

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045214.D
 Acq On : 11 Mar 2025 11:14
 Operator : JC/MD
 Sample : VX0311WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:43:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78434	52.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	5.385	113	59827	51.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	8.647	98	214187	51.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	73373	52.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23221	19.462	ug/l	93
3) Chloromethane	1.307	50	27497	18.832	ug/l	98
4) Vinyl Chloride	1.374	62	25371	17.516	ug/l	100
5) Bromomethane	1.593	94	10762	18.900	ug/l	99
6) Chloroethane	1.666	64	14288	21.385	ug/l	99
7) Trichlorofluoromethane	1.873	101	36662	19.119	ug/l	98
8) Diethyl Ether	2.130	74	13336	17.781	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	22963	20.844	ug/l	98
10) Methyl Iodide	2.440	142	26241	19.060	ug/l	98
11) Tert butyl alcohol	2.977	59	23827	83.432	ug/l	99
12) 1,1-Dichloroethene	2.306	96	21892	18.796	ug/l	96
13) Acrolein	2.233	56	27498	83.295	ug/l	98
14) Allyl chloride	2.654	41	42402	20.452	ug/l	97
15) Acrylonitrile	3.062	53	76815	100.359	ug/l	98
16) Acetone	2.379	43	68022	97.239	ug/l	100
17) Carbon Disulfide	2.501	76	52443	16.905	ug/l	99
18) Methyl Acetate	2.703	43	38406	22.822	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	76028	19.456	ug/l	97
20) Methylene Chloride	2.782	84	25706	18.551	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	22379	19.449	ug/l	96
22) Diisopropyl ether	3.763	45	82227	19.501	ug/l	92
23) Vinyl Acetate	3.721	43	347170	98.664	ug/l	100
24) 1,1-Dichloroethane	3.605	63	46401	19.636	ug/l	100
25) 2-Butanone	4.556	43	108494	103.036	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31745	28.640	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	27319	19.233	ug/l	93
28) Bromochloromethane	4.891	49	23024	20.441	ug/l	98
29) Tetrahydrofuran	5.007	42	69813	98.728	ug/l	99
30) Chloroform	5.092	83	46678	19.880	ug/l	96
31) Cyclohexane	5.458	56	40348	19.670	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	37908	19.990	ug/l	98
36) 1,1-Dichloropropene	5.684	75	29907	18.899	ug/l	99
37) Ethyl Acetate	4.714	43	38853	19.054	ug/l	100
38) Carbon Tetrachloride	5.665	117	31723	19.746	ug/l	94
39) Methylcyclohexane	7.372	83	37800	19.935	ug/l	96
40) Benzene	6.031	78	96762	19.364	ug/l	100

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Quant Time: Mar 12 01:43:44 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)
41) Methacrylonitrile	4.922	41	22316	20.240	ug/l	96
42) 1,2-Dichloroethane	6.086	62	35693	19.836	ug/l	100
43) Isopropyl Acetate	6.342	43	60338	20.011	ug/l	98
44) Trichloroethene	7.123	130	22228	18.944	ug/l	100
45) 1,2-Dichloropropane	7.421	63	24329	18.936	ug/l	92
46) Dibromomethane	7.580	93	18282	20.132	ug/l	97
47) Bromodichloromethane	7.818	83	34860	19.571	ug/l	100
48) Methyl methacrylate	7.696	41	30110	19.905	ug/l	96
49) 1,4-Dioxane	7.665	88	12029	376.974	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	214467	105.932	ug/l	99
52) Toluene	8.714	92	58726	20.030	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29814	20.021	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	35732	20.578	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23516	19.483	ug/l	98
56) Ethyl methacrylate	9.116	69	35989	19.616	ug/l	95
57) 1,3-Dichloropropane	9.305	76	42034	20.124	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	86098	96.201	ug/l	98
59) 2-Hexanone	9.427	43	159240	108.556	ug/l	100
60) Dibromochloromethane	9.518	129	24640	19.524	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23673	19.647	ug/l	98
64) Tetrachloroethene	9.268	164	18990	19.537	ug/l	94
65) Chlorobenzene	10.079	112	63389	19.739	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	21025	19.659	ug/l	97
67) Ethyl Benzene	10.189	91	110625	19.770	ug/l	97
68) m/p-Xylenes	10.299	106	82080	40.069	ug/l	100
69) o-Xylene	10.640	106	40108	19.413	ug/l	99
70) Styrene	10.652	104	67728	20.260	ug/l	100
71) Bromoform	10.799	173	16153	20.029	ug/l #	96
73) Isopropylbenzene	10.963	105	107006	19.084	ug/l	99
74) N-amyl acetate	10.841	43	50165	19.067	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	40119	19.498	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	32153m	19.230	ug/l	
77) Bromobenzene	11.195	156	24515	18.531	ug/l	99
78) n-propylbenzene	11.305	91	121782	19.227	ug/l	99
79) 2-Chlorotoluene	11.360	91	74331	18.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	87665	19.336	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8908	18.233	ug/l	92
82) 4-Chlorotoluene	11.451	91	84393	19.196	ug/l	99
83) tert-Butylbenzene	11.713	119	87407	18.764	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	87408	19.161	ug/l	99
85) sec-Butylbenzene	11.890	105	109340	19.595	ug/l	100
86) p-Isopropyltoluene	12.006	119	89213	19.784	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	45456	19.261	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	44731	18.734	ug/l	99
89) n-Butylbenzene	12.329	91	77043	19.837	ug/l	99
90) Hexachloroethane	12.536	117	14295	17.526	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	45966	19.416	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7663	19.117	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	25441	18.873	ug/l	99
94) Hexachlorobutadiene	13.725	225	11095	20.075	ug/l	96
95) Naphthalene	13.774	128	97611	18.846	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26572	18.685	ug/l	99

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MSVOA_X
ClientSampleId :
VX0311WBS01

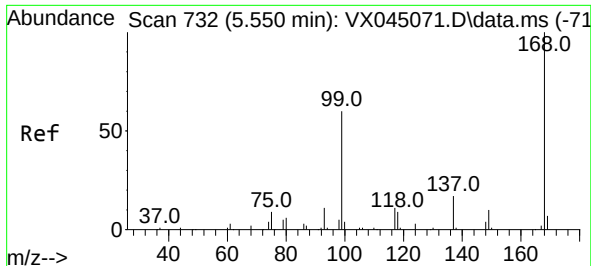
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:43:44 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

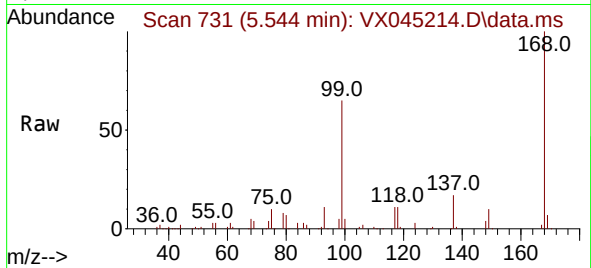
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045214.D
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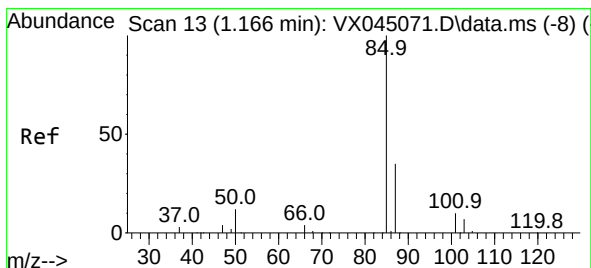
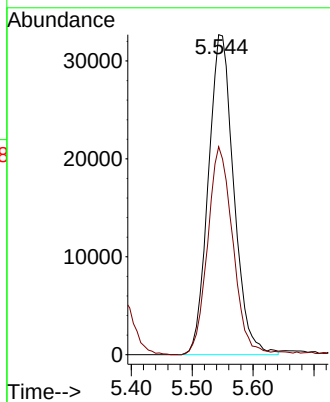
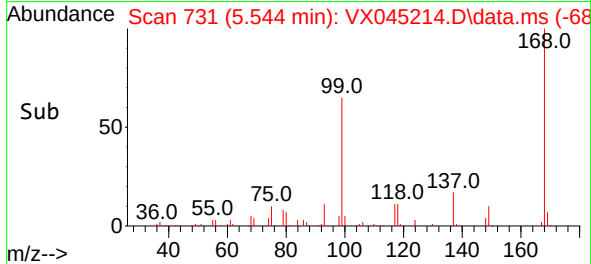
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:168 Resp: 94780
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4

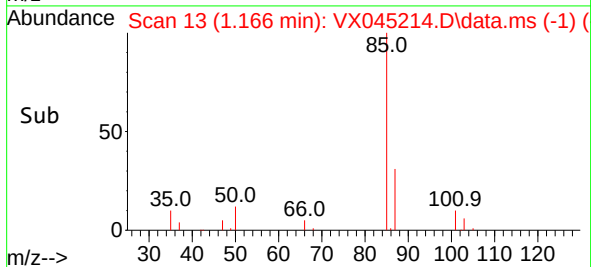
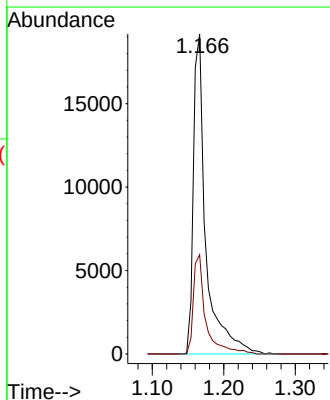
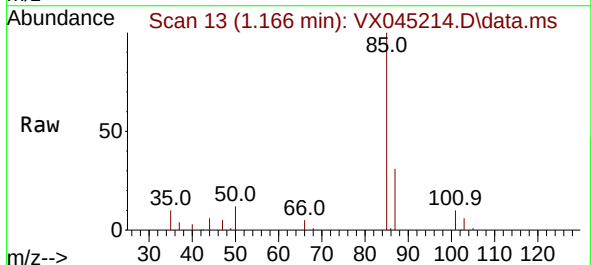
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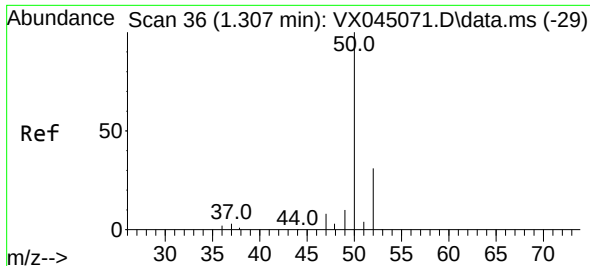
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 19.462 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

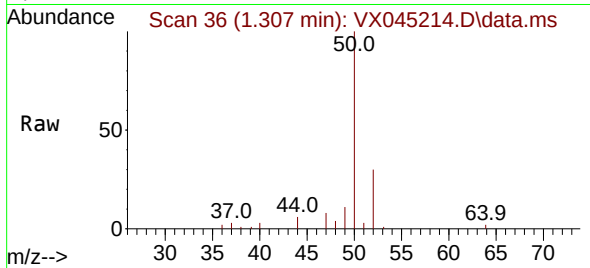
Tgt Ion: 85 Resp: 23221
Ion Ratio Lower Upper
85 100
87 31.0 17.4 52.3





#3
Chloromethane
Concen: 18.832 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

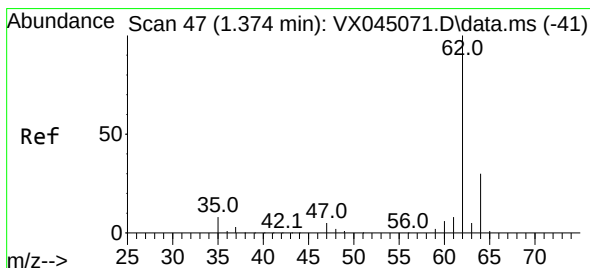
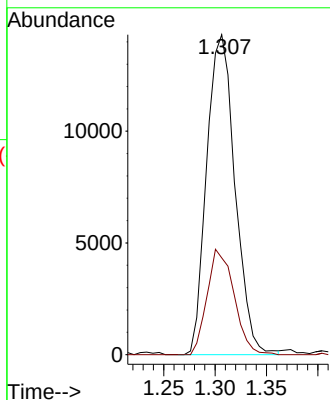
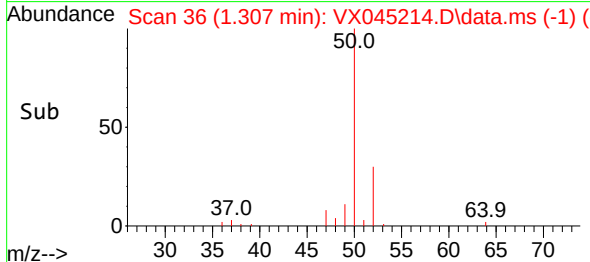
Instrument :
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ClientSampleId :
VX0311WBS01



Tgt Ion: 50 Resp: 2749
Ion Ratio Lower Upper
50 100
52 30.2 25.0 37.4

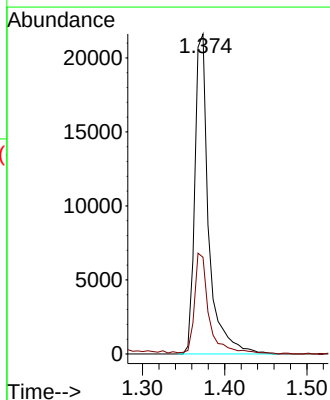
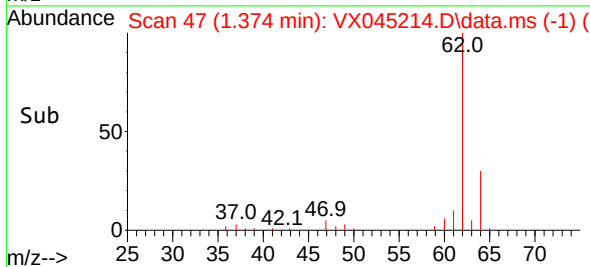
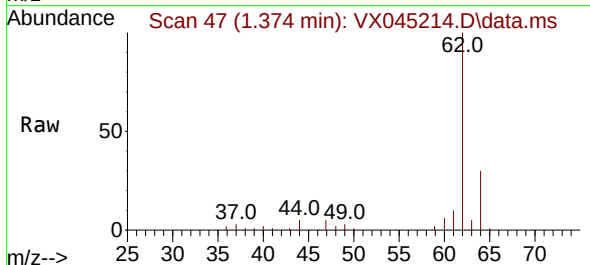
Manual Integrations
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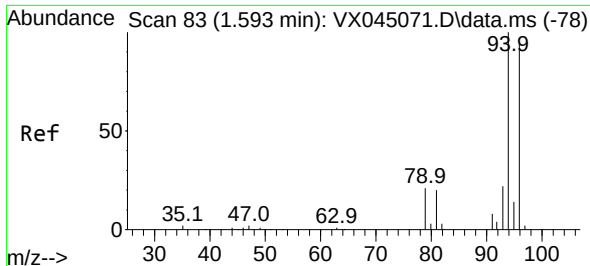
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#4
Vinyl Chloride
Concen: 17.516 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

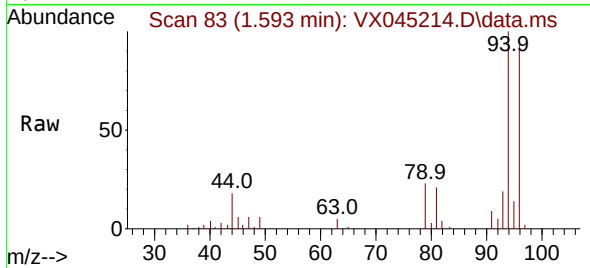
Tgt Ion: 62 Resp: 25371
Ion Ratio Lower Upper
62 100
64 30.2 24.3 36.5





#5
Bromomethane
Concen: 18.900 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

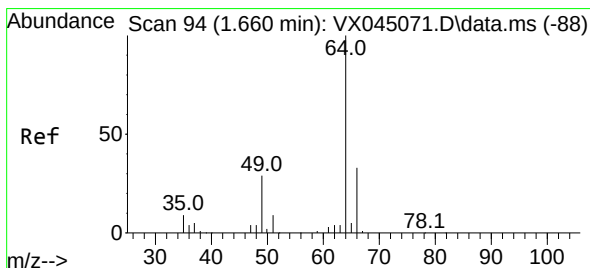
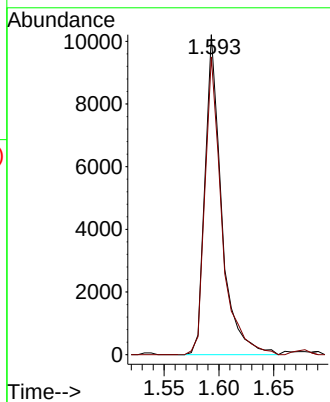
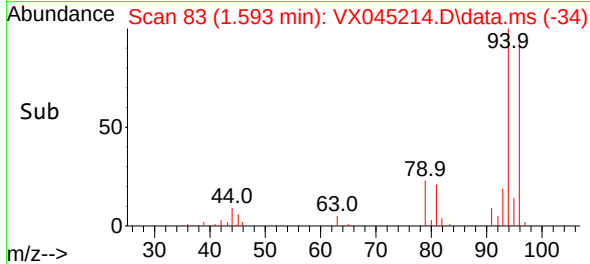
Instrument :
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Tgt Ion: 94 Resp: 10762
Ion Ratio Lower Upper
94 100
96 93.1 75.0 112.4

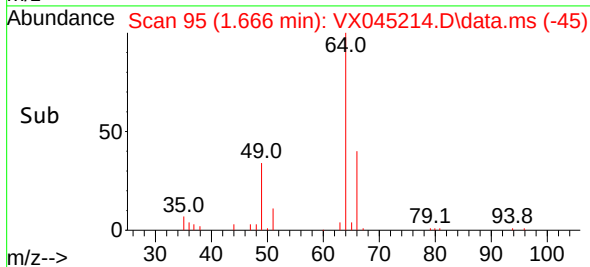
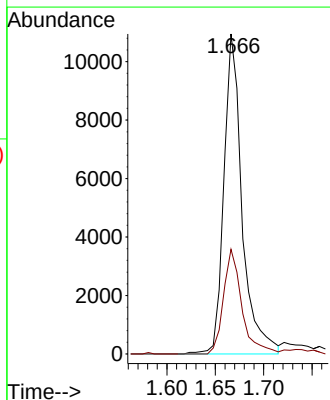
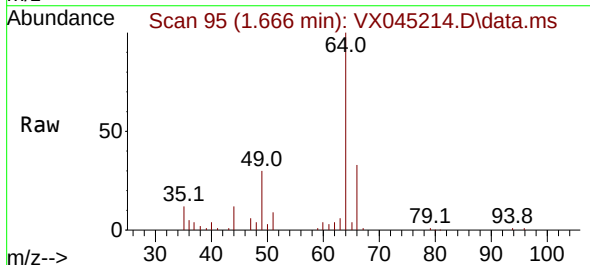
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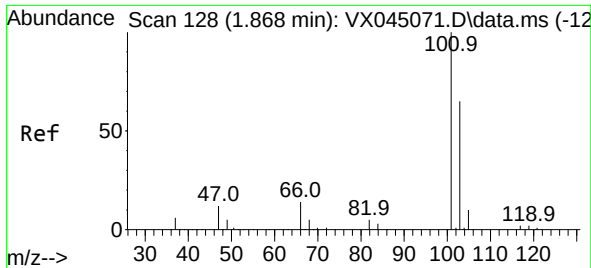
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#6
Chloroethane
Concen: 21.385 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

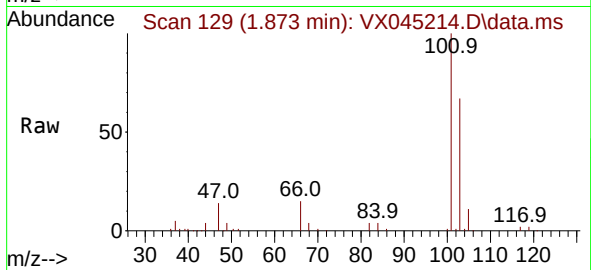
Tgt Ion: 64 Resp: 14288
Ion Ratio Lower Upper
64 100
66 32.7 26.7 40.1





#7
Trichlorofluoromethane
Concen: 19.119 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

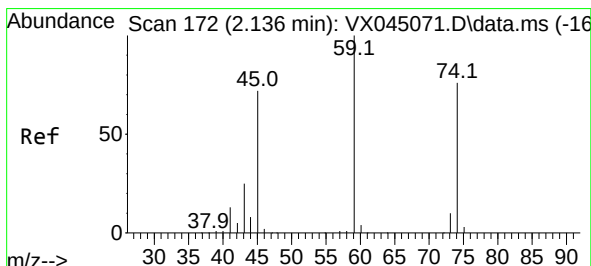
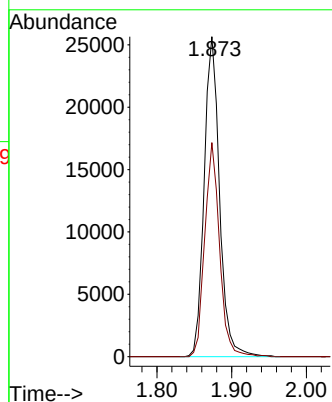
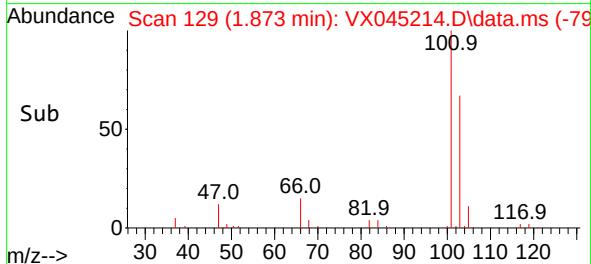
Instrument :
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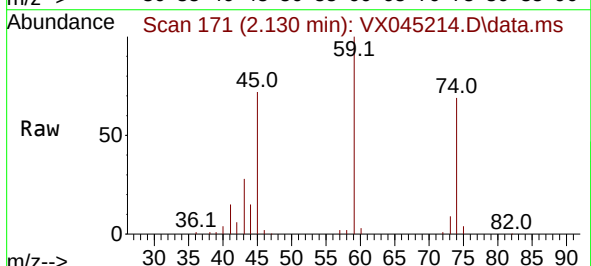
Tgt Ion:101 Resp: 3666
Ion Ratio Lower Upper
101 100
103 66.9 52.1 78.1

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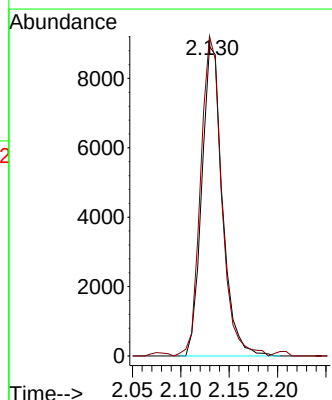
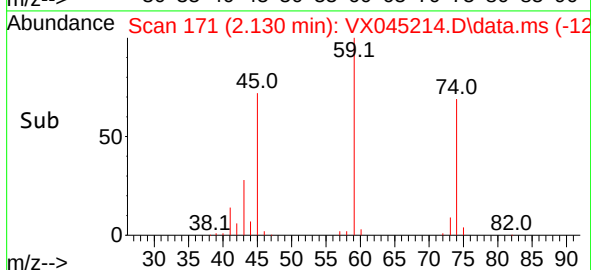
Reviewed By :John Carlone 03/12/2025
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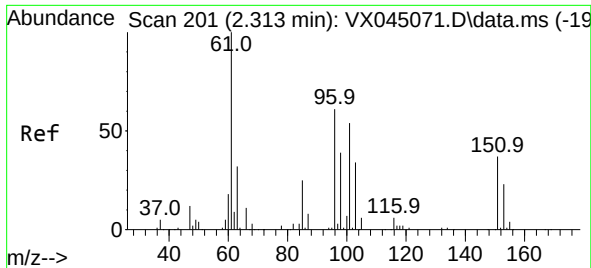


#8
Diethyl Ether
Concen: 17.781 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045214.D
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Tgt Ion: 74 Resp: 13336
Ion Ratio Lower Upper
74 100
45 104.8 51.5 154.5





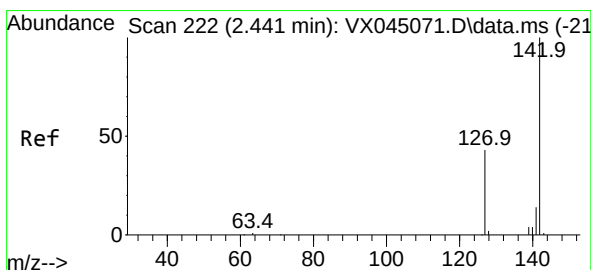
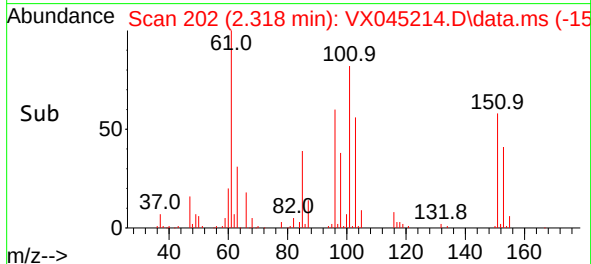
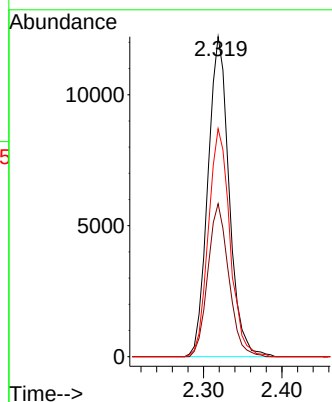
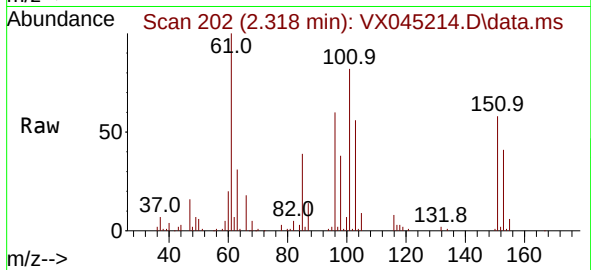
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.844 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

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MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion:101 Resp: 2296
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 72.4 56.4 84.6

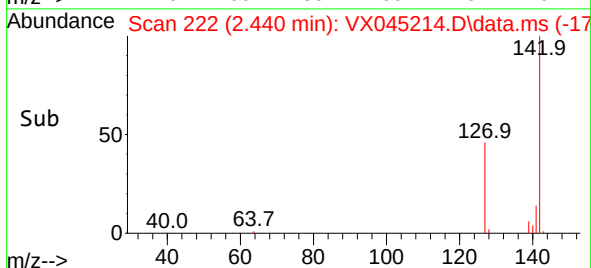
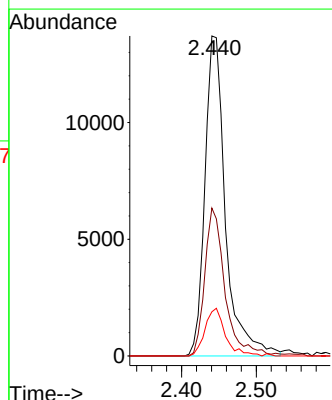
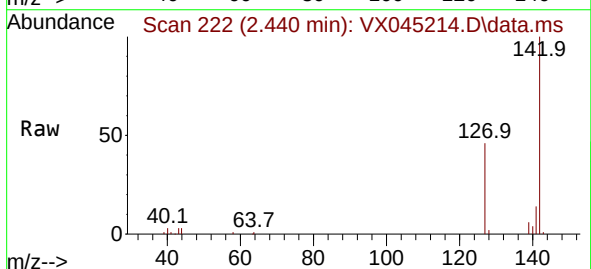
Manual Integrations
APPROVED

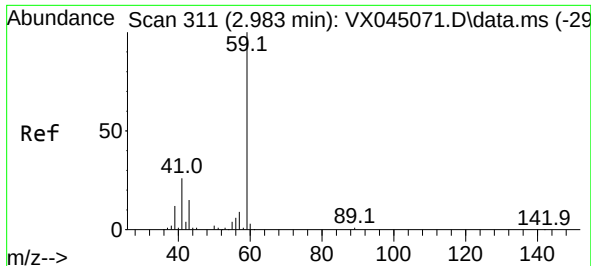
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#10
Methyl Iodide
Concen: 19.060 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion:142 Resp: 26241
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.2
141 14.7 11.6 17.4





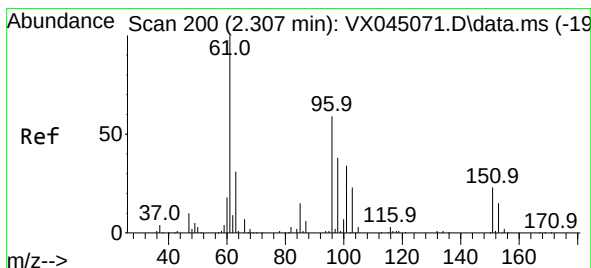
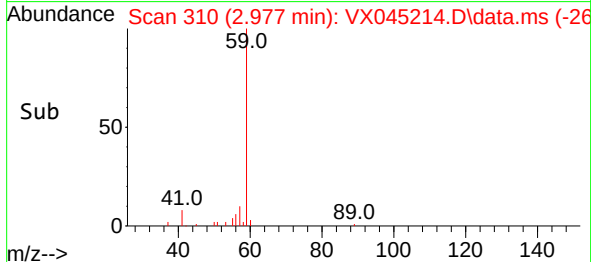
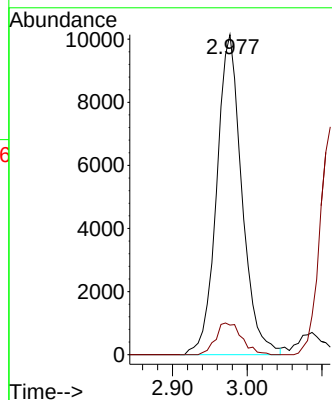
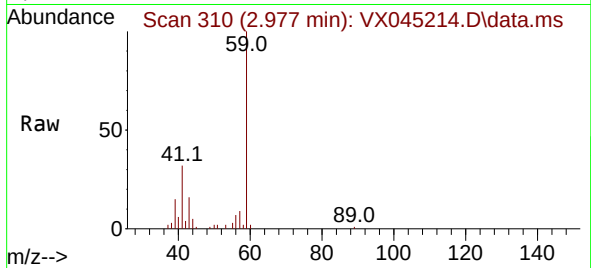
#11
Tert butyl alcohol
Concen: 83.432 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 59 Resp: 2382
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

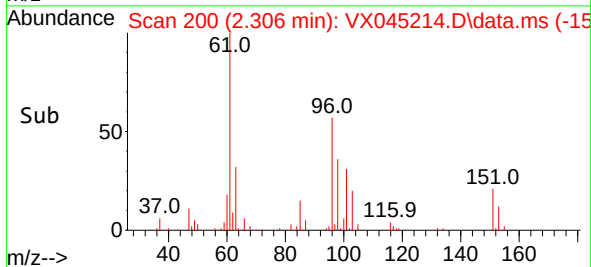
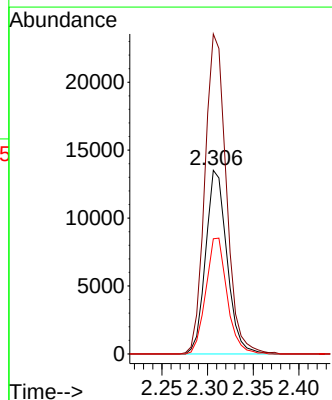
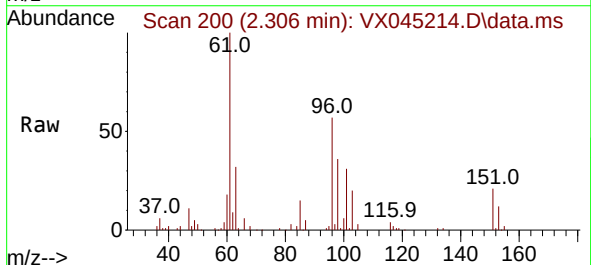
Manual Integrations
APPROVED

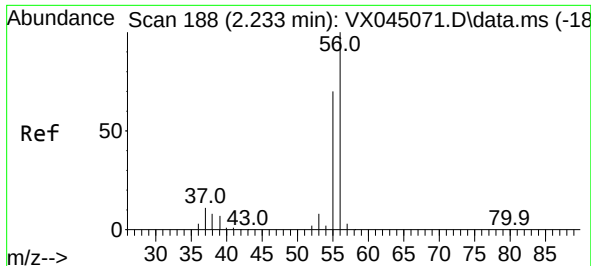
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#12
1,1-Dichloroethene
Concen: 18.796 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

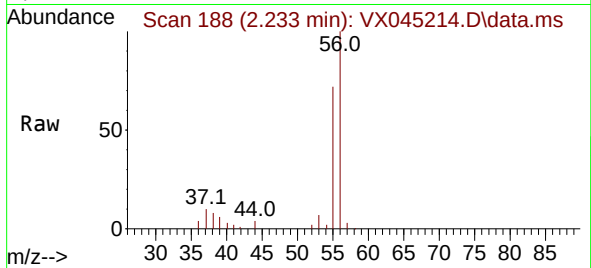
Tgt Ion: 96 Resp: 21892
Ion Ratio Lower Upper
96 100
61 174.2 134.6 202.0
98 62.7 51.0 76.6





#13
Acrolein
Concen: 83.295 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

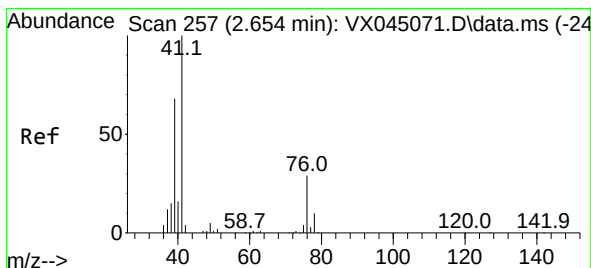
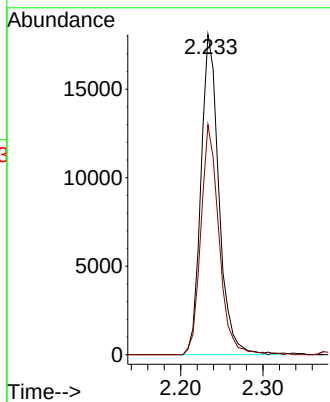
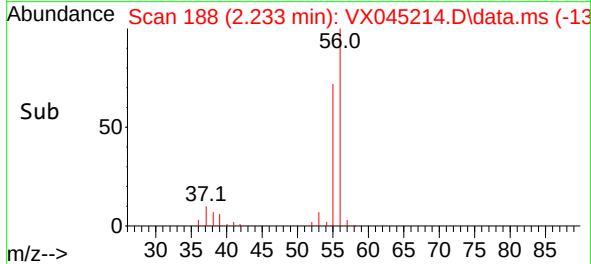
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 56 Resp: 27498
Ion Ratio Lower Upper
56 100
55 72.3 56.2 84.4

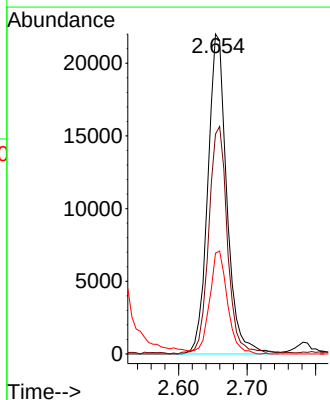
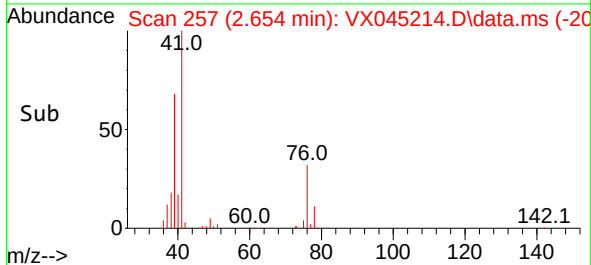
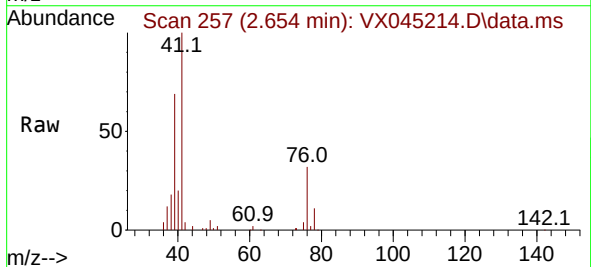
Manual Integrations
APPROVED

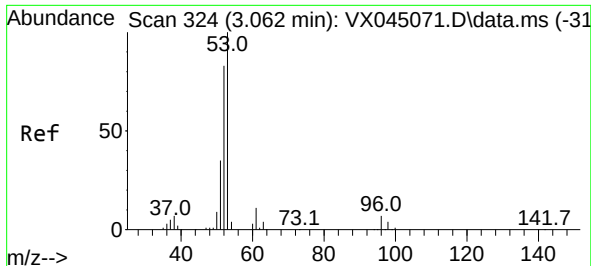
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#14
Allyl chloride
Concen: 20.452 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

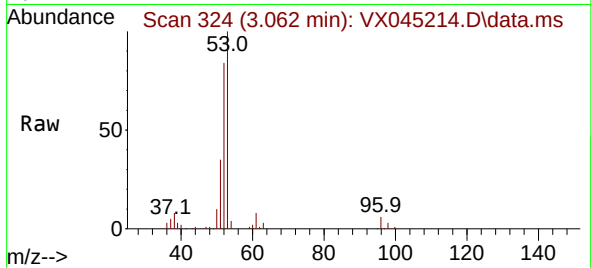
Tgt Ion: 41 Resp: 42402
Ion Ratio Lower Upper
41 100
39 70.5 53.8 80.8
76 30.2 25.2 37.8





#15
Acrylonitrile
Concen: 100.359 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

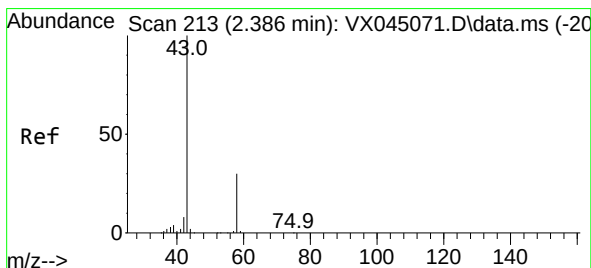
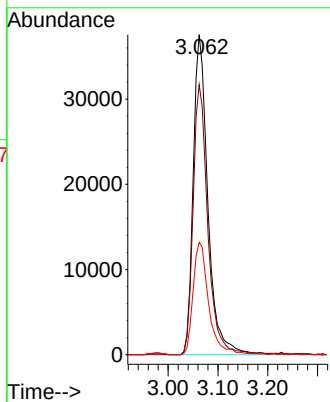
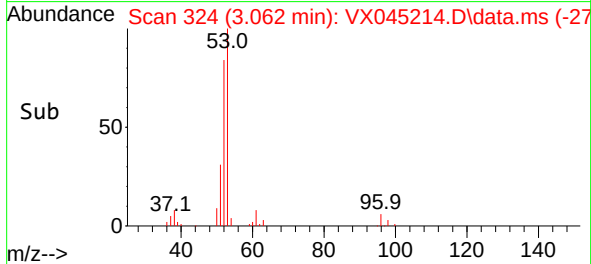
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 53 Resp: 76815
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.1 29.0 43.4

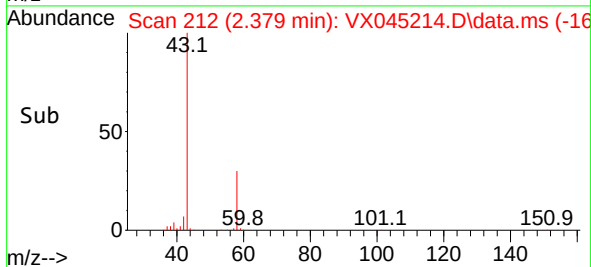
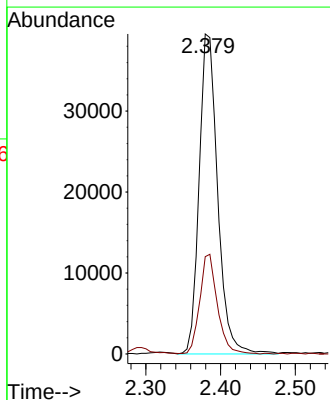
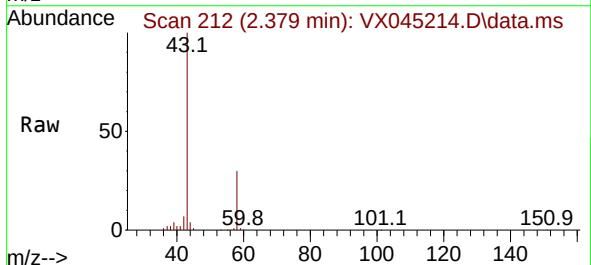
Manual Integrations
APPROVED

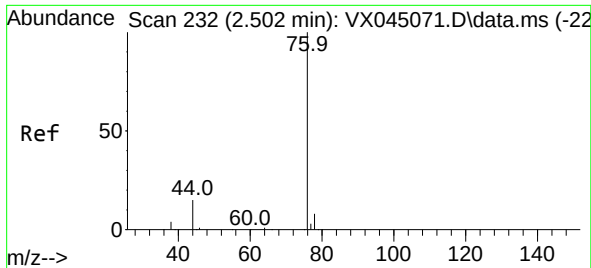
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#16
Acetone
Concen: 97.239 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 43 Resp: 68022
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.4





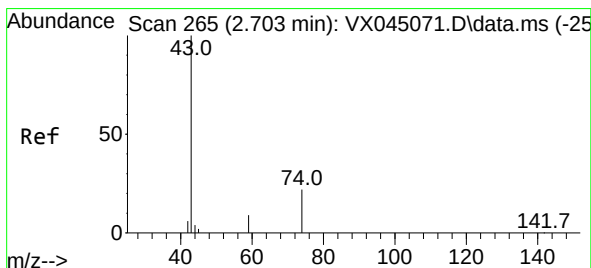
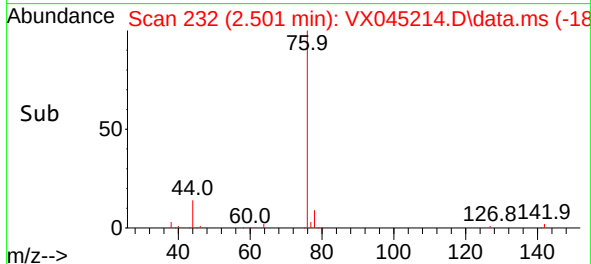
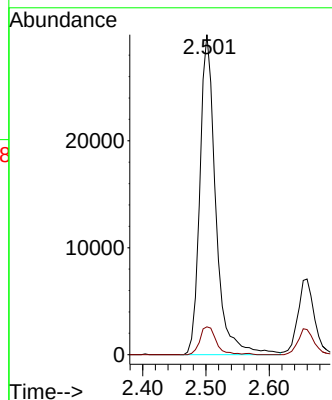
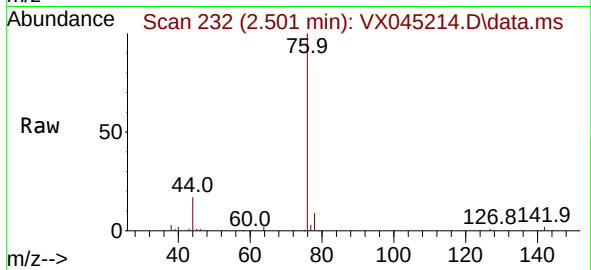
#17
Carbon Disulfide
Concen: 16.905 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 76 Resp: 5244
Ion Ratio Lower Upper
76 100
78 8.7 6.6 9.8

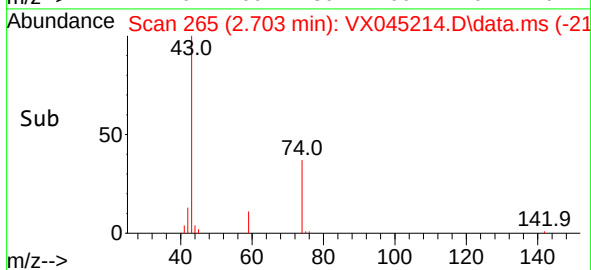
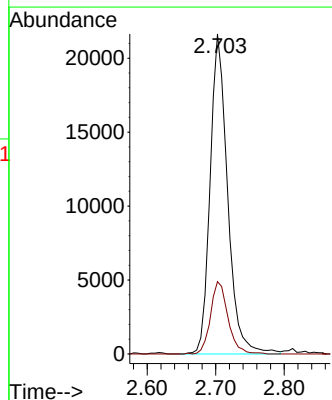
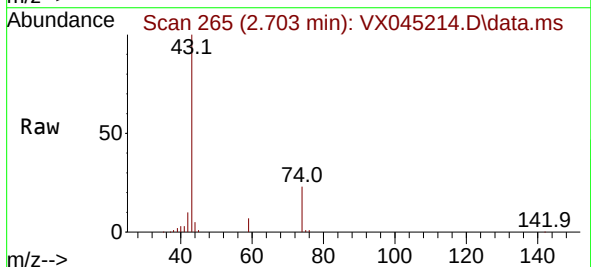
Manual Integrations
APPROVED

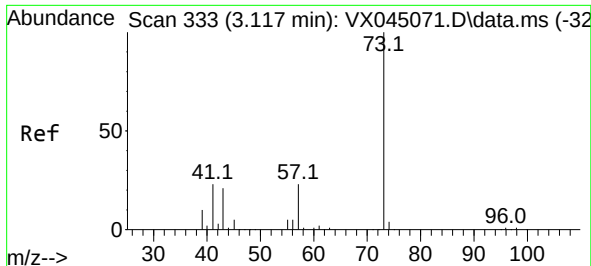
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#18
Methyl Acetate
Concen: 22.822 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 43 Resp: 38406
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.2





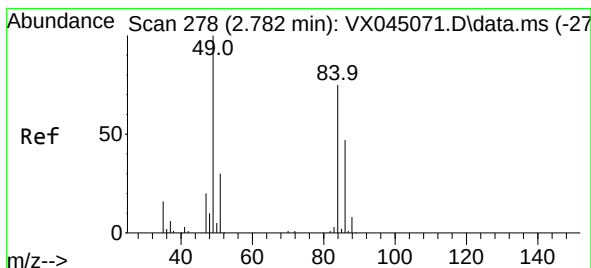
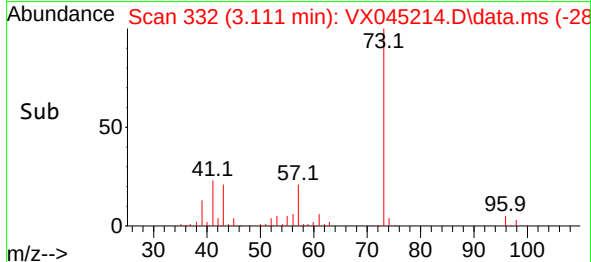
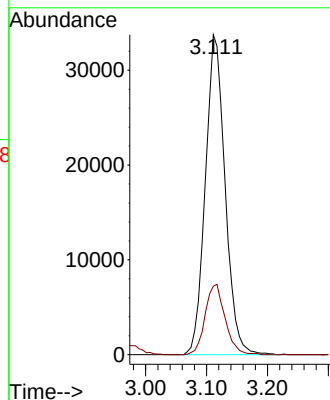
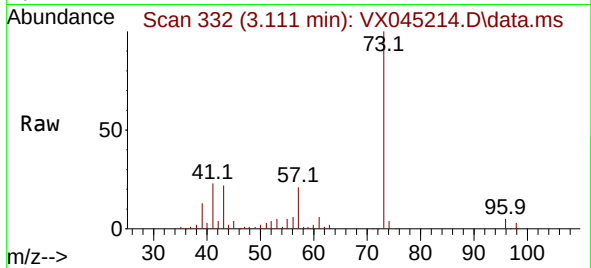
#19
Methyl tert-butyl Ether
Concen: 19.456 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 73 Resp: 76028
Ion Ratio Lower Upper
73 100
57 21.4 18.5 27.7

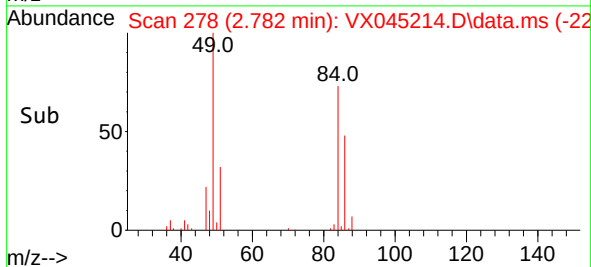
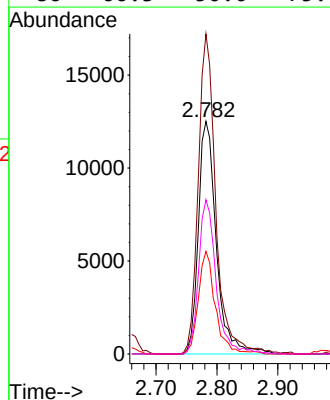
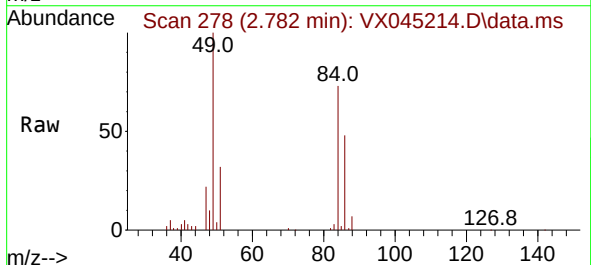
Manual Integrations
APPROVED

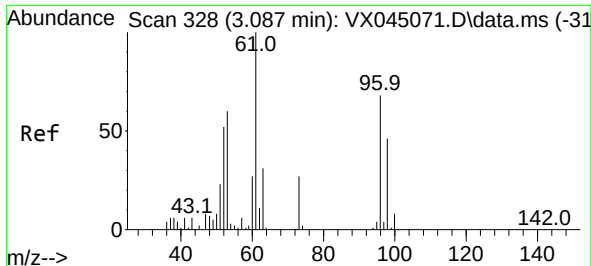
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#20
Methylene Chloride
Concen: 18.551 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

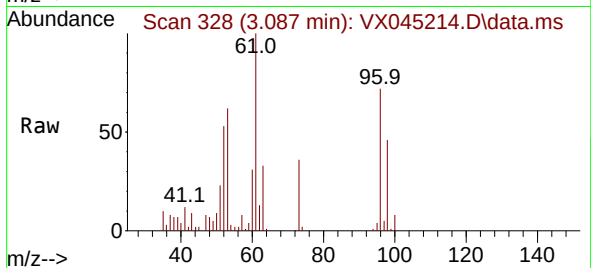
Tgt Ion: 84 Resp: 25706
Ion Ratio Lower Upper
84 100
49 137.6 106.5 159.7
51 44.1 32.1 48.1
86 66.3 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 19.449 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

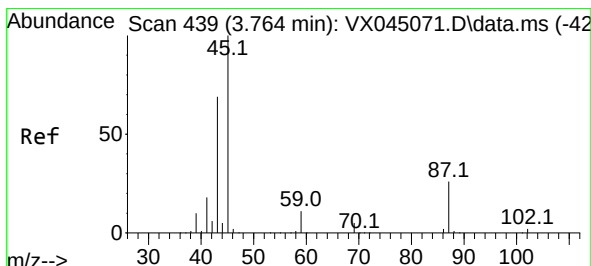
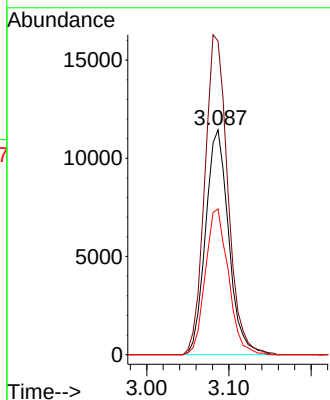
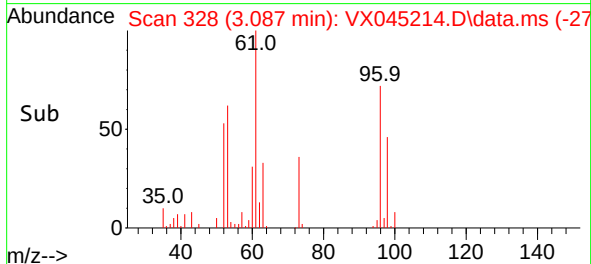
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 96 Resp: 22379
Ion Ratio Lower Upper
96 100
61 139.5 117.0 175.4
98 64.8 53.4 80.2

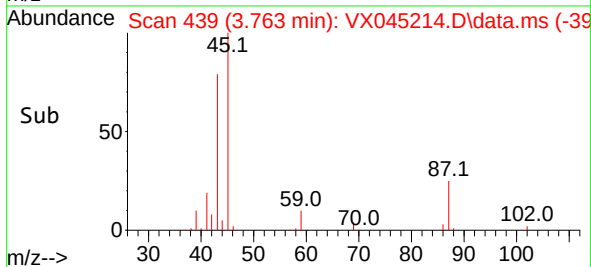
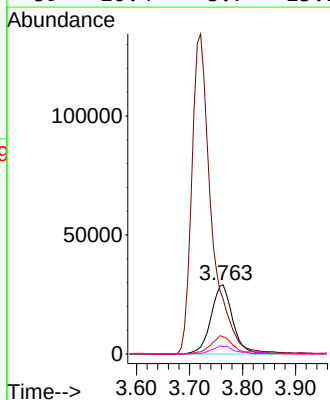
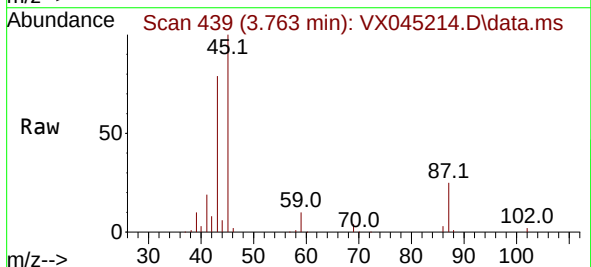
Manual Integrations
APPROVED

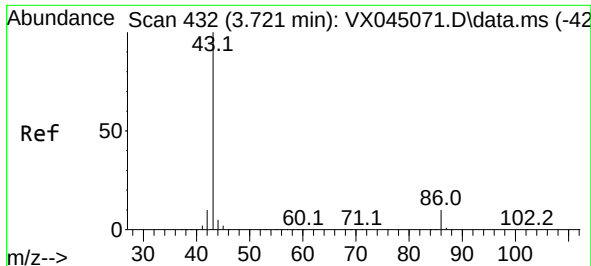
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#22
Diisopropyl ether
Concen: 19.501 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

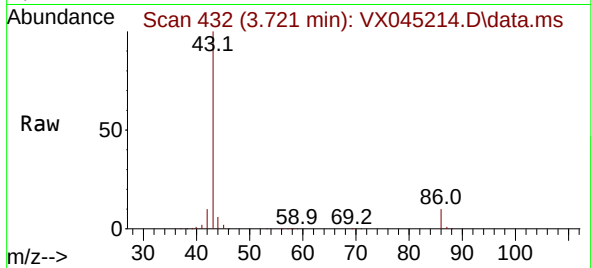
Tgt Ion: 45 Resp: 82227
Ion Ratio Lower Upper
45 100
43 78.2 54.9 82.3
87 25.1 21.0 31.4
59 10.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 98.664 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14

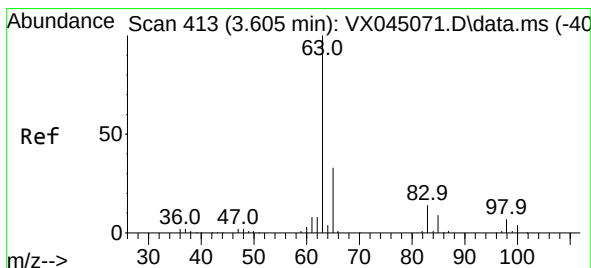
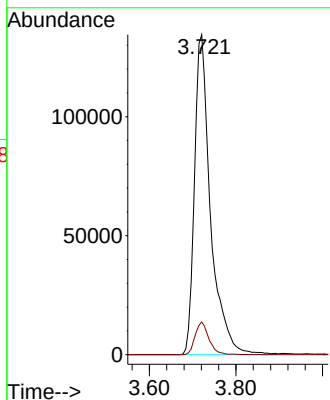
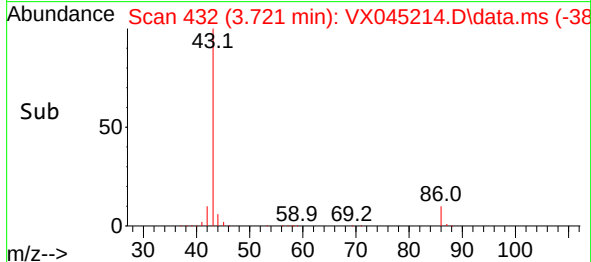
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01



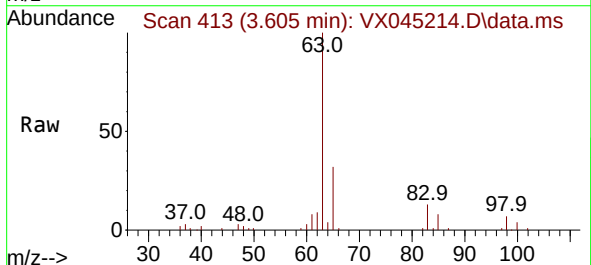
Tgt Ion: 43 Resp: 347170
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1

Manual Integrations
 APPROVED

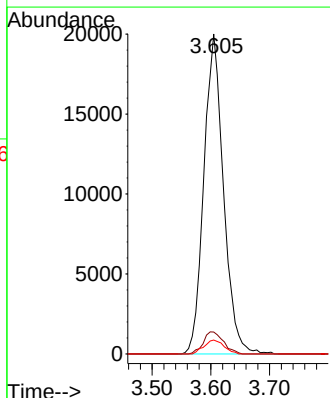
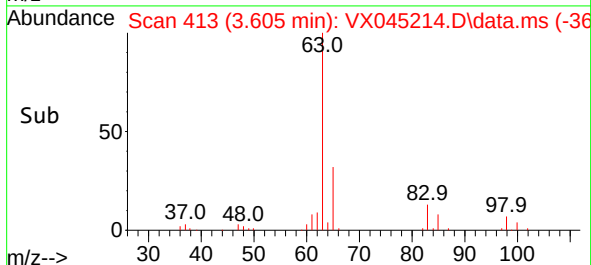
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

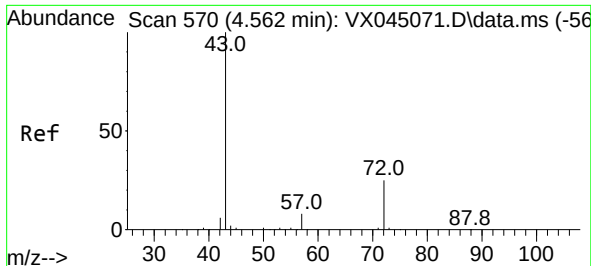


#24
 1,1-Dichloroethane
 Concen: 19.636 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14



Tgt Ion: 63 Resp: 46401
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.4 2.1 6.5





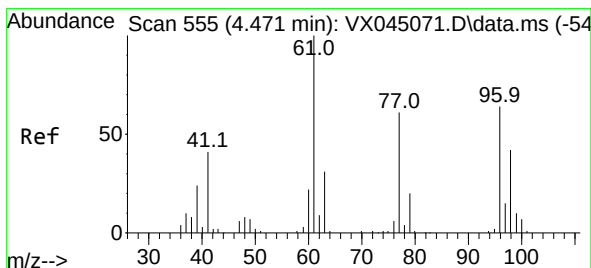
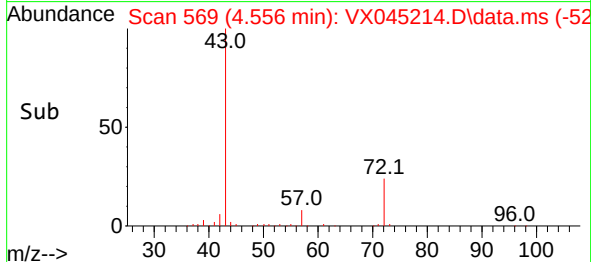
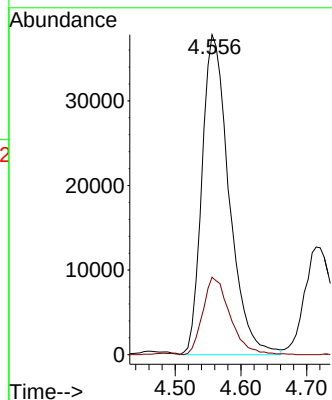
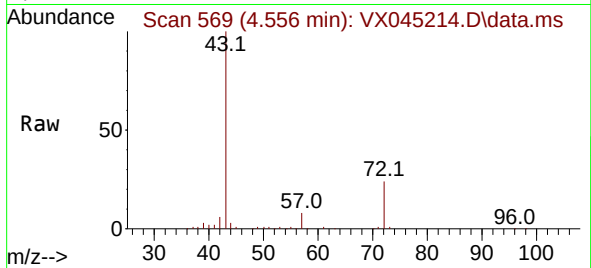
#25
2-Butanone
Concen: 103.036 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 43 Resp: 108494
Ion Ratio Lower Upper
43 100
72 24.0 20.0 30.0

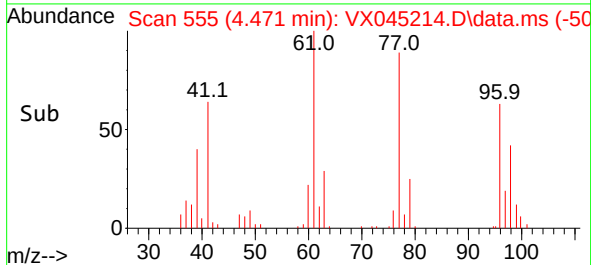
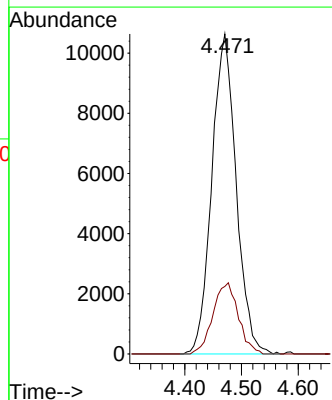
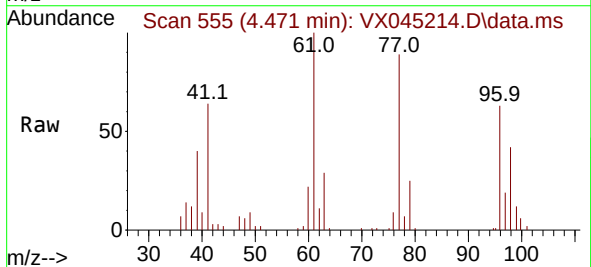
Manual Integrations
APPROVED

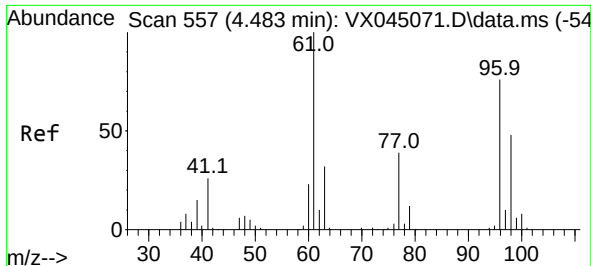
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#26
2,2-Dichloropropane
Concen: 28.640 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

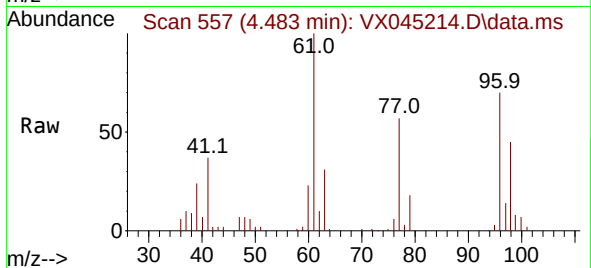
Tgt Ion: 77 Resp: 31745
Ion Ratio Lower Upper
77 100
97 23.1 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.233 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14

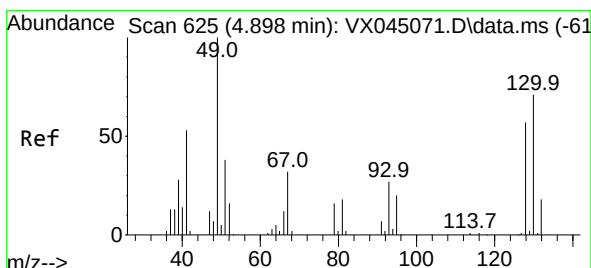
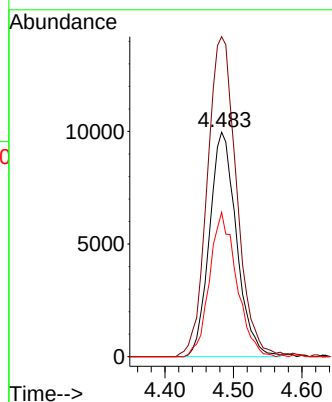
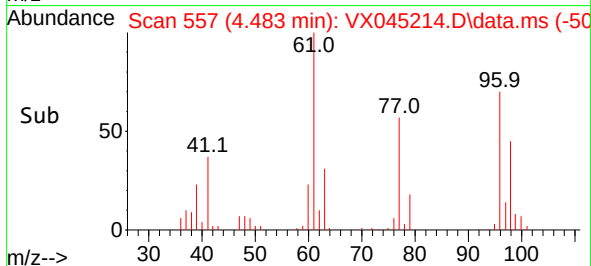
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01



Tgt Ion: 96 Resp: 27319
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 283.2
 98 64.3 0.0 128.0

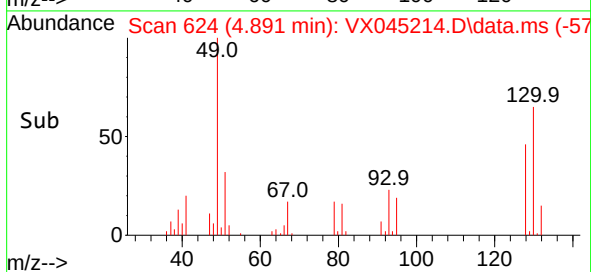
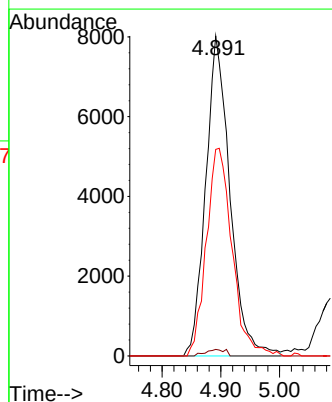
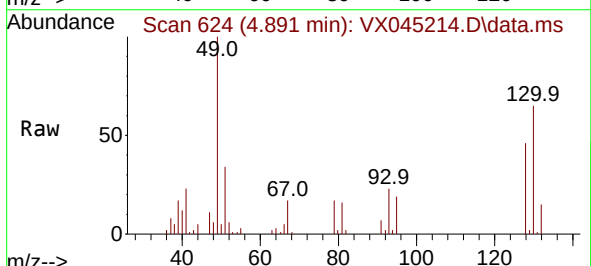
Manual Integrations
 APPROVED

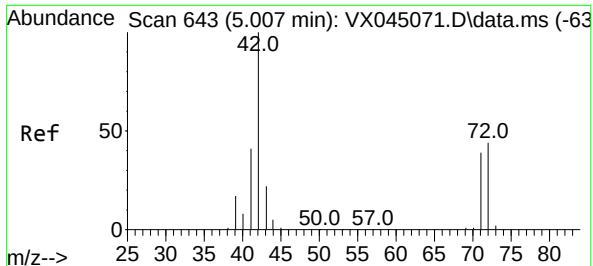
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#28
 Bromochloromethane
 Concen: 20.441 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14

Tgt Ion: 49 Resp: 23024
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 68.8 56.1 84.1





#29

Tetrahydrofuran

Concen: 98.728 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 42 Resp: 6981

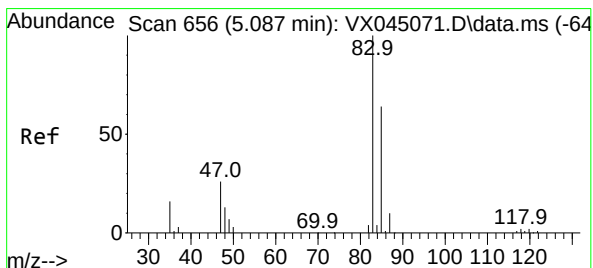
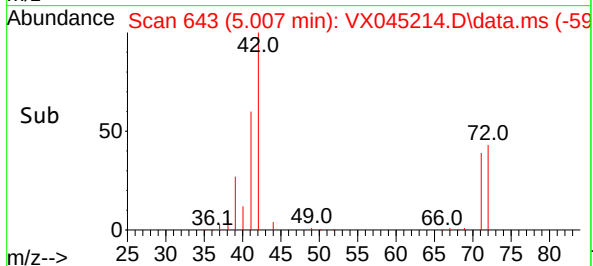
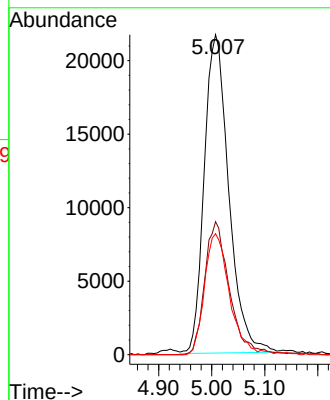
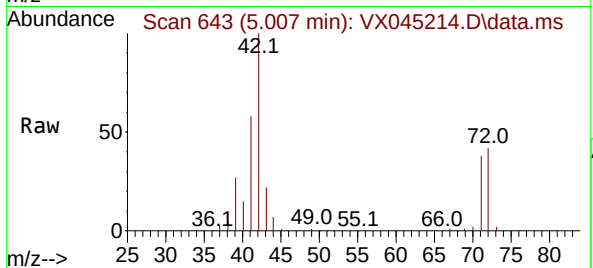
Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.1	51.1
71	38.7	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#30

Chloroform

Concen: 19.880 ug/l

RT: 5.092 min Scan# 657

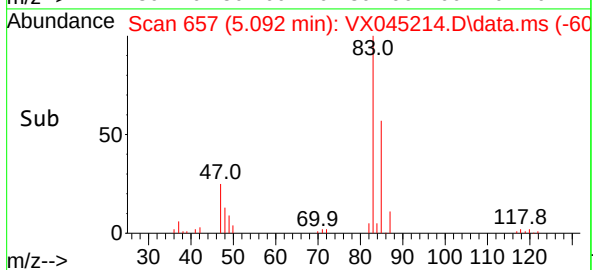
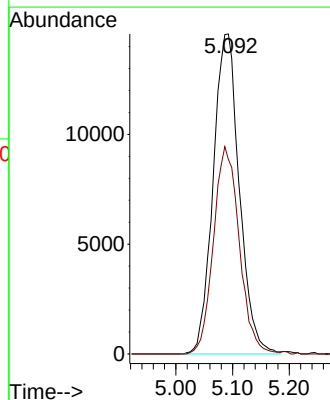
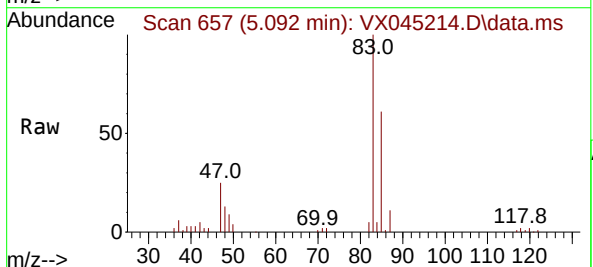
Delta R.T. 0.006 min

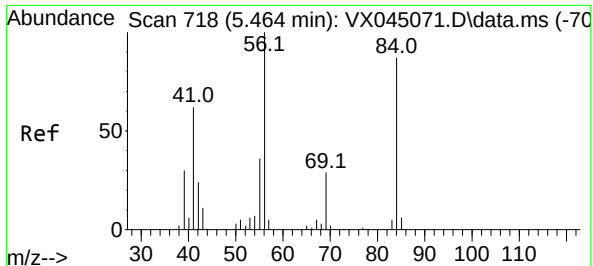
Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion: 83 Resp: 46678

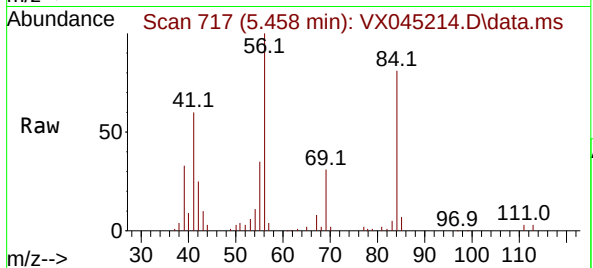
Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.4	77.2





#31
Cyclohexane
Concen: 19.670 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

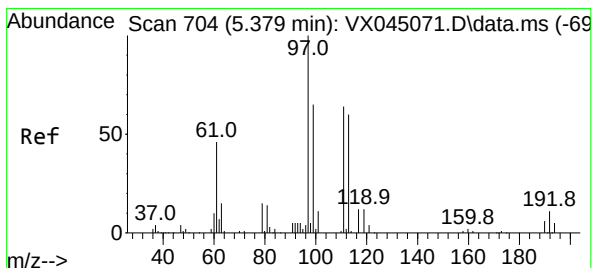
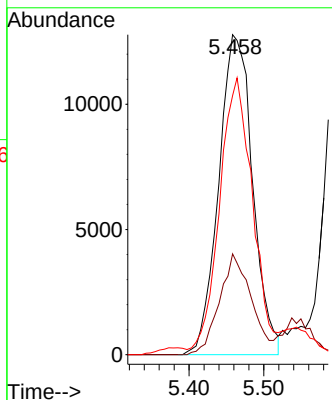
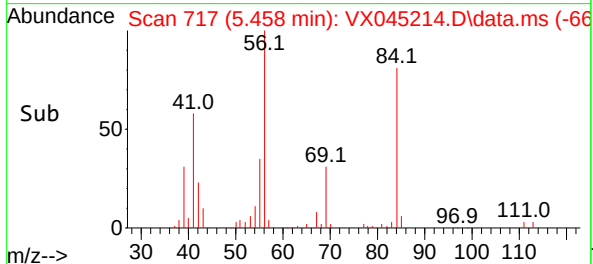
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



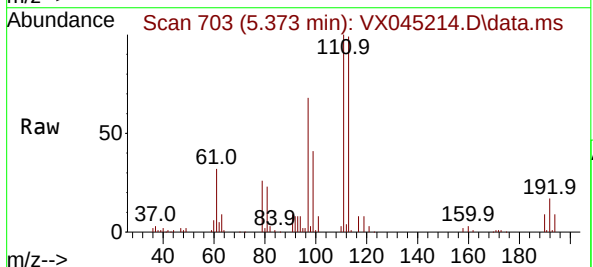
Tgt Ion: 56 Resp: 40348
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 78.8 69.4 104.2

Manual Integrations
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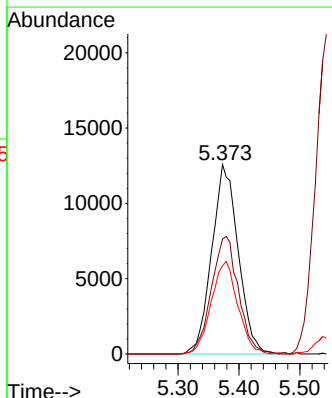
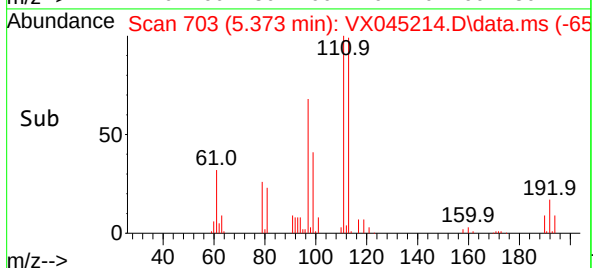
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

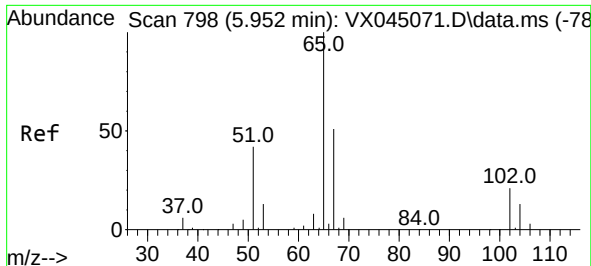


#32
1,1,1-Trichloroethane
Concen: 19.990 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



Tgt Ion: 97 Resp: 37908
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 49.1 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 52.022 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 65 Resp: 78434

Ion Ratio Lower Upper

65 100

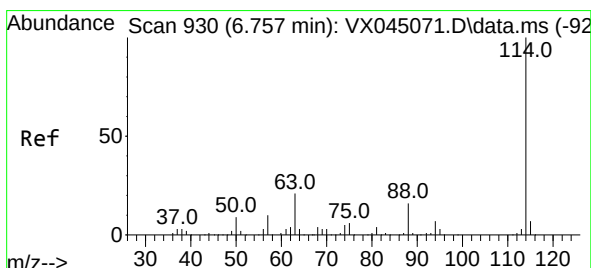
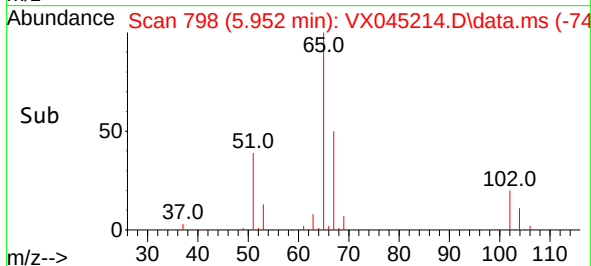
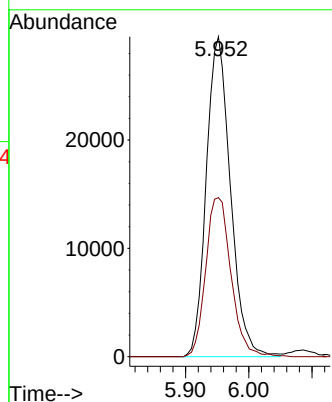
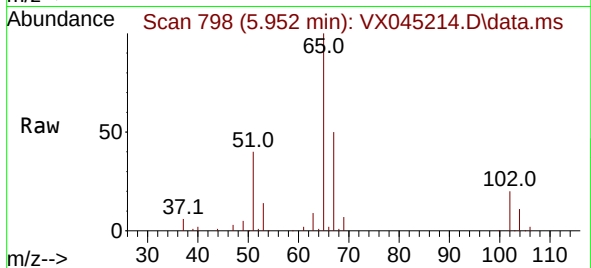
67 52.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

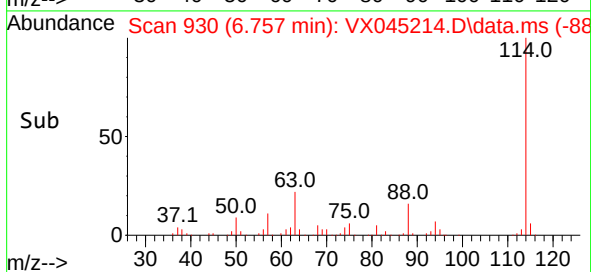
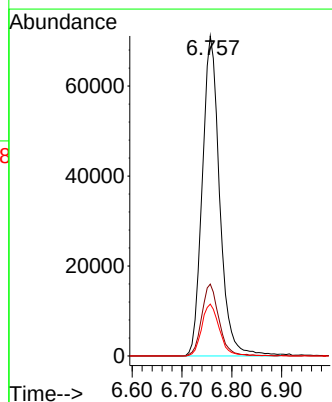
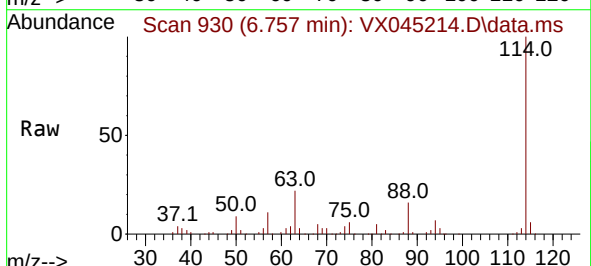
Tgt Ion:114 Resp: 172566

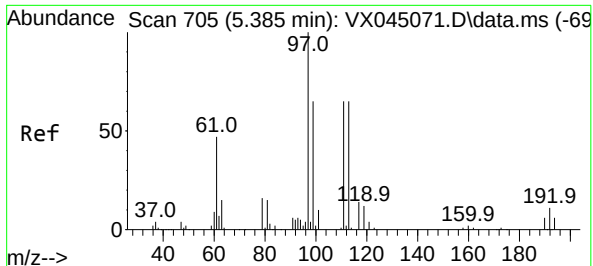
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.847 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

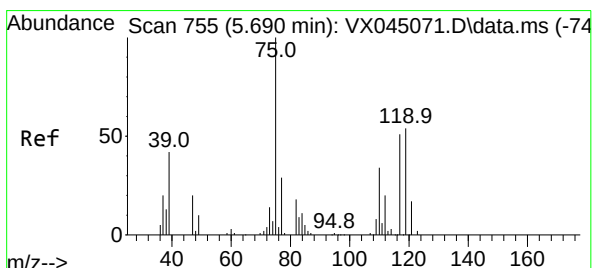
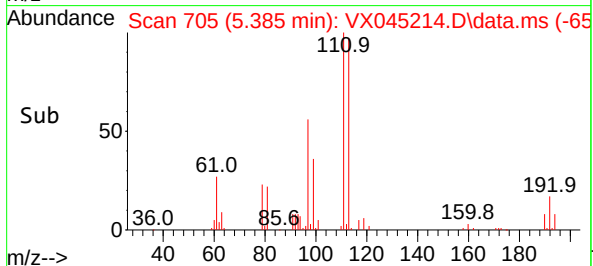
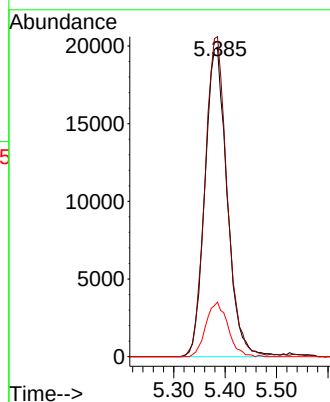
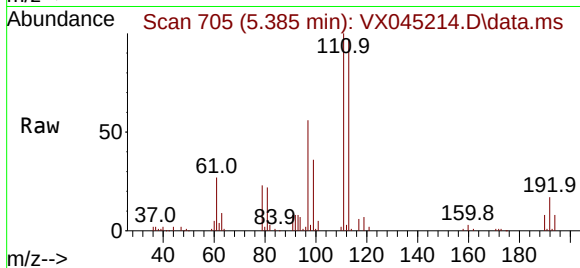
Tgt Ion:	113	Resp:	5982
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	17.4	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#36

1,1-Dichloropropene

Concen: 18.899 ug/l

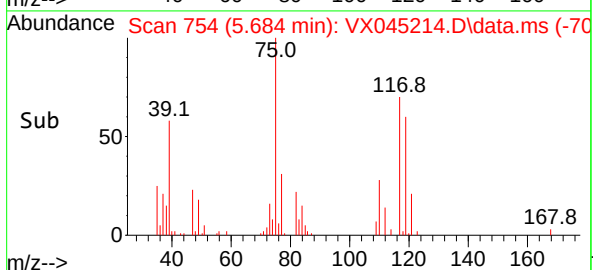
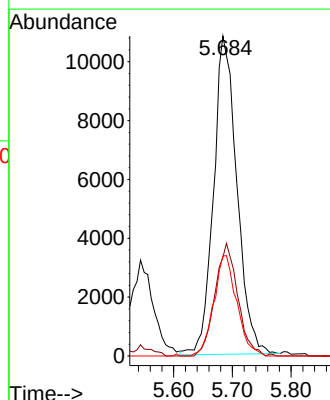
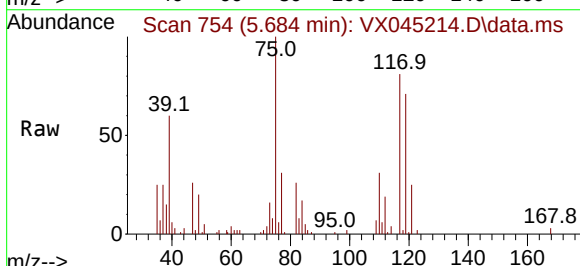
RT: 5.684 min Scan# 754

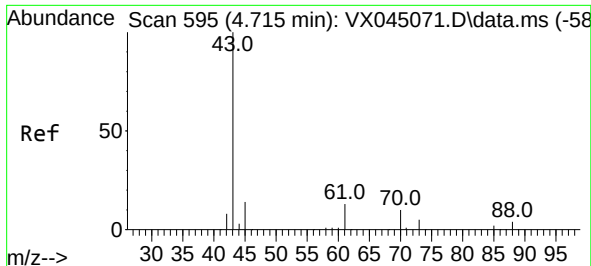
Delta R.T. -0.006 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

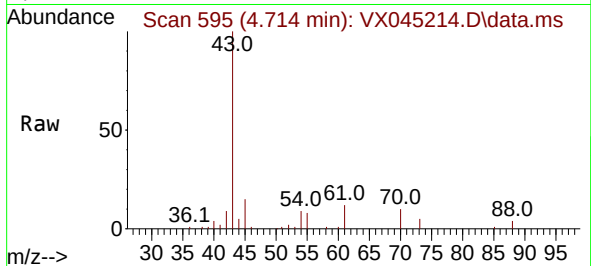
Tgt Ion:	75	Resp:	29907
Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.6
77	31.1	24.5	36.7





#37
Ethyl Acetate
Concen: 19.054 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

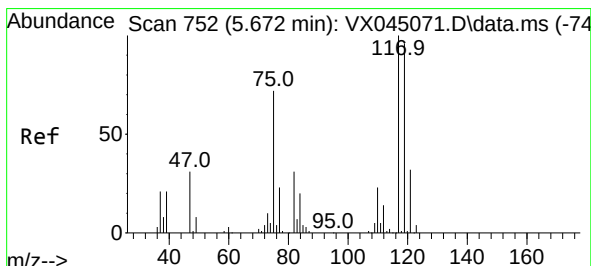
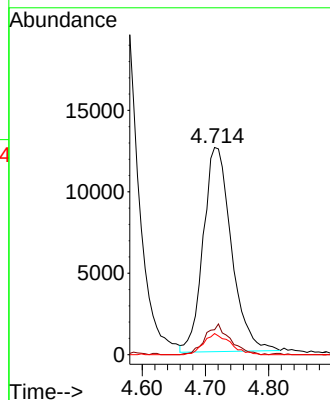
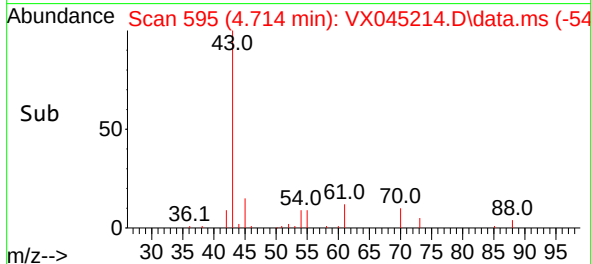
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 43 Resp: 3885
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 9.7 7.7 11.5

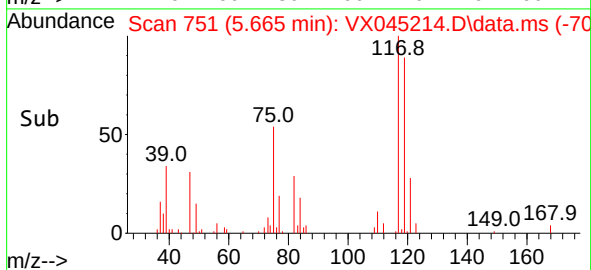
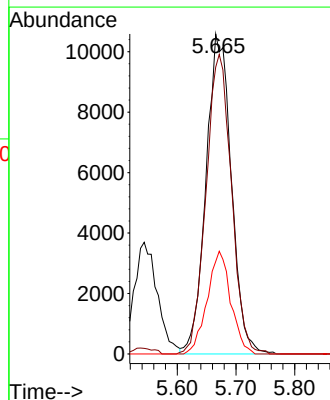
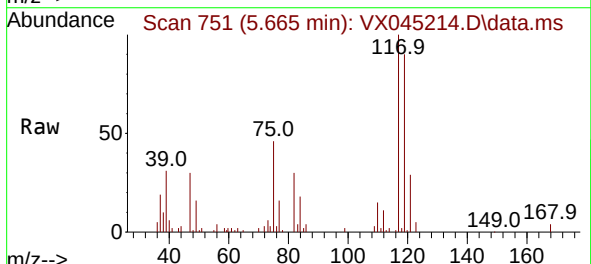
Manual Integrations
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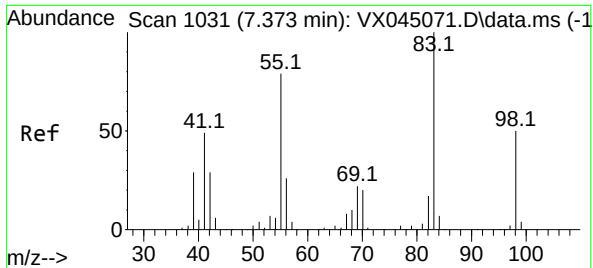
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#38
Carbon Tetrachloride
Concen: 19.746 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion:117 Resp: 31723
Ion Ratio Lower Upper
117 100
119 89.6 76.7 115.1
121 28.9 25.5 38.3





#39

Methylcyclohexane

Concen: 19.935 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 83 Resp: 37800

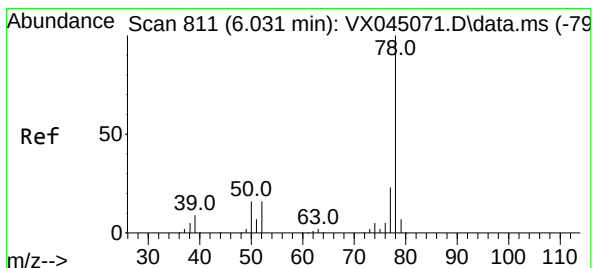
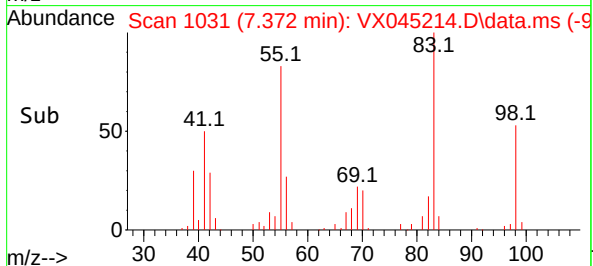
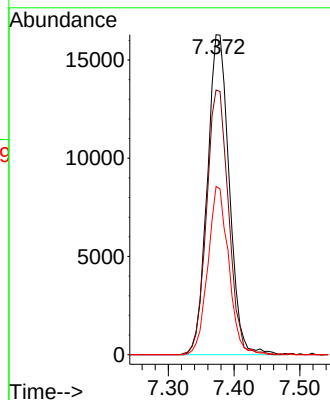
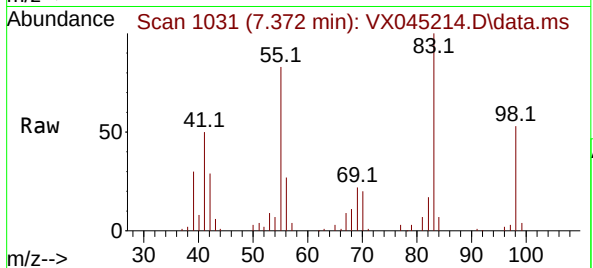
Ion	Ratio	Lower	Upper
83	100		
55	82.7	63.0	94.4
98	52.6	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 19.364 ug/l

RT: 6.031 min Scan# 811

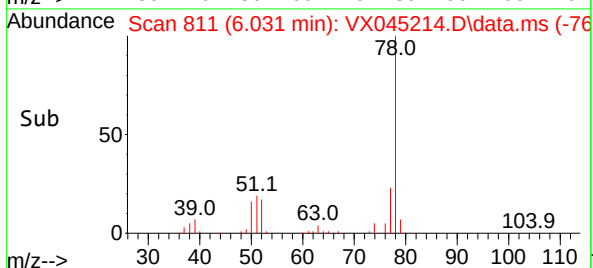
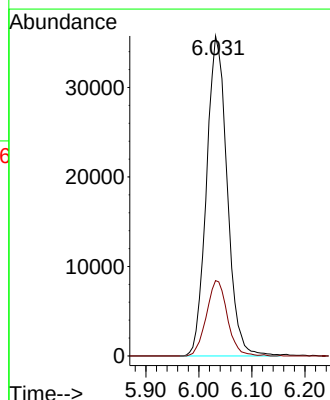
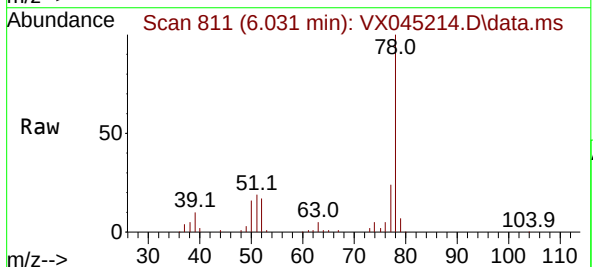
Delta R.T. -0.000 min

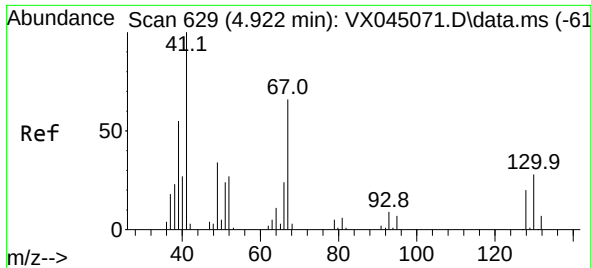
Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion: 78 Resp: 96762

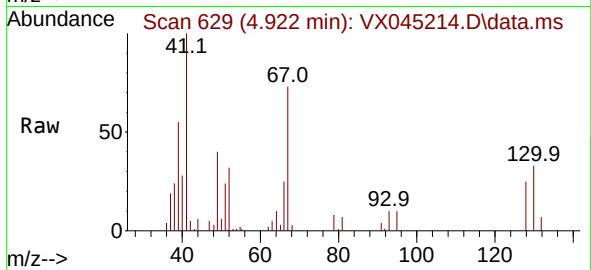
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





#41
Methacrylonitrile
Concen: 20.240 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

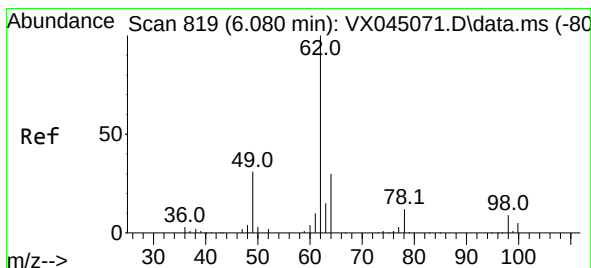
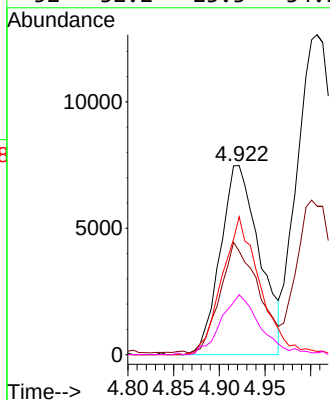
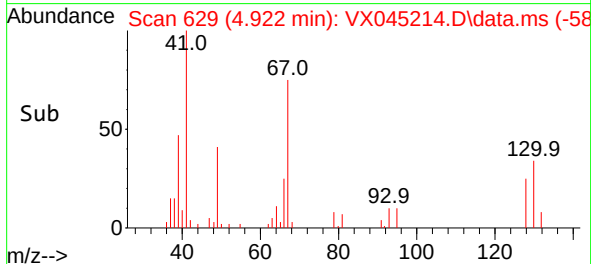
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 41	Resp: 22310
Ion Ratio	Lower Upper
41 100	
39 57.4	44.6 67.0
67 71.1	53.9 80.9
52 32.2	23.3 34.9

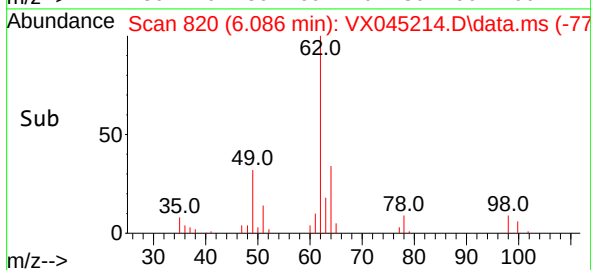
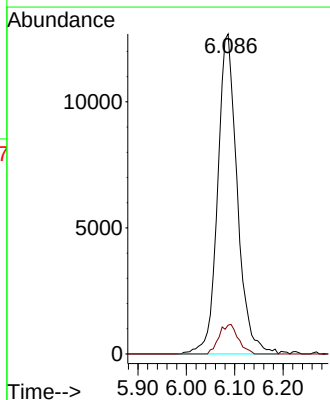
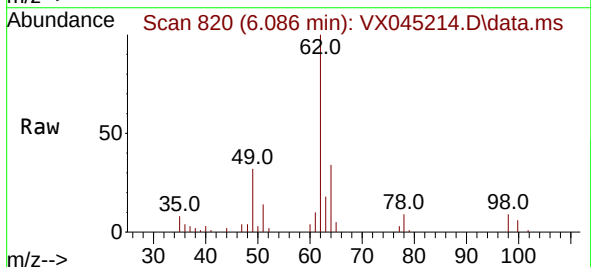
Manual Integrations
APPROVED

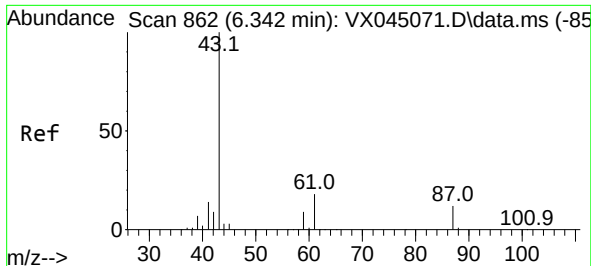
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#42
1,2-Dichloroethane
Concen: 19.836 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

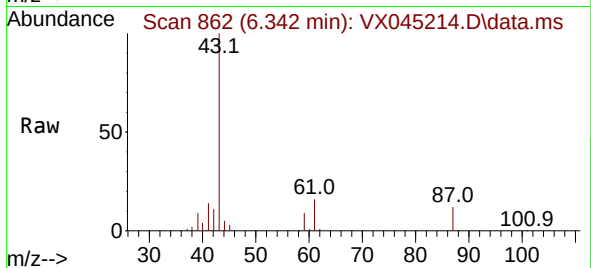
Tgt Ion: 62	Resp: 35693
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.2





#43
Isopropyl Acetate
Concen: 20.011 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

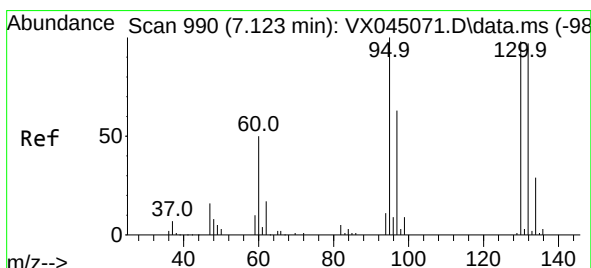
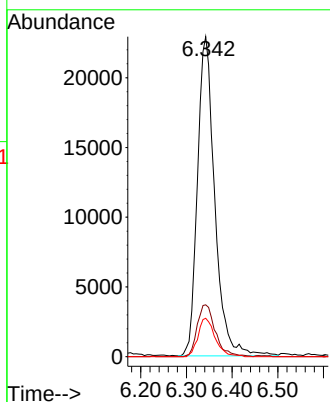
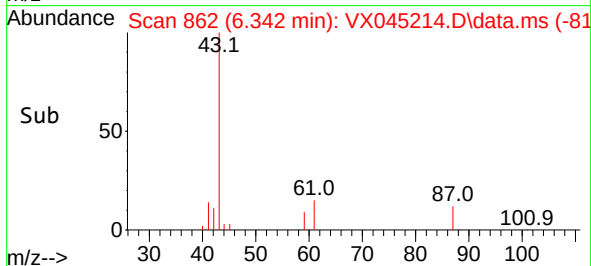
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



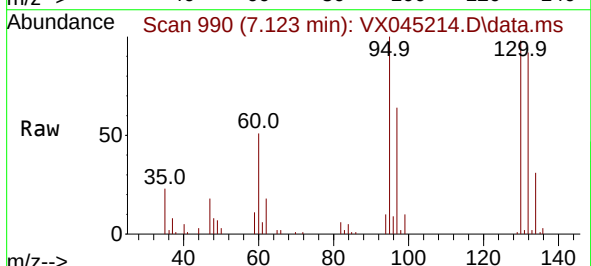
Tgt Ion: 43 Resp: 60338
Ion Ratio Lower Upper
43 100
61 17.1 14.9 22.3
87 12.0 9.4 14.2

Manual Integrations
APPROVED

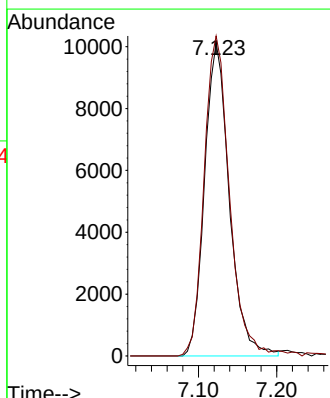
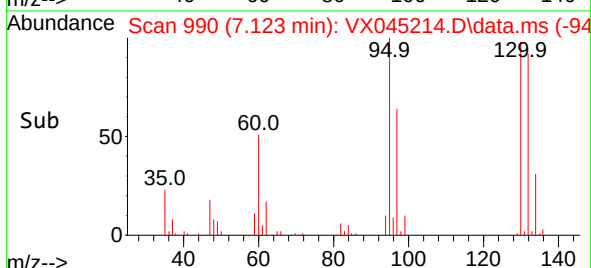
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

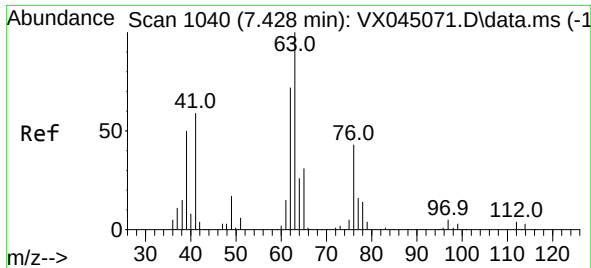


#44
Trichloroethene
Concen: 18.944 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



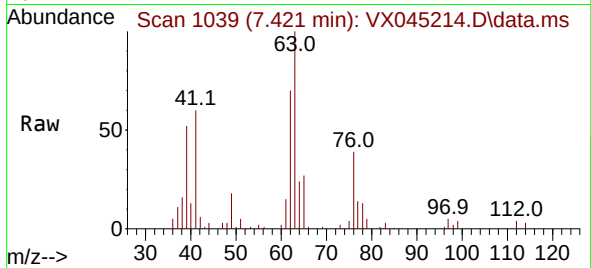
Tgt Ion:130 Resp: 22228
Ion Ratio Lower Upper
130 100
95 102.1 0.0 205.0





#45
1,2-Dichloropropane
Concen: 18.936 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

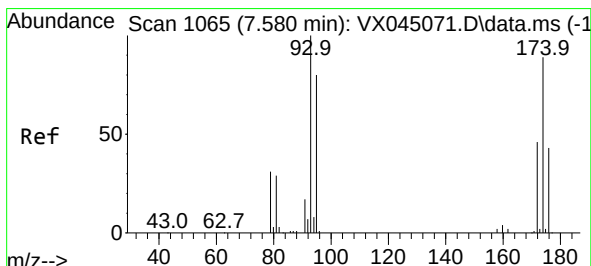
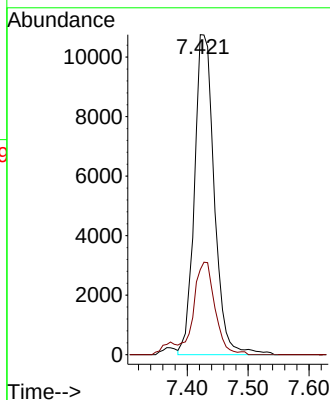
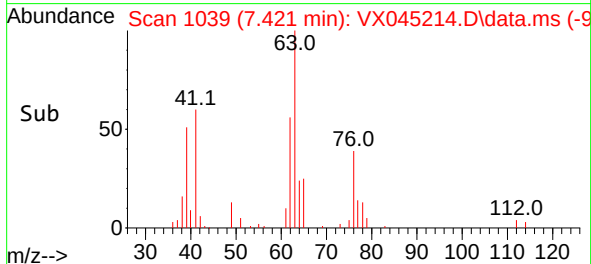
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 63 Resp: 24329
Ion Ratio Lower Upper
63 100
65 26.6 24.7 37.1

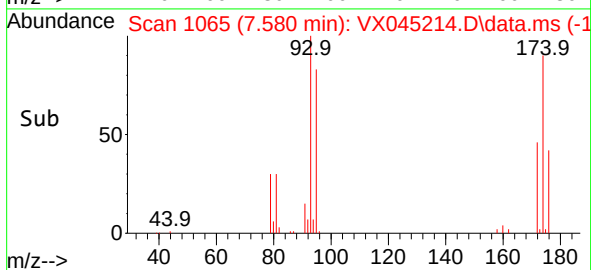
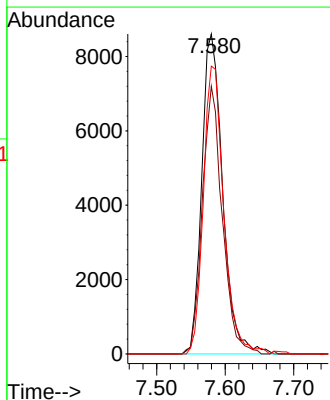
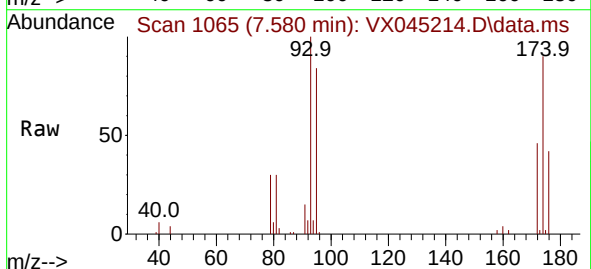
Manual Integrations
APPROVED

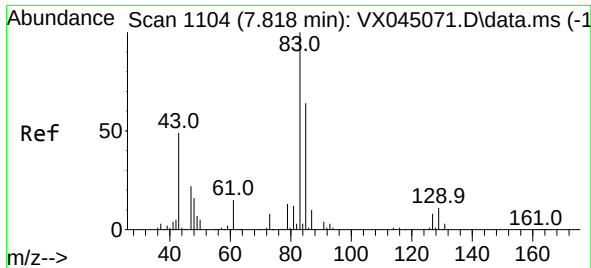
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#46
Dibromomethane
Concen: 20.132 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

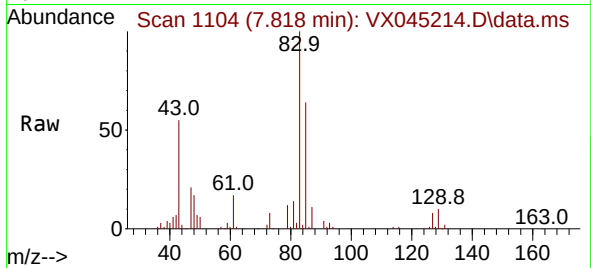
Tgt Ion: 93 Resp: 18282
Ion Ratio Lower Upper
93 100
95 79.8 65.8 98.8
174 87.9 72.2 108.2





#47
Bromodichloromethane
Concen: 19.571 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

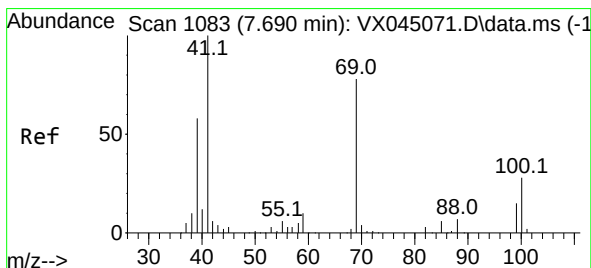
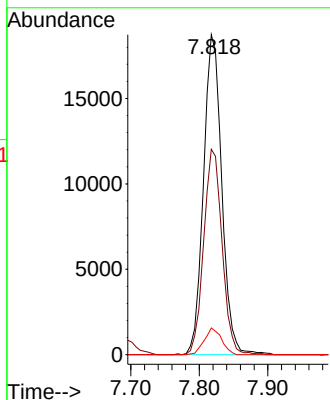
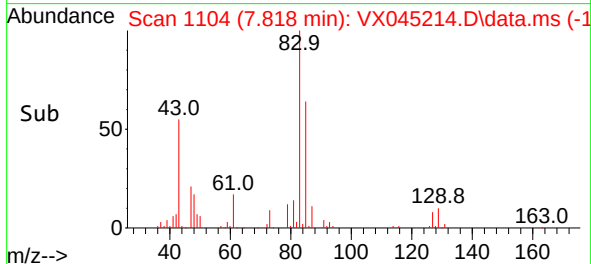
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



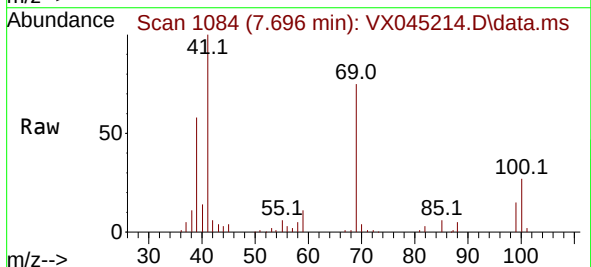
Tgt Ion: 83 Resp: 34860
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7
127 8.3 6.4 9.6

Manual Integrations
APPROVED

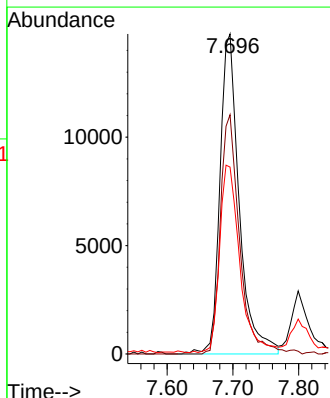
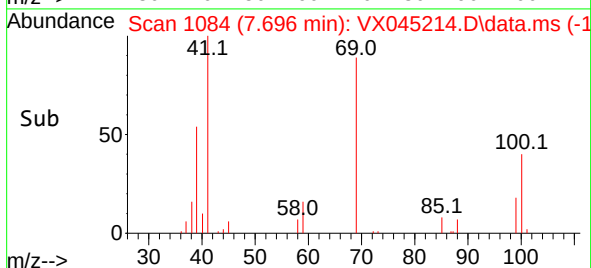
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

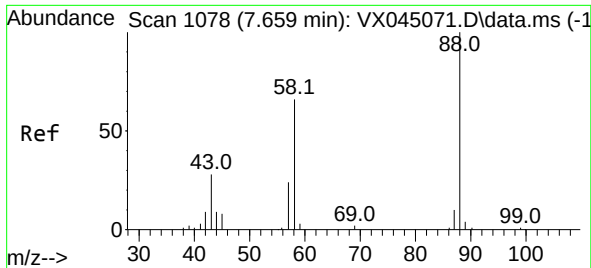


#48
Methyl methacrylate
Concen: 19.905 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



Tgt Ion: 41 Resp: 30110
Ion Ratio Lower Upper
41 100
69 73.9 63.0 94.6
39 61.1 47.5 71.3





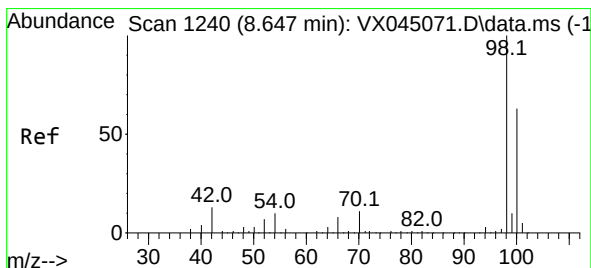
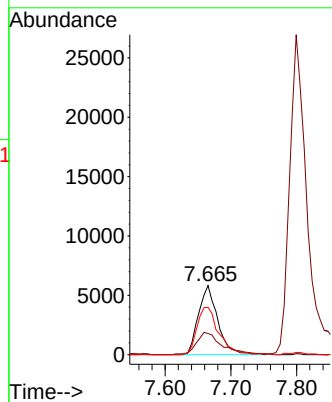
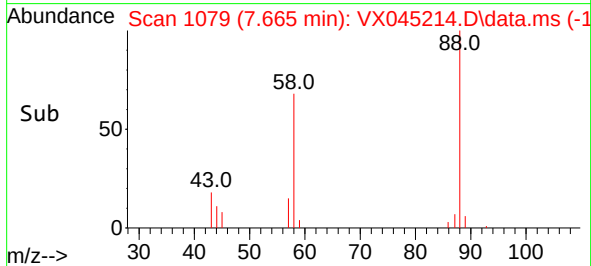
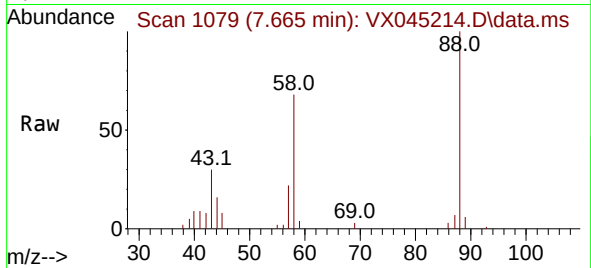
#49
1,4-Dioxane
Concen: 376.974 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 88 Resp: 12029
Ion Ratio Lower Upper
88 100
43 40.5 28.7 43.1
58 76.0 55.8 83.8

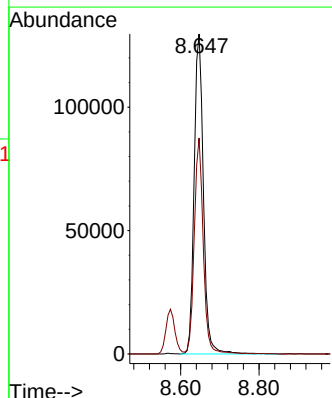
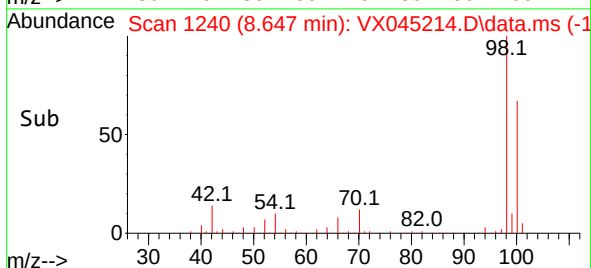
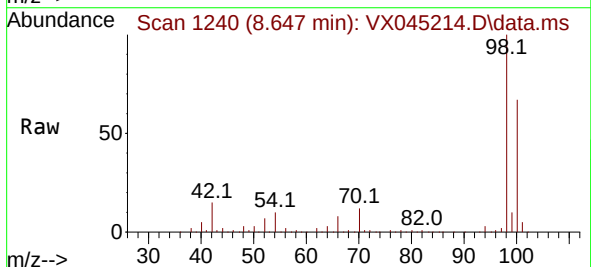
Manual Integrations
APPROVED

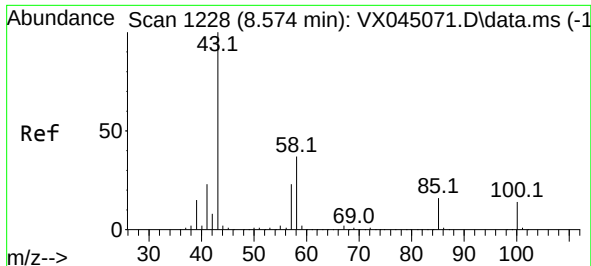
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#50
Toluene-d8
Concen: 51.200 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

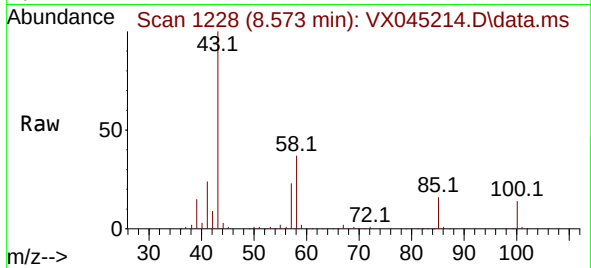
Tgt Ion: 98 Resp: 214187
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 105.932 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

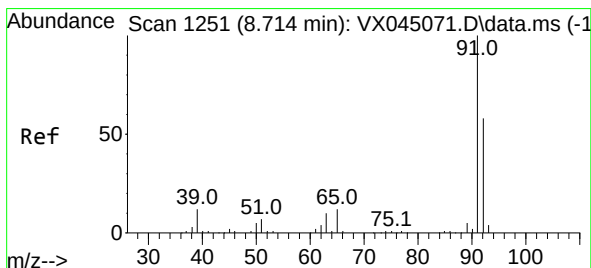
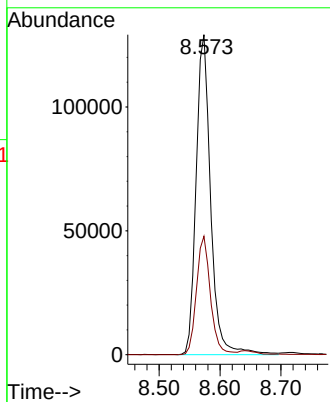
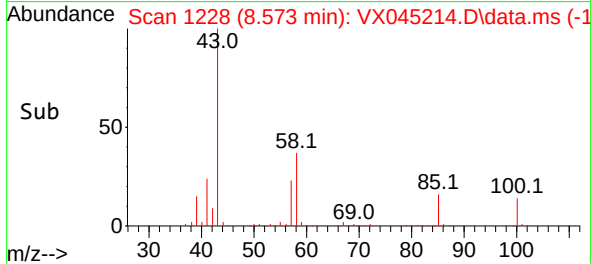
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 43 Resp: 21446
Ion Ratio Lower Upper
43 100
58 35.7 29.2 43.8

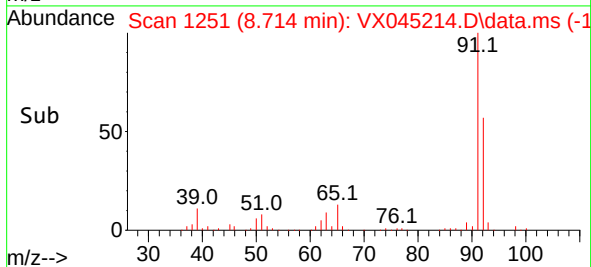
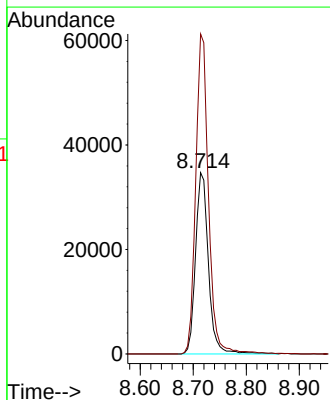
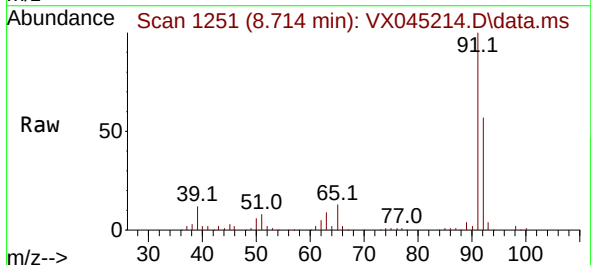
Manual Integrations
APPROVED

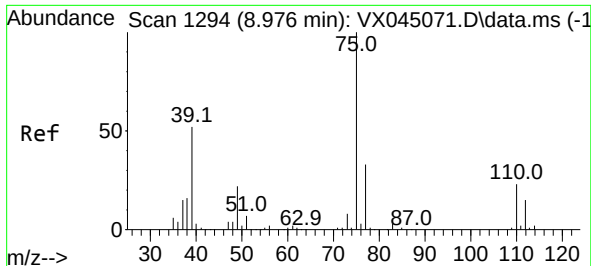
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 20.030 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 92 Resp: 58726
Ion Ratio Lower Upper
92 100
91 174.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 20.021 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 75 Resp: 29814

Ion Ratio Lower Upper

75 100

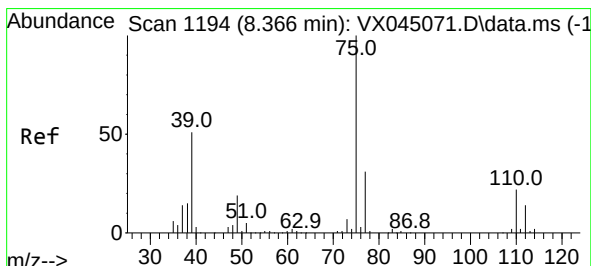
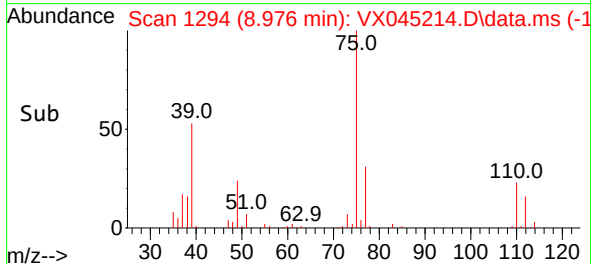
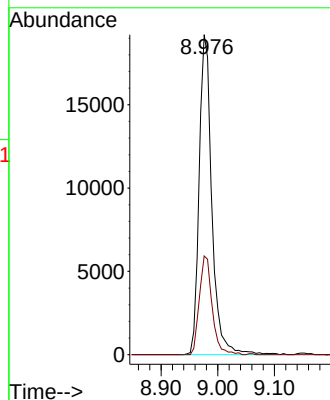
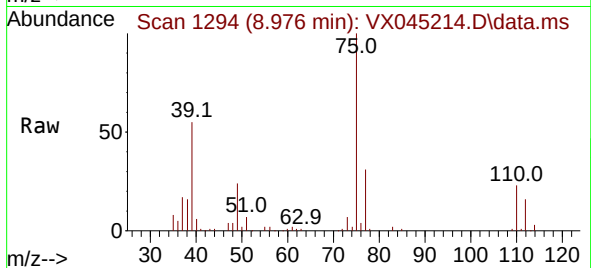
77 30.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#54

cis-1,3-Dichloropropene

Concen: 20.578 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

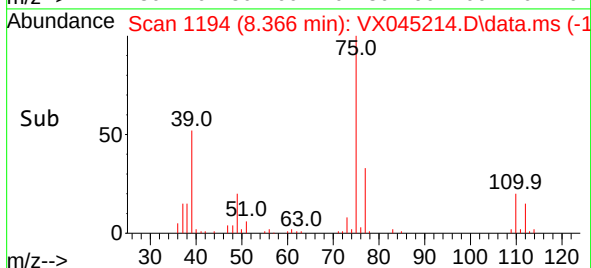
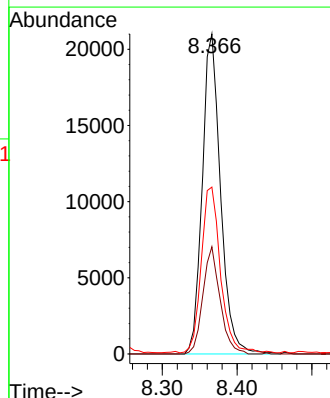
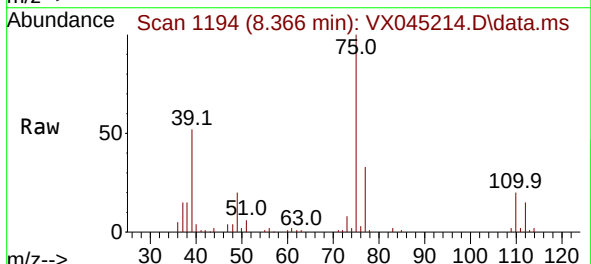
Tgt Ion: 75 Resp: 35732

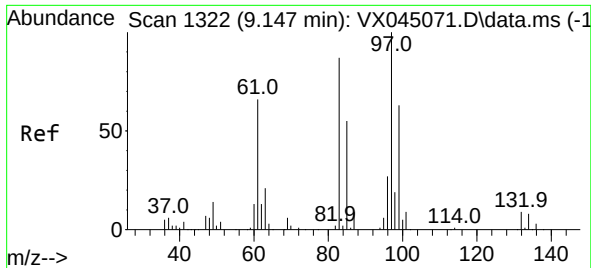
Ion Ratio Lower Upper

75 100

77 33.5 24.7 37.1

39 51.8 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 19.483 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

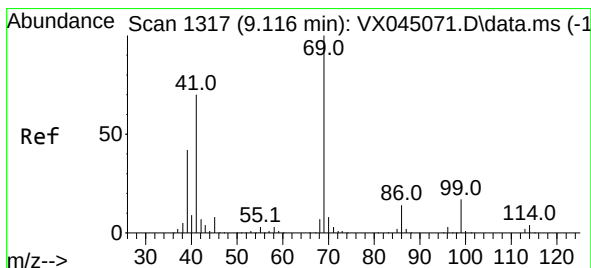
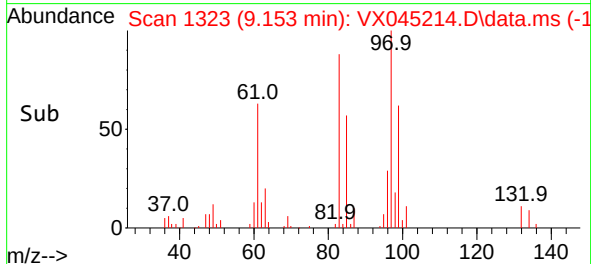
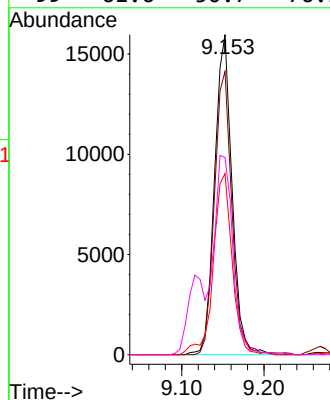
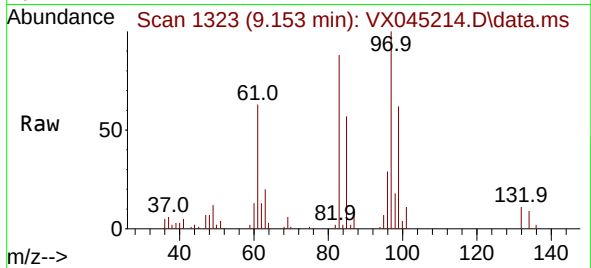
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 97 Resp: 23510

Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.4	104.2
85	56.6	44.1	66.1
99	61.6	50.7	76.1

Manual Integrations
APPROVED

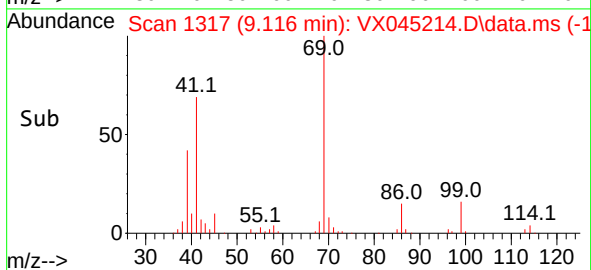
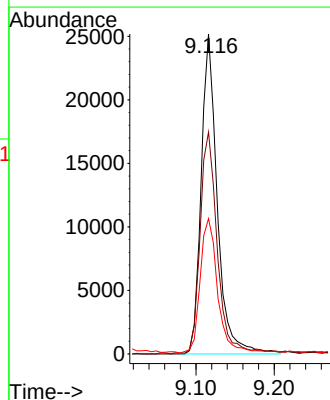
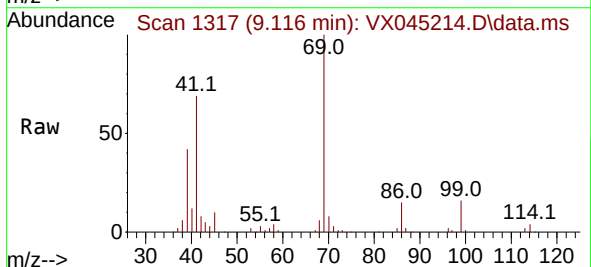
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

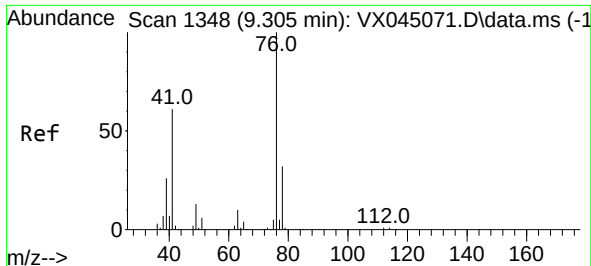


#56
Ethyl methacrylate
Concen: 19.616 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 69 Resp: 35989

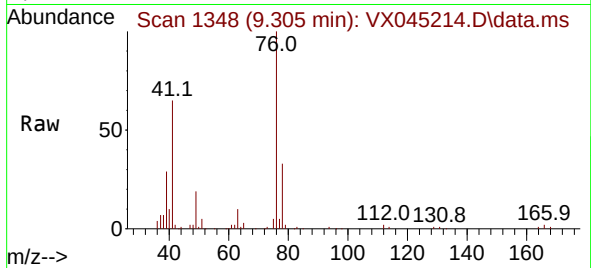
Ion	Ratio	Lower	Upper
69	100		
41	74.9	57.0	85.4
39	45.8	34.2	51.4





#57
1,3-Dichloropropane
Concen: 20.124 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

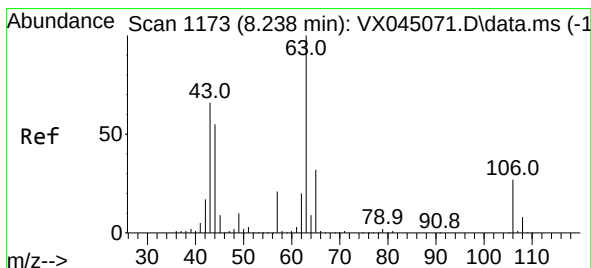
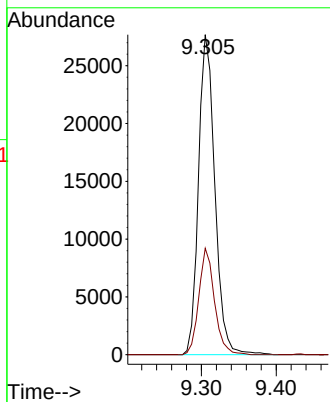
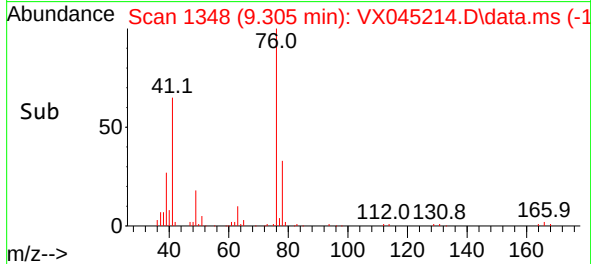
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 76 Resp: 42034
Ion Ratio Lower Upper
76 100
78 31.9 25.5 38.3

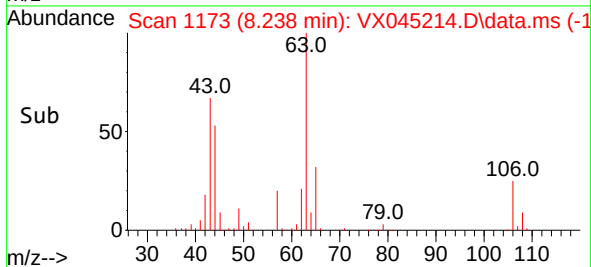
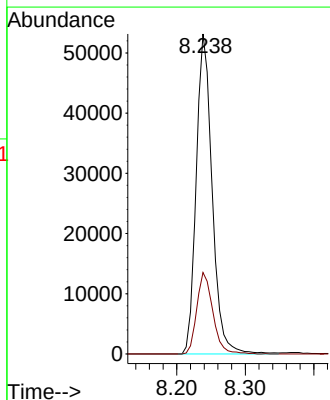
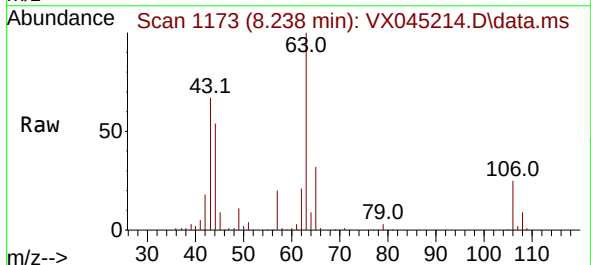
Manual Integrations
APPROVED

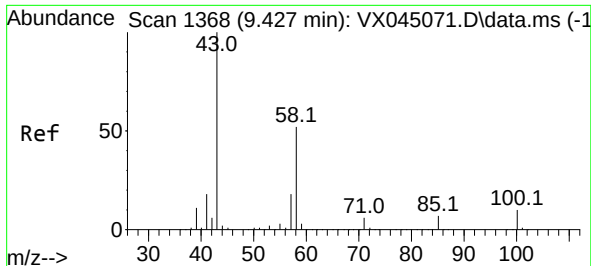
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#58
2-Chloroethyl Vinyl ether
Concen: 96.201 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

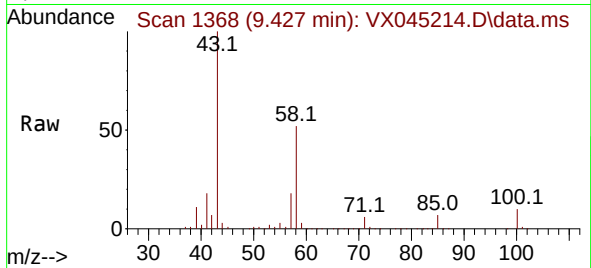
Tgt Ion: 63 Resp: 86098
Ion Ratio Lower Upper
63 100
106 25.6 21.5 32.3





#59
2-Hexanone
Concen: 108.556 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

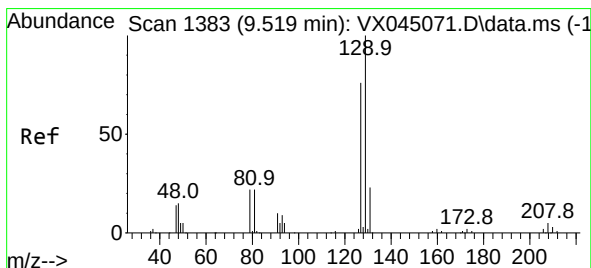
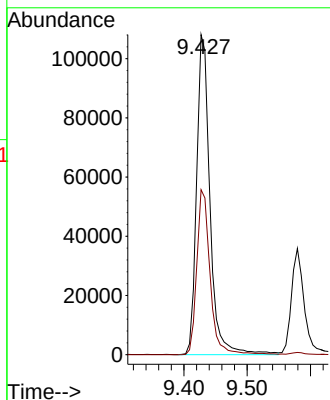
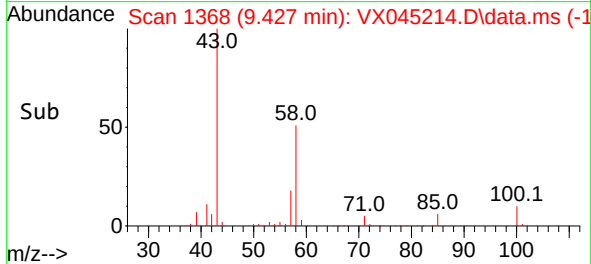
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 43 Resp: 159240
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.6

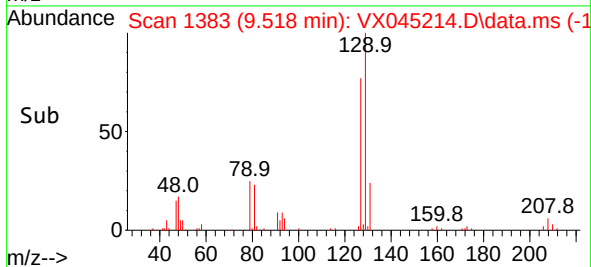
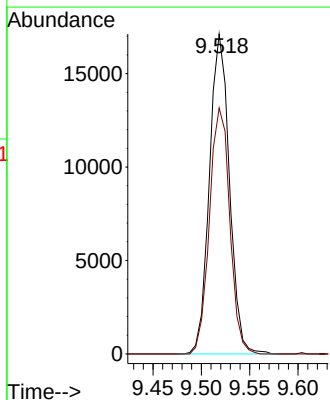
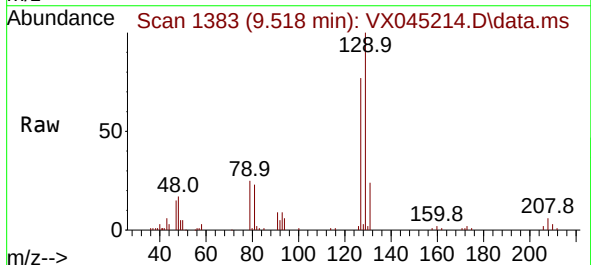
Manual Integrations
APPROVED

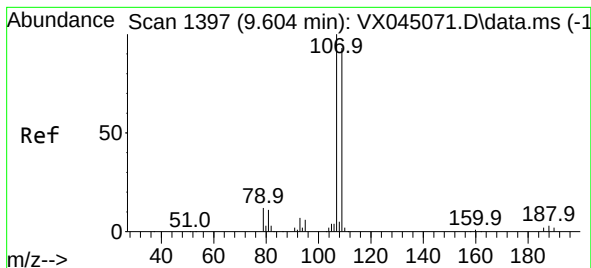
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#60
Dibromochloromethane
Concen: 19.524 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

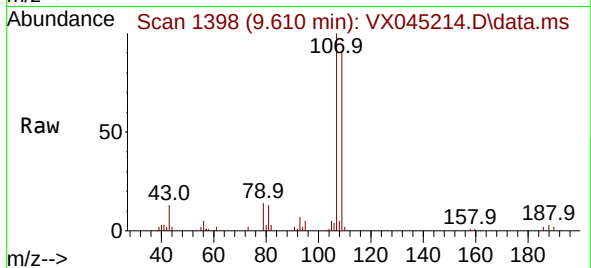
Tgt Ion:129 Resp: 24640
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.647 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

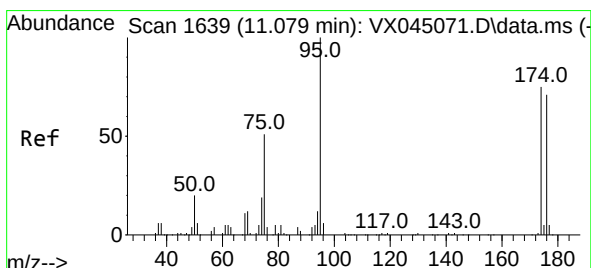
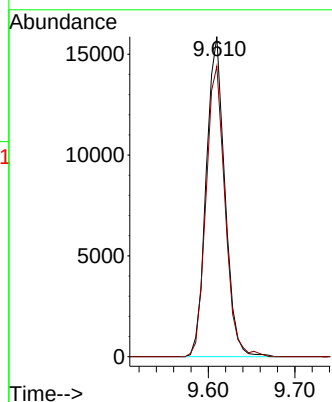
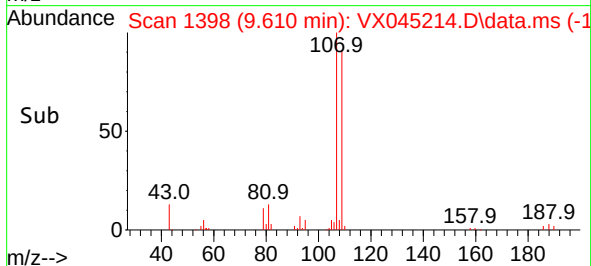
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:107 Resp: 2367
Ion Ratio Lower Upper
107 100
109 92.7 76.1 114.1

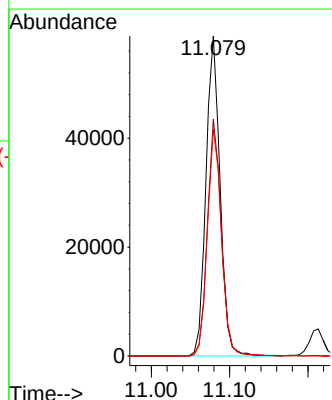
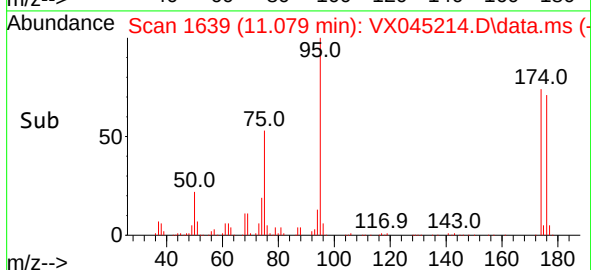
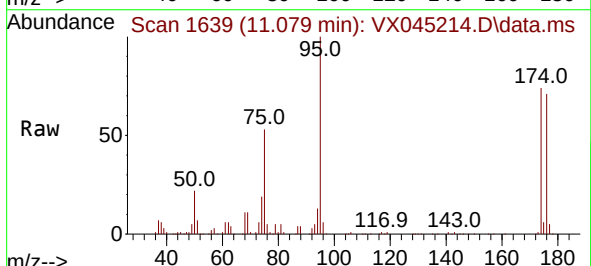
Manual Integrations
APPROVED

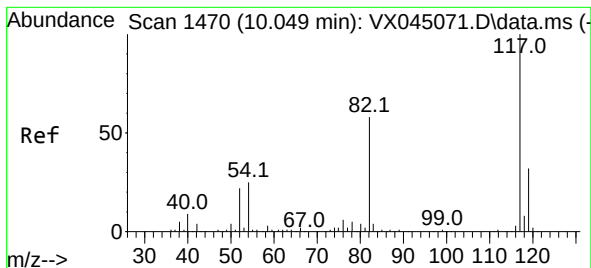
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#62
4-Bromofluorobenzene
Concen: 52.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 95 Resp: 73373
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.2
176 70.8 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: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

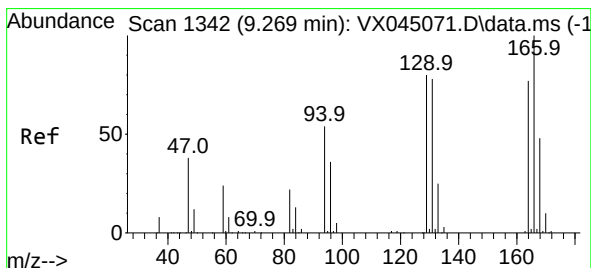
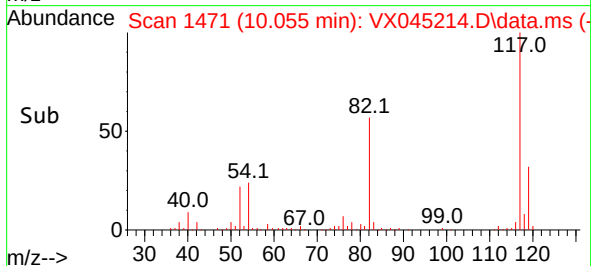
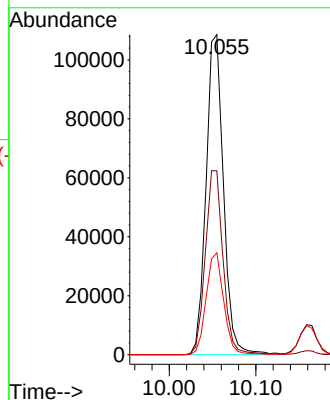
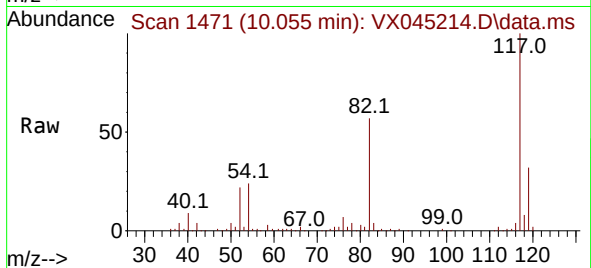
Tgt Ion:117 Resp: 151770
 Ion Ratio Lower Upper
 117 100
 82 57.4 46.3 69.5
 119 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#64

Tetrachloroethene

Concen: 19.537 ug/l

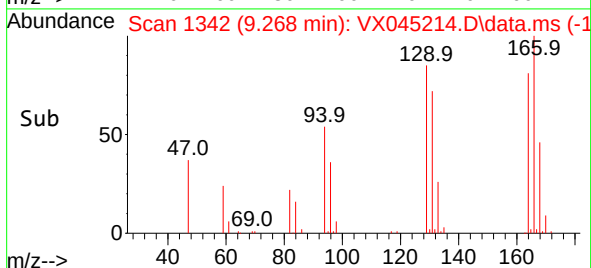
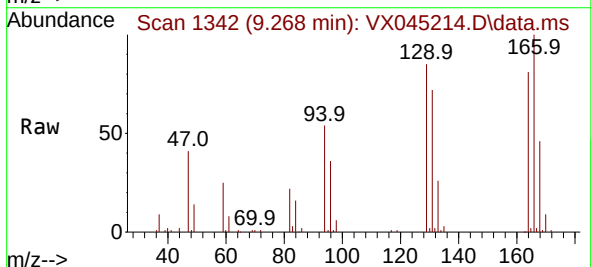
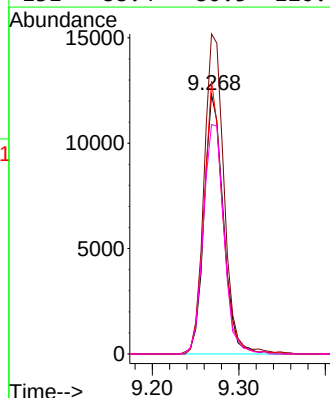
RT: 9.268 min Scan# 1342

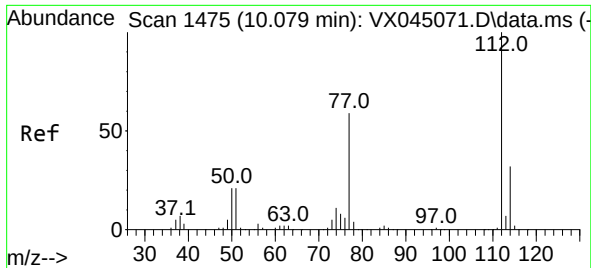
Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion:164 Resp: 18990
 Ion Ratio Lower Upper
 164 100
 166 123.4 103.6 155.4
 129 105.2 82.7 124.1
 131 88.4 80.5 120.7





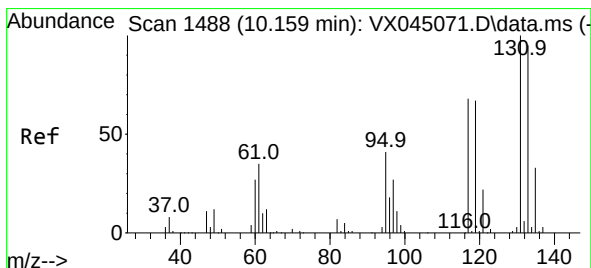
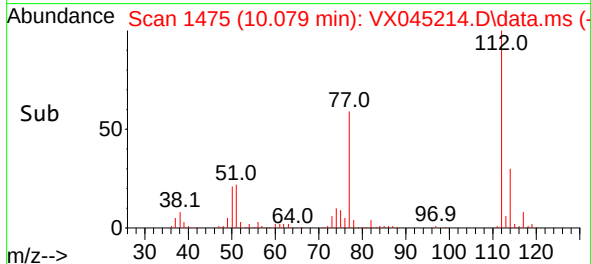
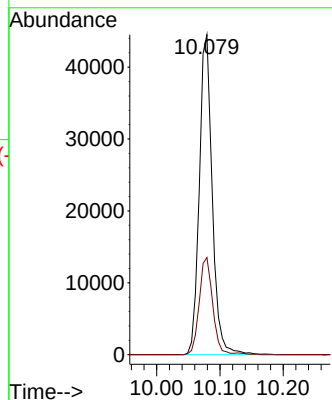
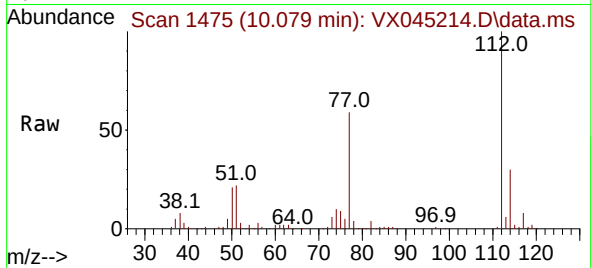
#65
Chlorobenzene
Concen: 19.739 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion:112 Resp: 63389
Ion Ratio Lower Upper
112 100
114 30.3 26.0 39.0

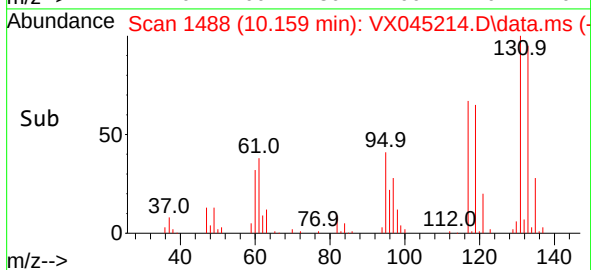
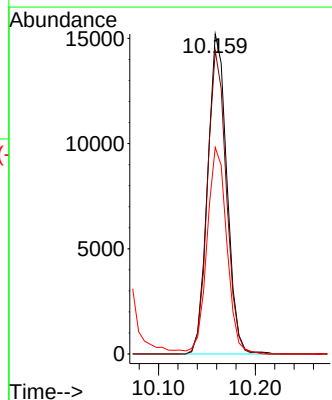
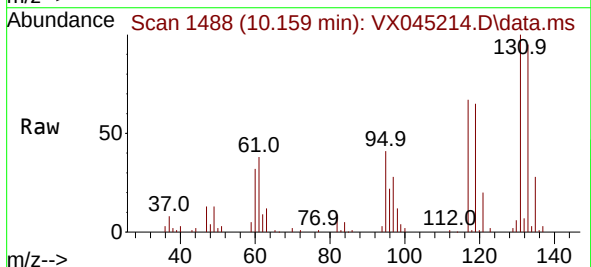
Manual Integrations
APPROVED

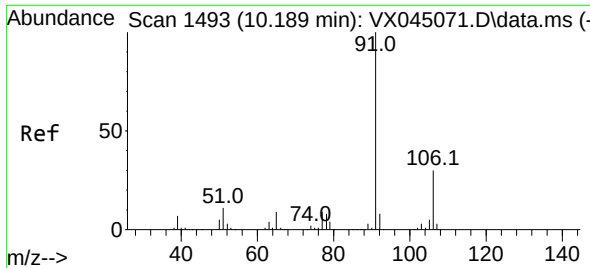
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.659 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

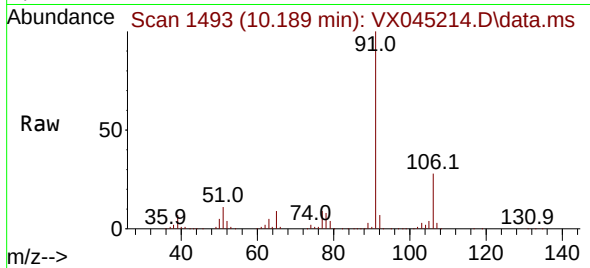
Tgt Ion:131 Resp: 21025
Ion Ratio Lower Upper
131 100
133 93.4 48.6 145.9
119 66.2 33.9 101.7





#67
Ethyl Benzene
Concen: 19.770 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

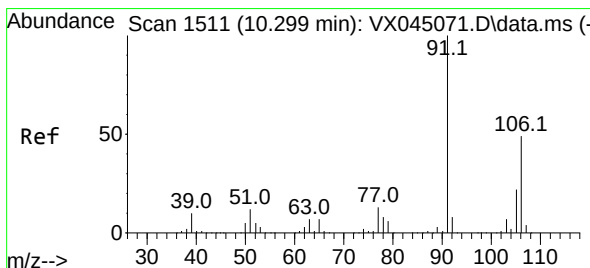
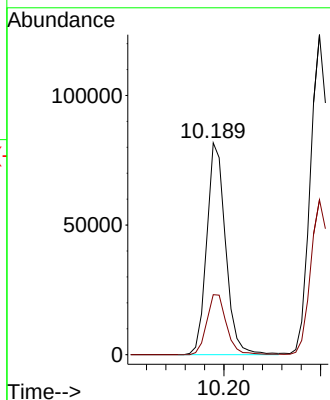
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 91 Resp: 110625
Ion Ratio Lower Upper
91 100
106 28.4 23.9 35.9

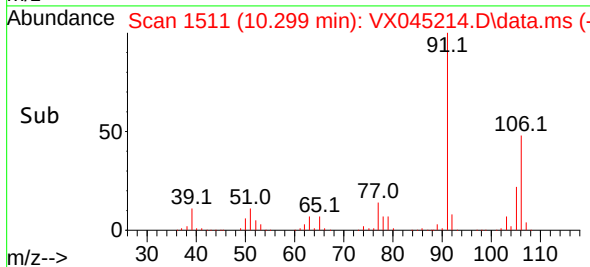
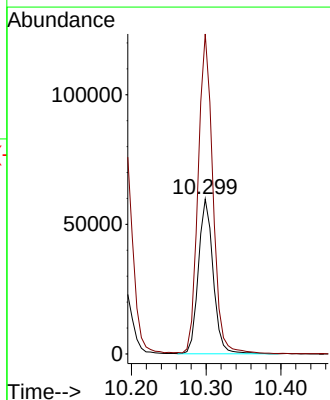
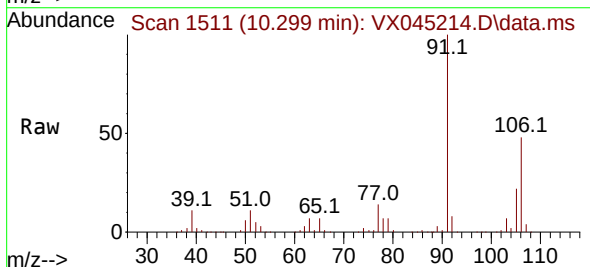
Manual Integrations
APPROVED

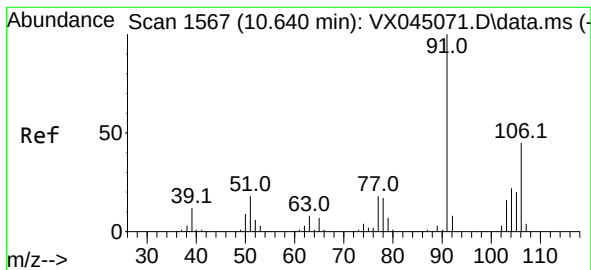
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#68
m/p-Xylenes
Concen: 40.069 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion:106 Resp: 82080
Ion Ratio Lower Upper
106 100
91 206.1 165.4 248.0





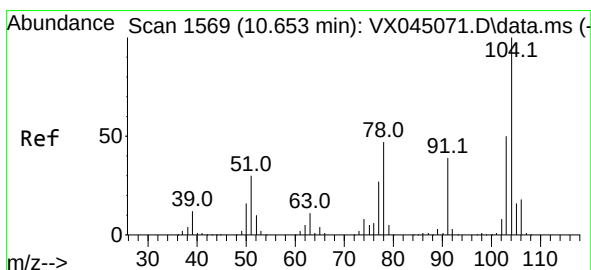
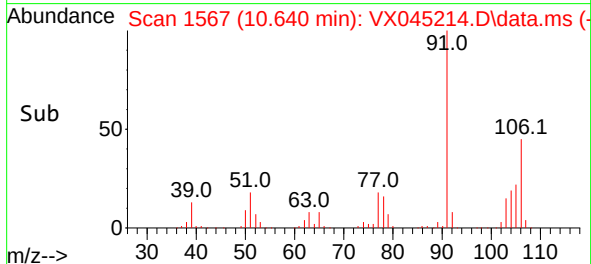
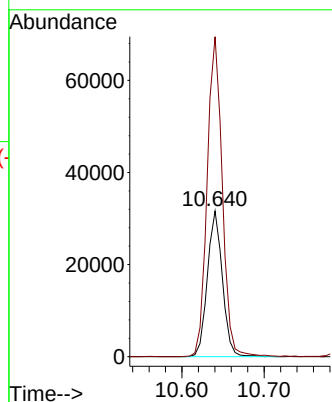
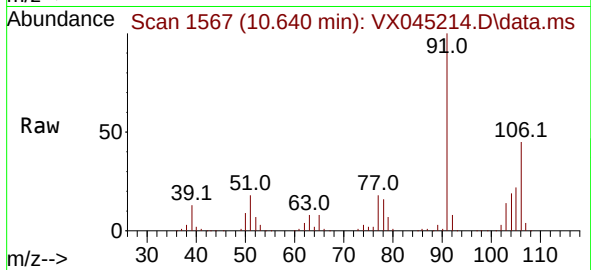
#69
o-Xylene
Concen: 19.413 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion:106 Resp: 40108
Ion Ratio Lower Upper
106 100
91 221.5 109.9 329.6

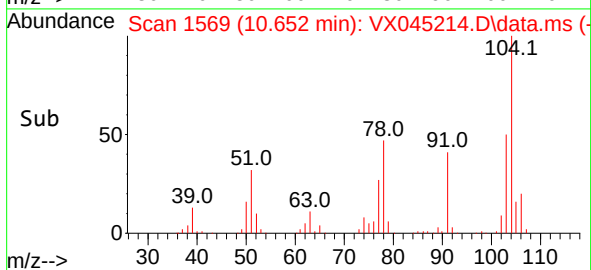
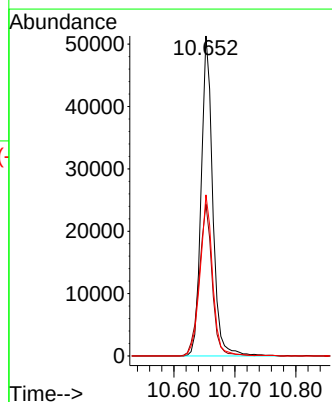
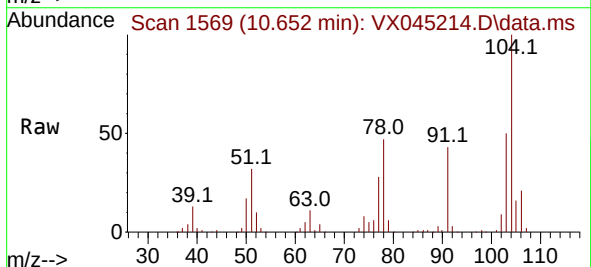
Manual Integrations
APPROVED

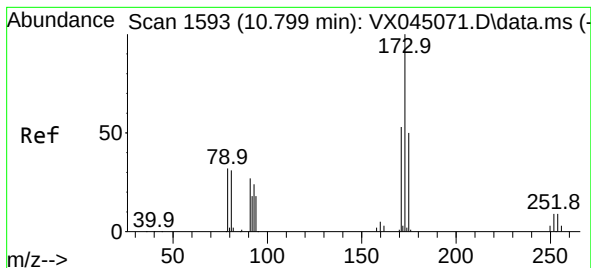
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 20.260 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion:104 Resp: 67728
Ion Ratio Lower Upper
104 100
78 53.0 42.2 63.4
103 54.3 43.8 65.8





#71

Bromoform

Concen: 20.029 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

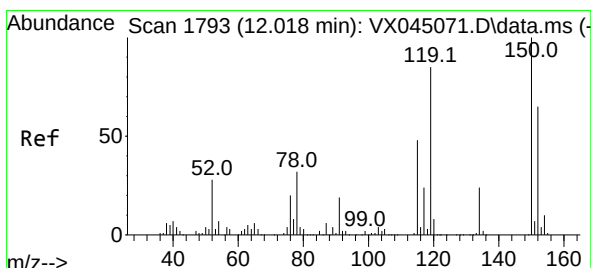
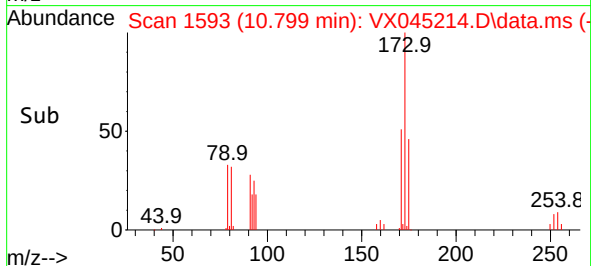
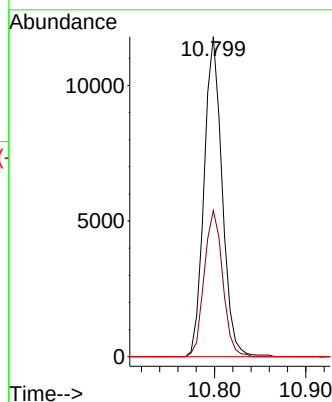
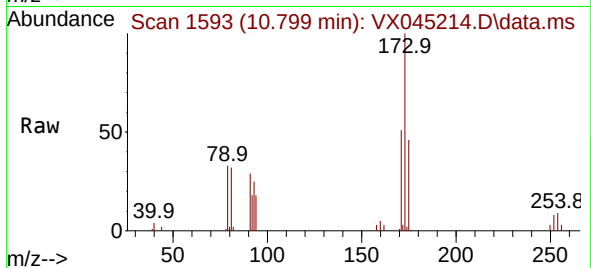
Tgt Ion:	173	Resp:	1615
Ion Ratio	Lower	Upper	
173	100		
175	46.6	24.6	73.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

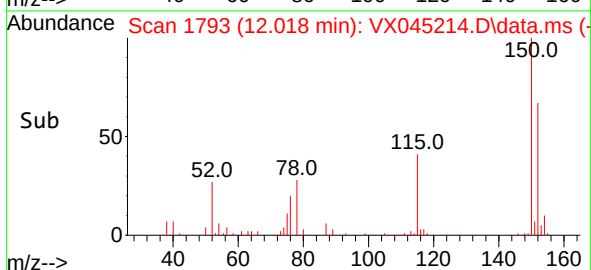
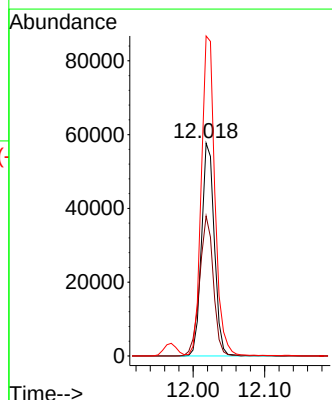
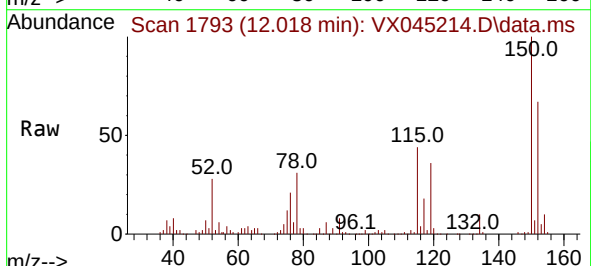
RT: 12.018 min Scan# 1793

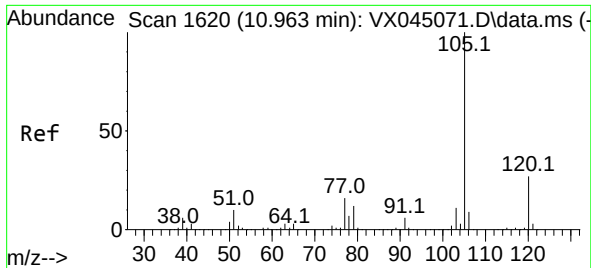
Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

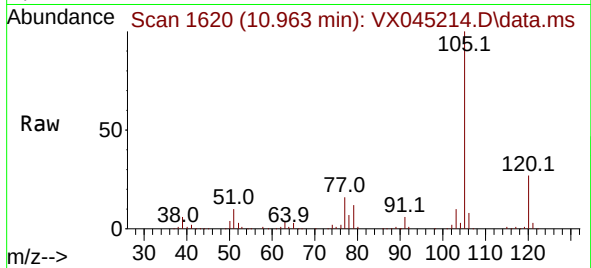
Tgt Ion:	152	Resp:	71836
Ion Ratio	Lower	Upper	
152	100		
115	69.9	44.2	132.6
150	159.1	0.0	349.0





#73
Isopropylbenzene
Concen: 19.084 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

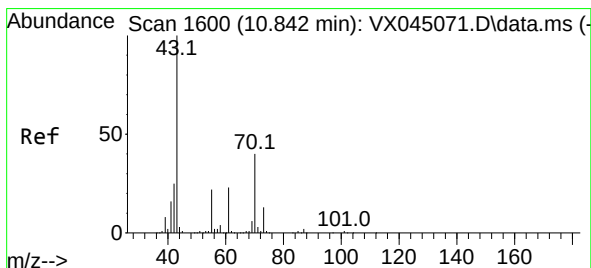
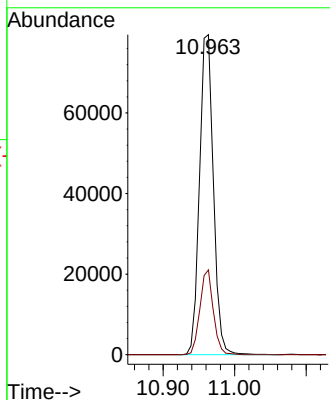
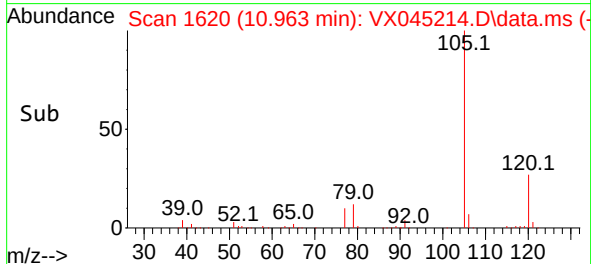
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion:105 Resp: 107000
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

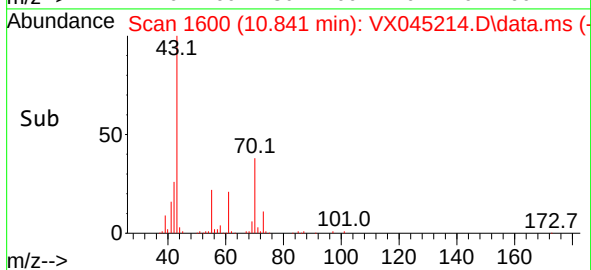
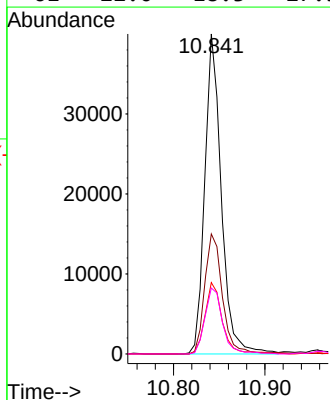
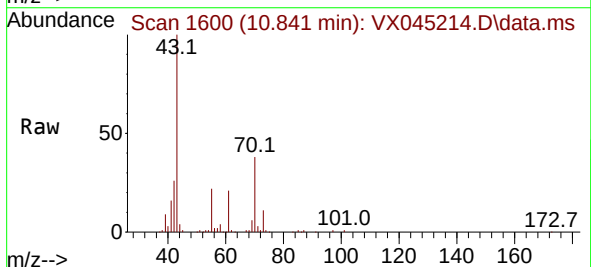
Manual Integrations
APPROVED

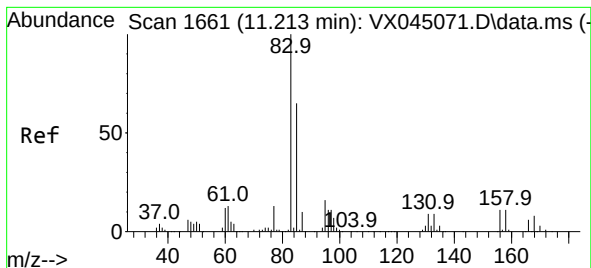
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 19.067 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 43 Resp: 50165
Ion Ratio Lower Upper
43 100
70 40.0 31.8 47.6
55 23.5 18.3 27.5
61 22.0 18.3 27.5





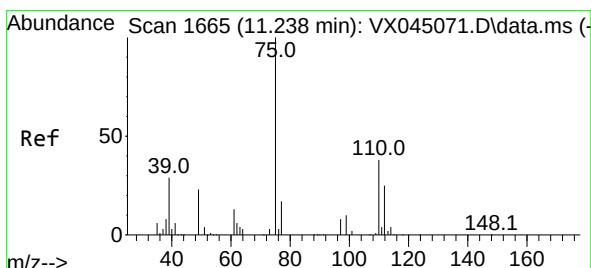
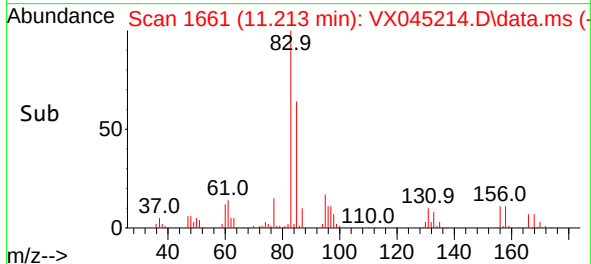
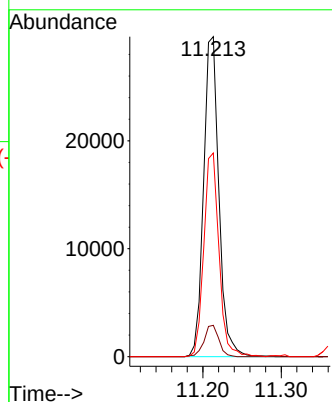
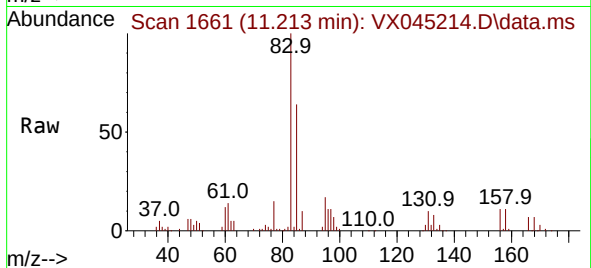
#75
1,1,2,2-Tetrachloroethane
Concen: 19.498 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 83 Resp: 40119
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.4
85 63.2 31.7 95.1

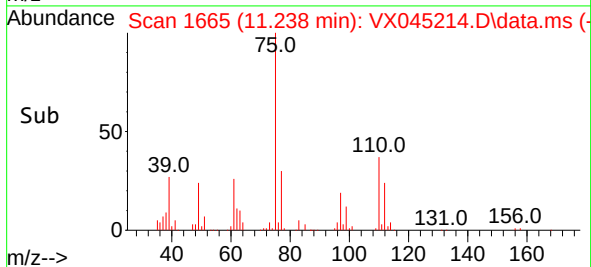
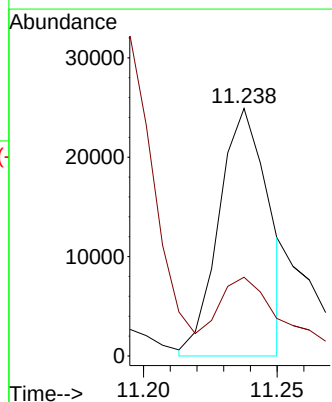
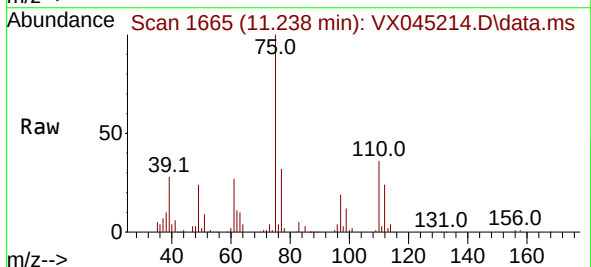
Manual Integrations
APPROVED

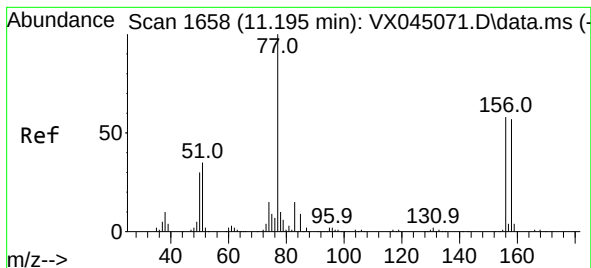
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#76
1,2,3-Trichloropropane
Concen: 19.230 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Tgt Ion: 75 Resp: 32153
Ion Ratio Lower Upper
75 100
77 41.9 20.7 62.1





#77

Bromobenzene

Concen: 18.531 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

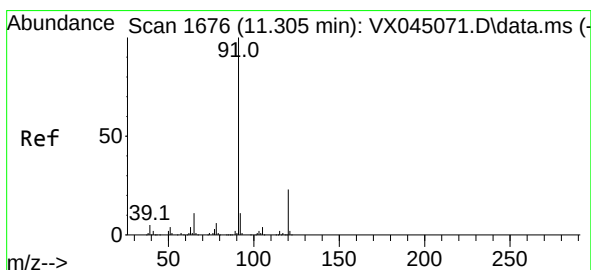
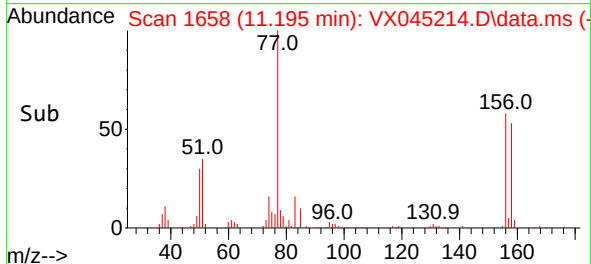
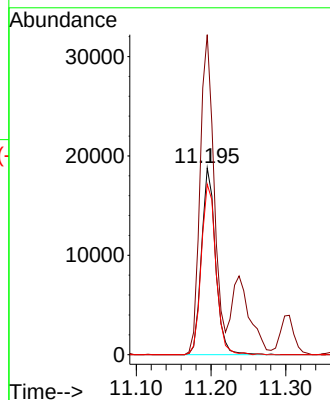
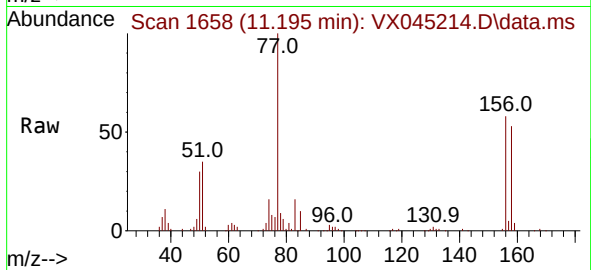
Tgt Ion:	156	Resp:	2451
Ion Ratio	Lower	Upper	
156	100		
77	170.4	85.8	257.4
158	95.0	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#78

n-propylbenzene

Concen: 19.227 ug/l

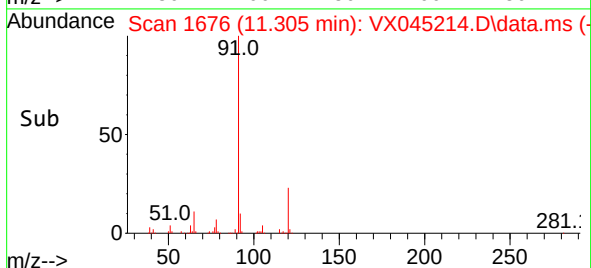
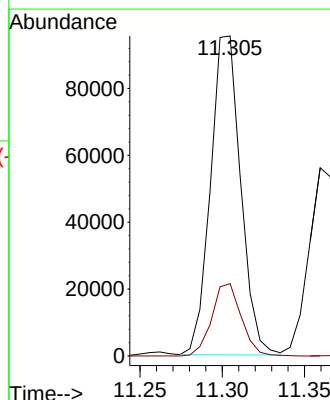
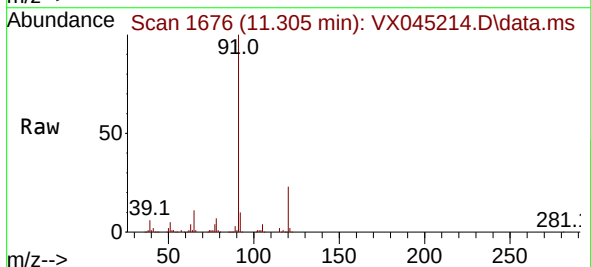
RT: 11.305 min Scan# 1676

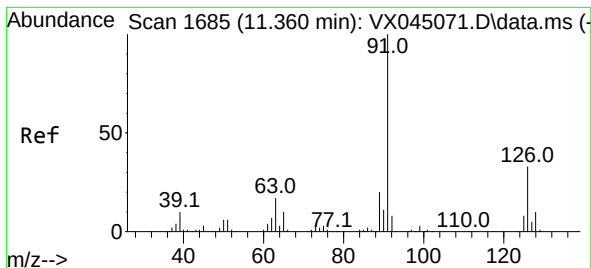
Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion:	91	Resp:	121782
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.2	33.6





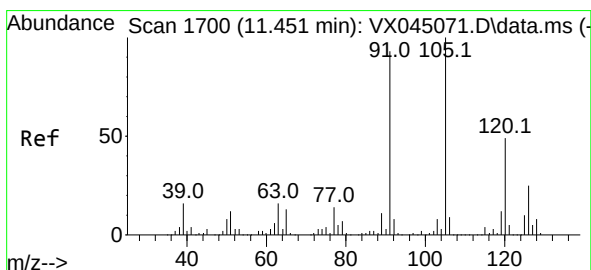
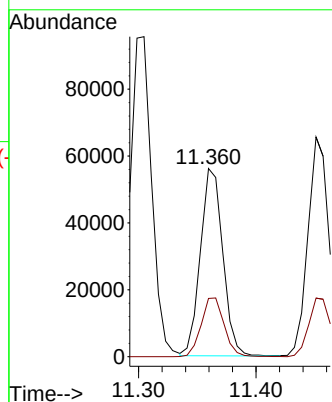
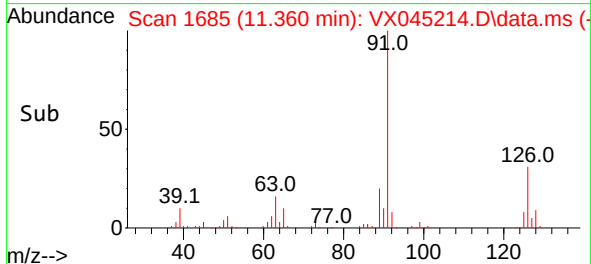
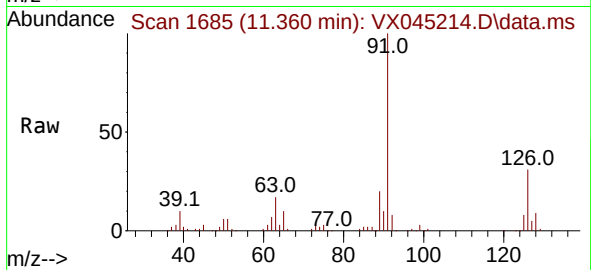
#79
2-Chlorotoluene
Concen: 18.427 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 91 Resp: 7433
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

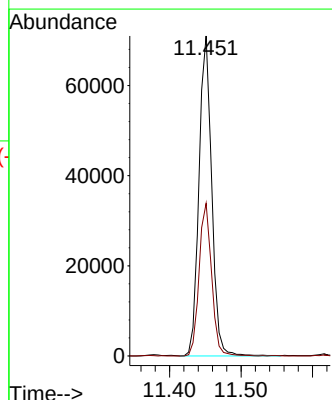
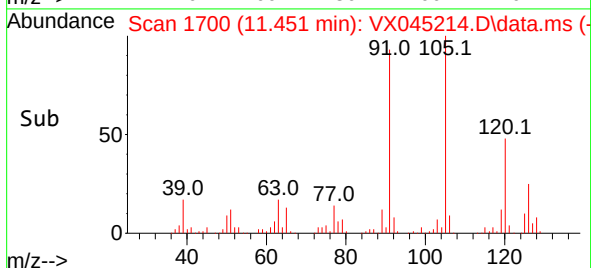
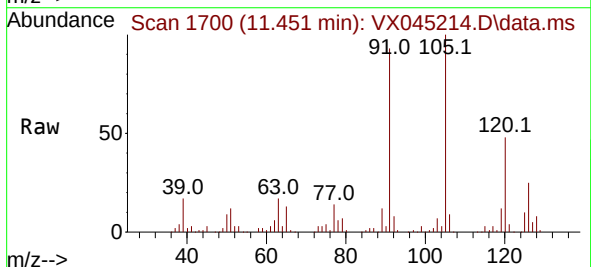
Manual Integrations
APPROVED

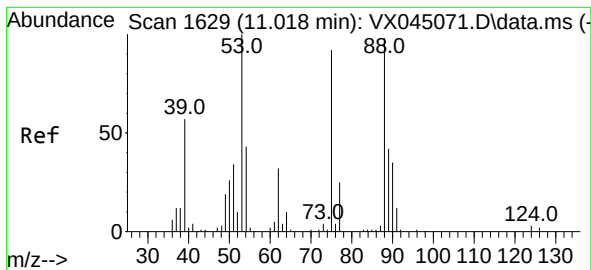
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.336 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

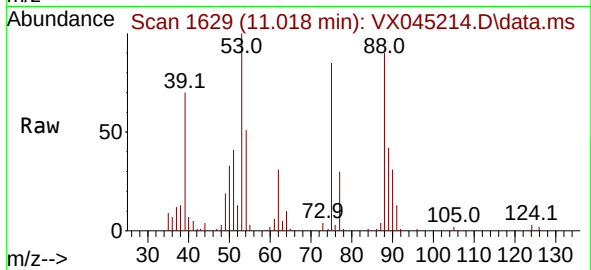
Tgt Ion:105 Resp: 87665
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.233 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

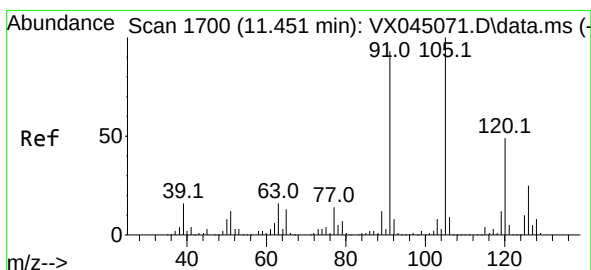
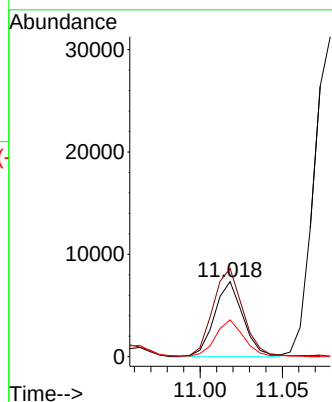
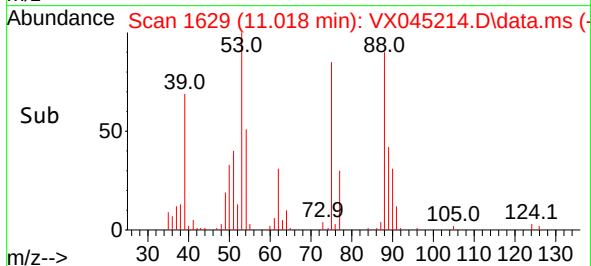
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



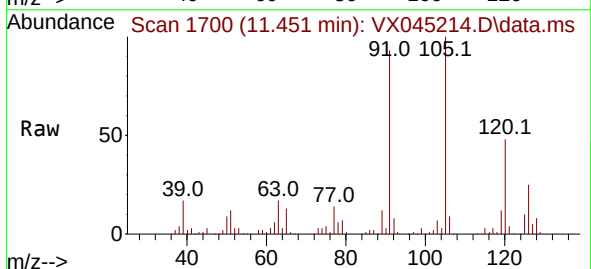
Tgt Ion: 75 Resp: 8908
Ion Ratio Lower Upper
75 100
53 120.4 88.5 132.7
89 49.0 36.2 54.4

Manual Integrations
APPROVED

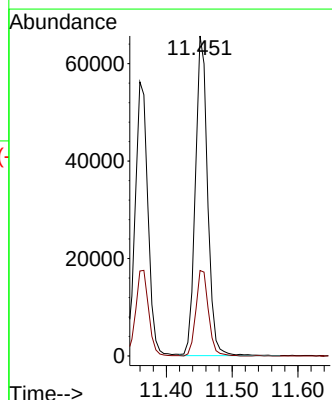
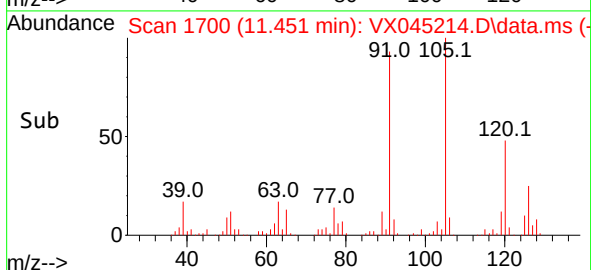
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

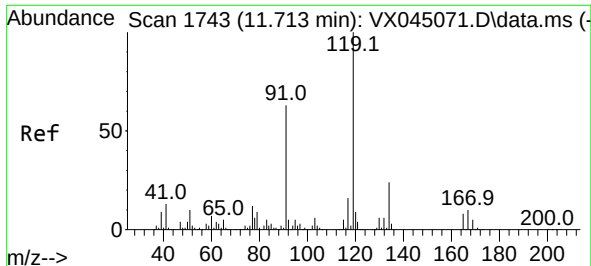


#82
4-Chlorotoluene
Concen: 19.196 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



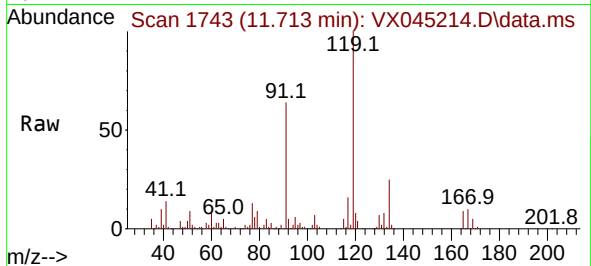
Tgt Ion: 91 Resp: 84393
Ion Ratio Lower Upper
91 100
126 27.6 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.764 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

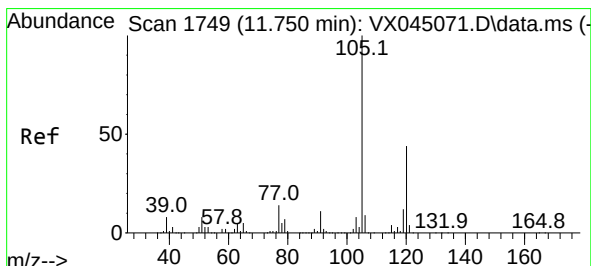
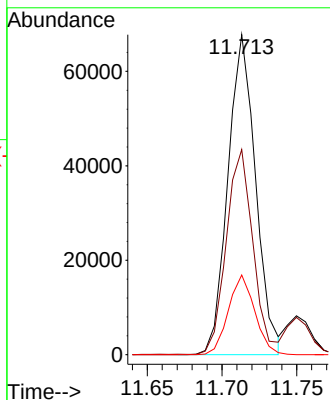
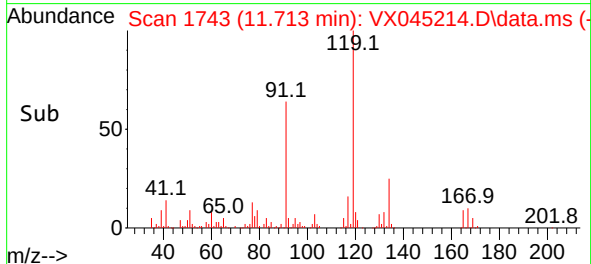
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



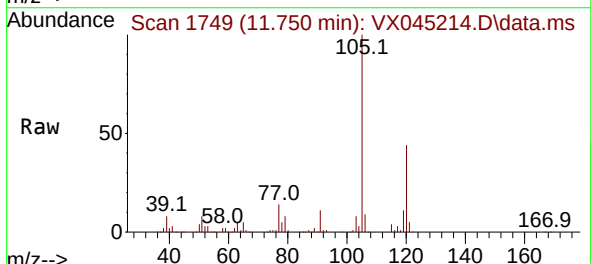
Tgt Ion:119 Resp: 87408
Ion Ratio Lower Upper
119 100
91 61.8 30.7 92.1
134 23.7 11.7 35.0

Manual Integrations
APPROVED

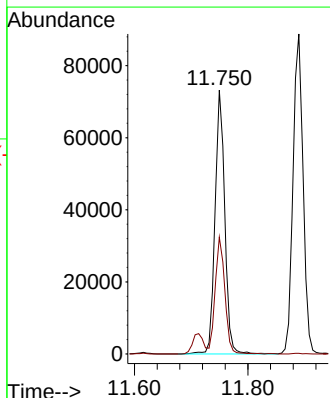
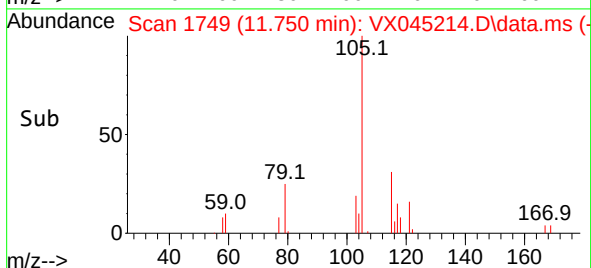
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

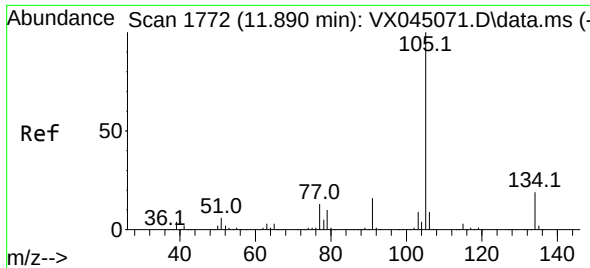


#84
1,2,4-Trimethylbenzene
Concen: 19.161 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



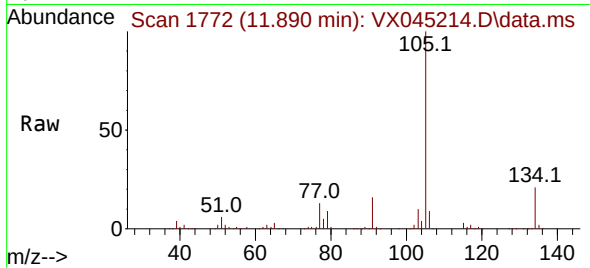
Tgt Ion:105 Resp: 87408
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 19.595 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14

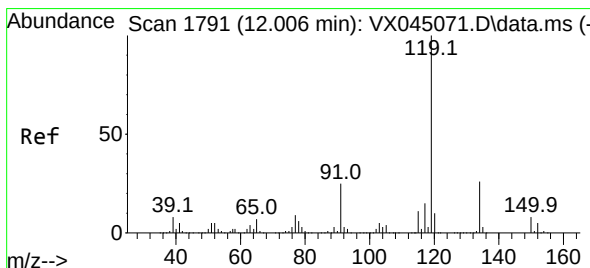
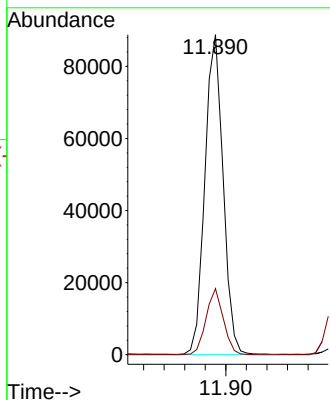
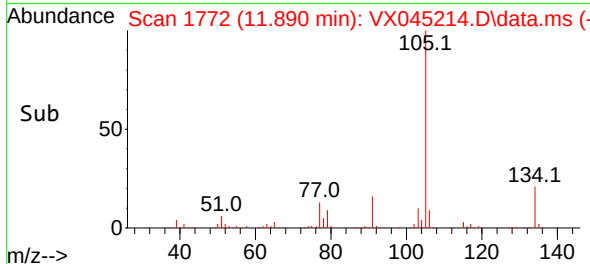
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01



Tgt Ion:105 Resp: 109340
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

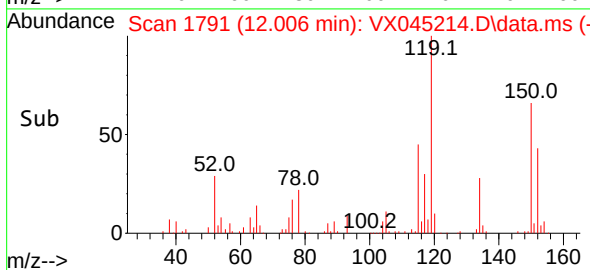
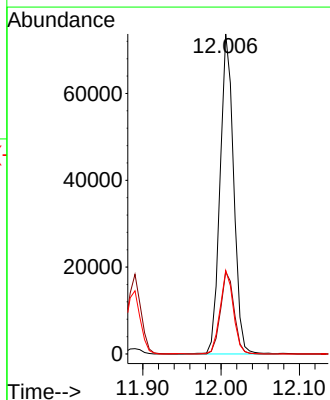
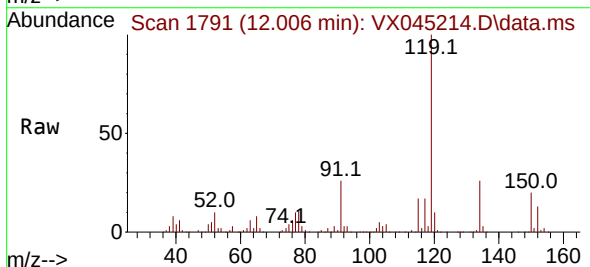
Manual Integrations
 APPROVED

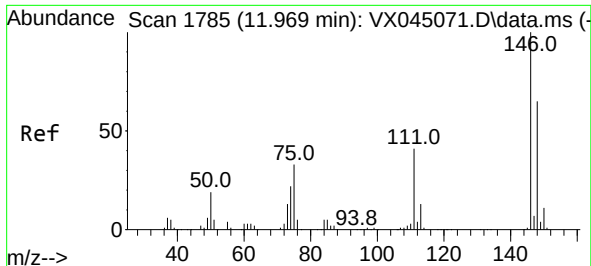
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#86
 p-Isopropyltoluene
 Concen: 19.784 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045214.D
 Acq: 11 Mar 2025 11:14

Tgt Ion:119 Resp: 89213
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 25.5 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.261 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion:146 Resp: 45450

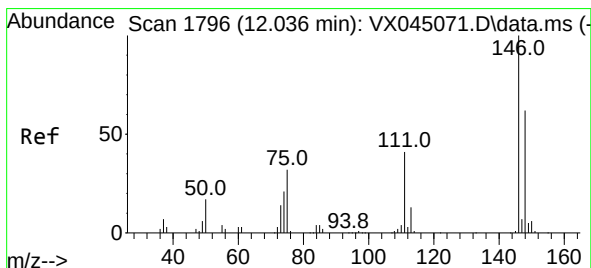
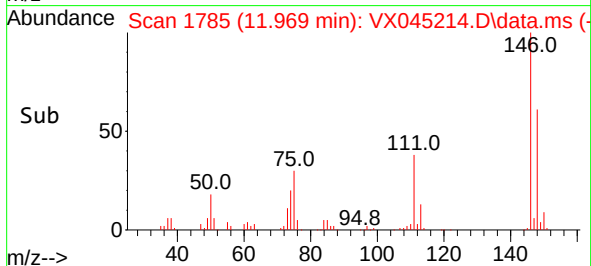
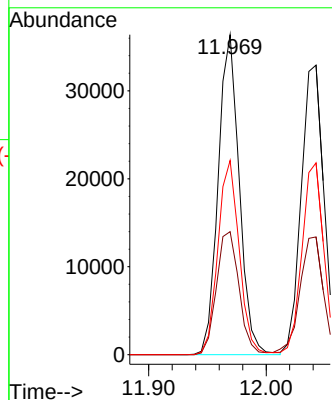
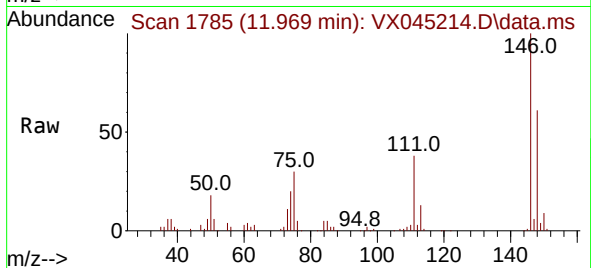
Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.1	63.4
148	61.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#88

1,4-Dichlorobenzene

Concen: 18.734 ug/l

RT: 12.042 min Scan# 1797

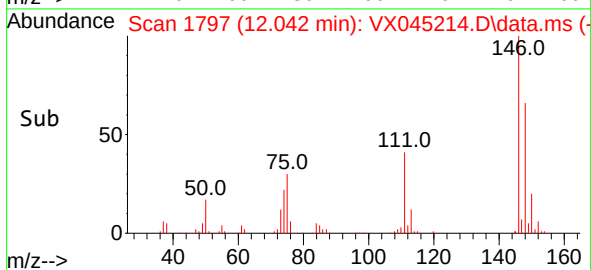
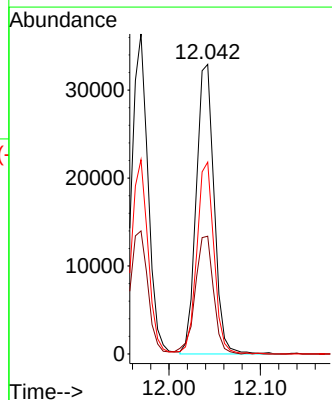
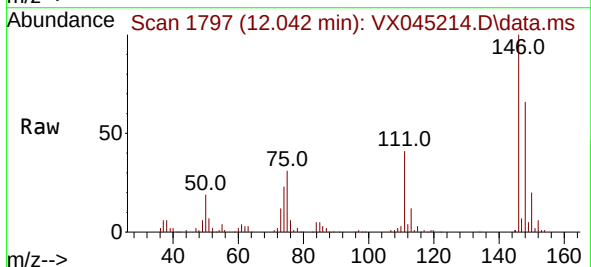
Delta R.T. 0.006 min

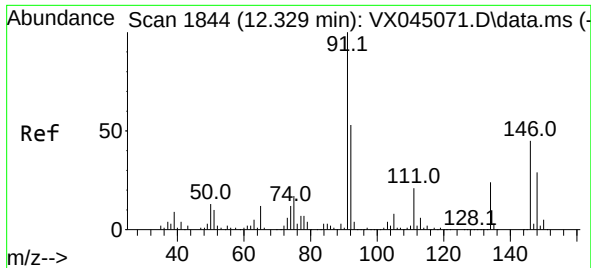
Lab File: VX045214.D

Acq: 11 Mar 2025 11:14

Tgt Ion:146 Resp: 44731

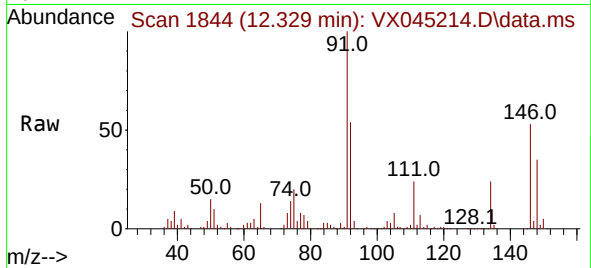
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.2	60.5
148	63.7	31.9	95.9





#89
n-Butylbenzene
Concen: 19.837 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

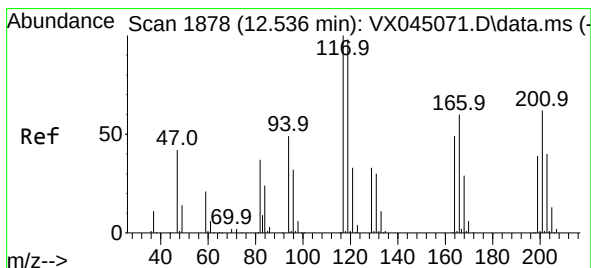
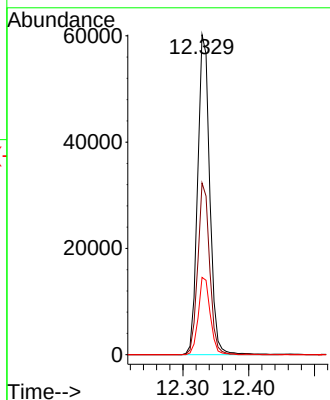
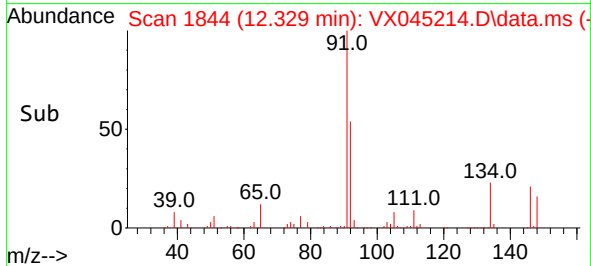
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



Tgt Ion: 91 Resp: 7704
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.0
134 23.8 12.2 36.6

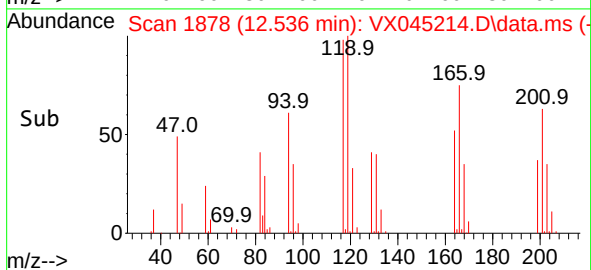
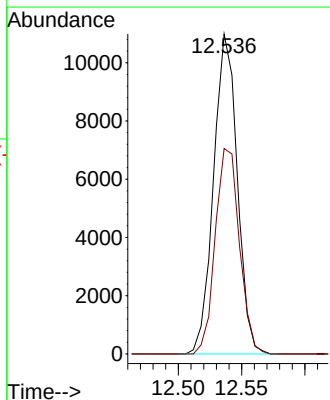
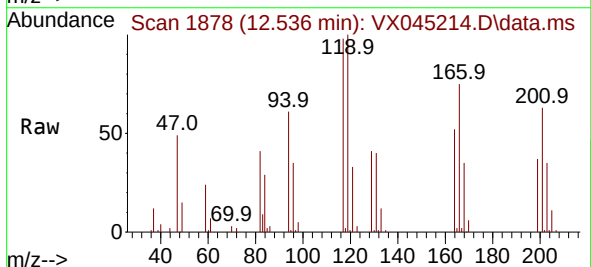
Manual Integrations
APPROVED

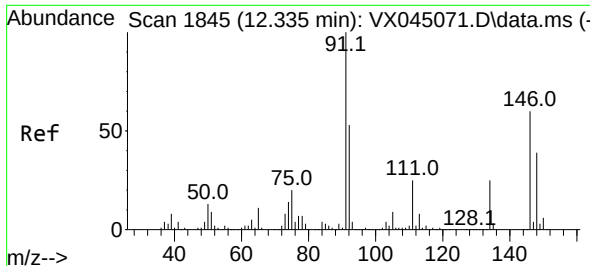
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#90
Hexachloroethane
Concen: 17.526 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

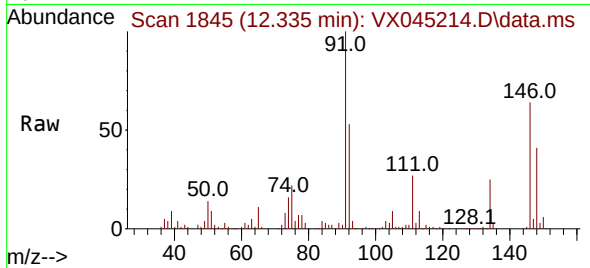
Tgt Ion:117 Resp: 14295
Ion Ratio Lower Upper
117 100
201 65.6 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 19.416 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

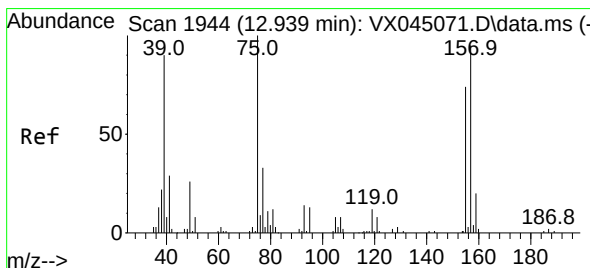
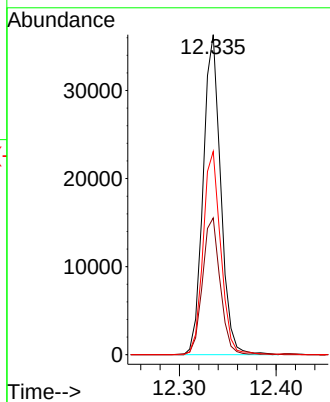
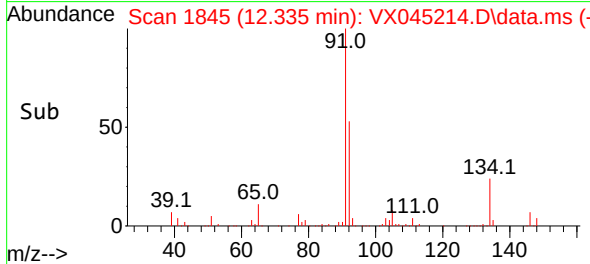
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



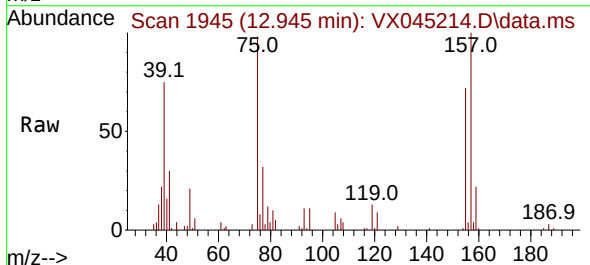
Tgt Ion:146 Resp: 4596
Ion Ratio Lower Upper
146 100
111 43.2 21.6 65.0
148 63.8 31.9 95.9

Manual Integrations
APPROVED

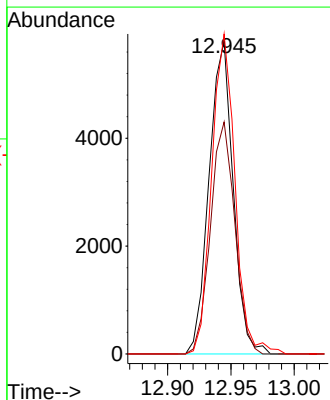
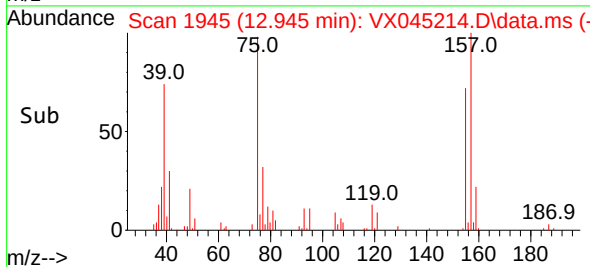
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

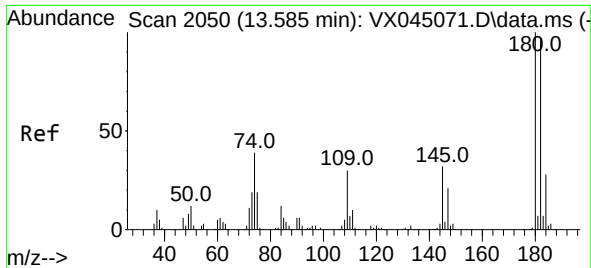


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.117 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



Tgt Ion: 75 Resp: 7663
Ion Ratio Lower Upper
75 100
155 75.0 39.6 118.7
157 99.5 51.1 153.4





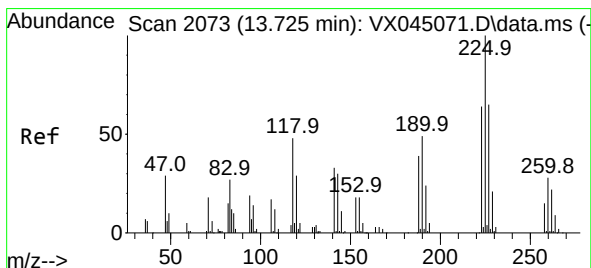
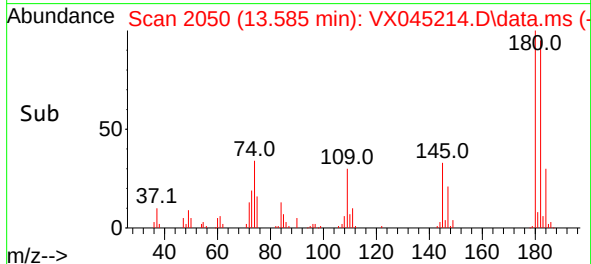
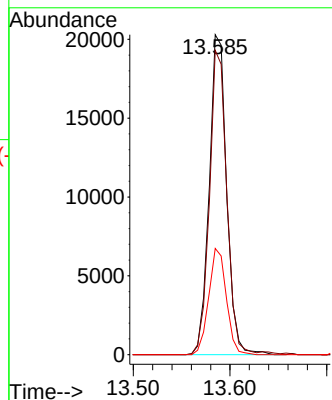
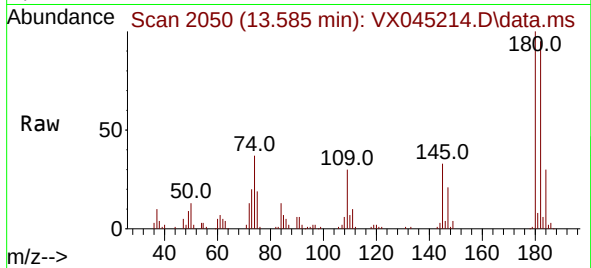
#93
1,2,4-Trichlorobenzene
Concen: 18.873 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion:180 Resp: 2544
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.9
145 33.6 16.3 48.9

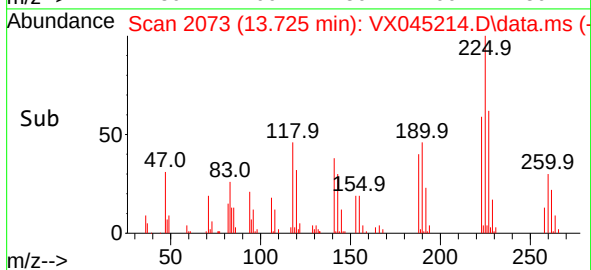
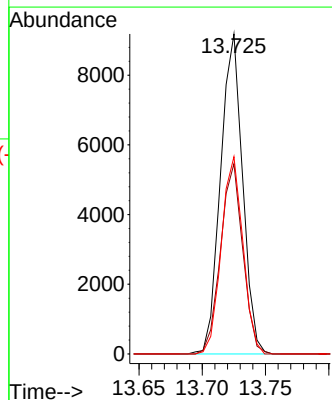
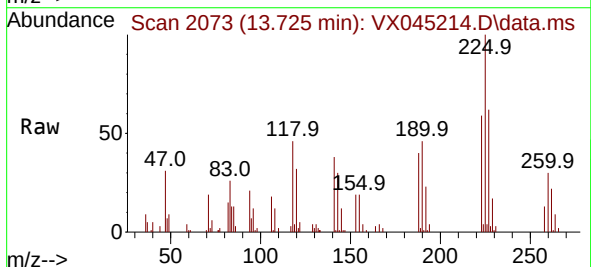
Manual Integrations
APPROVED

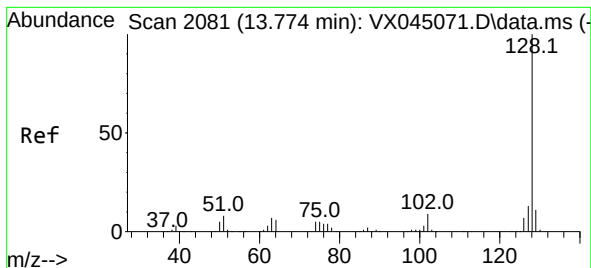
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#94
Hexachlorobutadiene
Concen: 20.075 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

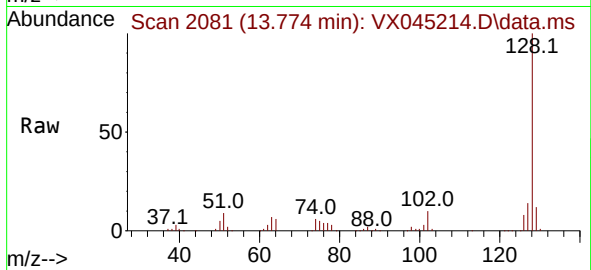
Tgt Ion:225 Resp: 11095
Ion Ratio Lower Upper
225 100
223 59.7 31.9 95.7
227 60.4 31.4 94.0





#95
Naphthalene
Concen: 18.846 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14

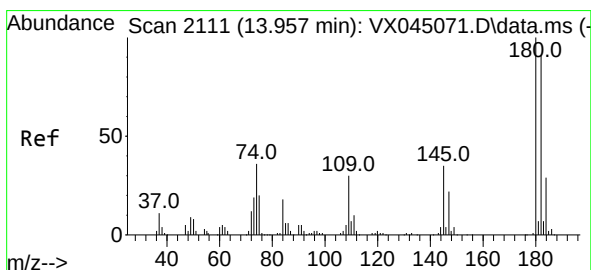
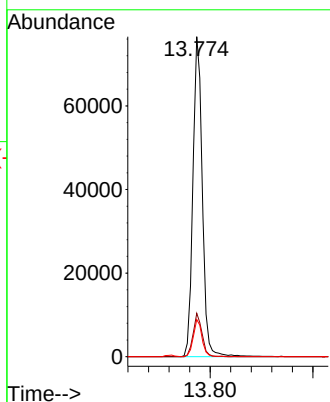
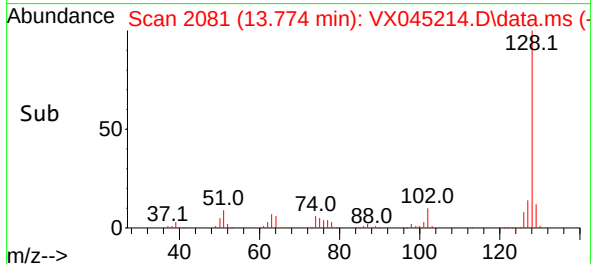
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01



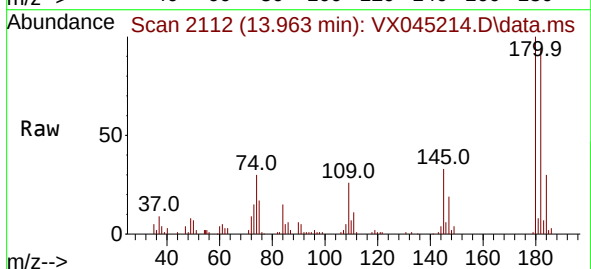
Tgt Ion:128 Resp: 9761
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.685 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045214.D
Acq: 11 Mar 2025 11:14



Tgt Ion:180 Resp: 26572
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.6
145 34.2 17.0 50.9

