

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045260.D
 Acq On : 13 Mar 2025 11:38
 Operator : JC/MD
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2025
 Supervised By : Mahesh Dadoda 03/17/2025

Quant Time: Mar 14 12:27:09 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	5.549	168	97410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82488	53.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.480%			
35) Dibromofluoromethane	5.379	113	62822	53.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.700%			
50) Toluene-d8	8.646	98	219736	51.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	76284	54.430	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21635	17.645	ug/l	99
3) Chloromethane	1.306	50	25100	16.727	ug/l	95
4) Vinyl Chloride	1.373	62	24105	16.193	ug/l	94
5) Bromomethane	1.593	94	10669	18.232	ug/l	95
6) Chloroethane	1.666	64	13625	19.844	ug/l	95
7) Trichlorofluoromethane	1.873	101	35774	18.154	ug/l	99
8) Diethyl Ether	2.129	74	12929	16.774	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	22467	19.845	ug/l	98
10) Methyl Iodide	2.440	142	26042	18.406	ug/l	96
11) Tert butyl alcohol	2.977	59	22163	75.515	ug/l	97
12) 1,1-Dichloroethene	2.312	96	21354	17.840	ug/l	100
13) Acrolein	2.233	56	20426	60.206	ug/l	99
14) Allyl chloride	2.660	41	41286	19.377	ug/l	99
15) Acrylonitrile	3.062	53	75169	95.563	ug/l	100
16) Acetone	2.385	43	70410	97.942	ug/l	100
17) Carbon Disulfide	2.501	76	47976	15.049	ug/l	97
18) Methyl Acetate	2.702	43	37996	21.970	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	74396	18.526	ug/l	99
20) Methylene Chloride	2.782	84	26180	18.384	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	21431	18.123	ug/l	96
22) Diisopropyl ether	3.757	45	83408	19.249	ug/l #	81
23) Vinyl Acetate	3.721	43	338596	93.636	ug/l	98
24) 1,1-Dichloroethane	3.605	63	45359	18.678	ug/l	99
25) 2-Butanone	4.562	43	106239	98.177	ug/l	98
26) 2,2-Dichloropropane	4.470	77	29896	26.246	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	27400	18.770	ug/l	96
28) Bromochloromethane	4.897	49	24655	21.300	ug/l	98
29) Tetrahydrofuran	5.007	42	66201	91.099	ug/l	100
30) Chloroform	5.086	83	46538	19.287	ug/l	99
31) Cyclohexane	5.458	56	38761	18.387	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	36612	18.786	ug/l	98
36) 1,1-Dichloropropene	5.690	75	30345	18.967	ug/l	100
37) Ethyl Acetate	4.720	43	38116	18.489	ug/l	99
38) Carbon Tetrachloride	5.671	117	30420	18.728	ug/l	98
39) Methylcyclohexane	7.378	83	37053	19.328	ug/l	96
40) Benzene	6.031	78	94123	18.630	ug/l	98

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 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)
41) Methacrylonitrile	4.922	41	21833	19.586	ug/l	96
42) 1,2-Dichloroethane	6.086	62	36032	19.806	ug/l	99
43) Isopropyl Acetate	6.342	43	58378	19.150	ug/l	99
44) Trichloroethene	7.122	130	22034	18.574	ug/l	93
45) 1,2-Dichloropropane	7.427	63	25053	19.287	ug/l	98
46) Dibromomethane	7.580	93	17928	19.527	ug/l	98
47) Bromodichloromethane	7.817	83	35544	19.737	ug/l	98
48) Methyl methacrylate	7.695	41	29753	19.454	ug/l	96
49) 1,4-Dioxane	7.665	88	10526	326.274	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	205355	100.325	ug/l	99
52) Toluene	8.714	92	58253	19.652	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29128	19.347	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	33982	19.356	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	23865	19.557	ug/l	98
56) Ethyl methacrylate	9.116	69	36370	19.607	ug/l	98
57) 1,3-Dichloropropane	9.305	76	41395	19.602	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	86829	95.960	ug/l	99
59) 2-Hexanone	9.427	43	147804	99.661	ug/l	99
60) Dibromochloromethane	9.518	129	24674	19.338	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23735	19.483	ug/l	98
64) Tetrachloroethene	9.268	164	19047	19.342	ug/l	95
65) Chlorobenzene	10.079	112	62379	19.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	20344	18.776	ug/l	98
67) Ethyl Benzene	10.189	91	108318	19.107	ug/l	99
68) m/p-Xylenes	10.299	106	81139	39.097	ug/l	97
69) o-Xylene	10.640	106	39791	19.011	ug/l	96
70) Styrene	10.652	104	67344	19.885	ug/l	99
71) Bromoform	10.799	173	14973	18.326	ug/l #	99
73) Isopropylbenzene	10.963	105	106368	19.989	ug/l	98
74) N-amyl acetate	10.841	43	46854	18.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37599	19.255	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	29840m	18.805	ug/l	
77) Bromobenzene	11.195	156	24033	19.142	ug/l	99
78) n-propylbenzene	11.305	91	120022	19.967	ug/l	100
79) 2-Chlorotoluene	11.359	91	75127	19.625	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	86221	20.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8442	18.207	ug/l	86
82) 4-Chlorotoluene	11.451	91	82758	19.835	ug/l	99
83) tert-Butylbenzene	11.713	119	85652	19.375	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	86535	19.988	ug/l	100
85) sec-Butylbenzene	11.890	105	108147	20.422	ug/l	98
86) p-Isopropyltoluene	12.006	119	86107	20.120	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	42798	19.108	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	42258	18.649	ug/l	97
89) n-Butylbenzene	12.329	91	74631	20.248	ug/l	99
90) Hexachloroethane	12.536	117	14411	18.617	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	42544	18.935	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	6994	18.385	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	22724	17.762	ug/l	99
94) Hexachlorobutadiene	13.725	225	10078	19.214	ug/l	97
95) Naphthalene	13.774	128	87220	17.744	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24211	17.939	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

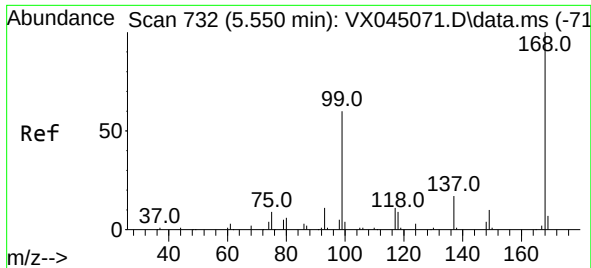
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/17/2025

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

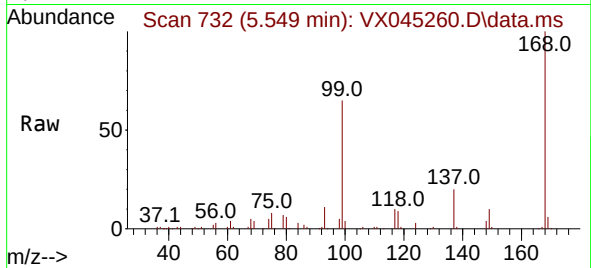
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

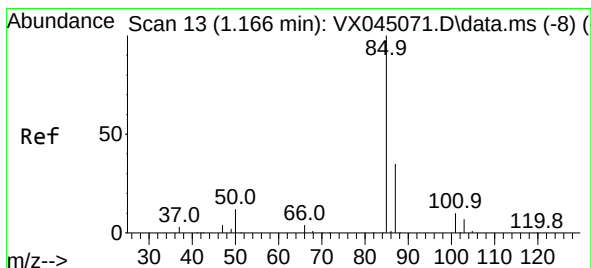
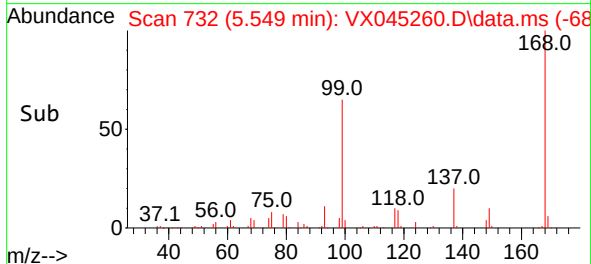
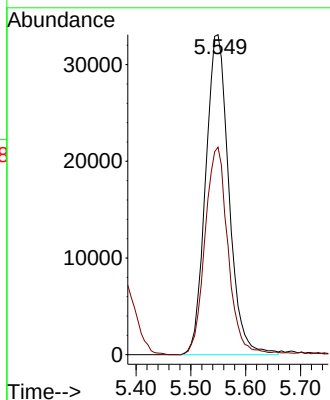
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion:168 Resp: 97410
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4

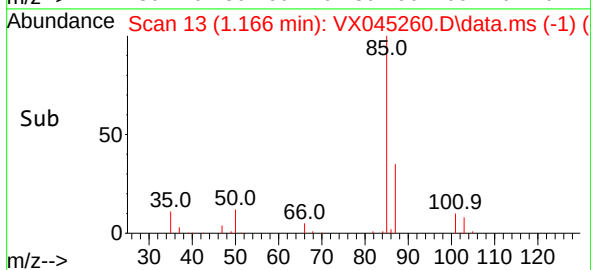
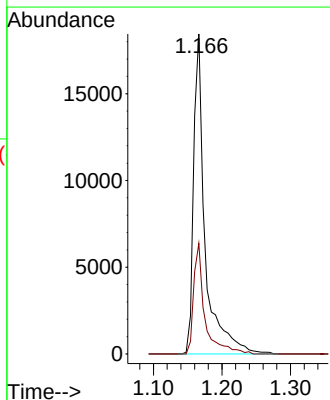
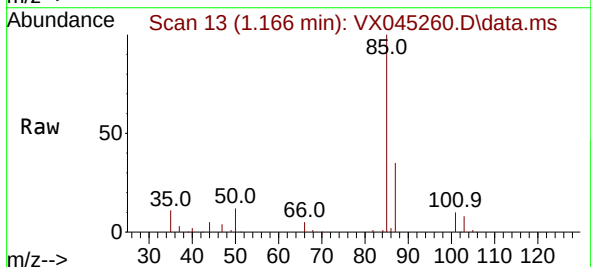
Manual Integrations
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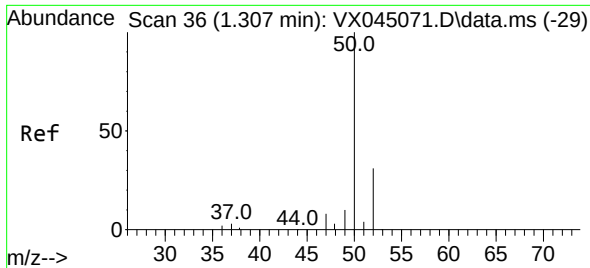
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#2
Dichlorodifluoromethane
Concen: 17.645 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

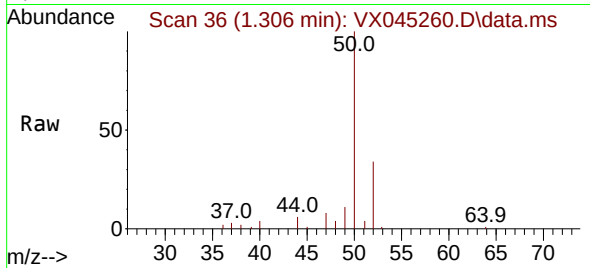
Tgt Ion: 85 Resp: 21635
Ion Ratio Lower Upper
85 100
87 34.5 17.4 52.3





#3
Chloromethane
Concen: 16.727 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

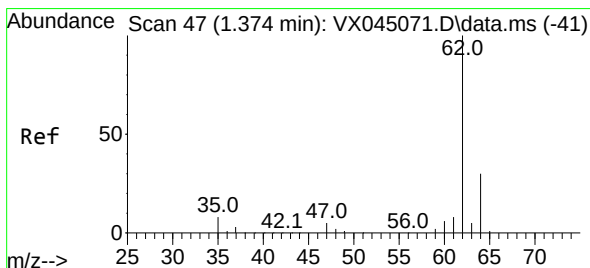
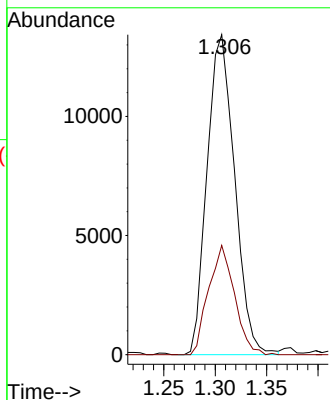
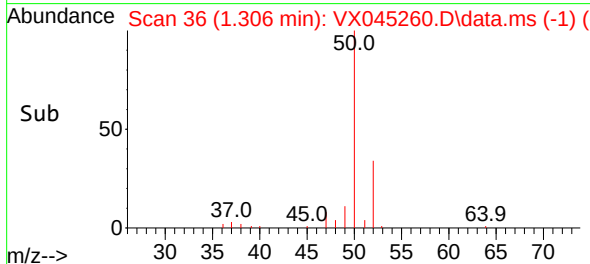
Instrument :
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ClientSampleId :
VX0313WBS01



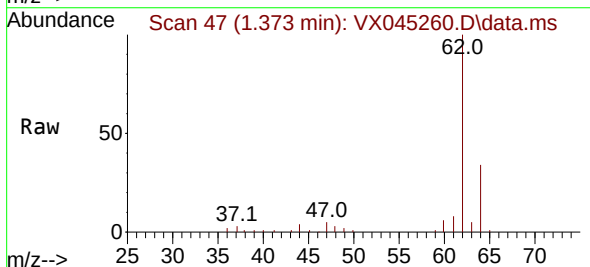
Tgt Ion: 50 Resp: 25100
Ion Ratio Lower Upper
50 100
52 34.1 25.0 37.4

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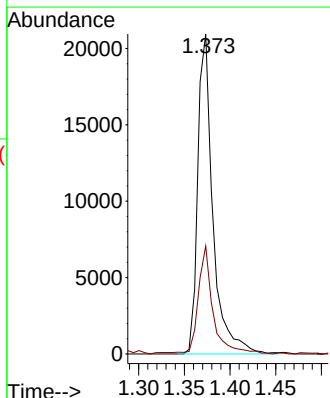
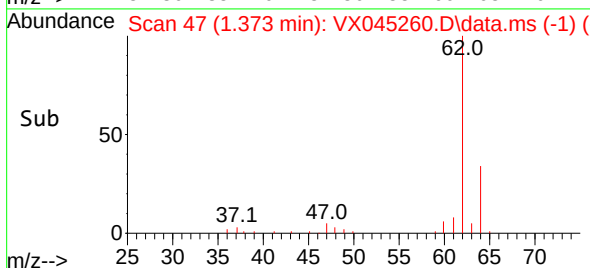
Reviewed By :John Carlone 03/14/2025
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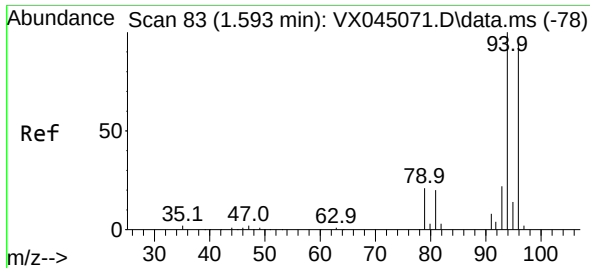


#4
Vinyl Chloride
Concen: 16.193 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



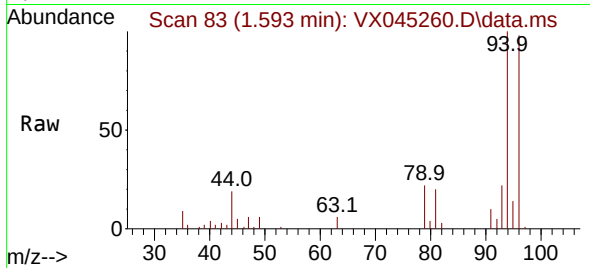
Tgt Ion: 62 Resp: 24105
Ion Ratio Lower Upper
62 100
64 33.4 24.3 36.5





#5
Bromomethane
Concen: 18.232 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

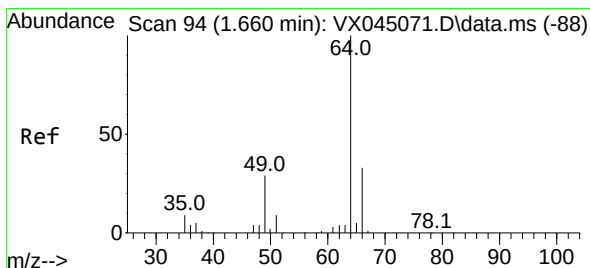
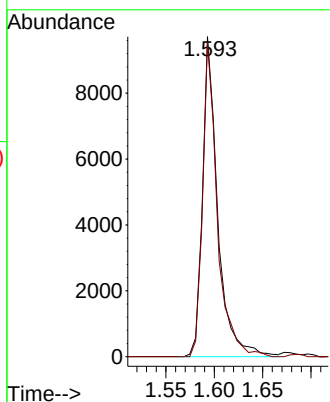
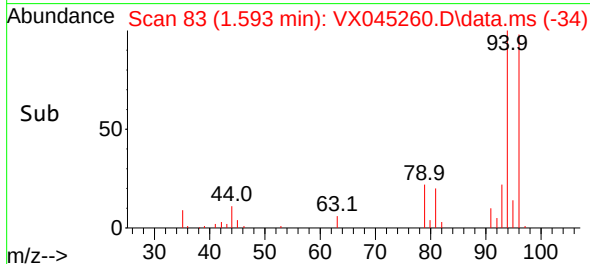
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 10669
Ion Ratio Lower Upper
94 100
96 98.3 75.0 112.4

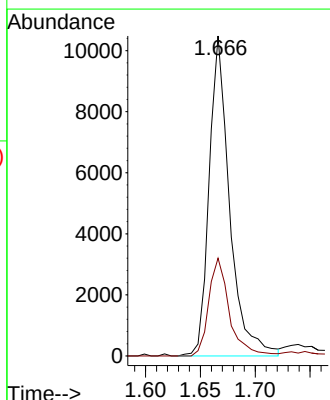
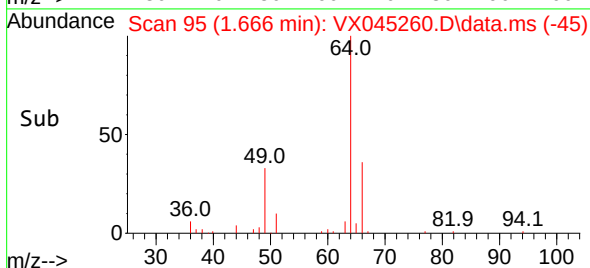
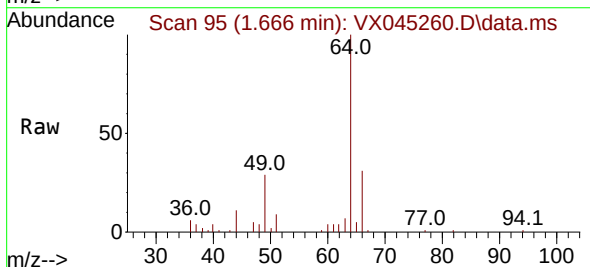
Manual Integrations
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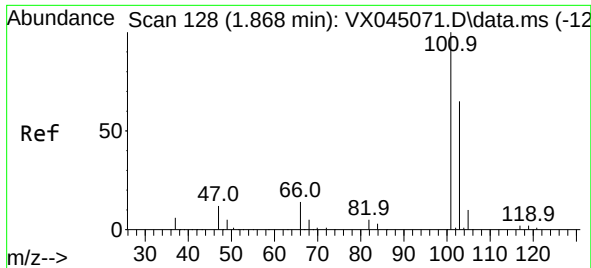
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#6
Chloroethane
Concen: 19.844 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

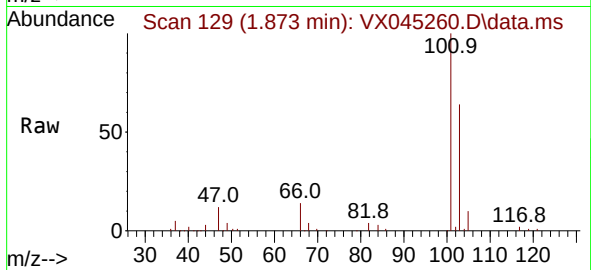
Tgt Ion: 64 Resp: 13625
Ion Ratio Lower Upper
64 100
66 30.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 18.154 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

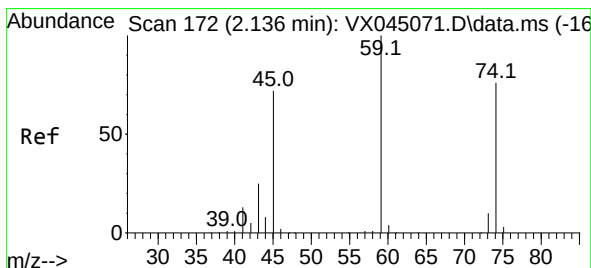
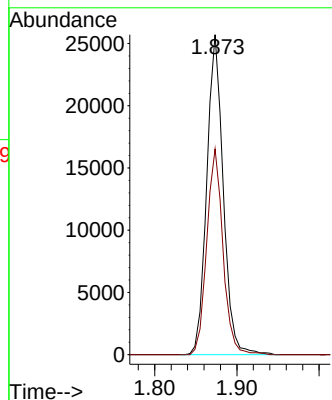
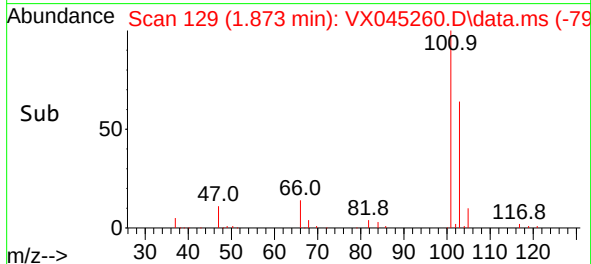
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



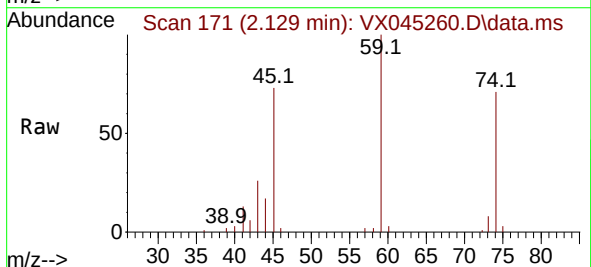
Tgt Ion:101 Resp: 35774
Ion Ratio Lower Upper
101 100
103 64.3 52.1 78.1

Manual Integrations
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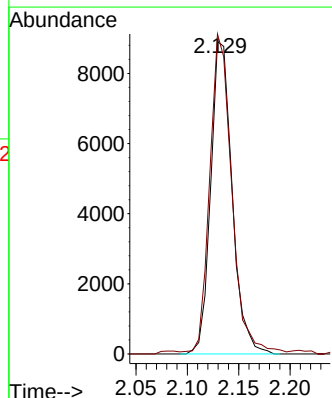
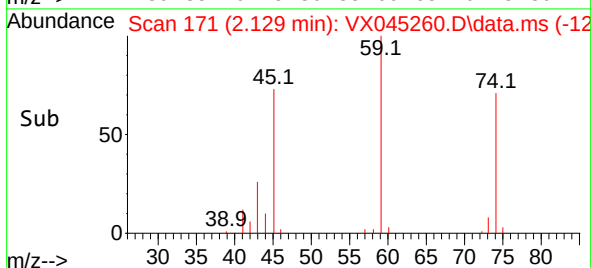
Reviewed By :John Carlone 03/14/2025
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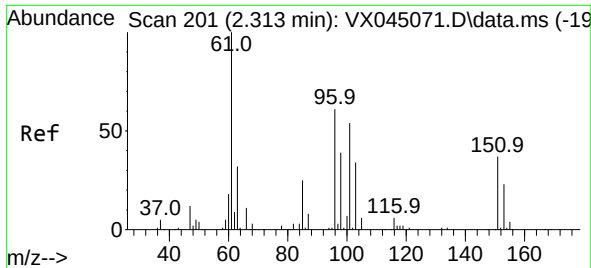


#8
Diethyl Ether
Concen: 16.774 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



Tgt Ion: 74 Resp: 12929
Ion Ratio Lower Upper
74 100
45 102.8 51.5 154.5





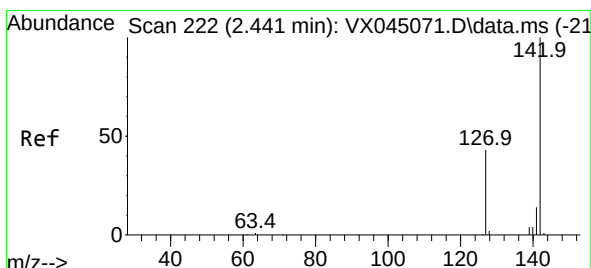
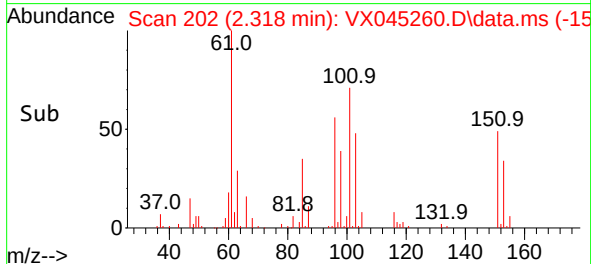
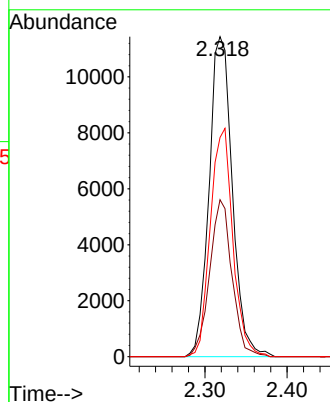
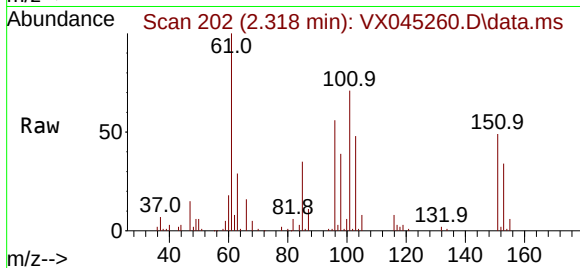
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.845 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
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VX0313WBS01

Tgt Ion:101 Resp: 2246
Ion Ratio Lower Upper
101 100
85 47.0 36.2 54.4
151 69.3 56.4 84.6

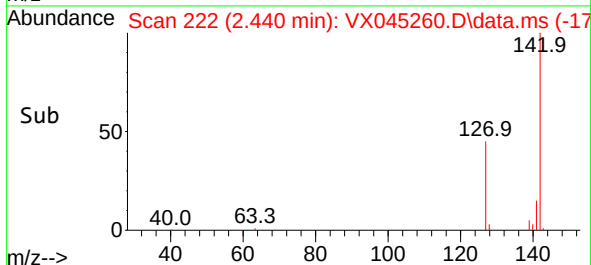
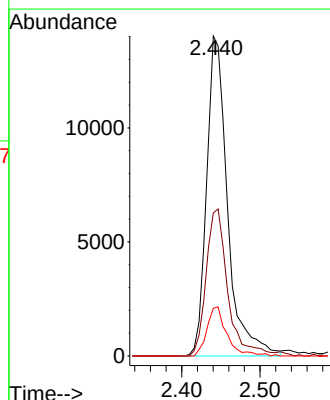
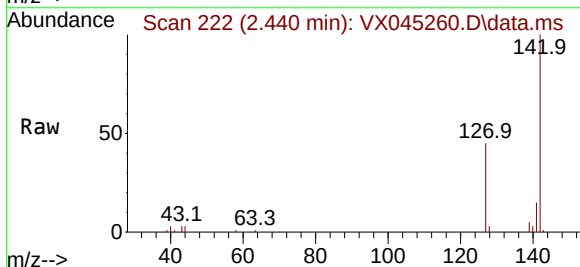
Manual Integrations
APPROVED

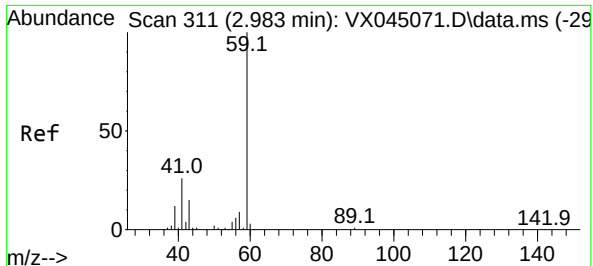
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#10
Methyl Iodide
Concen: 18.406 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Tgt Ion:142 Resp: 26042
Ion Ratio Lower Upper
142 100
127 47.9 35.4 53.2
141 14.6 11.6 17.4





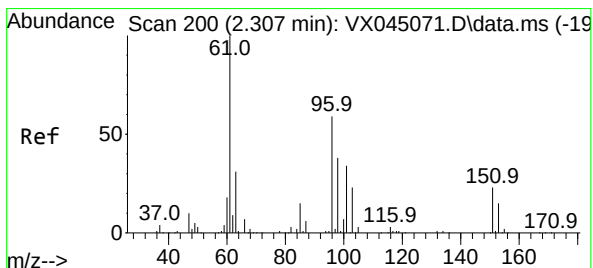
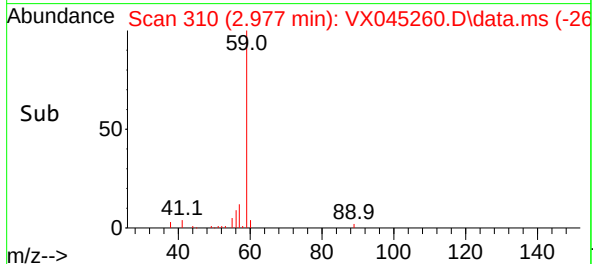
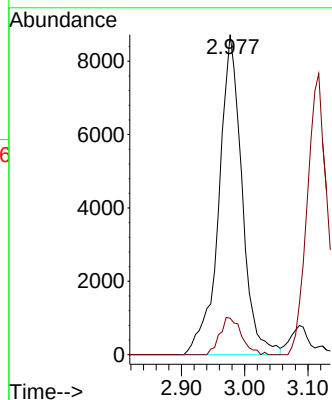
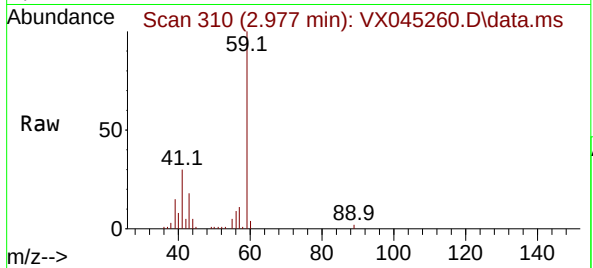
#11
Tert butyl alcohol
Concen: 75.515 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tgt Ion: 59 Resp: 2216
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.8

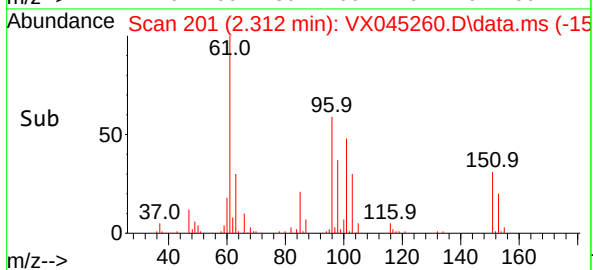
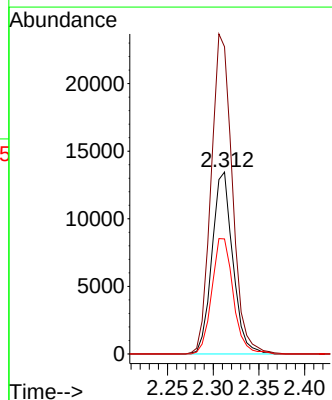
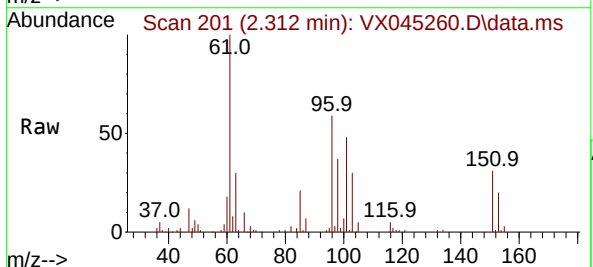
Manual Integrations
APPROVED

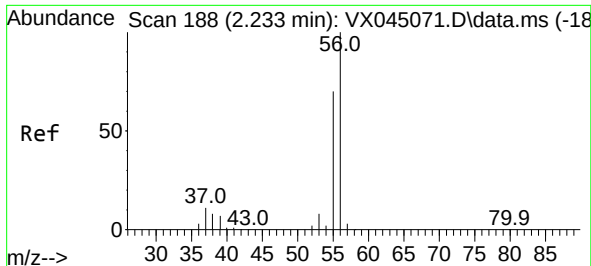
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#12
1,1-Dichloroethene
Concen: 17.840 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

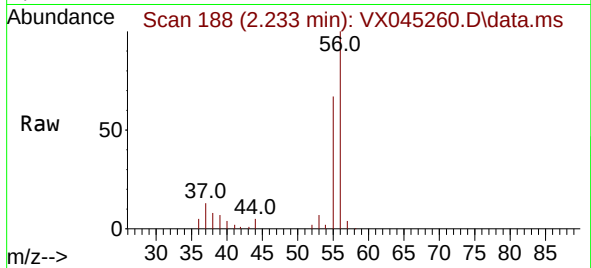
Tgt Ion: 96 Resp: 21354
Ion Ratio Lower Upper
96 100
61 168.9 134.6 202.0
98 63.3 51.0 76.6





#13
Acrolein
Concen: 60.206 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

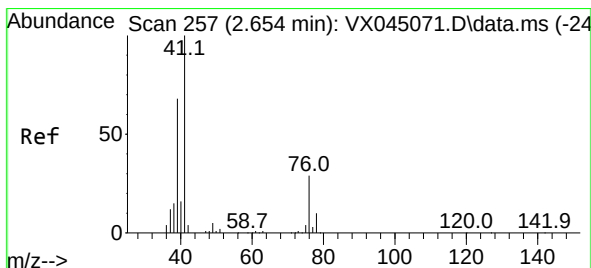
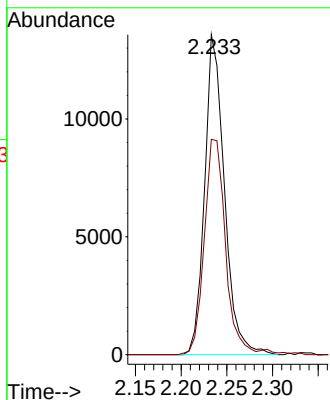
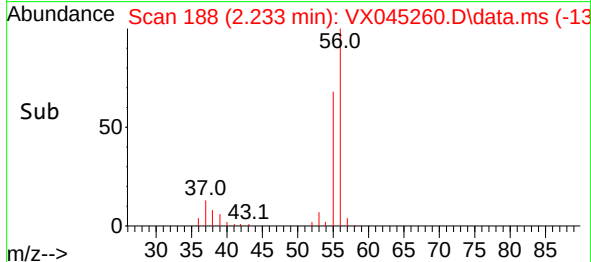
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion: 56 Resp: 20420
Ion Ratio Lower Upper
56 100
55 71.5 56.2 84.4

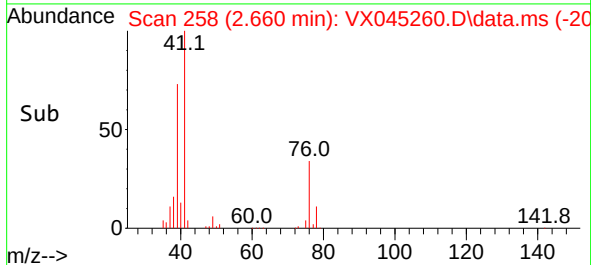
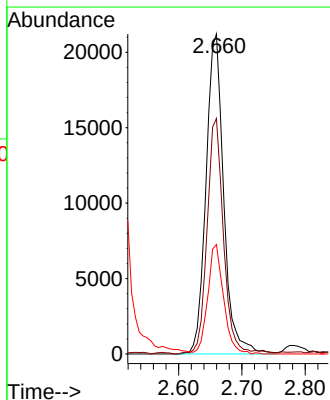
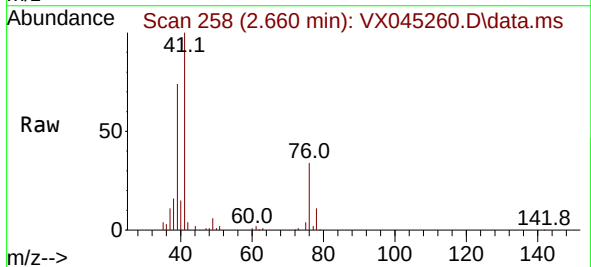
Manual Integrations
APPROVED

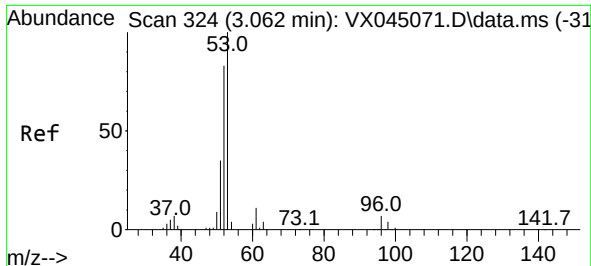
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#14
Allyl chloride
Concen: 19.377 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

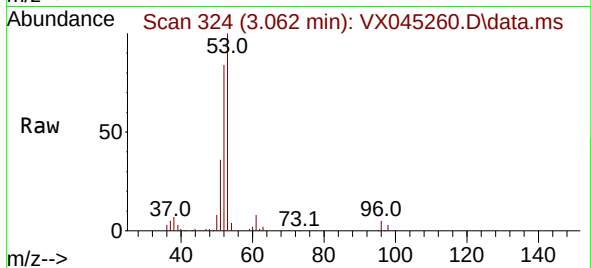
Tgt Ion: 41 Resp: 41286
Ion Ratio Lower Upper
41 100
39 68.4 53.8 80.8
76 30.6 25.2 37.8





#15
Acrylonitrile
Concen: 95.563 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

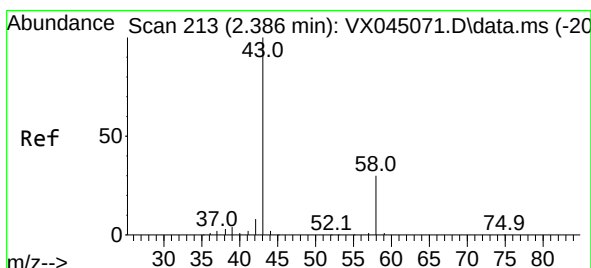
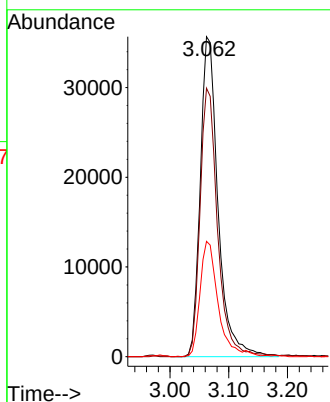
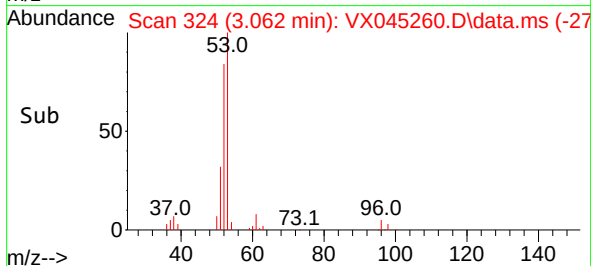
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



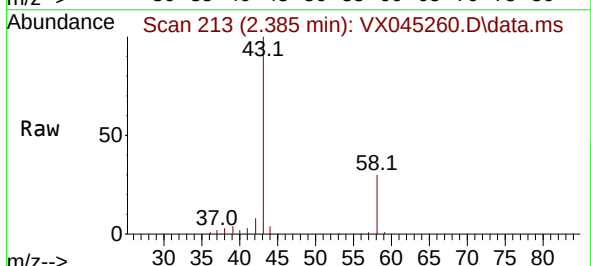
Tgt Ion: 53 Resp: 75169
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 37.1 29.0 43.4

Manual Integrations
APPROVED

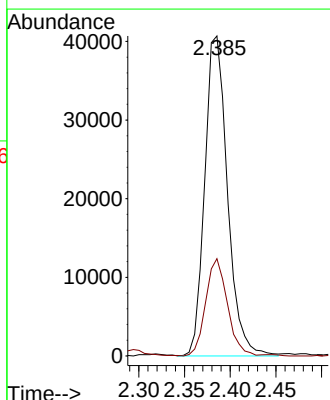
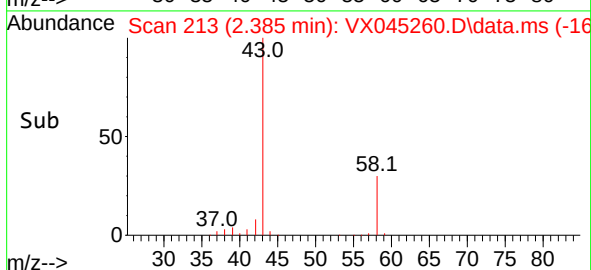
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

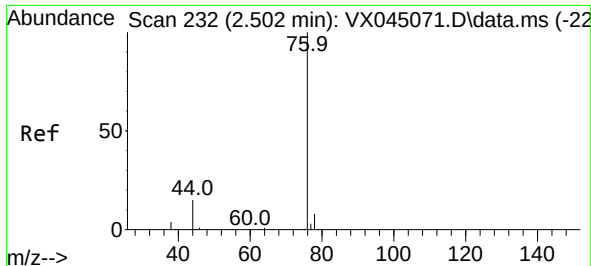


#16
Acetone
Concen: 97.942 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



Tgt Ion: 43 Resp: 70410
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.4





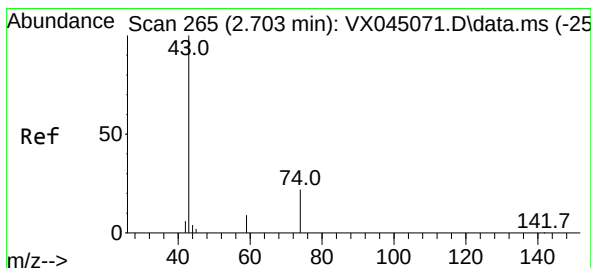
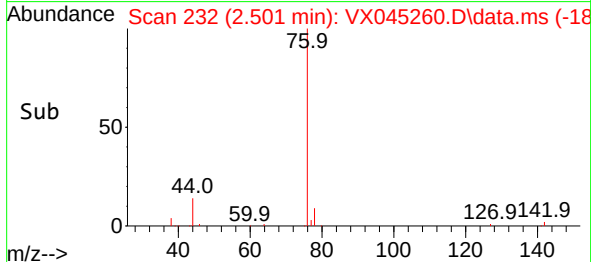
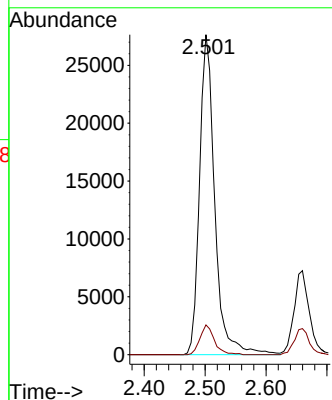
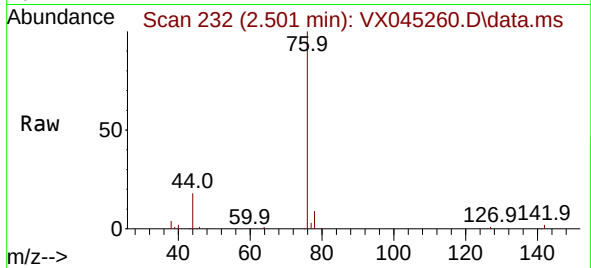
#17
Carbon Disulfide
Concen: 15.049 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tgt Ion: 76 Resp: 47970
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8

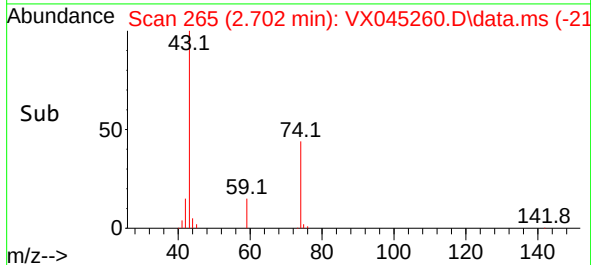
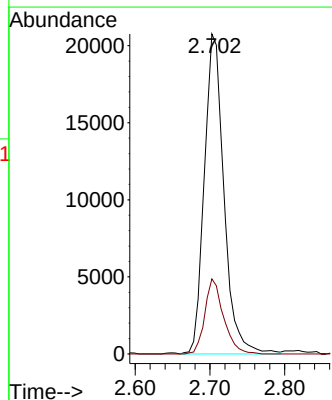
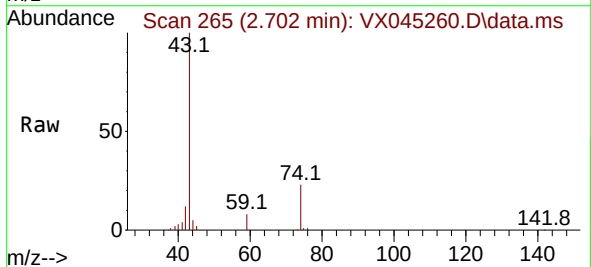
Manual Integrations
APPROVED

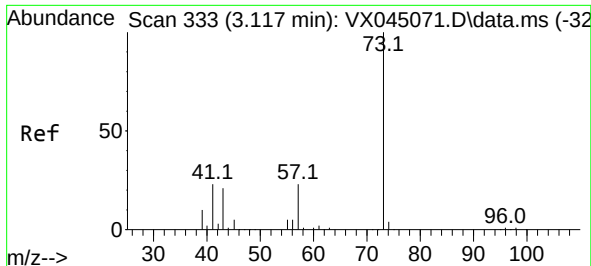
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#18
Methyl Acetate
Concen: 21.970 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Tgt Ion: 43 Resp: 37996
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.2





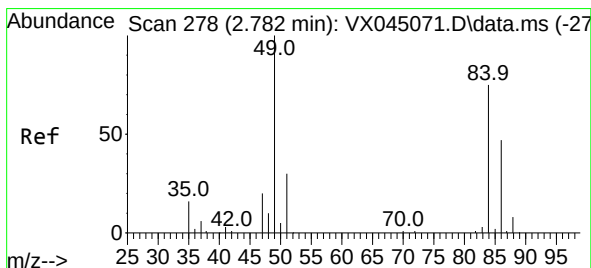
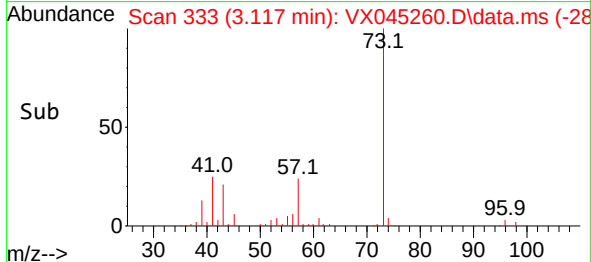
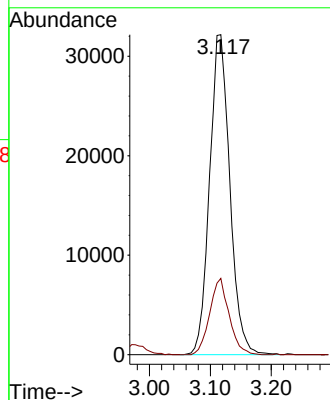
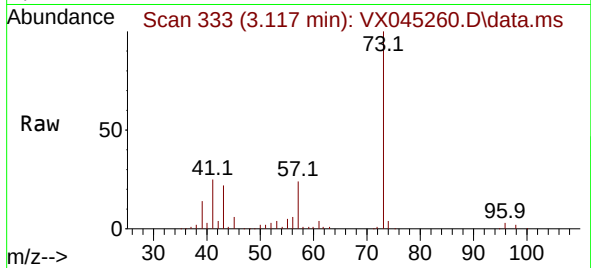
#19
Methyl tert-butyl Ether
Concen: 18.526 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tgt Ion: 73 Resp: 74390
Ion Ratio Lower Upper
73 100
57 23.8 18.5 27.7

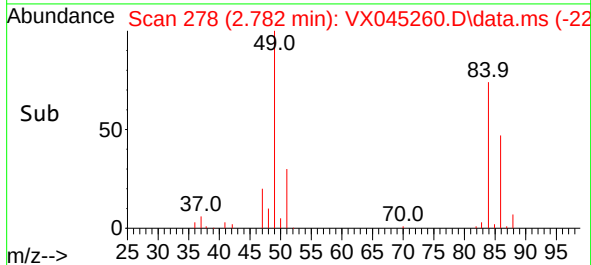
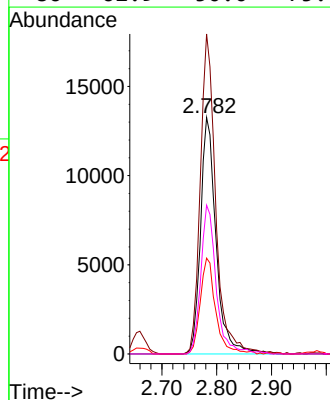
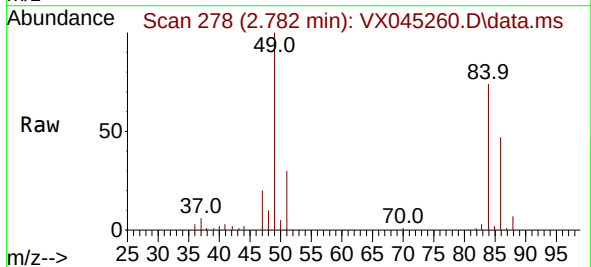
Manual Integrations
APPROVED

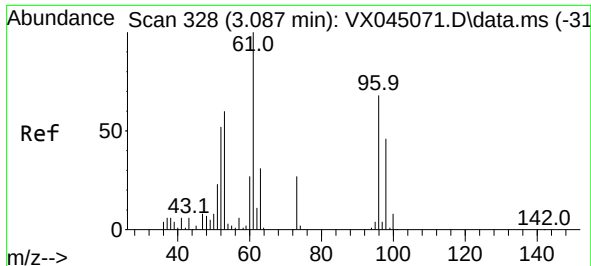
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#20
Methylene Chloride
Concen: 18.384 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Tgt Ion: 84 Resp: 26180
Ion Ratio Lower Upper
84 100
49 135.3 106.5 159.7
51 40.5 32.1 48.1
86 62.9 50.0 75.0





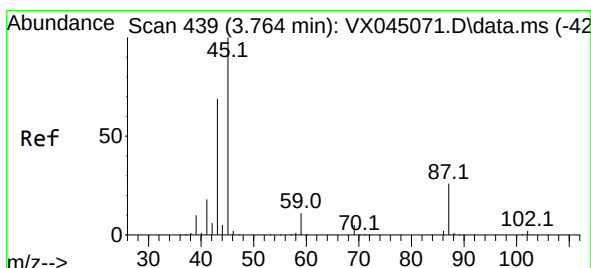
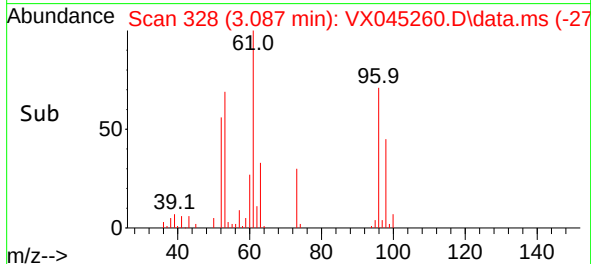
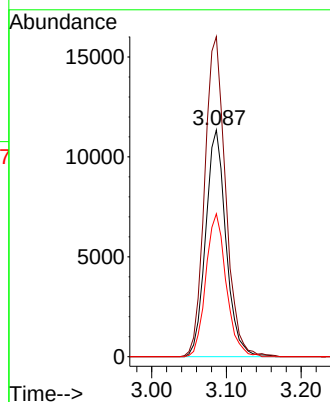
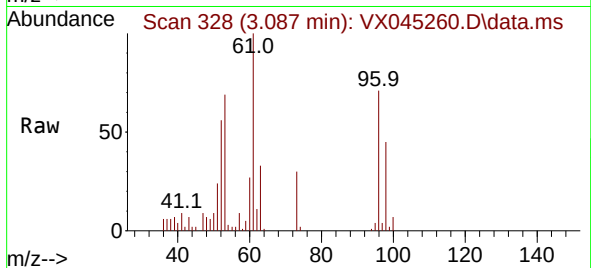
#21
trans-1,2-Dichloroethene
Concen: 18.123 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tgt Ion: 96 Resp: 2143
Ion Ratio Lower Upper
96 100
61 141.2 117.0 175.4
98 63.1 53.4 80.2

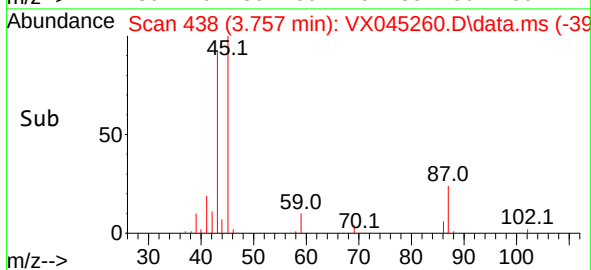
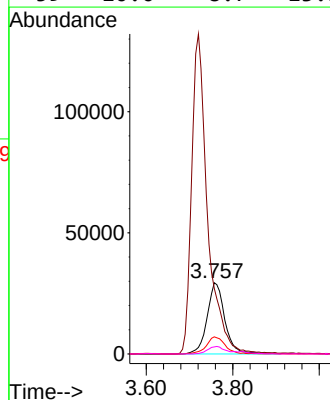
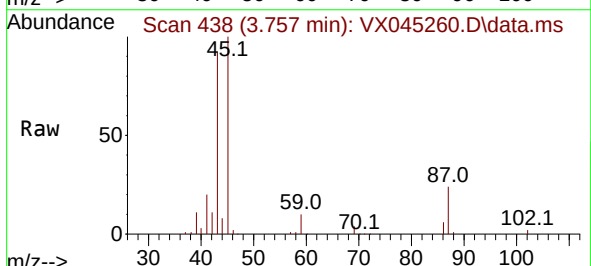
Manual Integrations
APPROVED

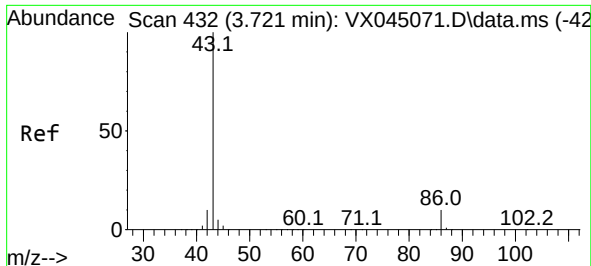
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#22
Diisopropyl ether
Concen: 19.249 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

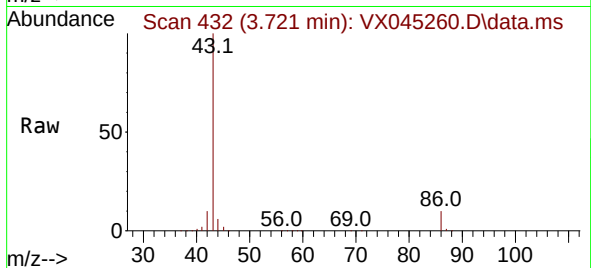
Tgt Ion: 45 Resp: 83408
Ion Ratio Lower Upper
45 100
43 91.2 54.9 82.3#
87 24.1 21.0 31.4
59 10.0 8.7 13.1





#23
 Vinyl Acetate
 Concen: 93.636 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX045260.D
 Acq: 13 Mar 2025 11:38

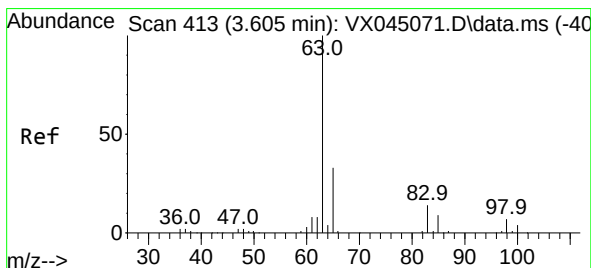
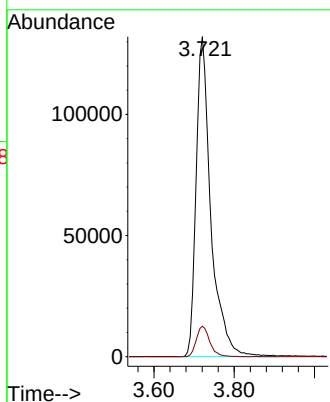
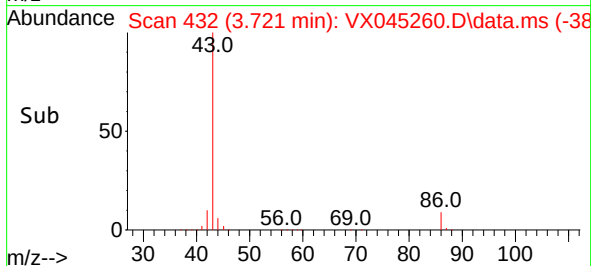
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01



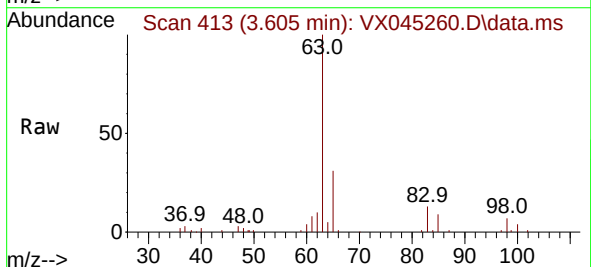
Tgt Ion: 43 Resp: 338590
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

Manual Integrations
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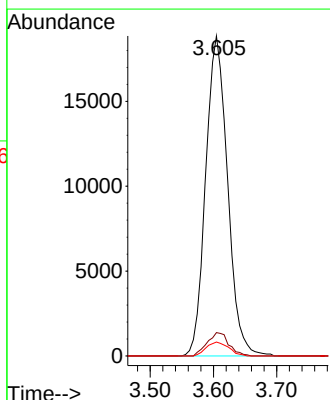
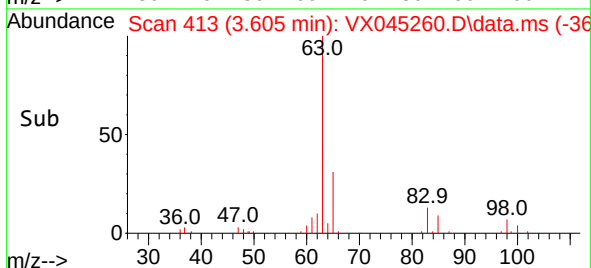
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025

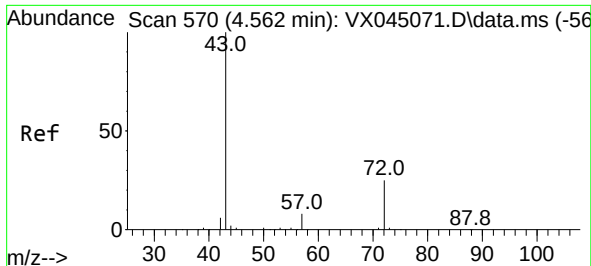


#24
 1,1-Dichloroethane
 Concen: 18.678 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045260.D
 Acq: 13 Mar 2025 11:38



Tgt Ion: 63 Resp: 45359
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.4 2.1 6.5





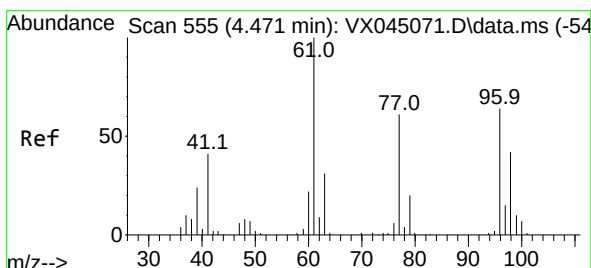
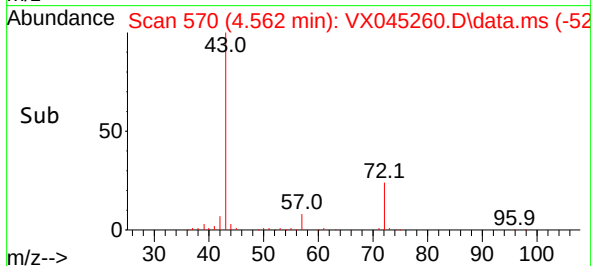
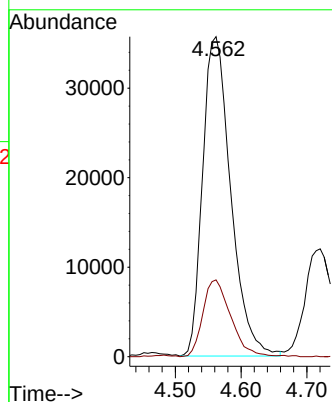
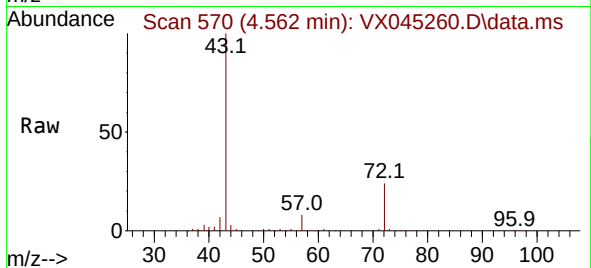
#25
2-Butanone
Concen: 98.177 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tgt Ion: 43 Resp: 106239
Ion Ratio Lower Upper
43 100
72 24.1 20.0 30.0

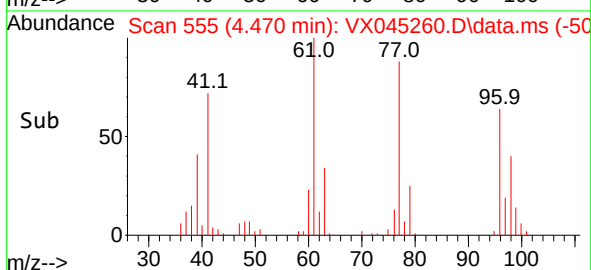
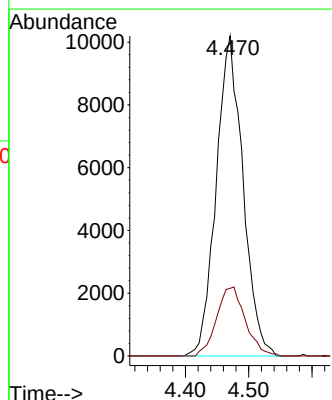
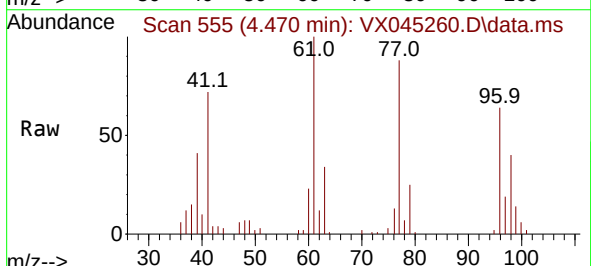
Manual Integrations
APPROVED

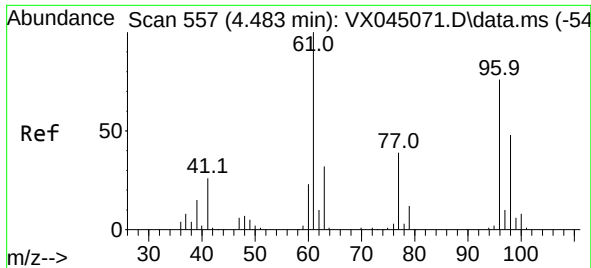
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#26
2,2-Dichloropropane
Concen: 26.246 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

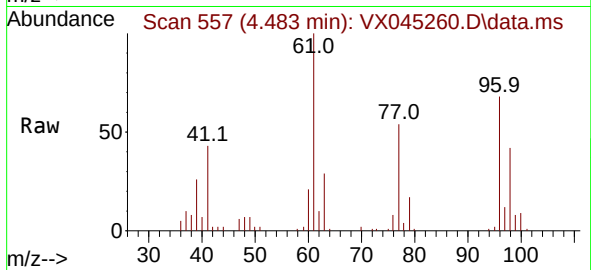
Tgt Ion: 77 Resp: 29896
Ion Ratio Lower Upper
77 100
97 23.1 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.770 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045260.D
 Acq: 13 Mar 2025 11:38

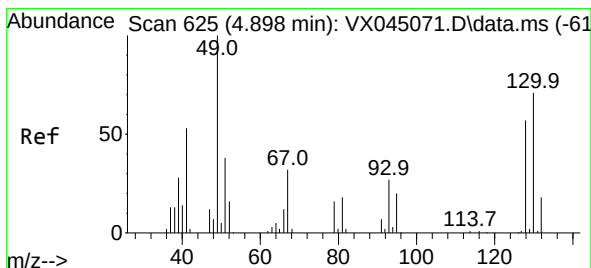
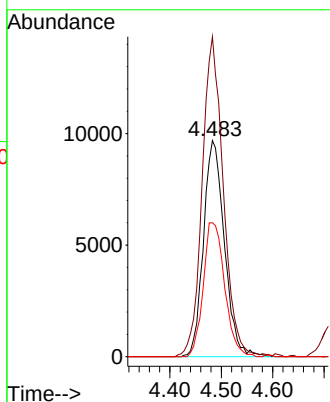
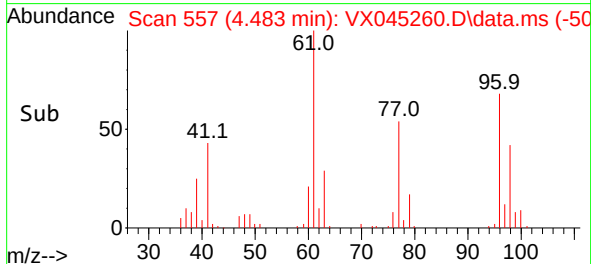
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01



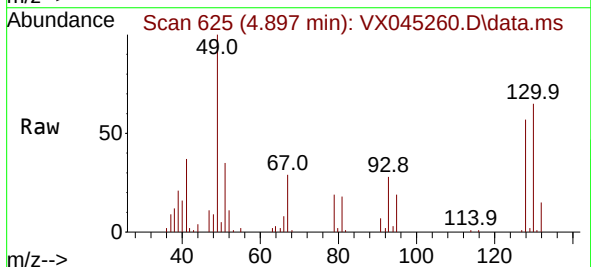
Tgt Ion: 96 Resp: 27400
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 283.2
 98 63.3 0.0 128.0

Manual Integrations
 APPROVED

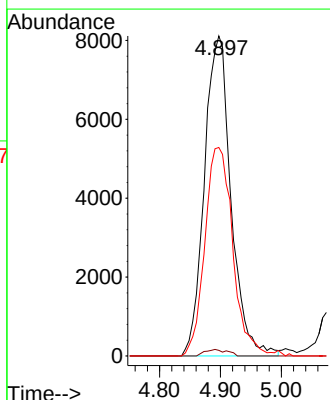
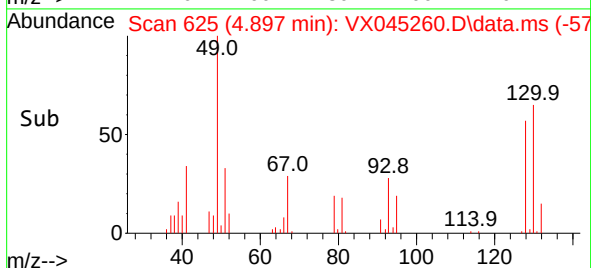
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025

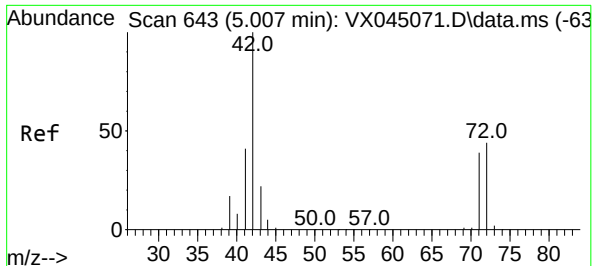


#28
 Bromochloromethane
 Concen: 21.300 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX045260.D
 Acq: 13 Mar 2025 11:38



Tgt Ion: 49 Resp: 24655
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 68.4 56.1 84.1





#29

Tetrahydrofuran

Concen: 91.099 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

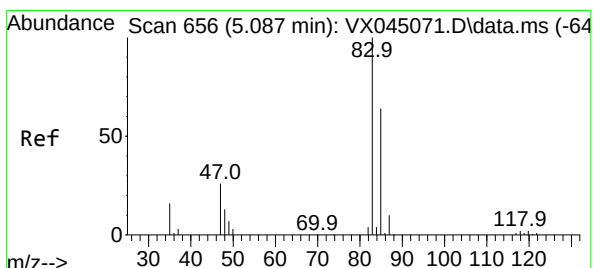
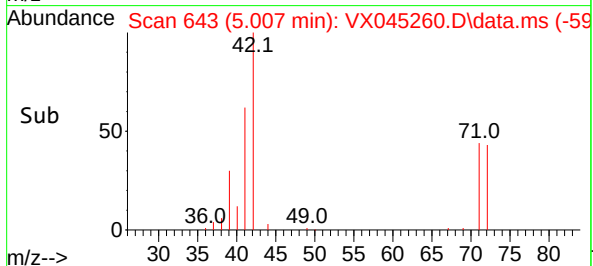
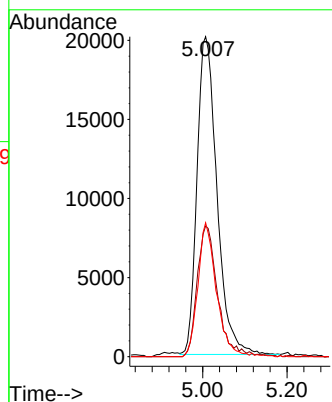
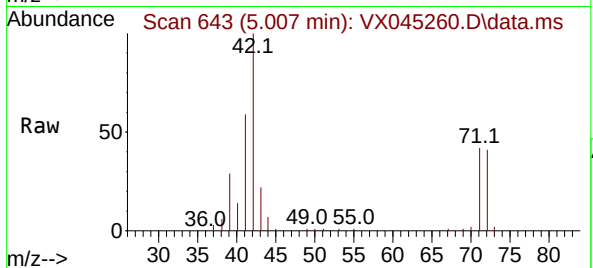
Tgt Ion:	42	Resp:	6620
Ion Ratio	Lower	Upper	
42	100		
72	42.3	34.1	51.1
71	39.0	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#30

Chloroform

Concen: 19.287 ug/l

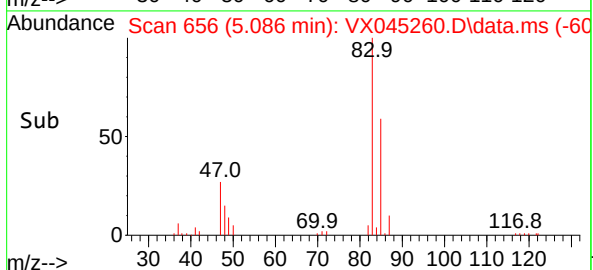
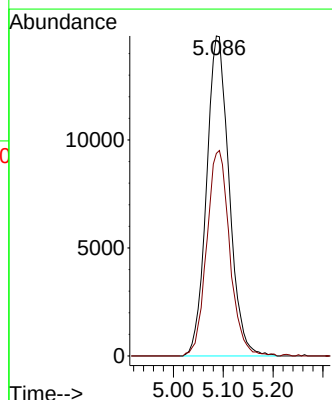
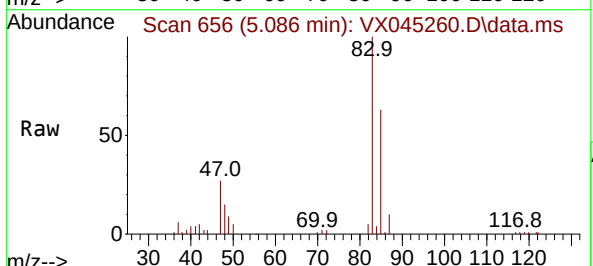
RT: 5.086 min Scan# 656

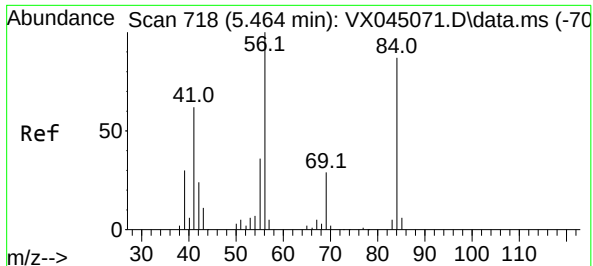
Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Tgt Ion:	83	Resp:	46538
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.4	77.2





#31

Cyclohexane

Concen: 18.387 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tgt Ion: 56 Resp: 3876

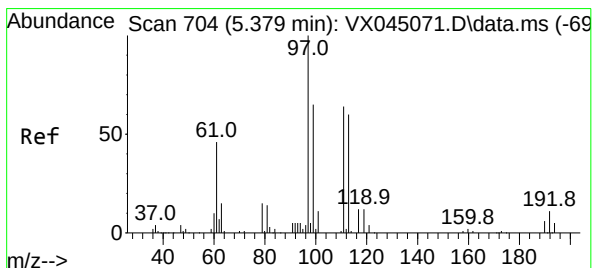
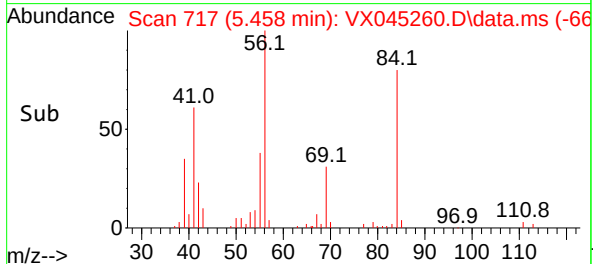
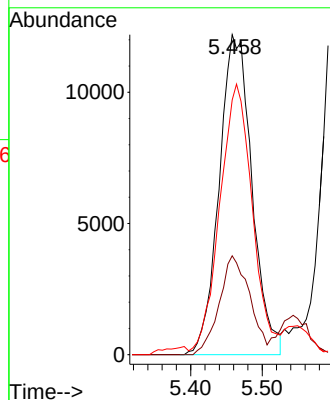
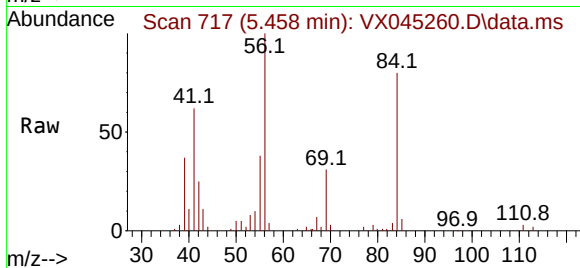
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.4	35.2
84	77.4	69.4	104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#32

1,1,1-Trichloroethane

Concen: 18.786 ug/l

RT: 5.373 min Scan# 703

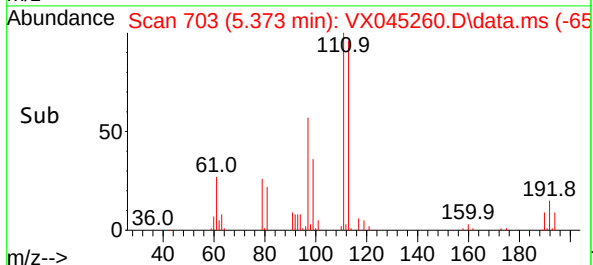
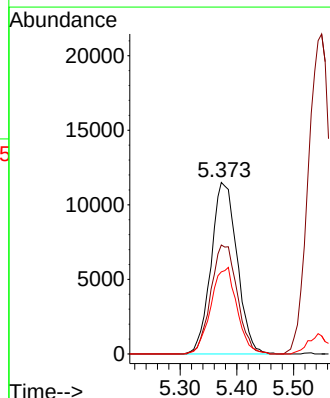
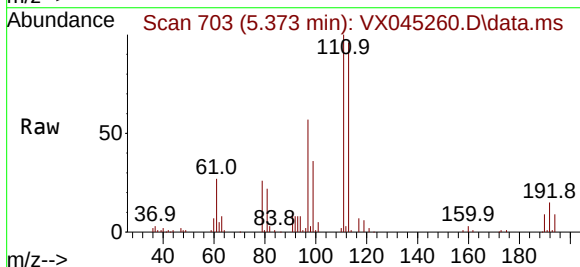
Delta R.T. -0.006 min

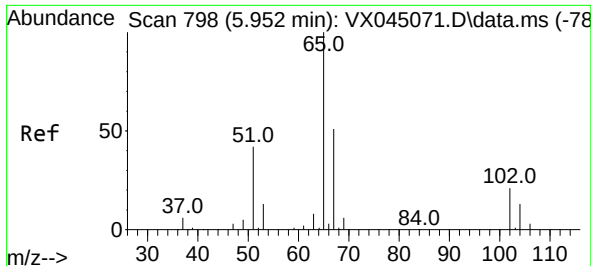
Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Tgt Ion: 97 Resp: 36612

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	50.5	38.4	57.6





#33

1,2-Dichloroethane-d4

Concen: 53.237 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tgt Ion: 65 Resp: 82488

Ion Ratio Lower Upper

65 100

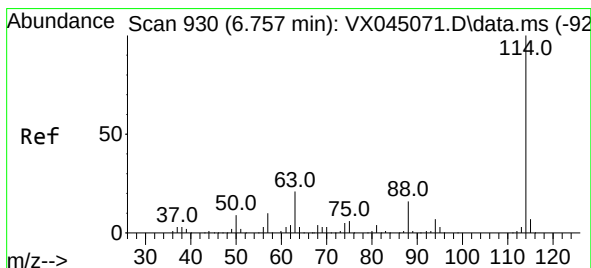
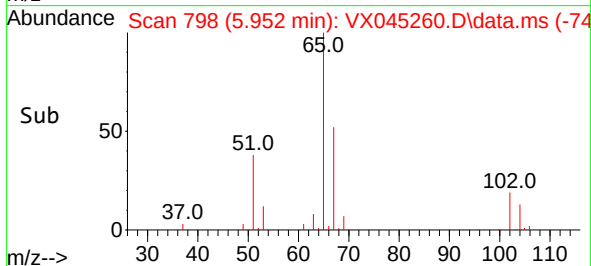
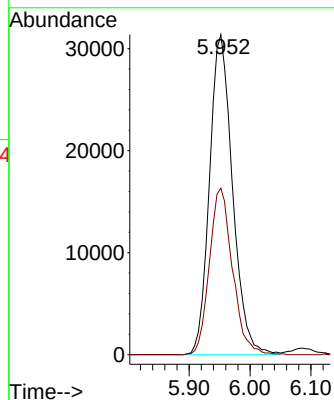
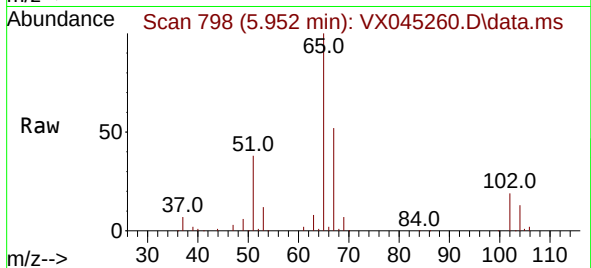
67 52.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

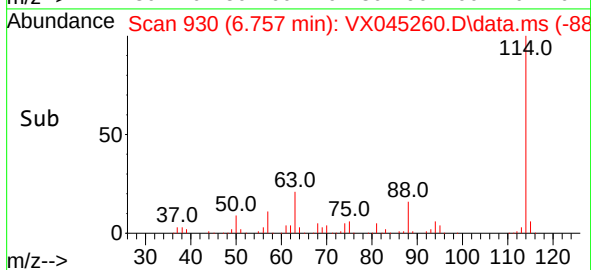
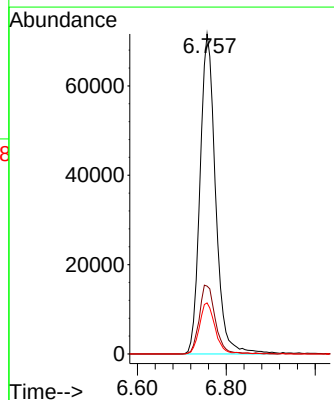
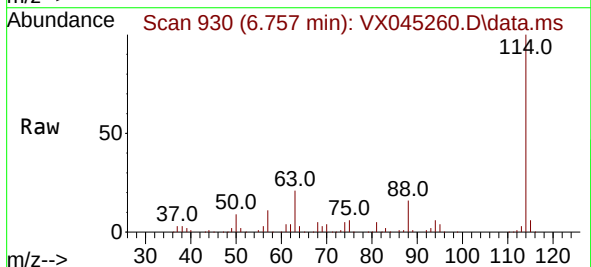
Tgt Ion:114 Resp: 174469

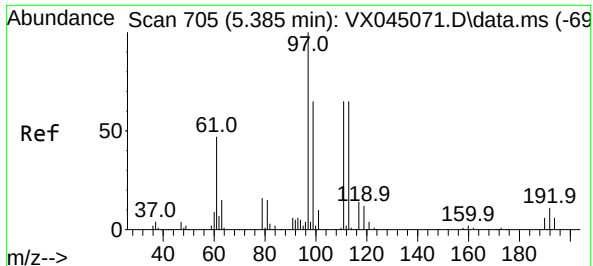
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

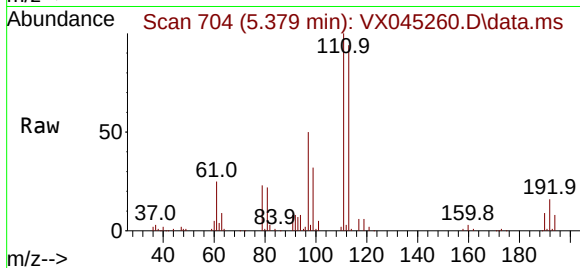
88 15.9 0.0 32.8





#35
Dibromofluoromethane
Concen: 53.849 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

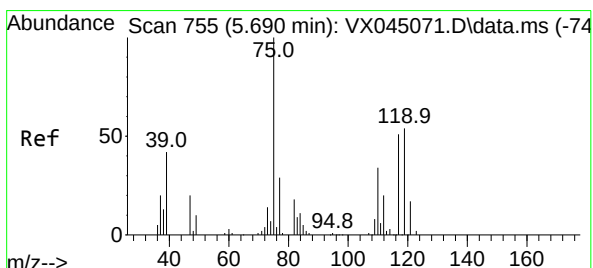
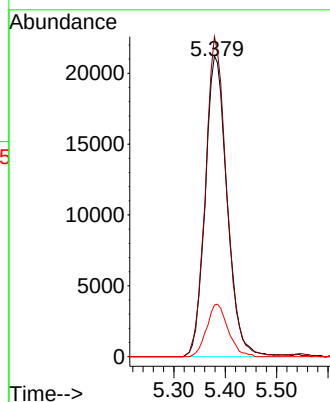
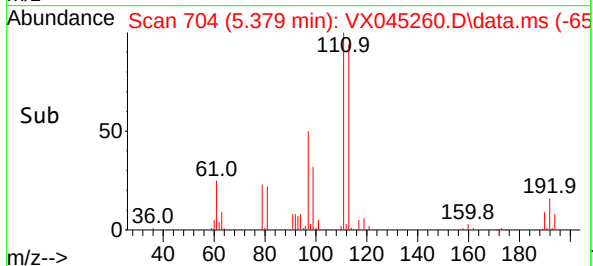
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion: 113 Resp: 6282
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.0 14.3 21.5

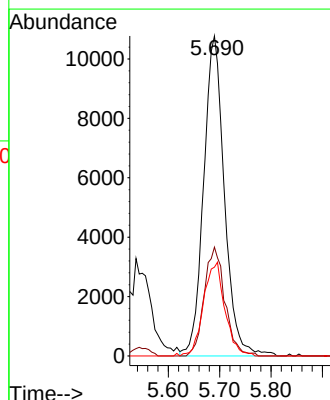
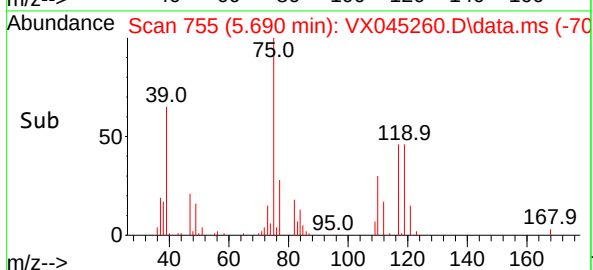
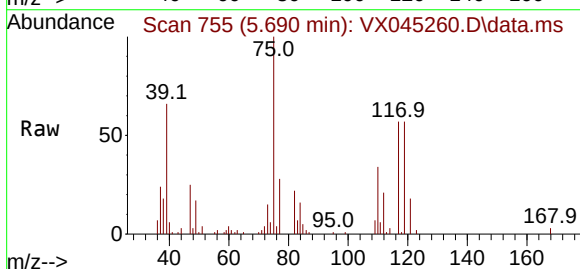
Manual Integrations
APPROVED

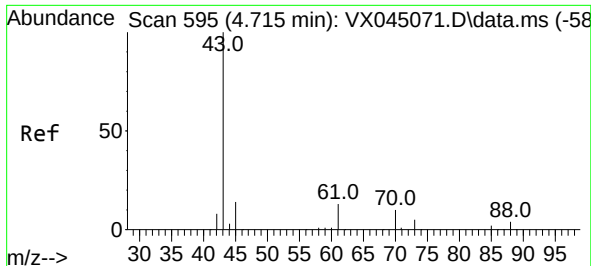
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#36
1,1-Dichloropropene
Concen: 18.967 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Tgt Ion: 75 Resp: 30345
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.6
77 30.2 24.5 36.7





#37

Ethyl Acetate

Concen: 18.489 ug/l

RT: 4.720 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tgt Ion: 43 Resp: 38110

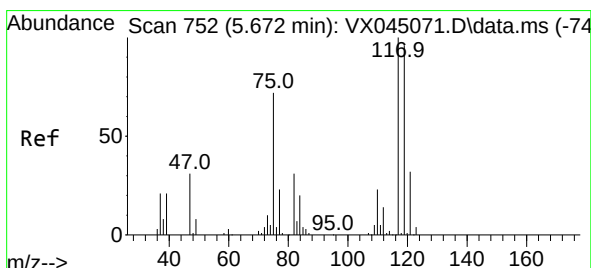
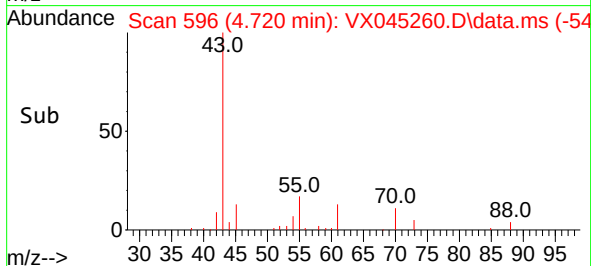
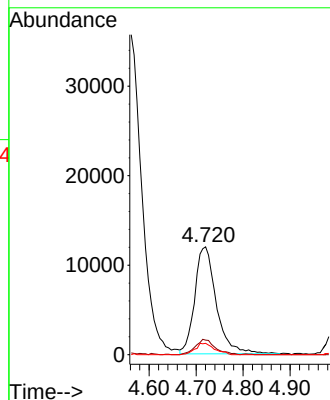
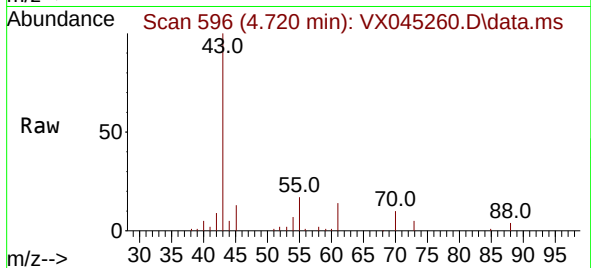
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.8	16.2
70	9.5	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#38

Carbon Tetrachloride

Concen: 18.728 ug/l

RT: 5.671 min Scan# 752

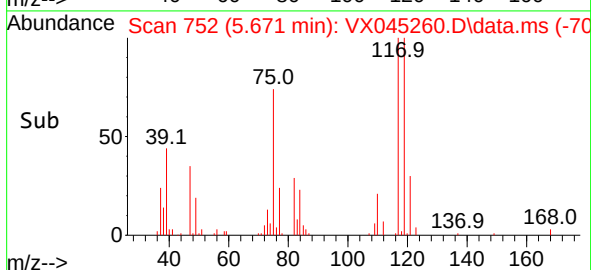
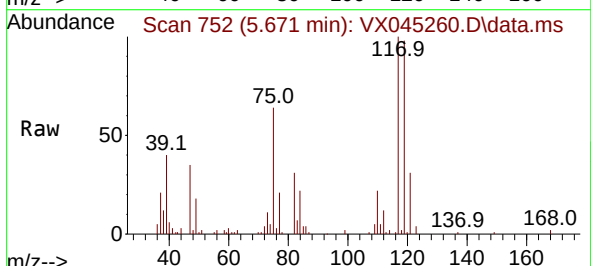
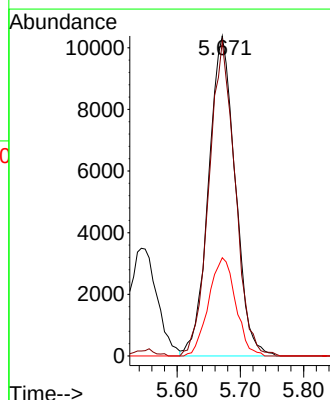
Delta R.T. -0.000 min

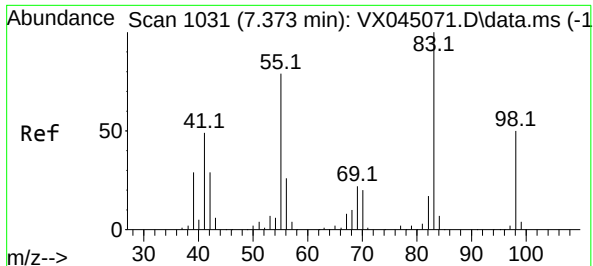
Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Tgt Ion:117 Resp: 30420

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.7	115.1
121	30.7	25.5	38.3





#39

Methylcyclohexane

Concen: 19.328 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

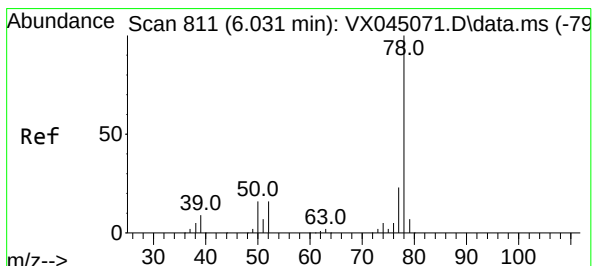
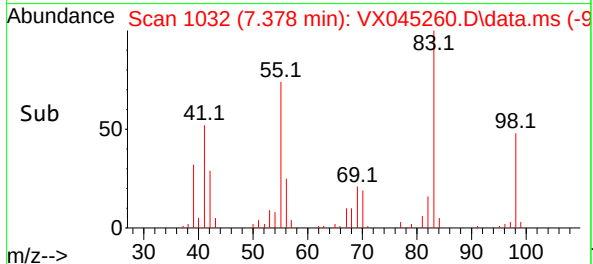
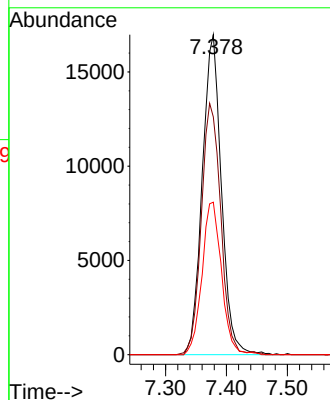
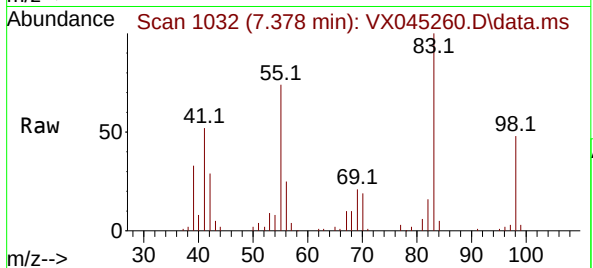
Tgt Ion: 83	Resp: 3705
Ion Ratio	Lower Upper
83	100
55	74.3 63.0 94.4
98	47.6 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#40

Benzene

Concen: 18.630 ug/l

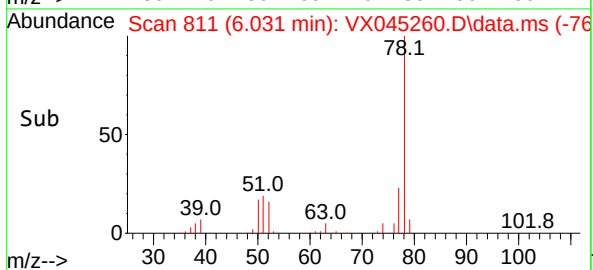
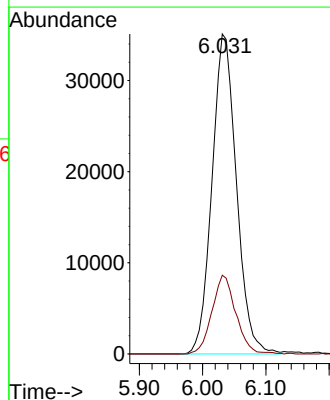
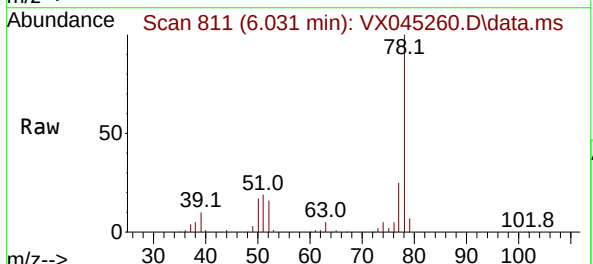
RT: 6.031 min Scan# 811

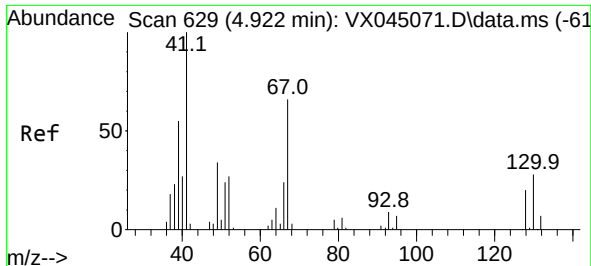
Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

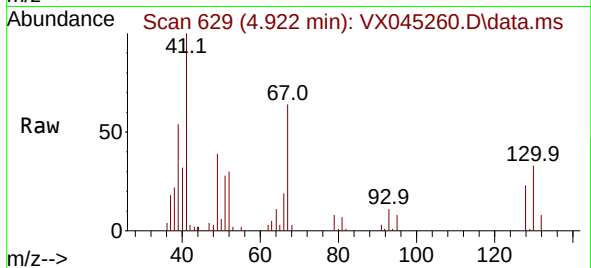
Tgt Ion: 78	Resp: 94123
Ion Ratio	Lower Upper
78	100
77	24.6 18.8 28.2





#41
Methacrylonitrile
Concen: 19.586 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

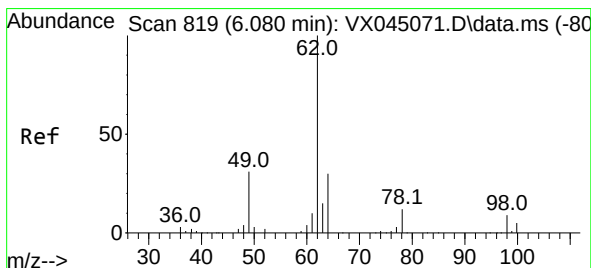
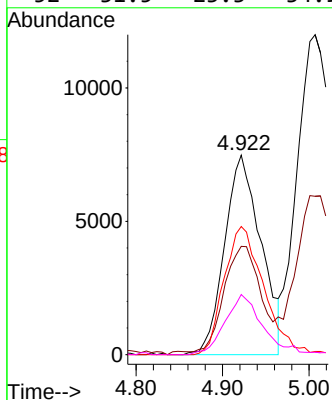
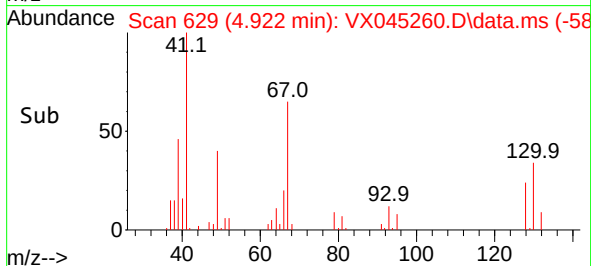
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion: 41	Resp: 2183
Ion Ratio	Lower Upper
41	100
39	52.1 44.6 67.0
67	70.6 53.9 80.9
52	31.5 23.3 34.9

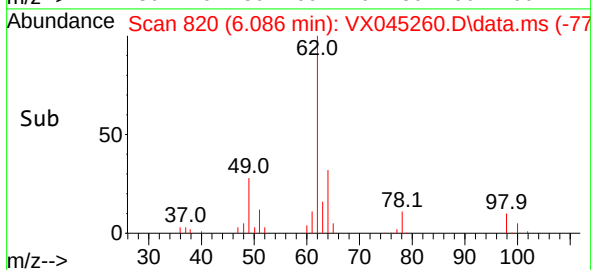
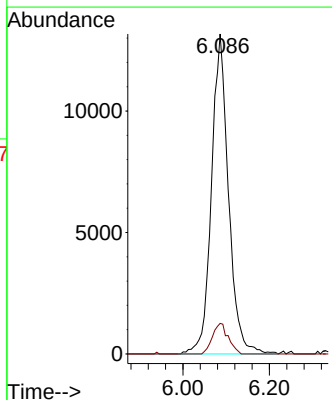
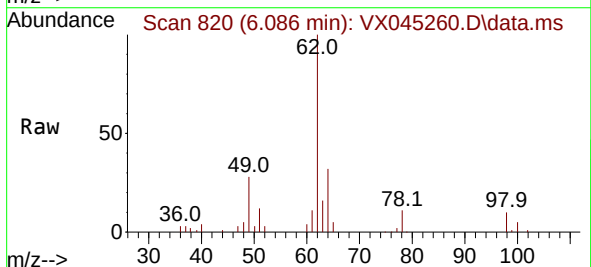
Manual Integrations
APPROVED

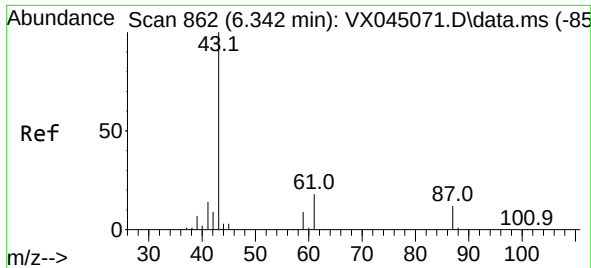
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#42
1,2-Dichloroethane
Concen: 19.806 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

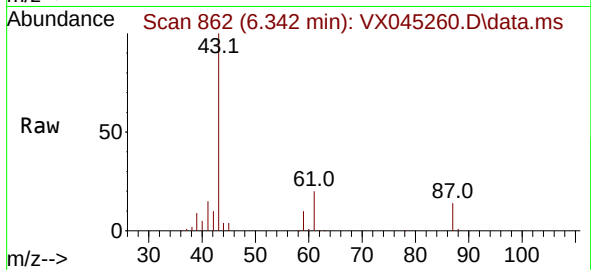
Tgt Ion: 62	Resp: 36032
Ion Ratio	Lower Upper
62	100
98	8.8 0.0 18.2





#43
Isopropyl Acetate
Concen: 19.150 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

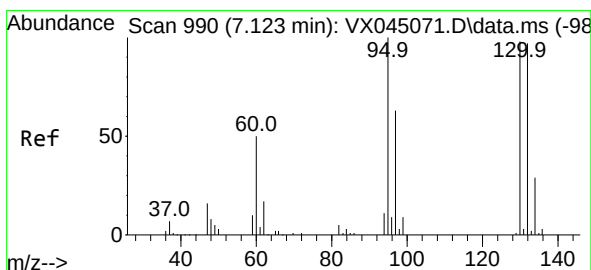
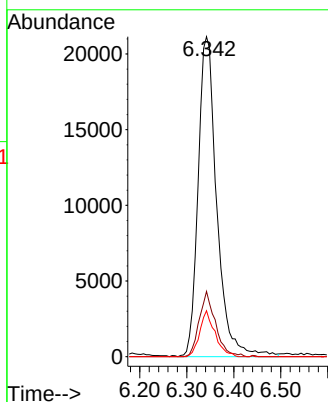
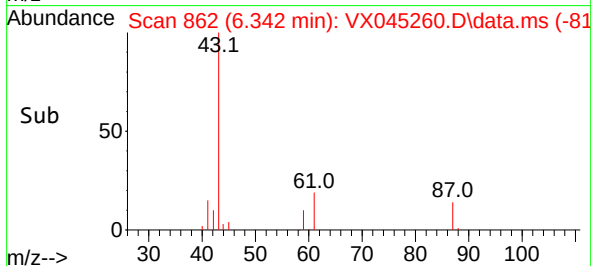
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion: 43 Resp: 58378
Ion Ratio Lower Upper
43 100
61 17.8 14.9 22.3
87 11.7 9.4 14.2

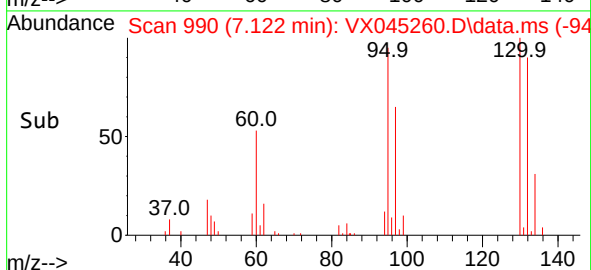
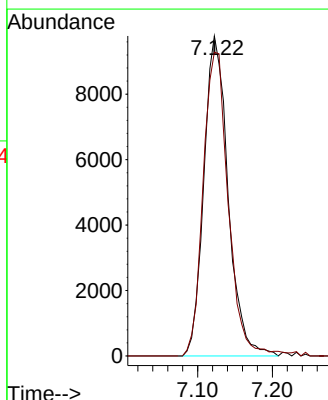
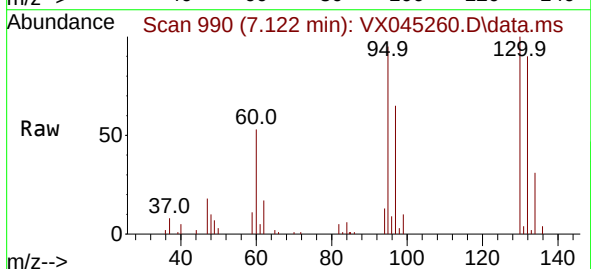
Manual Integrations
APPROVED

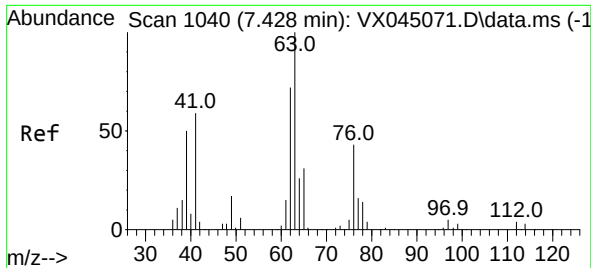
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#44
Trichloroethene
Concen: 18.574 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

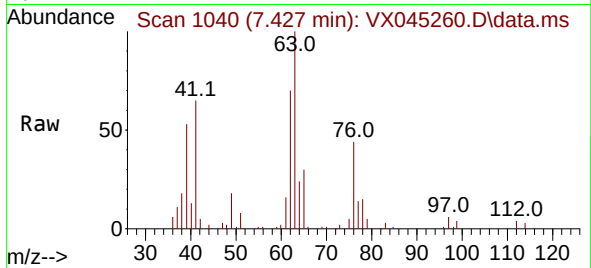
Tgt Ion:130 Resp: 22034
Ion Ratio Lower Upper
130 100
95 94.9 0.0 205.0





#45
1,2-Dichloropropane
Concen: 19.287 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

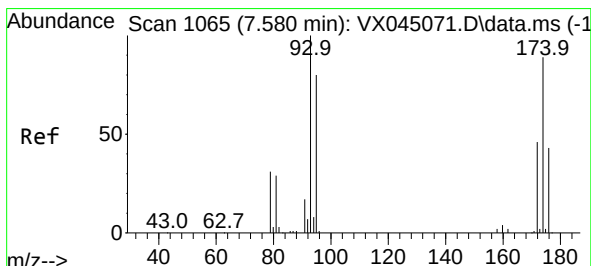
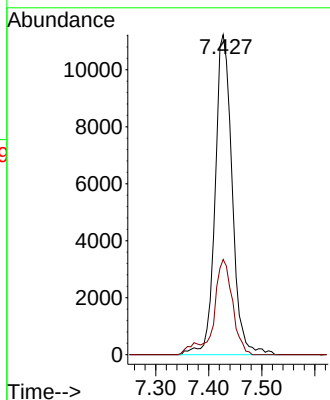
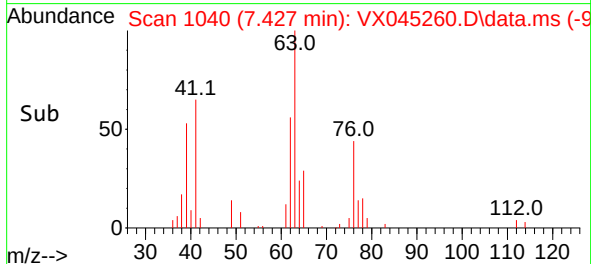
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion: 63 Resp: 2505
Ion Ratio Lower Upper
63 100
65 29.7 24.7 37.1

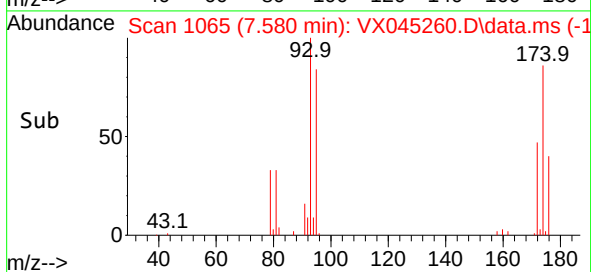
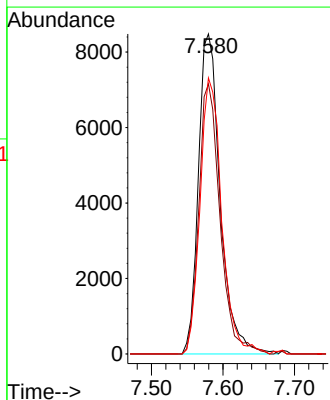
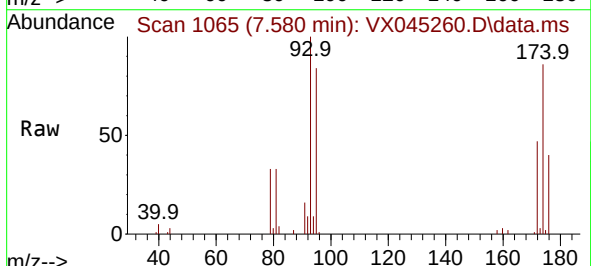
Manual Integrations
APPROVED

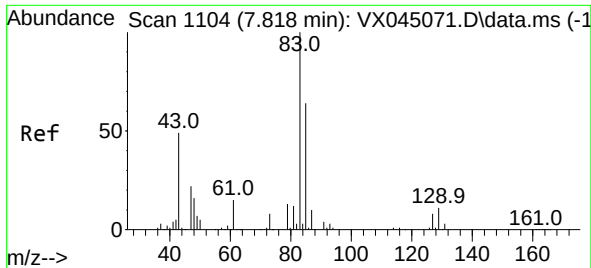
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#46
Dibromomethane
Concen: 19.527 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

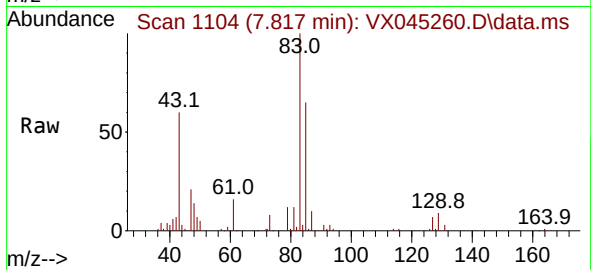
Tgt Ion: 93 Resp: 17928
Ion Ratio Lower Upper
93 100
95 82.4 65.8 98.8
174 86.2 72.2 108.2





#47
 Bromodichloromethane
 Concen: 19.737 ug/l
 RT: 7.817 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VX045260.D
 Acq: 13 Mar 2025 11:38

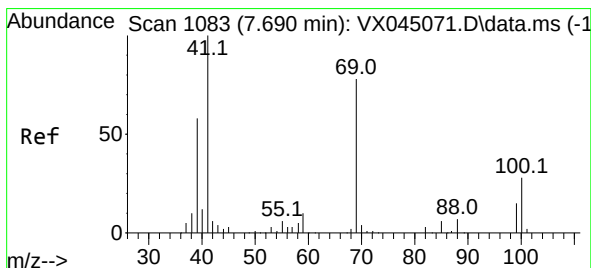
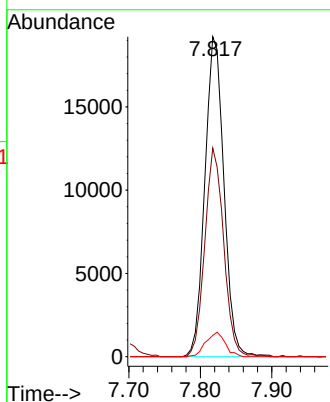
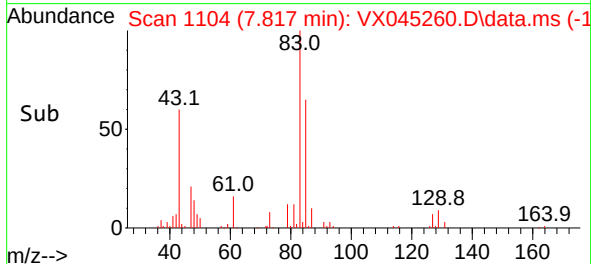
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01



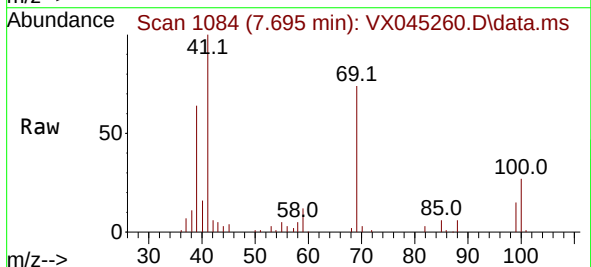
Tgt Ion: 83 Resp: 3554
 Ion Ratio Lower Upper
 83 100
 85 65.2 51.1 76.7
 127 6.7 6.4 9.6

Manual Integrations
 APPROVED

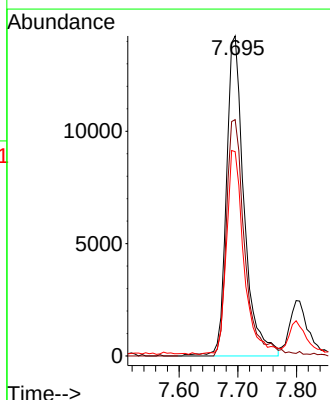
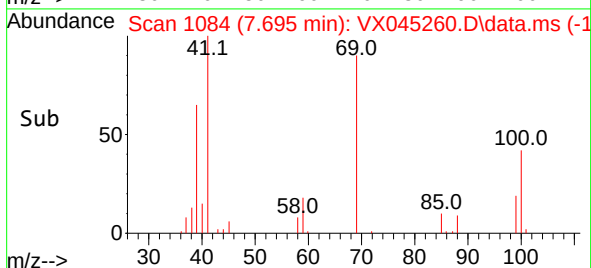
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025

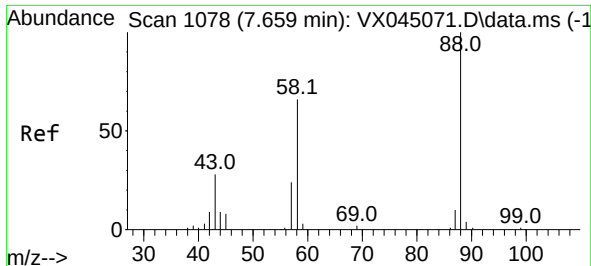


#48
 Methyl methacrylate
 Concen: 19.454 ug/l
 RT: 7.695 min Scan# 1084
 Delta R.T. 0.006 min
 Lab File: VX045260.D
 Acq: 13 Mar 2025 11:38



Tgt Ion: 41 Resp: 29753
 Ion Ratio Lower Upper
 41 100
 69 76.5 63.0 94.6
 39 63.1 47.5 71.3





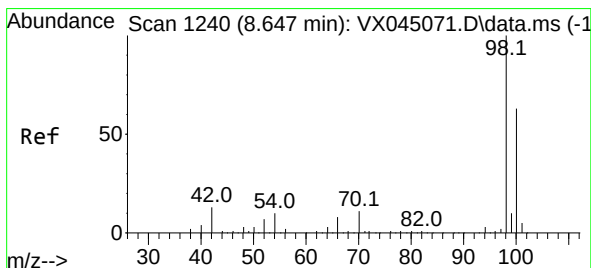
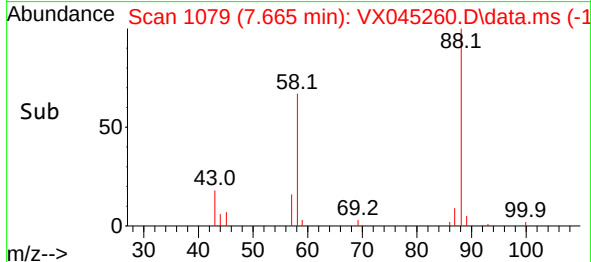
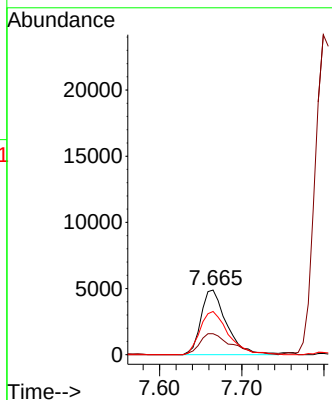
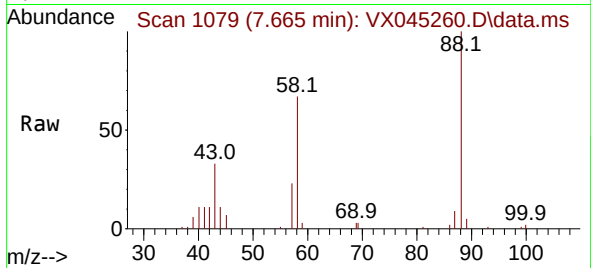
#49
1,4-Dioxane
Concen: 326.274 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tgt Ion: 88 Resp: 10520
Ion Ratio Lower Upper
88 100
43 40.6 28.7 43.1
58 73.9 55.8 83.8

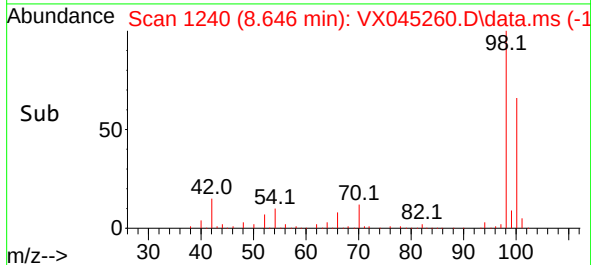
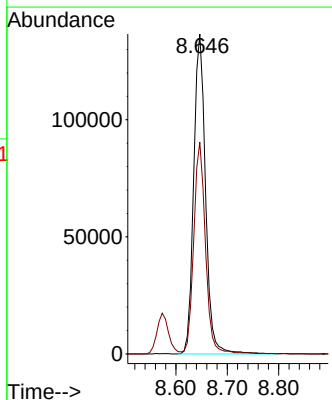
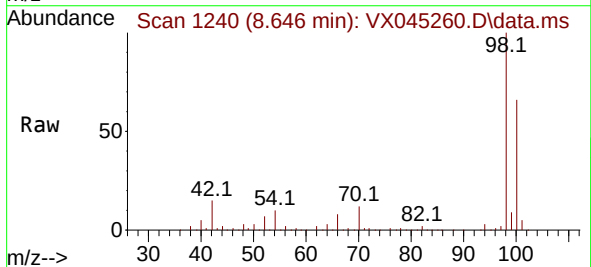
Manual Integrations
APPROVED

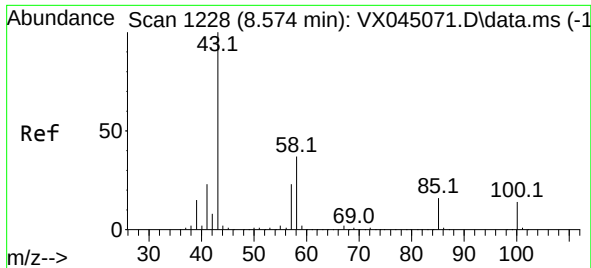
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#50
Toluene-d8
Concen: 51.954 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

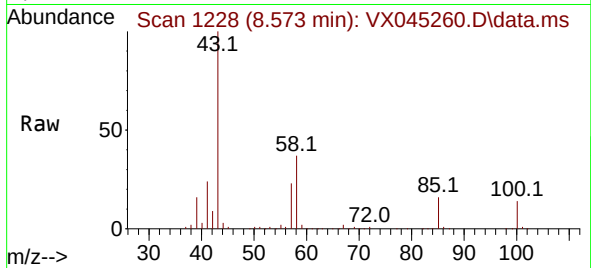
Tgt Ion: 98 Resp: 219736
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 100.325 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

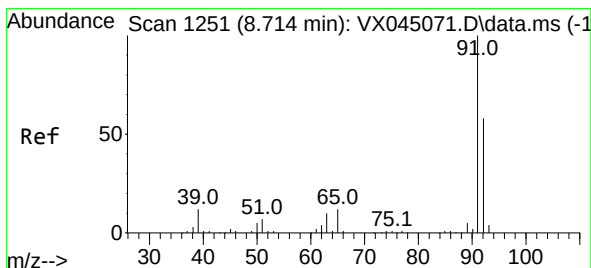
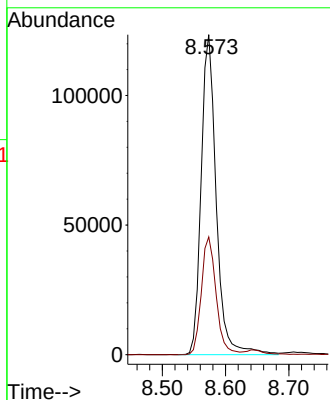
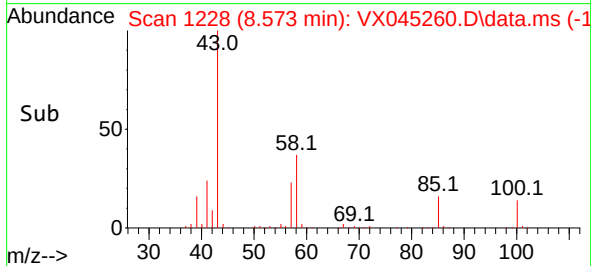
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion: 43 Resp: 20535
Ion Ratio Lower Upper
43 100
58 35.8 29.2 43.8

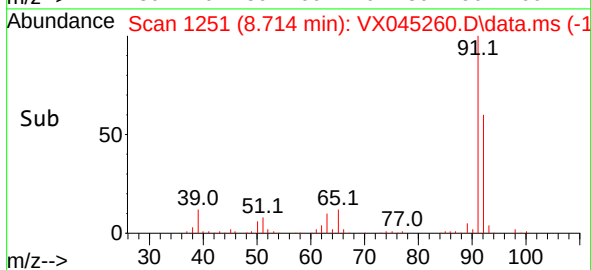
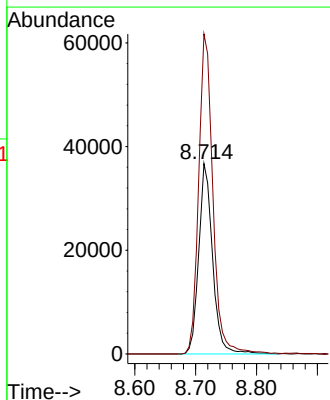
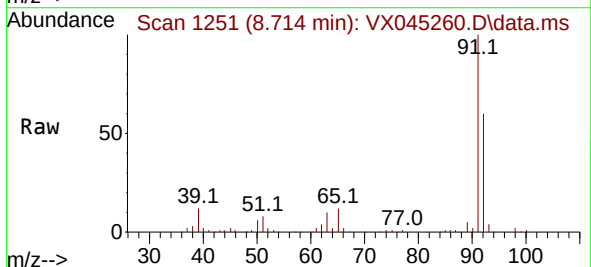
Manual Integrations
APPROVED

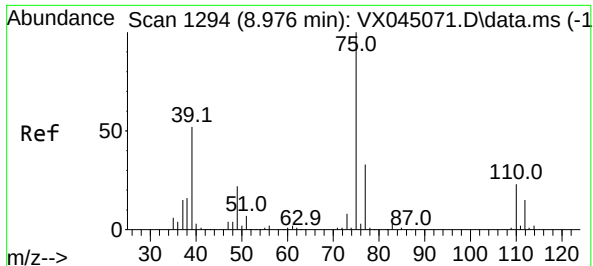
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#52
Toluene
Concen: 19.652 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Tgt Ion: 92 Resp: 58253
Ion Ratio Lower Upper
92 100
91 172.1 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 19.347 ug/l

RT: 8.976 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tgt Ion: 75 Resp: 29128

Ion Ratio Lower Upper

75 100

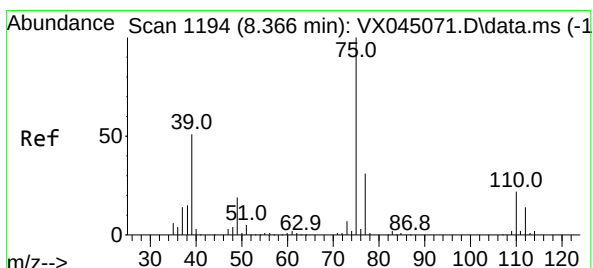
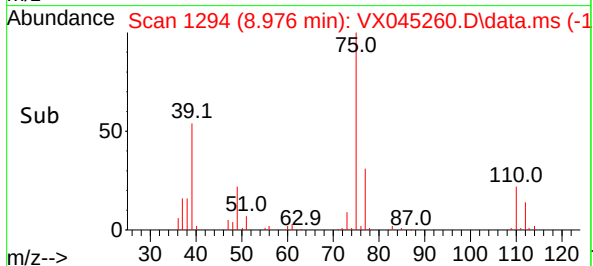
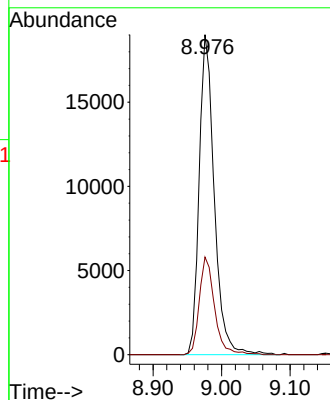
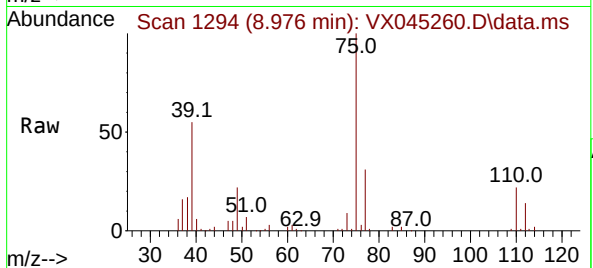
77 30.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#54

cis-1,3-Dichloropropene

Concen: 19.356 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

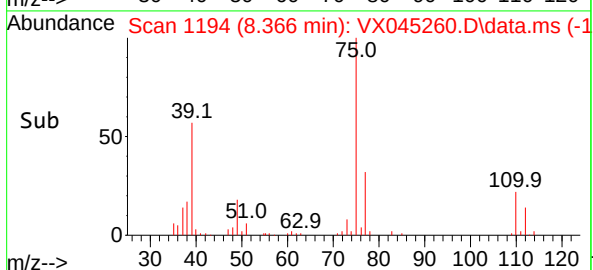
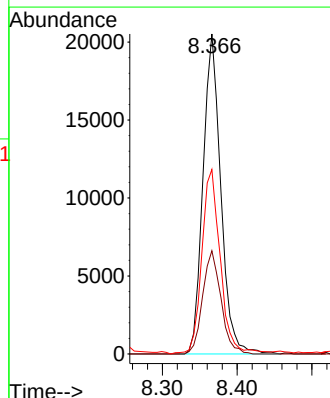
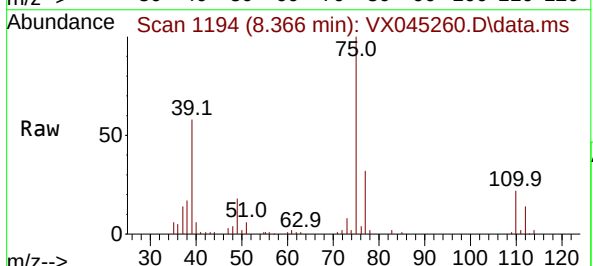
Tgt Ion: 75 Resp: 33982

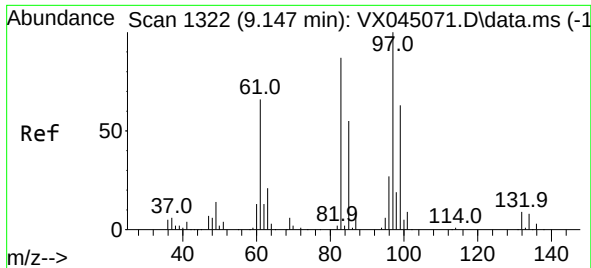
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

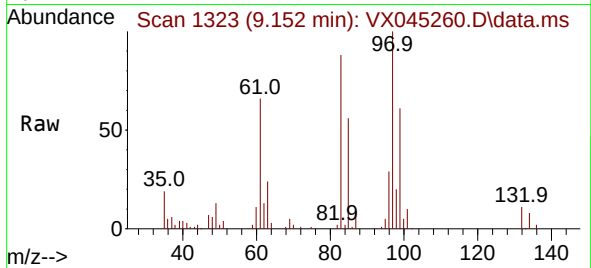
39 57.2 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 19.557 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

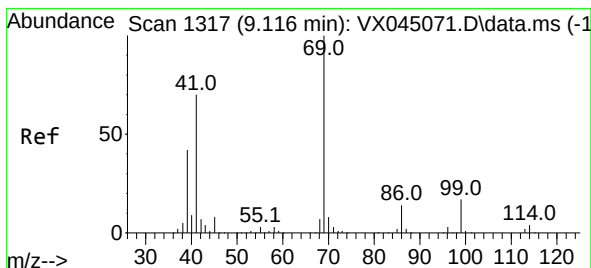
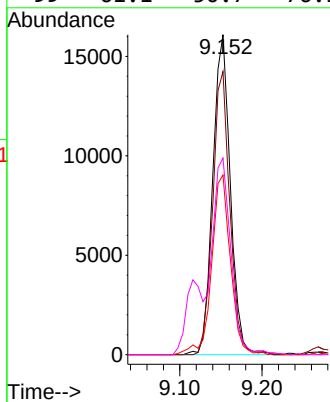
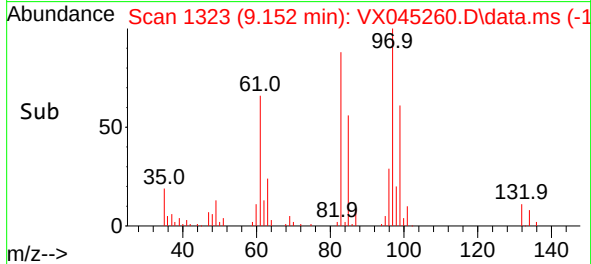
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



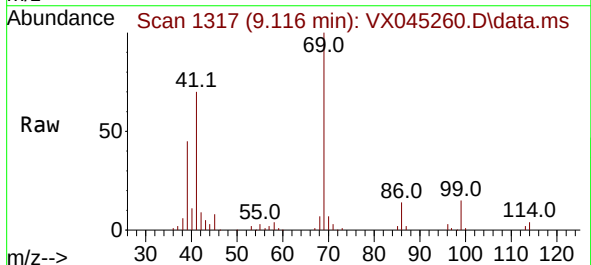
Tgt Ion: 97 Resp: 2386
Ion Ratio Lower Upper
97 100
83 88.5 69.4 104.2
85 55.8 44.1 66.1
99 61.1 50.7 76.1

Manual Integrations
APPROVED

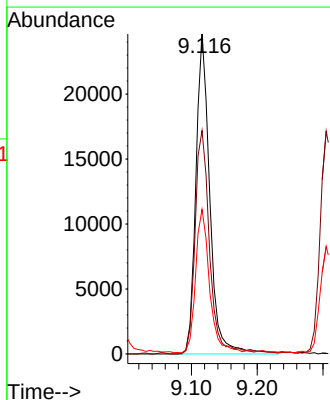
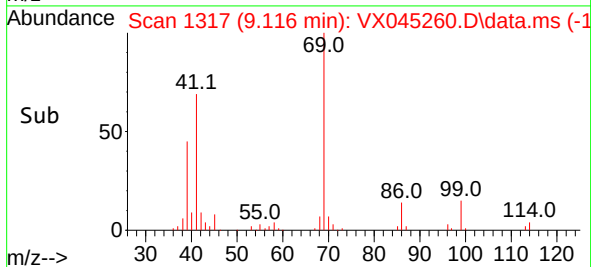
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

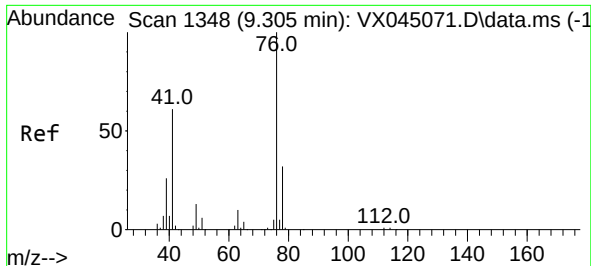


#56
Ethyl methacrylate
Concen: 19.607 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



Tgt Ion: 69 Resp: 36370
Ion Ratio Lower Upper
69 100
41 72.4 57.0 85.4
39 44.5 34.2 51.4





#57

1,3-Dichloropropane

Concen: 19.602 ug/l

RT: 9.305 min Scan# 1139

Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tgt Ion: 76 Resp: 4139

Ion Ratio Lower Upper

76 100

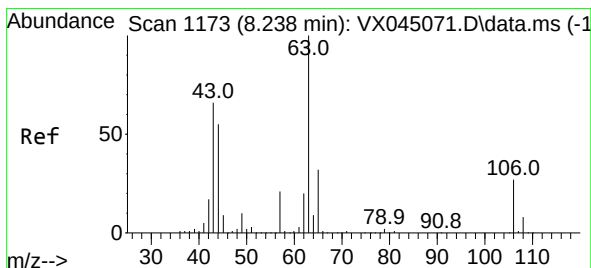
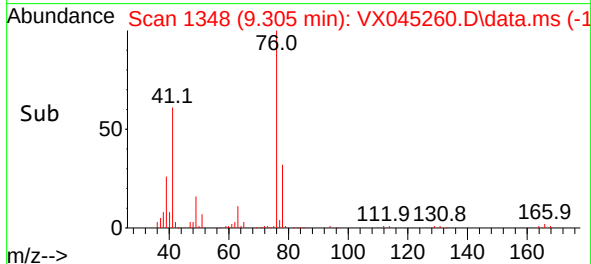
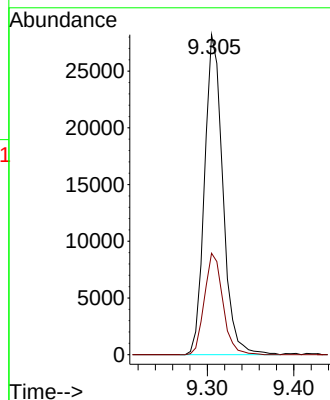
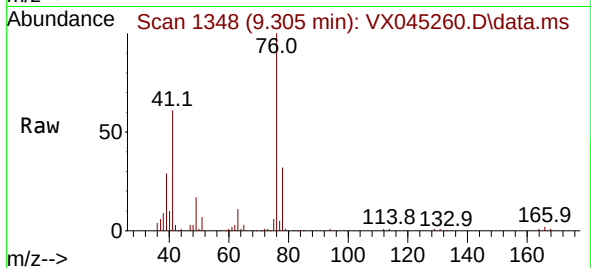
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 95.960 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045260.D

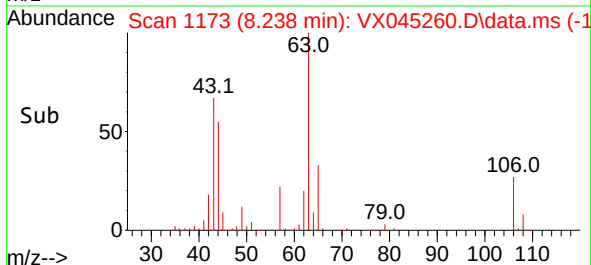
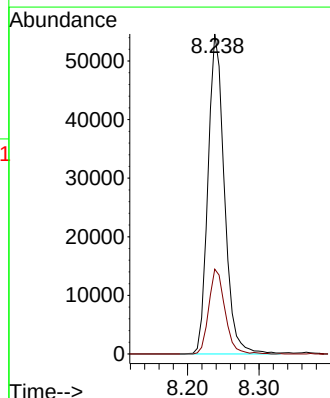
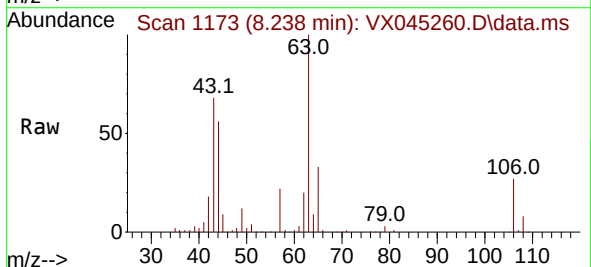
Acq: 13 Mar 2025 11:38

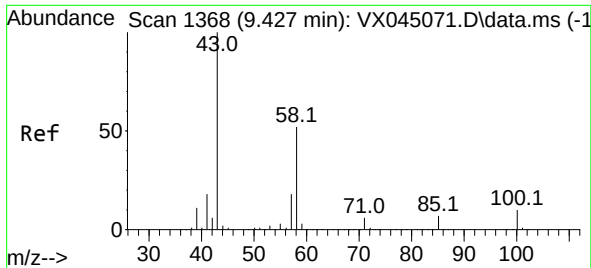
Tgt Ion: 63 Resp: 86829

Ion Ratio Lower Upper

63 100

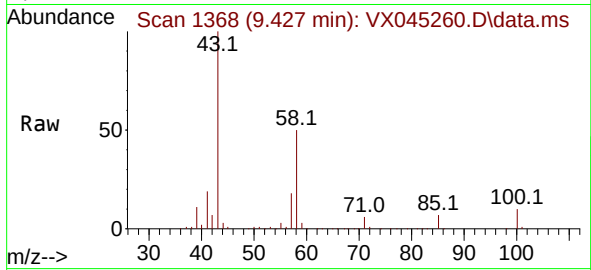
106 26.2 21.5 32.3





#59
2-Hexanone
Concen: 99.661 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

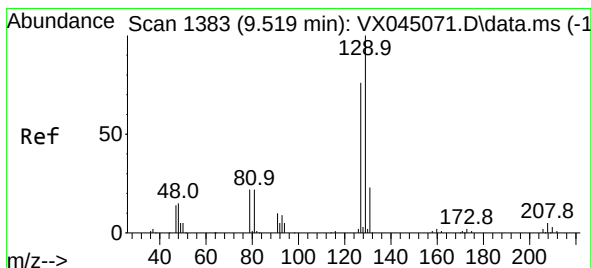
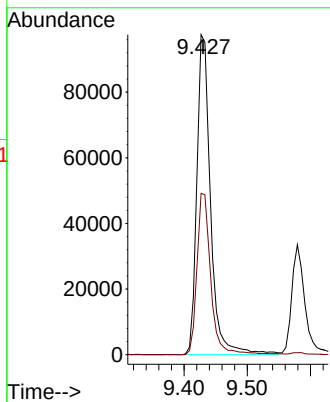
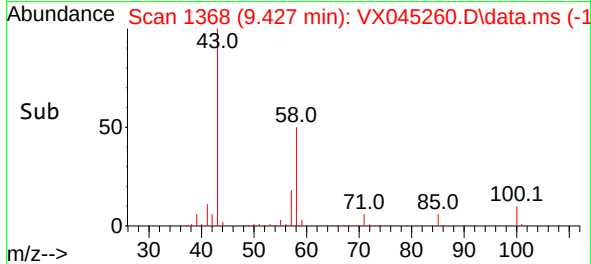
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion: 43 Resp: 147804
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.6

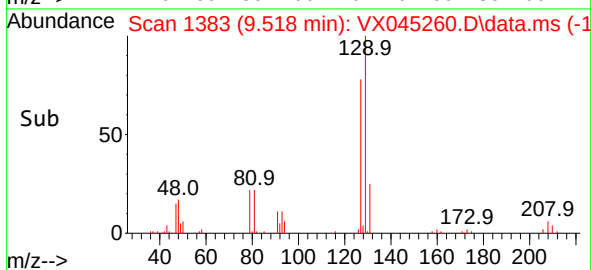
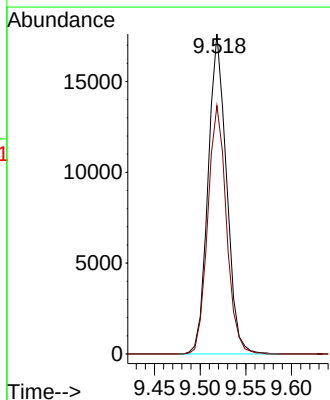
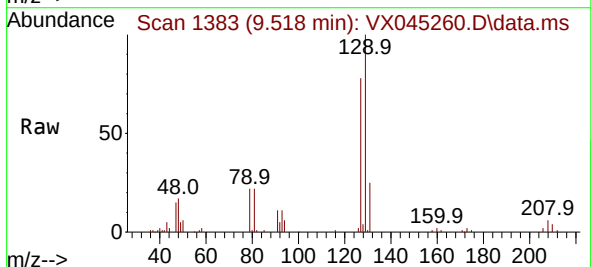
Manual Integrations
APPROVED

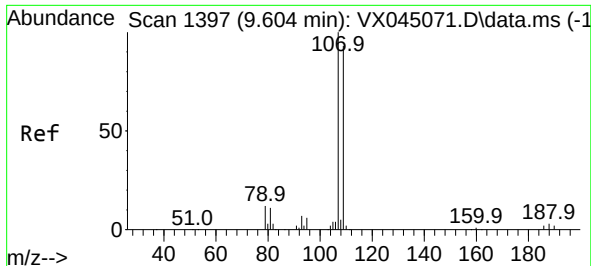
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#60
Dibromochloromethane
Concen: 19.338 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

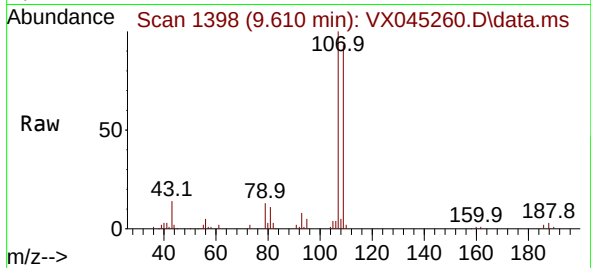
Tgt Ion:129 Resp: 24674
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.483 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

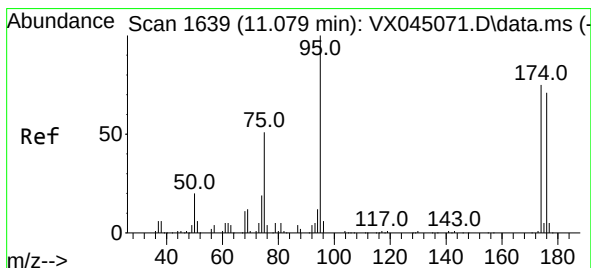
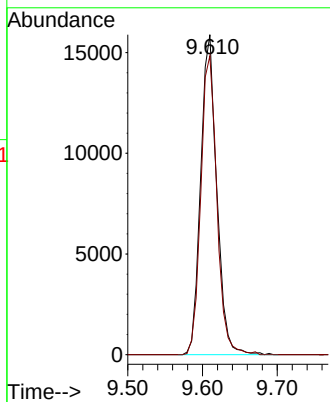
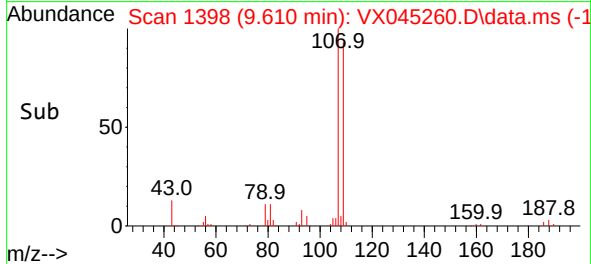
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion:107 Resp: 2373
Ion Ratio Lower Upper
107 100
109 93.4 76.1 114.1

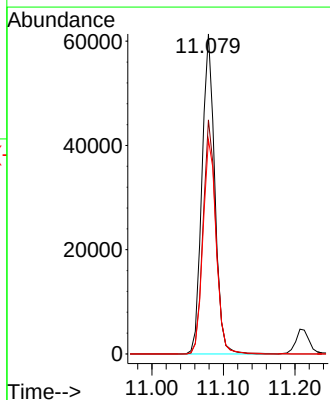
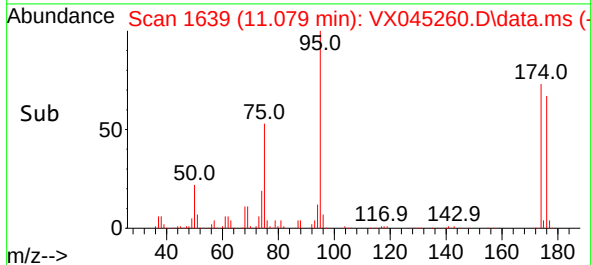
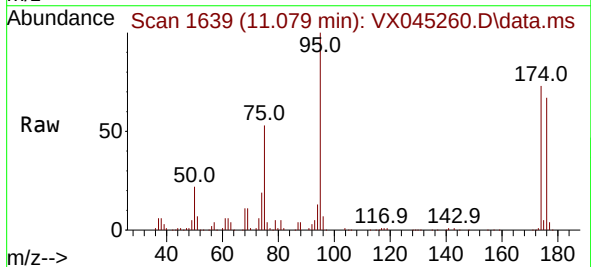
Manual Integrations
APPROVED

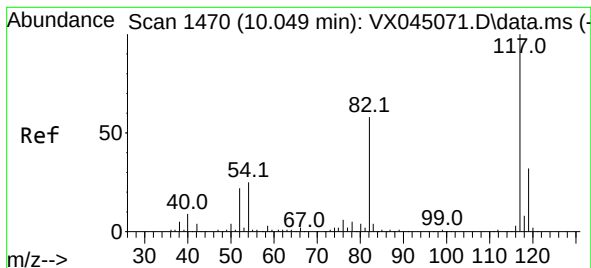
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#62
4-Bromofluorobenzene
Concen: 54.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

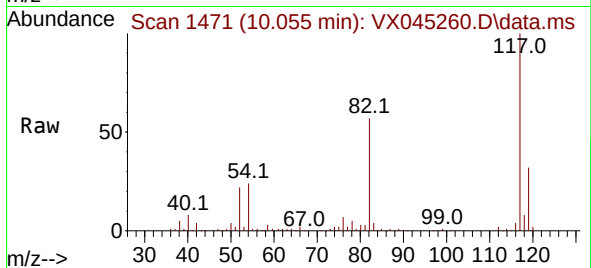
Tgt Ion: 95 Resp: 76284
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.2
176 69.4 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

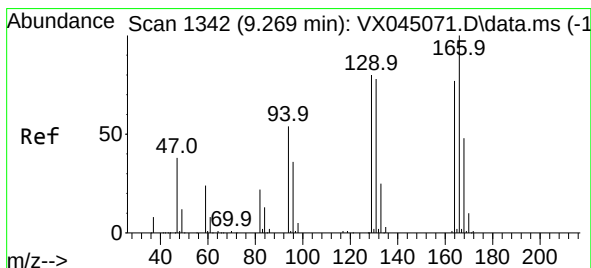
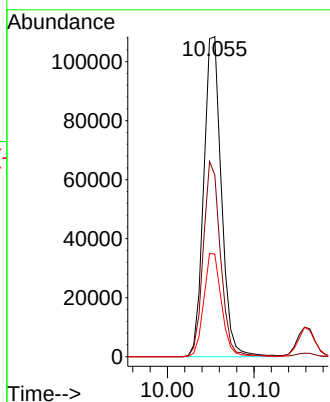
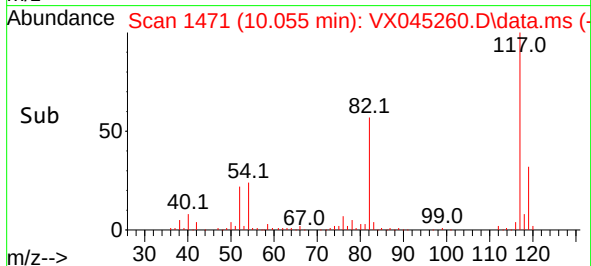
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion:117 Resp: 153760
Ion Ratio Lower Upper
117 100
82 56.8 46.3 69.5
119 32.1 25.7 38.5

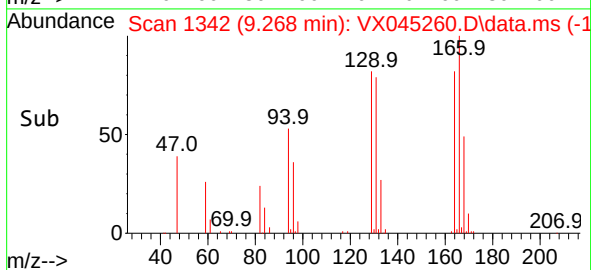
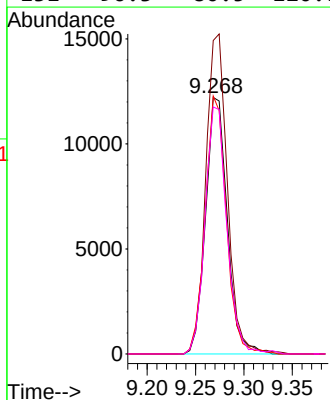
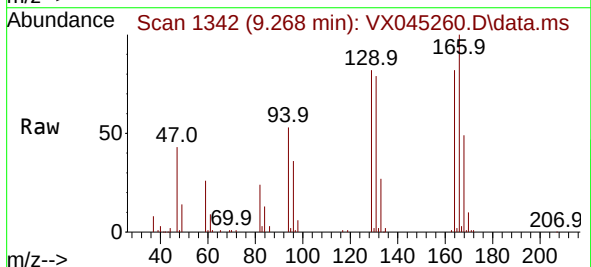
Manual Integrations
APPROVED

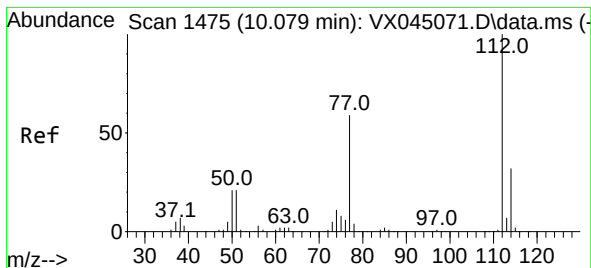
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#64
Tetrachloroethene
Concen: 19.342 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Tgt Ion:164 Resp: 19047
Ion Ratio Lower Upper
164 100
166 122.2 103.6 155.4
129 100.6 82.7 124.1
131 96.3 80.5 120.7





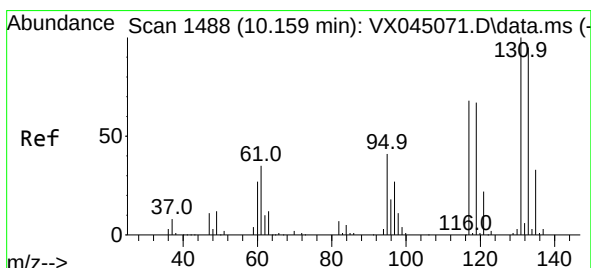
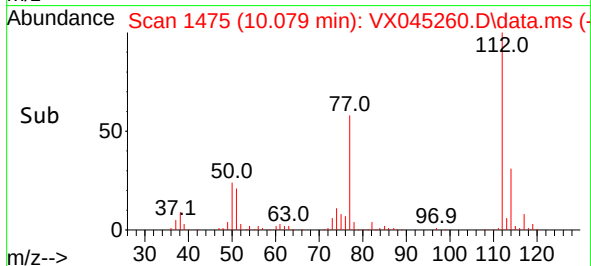
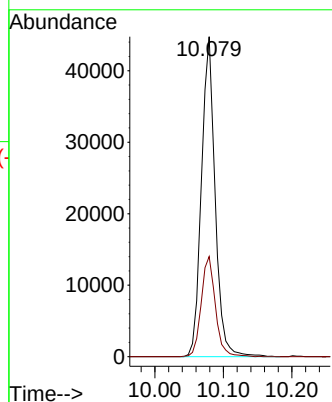
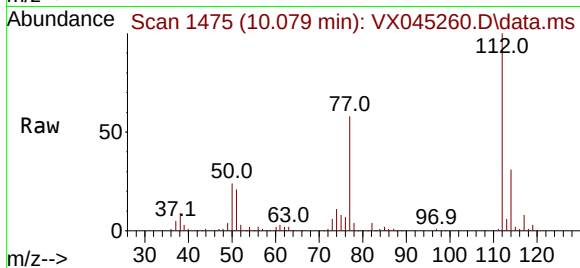
#65
Chlorobenzene
Concen: 19.173 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tgt Ion:112 Resp: 62379
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0

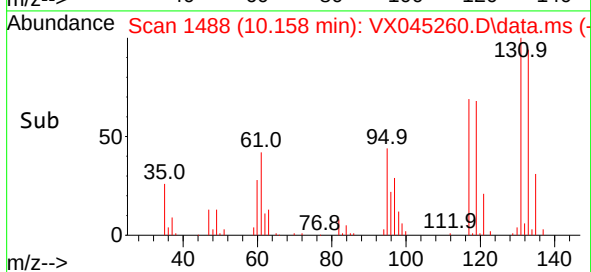
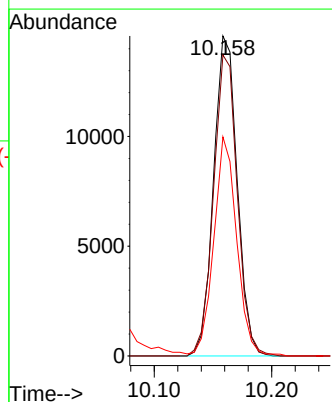
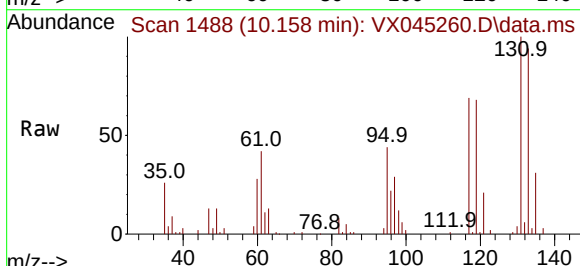
Manual Integrations
APPROVED

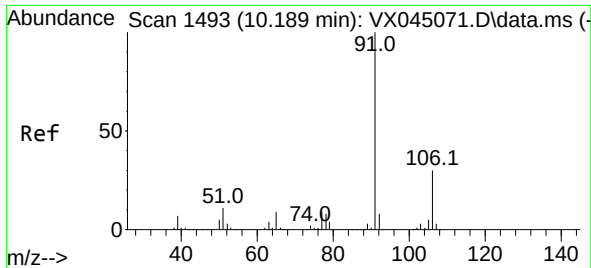
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.776 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

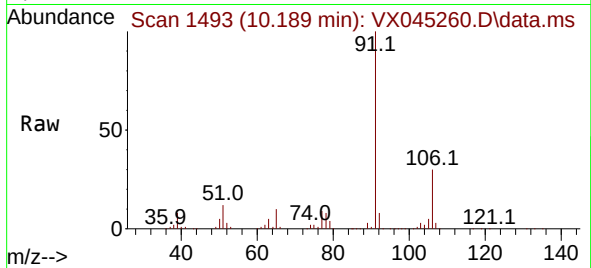
Tgt Ion:131 Resp: 20344
Ion Ratio Lower Upper
131 100
133 95.2 48.6 145.9
119 66.7 33.9 101.7





#67
Ethyl Benzene
Concen: 19.107 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

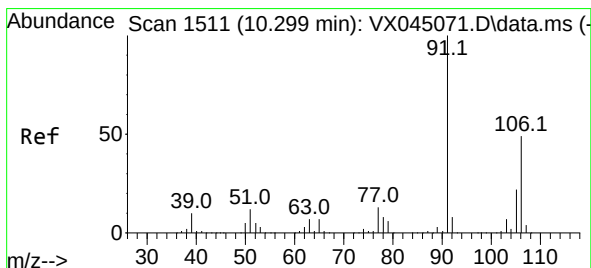
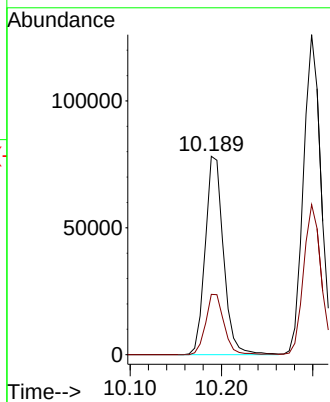
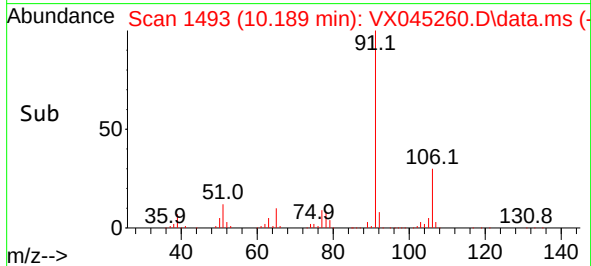
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion: 91 Resp: 108318
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9

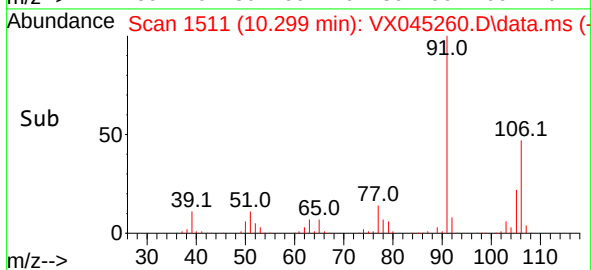
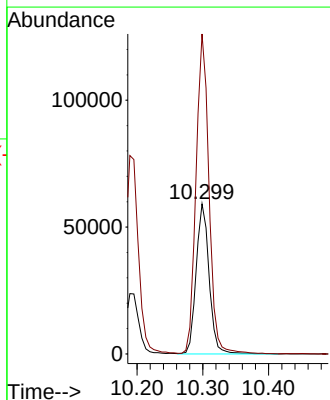
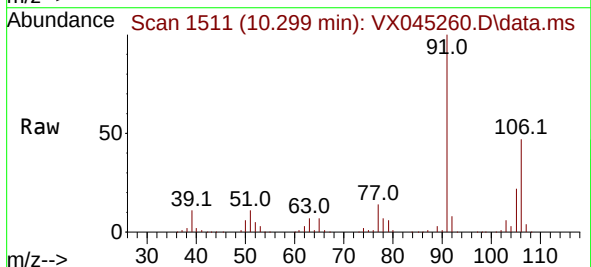
Manual Integrations
APPROVED

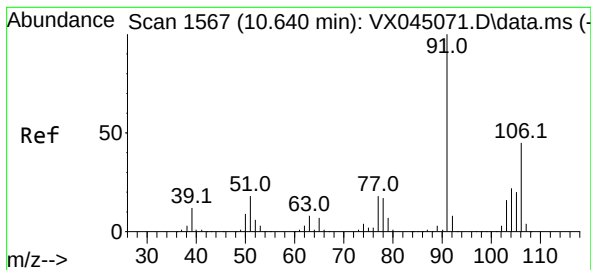
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#68
m/p-Xylenes
Concen: 39.097 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Tgt Ion:106 Resp: 81139
Ion Ratio Lower Upper
106 100
91 211.6 165.4 248.0





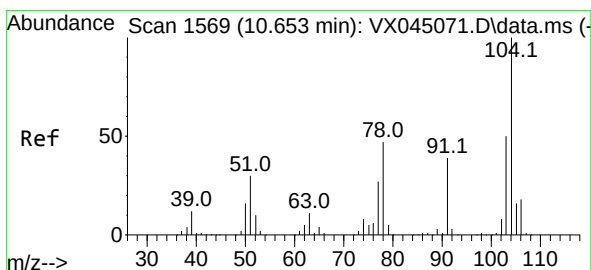
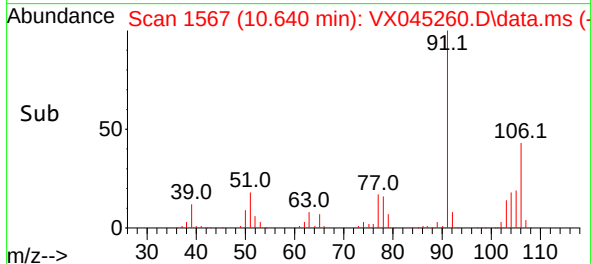
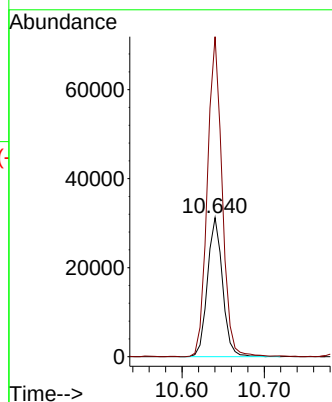
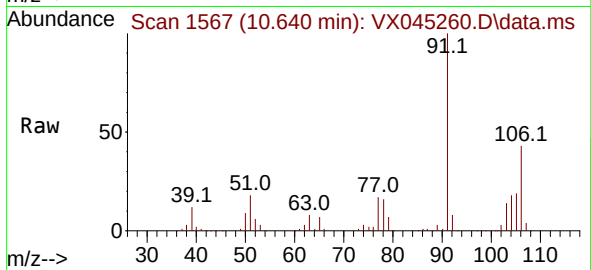
#69
o-Xylene
Concen: 19.011 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tgt Ion:106 Resp: 3979
Ion Ratio Lower Upper
106 100
91 225.9 109.9 329.6

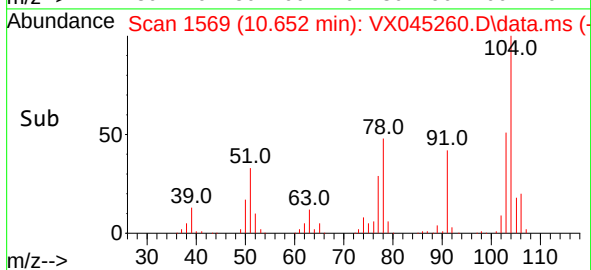
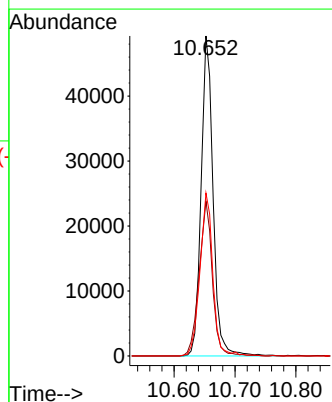
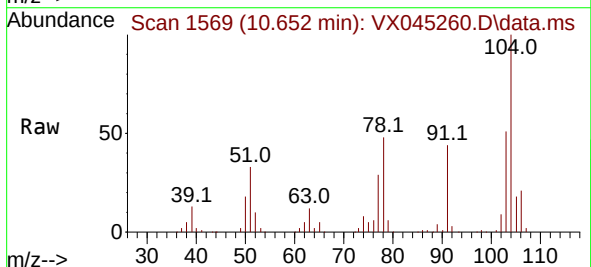
Manual Integrations
APPROVED

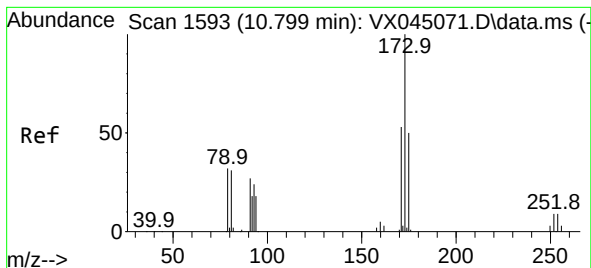
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#70
Styrene
Concen: 19.885 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

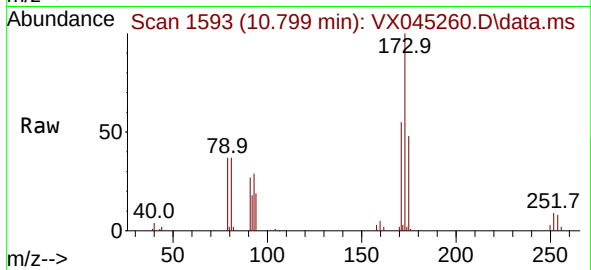
Tgt Ion:104 Resp: 67344
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 54.9 43.8 65.8





#71
Bromoform
Concen: 18.326 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

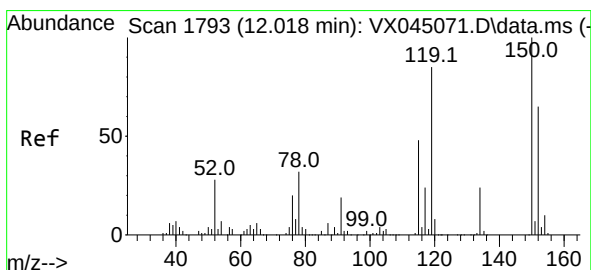
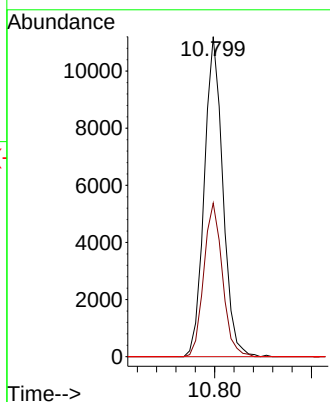
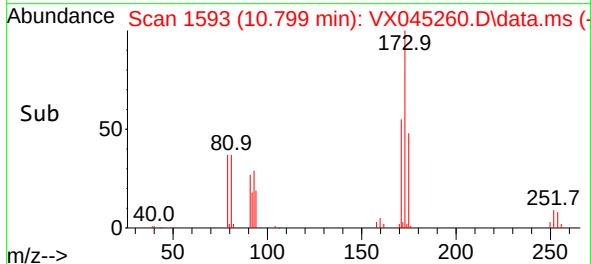
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



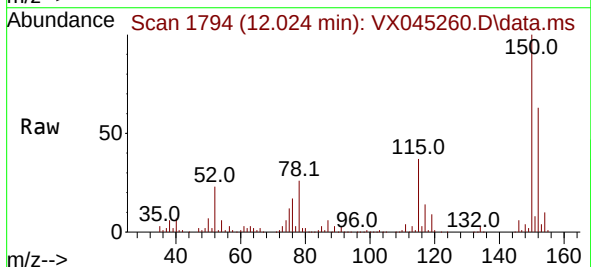
Tgt Ion:173 Resp: 1497
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

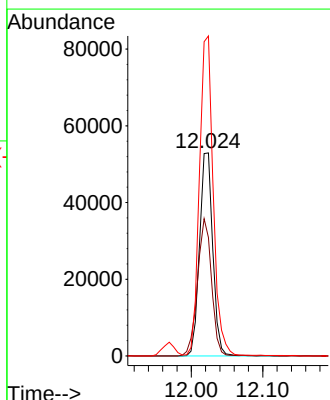
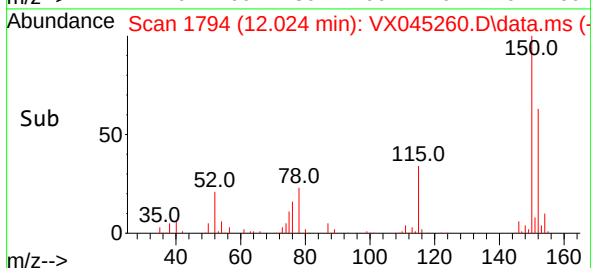
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

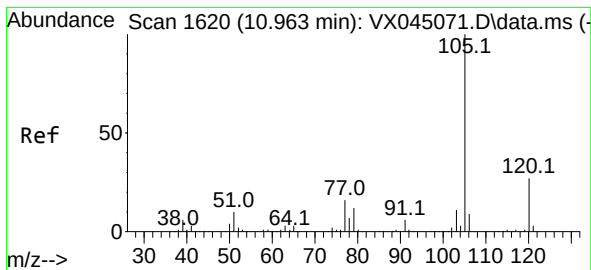


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



Tgt Ion:152 Resp: 68175
Ion Ratio Lower Upper
152 100
115 71.3 44.2 132.6
150 163.4 0.0 349.0





#73

Isopropylbenzene

Concen: 19.989 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tgt Ion:105 Resp: 10636

Ion Ratio Lower Upper

105 100

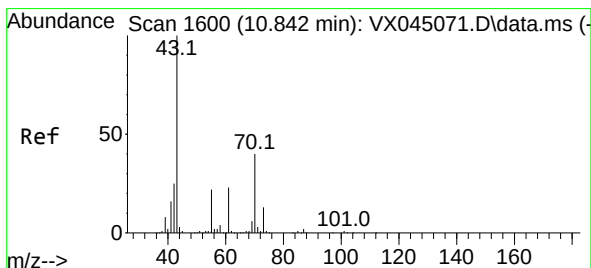
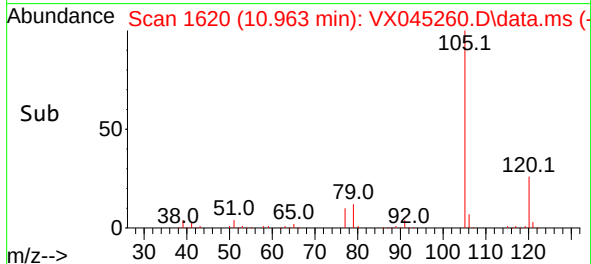
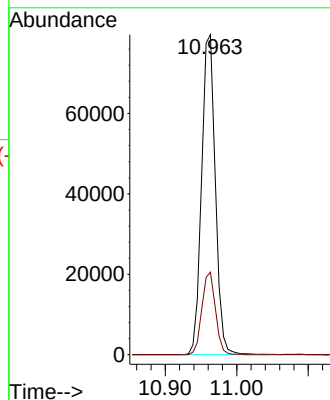
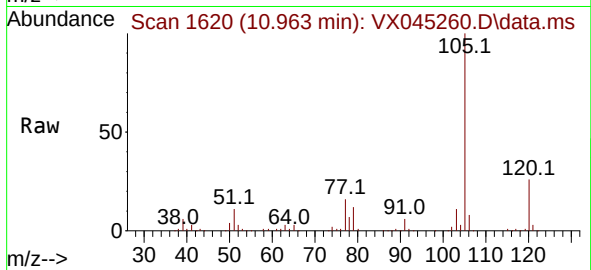
120 25.4 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#74

N-ethyl acetate

Concen: 18.765 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Tgt Ion: 43 Resp: 46854

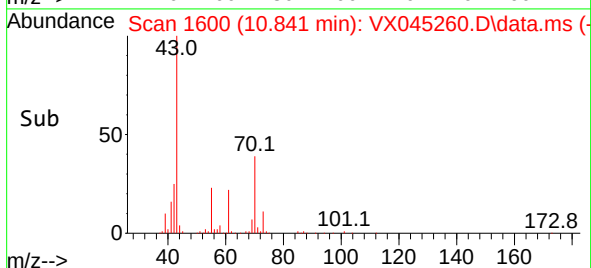
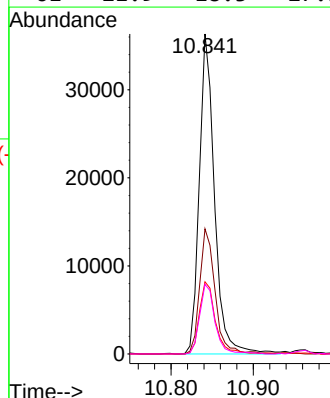
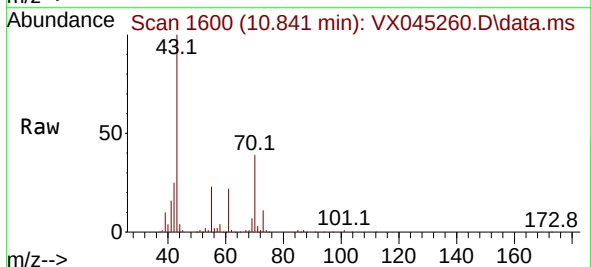
Ion Ratio Lower Upper

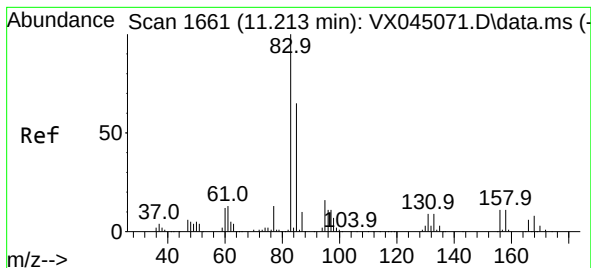
43 100

70 39.7 31.8 47.6

55 23.6 18.3 27.5

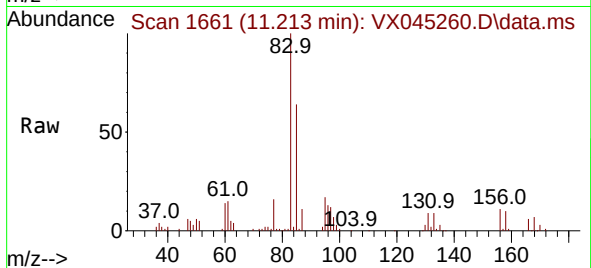
61 21.9 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.255 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

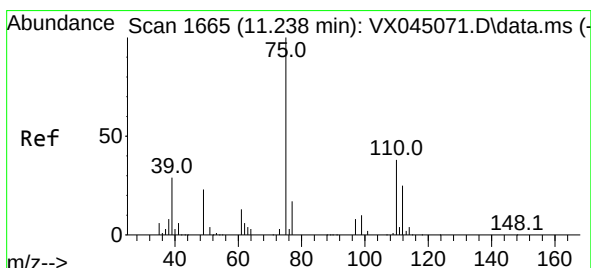
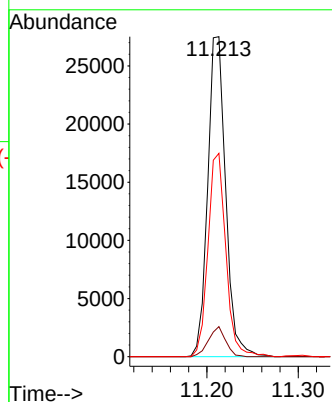
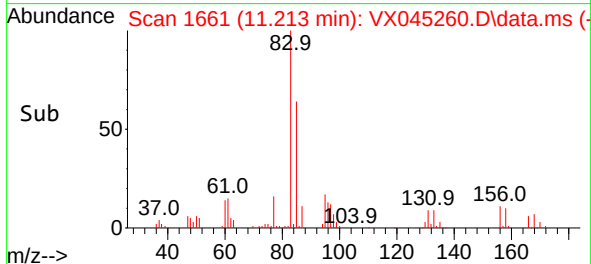
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



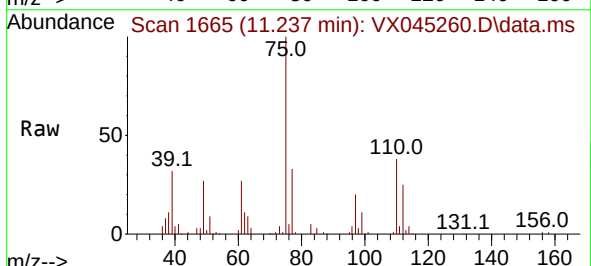
Tgt Ion: 83 Resp: 37599
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.4
85 63.2 31.7 95.1

Manual Integrations
APPROVED

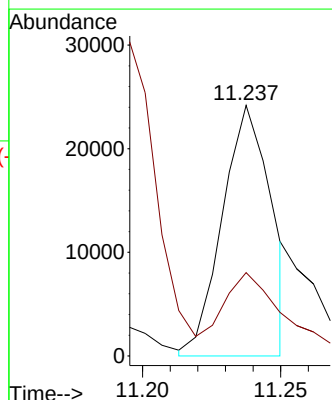
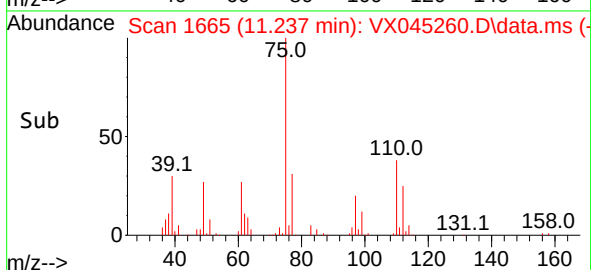
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

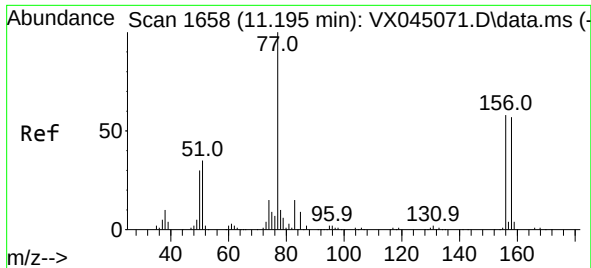


#76
1,2,3-Trichloropropane
Concen: 18.805 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



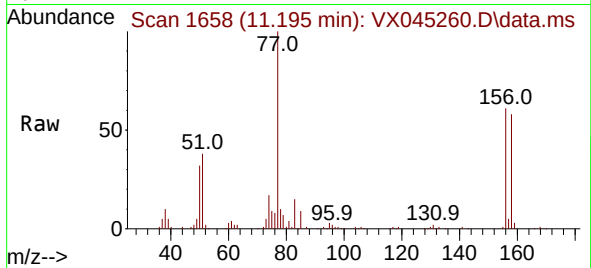
Tgt Ion: 75 Resp: 29840
Ion Ratio Lower Upper
75 100
77 42.1 20.7 62.1





#77
Bromobenzene
Concen: 19.142 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

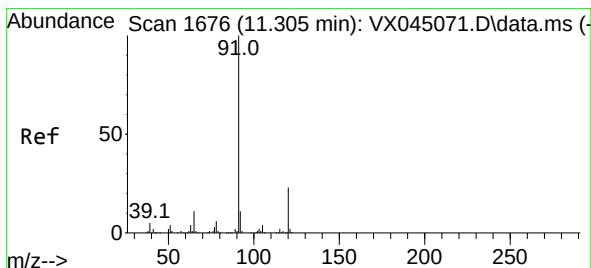
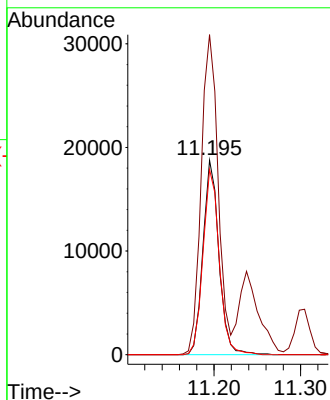
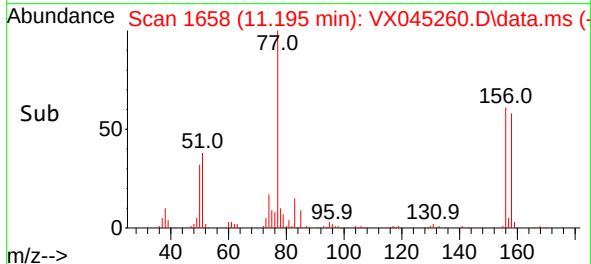
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



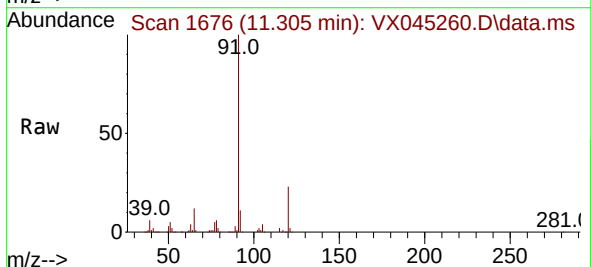
Tgt Ion:156 Resp: 2403
Ion Ratio Lower Upper
156 100
77 174.5 85.8 257.4
158 96.8 48.4 145.2

Manual Integrations
APPROVED

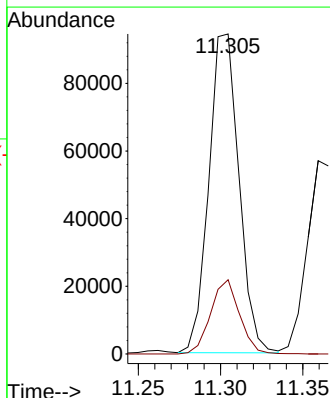
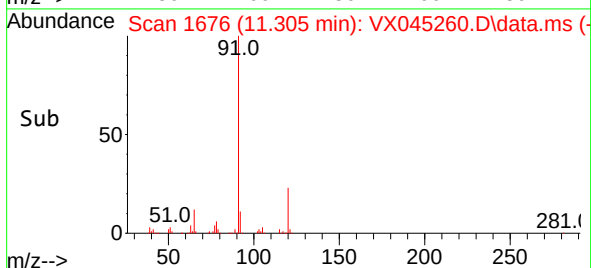
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

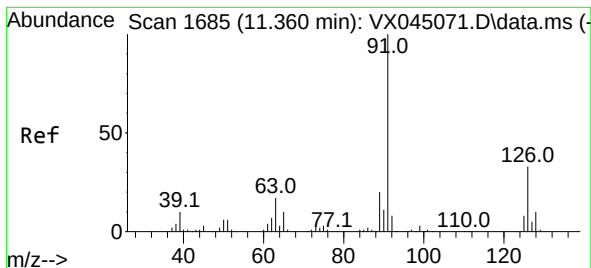


#78
n-propylbenzene
Concen: 19.967 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



Tgt Ion: 91 Resp: 120022
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6





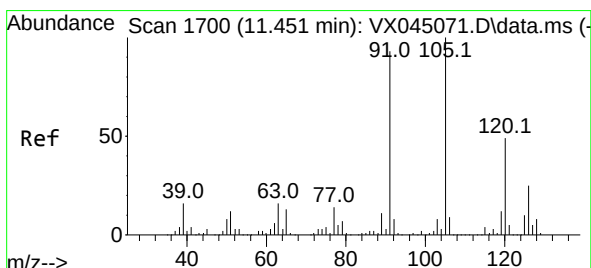
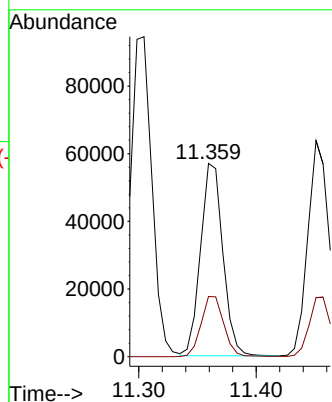
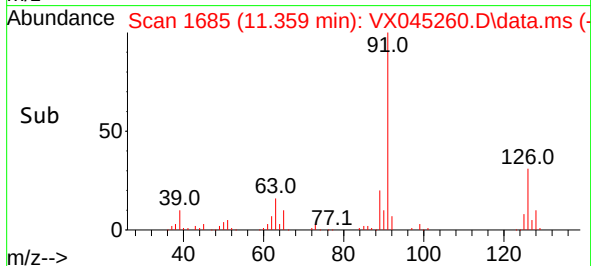
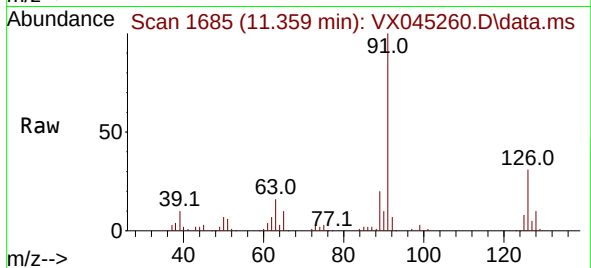
#79
2-Chlorotoluene
Concen: 19.625 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tgt Ion: 91 Resp: 7512
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

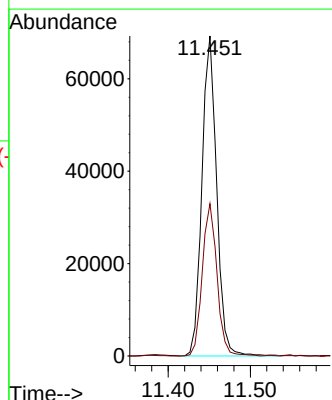
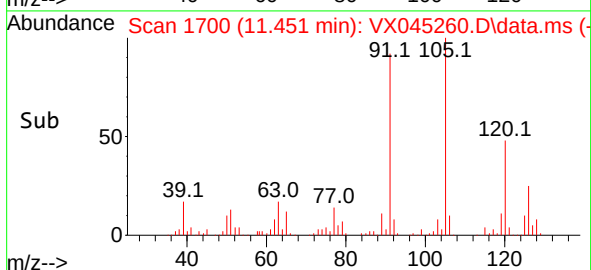
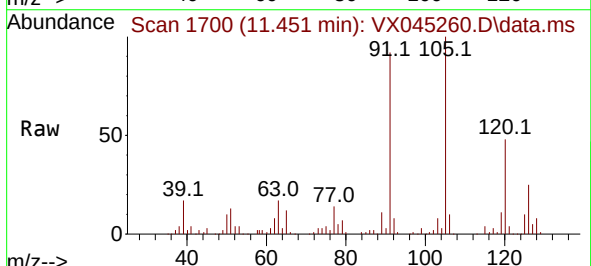
Manual Integrations
APPROVED

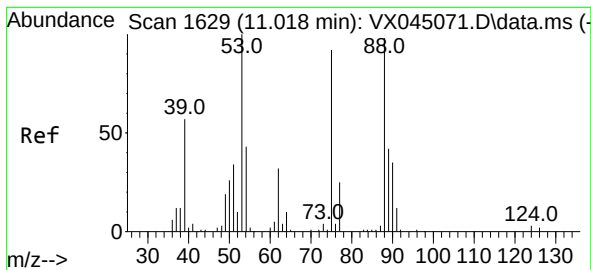
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.039 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

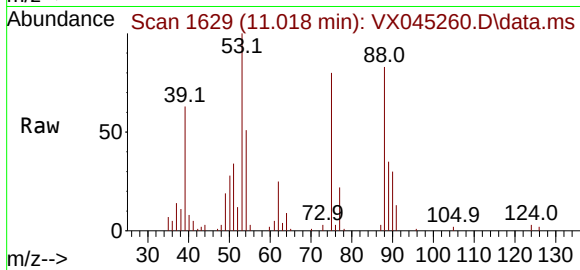
Tgt Ion:105 Resp: 86221
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.207 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

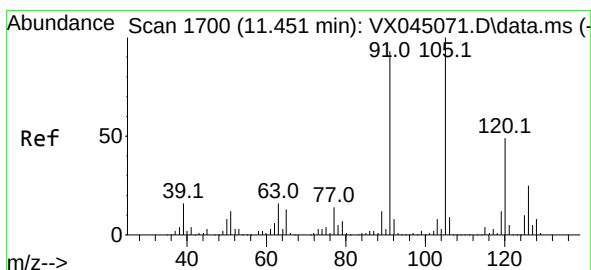
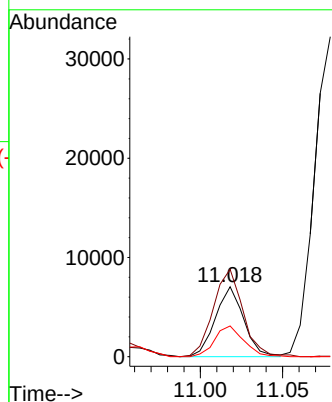
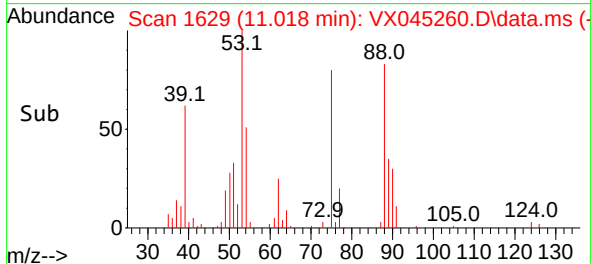
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



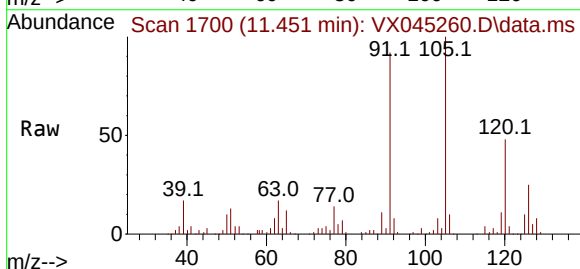
Tgt Ion: 75 Resp: 844
Ion Ratio Lower Upper
75 100
53 131.2 88.5 132.7
89 45.2 36.2 54.4

Manual Integrations
APPROVED

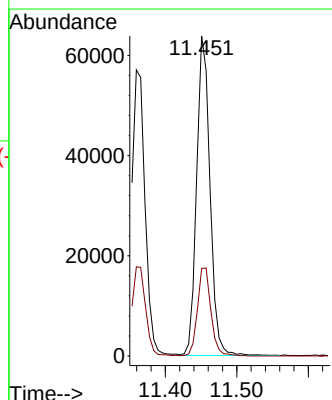
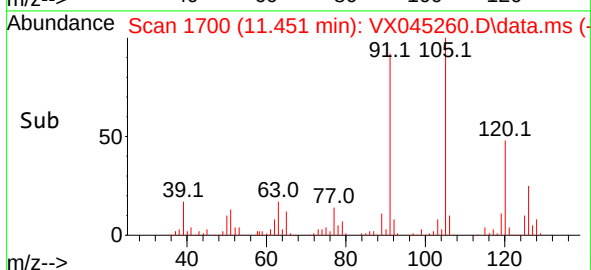
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

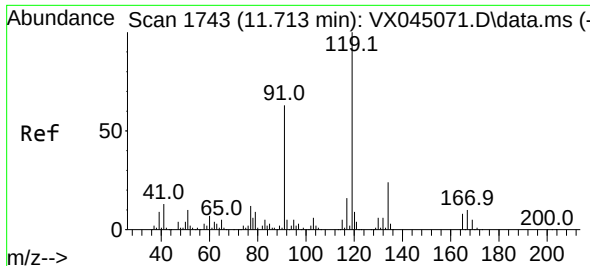


#82
4-Chlorotoluene
Concen: 19.835 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



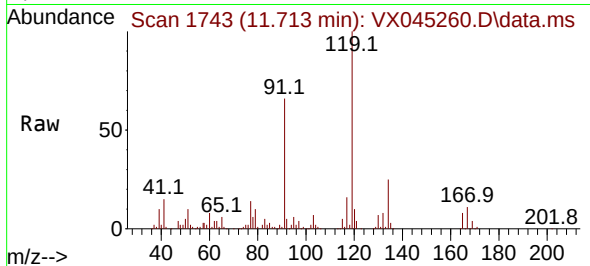
Tgt Ion: 91 Resp: 82758
Ion Ratio Lower Upper
91 100
126 27.8 14.1 42.4





#83
tert-Butylbenzene
Concen: 19.375 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

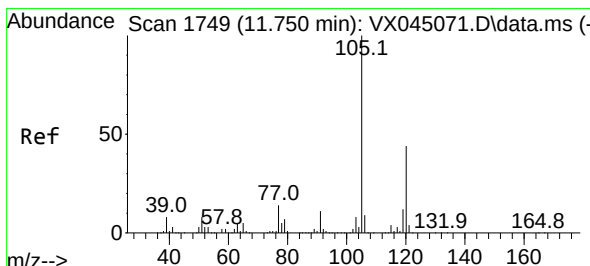
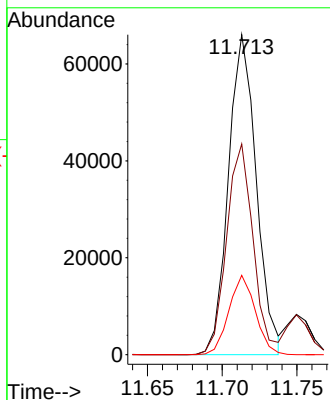
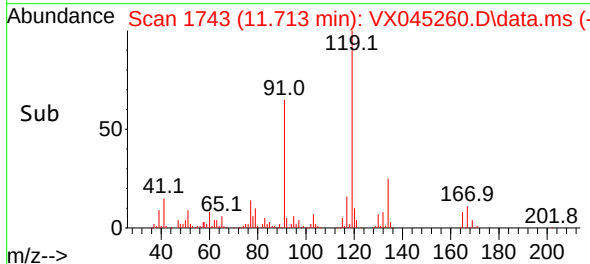
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



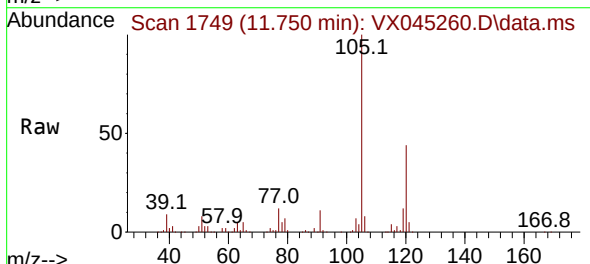
Tgt Ion:119 Resp: 85652
Ion Ratio Lower Upper
119 100
91 62.9 30.7 92.1
134 23.5 11.7 35.0

Manual Integrations
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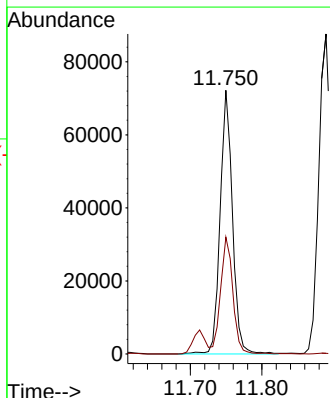
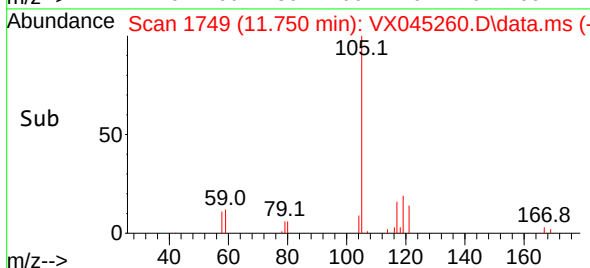
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

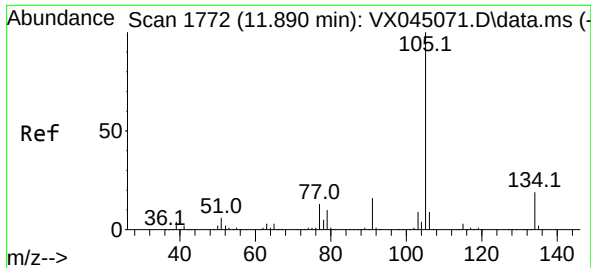


#84
1,2,4-Trimethylbenzene
Concen: 19.988 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



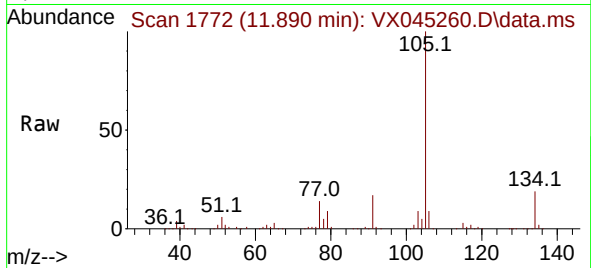
Tgt Ion:105 Resp: 86535
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 20.422 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045260.D
 Acq: 13 Mar 2025 11:38

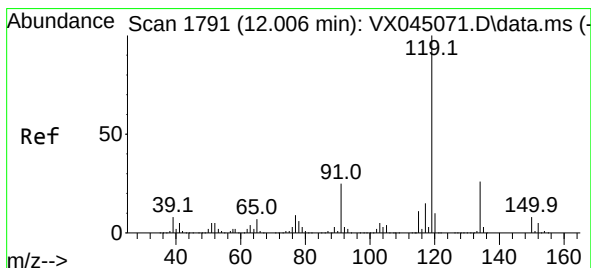
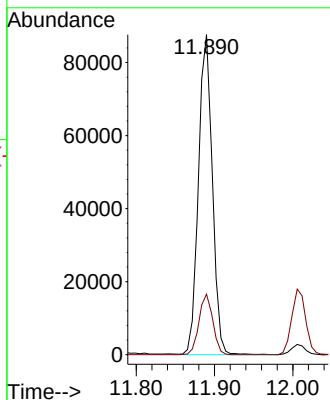
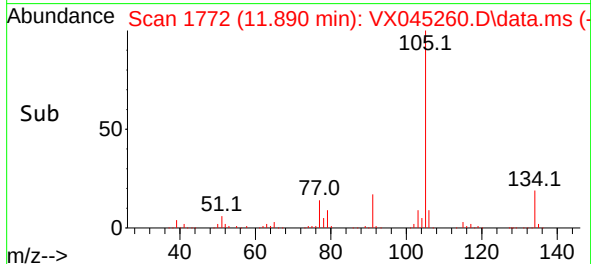
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01



Tgt Ion:105 Resp: 10814
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

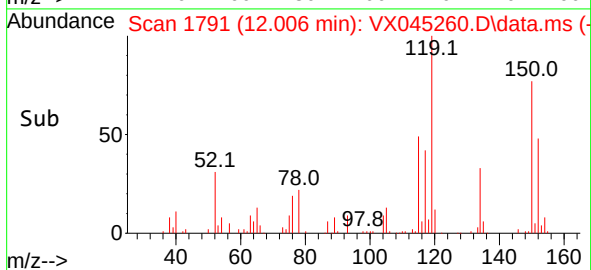
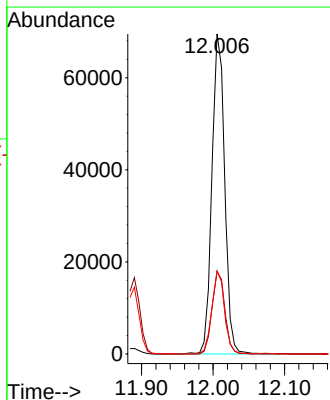
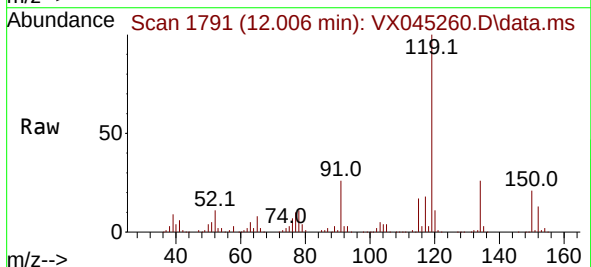
Manual Integrations
 APPROVED

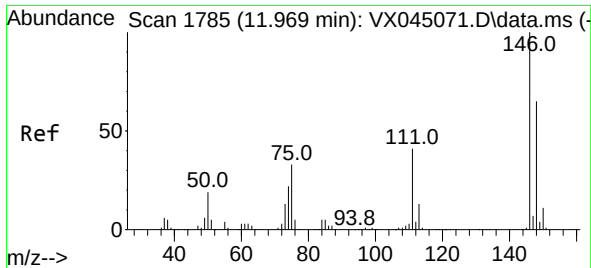
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#86
 p-Isopropyltoluene
 Concen: 20.120 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045260.D
 Acq: 13 Mar 2025 11:38

Tgt Ion:119 Resp: 86107
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 25.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.108 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tgt Ion:146 Resp: 42798

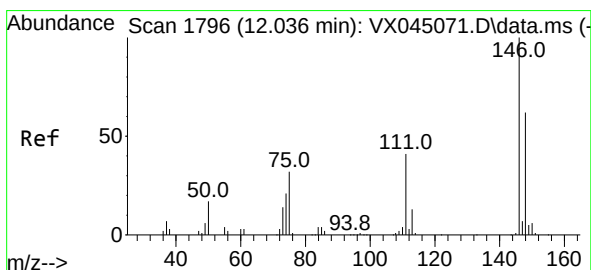
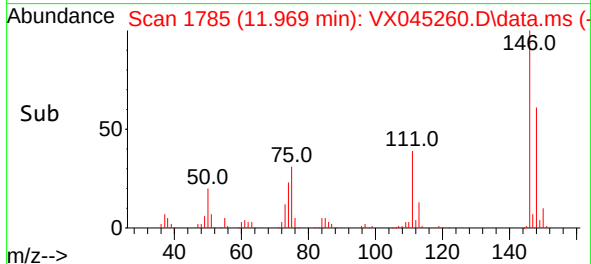
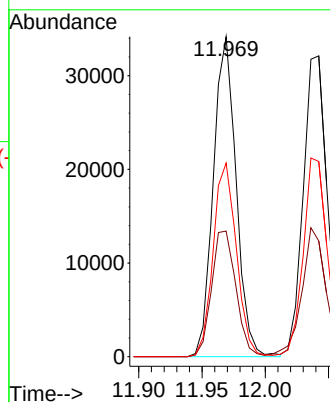
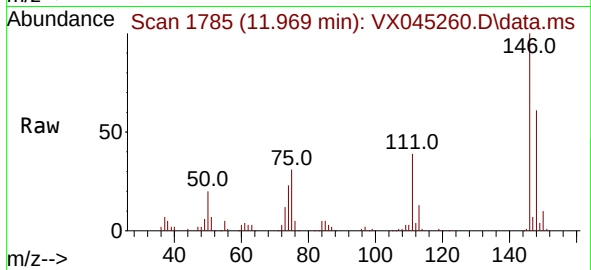
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.4
148	61.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#88

1,4-Dichlorobenzene

Concen: 18.649 ug/l

RT: 12.042 min Scan# 1797

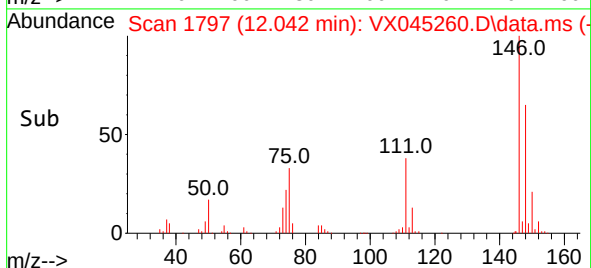
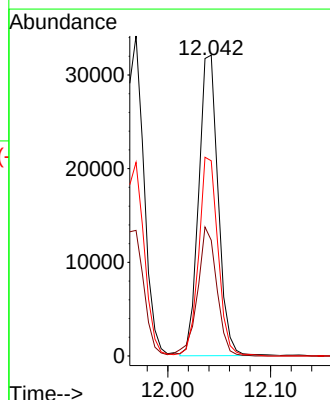
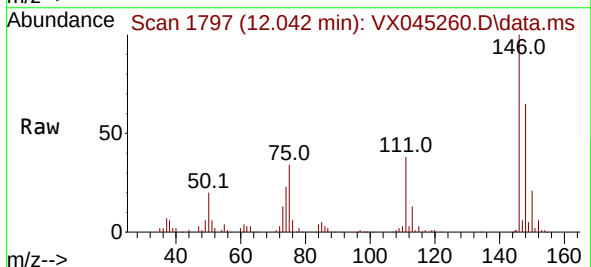
Delta R.T. 0.006 min

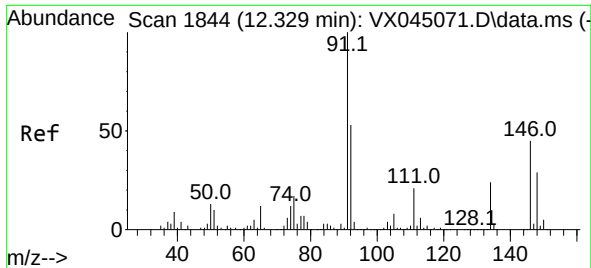
Lab File: VX045260.D

Acq: 13 Mar 2025 11:38

Tgt Ion:146 Resp: 42258

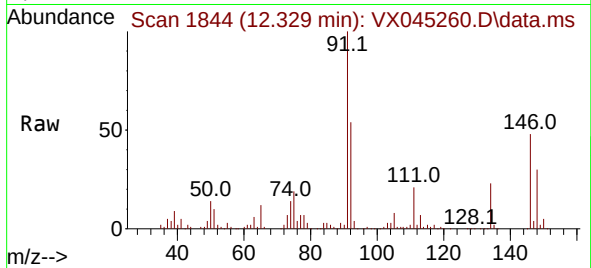
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.2	60.5
148	65.8	31.9	95.9





#89
n-Butylbenzene
Concen: 20.248 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

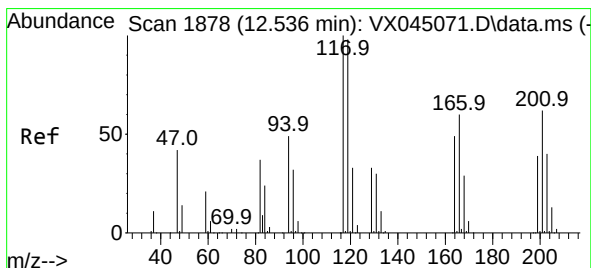
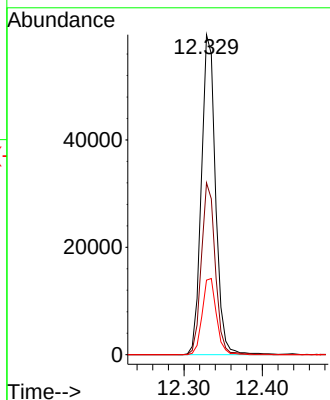
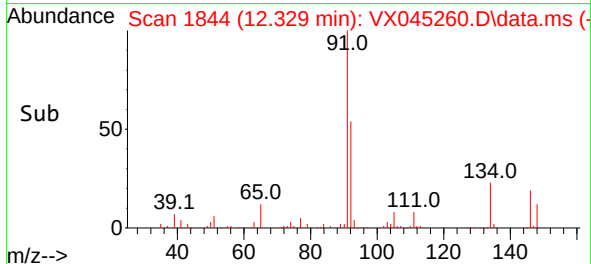
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



Tgt Ion: 91 Resp: 7463
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.0
134 23.9 12.2 36.6

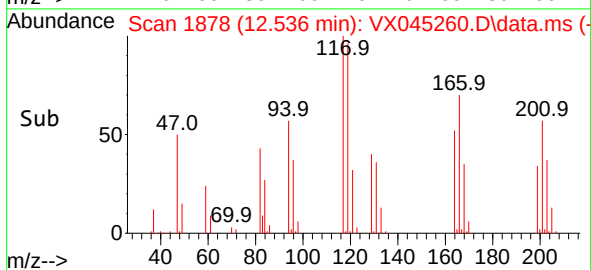
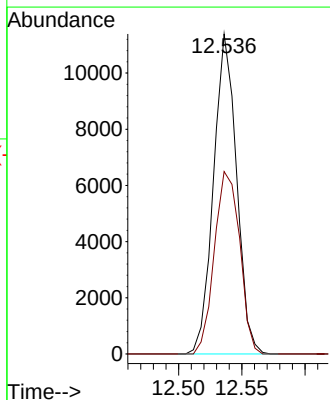
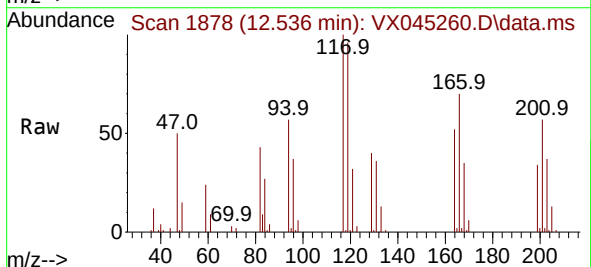
Manual Integrations
APPROVED

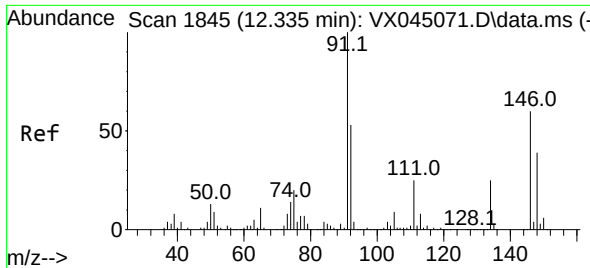
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#90
Hexachloroethane
Concen: 18.617 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

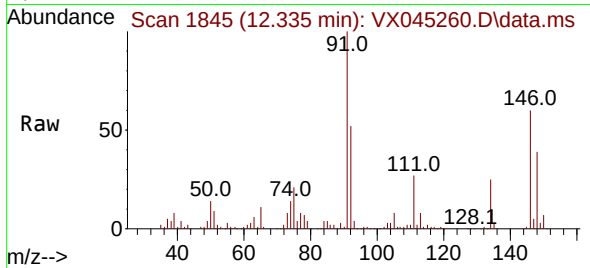
Tgt Ion:117 Resp: 14411
Ion Ratio Lower Upper
117 100
201 62.6 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 18.935 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

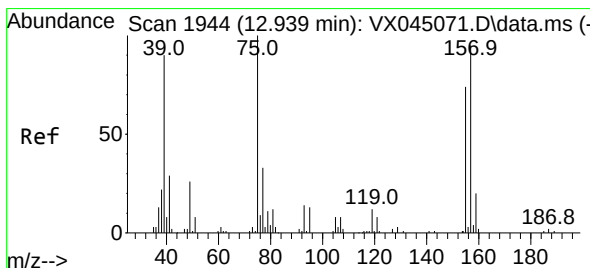
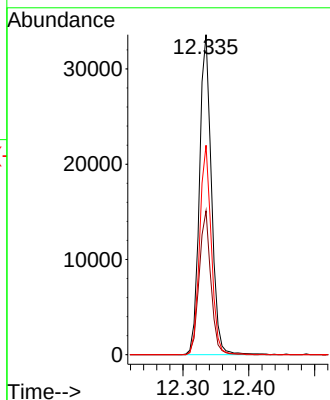
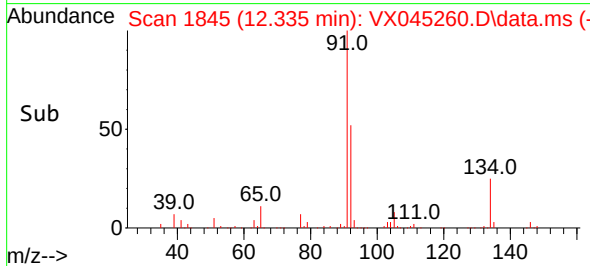
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



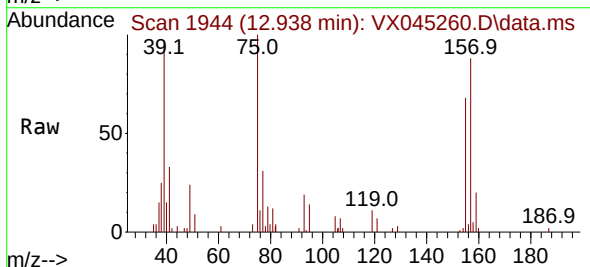
Tgt Ion:146 Resp: 42544
Ion Ratio Lower Upper
146 100
111 43.9 21.6 65.0
148 63.4 31.9 95.9

Manual Integrations
APPROVED

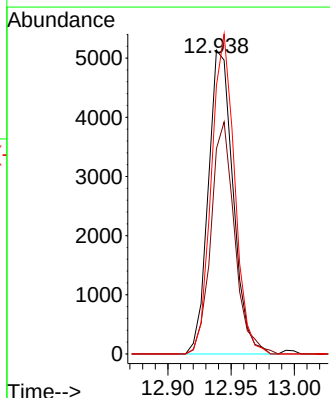
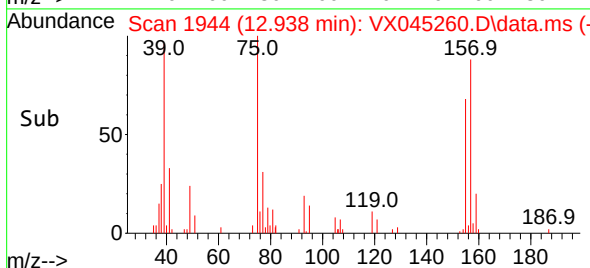
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

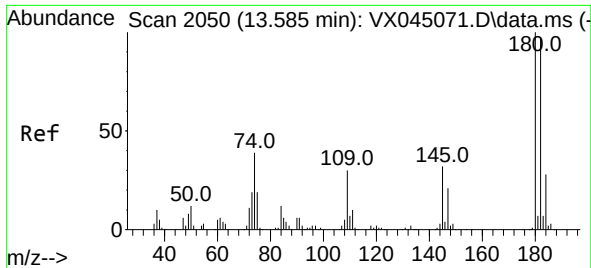


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.385 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



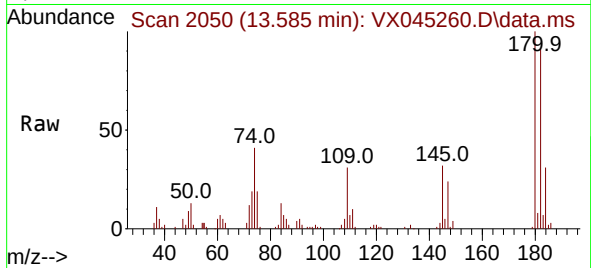
Tgt Ion: 75 Resp: 6994
Ion Ratio Lower Upper
75 100
155 72.8 39.6 118.7
157 98.6 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 17.762 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

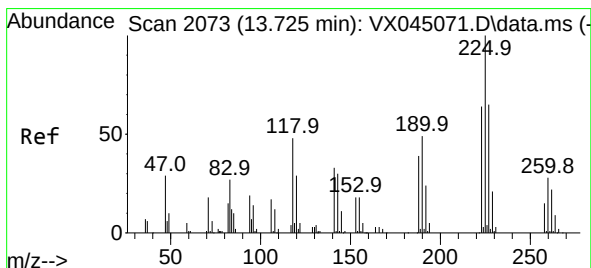
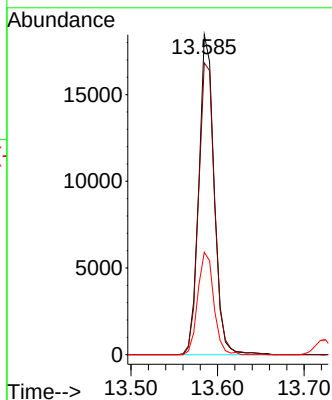
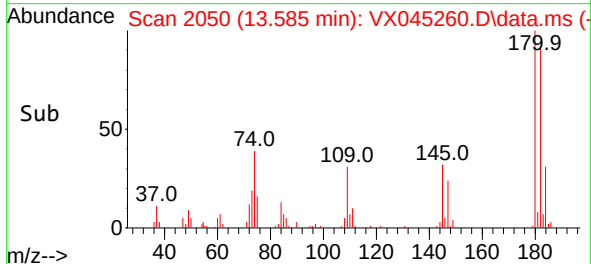
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



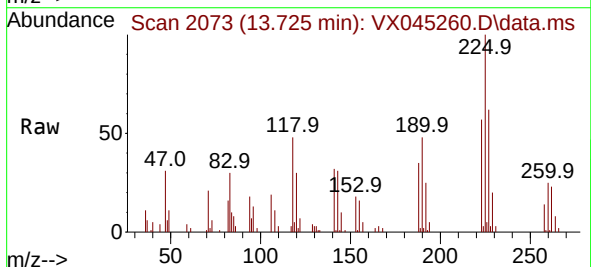
Tgt Ion:180 Resp: 22724
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 33.2 16.3 48.9

Manual Integrations
APPROVED

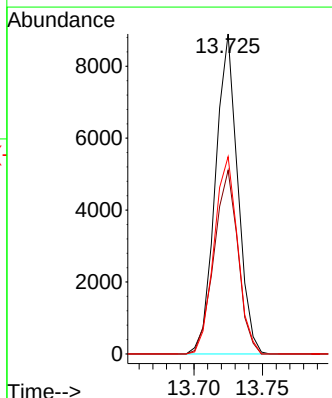
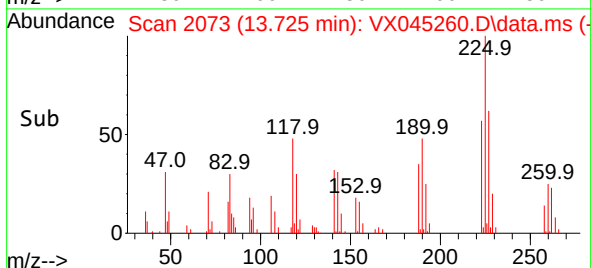
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

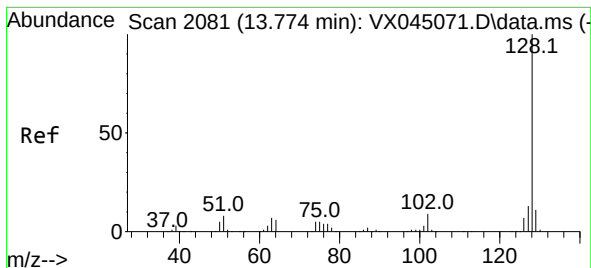


#94
Hexachlorobutadiene
Concen: 19.214 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



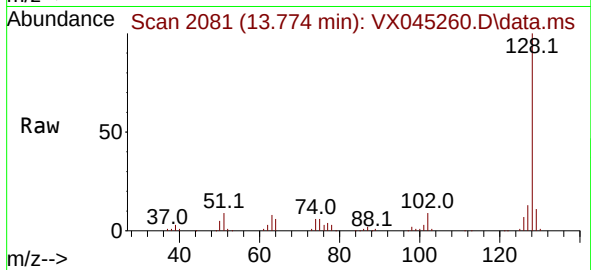
Tgt Ion:225 Resp: 10078
Ion Ratio Lower Upper
225 100
223 61.3 31.9 95.7
227 65.2 31.4 94.0





#95
Naphthalene
Concen: 17.744 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38

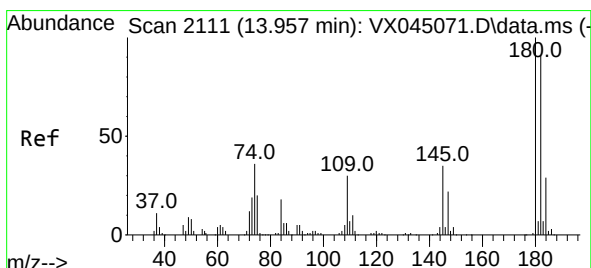
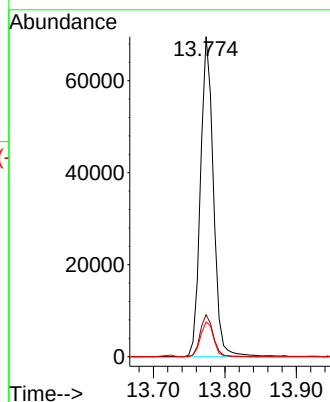
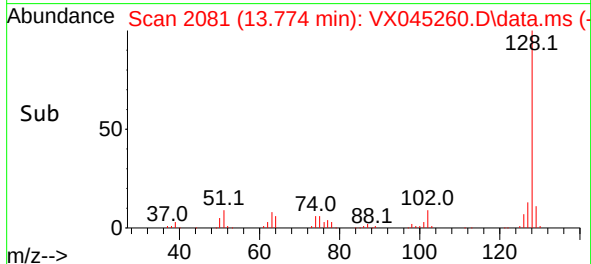
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01



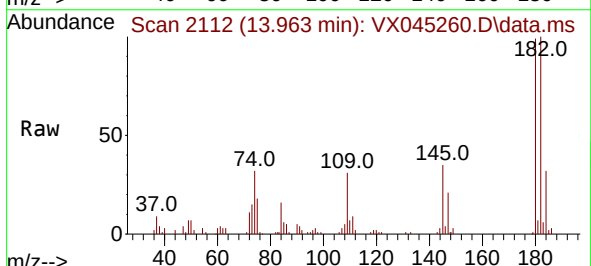
Tgt Ion:128 Resp: 87220
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.939 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045260.D
Acq: 13 Mar 2025 11:38



Tgt Ion:180 Resp: 24211
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.6
145 36.6 17.0 50.9

