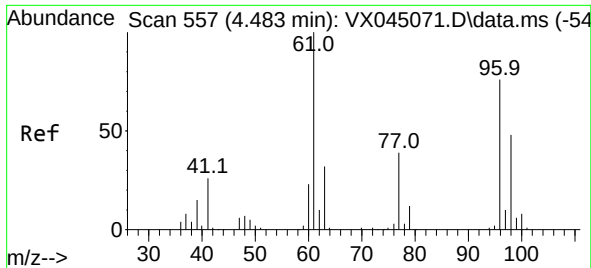
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#26
2,2-Dichloropropane
Concen: 26.092 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion: 77 Resp: 33053
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 18.196 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 96 Resp: 29539

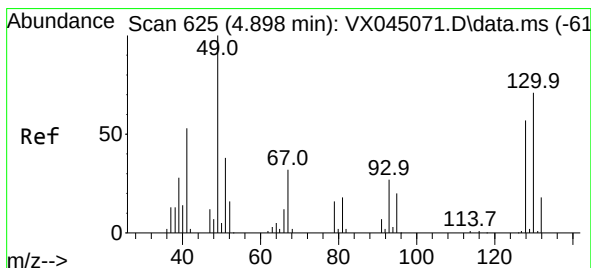
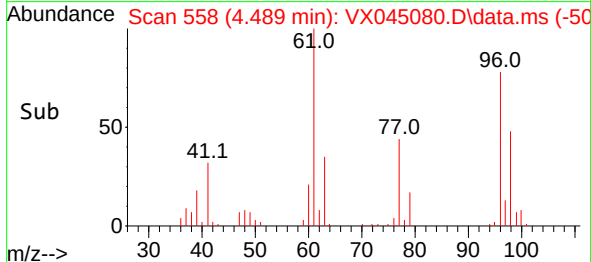
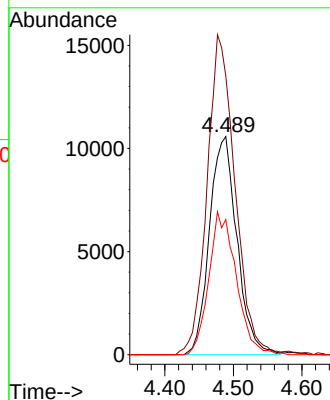
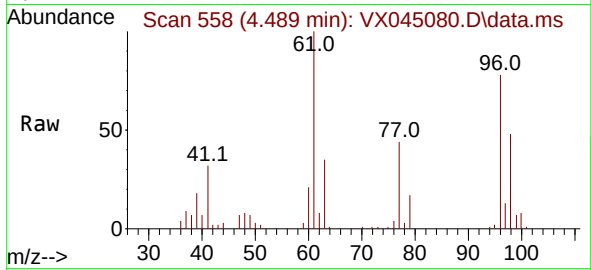
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	283.2
98	65.1	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#28

Bromochloromethane

Concen: 17.404 ug/l

RT: 4.891 min Scan# 624

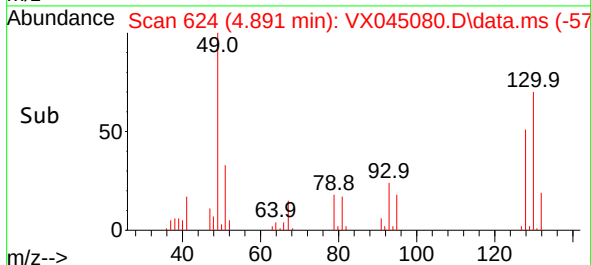
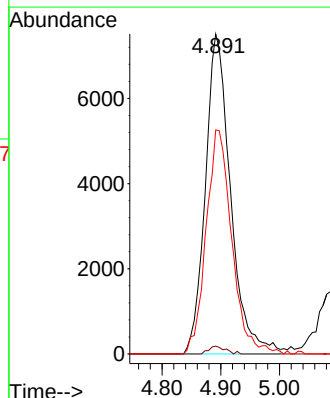
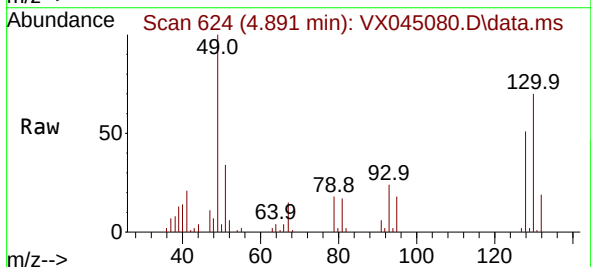
Delta R.T. -0.006 min

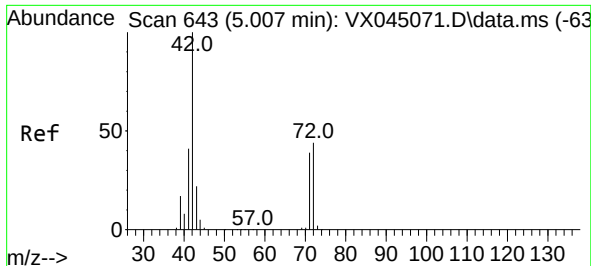
Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Tgt Ion: 49 Resp: 22404

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	71.5	56.1	84.1





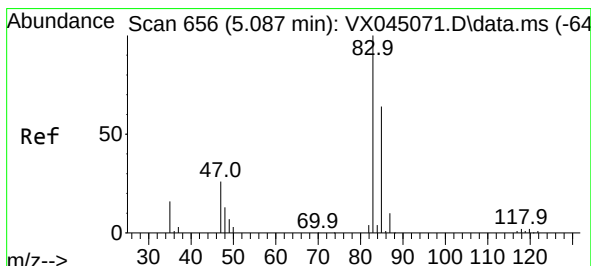
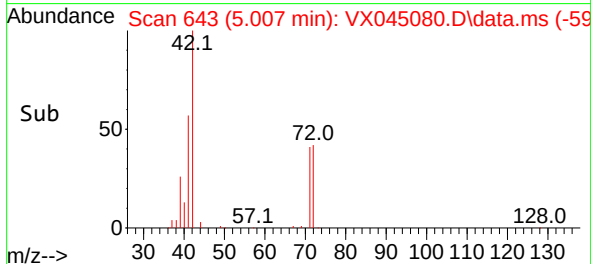
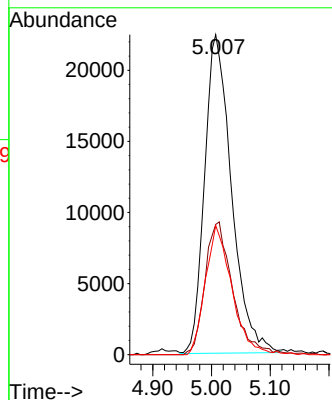
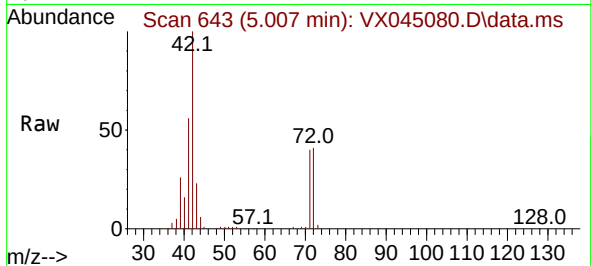
#29
Tetrahydrofuran
Concen: 88.264 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 42 Resp: 7133
Ion Ratio Lower Upper
42 100
72 43.1 34.1 51.1
71 39.9 31.4 47.0

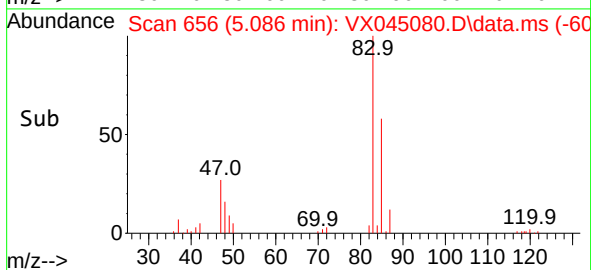
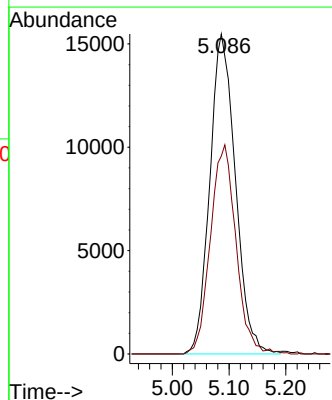
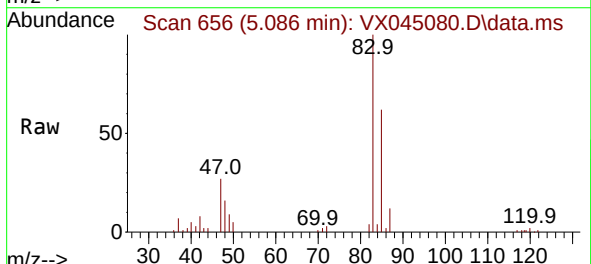
Manual Integrations
APPROVED

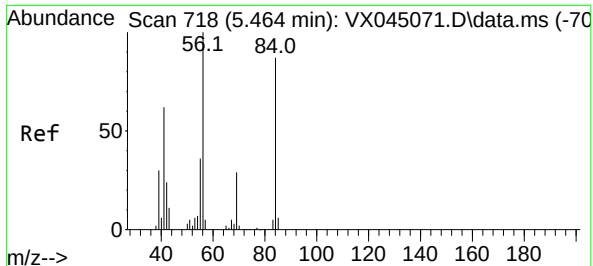
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#30
Chloroform
Concen: 18.082 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

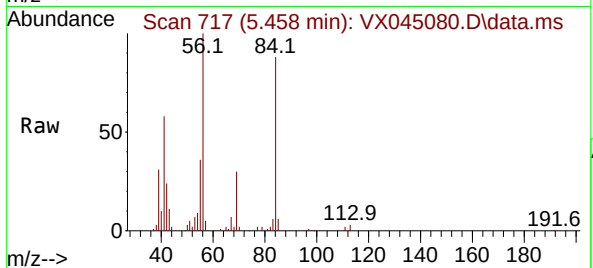
Tgt Ion: 83 Resp: 48521
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.2





#31
Cyclohexane
Concen: 19.324 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

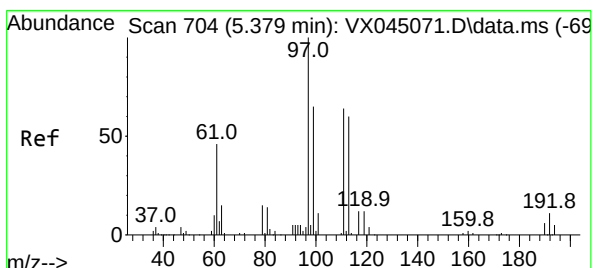
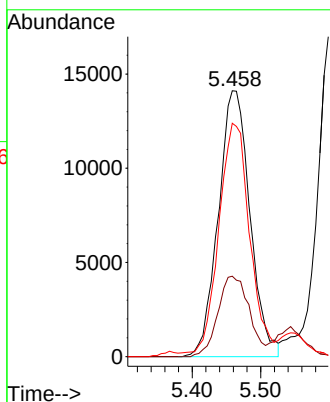
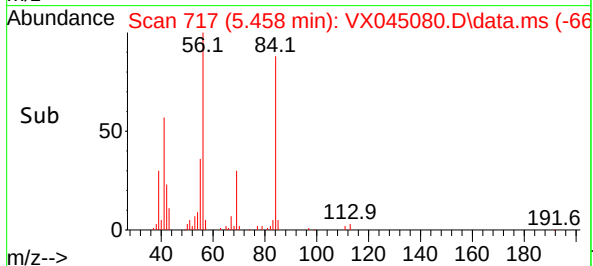
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 56 Resp: 4530
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 86.4 69.4 104.2

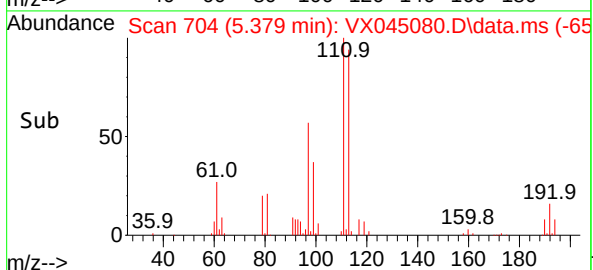
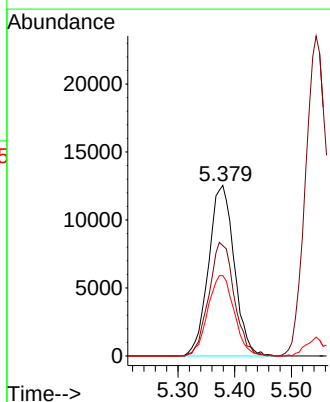
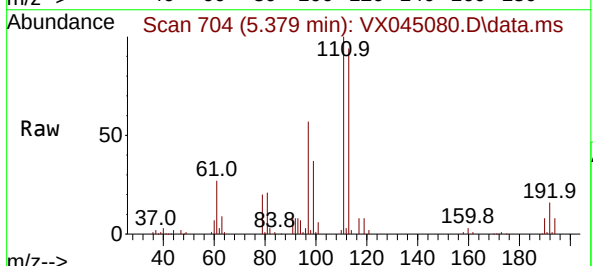
Manual Integrations
APPROVED

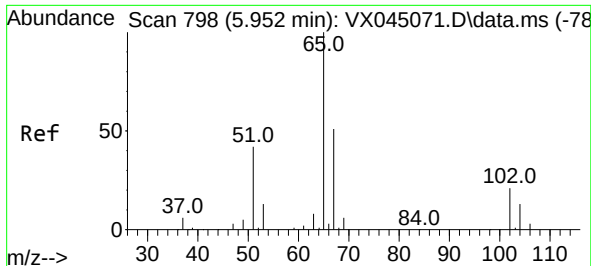
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#32
1,1,1-Trichloroethane
Concen: 18.150 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion: 97 Resp: 39336
Ion Ratio Lower Upper
97 100
99 65.9 51.6 77.4
61 48.4 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 46.938 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 65 Resp: 8088

Ion Ratio Lower Upper

65 100

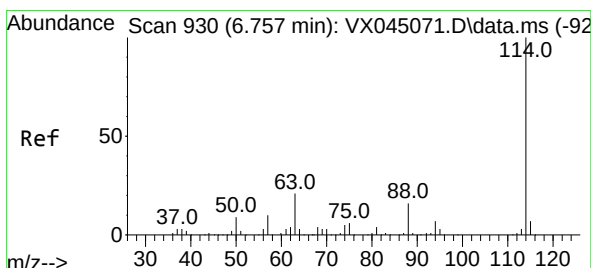
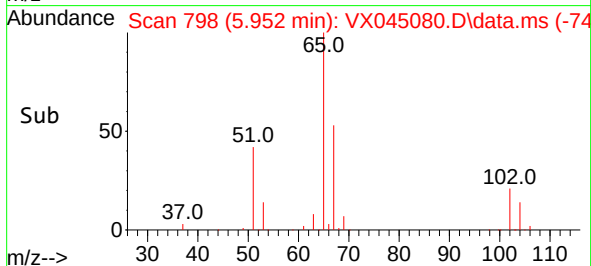
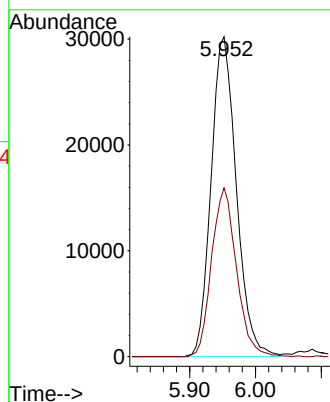
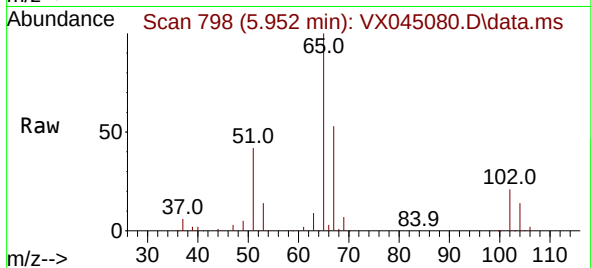
67 51.8 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

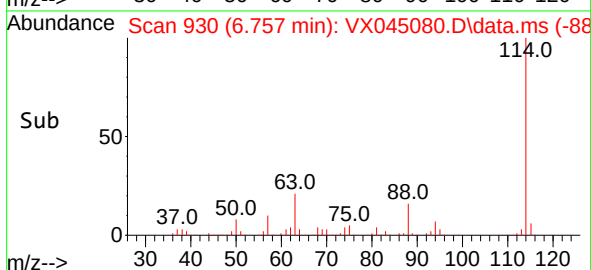
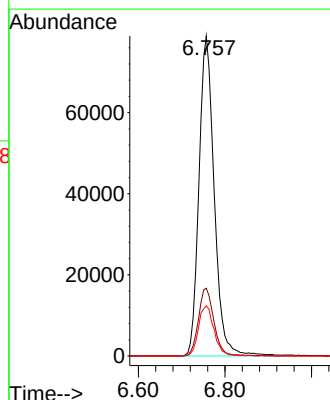
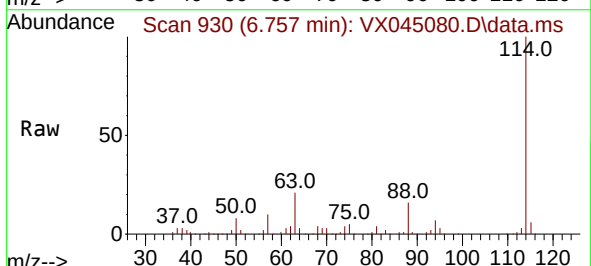
Tgt Ion:114 Resp: 192724

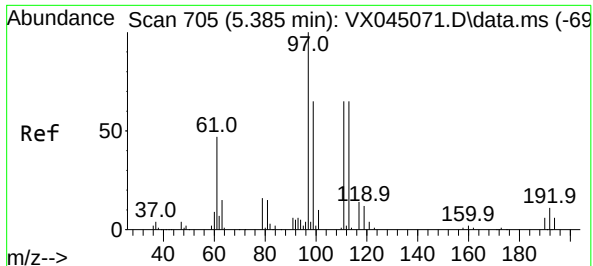
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.8

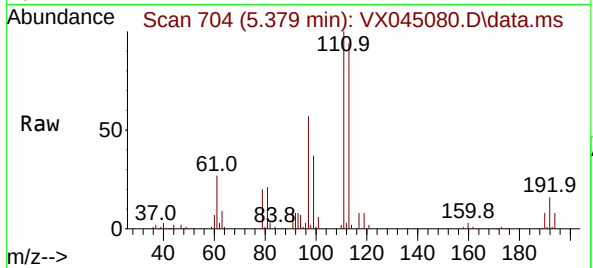
88 15.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.207 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

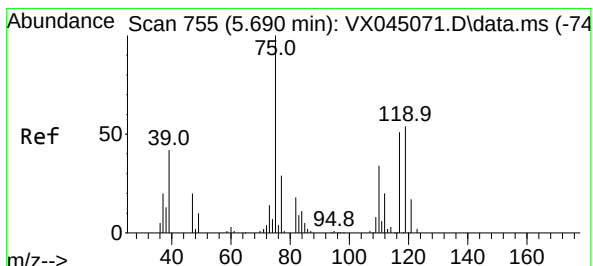
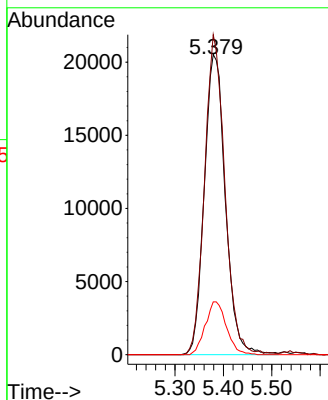
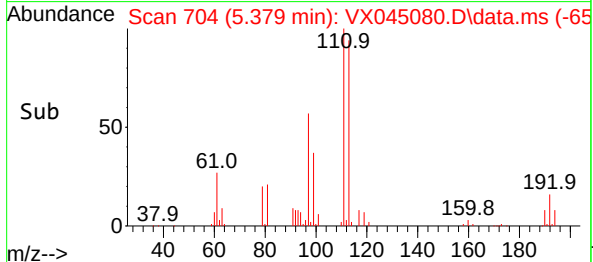
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion:113 Resp: 62124
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.6 14.3 21.5

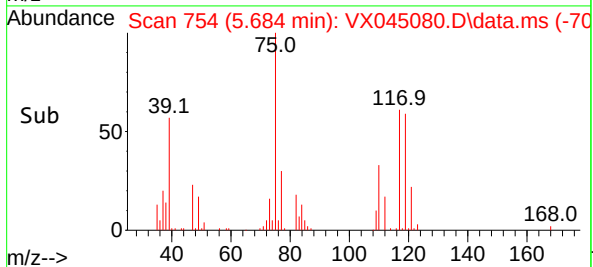
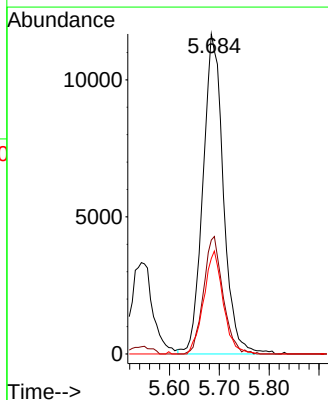
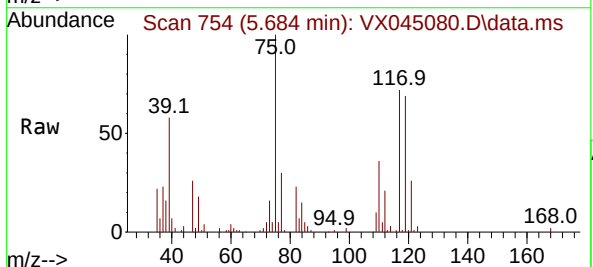
Manual Integrations
APPROVED

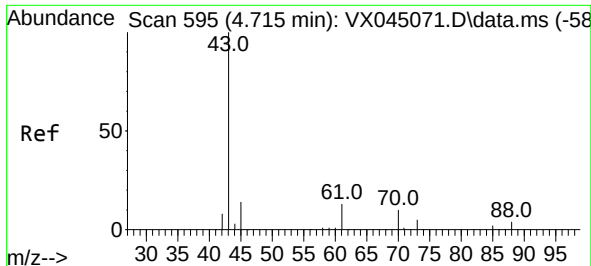
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#36
1,1-Dichloropropene
Concen: 18.803 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

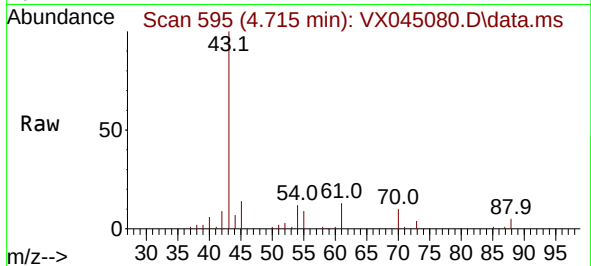
Tgt Ion: 75 Resp: 33230
Ion Ratio Lower Upper
75 100
110 34.9 16.9 50.6
77 30.6 24.5 36.7





#37
Ethyl Acetate
Concen: 17.811 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

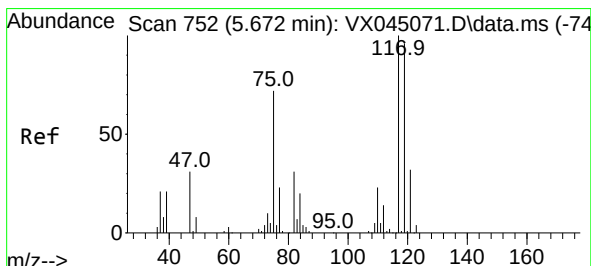
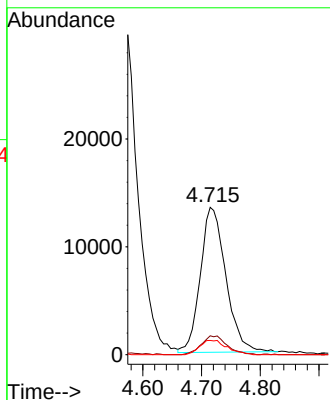
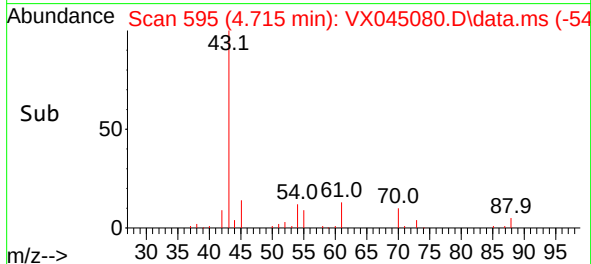
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 43 Resp: 40562
Ion Ratio Lower Upper
43 100
61 13.1 10.8 16.2
70 10.6 7.7 11.5

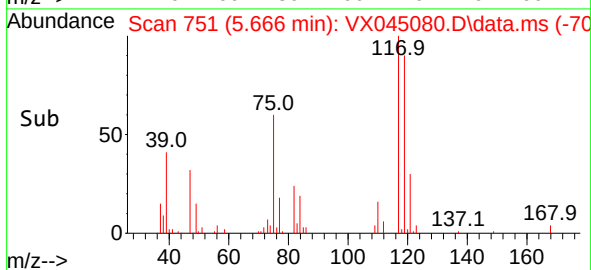
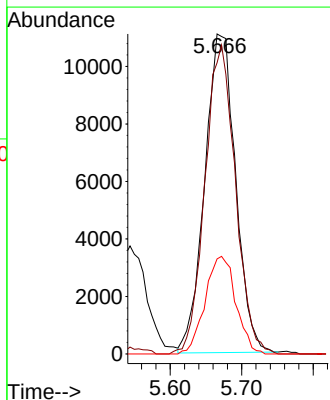
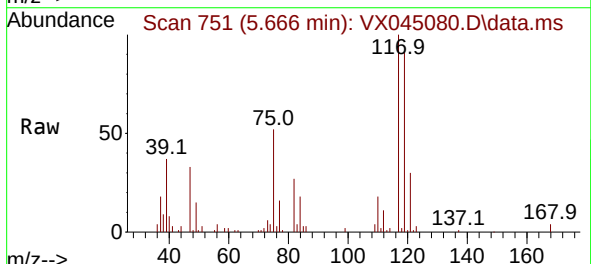
Manual Integrations
APPROVED

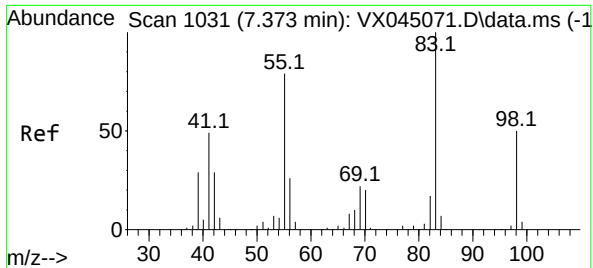
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#38
Carbon Tetrachloride
Concen: 18.548 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion:117 Resp: 33280
Ion Ratio Lower Upper
117 100
119 91.5 76.7 115.1
121 29.9 25.5 38.3





#39

Methylcyclohexane

Concen: 20.816 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 83 Resp: 4408

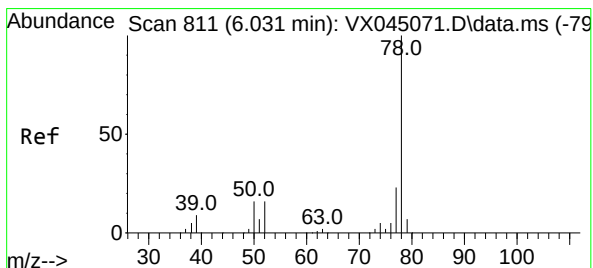
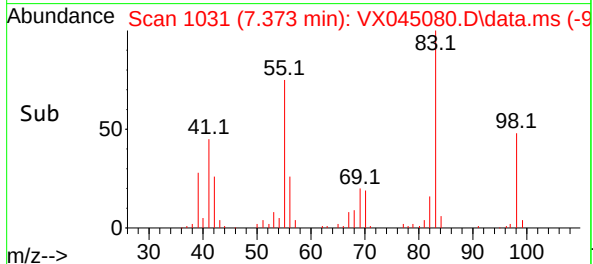
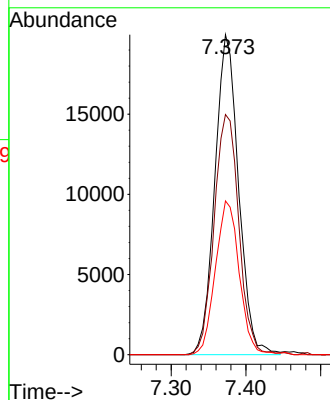
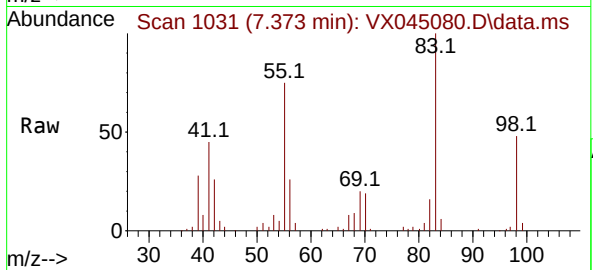
Ion	Ratio	Lower	Upper
83	100		
55	75.1	63.0	94.4
98	48.1	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#40

Benzene

Concen: 19.035 ug/l

RT: 6.031 min Scan# 811

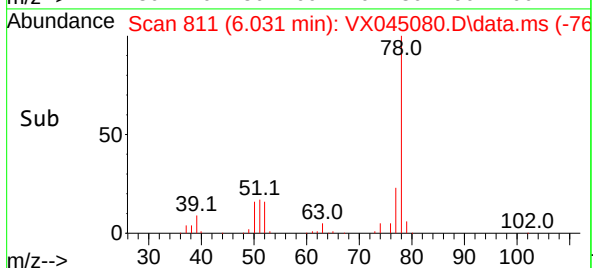
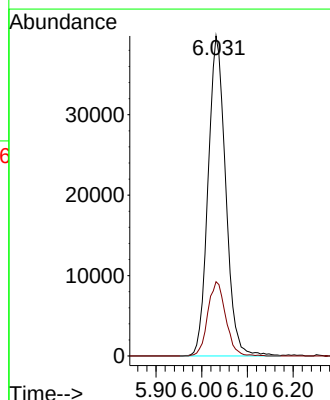
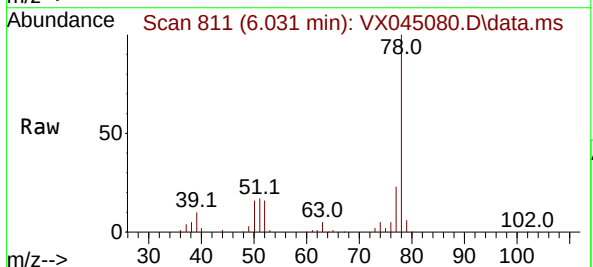
Delta R.T. -0.000 min

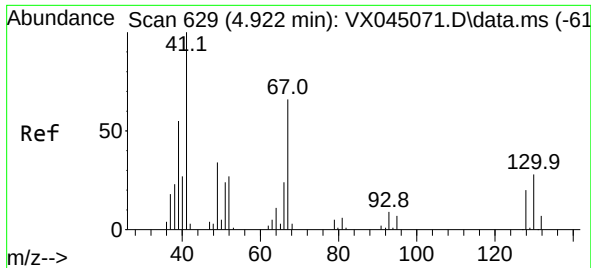
Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Tgt Ion: 78 Resp: 106228

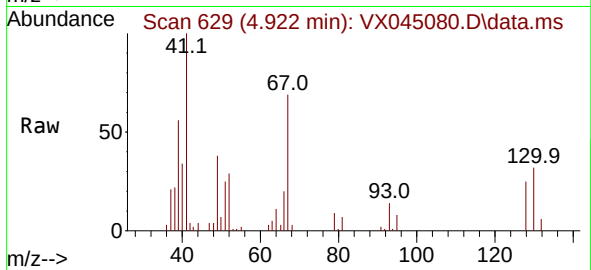
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2





#41
Methacrylonitrile
Concen: 18.159 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

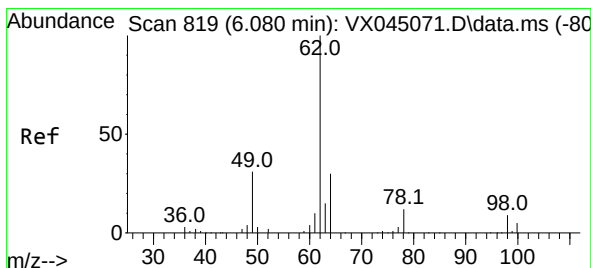
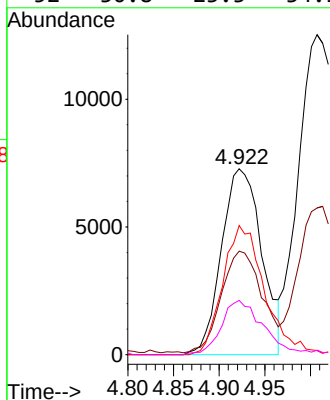
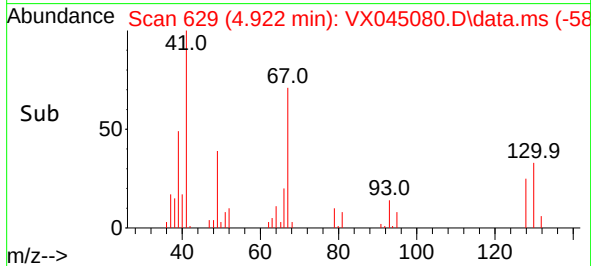
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 41 Resp: 22360
Ion Ratio Lower Upper
41 100
39 55.2 44.6 67.0
67 71.9 53.9 80.9
52 30.8 23.3 34.9

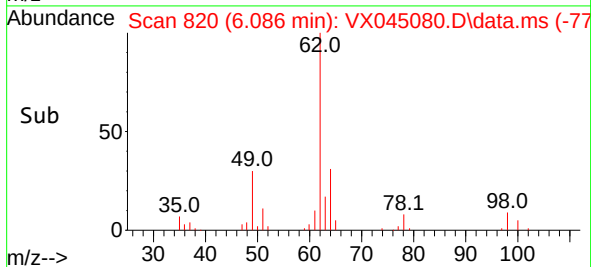
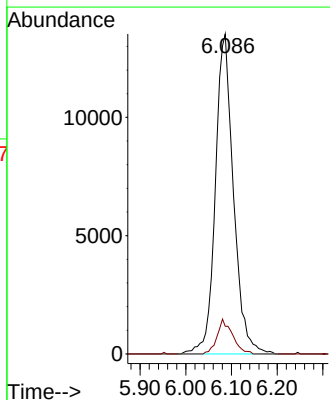
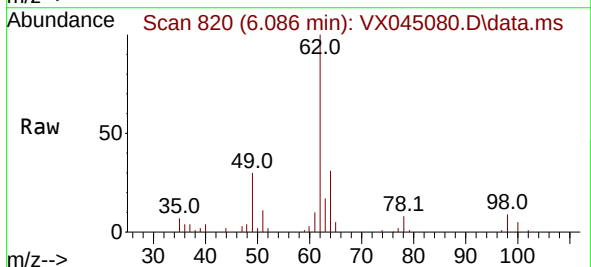
Manual Integrations
APPROVED

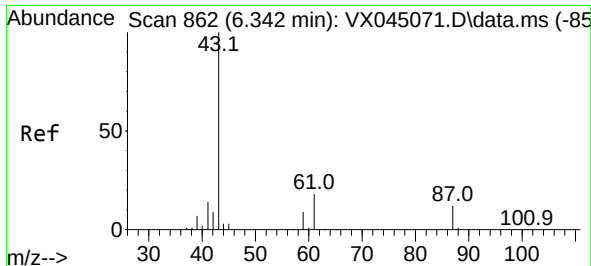
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#42
1,2-Dichloroethane
Concen: 18.559 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion: 62 Resp: 37297
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2





#43

Isopropyl Acetate

Concen: 19.076 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX045080.D

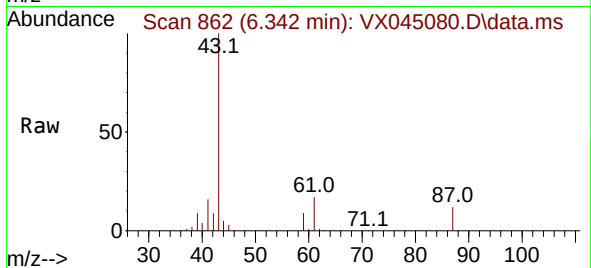
Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01



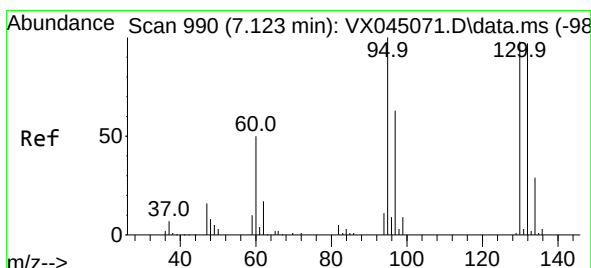
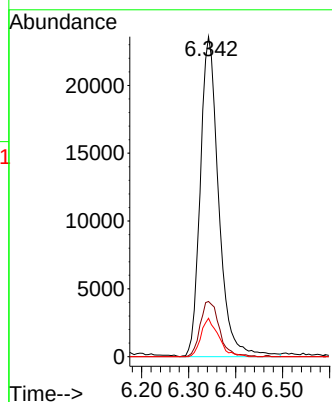
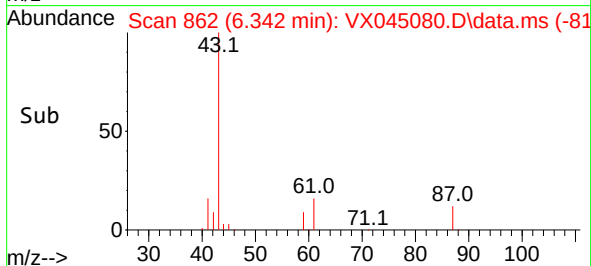
Tgt Ion:	43	Resp:	64239
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.9	22.3
87	11.4	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#44

Trichloroethene

Concen: 18.612 ug/l

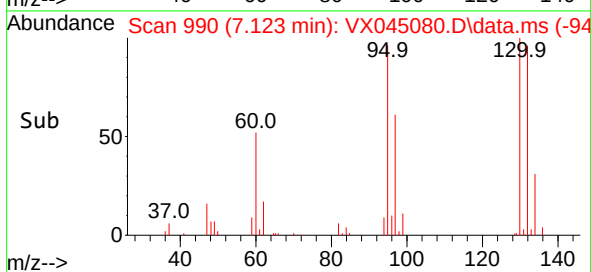
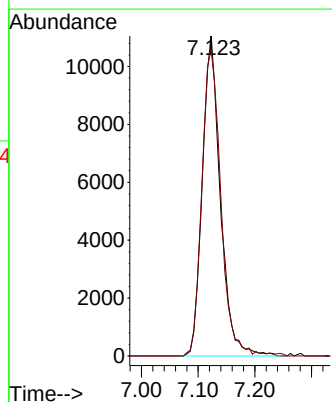
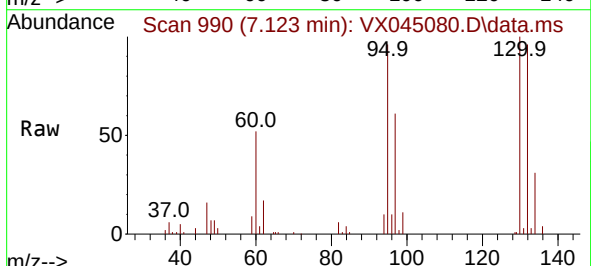
RT: 7.123 min Scan# 990

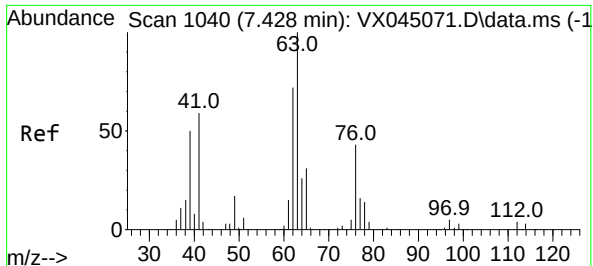
Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Tgt Ion:	130	Resp:	24390
Ion Ratio	Lower	Upper	
130	100		
95	95.6	0.0	205.0





#45

1,2-Dichloropropane

Concen: 18.614 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 63 Resp: 26709

Ion Ratio Lower Upper

63 100

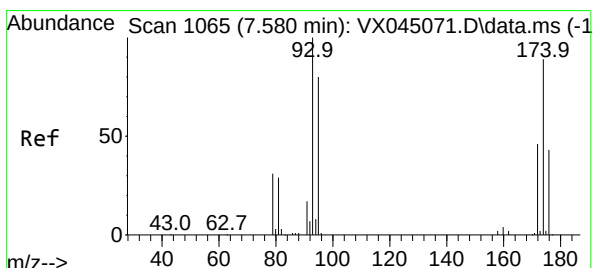
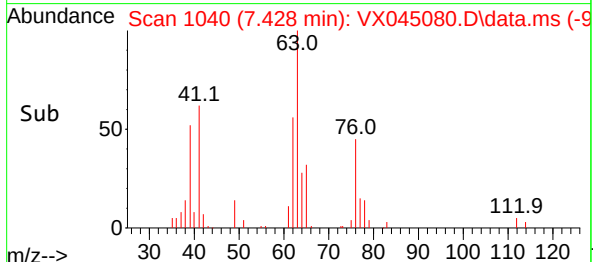
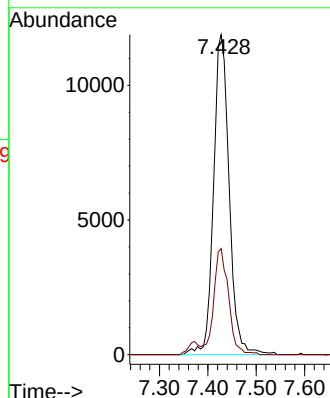
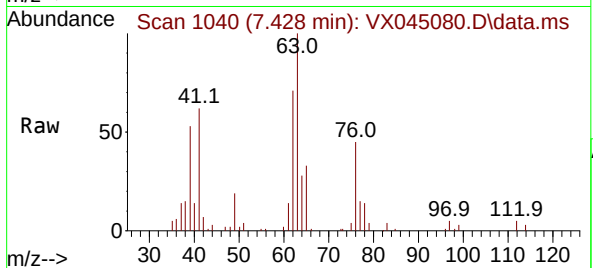
65 33.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#46

Dibromomethane

Concen: 18.949 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

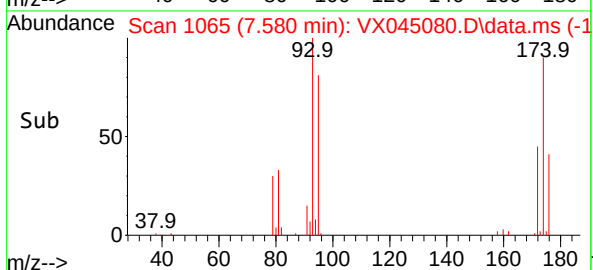
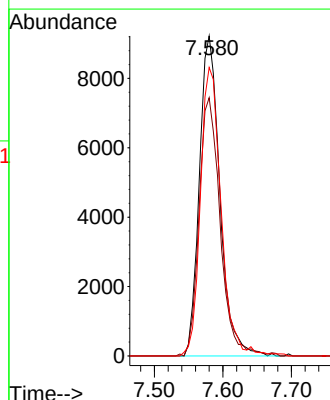
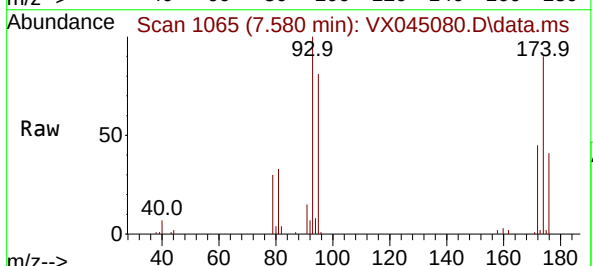
Tgt Ion: 93 Resp: 19218

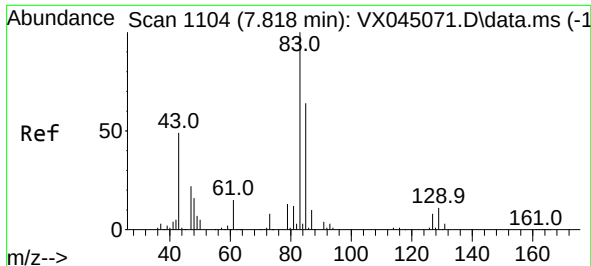
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

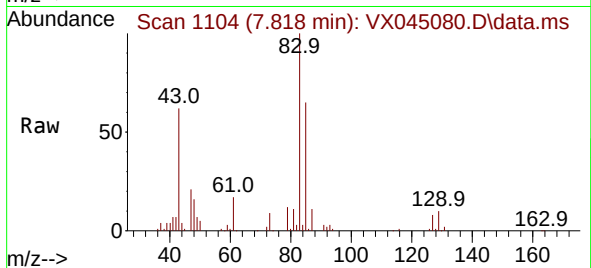
174 91.1 72.2 108.2





#47
Bromodichloromethane
Concen: 18.624 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

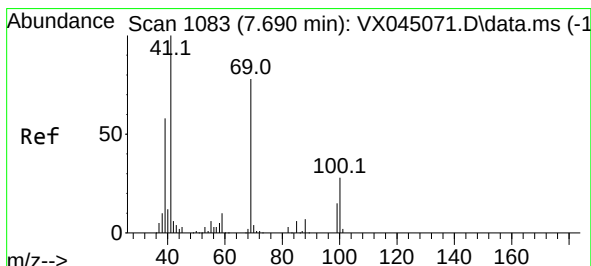
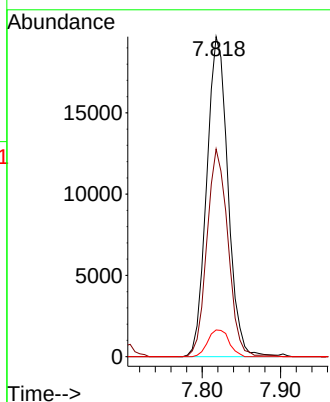
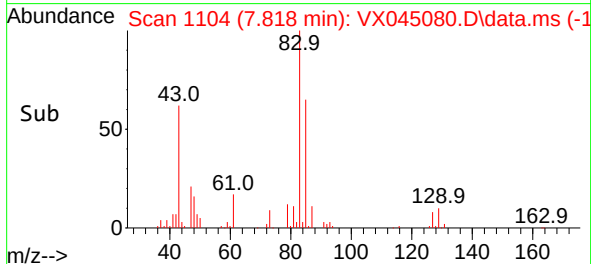
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 83 Resp: 37048
Ion Ratio Lower Upper
83 100
85 64.9 51.1 76.7
127 8.4 6.4 9.6

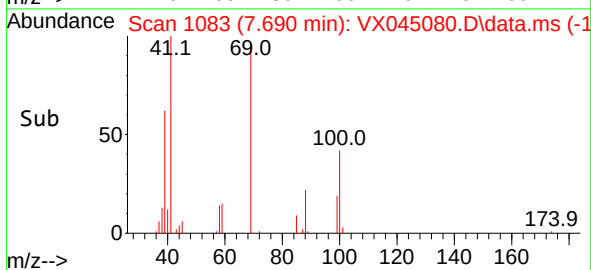
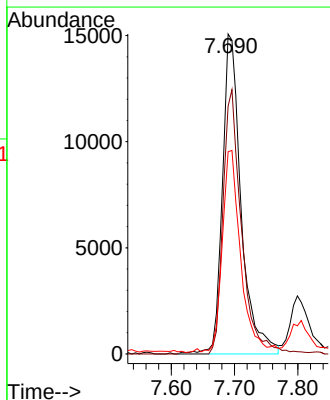
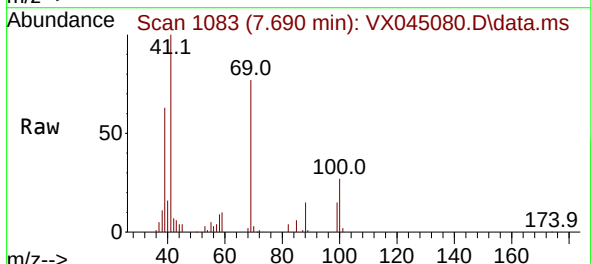
Manual Integrations
APPROVED

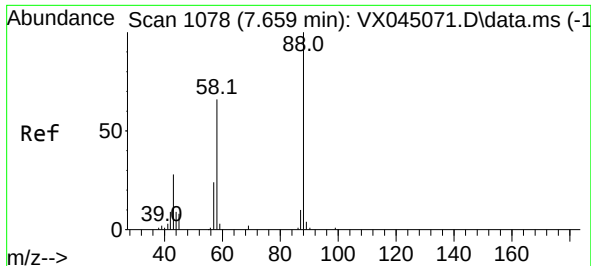
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#48
Methyl methacrylate
Concen: 18.322 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

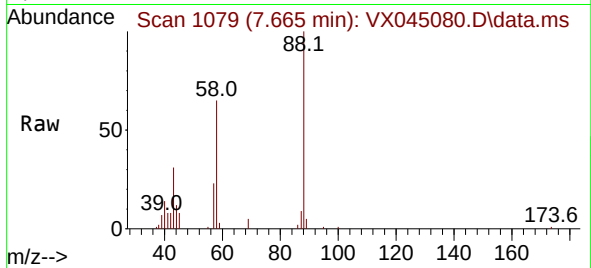
Tgt Ion: 41 Resp: 30953
Ion Ratio Lower Upper
41 100
69 81.4 63.0 94.6
39 61.0 47.5 71.3





#49
1,4-Dioxane
Concen: 369.225 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

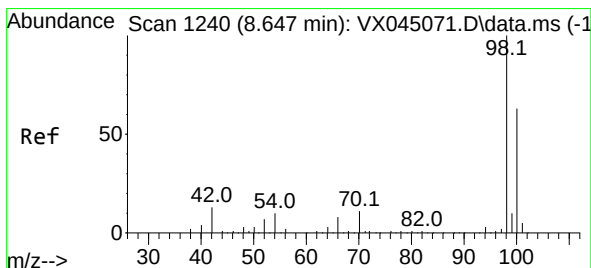
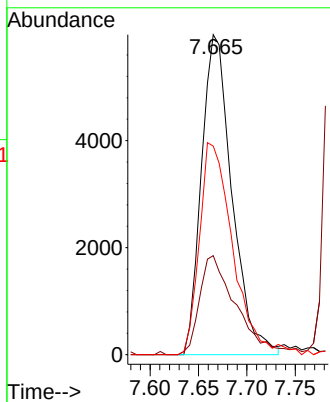
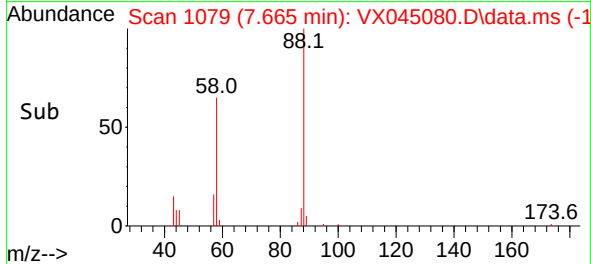
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 88 Resp: 13158
Ion Ratio Lower Upper
88 100
43 37.1 28.7 43.1
58 72.5 55.8 83.8

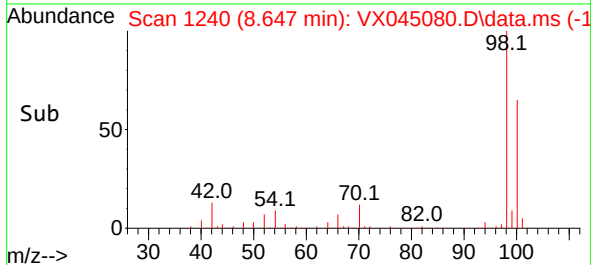
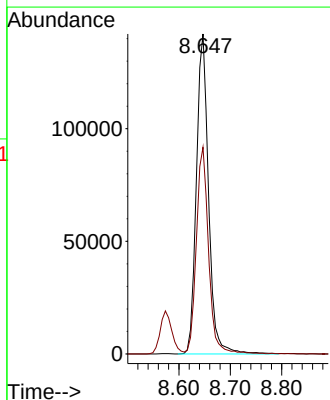
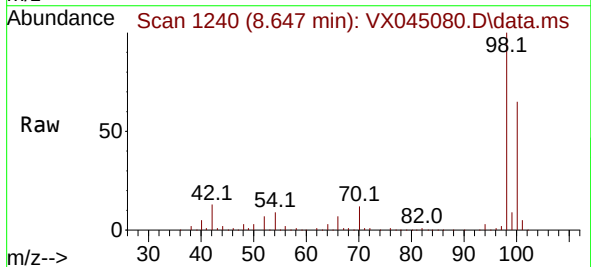
Manual Integrations
APPROVED

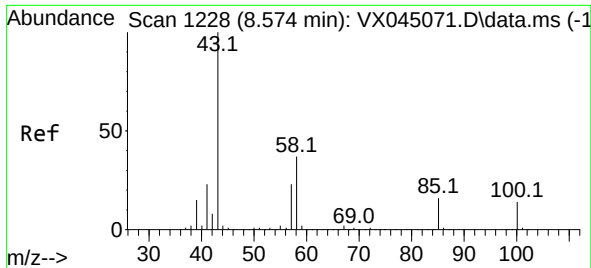
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#50
Toluene-d8
Concen: 50.059 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

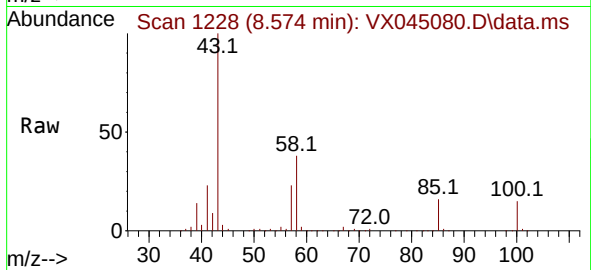
Tgt Ion: 98 Resp: 233874
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 95.598 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

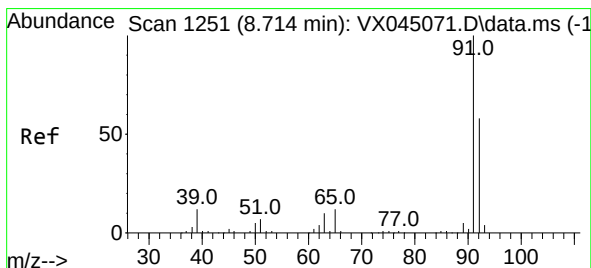
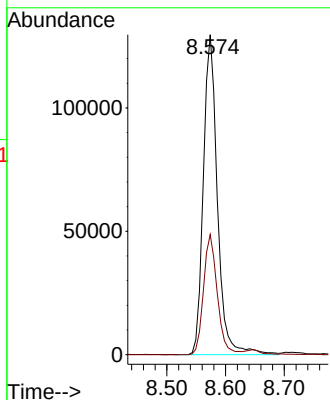
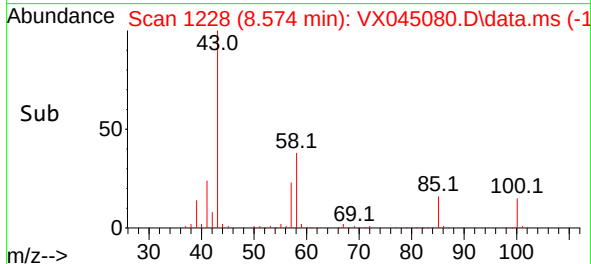
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 43 Resp: 21615
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8

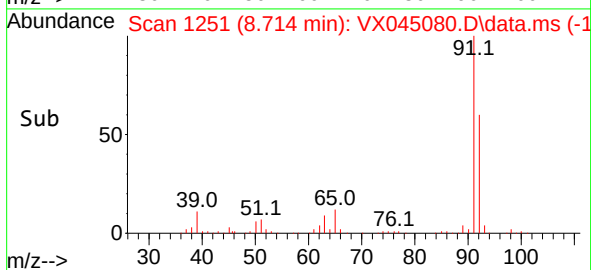
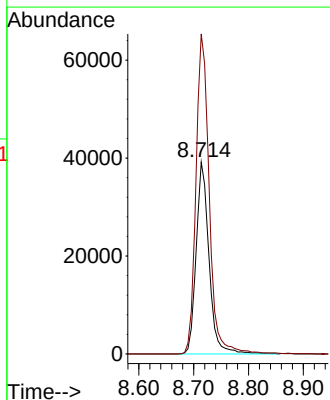
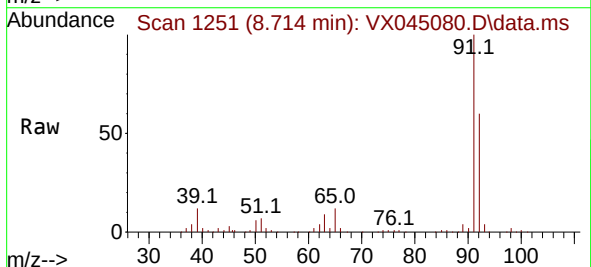
Manual Integrations
APPROVED

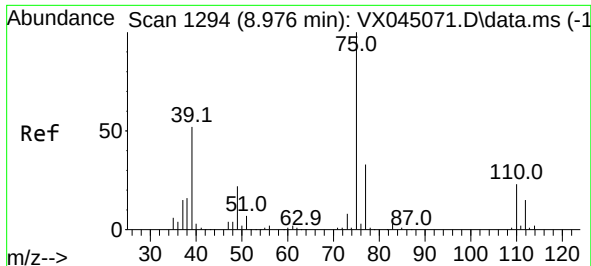
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#52
Toluene
Concen: 19.628 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion: 92 Resp: 64270
Ion Ratio Lower Upper
92 100
91 171.4 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 19.479 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 75 Resp: 3239

Ion Ratio Lower Upper

75 100

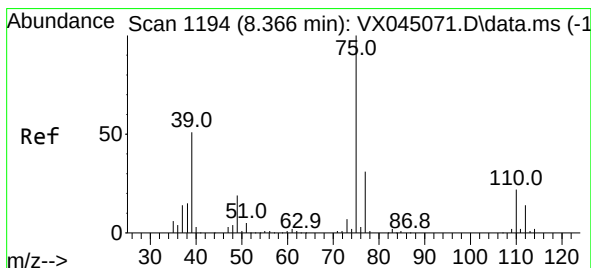
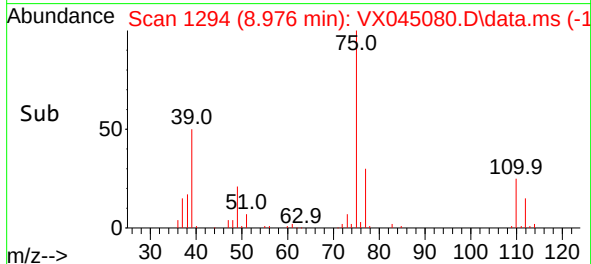
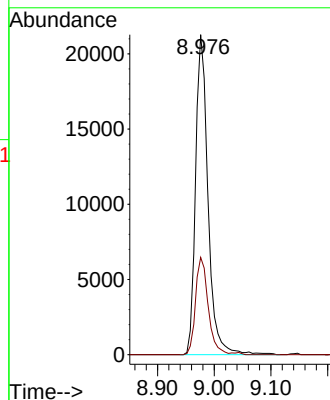
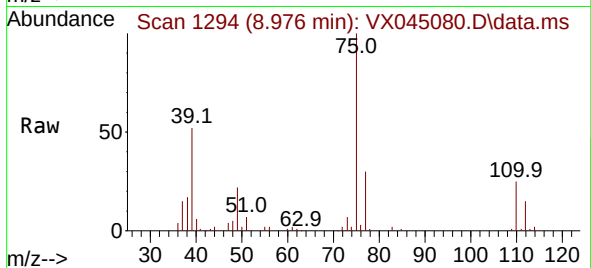
77 30.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#54

cis-1,3-Dichloropropene

Concen: 19.970 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

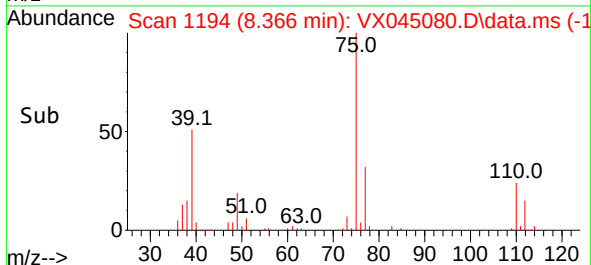
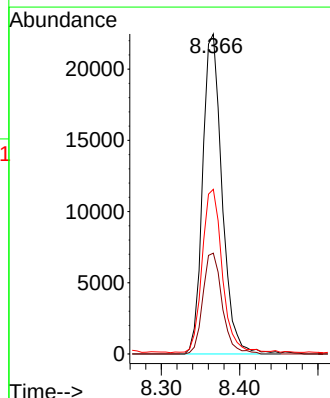
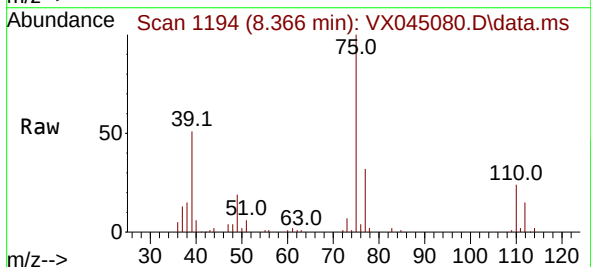
Tgt Ion: 75 Resp: 38727

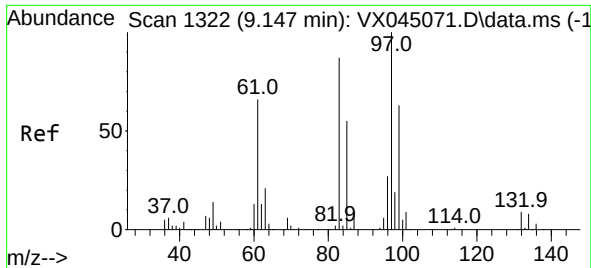
Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

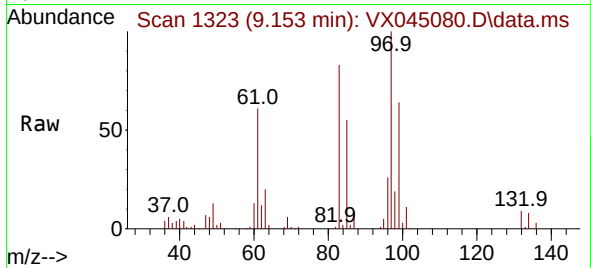
39 50.9 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 19.074 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

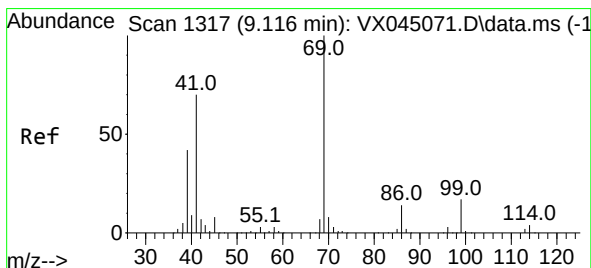
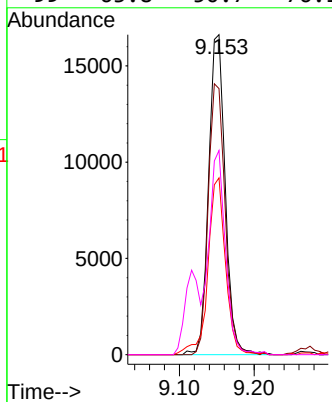
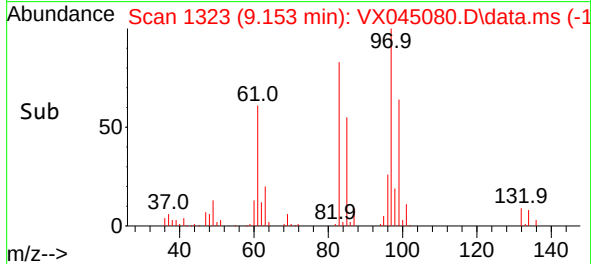


Tgt Ion: 97 Resp: 2571

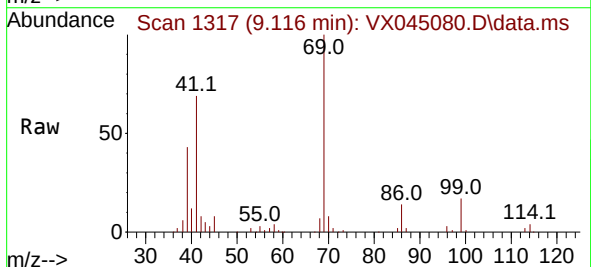
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.4	104.2
85	55.2	44.1	66.1
99	63.8	50.7	76.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

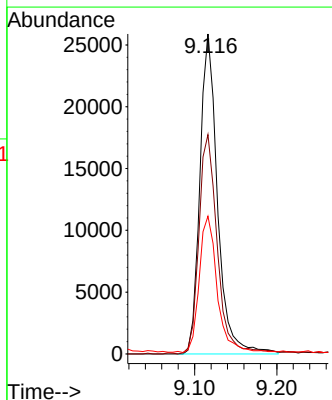
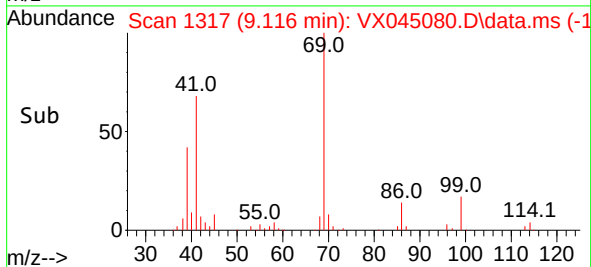


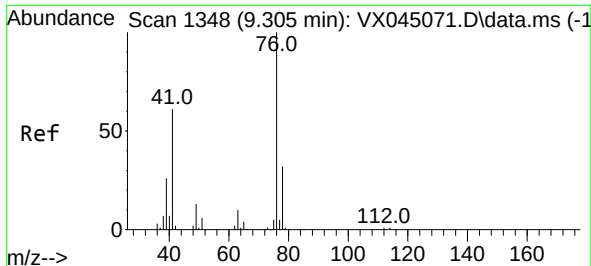
#56
Ethyl methacrylate
Concen: 18.857 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46



Tgt Ion: 69 Resp: 38638

Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.0	85.4
39	43.0	34.2	51.4





#57

1,3-Dichloropropane

Concen: 18.881 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 76 Resp: 4404

Ion Ratio Lower Upper

76 100

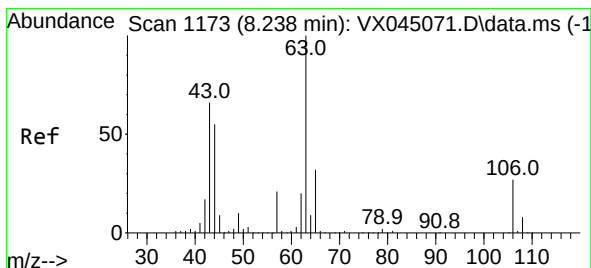
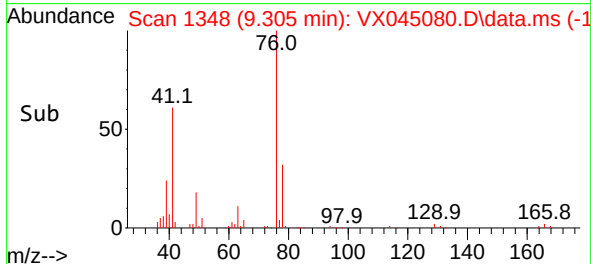
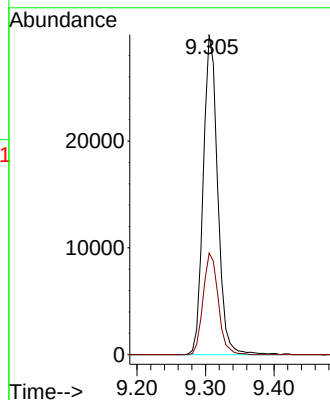
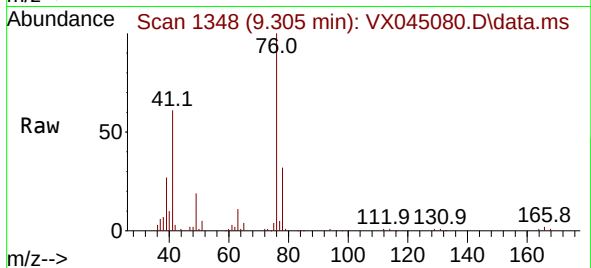
78 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 100.039 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045080.D

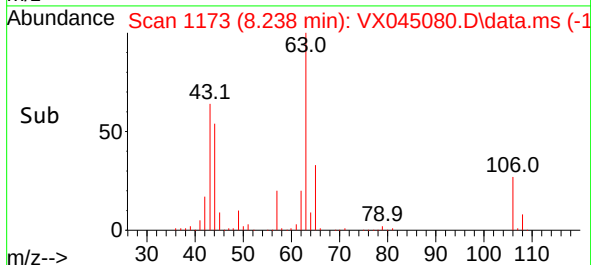
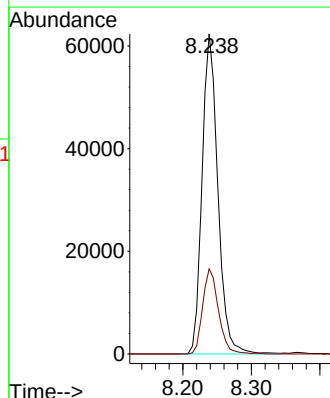
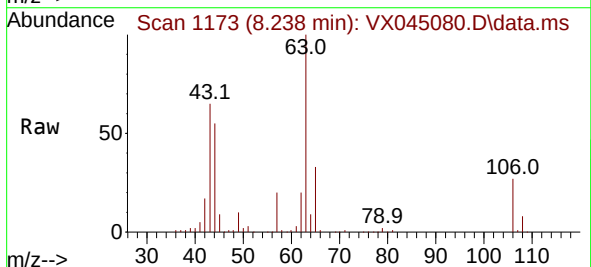
Acq: 28 Feb 2025 11:46

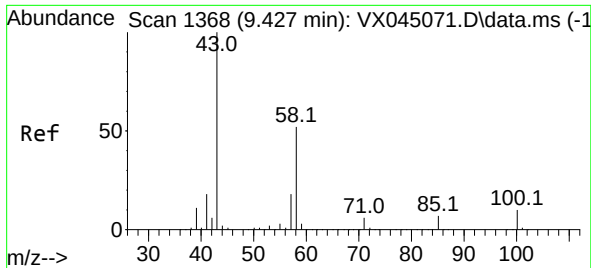
Tgt Ion: 63 Resp: 99991

Ion Ratio Lower Upper

63 100

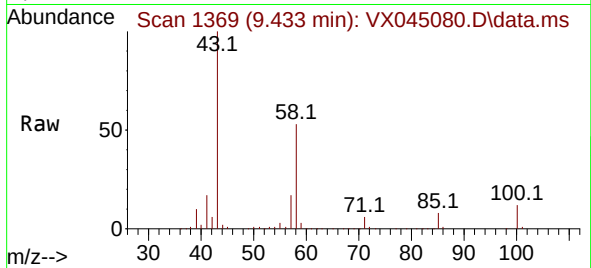
106 26.6 21.5 32.3





#59
2-Hexanone
Concen: 96.991 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

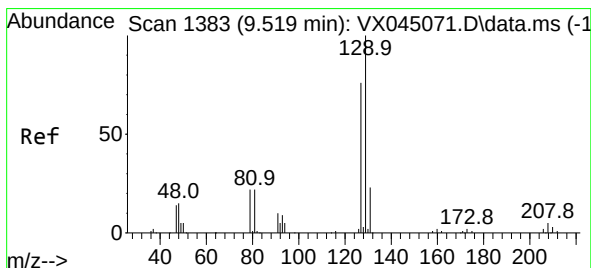
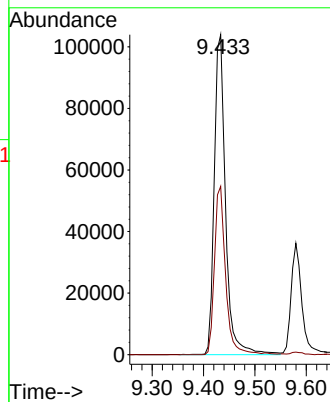
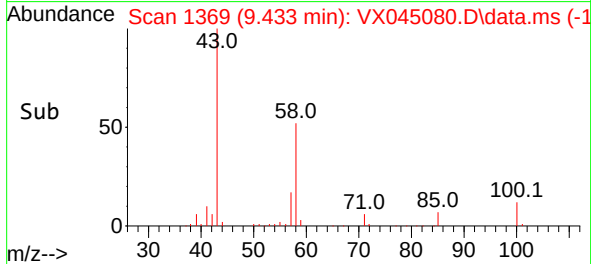
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 43 Resp: 158894
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.6

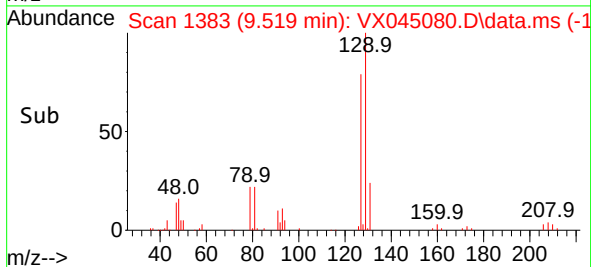
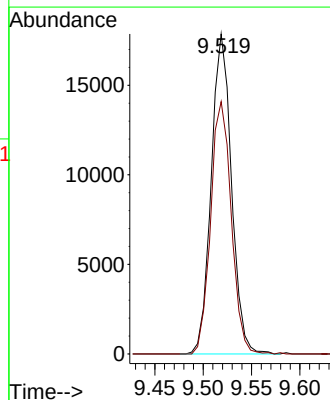
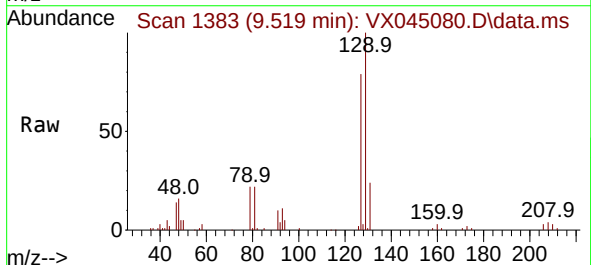
Manual Integrations
APPROVED

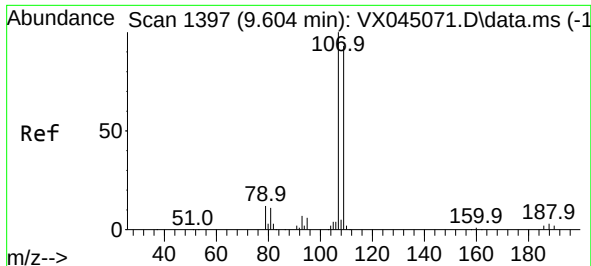
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#60
Dibromochloromethane
Concen: 18.475 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

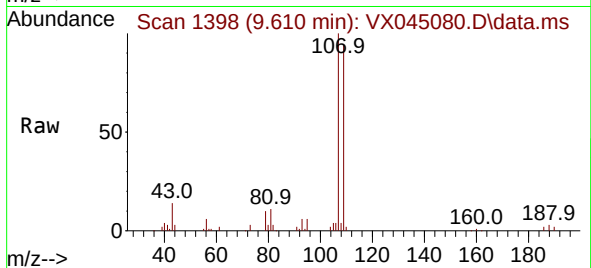
Tgt Ion:129 Resp: 26039
Ion Ratio Lower Upper
129 100
127 80.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.303 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

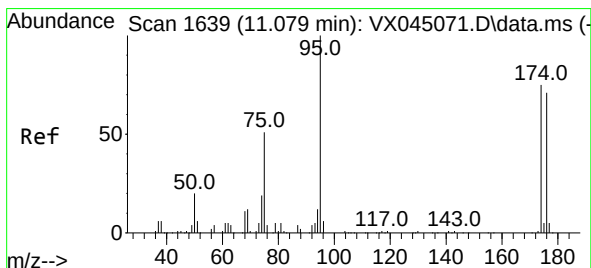
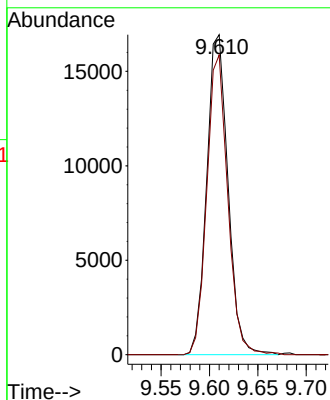
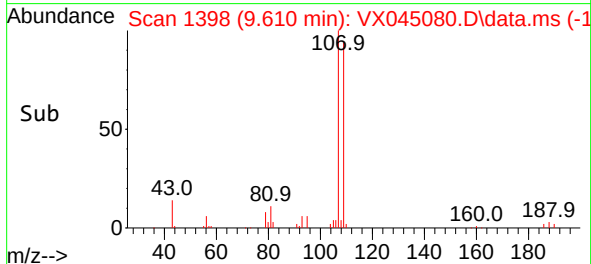
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion:107 Resp: 25970
Ion Ratio Lower Upper
107 100
109 92.2 76.1 114.1

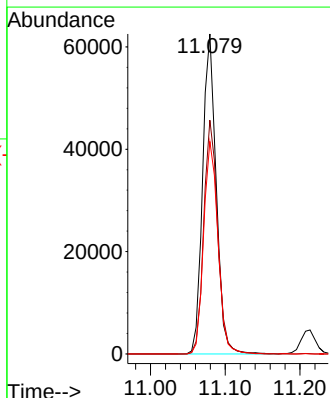
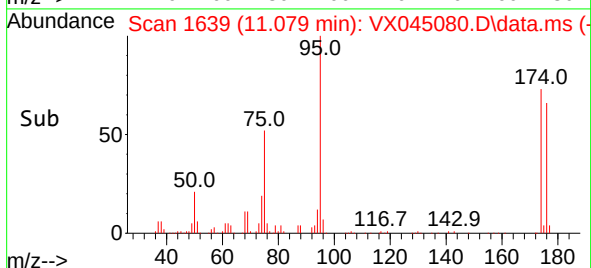
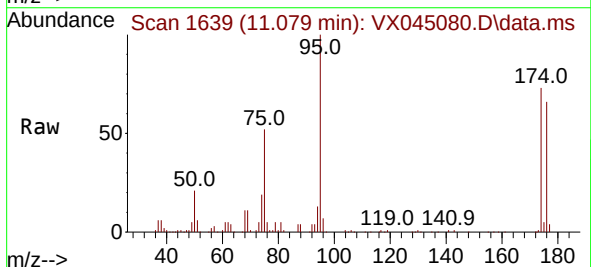
Manual Integrations
APPROVED

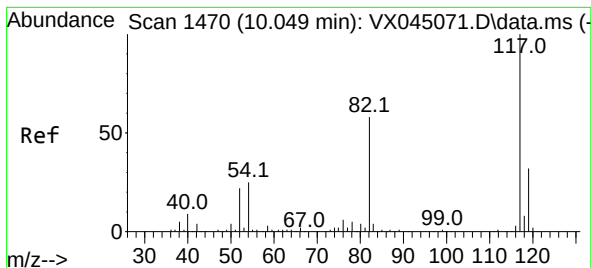
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#62
4-Bromofluorobenzene
Concen: 51.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

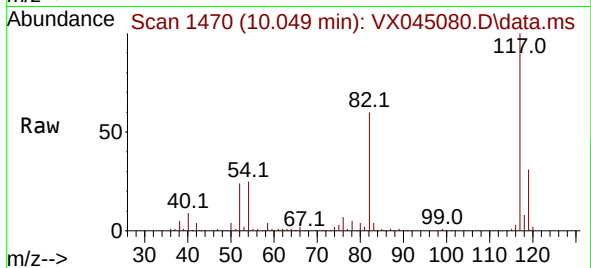
Tgt Ion: 95 Resp: 78964
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.2
176 69.8 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

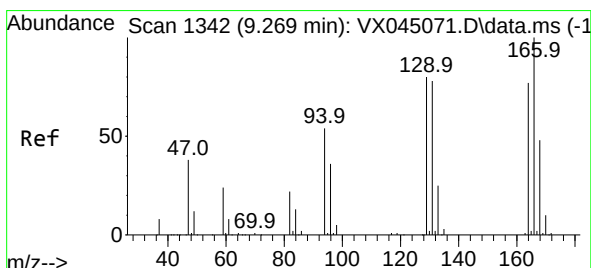
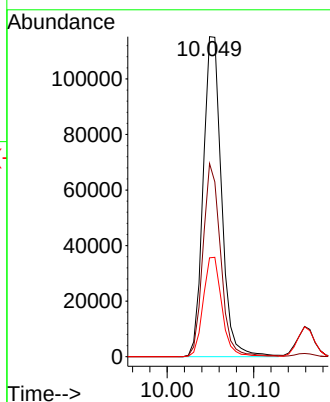
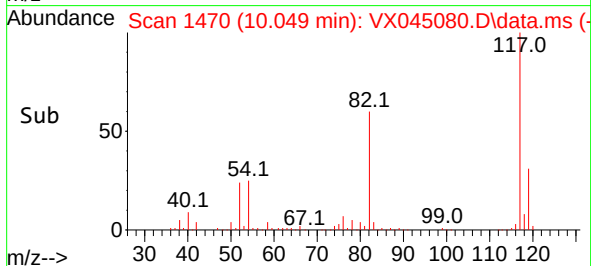
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion:117 Resp: 169474
Ion Ratio Lower Upper
117 100
82 60.4 46.3 69.5
119 30.9 25.7 38.5

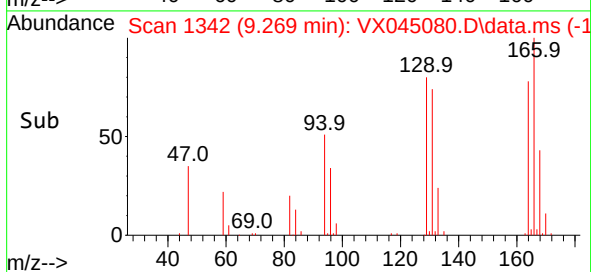
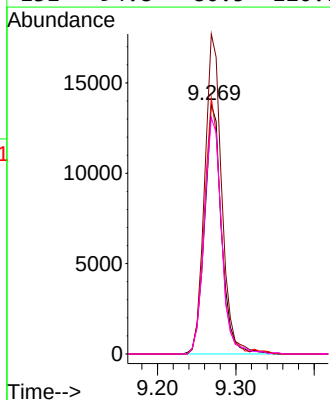
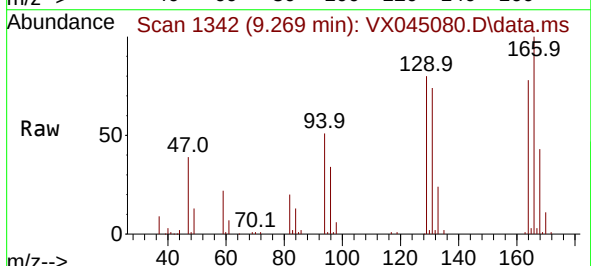
Manual Integrations
APPROVED

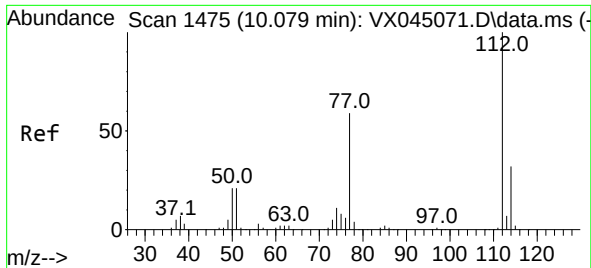
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#64
Tetrachloroethene
Concen: 19.012 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion:164 Resp: 20636
Ion Ratio Lower Upper
164 100
166 128.4 103.6 155.4
129 102.7 82.7 124.1
131 94.8 80.5 120.7





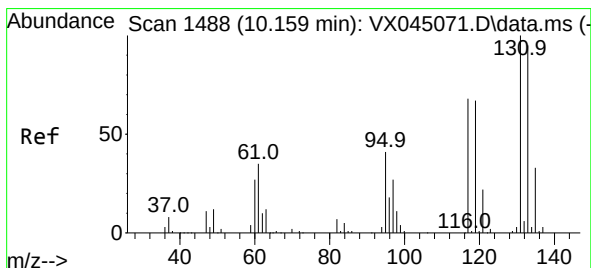
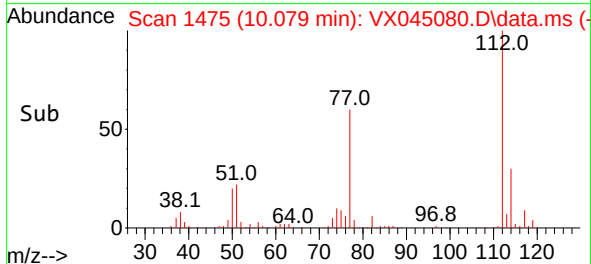
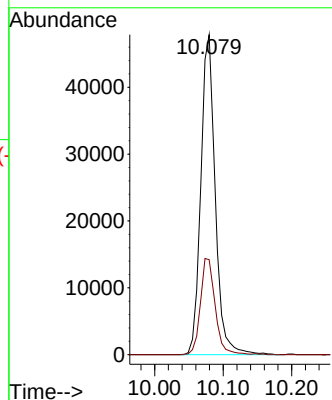
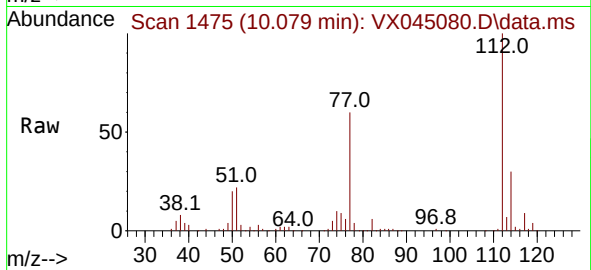
#65
Chlorobenzene
Concen: 19.571 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:112 Resp: 7018
Ion Ratio Lower Upper
112 100
114 29.7 26.0 39.0

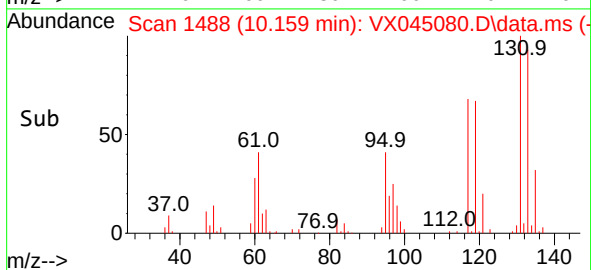
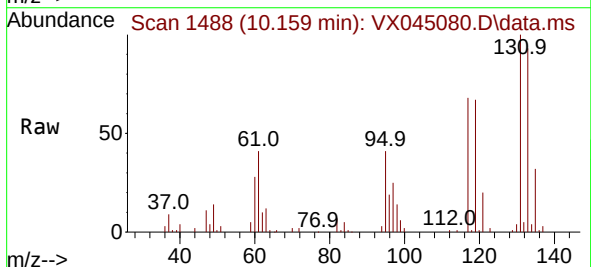
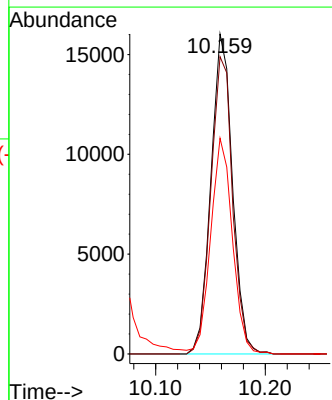
Manual Integrations
APPROVED

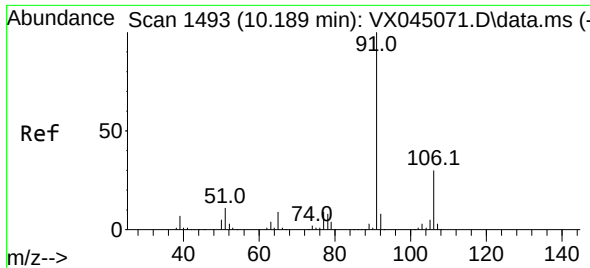
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.381 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

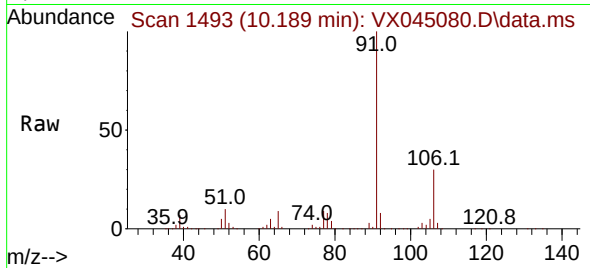
Tgt Ion:131 Resp: 21951
Ion Ratio Lower Upper
131 100
133 93.9 48.6 145.9
119 67.9 33.9 101.7





#67
Ethyl Benzene
Concen: 19.418 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

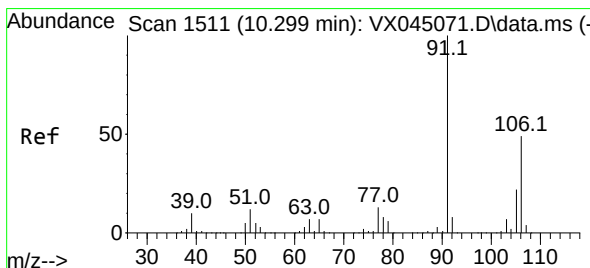
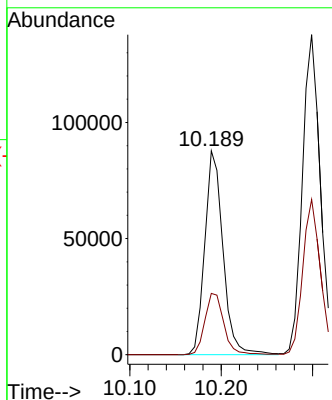
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 91 Resp: 121335
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

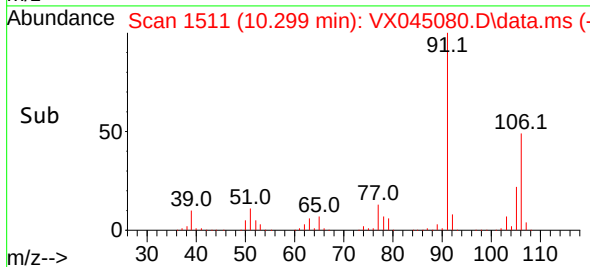
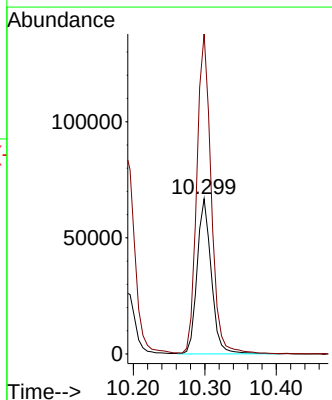
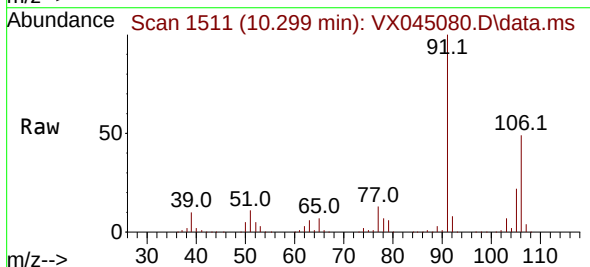
Manual Integrations
APPROVED

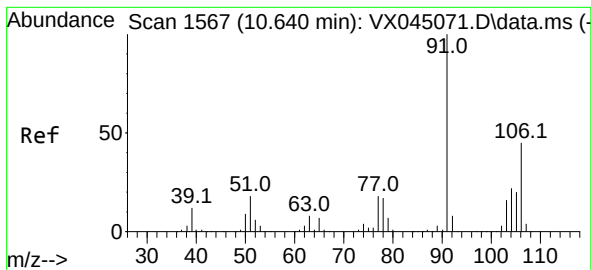
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#68
m/p-Xylenes
Concen: 40.136 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion:106 Resp: 91808
Ion Ratio Lower Upper
106 100
91 208.5 165.4 248.0





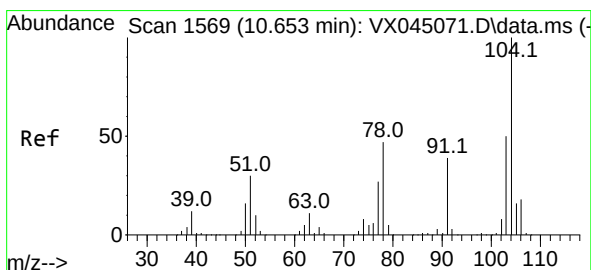
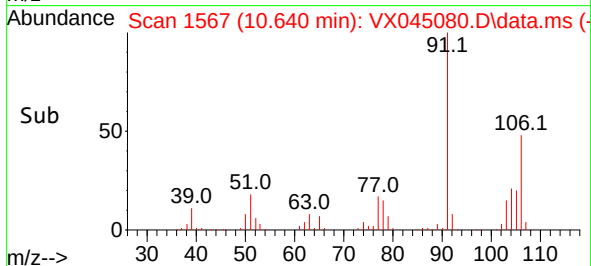
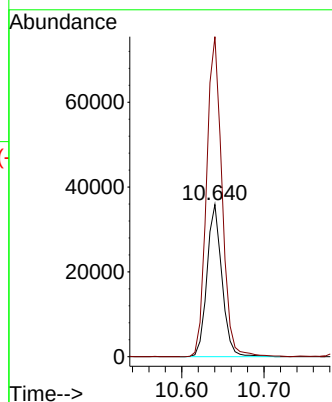
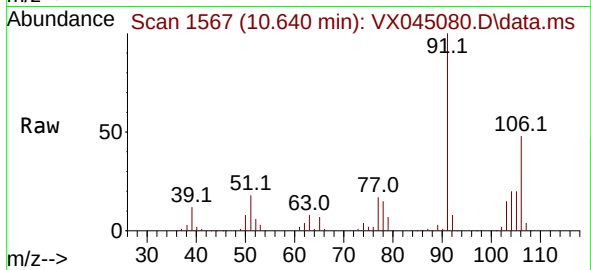
#69
o-Xylene
Concen: 19.659 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:106 Resp: 45354
Ion Ratio Lower Upper
106 100
91 217.3 109.9 329.6

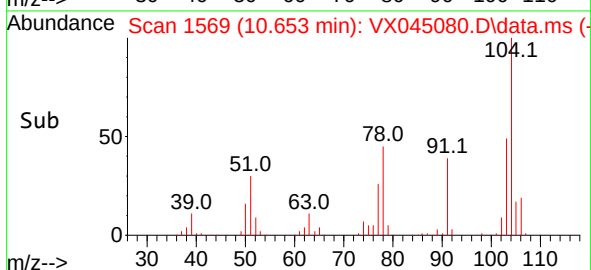
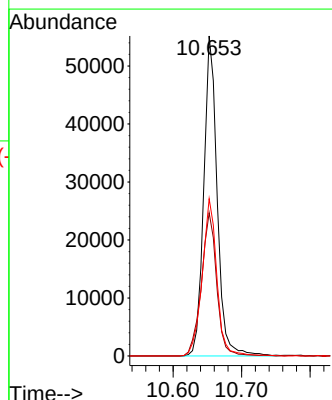
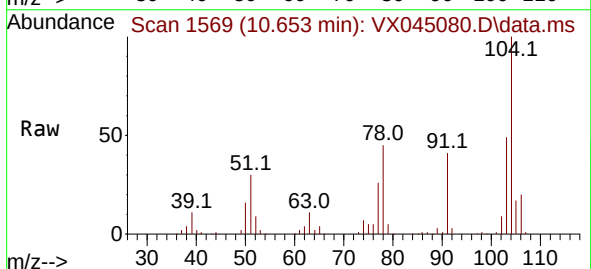
Manual Integrations
APPROVED

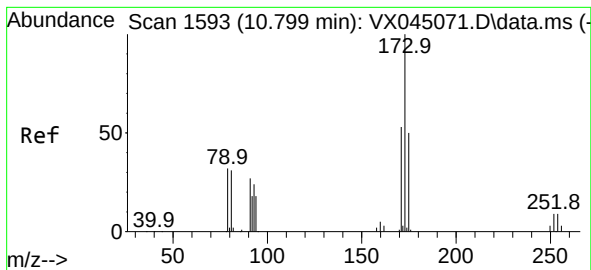
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#70
Styrene
Concen: 20.230 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion:104 Resp: 75515
Ion Ratio Lower Upper
104 100
78 50.7 42.2 63.4
103 53.7 43.8 65.8





#71

Bromoform

Concen: 18.196 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

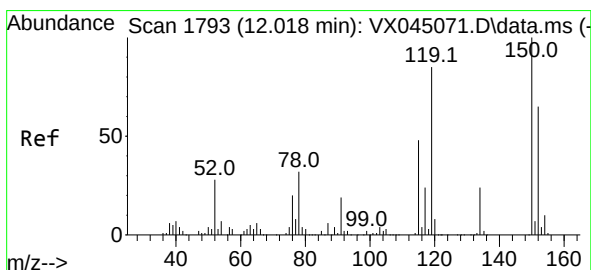
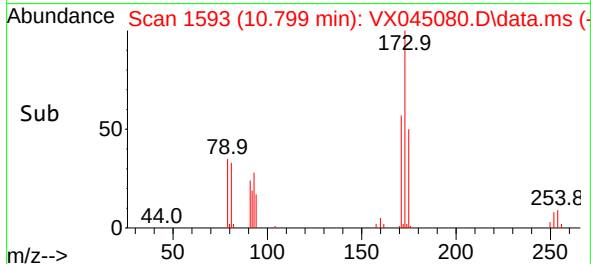
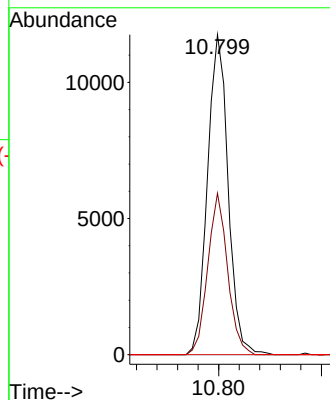
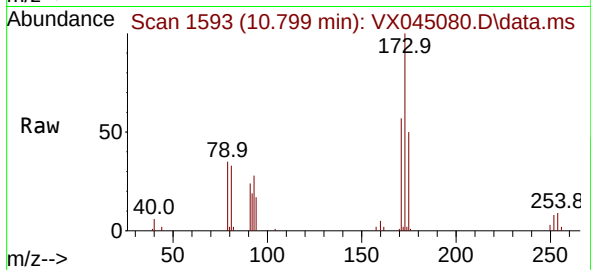
Tgt Ion:173	Resp:	16380
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.6 73.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

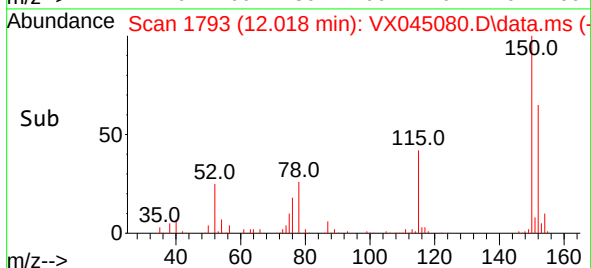
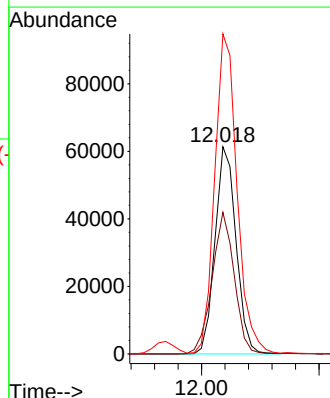
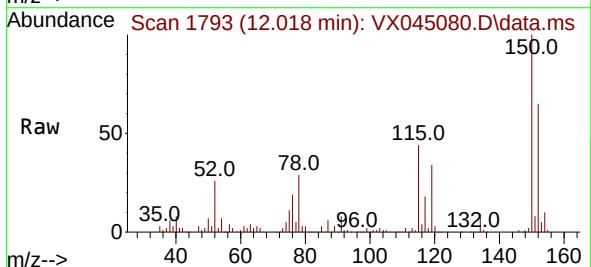
RT: 12.018 min Scan# 1793

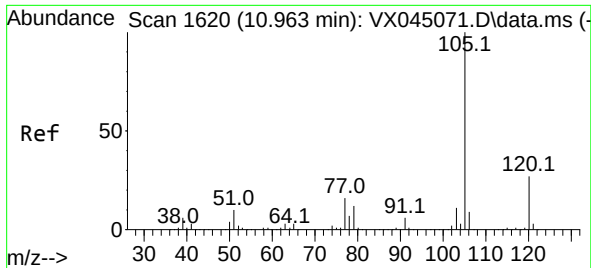
Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Tgt Ion:152	Resp:	76472
Ion Ratio	Lower	Upper
152	100	
115	71.9	44.2 132.6
150	163.9	0.0 349.0





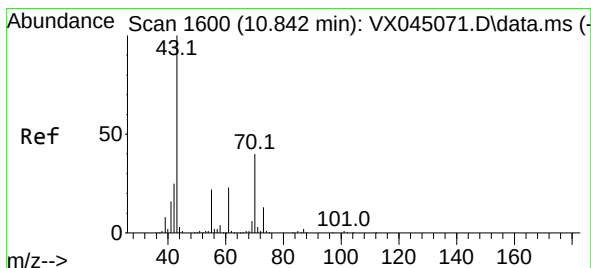
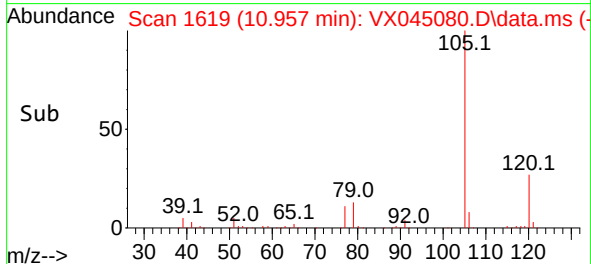
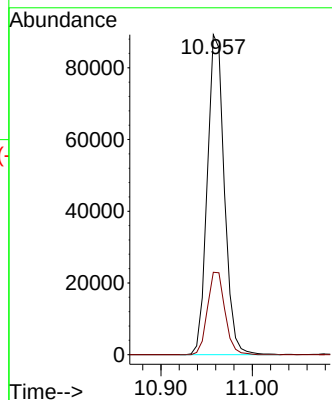
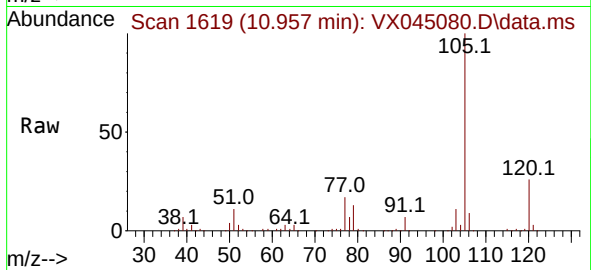
#73
Isopropylbenzene
Concen: 19.389 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:105 Resp: 11573
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5

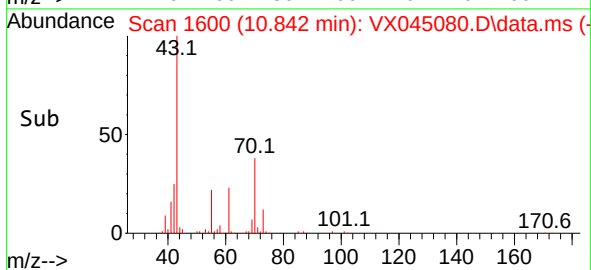
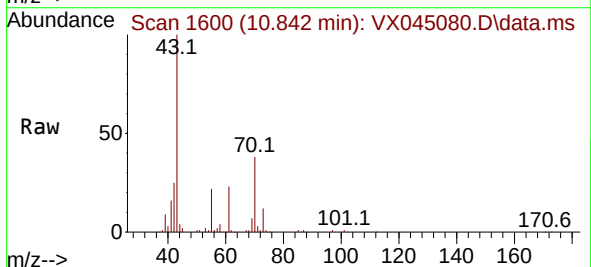
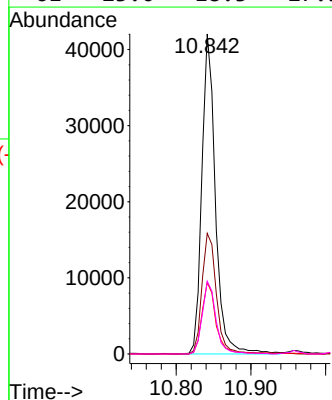
Manual Integrations
APPROVED

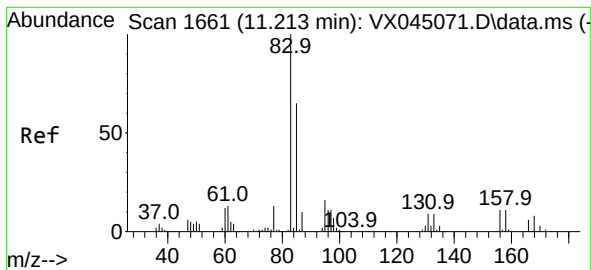
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#74
N-ethyl acetate
Concen: 18.981 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Tgt Ion: 43 Resp: 53161
Ion Ratio Lower Upper
43 100
70 40.0 31.8 47.6
55 23.0 18.3 27.5
61 23.0 18.3 27.5





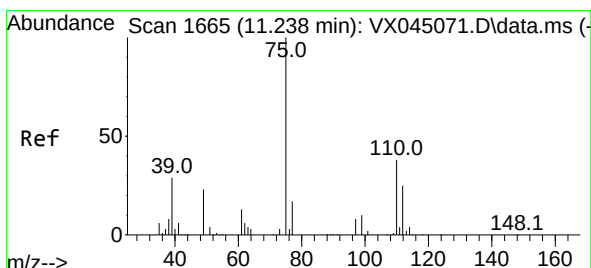
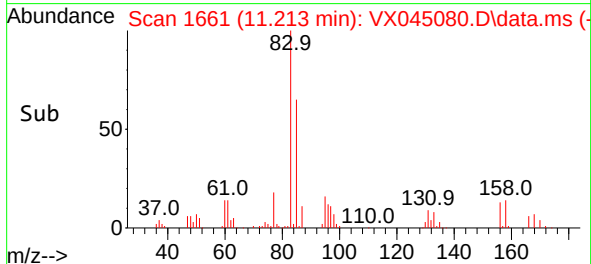
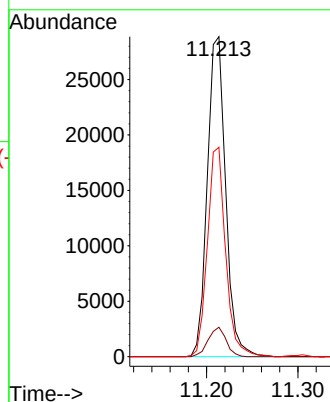
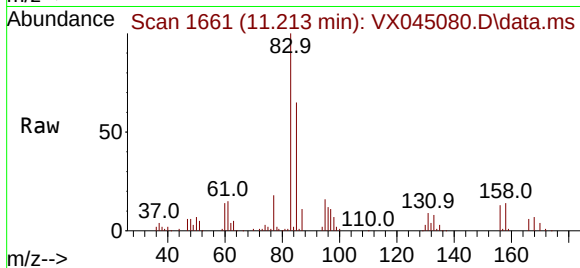
#75
1,1,2,2-Tetrachloroethane
Concen: 18.311 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 83 Resp: 4010
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.4
85 64.9 31.7 95.1

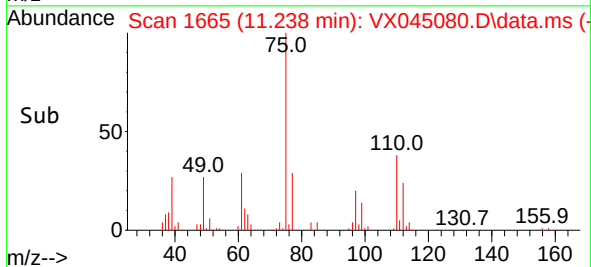
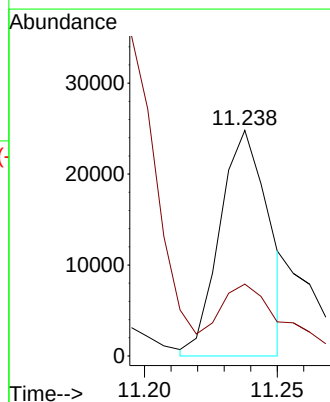
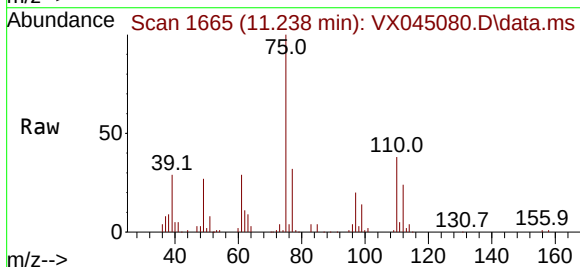
Manual Integrations
APPROVED

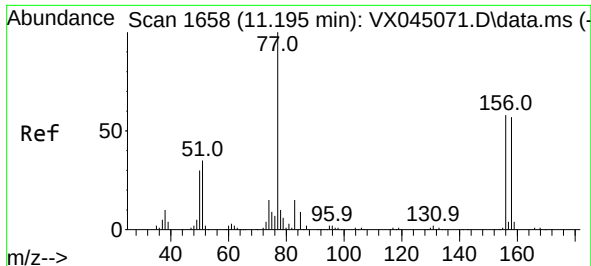
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#76
1,2,3-Trichloropropane
Concen: 17.847 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

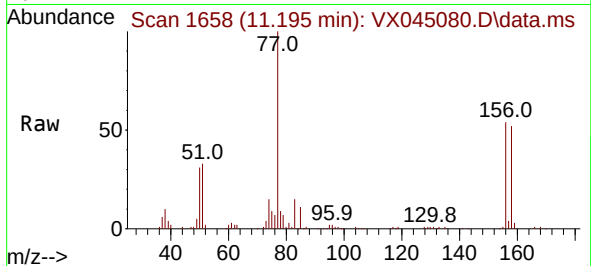
Tgt Ion: 75 Resp: 31765
Ion Ratio Lower Upper
75 100
77 42.6 20.7 62.1





#77
Bromobenzene
Concen: 19.058 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

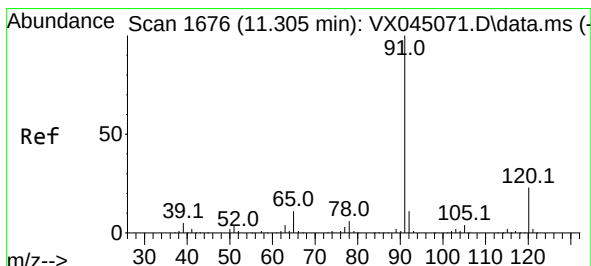
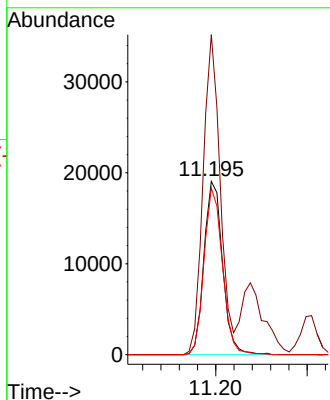
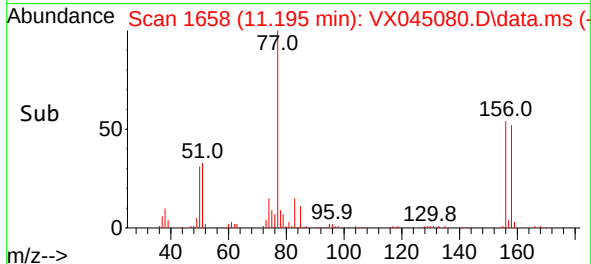
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



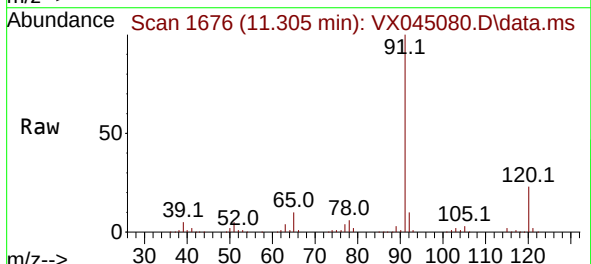
Tgt Ion:156 Resp: 26840
Ion Ratio Lower Upper
156 100
77 170.0 85.8 257.4
158 95.1 48.4 145.2

Manual Integrations
APPROVED

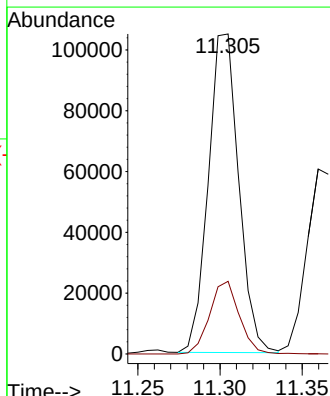
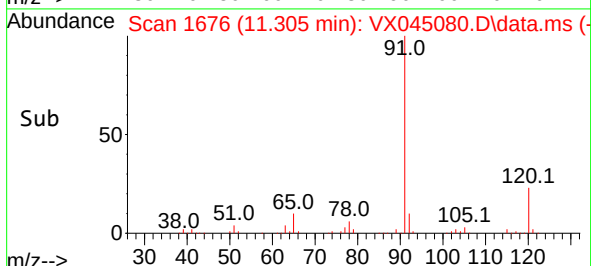
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

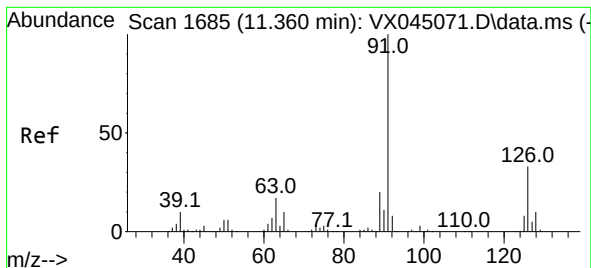


#78
n-propylbenzene
Concen: 20.023 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46



Tgt Ion: 91 Resp: 135011
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6





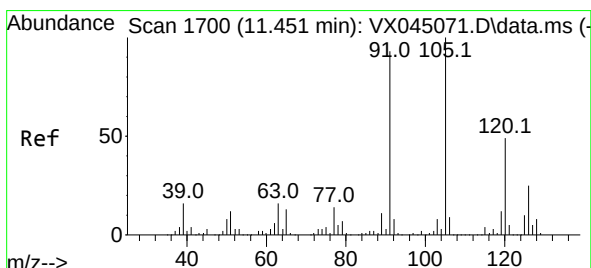
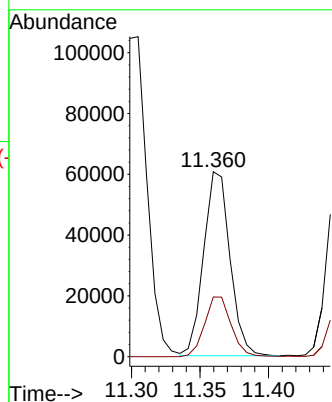
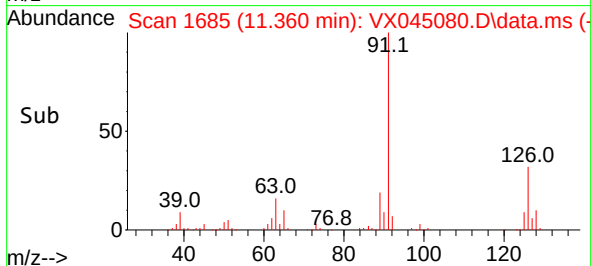
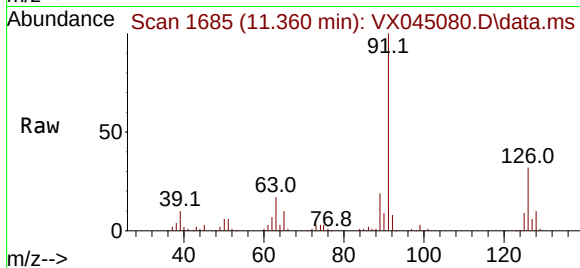
#79
2-Chlorotoluene
Concen: 18.869 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 91 Resp: 81025
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

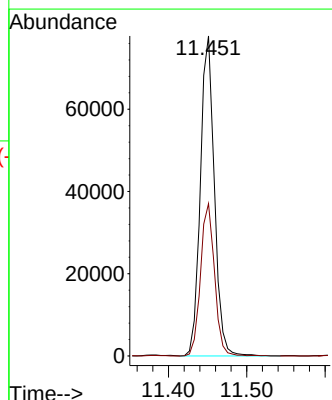
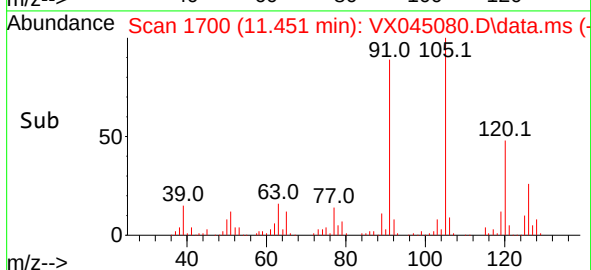
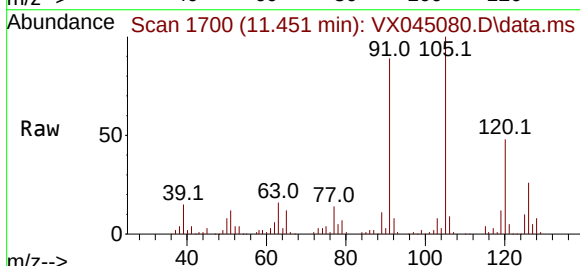
Manual Integrations
APPROVED

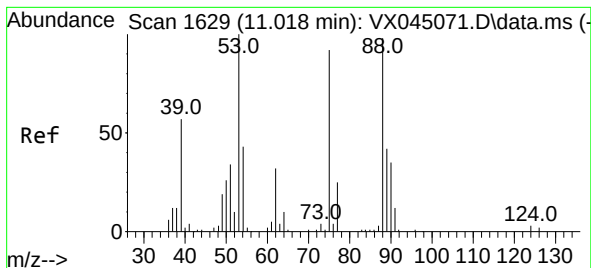
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.095 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

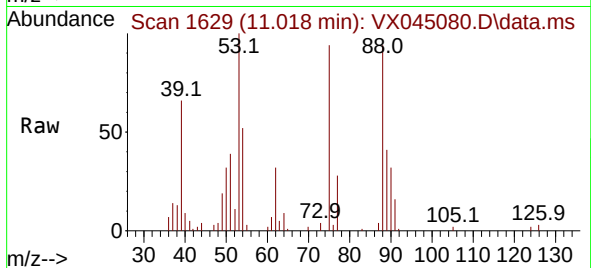
Tgt Ion:105 Resp: 96986
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 17.808 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

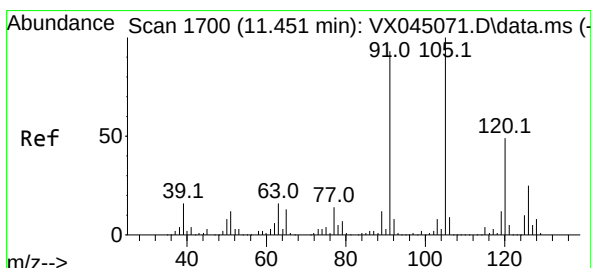
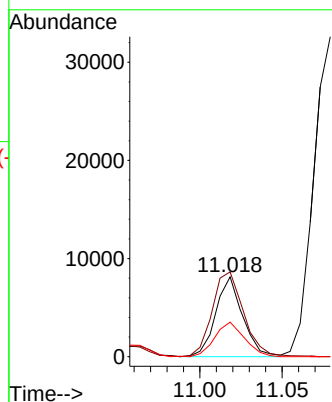
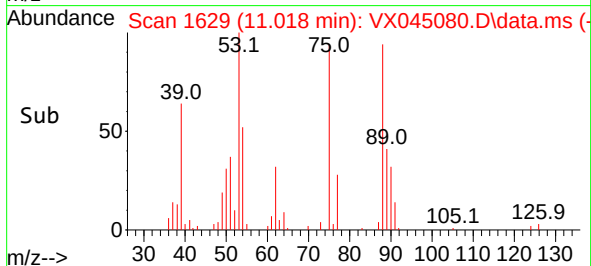
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



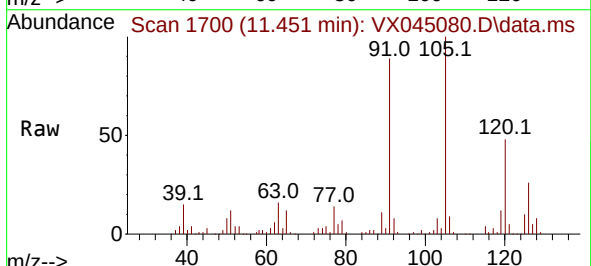
Tgt Ion: 75 Resp: 926
Ion Ratio Lower Upper
75 100
53 124.2 88.5 132.7
89 47.6 36.2 54.4

Manual Integrations
APPROVED

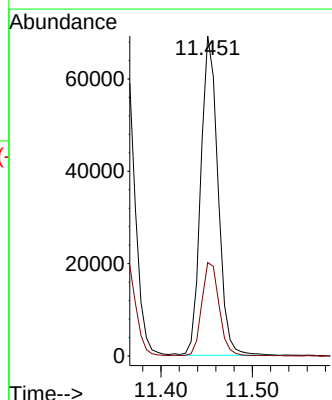
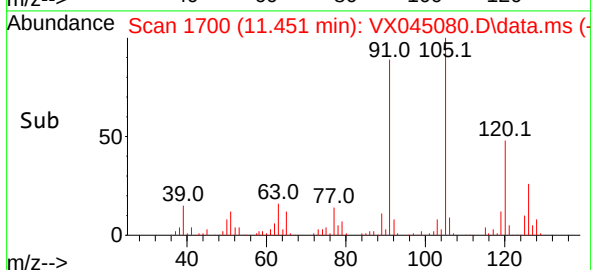
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

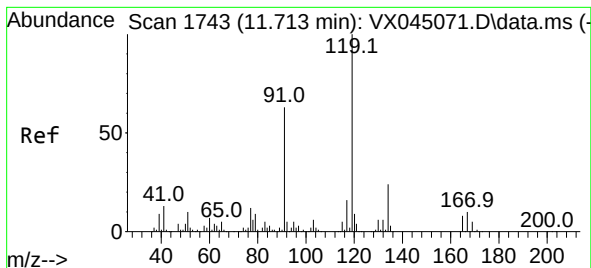


#82
4-Chlorotoluene
Concen: 19.254 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46



Tgt Ion: 91 Resp: 90109
Ion Ratio Lower Upper
91 100
126 29.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 19.251 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

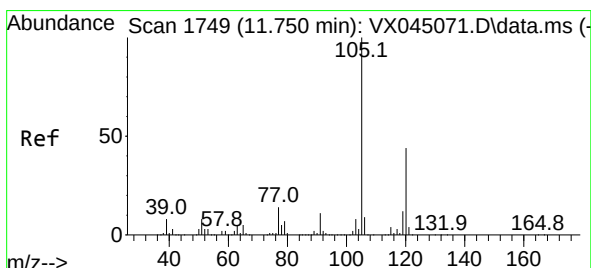
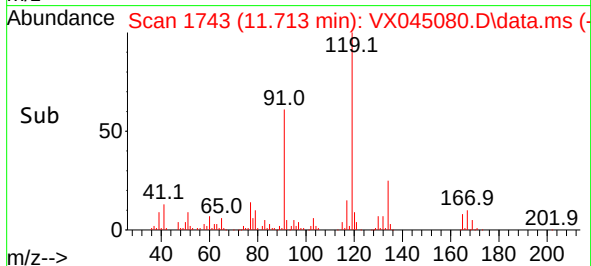
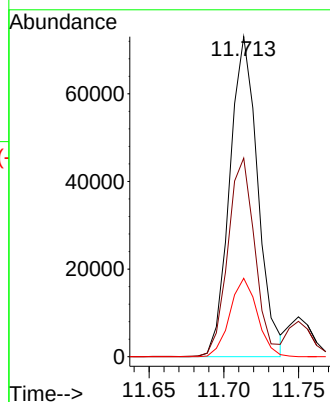
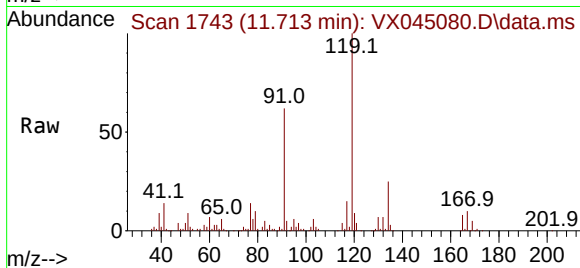
Tgt Ion:	119	Resp:	9546
Ion Ratio	Lower	Upper	
119	100		
91	60.2	30.7	92.1
134	24.0	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.618 ug/l

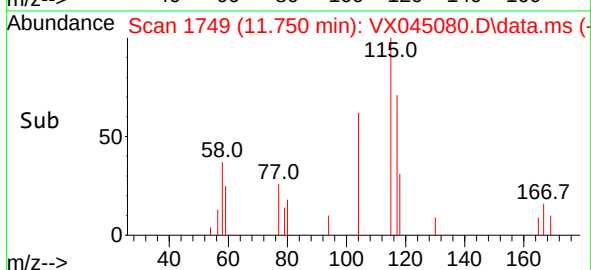
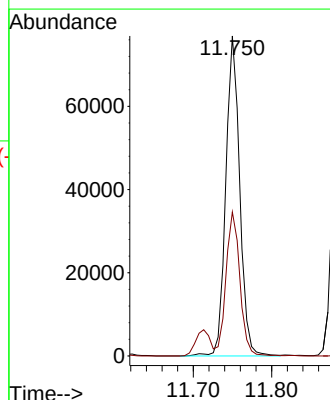
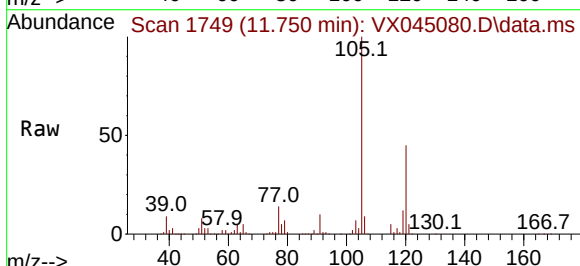
RT: 11.750 min Scan# 1749

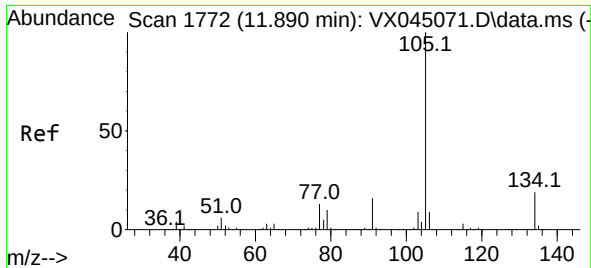
Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

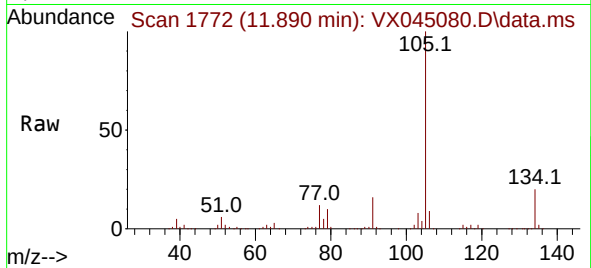
Tgt Ion:	105	Resp:	95268
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.1	66.1





#85
 sec-Butylbenzene
 Concen: 19.930 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045080.D
 Acq: 28 Feb 2025 11:46

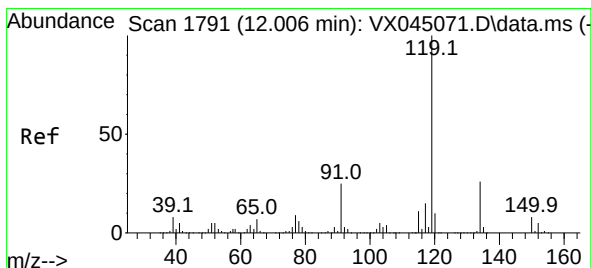
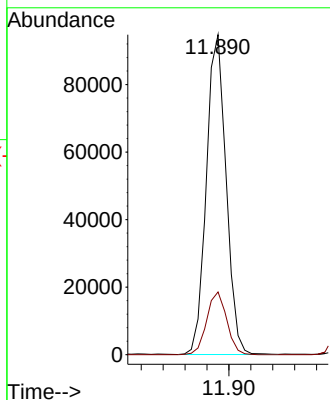
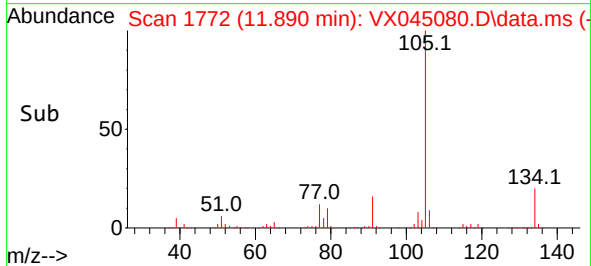
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01



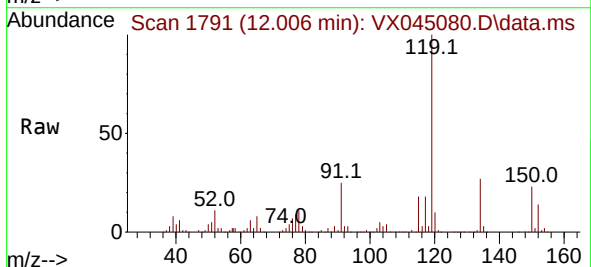
Tgt Ion:105 Resp: 11838
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
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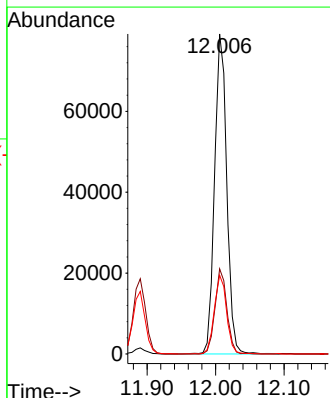
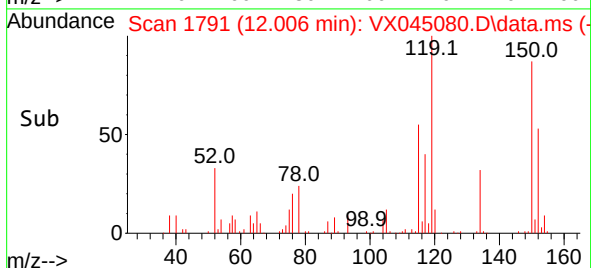
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 03/03/2025

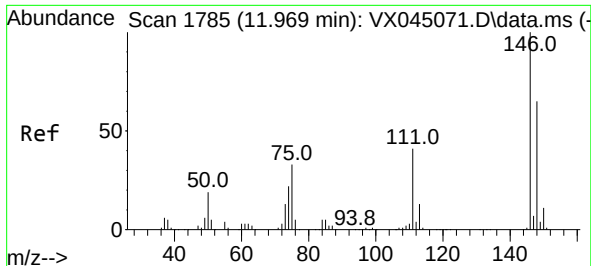


#86
 p-Isopropyltoluene
 Concen: 20.363 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045080.D
 Acq: 28 Feb 2025 11:46



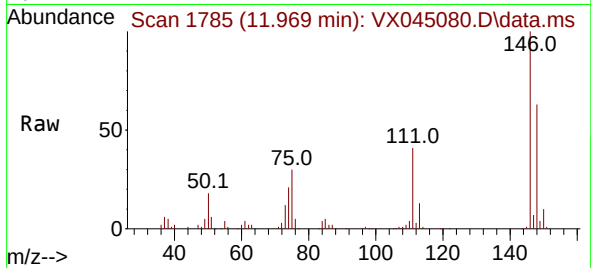
Tgt Ion:119 Resp: 97752
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 25.0 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 19.459 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

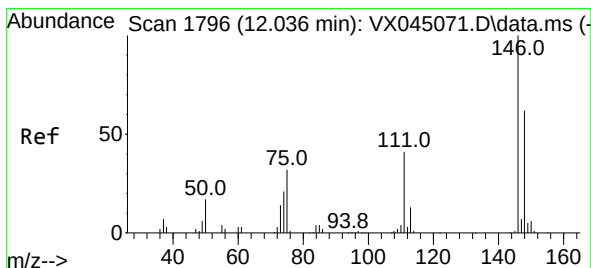
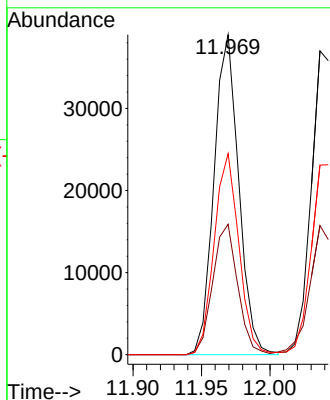
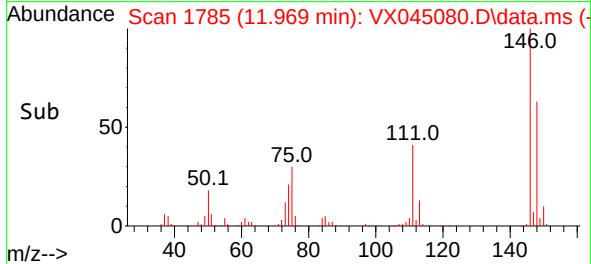
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



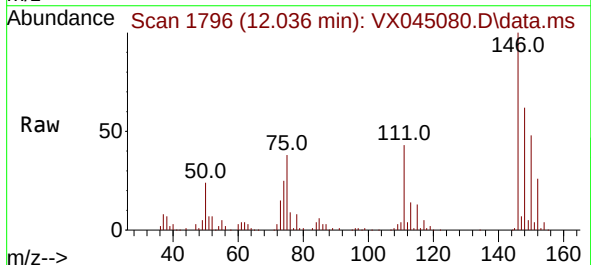
Tgt Ion:146 Resp: 4888
Ion Ratio Lower Upper
146 100
111 41.2 21.1 63.4
148 63.0 31.9 95.7

Manual Integrations
APPROVED

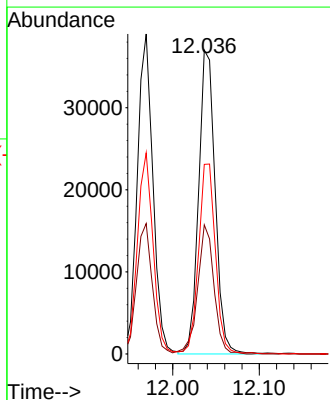
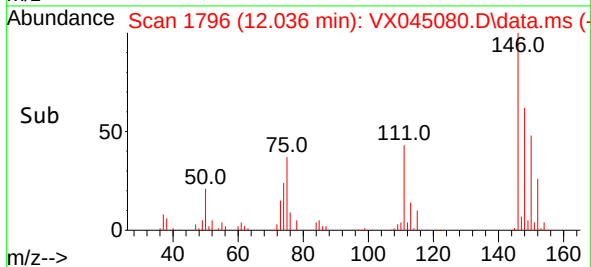
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

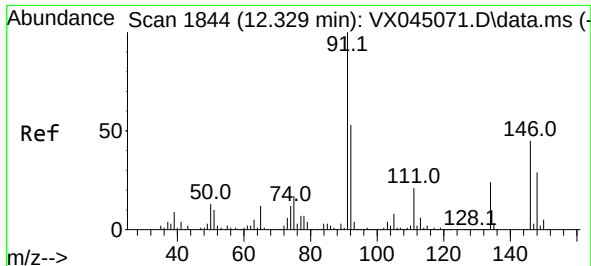


#88
1,4-Dichlorobenzene
Concen: 19.373 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46



Tgt Ion:146 Resp: 49240
Ion Ratio Lower Upper
146 100
111 41.9 20.2 60.5
148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 20.441 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 91 Resp: 8451

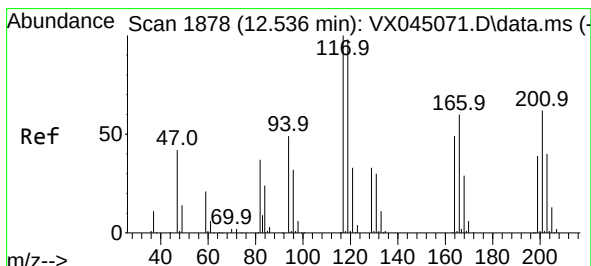
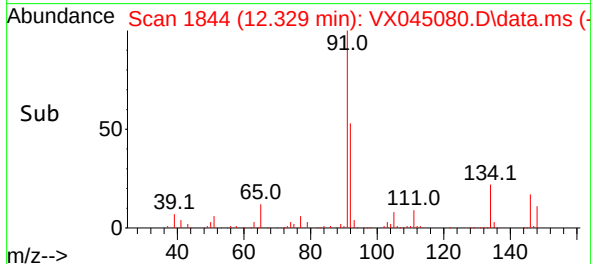
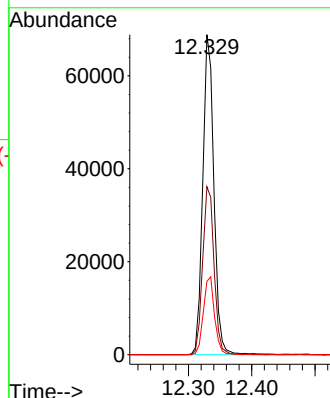
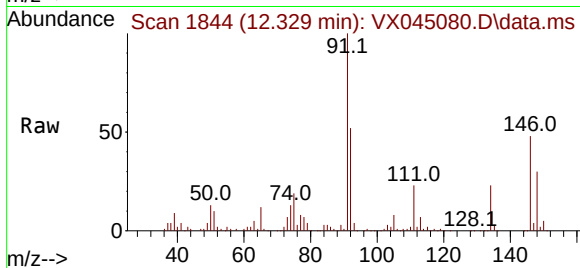
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.0
134	24.4	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#90

Hexachloroethane

Concen: 18.549 ug/l

RT: 12.536 min Scan# 1878

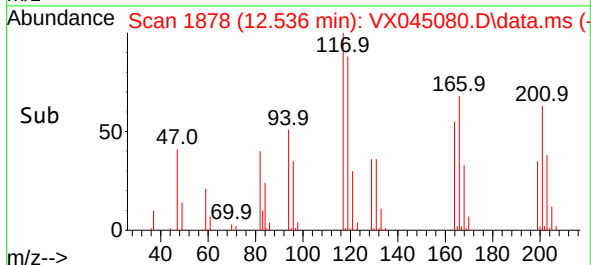
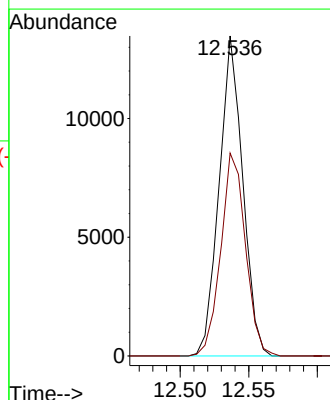
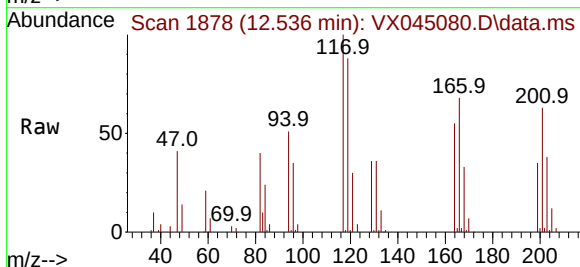
Delta R.T. -0.000 min

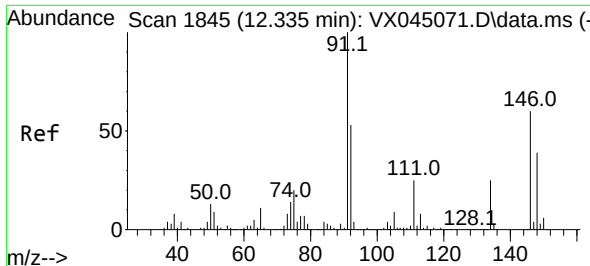
Lab File: VX045080.D

Acq: 28 Feb 2025 11:46

Tgt Ion:117 Resp: 16106

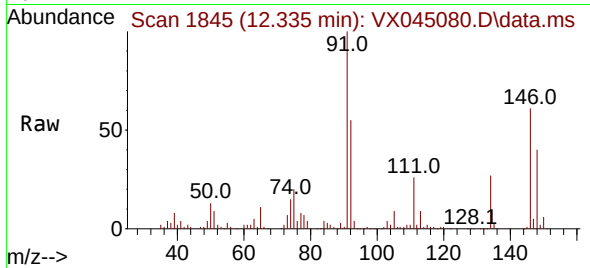
Ion	Ratio	Lower	Upper
117	100		
201	66.5	31.9	95.9





#91
1,2-Dichlorobenzene
Concen: 19.400 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

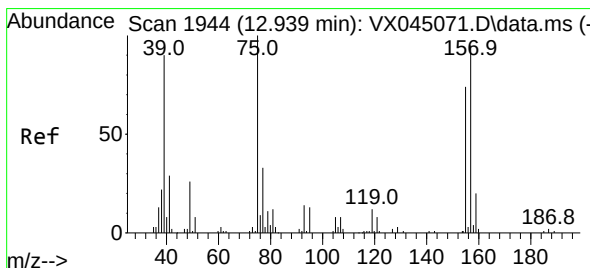
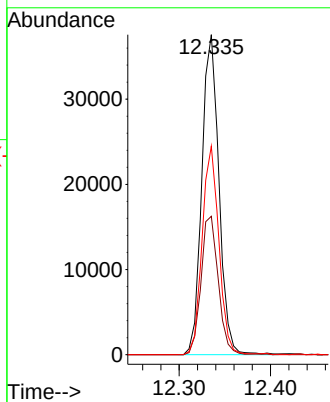
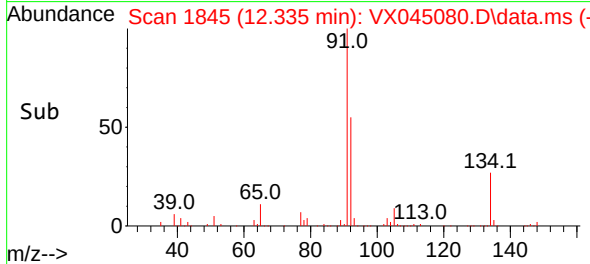
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



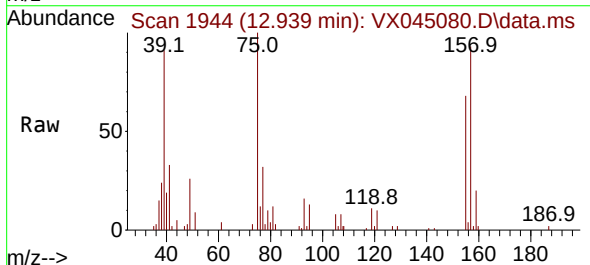
Tgt Ion:146 Resp: 4889
Ion Ratio Lower Upper
146 100
111 43.6 21.6 65.0
148 63.7 31.9 95.9

Manual Integrations
APPROVED

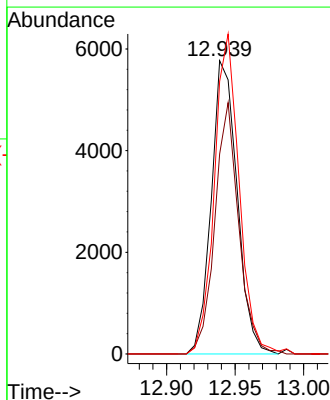
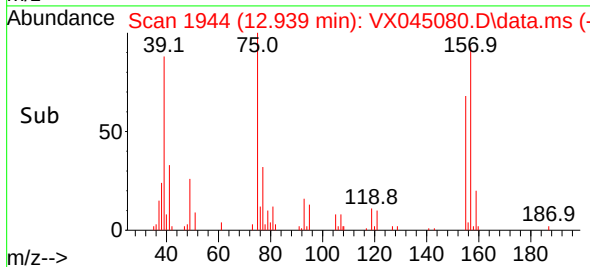
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

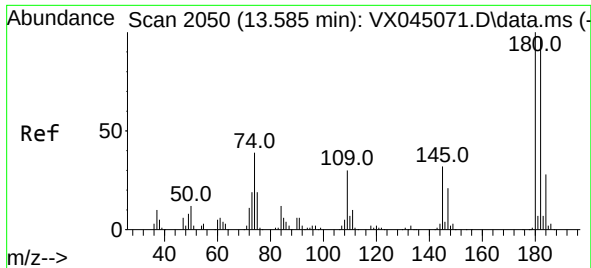


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.719 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46



Tgt Ion: 75 Resp: 7561
Ion Ratio Lower Upper
75 100
155 79.3 39.6 118.7
157 105.1 51.1 153.4





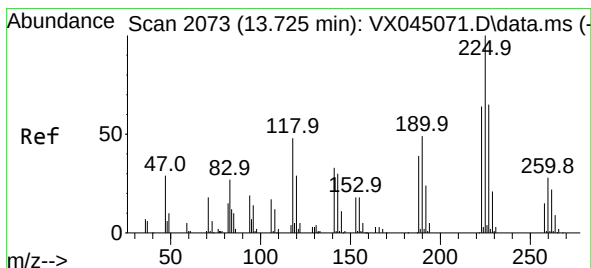
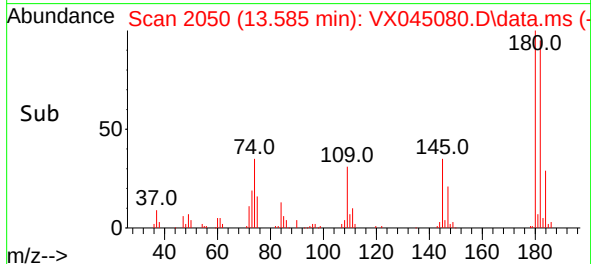
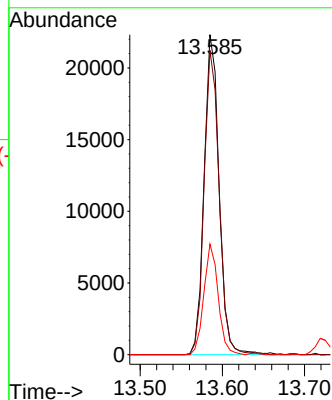
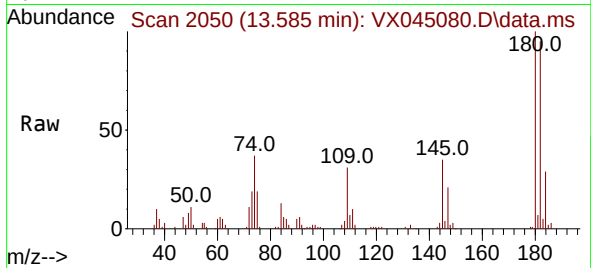
#93
1,2,4-Trichlorobenzene
Concen: 19.684 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:180 Resp: 2824
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 33.1 16.3 48.9

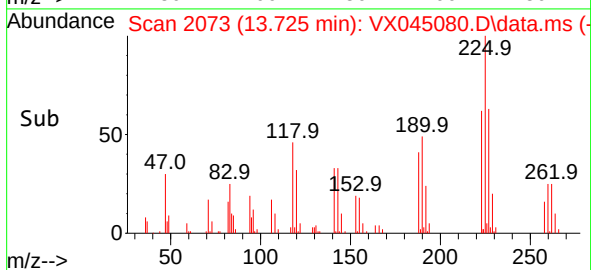
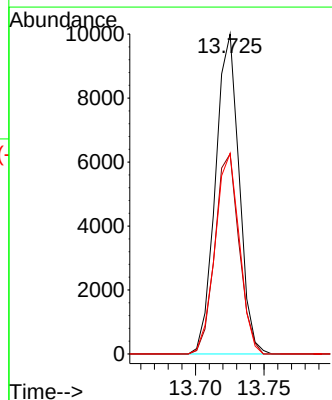
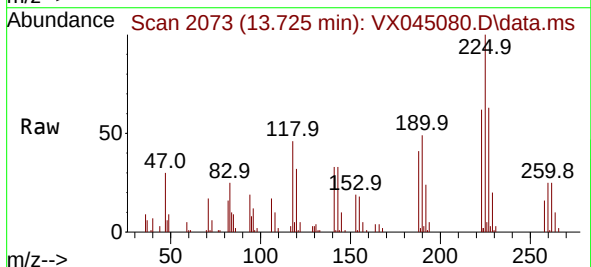
Manual Integrations
APPROVED

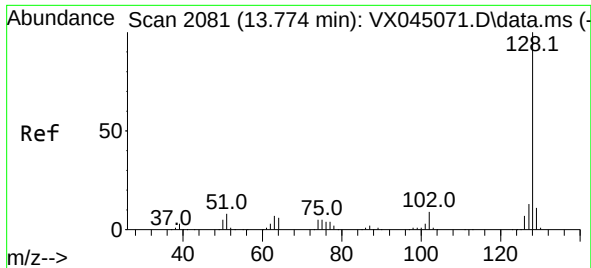
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#94
Hexachlorobutadiene
Concen: 20.362 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

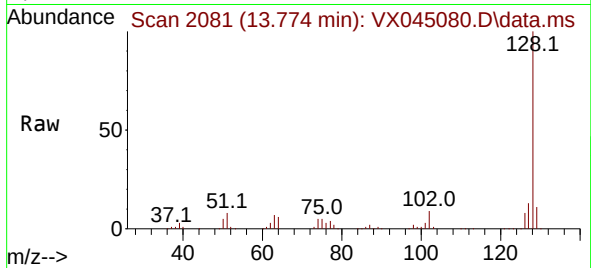
Tgt Ion:225 Resp: 11980
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.7
227 64.4 31.4 94.0





#95
Naphthalene
Concen: 19.237 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46

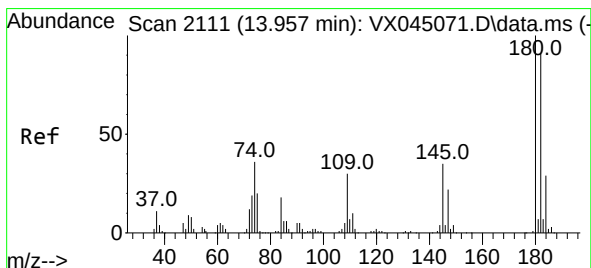
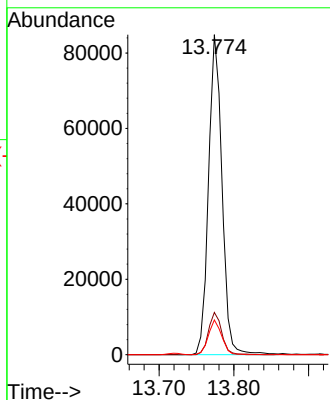
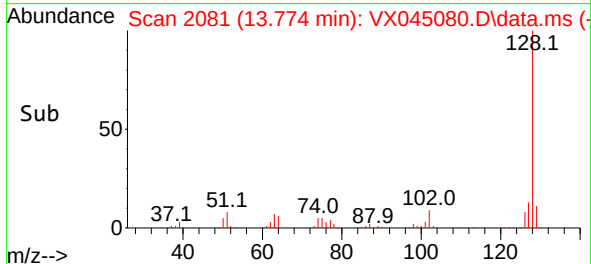
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



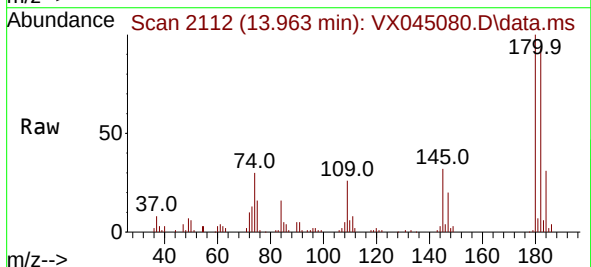
Tgt Ion:128 Resp: 10606
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.855 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045080.D
Acq: 28 Feb 2025 11:46



Tgt Ion:180 Resp: 30059
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 34.9 17.0 50.9

