

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045617.D
 Acq On : 07 Apr 2025 10:34
 Operator : JC/MD
 Sample : VX0407WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2025
 Supervised By : Mahesh Dadoda 04/08/2025

Quant Time: Apr 08 01:34:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	89694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83331	50.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.600%			
35) Dibromofluoromethane	5.379	113	56342	50.033	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.060%			
50) Toluene-d8	8.647	98	195538	49.749	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.500%			
62) 4-Bromofluorobenzene	11.079	95	72106	50.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26539	19.785	ug/l	96
3) Chloromethane	1.307	50	24082	17.476	ug/l	98
4) Vinyl Chloride	1.374	62	22749	18.039	ug/l	96
5) Bromomethane	1.593	94	10531	17.611	ug/l	95
6) Chloroethane	1.666	64	13064	19.525	ug/l	95
7) Trichlorofluoromethane	1.874	101	35064	18.645	ug/l	98
8) Diethyl Ether	2.130	74	10899	17.262	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	20363	18.479	ug/l	99
10) Methyl Iodide	2.447	142	23748	17.277	ug/l	98
11) Tert butyl alcohol	2.977	59	19430	88.142	ug/l	99
12) 1,1-Dichloroethene	2.313	96	18864	17.519	ug/l	96
13) Acrolein	2.233	56	32886	108.334	ug/l	98
14) Allyl chloride	2.654	41	37227	18.221	ug/l	99
15) Acrylonitrile	3.062	53	64059	92.059	ug/l	98
16) Acetone	2.380	43	60898	90.415	ug/l	96
17) Carbon Disulfide	2.502	76	44530	16.744	ug/l	100
18) Methyl Acetate	2.703	43	29937	19.305	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	66392	17.626	ug/l	99
20) Methylene Chloride	2.782	84	22301	17.686	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	19342	17.583	ug/l	96
22) Diisopropyl ether	3.764	45	70517	17.522	ug/l	90
23) Vinyl Acetate	3.721	43	307639	88.474	ug/l	98
24) 1,1-Dichloroethane	3.605	63	40491	17.790	ug/l	99
25) 2-Butanone	4.556	43	89883	91.166	ug/l	100
26) 2,2-Dichloropropane	4.465	77	29308	19.930	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	23391	17.453	ug/l	96
28) Bromochloromethane	4.897	49	22119	20.110	ug/l	99
29) Tetrahydrofuran	5.007	42	57774	90.384	ug/l	99
30) Chloroform	5.093	83	42943	18.336	ug/l	99
31) Cyclohexane	5.458	56	34529	17.161	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	35642	17.986	ug/l	99
36) 1,1-Dichloropropene	5.684	75	27361	17.995	ug/l	99
37) Ethyl Acetate	4.721	43	32485	16.954	ug/l	98
38) Carbon Tetrachloride	5.672	117	30822	18.757	ug/l	97
39) Methylcyclohexane	7.373	83	32996	17.704	ug/l	97
40) Benzene	6.031	78	83405	17.961	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18930	18.724	ug/l	99
42) 1,2-Dichloroethane	6.086	62	35769	18.650	ug/l	100
43) Isopropyl Acetate	6.342	43	52567	18.101	ug/l	99
44) Trichloroethene	7.123	130	19895	18.025	ug/l	98
45) 1,2-Dichloropropane	7.428	63	21087	18.200	ug/l	100
46) Dibromomethane	7.580	93	16073	18.071	ug/l	97
47) Bromodichloromethane	7.818	83	32271	18.168	ug/l	97
48) Methyl methacrylate	7.696	41	27006	18.011	ug/l	99
49) 1,4-Dioxane	7.659	88	10577	389.882	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	181149	94.095	ug/l	98
52) Toluene	8.714	92	50130	17.841	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	26146	16.895	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	30988	18.565	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	20414	18.232	ug/l	92
56) Ethyl methacrylate	9.116	69	30029	17.329	ug/l	96
57) 1,3-Dichloropropane	9.305	76	35623	18.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	69612	79.411	ug/l	100
59) 2-Hexanone	9.427	43	130780	91.734	ug/l	100
60) Dibromochloromethane	9.519	129	22685	18.584	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20690	18.254	ug/l	99
64) Tetrachloroethene	9.269	164	18965	19.327	ug/l	93
65) Chlorobenzene	10.079	112	54159	18.237	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	18533	17.975	ug/l	100
67) Ethyl Benzene	10.189	91	96615	18.164	ug/l	98
68) m/p-Xylenes	10.299	106	70049	36.210	ug/l	98
69) o-Xylene	10.640	106	34794	18.258	ug/l	98
70) Styrene	10.653	104	57575	18.305	ug/l	99
71) Bromoform	10.799	173	14155	18.386	ug/l #	98
73) Isopropylbenzene	10.963	105	92499	17.804	ug/l	99
74) N-amyl acetate	10.842	43	42430	17.073	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	32065	17.569	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	27650m	17.477	ug/l	
77) Bromobenzene	11.195	156	21356	17.790	ug/l	98
78) n-propylbenzene	11.305	91	105538	17.636	ug/l	100
79) 2-Chlorotoluene	11.360	91	67251	17.579	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	76216	17.740	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7803	16.739	ug/l	96
82) 4-Chlorotoluene	11.451	91	75042	17.593	ug/l	100
83) tert-Butylbenzene	11.713	119	74797	17.585	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	76620	17.769	ug/l	99
85) sec-Butylbenzene	11.890	105	92241	17.657	ug/l	100
86) p-Isopropyltoluene	12.006	119	75592	17.551	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	37807	17.302	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	37519	16.936	ug/l	97
89) n-Butylbenzene	12.329	91	64350	17.230	ug/l	98
90) Hexachloroethane	12.536	117	13254	17.906	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	38002	17.492	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6802	17.821	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	19889	16.447	ug/l	98
94) Hexachlorobutadiene	13.719	225	9339	17.922	ug/l	96
95) Naphthalene	13.774	128	73854	16.411	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	21009	16.591	ug/l	99

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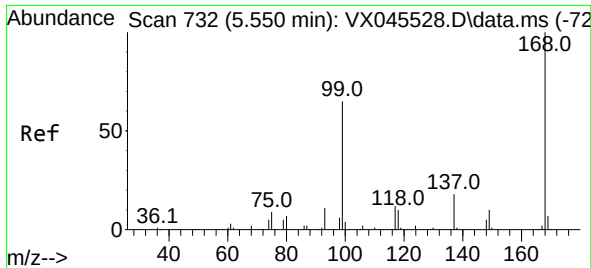
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/08/2025

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Response via : Initial Calibration

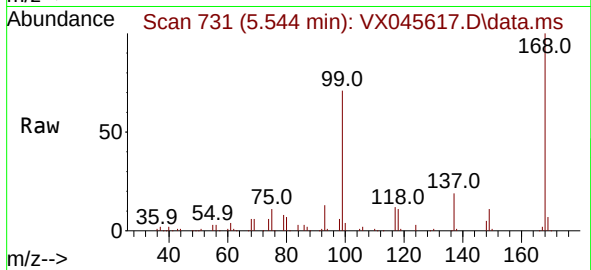
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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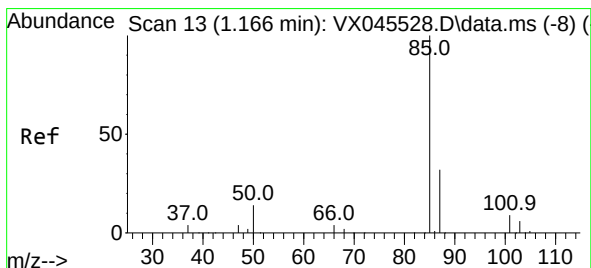
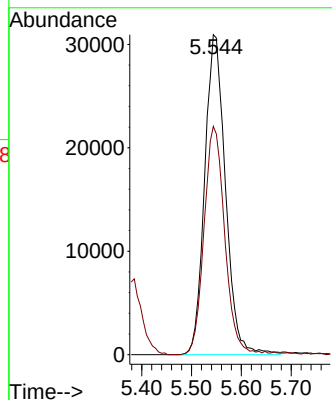
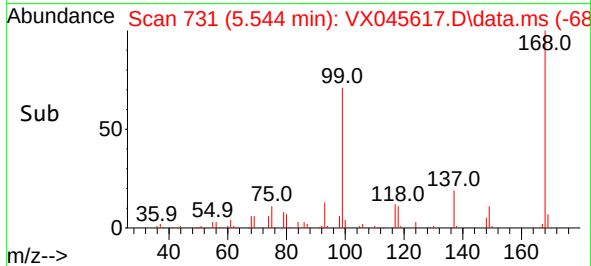
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:168 Resp: 89694
Ion Ratio Lower Upper
168 100
99 71.3 52.3 78.5

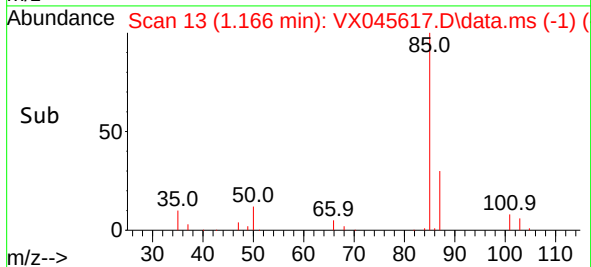
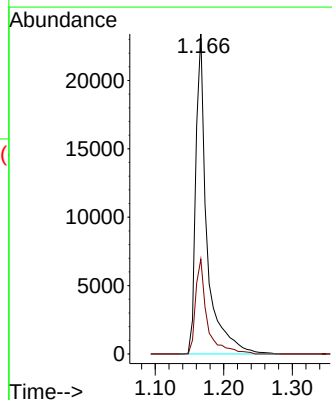
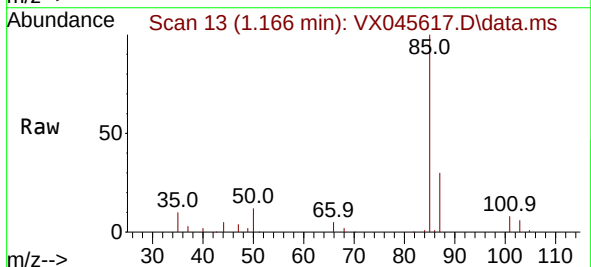
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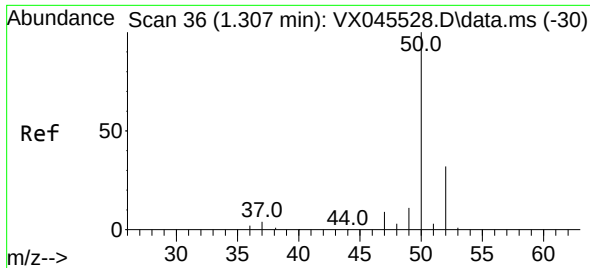
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#2
Dichlorodifluoromethane
Concen: 19.785 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Tgt Ion: 85 Resp: 26539
Ion Ratio Lower Upper
85 100
87 29.7 16.1 48.2





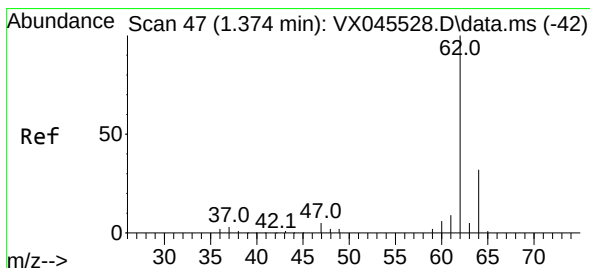
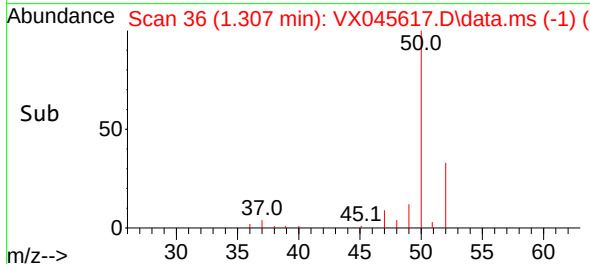
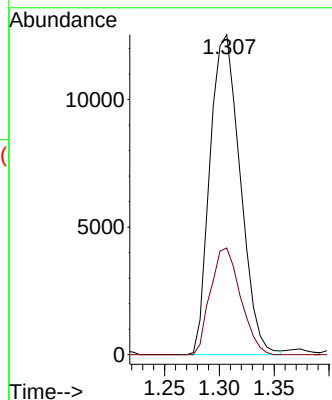
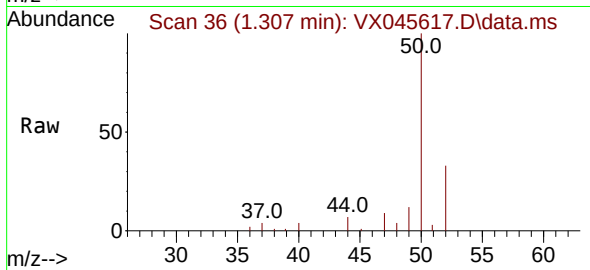
#3
Chloromethane
Concen: 17.476 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

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Tgt Ion: 50 Resp: 2408
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9

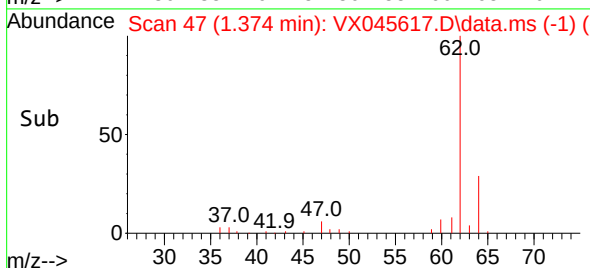
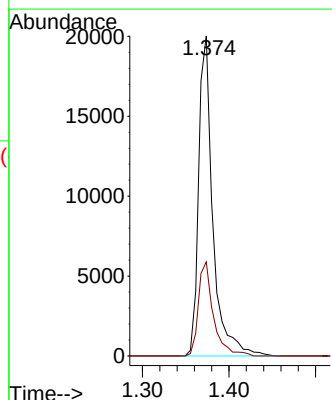
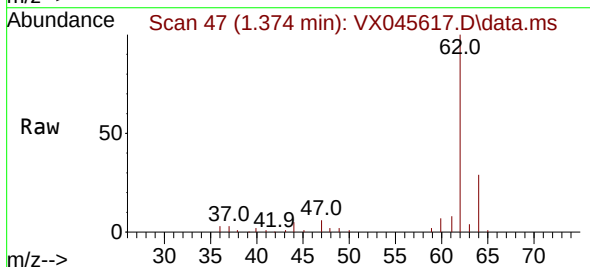
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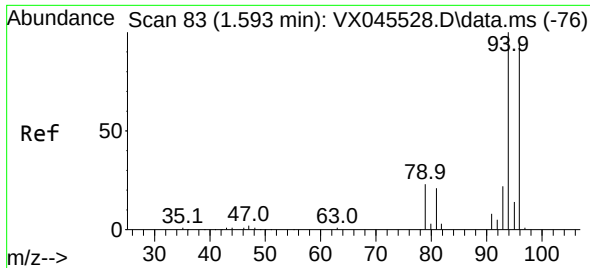
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#4
Vinyl Chloride
Concen: 18.039 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

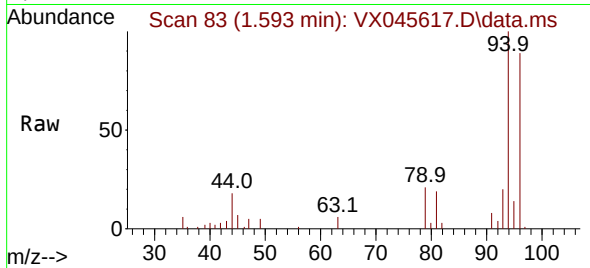
Tgt Ion: 62 Resp: 22749
Ion Ratio Lower Upper
62 100
64 29.4 25.5 38.3





#5
Bromomethane
Concen: 17.611 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

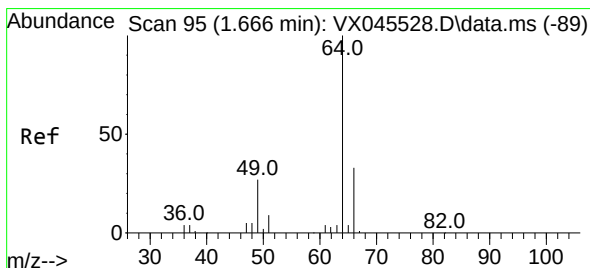
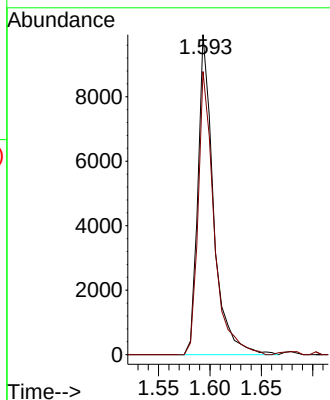
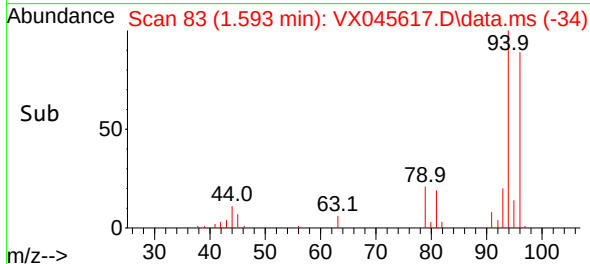
Instrument :
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Tgt Ion: 94 Resp: 1053
Ion Ratio Lower Upper
94 100
96 88.5 74.8 112.2

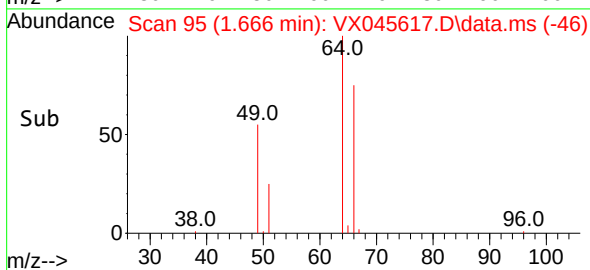
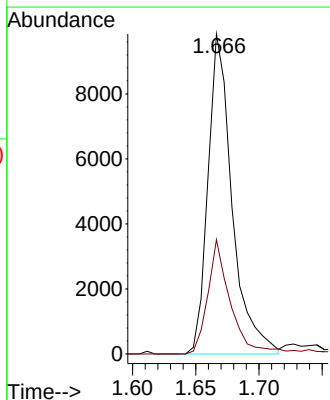
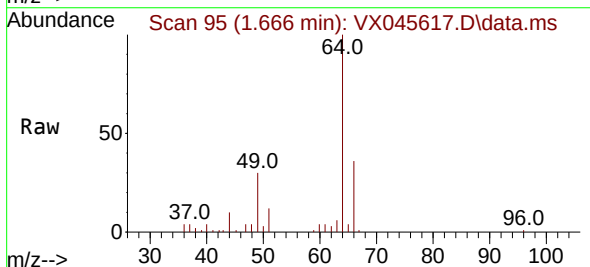
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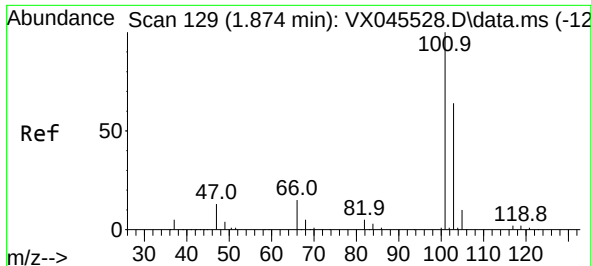
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#6
Chloroethane
Concen: 19.525 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

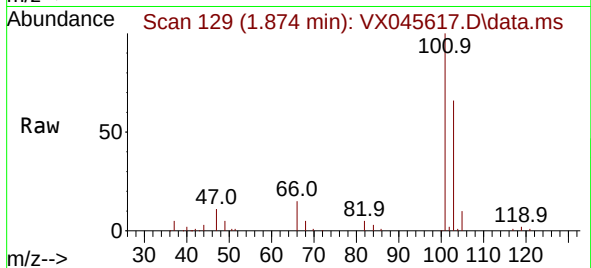
Tgt Ion: 64 Resp: 13064
Ion Ratio Lower Upper
64 100
66 35.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.645 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045617.D
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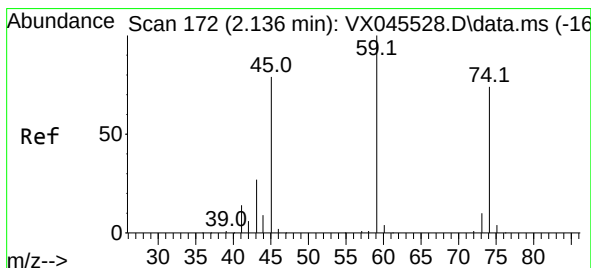
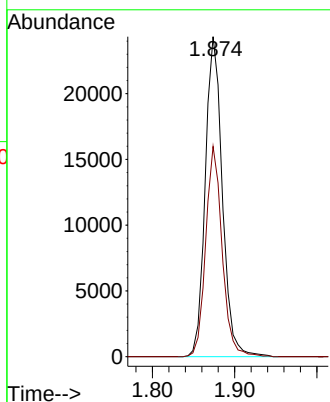
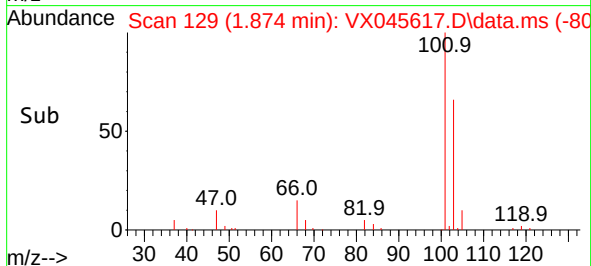
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 35064
Ion Ratio Lower Upper
101 100
103 65.7 51.1 76.7

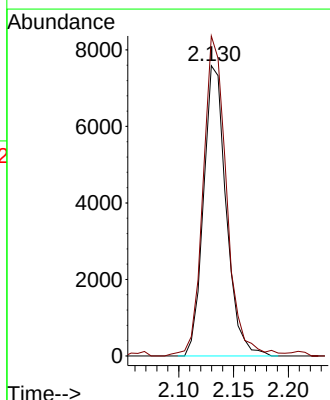
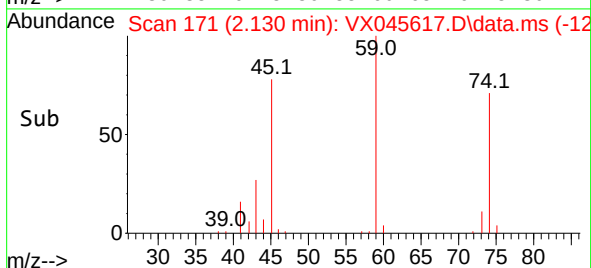
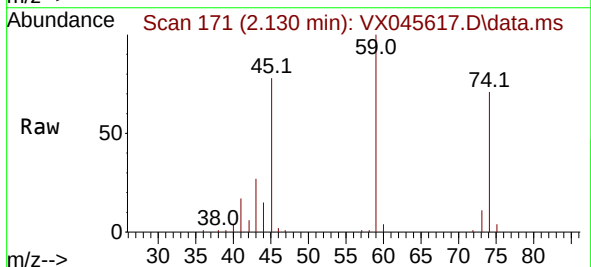
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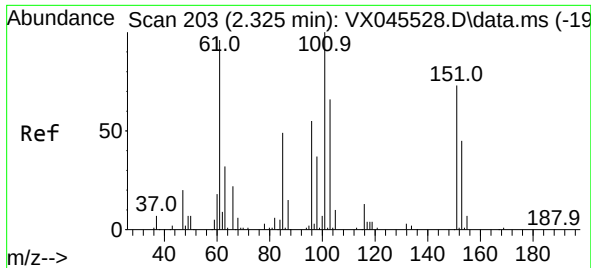
Reviewed By :John Carlone 04/08/2025
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#8
Diethyl Ether
Concen: 17.262 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Tgt Ion: 74 Resp: 10899
Ion Ratio Lower Upper
74 100
45 114.0 53.0 159.1





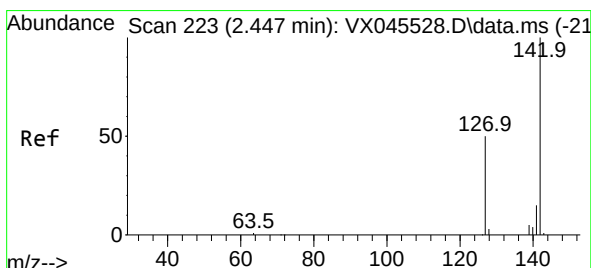
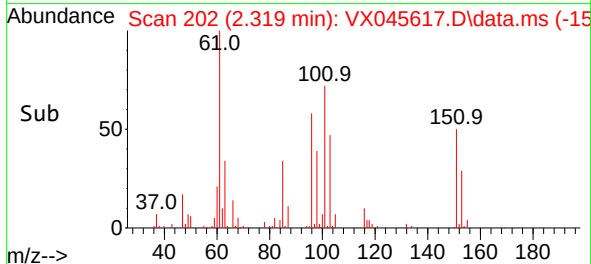
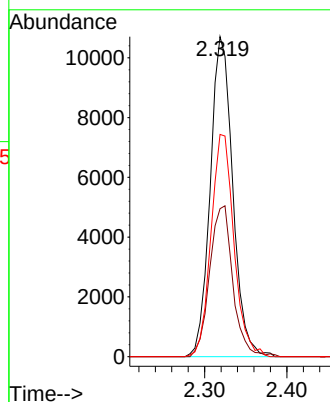
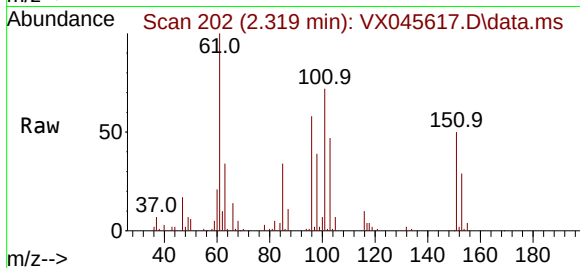
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.479 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 2036
Ion Ratio Lower Upper
101 100
85 48.4 38.9 58.3
151 70.8 57.5 86.3

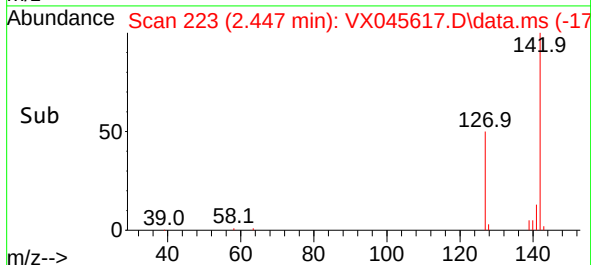
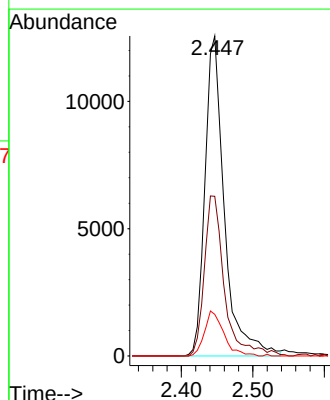
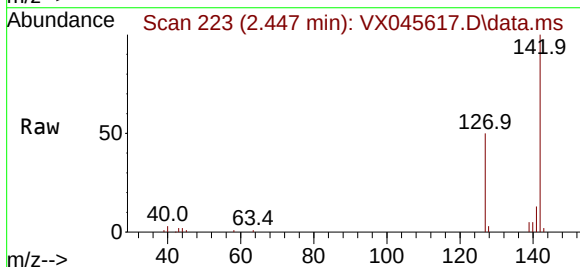
Manual Integrations
APPROVED

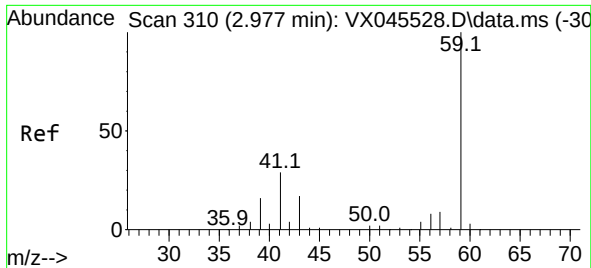
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#10
Methyl Iodide
Concen: 17.277 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

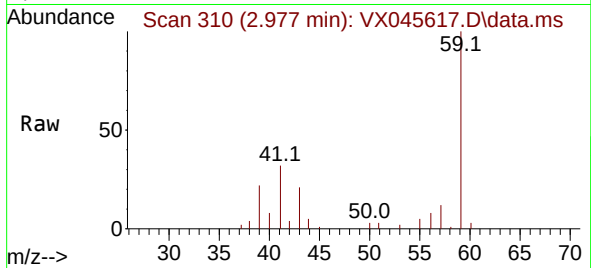
Tgt Ion:142 Resp: 23748
Ion Ratio Lower Upper
142 100
127 51.6 40.2 60.4
141 13.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 88.142 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

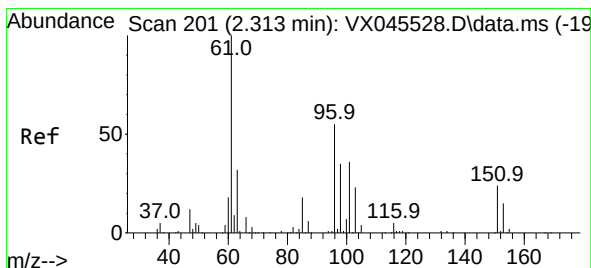
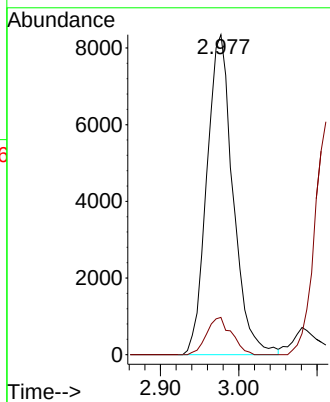
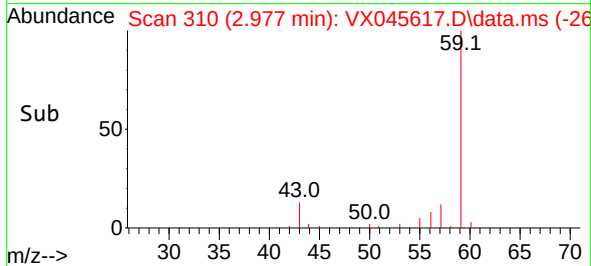
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



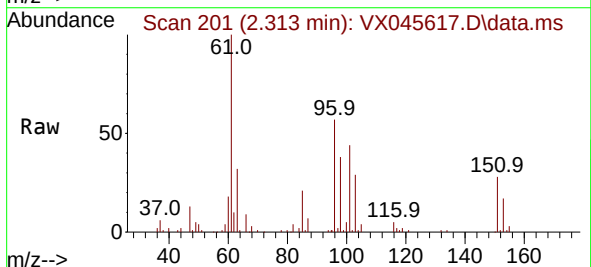
Tgt Ion: 59 Resp: 19430
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

Manual Integrations
APPROVED

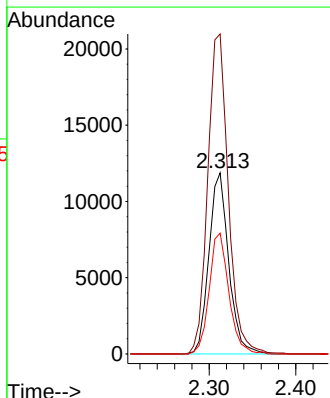
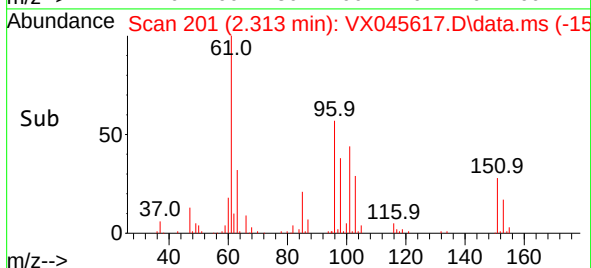
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

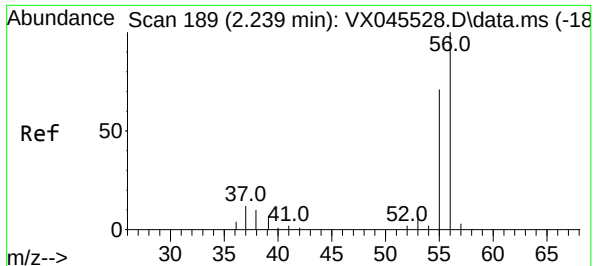


#12
1,1-Dichloroethene
Concen: 17.519 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34



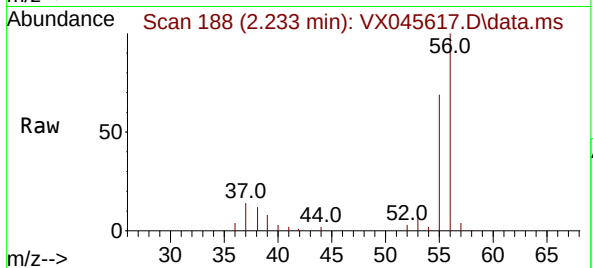
Tgt Ion: 96 Resp: 18864
Ion Ratio Lower Upper
96 100
61 176.8 145.7 218.5
98 66.7 51.6 77.4





#13
Acrolein
Concen: 108.334 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

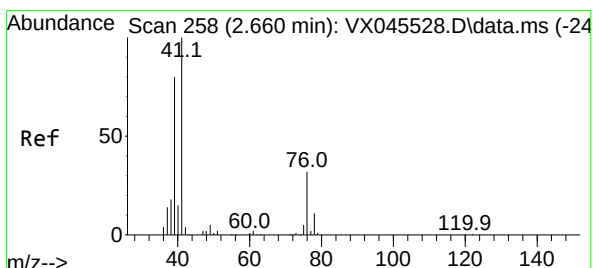
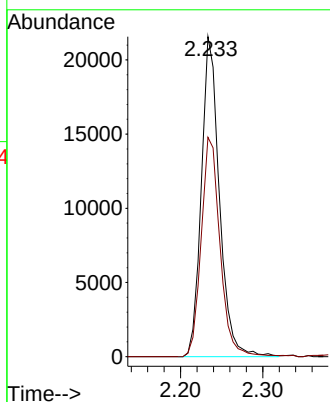
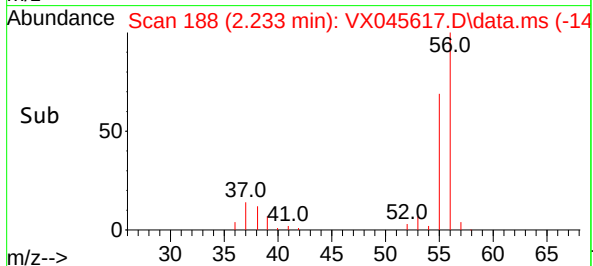
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 56 Resp: 3288
Ion Ratio Lower Upper
56 100
55 71.7 56.2 84.2

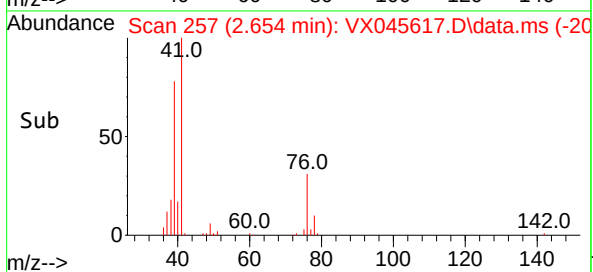
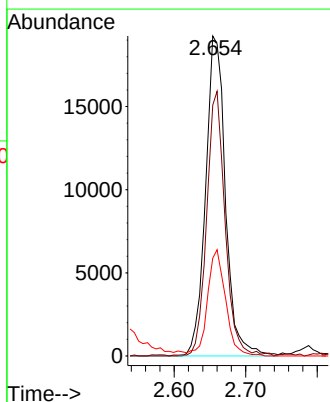
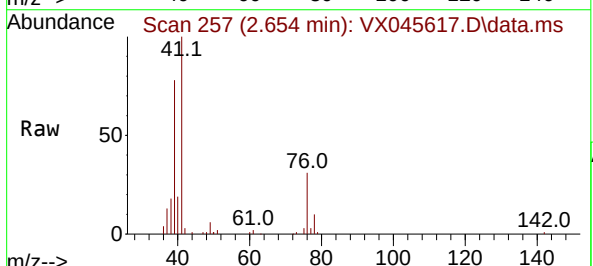
Manual Integrations
APPROVED

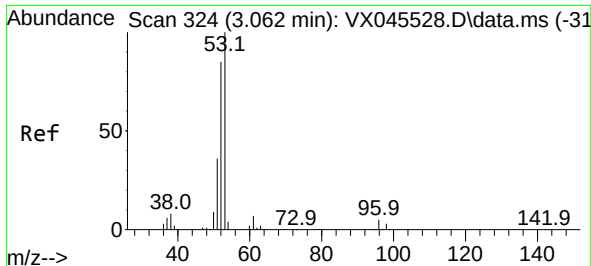
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#14
Allyl chloride
Concen: 18.221 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

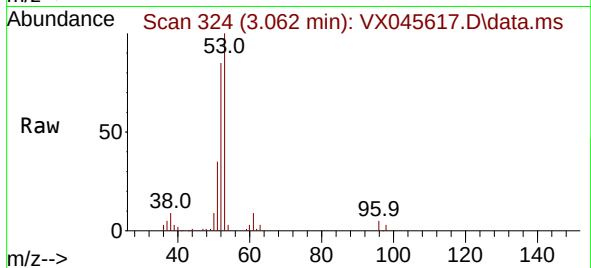
Tgt Ion: 41 Resp: 37227
Ion Ratio Lower Upper
41 100
39 76.6 60.2 90.2
76 30.3 24.6 36.8





#15
Acrylonitrile
Concen: 92.059 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

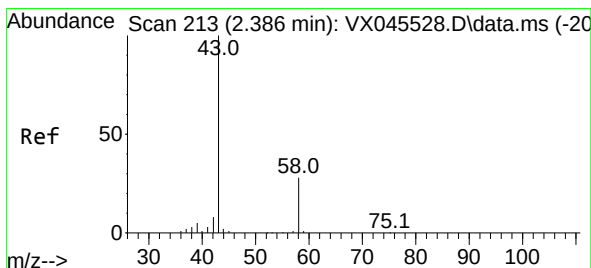
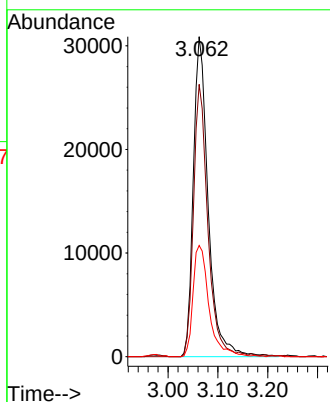
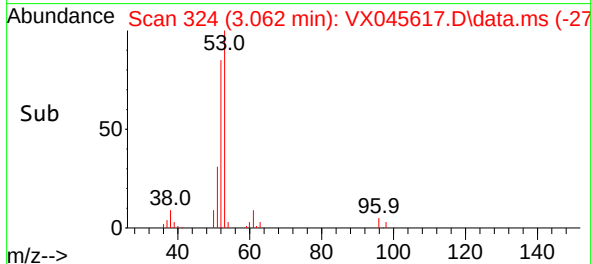
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



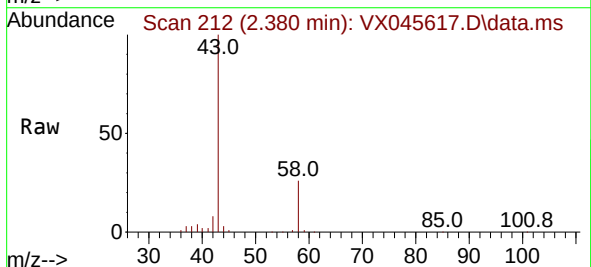
Tgt Ion: 53 Resp: 64059
Ion Ratio Lower Upper
53 100
52 82.0 67.4 101.2
51 37.3 29.9 44.9

Manual Integrations
APPROVED

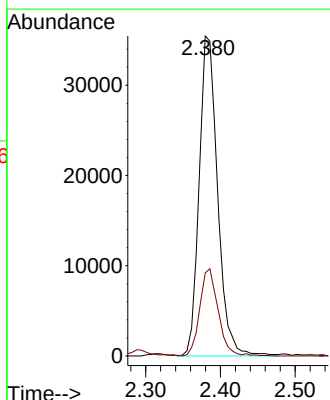
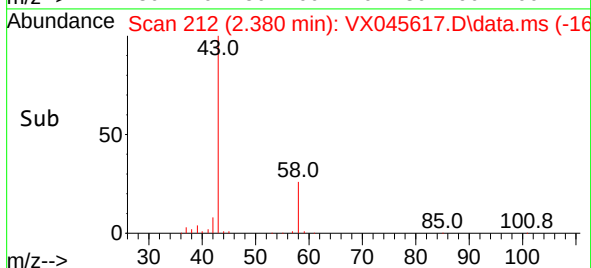
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

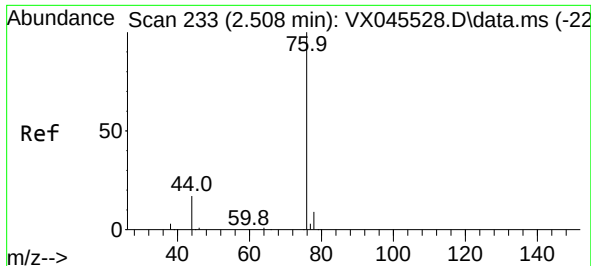


#16
Acetone
Concen: 90.415 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34



Tgt Ion: 43 Resp: 60898
Ion Ratio Lower Upper
43 100
58 26.0 22.3 33.5





#17

Carbon Disulfide

Concen: 16.744 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 76 Resp: 44530

Ion Ratio Lower Upper

76 100

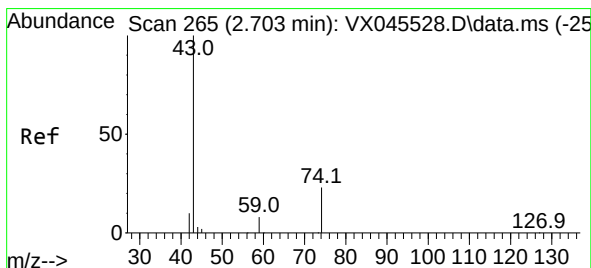
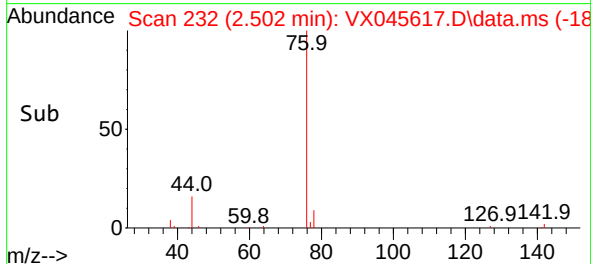
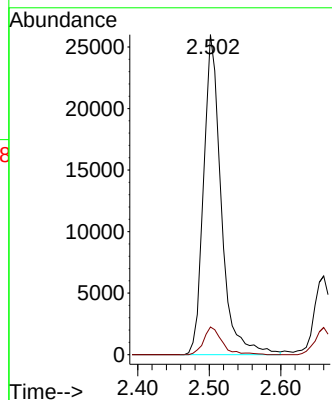
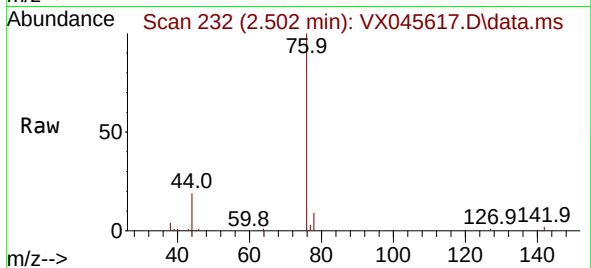
78 8.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#18

Methyl Acetate

Concen: 19.305 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045617.D

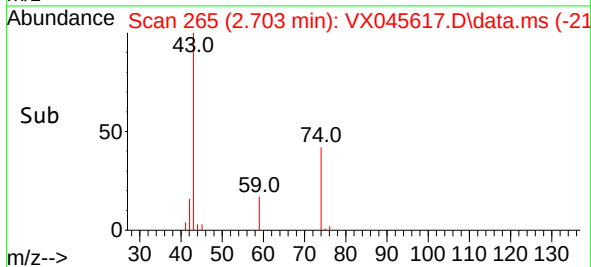
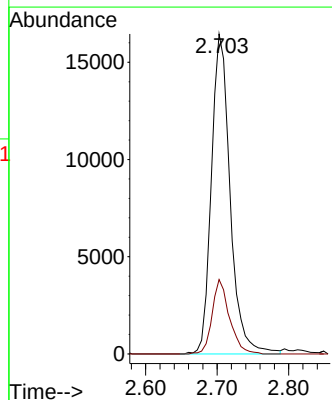
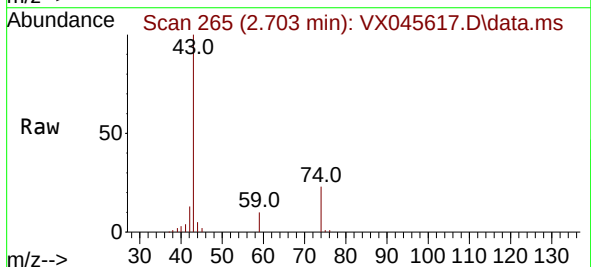
Acq: 07 Apr 2025 10:34

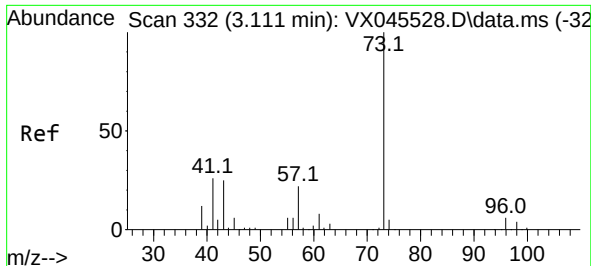
Tgt Ion: 43 Resp: 29937

Ion Ratio Lower Upper

43 100

74 21.5 17.5 26.3





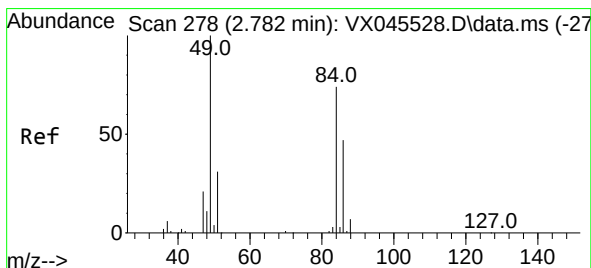
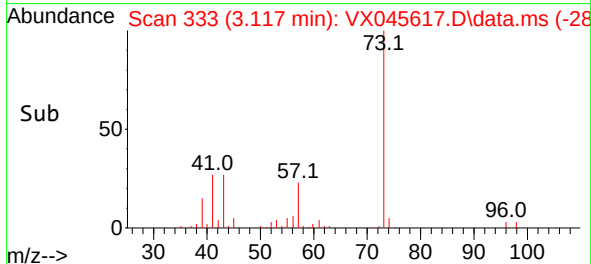
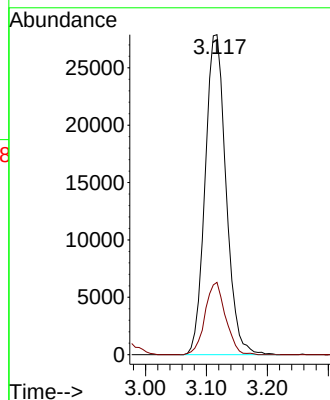
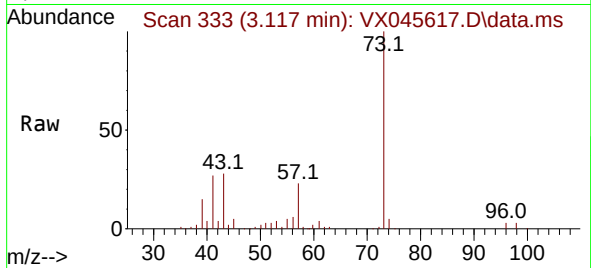
#19
Methyl tert-butyl Ether
Concen: 17.626 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 73 Resp: 66392
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4

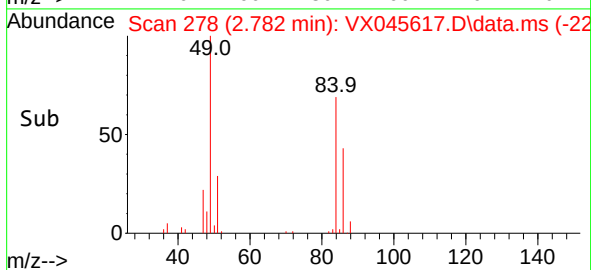
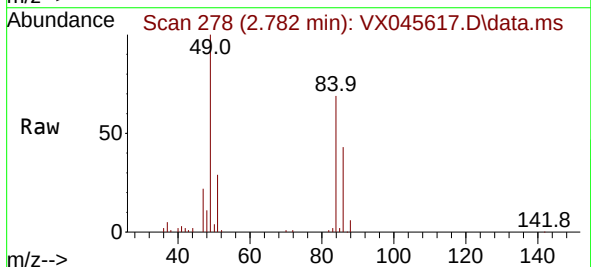
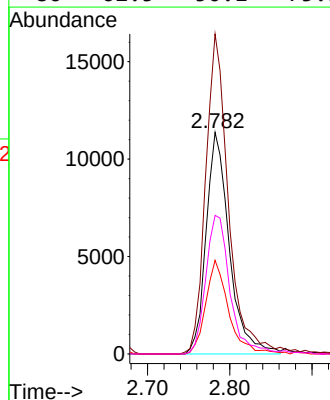
Manual Integrations
APPROVED

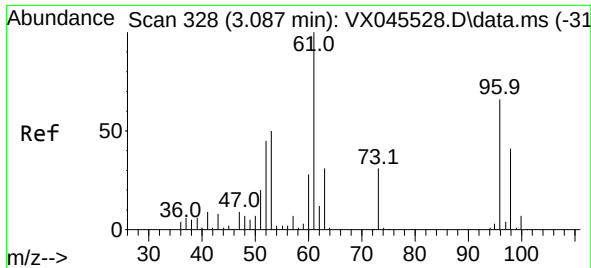
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#20
Methylene Chloride
Concen: 17.686 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

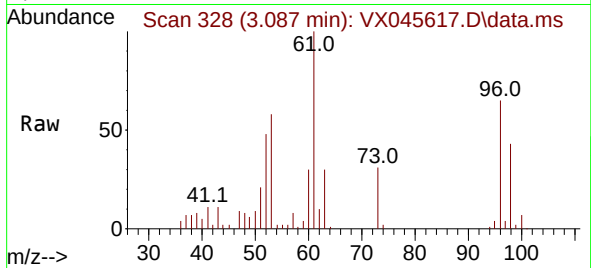
Tgt Ion: 84 Resp: 22301
Ion Ratio Lower Upper
84 100
49 144.4 107.5 161.3
51 42.3 33.0 49.6
86 62.5 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 17.583 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

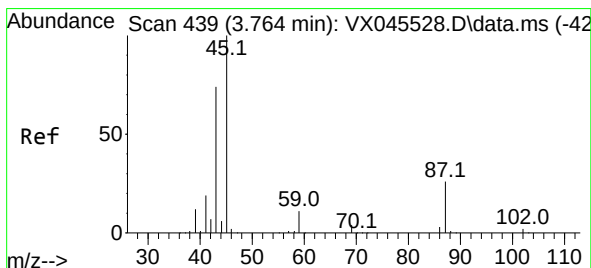
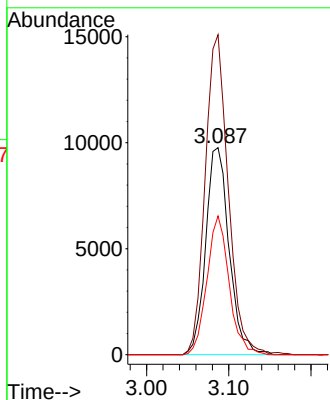
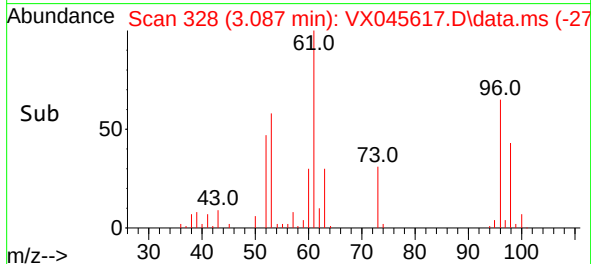
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 96 Resp: 1934
Ion Ratio Lower Upper
96 100
61 154.5 121.0 181.6
98 67.0 49.7 74.5

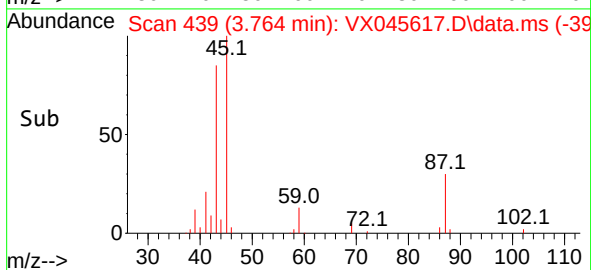
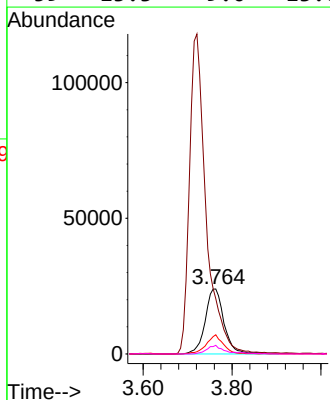
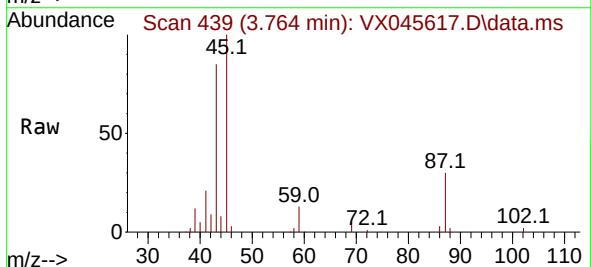
Manual Integrations
APPROVED

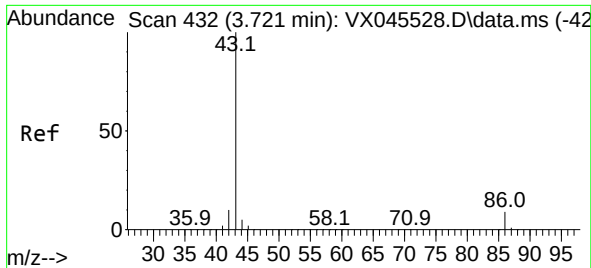
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#22
Diisopropyl ether
Concen: 17.522 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

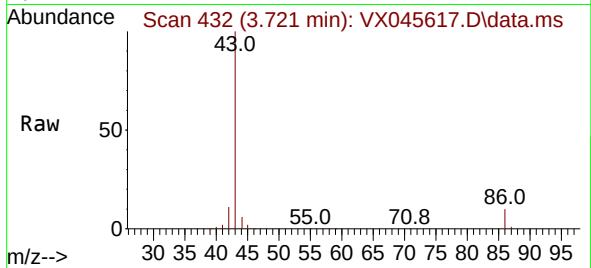
Tgt Ion: 45 Resp: 70517
Ion Ratio Lower Upper
45 100
43 83.7 59.3 88.9
87 29.6 20.4 30.6
59 13.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 88.474 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045617.D
 Acq: 07 Apr 2025 10:34

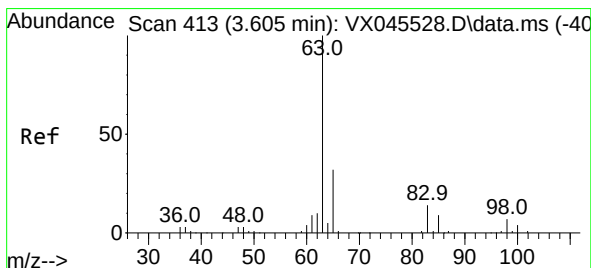
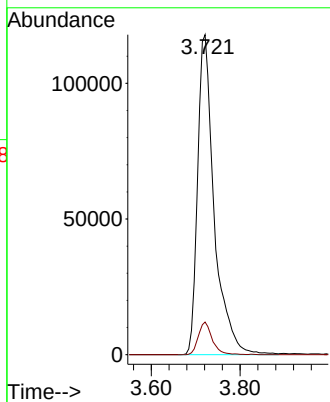
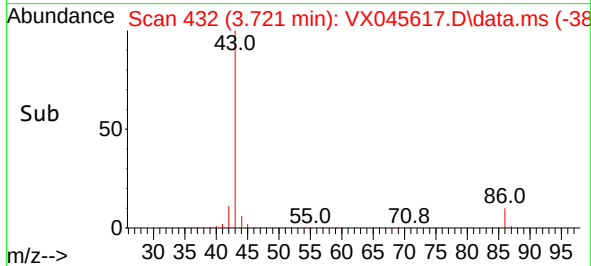
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01



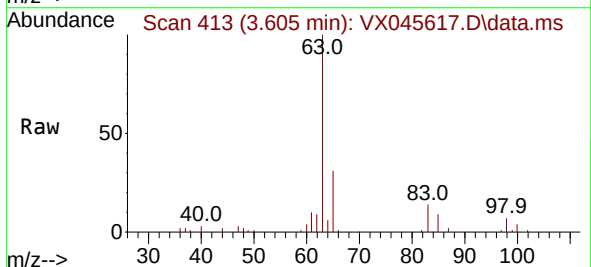
Tgt Ion: 43 Resp: 307639
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.5 11.3

Manual Integrations
 APPROVED

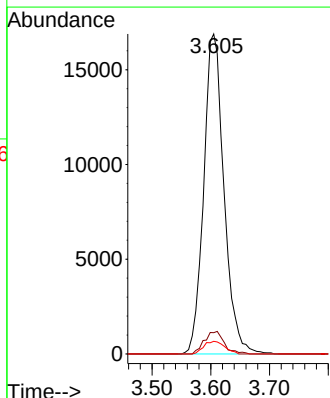
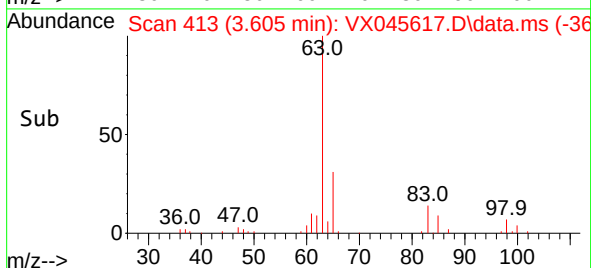
Reviewed By :John Carlone 04/08/2025
 Supervised By :Mahesh Dadoda 04/08/2025

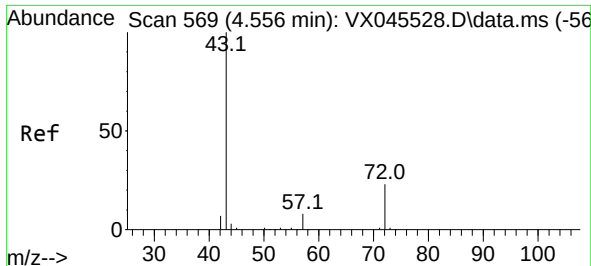


#24
 1,1-Dichloroethane
 Concen: 17.790 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045617.D
 Acq: 07 Apr 2025 10:34



Tgt Ion: 63 Resp: 40491
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 3.9 2.2 6.6





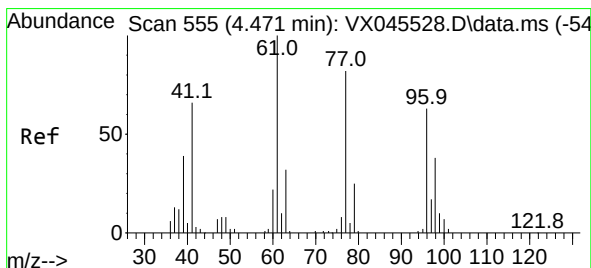
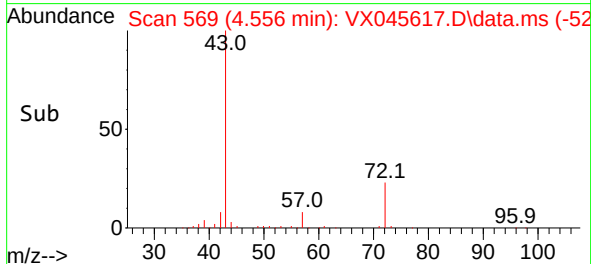
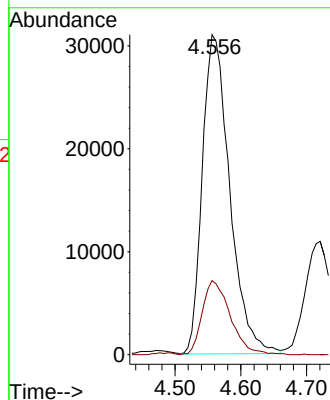
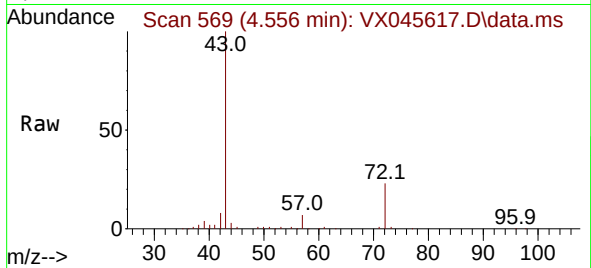
#25
2-Butanone
Concen: 91.166 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 43 Resp: 8988
Ion Ratio Lower Upper
43 100
72 23.2 18.6 28.0

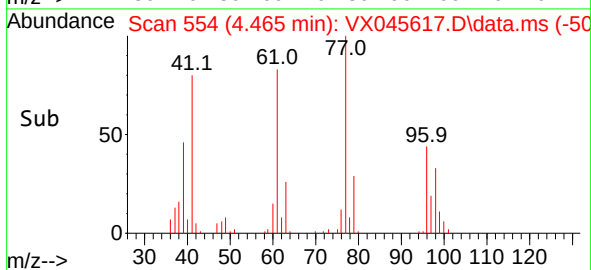
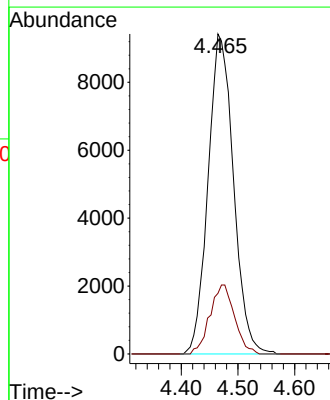
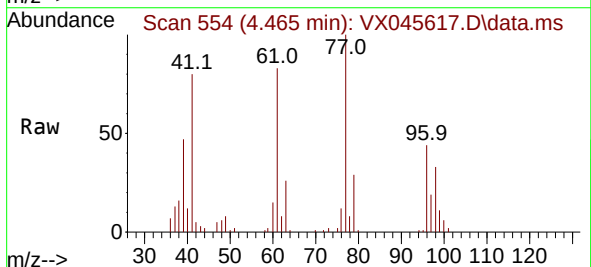
Manual Integrations
APPROVED

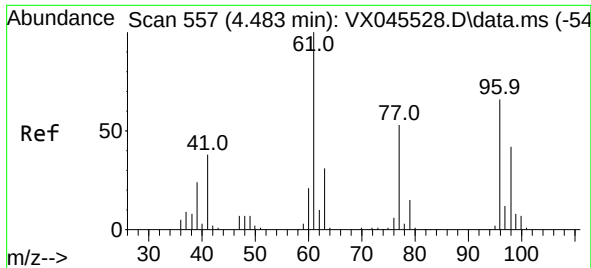
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#26
2,2-Dichloropropane
Concen: 19.930 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Tgt Ion: 77 Resp: 29308
Ion Ratio Lower Upper
77 100
97 20.9 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 17.453 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 96 Resp: 2339

Ion Ratio Lower Upper

96 100

61 162.1 0.0 313.2

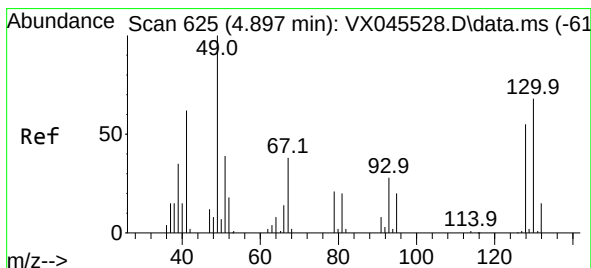
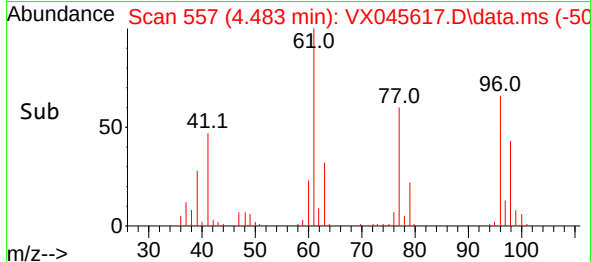
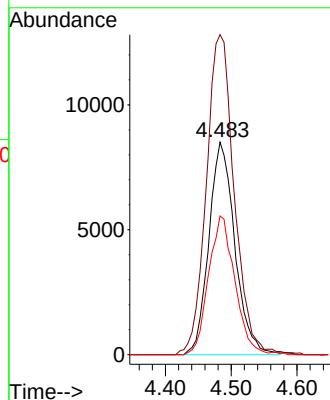
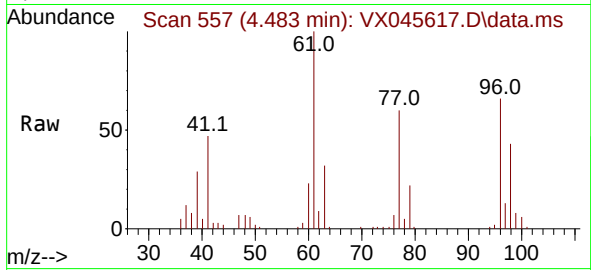
98 65.8 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#28

Bromochloromethane

Concen: 20.110 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

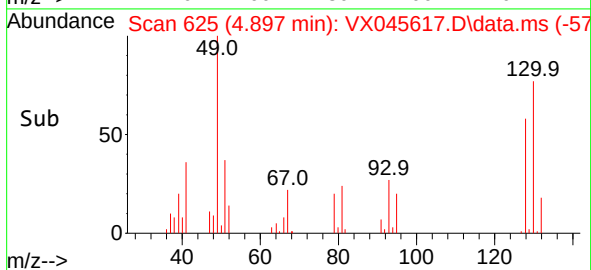
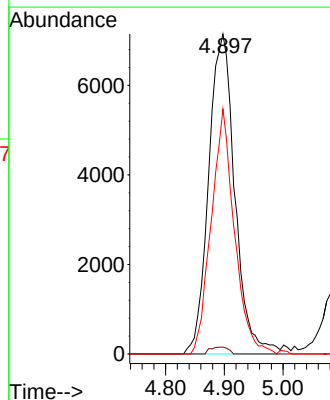
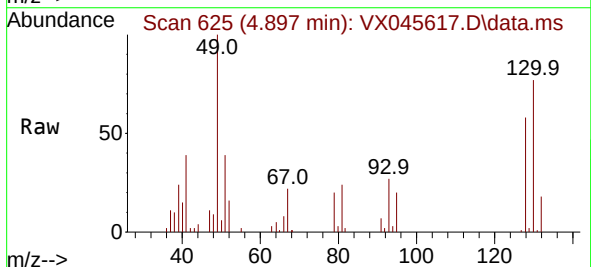
Tgt Ion: 49 Resp: 22119

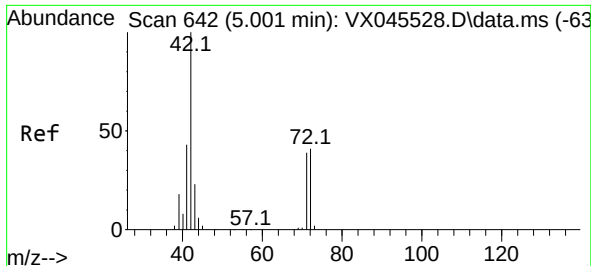
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 67.8 54.6 81.8





#29

Tetrahydrofuran

Concen: 90.384 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 42 Resp: 57774

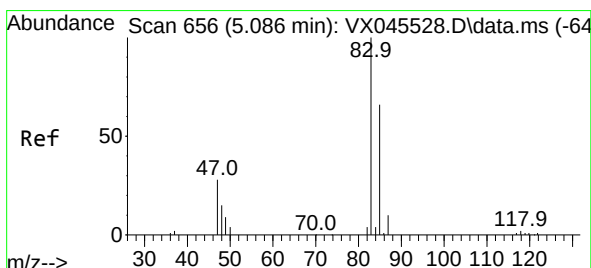
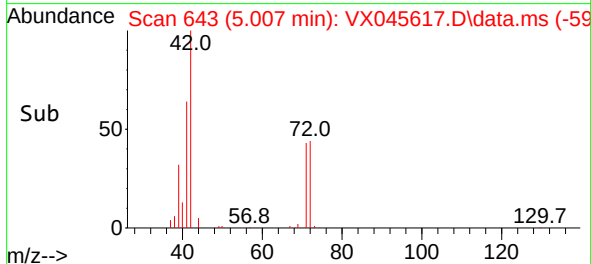
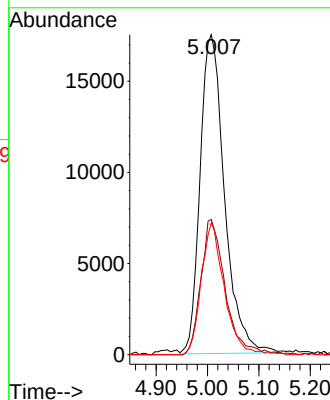
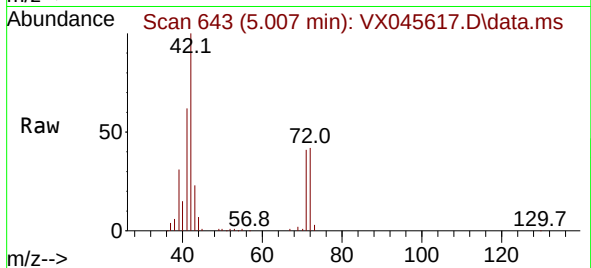
Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.4	50.0
71	39.0	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#30

Chloroform

Concen: 18.336 ug/l

RT: 5.093 min Scan# 657

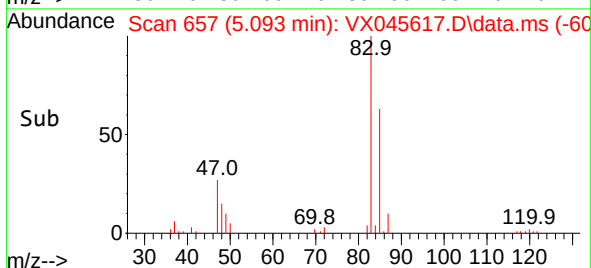
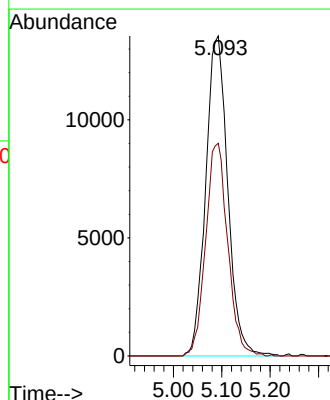
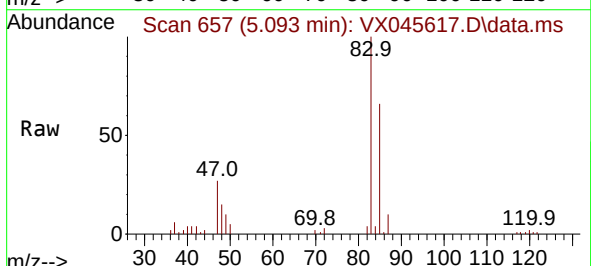
Delta R.T. 0.006 min

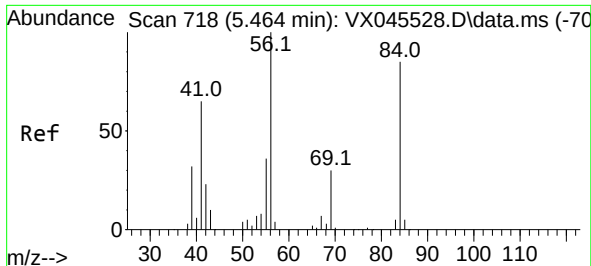
Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Tgt Ion: 83 Resp: 42943

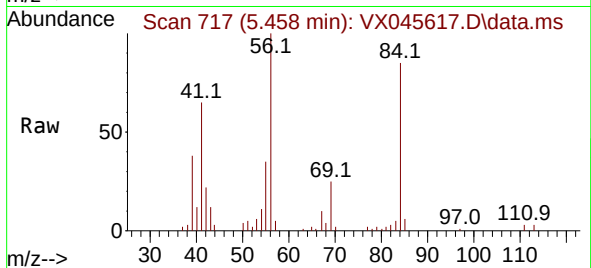
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.8	79.2





#31
Cyclohexane
Concen: 17.161 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

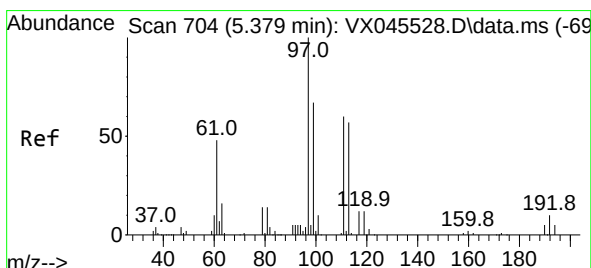
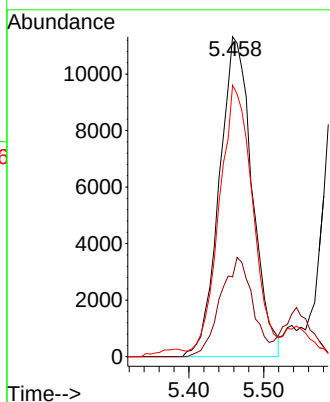
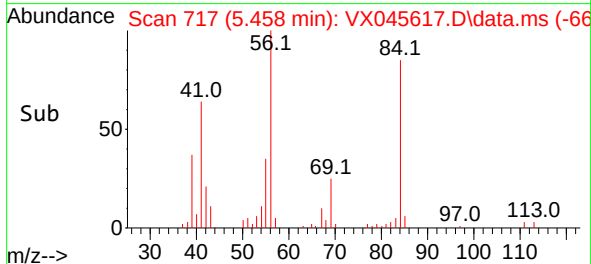
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



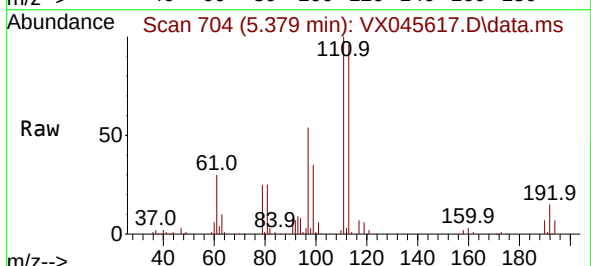
Tgt Ion: 56 Resp: 34529
Ion Ratio Lower Upper
56 100
69 25.0 23.6 35.4
84 82.5 67.7 101.5

Manual Integrations
APPROVED

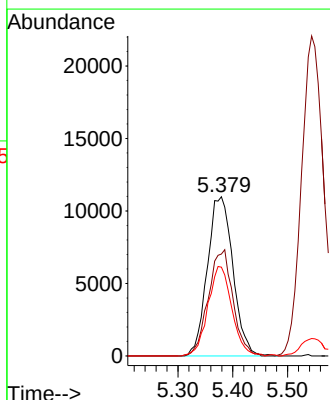
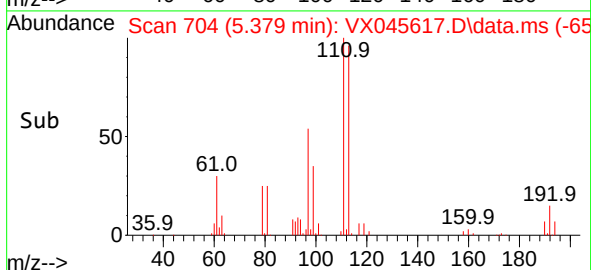
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

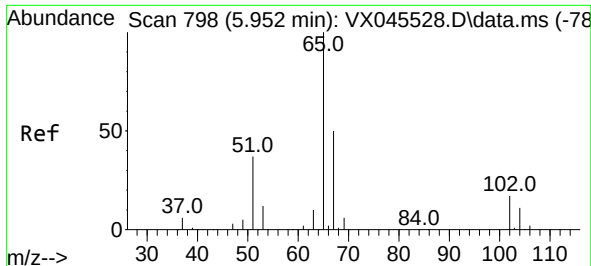


#32
1,1,1-Trichloroethane
Concen: 17.986 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34



Tgt Ion: 97 Resp: 35642
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 52.5 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 50.803 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 65 Resp: 8333

Ion Ratio Lower Upper

65 100

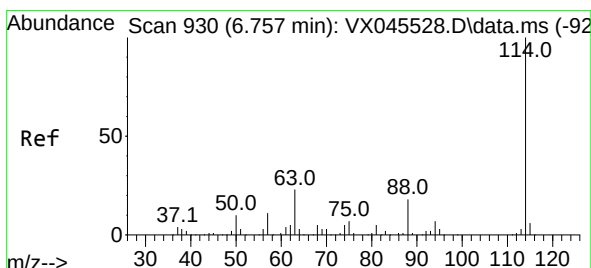
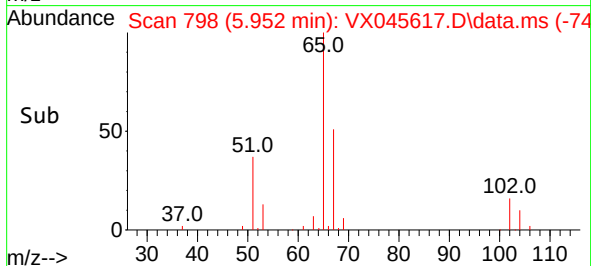
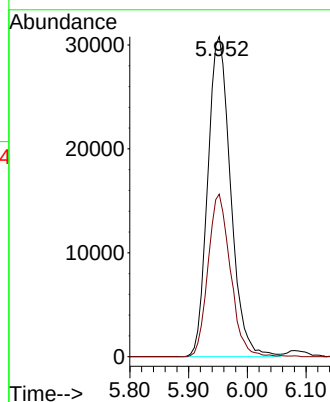
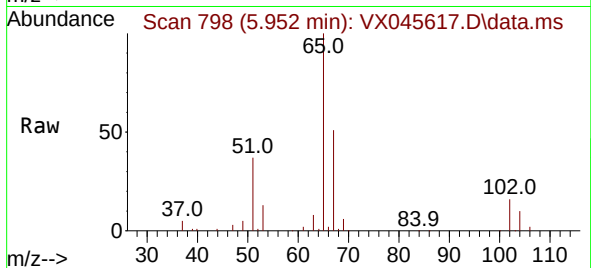
67 49.6 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

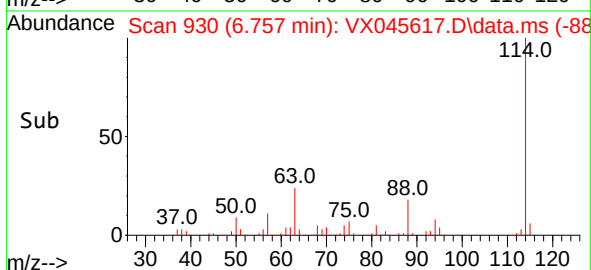
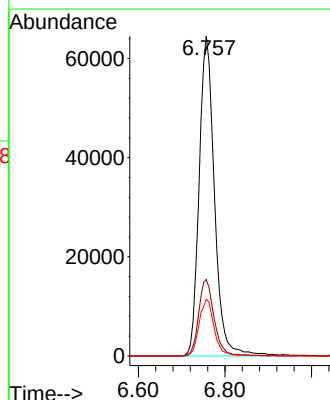
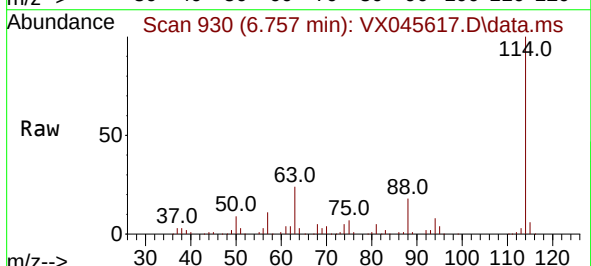
Tgt Ion:114 Resp: 158717

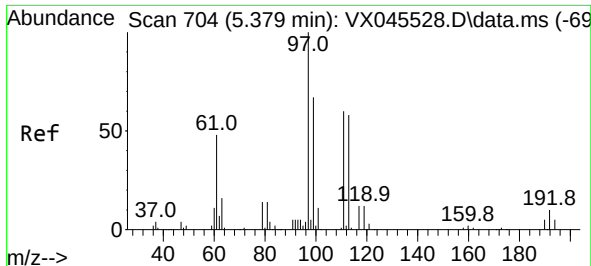
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

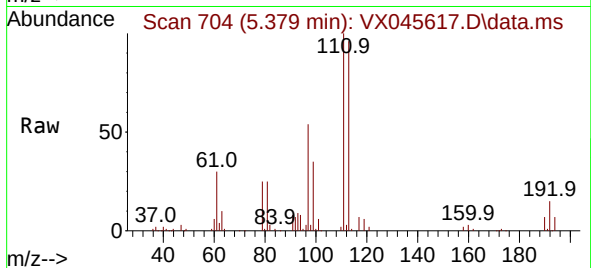
88 17.8 0.0 35.4





#35
Dibromofluoromethane
Concen: 50.033 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

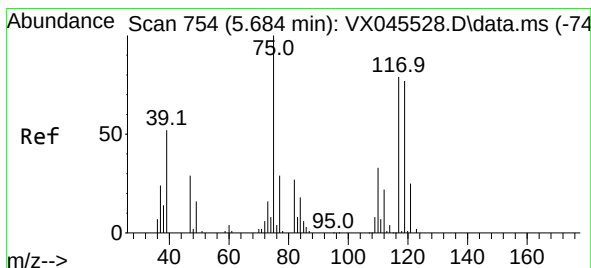
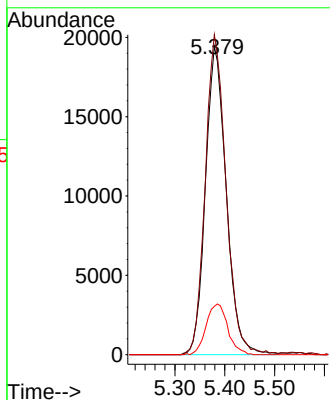
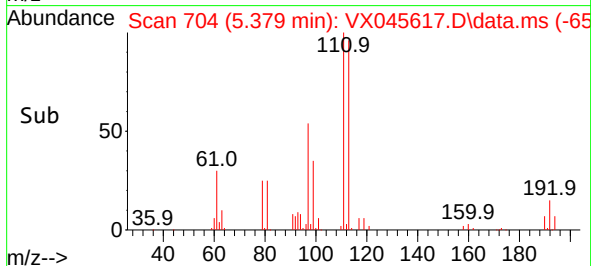
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 113 Resp: 5634
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.1 13.8 20.6

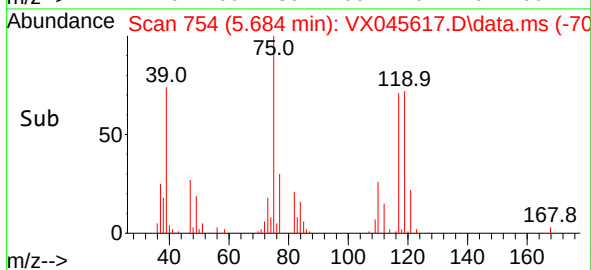
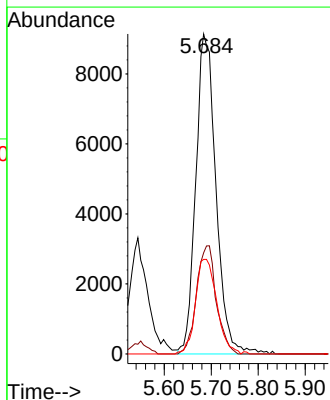
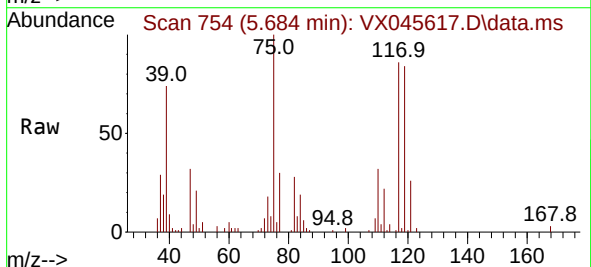
Manual Integrations
APPROVED

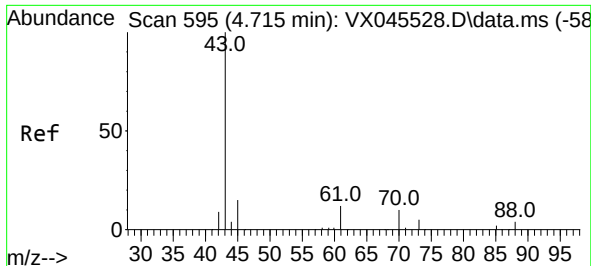
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#36
1,1-Dichloropropene
Concen: 17.995 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Tgt Ion: 75 Resp: 27361
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.6
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 16.954 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 43 Resp: 3248

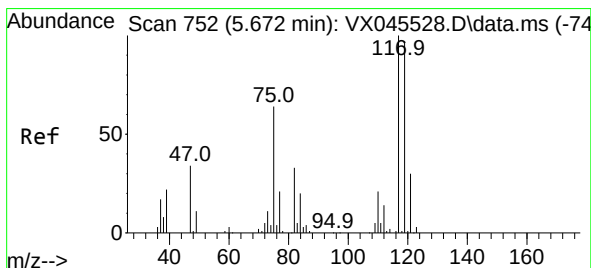
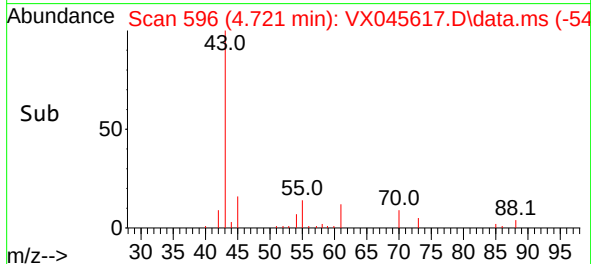
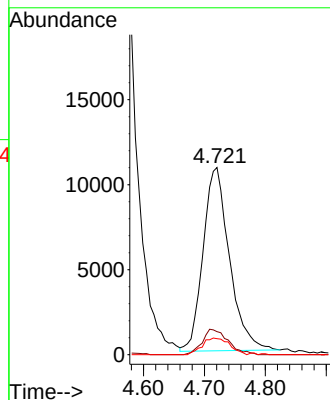
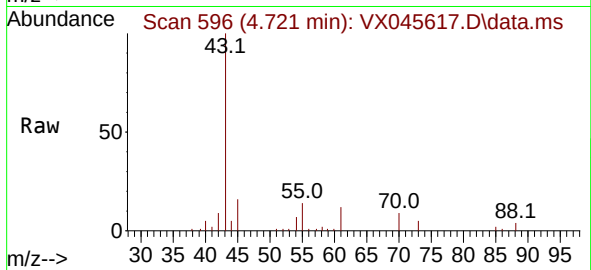
Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.9	14.9
70	9.4	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#38

Carbon Tetrachloride

Concen: 18.757 ug/l

RT: 5.672 min Scan# 752

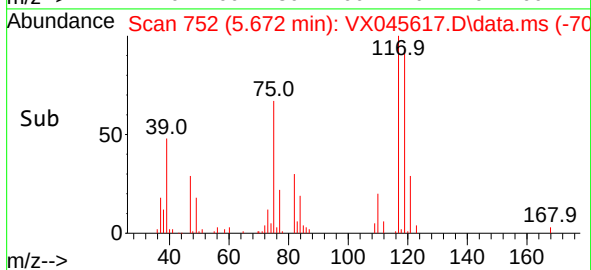
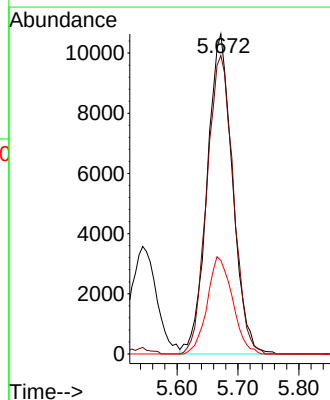
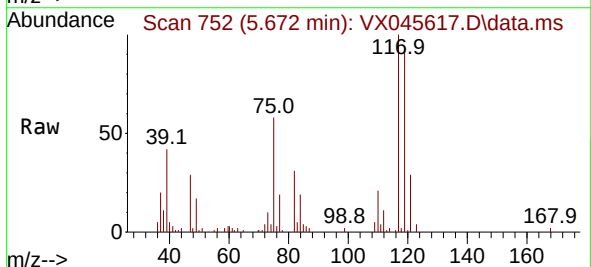
Delta R.T. 0.000 min

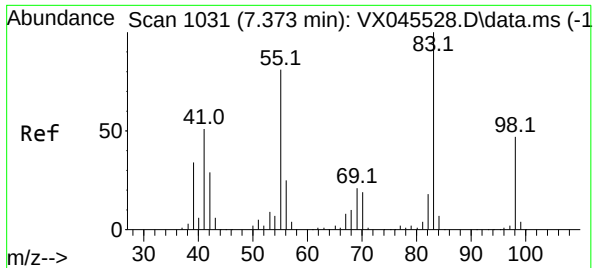
Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Tgt Ion:117 Resp: 30822

Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.9	115.3
121	29.2	24.2	36.2





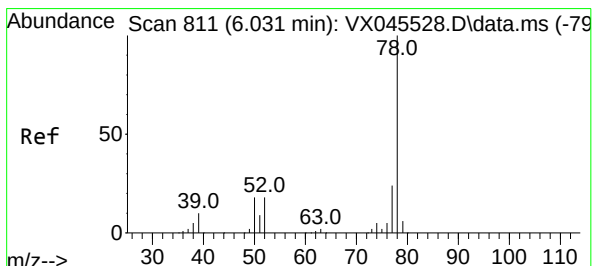
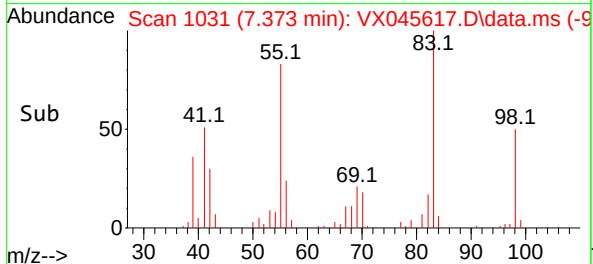
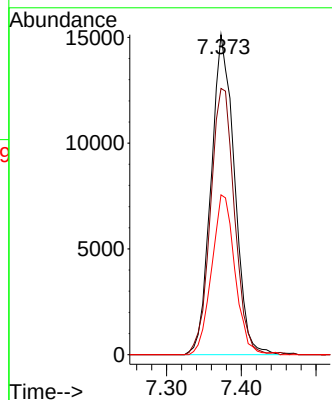
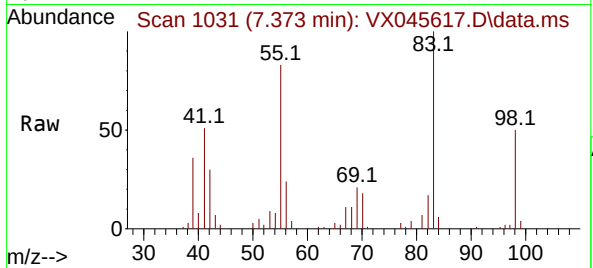
#39
Methylcyclohexane
Concen: 17.704 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 83 Resp: 32990
Ion Ratio Lower Upper
83 100
55 83.2 64.9 97.3
98 49.9 37.4 56.0

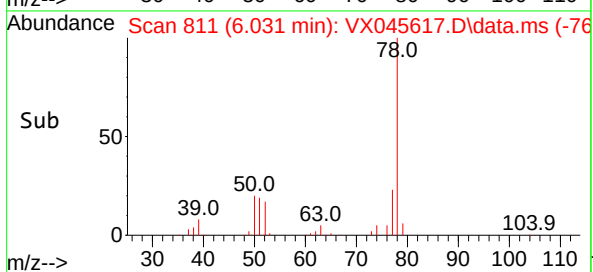
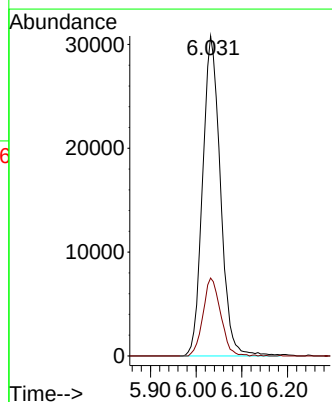
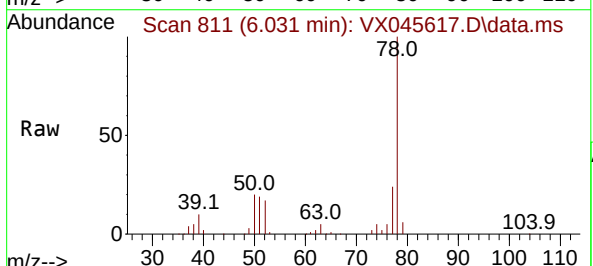
Manual Integrations
APPROVED

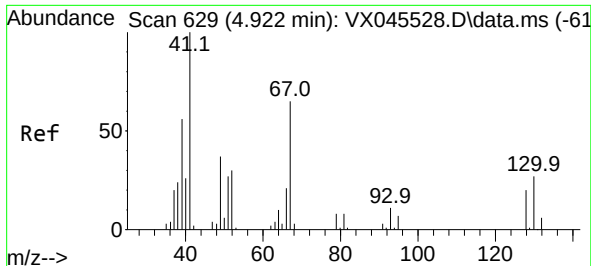
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#40
Benzene
Concen: 17.961 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

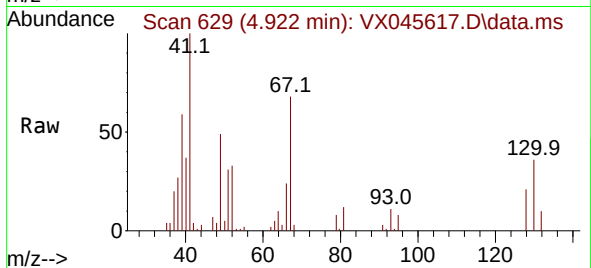
Tgt Ion: 78 Resp: 83405
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 18.724 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

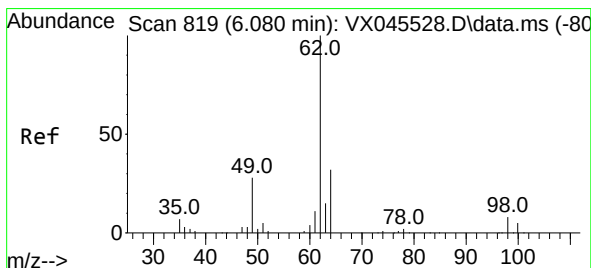
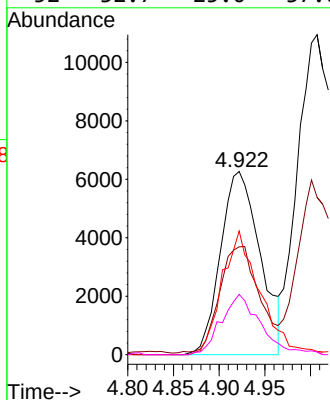
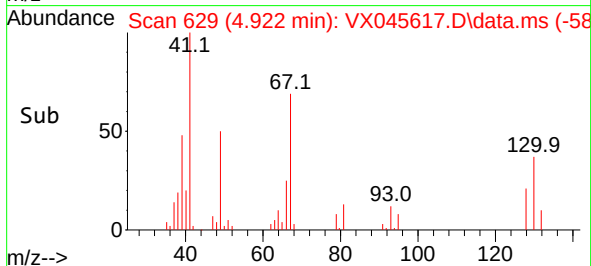
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 41 Resp: 18930
Ion Ratio Lower Upper
41 100
39 58.6 47.0 70.6
67 65.7 53.2 79.8
52 32.7 25.0 37.6

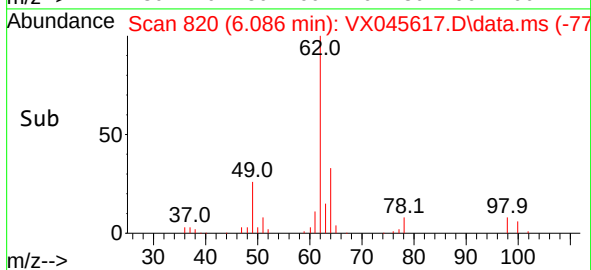
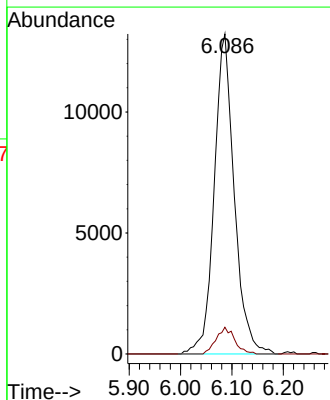
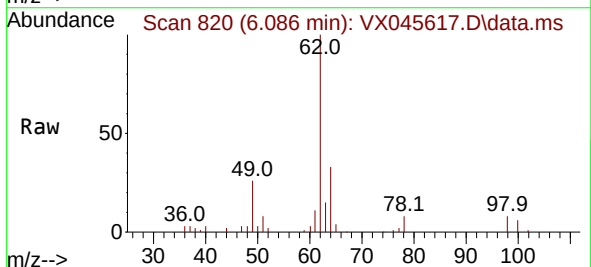
Manual Integrations
APPROVED

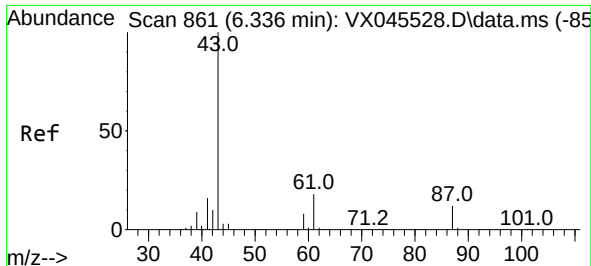
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#42
1,2-Dichloroethane
Concen: 18.650 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

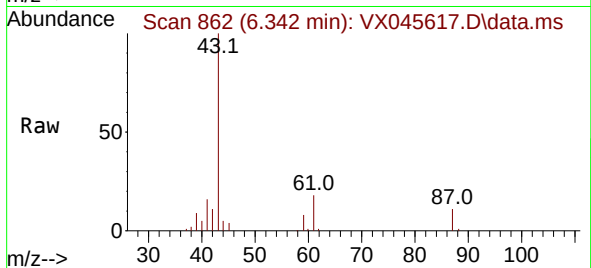
Tgt Ion: 62 Resp: 35769
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43
Isopropyl Acetate
Concen: 18.101 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

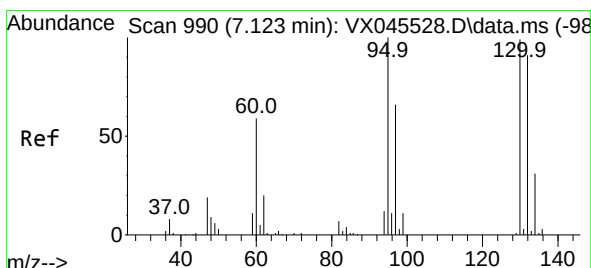
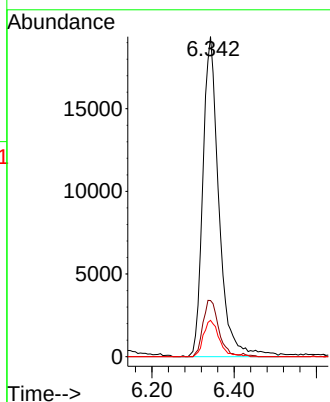
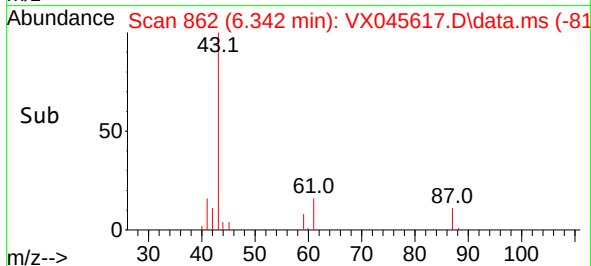
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 43 Resp: 5256
Ion Ratio Lower Upper
43 100
61 17.1 14.1 21.1
87 11.2 9.2 13.8

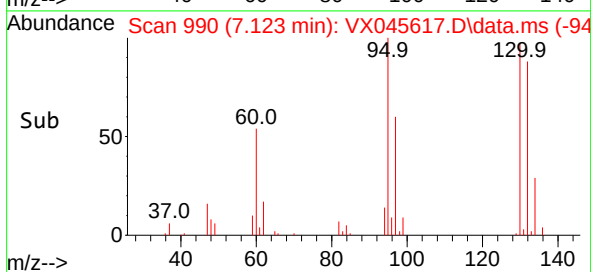
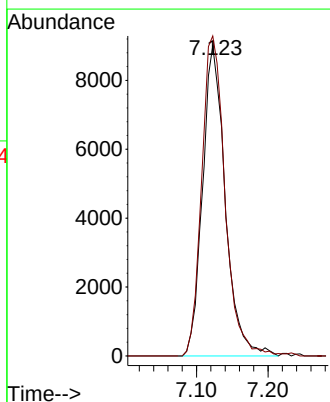
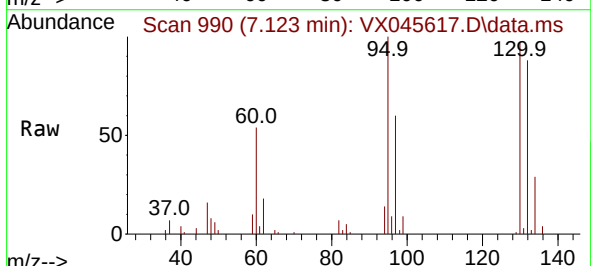
Manual Integrations
APPROVED

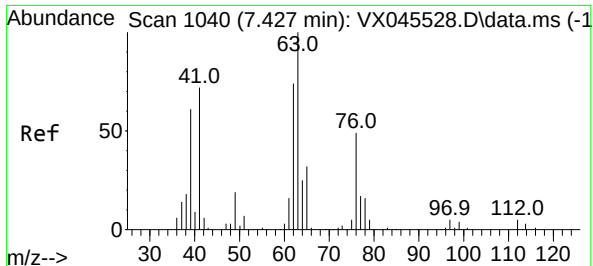
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#44
Trichloroethene
Concen: 18.025 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Tgt Ion:130 Resp: 19895
Ion Ratio Lower Upper
130 100
95 103.1 0.0 202.0





#45

1,2-Dichloropropane

Concen: 18.200 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 63 Resp: 2108

Ion Ratio Lower Upper

63 100

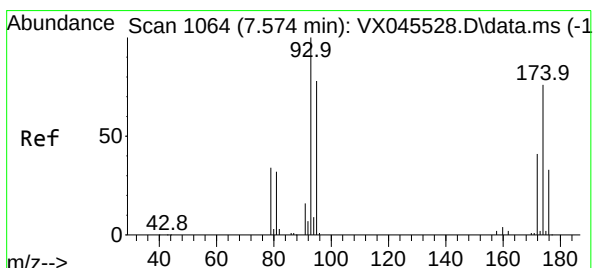
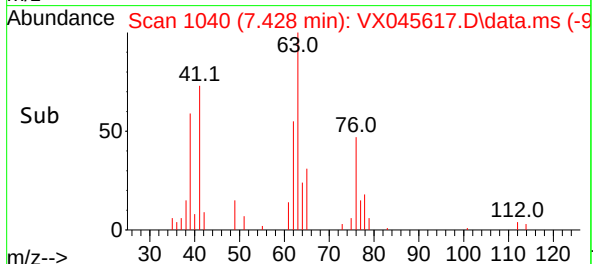
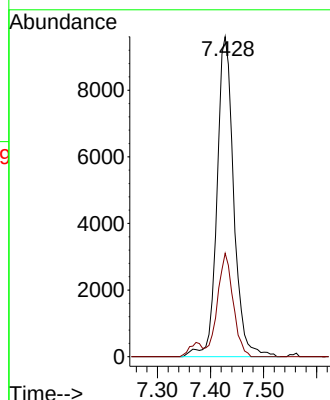
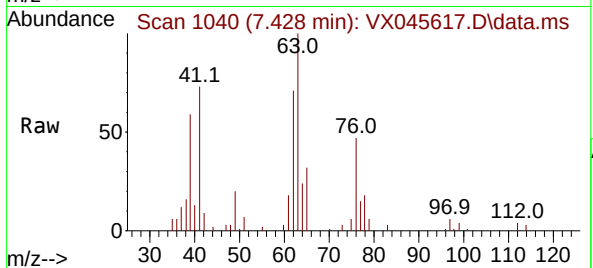
65 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#46

Dibromomethane

Concen: 18.071 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

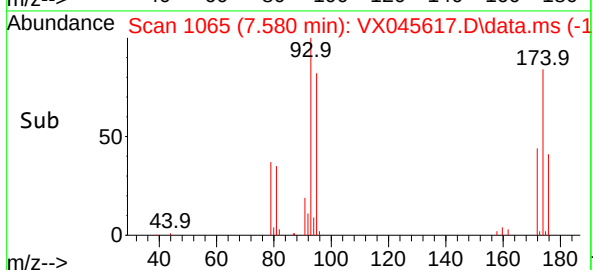
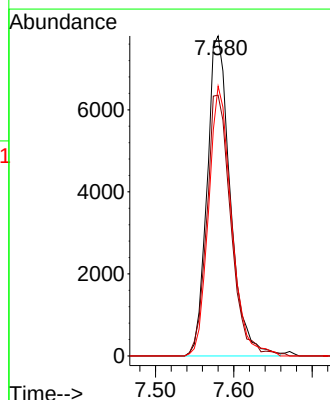
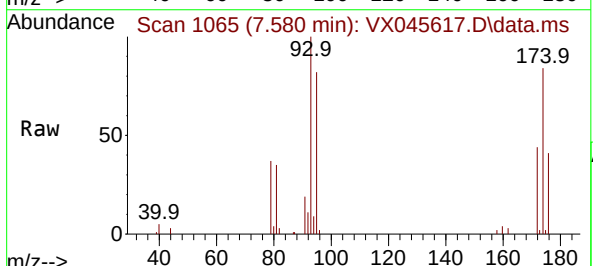
Tgt Ion: 93 Resp: 16073

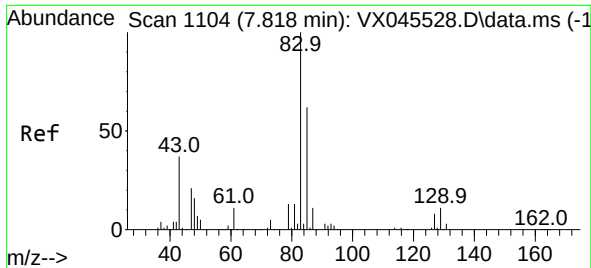
Ion Ratio Lower Upper

93 100

95 84.6 64.8 97.2

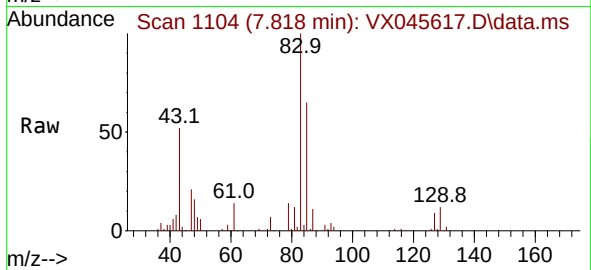
174 83.2 65.4 98.0





#47
Bromodichloromethane
Concen: 18.168 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

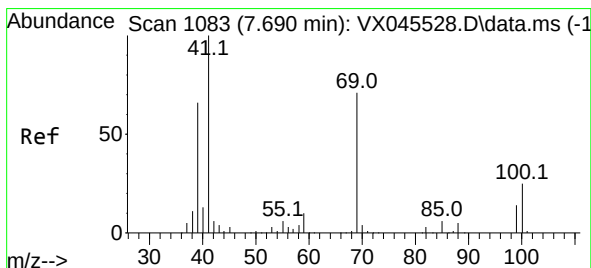
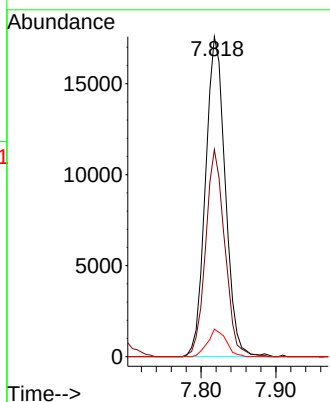
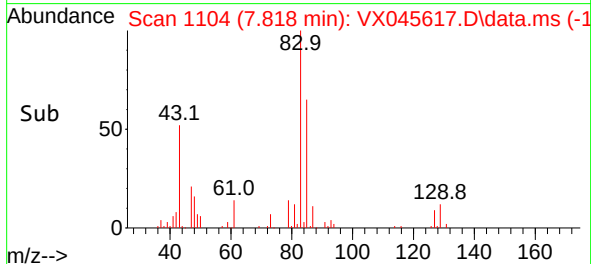
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



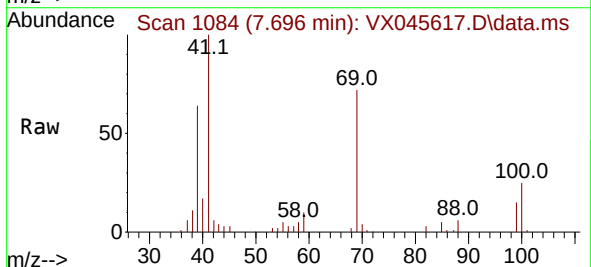
Tgt Ion: 83 Resp: 3227
Ion Ratio Lower Upper
83 100
85 64.7 49.7 74.5
127 8.6 6.1 9.1

Manual Integrations
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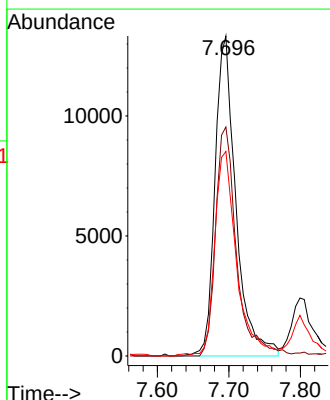
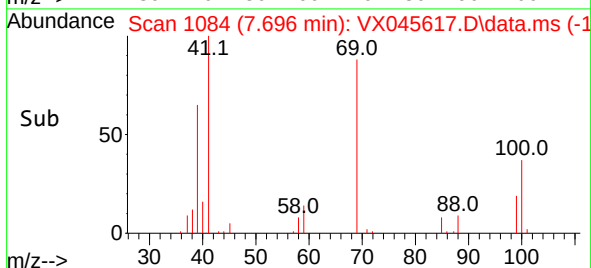
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

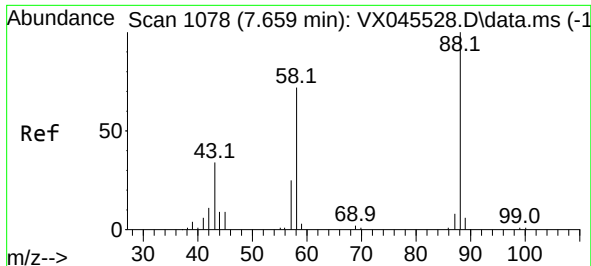


#48
Methyl methacrylate
Concen: 18.011 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34



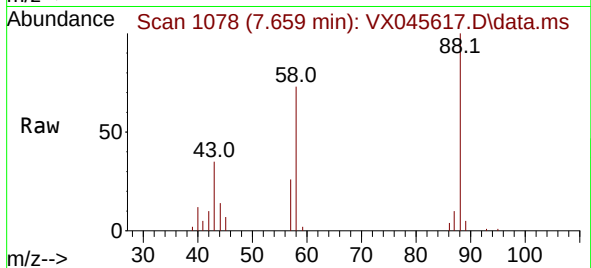
Tgt Ion: 41 Resp: 27006
Ion Ratio Lower Upper
41 100
69 71.7 58.2 87.2
39 65.7 53.6 80.4





#49
1,4-Dioxane
Concen: 389.882 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

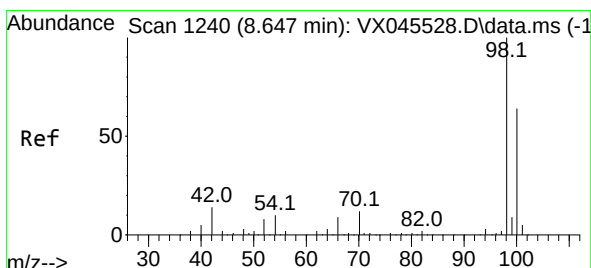
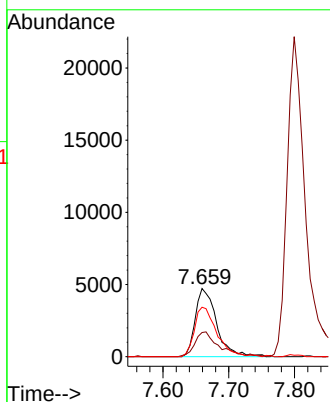
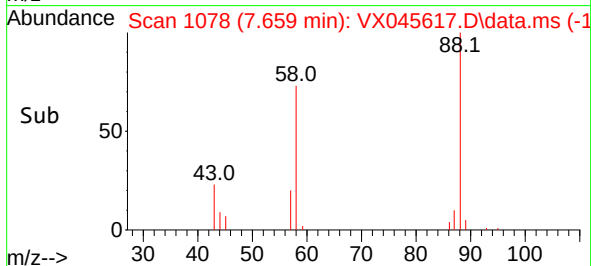
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 88 Resp: 1057
Ion Ratio Lower Upper
88 100
43 39.8 32.2 48.4
58 76.0 58.6 88.0

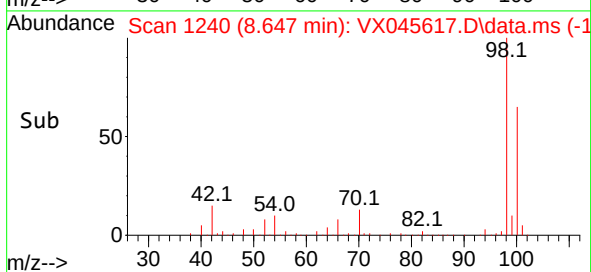
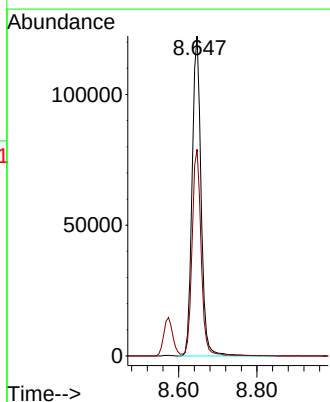
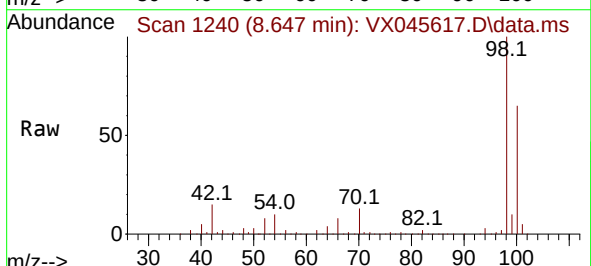
Manual Integrations
APPROVED

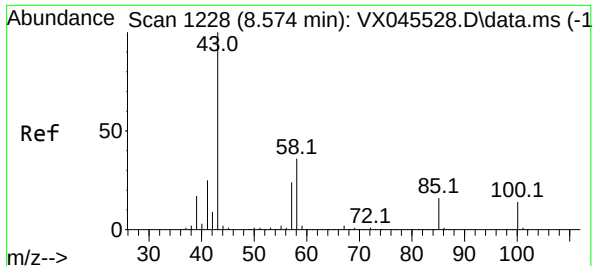
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#50
Toluene-d8
Concen: 49.749 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

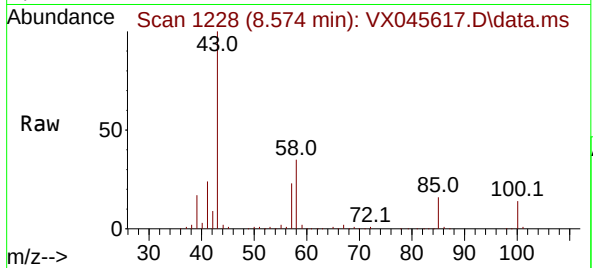
Tgt Ion: 98 Resp: 195538
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 94.095 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

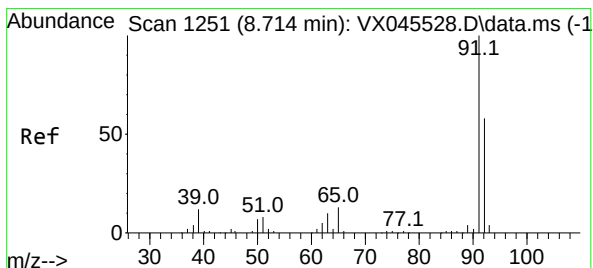
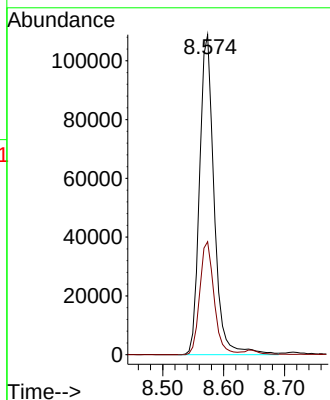
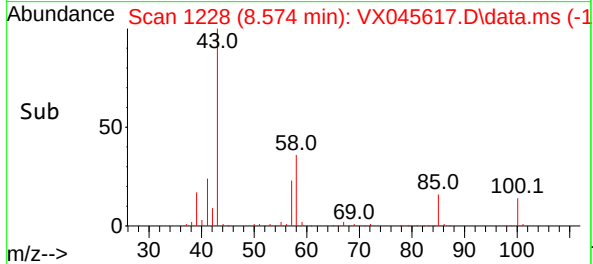
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 43 Resp: 181149
Ion Ratio Lower Upper
43 100
58 34.7 28.5 42.7

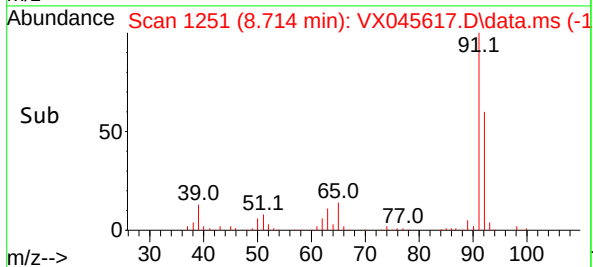
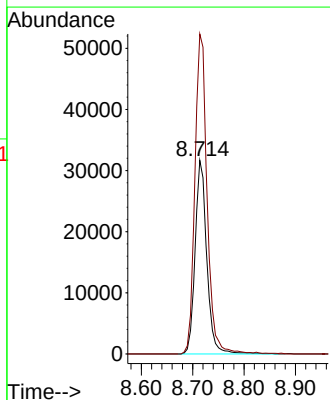
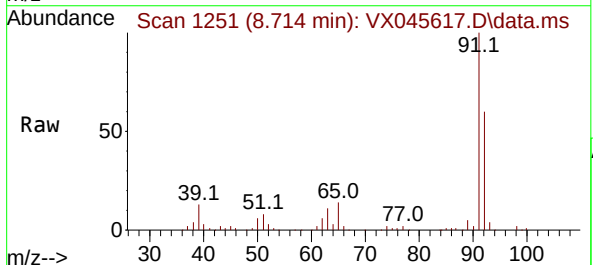
Manual Integrations
APPROVED

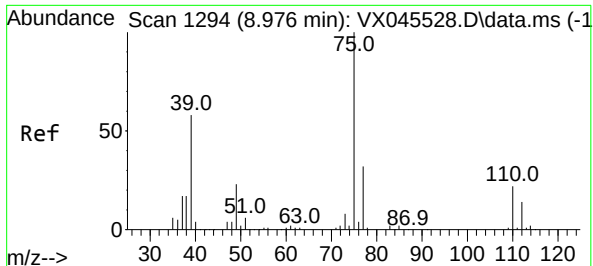
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#52
Toluene
Concen: 17.841 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Tgt Ion: 92 Resp: 50130
Ion Ratio Lower Upper
92 100
91 172.3 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 16.895 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 75 Resp: 26140

Ion Ratio Lower Upper

75 100

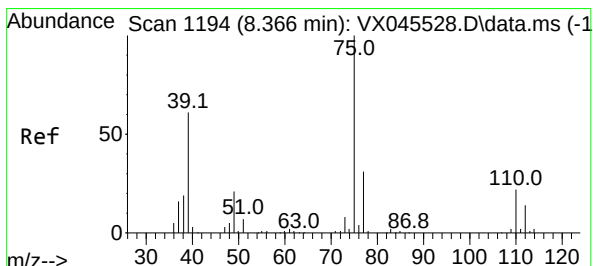
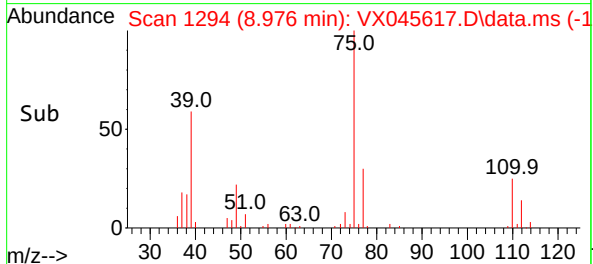
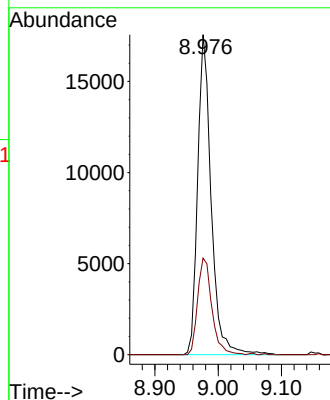
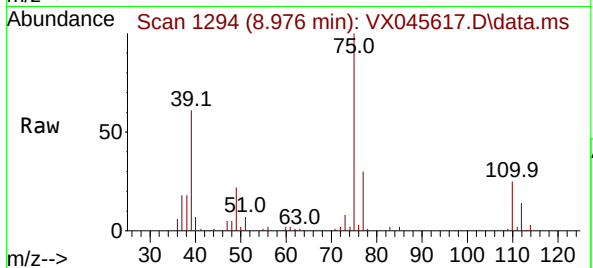
77 30.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#54

cis-1,3-Dichloropropene

Concen: 18.565 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

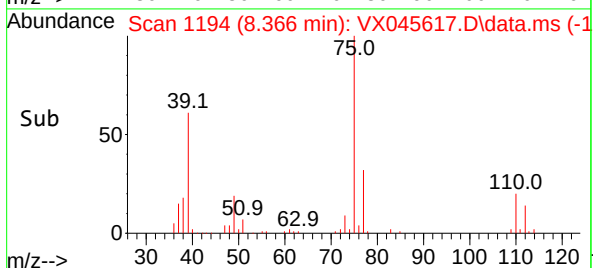
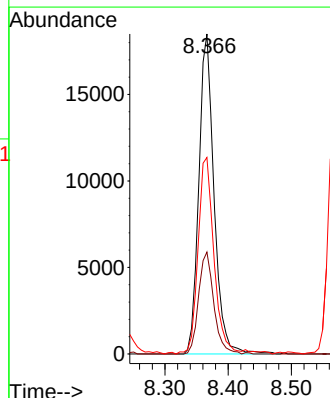
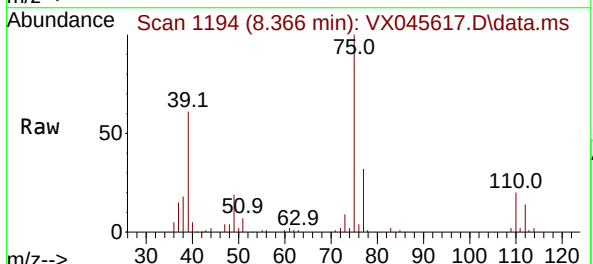
Tgt Ion: 75 Resp: 30988

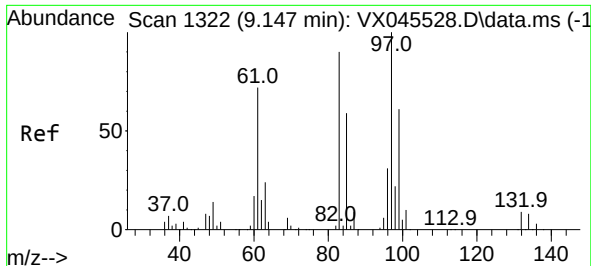
Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

39 60.8 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 18.232 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

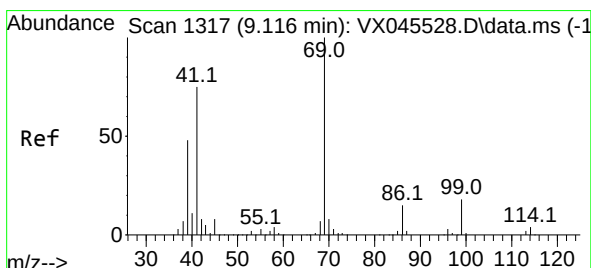
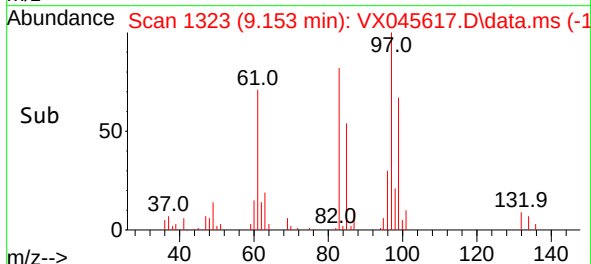
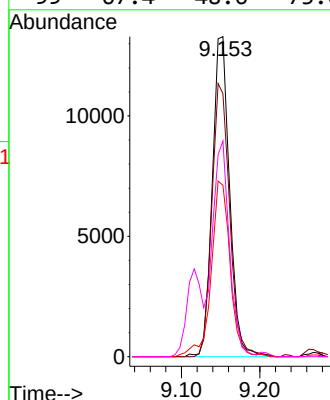
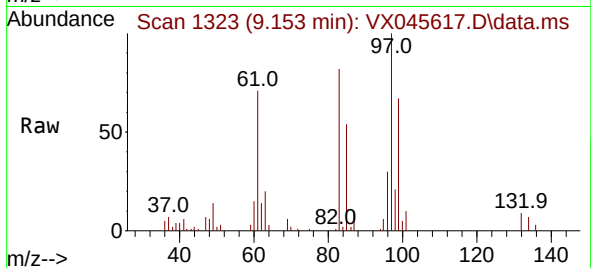
Tgt Ion:	97	Resp:	20414
Ion	Ratio	Lower	Upper
97	100		
83	82.2	71.8	107.8
85	53.5	47.0	70.6
99	67.4	48.6	73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#56

Ethyl methacrylate

Concen: 17.329 ug/l

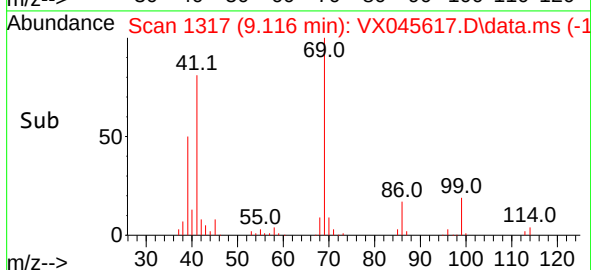
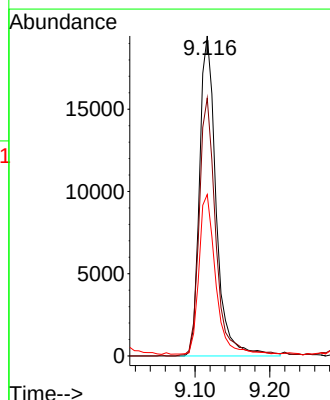
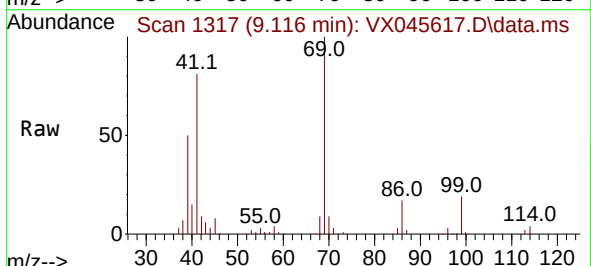
RT: 9.116 min Scan# 1317

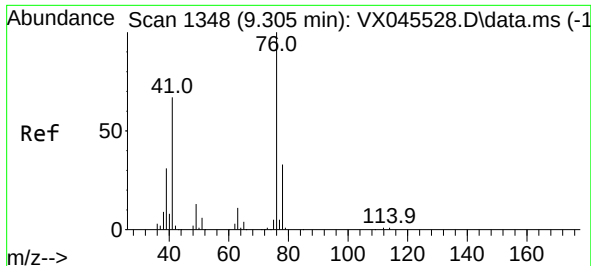
Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Tgt Ion:	69	Resp:	30029
Ion	Ratio	Lower	Upper
69	100		
41	81.7	61.3	91.9
39	50.1	40.2	60.2





#57

1,3-Dichloropropane

Concen: 18.270 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion: 76 Resp: 3562

Ion Ratio Lower Upper

76 100

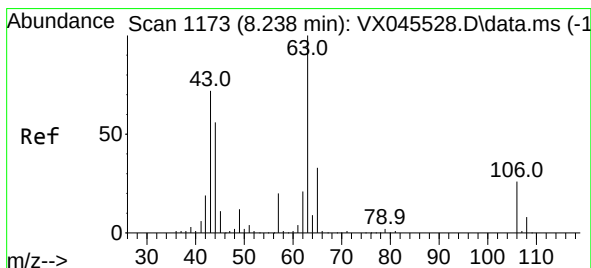
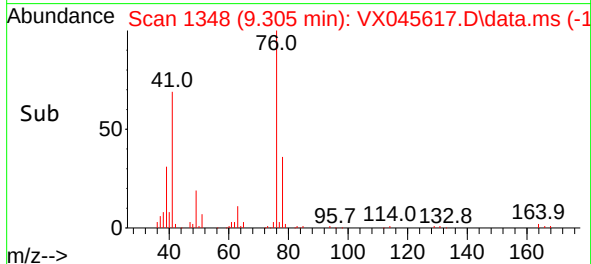
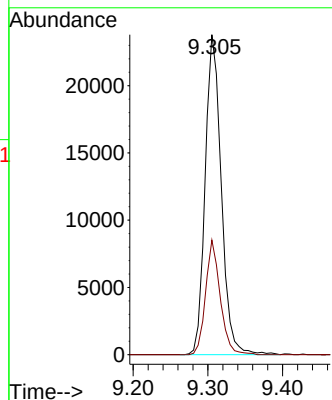
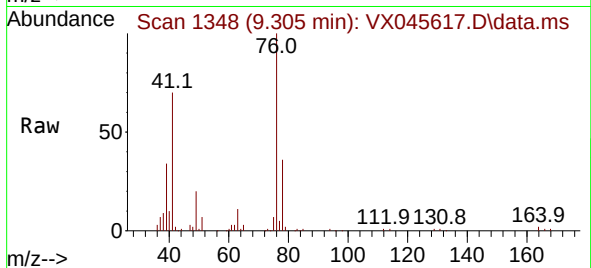
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#58

2-Chloroethyl Vinyl ether

Concen: 79.411 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045617.D

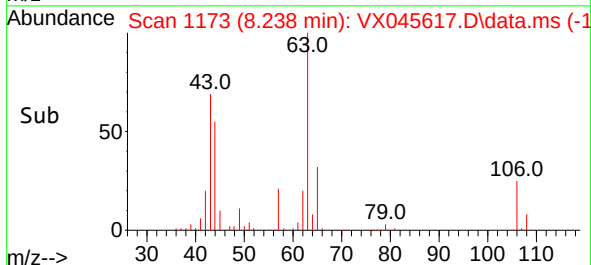
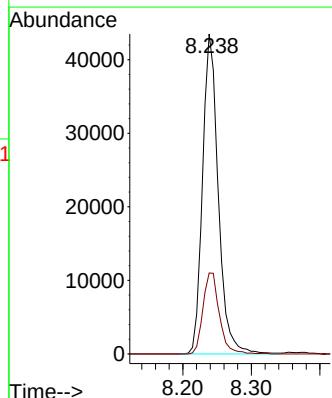
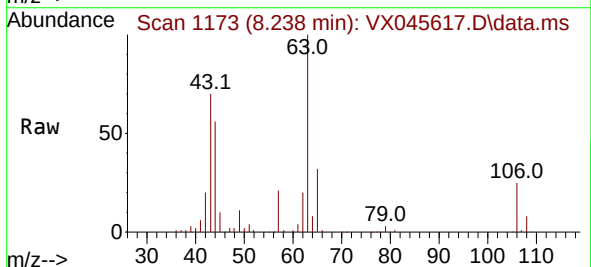
Acq: 07 Apr 2025 10:34

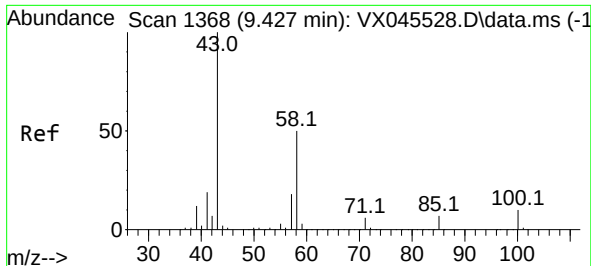
Tgt Ion: 63 Resp: 69612

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.6





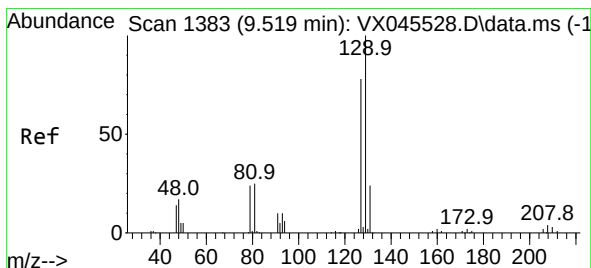
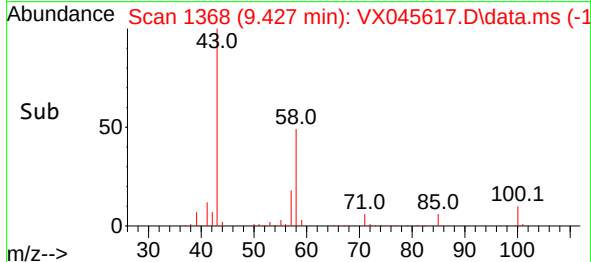
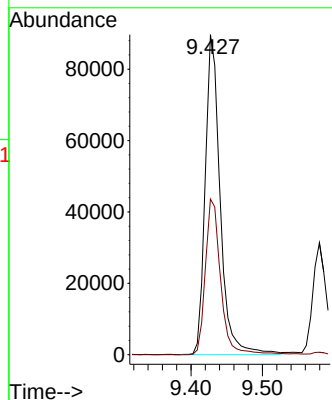
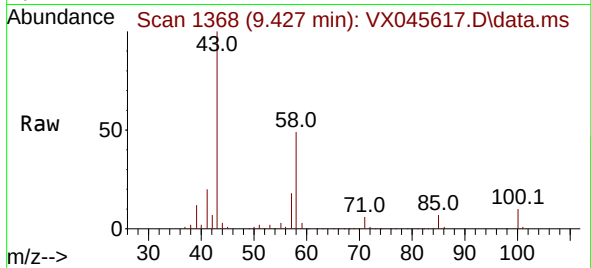
#59
2-Hexanone
Concen: 91.734 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 43 Resp: 130780
Ion Ratio Lower Upper
43 100
58 50.0 24.9 74.6

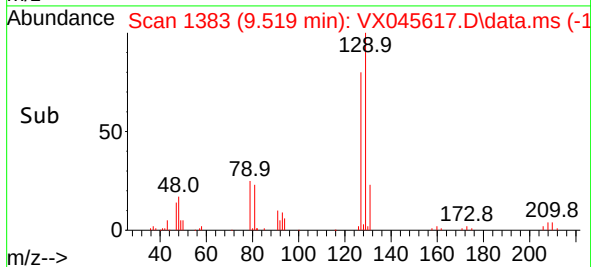
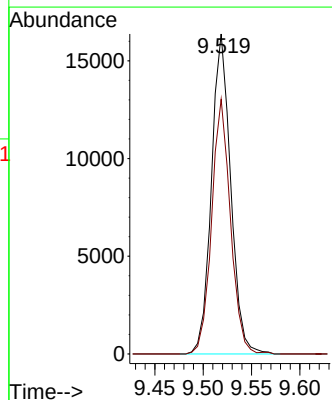
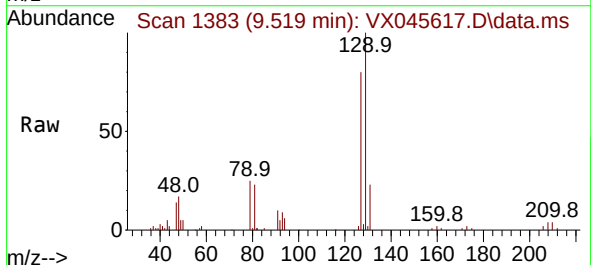
Manual Integrations
APPROVED

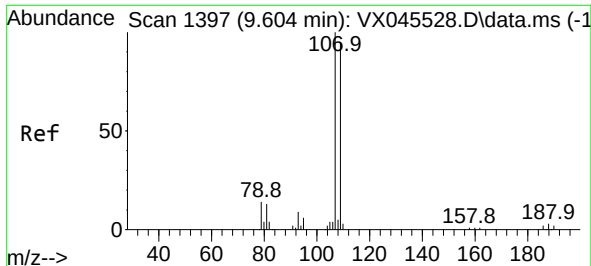
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#60
Dibromochloromethane
Concen: 18.584 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

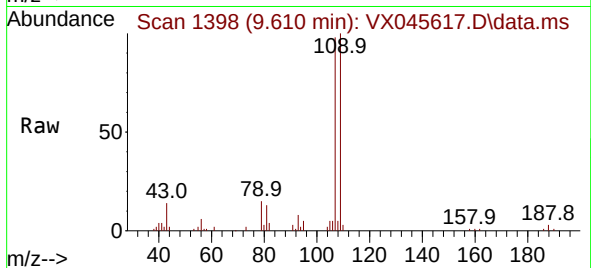
Tgt Ion:129 Resp: 22685
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.2





#61
1,2-Dibromoethane
Concen: 18.254 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

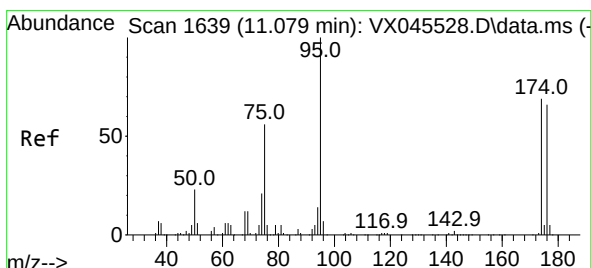
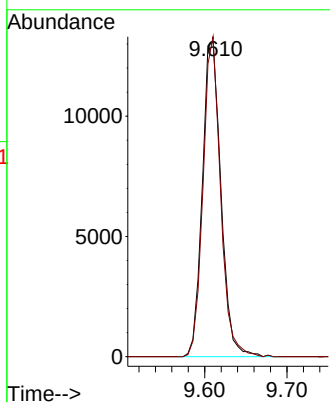
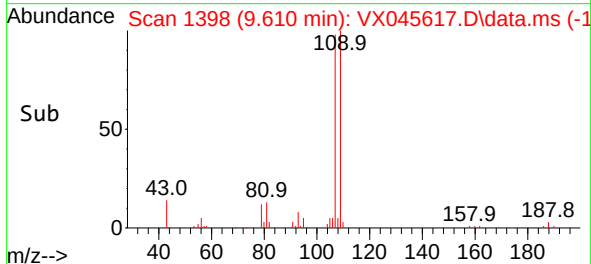
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:107 Resp: 20690
Ion Ratio Lower Upper
107 100
109 95.2 75.7 113.5

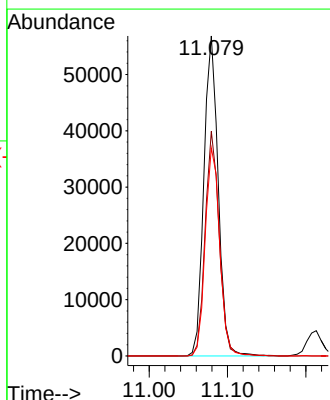
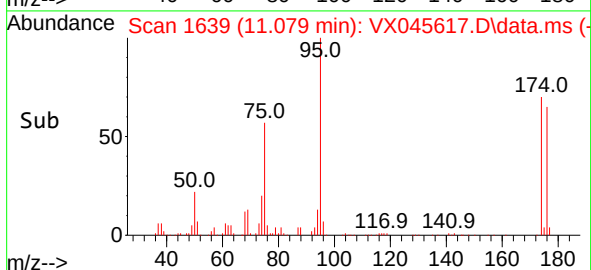
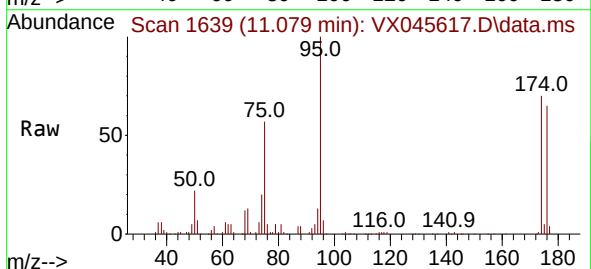
Manual Integrations
APPROVED

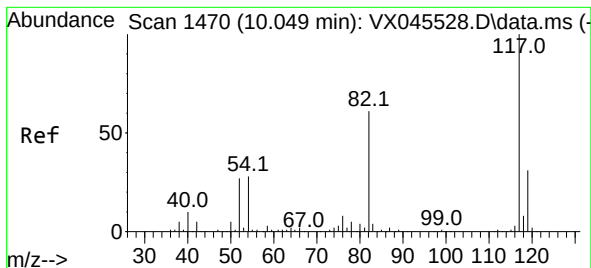
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#62
4-Bromofluorobenzene
Concen: 50.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

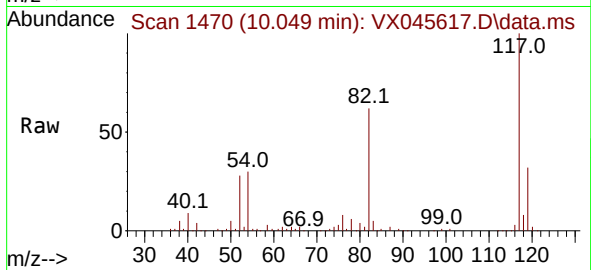
Tgt Ion: 95 Resp: 72106
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 65.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

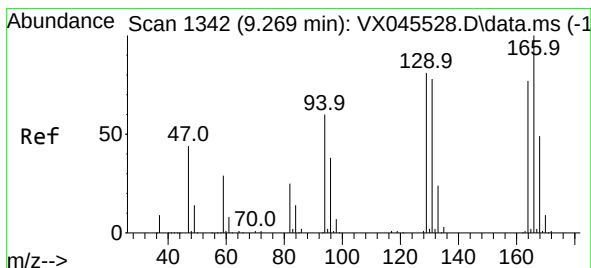
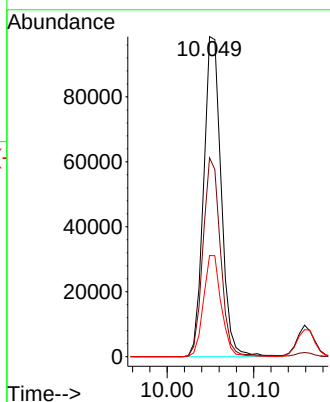
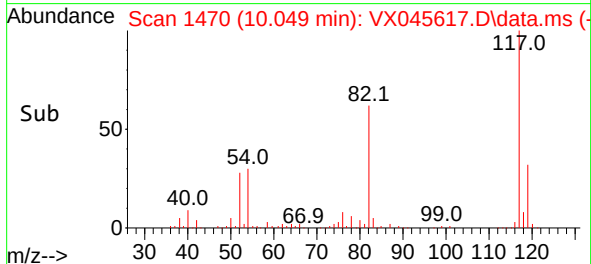
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion:117 Resp: 13898
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 31.6 25.1 37.7

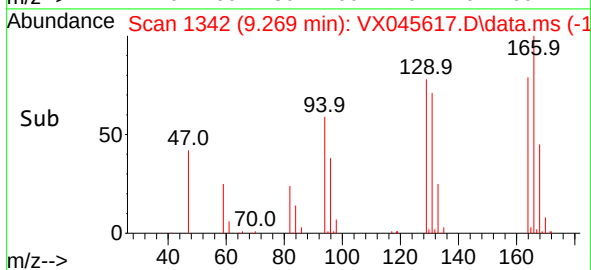
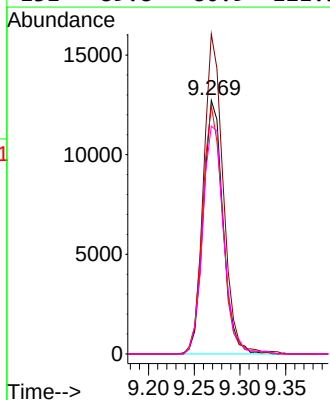
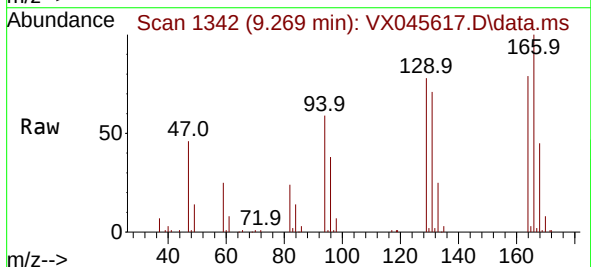
Manual Integrations
APPROVED

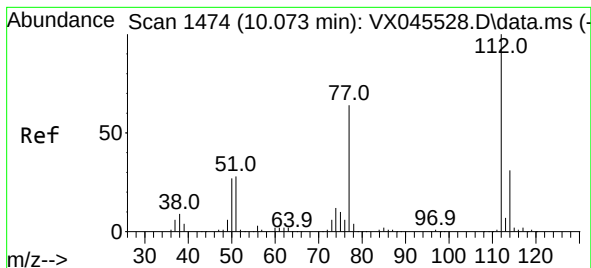
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#64
Tetrachloroethene
Concen: 19.327 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Tgt Ion:164 Resp: 18965
Ion Ratio Lower Upper
164 100
166 126.2 103.8 155.8
129 97.9 84.3 126.5
131 89.8 80.9 121.3





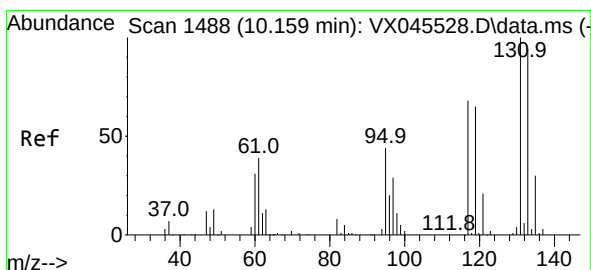
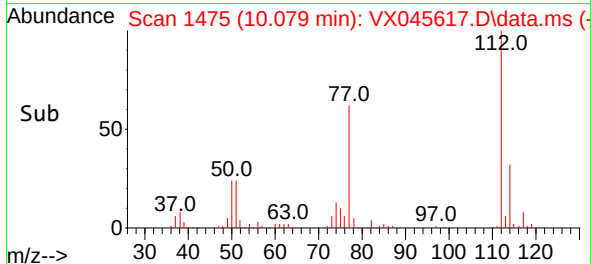
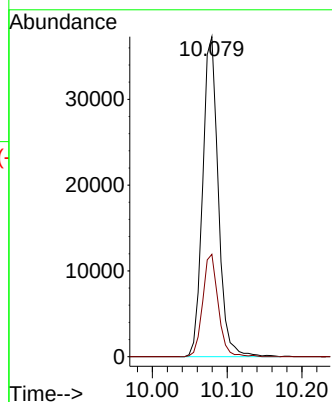
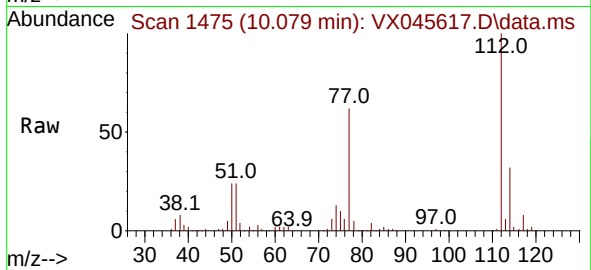
#65
Chlorobenzene
Concen: 18.237 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion:112 Resp: 54159
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

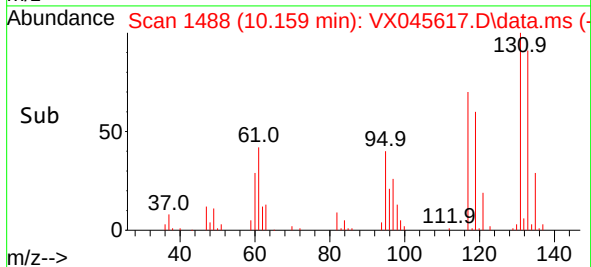
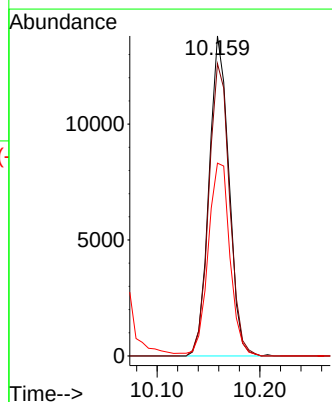
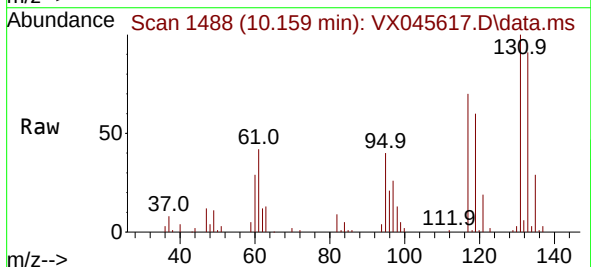
Manual Integrations
APPROVED

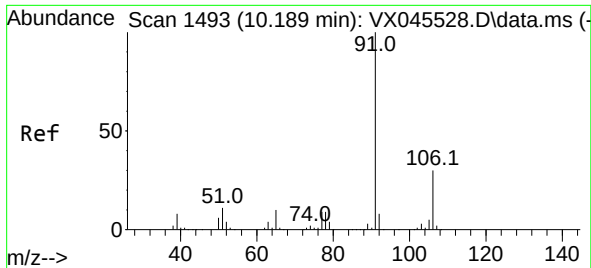
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.975 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

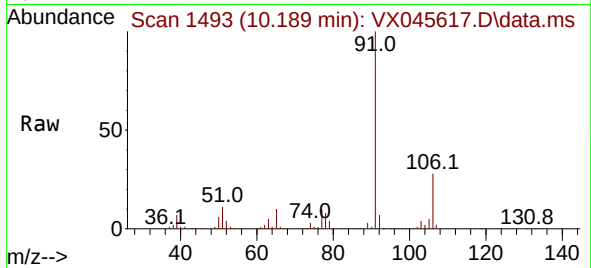
Tgt Ion:131 Resp: 18533
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 66.0 32.9 98.6





#67
Ethyl Benzene
Concen: 18.164 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

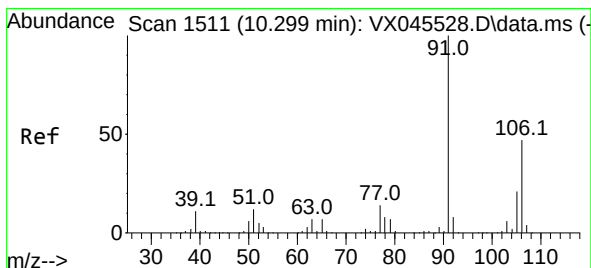
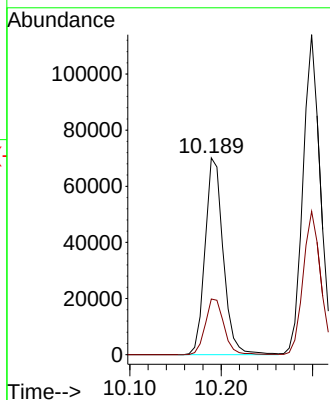
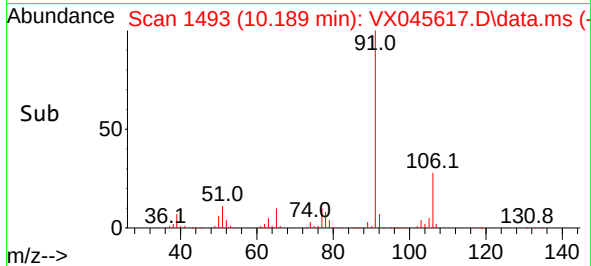
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



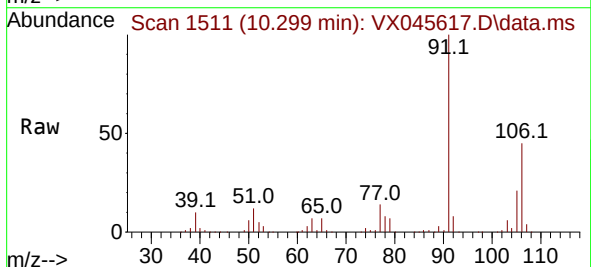
Tgt Ion: 91 Resp: 96615
Ion Ratio Lower Upper
91 100
106 28.3 23.7 35.5

Manual Integrations
APPROVED

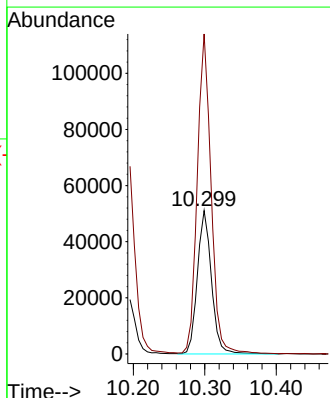
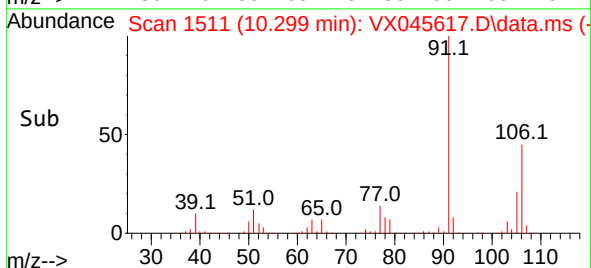
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

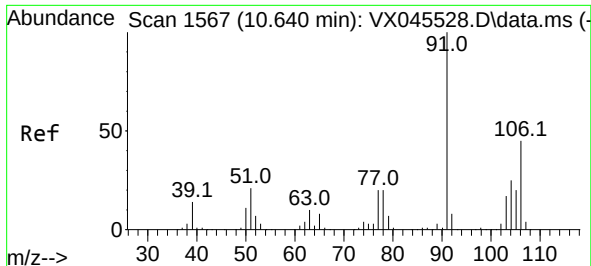


#68
m/p-Xylenes
Concen: 36.210 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34



Tgt Ion:106 Resp: 70049
Ion Ratio Lower Upper
106 100
91 218.3 172.6 258.8





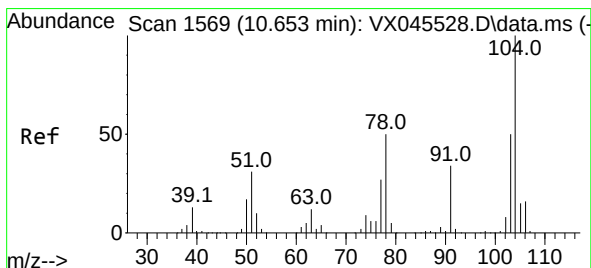
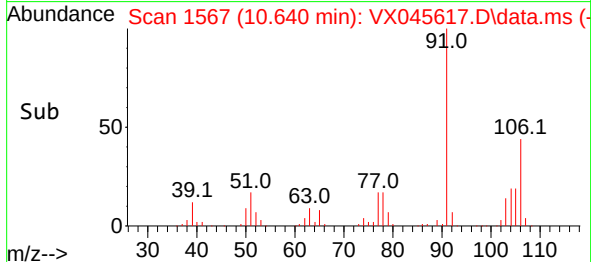
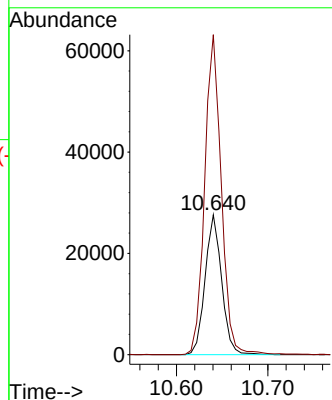
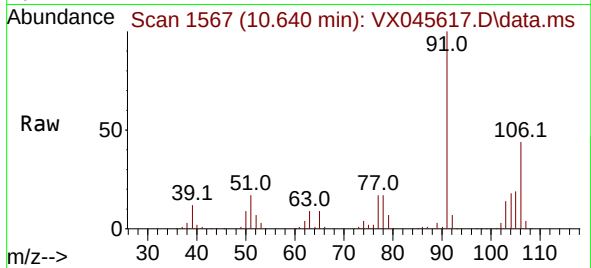
#69
o-Xylene
Concen: 18.258 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion:106 Resp: 34794
Ion Ratio Lower Upper
106 100
91 229.7 113.6 340.6

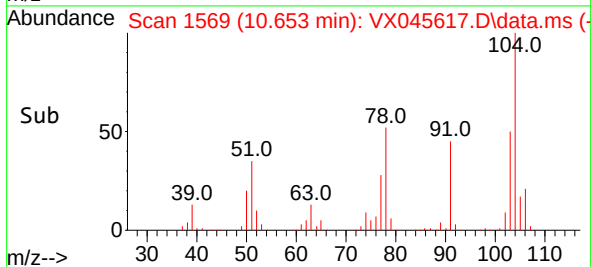
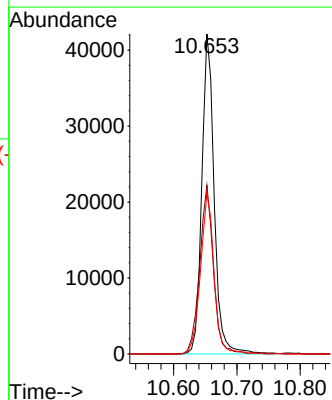
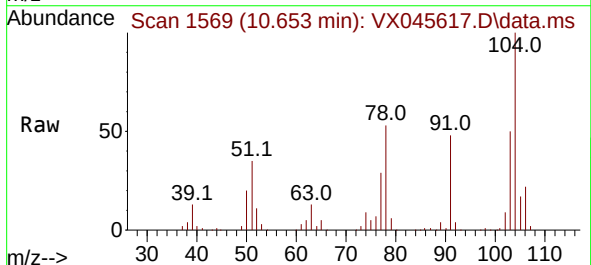
Manual Integrations
APPROVED

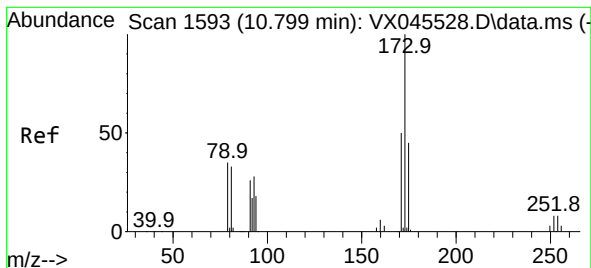
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#70
Styrene
Concen: 18.305 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Tgt Ion:104 Resp: 57575
Ion Ratio Lower Upper
104 100
78 58.2 45.4 68.2
103 55.0 43.8 65.8





#71

Bromoform

Concen: 18.386 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

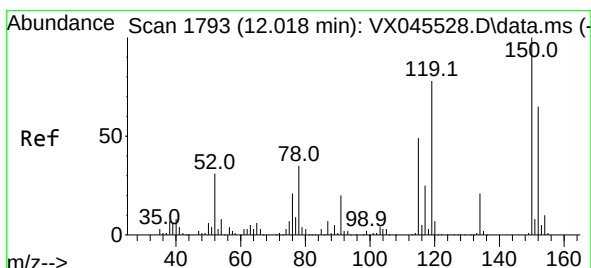
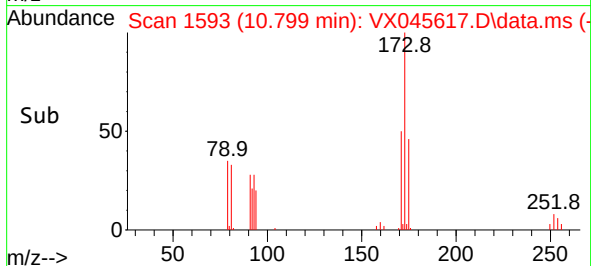
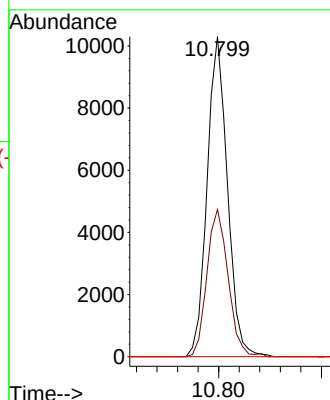
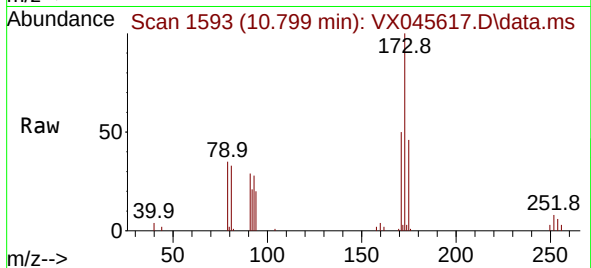
Tgt Ion:173	Resp:	1415
Ion Ratio	Lower	Upper
173	100	
175	48.1	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

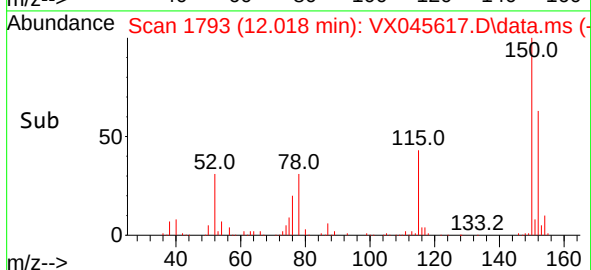
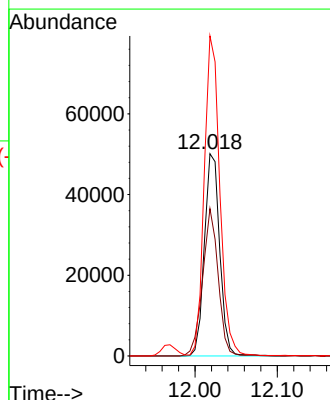
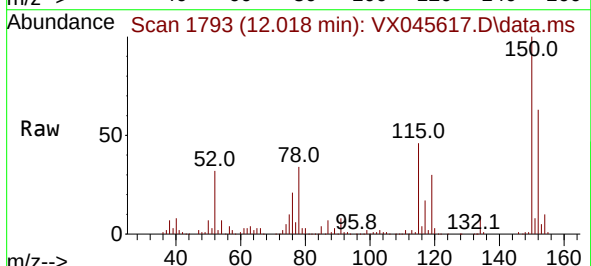
RT: 12.018 min Scan# 1793

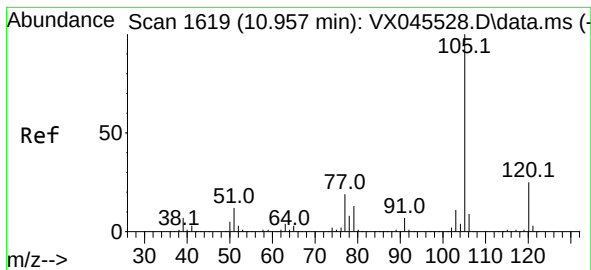
Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Tgt Ion:152	Resp:	64861
Ion Ratio	Lower	Upper
152	100	
115	73.8	46.9 140.7
150	160.2	0.0 349.4





#73

Isopropylbenzene

Concen: 17.804 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion:105 Resp: 92499

Ion Ratio Lower Upper

105 100

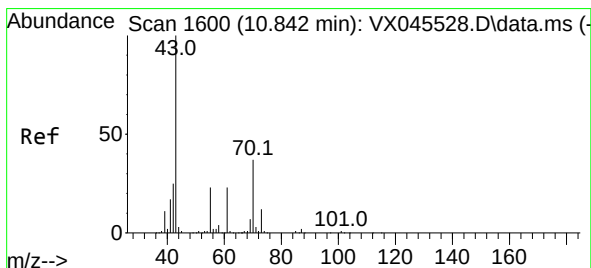
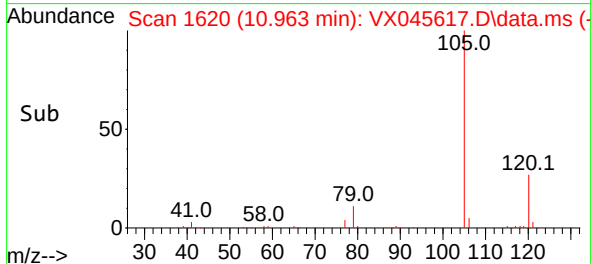
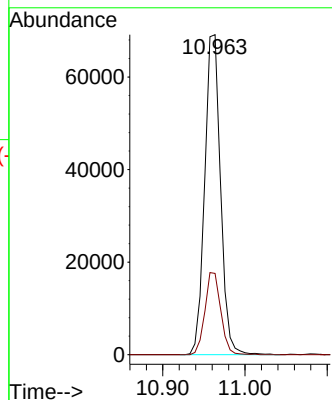
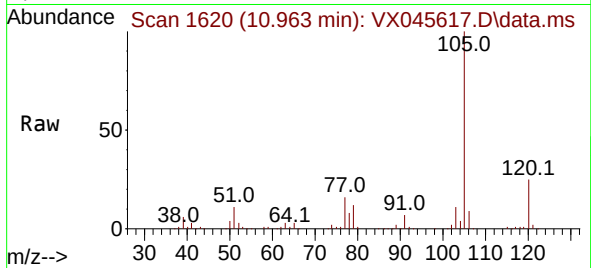
120 25.7 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#74

N-ethyl acetate

Concen: 17.073 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Tgt Ion: 43 Resp: 42430

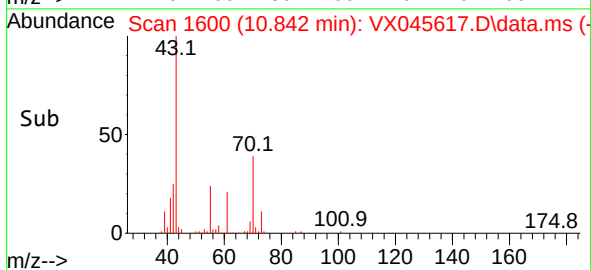
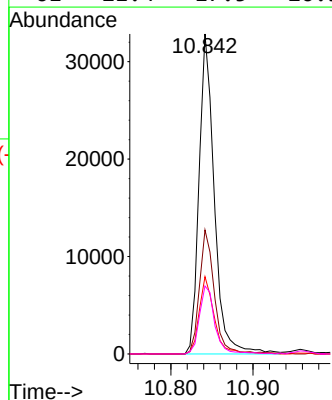
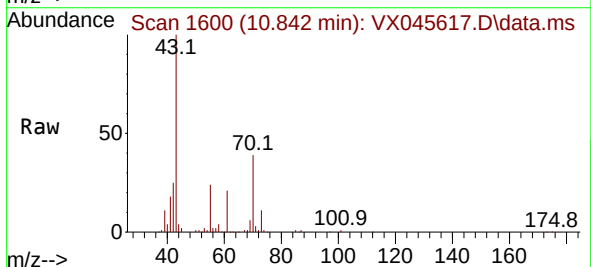
Ion Ratio Lower Upper

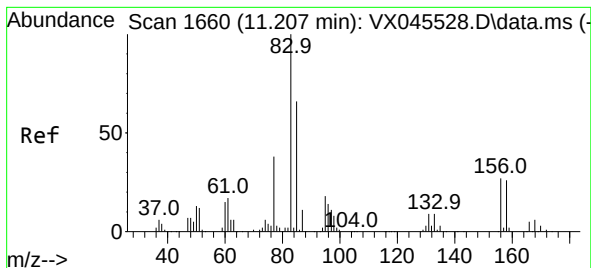
43 100

70 38.3 30.1 45.1

55 23.9 18.3 27.5

61 21.4 17.5 26.3





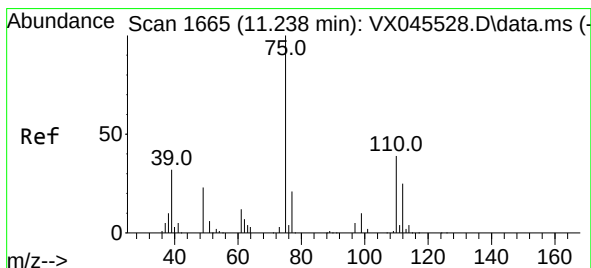
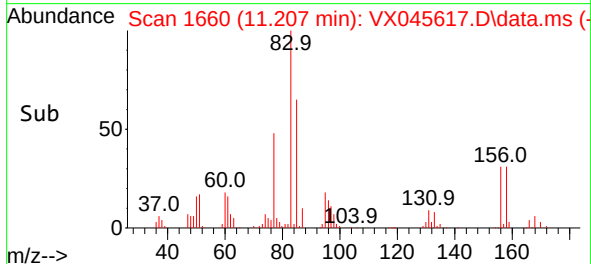
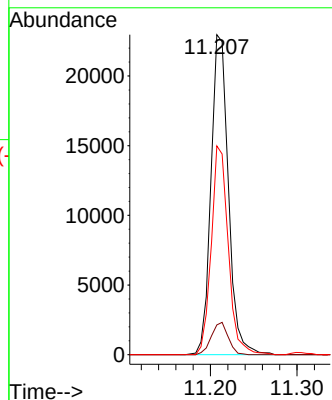
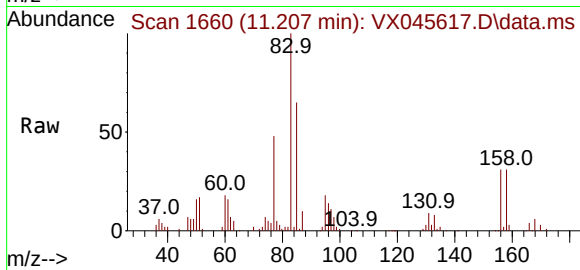
#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.569 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX045617.D
 Acq: 07 Apr 2025 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01

Tgt Ion: 83 Resp: 3206
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.1
 85 63.7 32.4 97.2

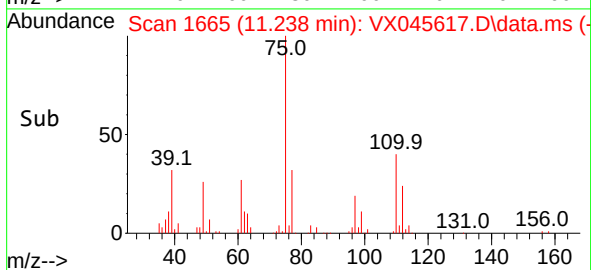
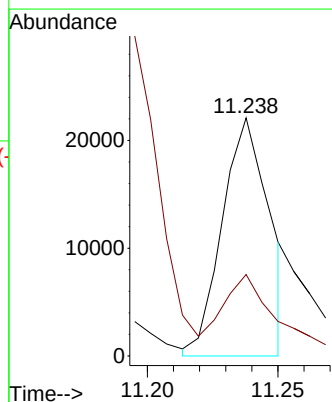
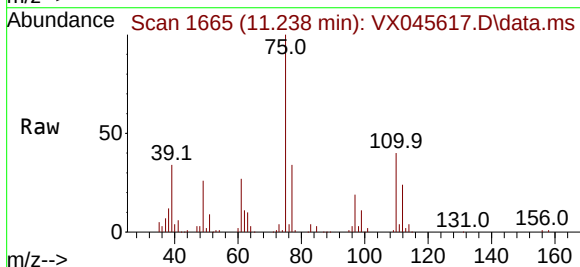
Manual Integrations
 APPROVED

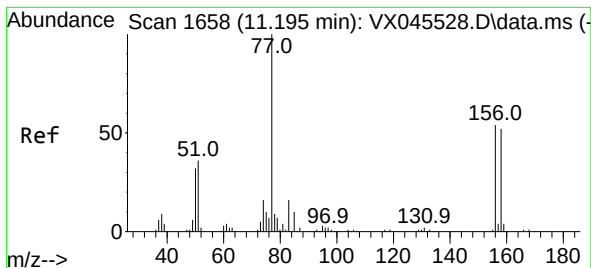
Reviewed By :John Carlone 04/08/2025
 Supervised By :Mahesh Dadoda 04/08/2025



#76
 1,2,3-Trichloropropane
 Concen: 17.477 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045617.D
 Acq: 07 Apr 2025 10:34

Tgt Ion: 75 Resp: 27650
 Ion Ratio Lower Upper
 75 100
 77 41.1 20.0 59.9





#77

Bromobenzene

Concen: 17.790 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

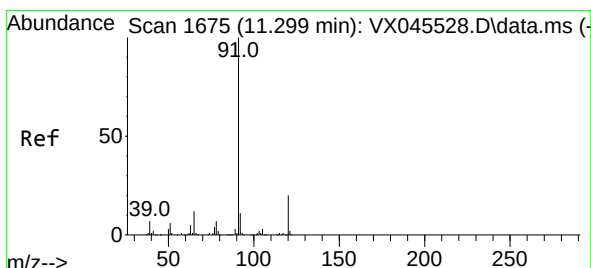
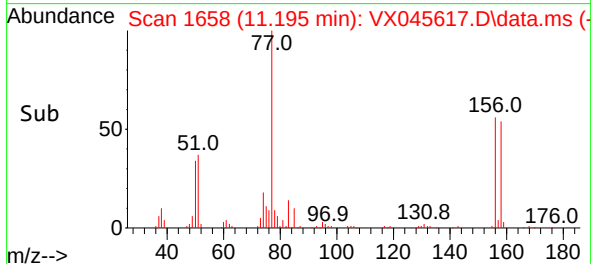
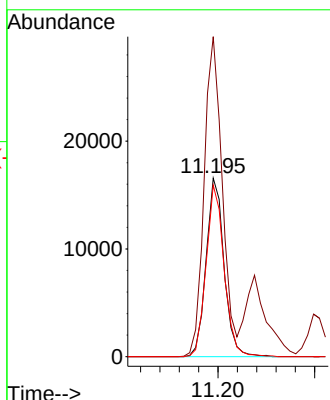
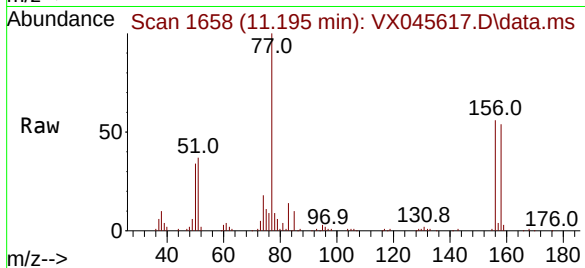
Tgt Ion:	156	Resp:	21350
Ion Ratio	Lower	Upper	
156	100		
77	181.1	92.6	277.8
158	96.5	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#78

n-propylbenzene

Concen: 17.636 ug/l

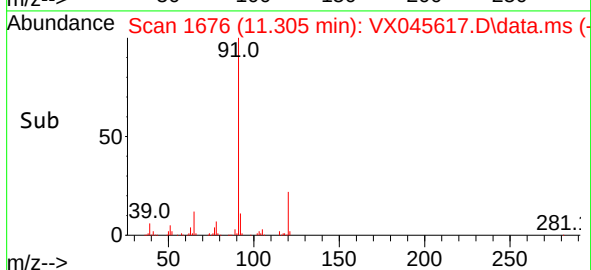
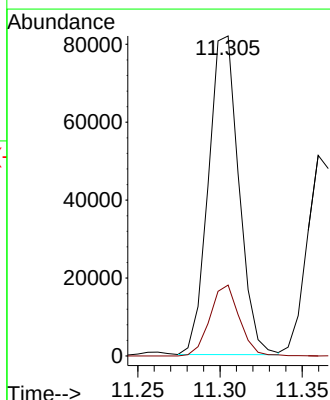
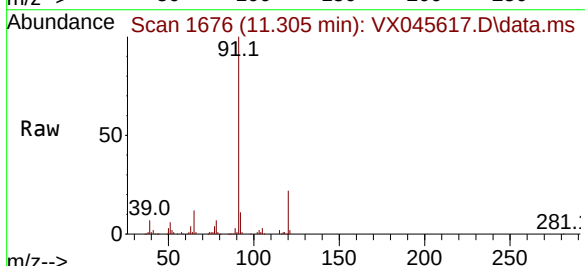
RT: 11.305 min Scan# 1676

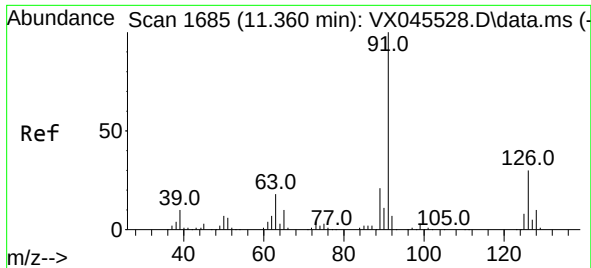
Delta R.T. 0.006 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Tgt Ion:	91	Resp:	105538
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.3





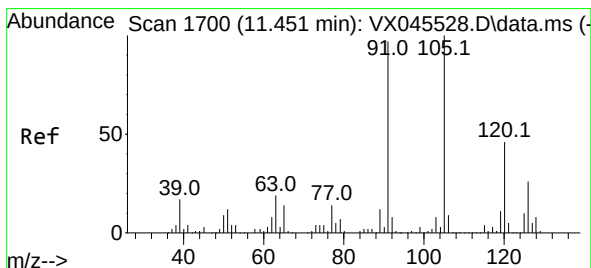
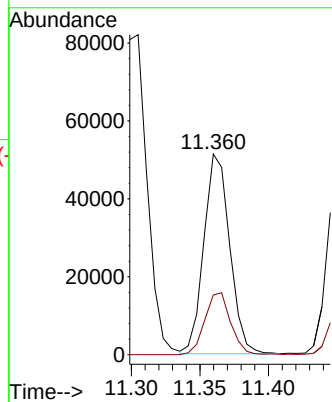
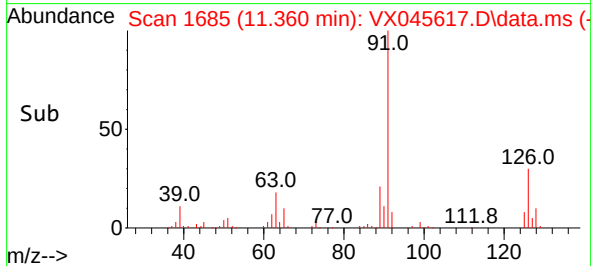
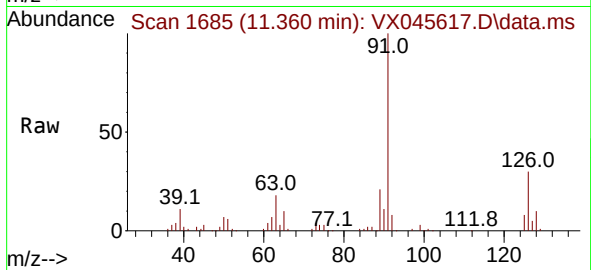
#79
2-Chlorotoluene
Concen: 17.579 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tgt Ion: 91 Resp: 6725
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4

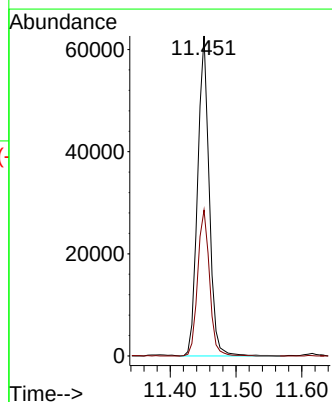
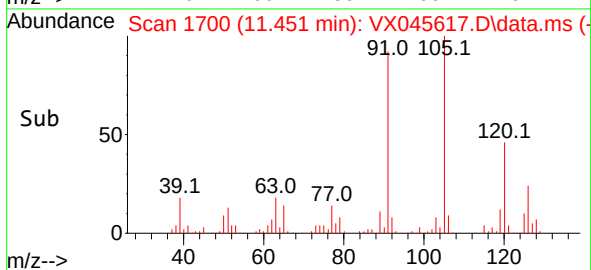
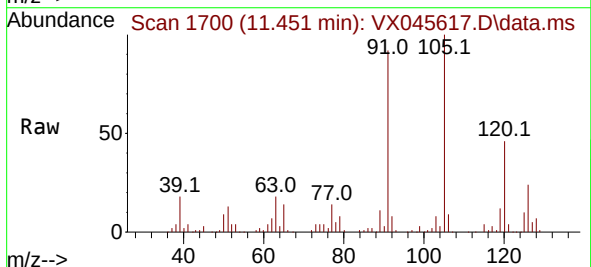
Manual Integrations
APPROVED

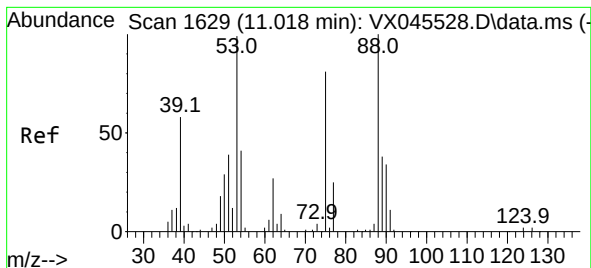
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.740 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

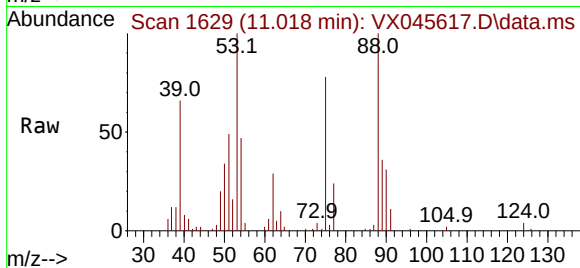
Tgt Ion:105 Resp: 76216
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.739 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

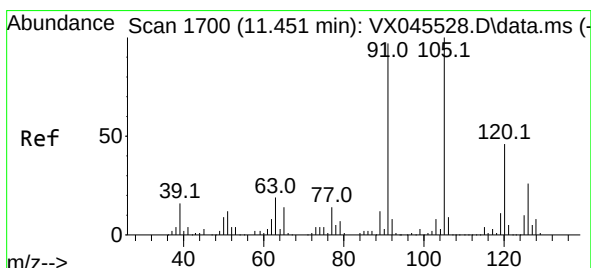
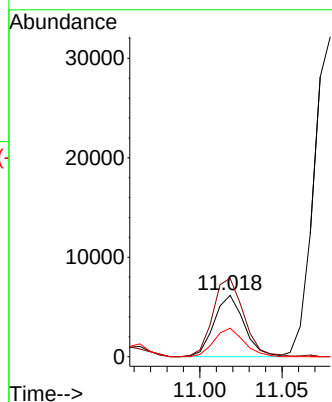
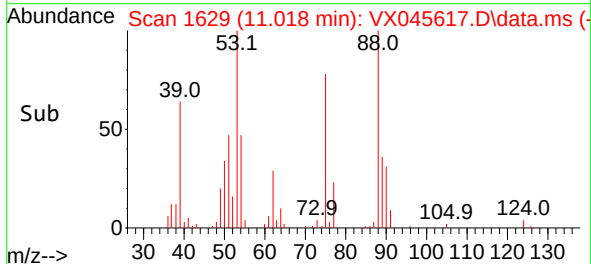
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



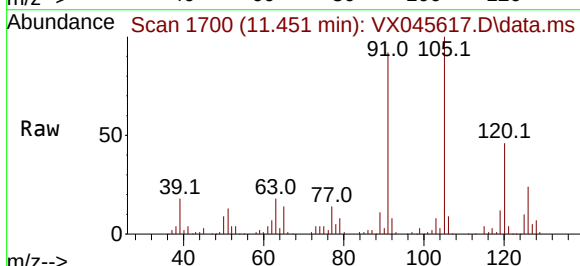
Tgt Ion: 75 Resp: 780
Ion Ratio Lower Upper
75 100
53 132.8 101.8 152.6
89 46.2 37.2 55.8

Manual Integrations
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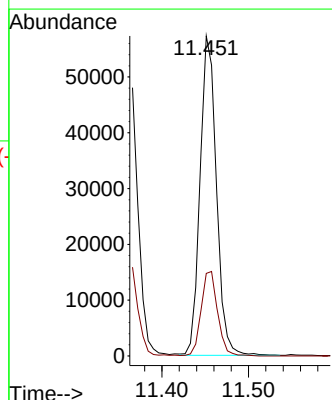
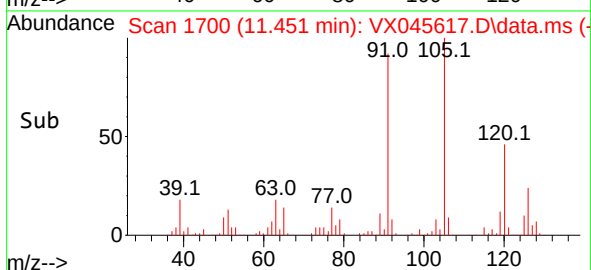
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

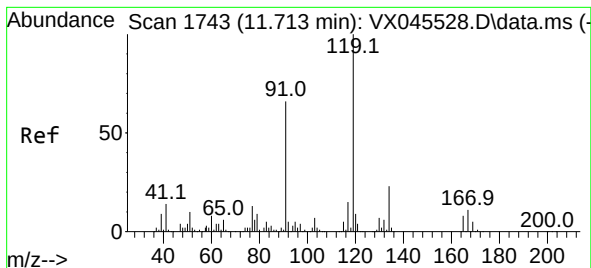


#82
4-Chlorotoluene
Concen: 17.593 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34



Tgt Ion: 91 Resp: 75042
Ion Ratio Lower Upper
91 100
126 26.7 13.3 39.9





#83

tert-Butylbenzene

Concen: 17.585 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion:119 Resp: 7479

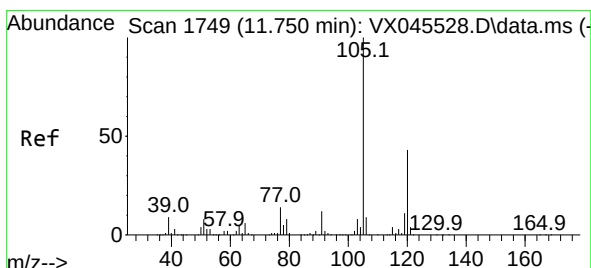
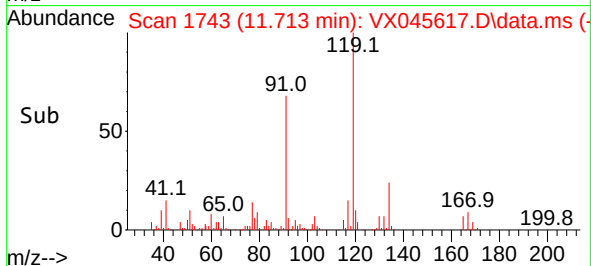
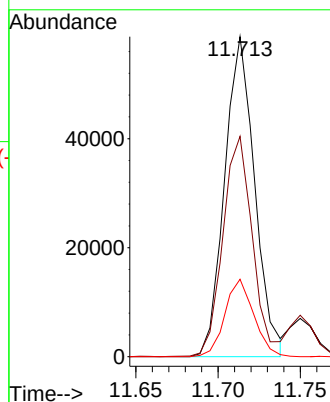
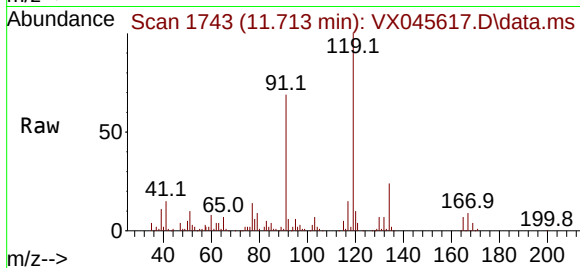
Ion	Ratio	Lower	Upper
119	100		
91	68.0	32.4	97.2
134	23.3	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 17.769 ug/l

RT: 11.750 min Scan# 1749

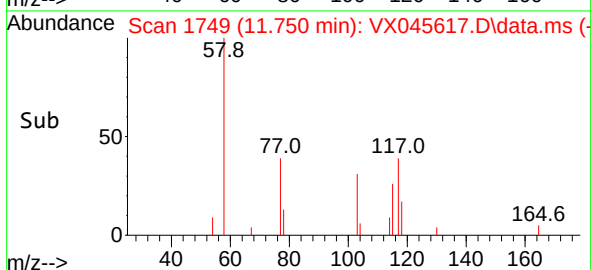
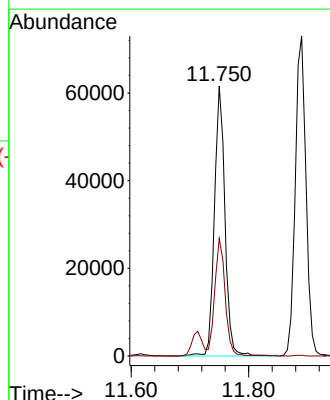
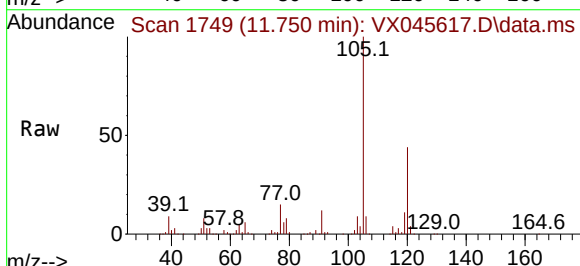
Delta R.T. 0.000 min

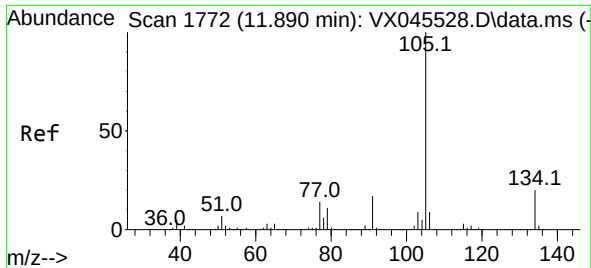
Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Tgt Ion:105 Resp: 76620

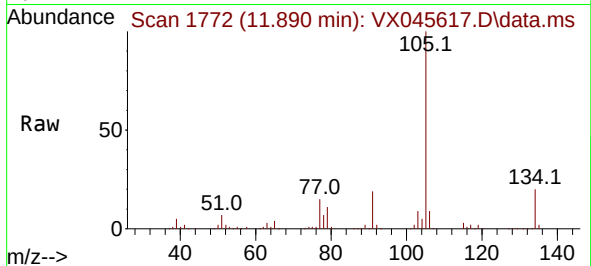
Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 17.657 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045617.D
 Acq: 07 Apr 2025 10:34

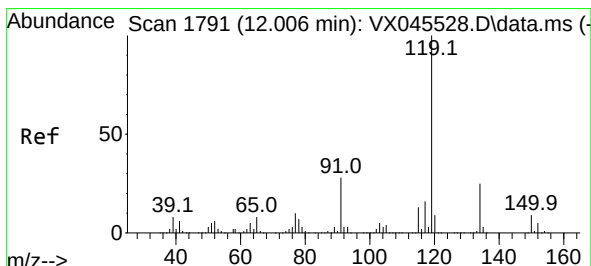
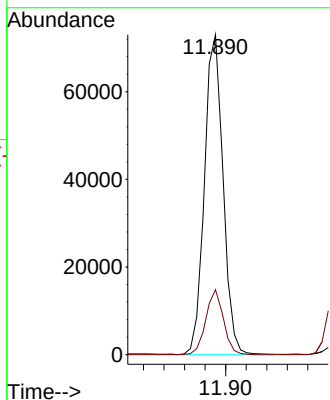
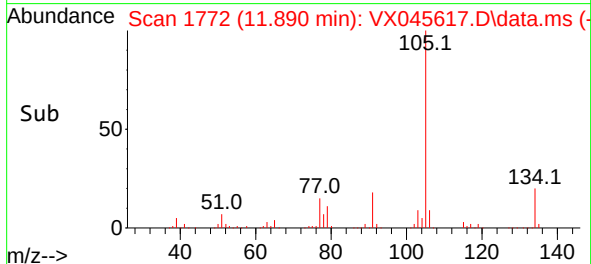
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01



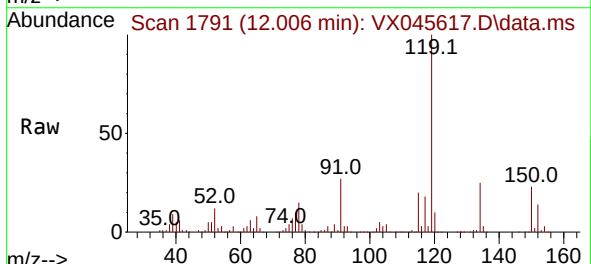
Tgt Ion:105 Resp: 9224
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

Manual Integrations
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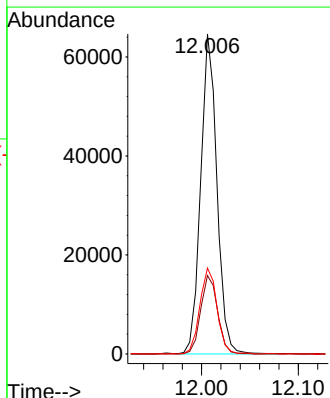
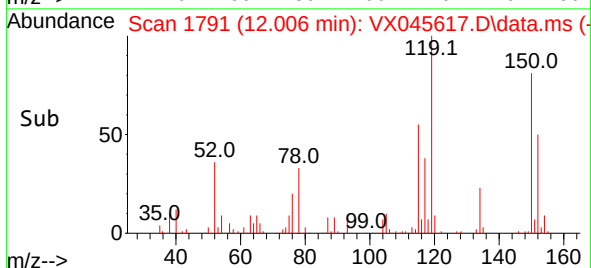
Reviewed By :John Carlone 04/08/2025
 Supervised By :Mahesh Dadoda 04/08/2025

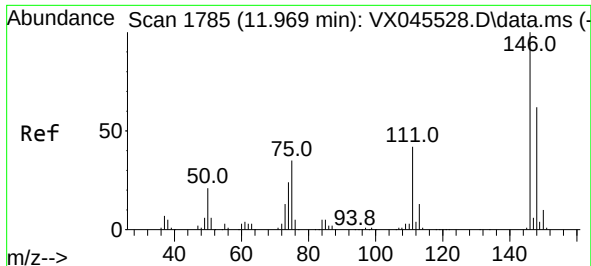


#86
 p-Isopropyltoluene
 Concen: 17.551 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045617.D
 Acq: 07 Apr 2025 10:34



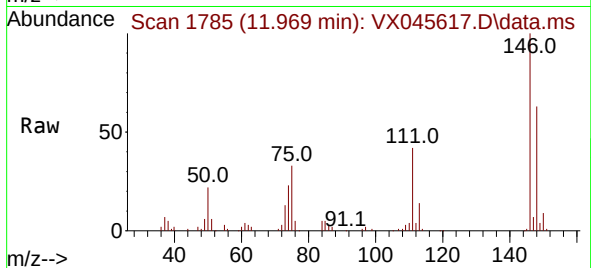
Tgt Ion:119 Resp: 75592
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 28.5 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 17.302 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

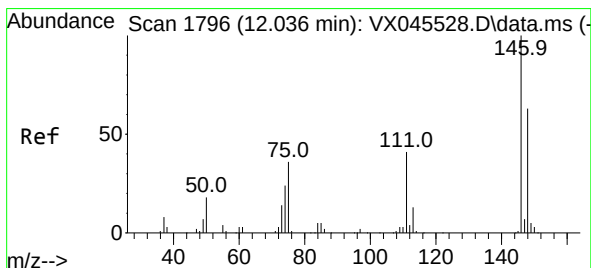
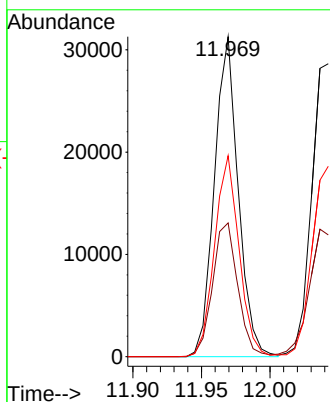
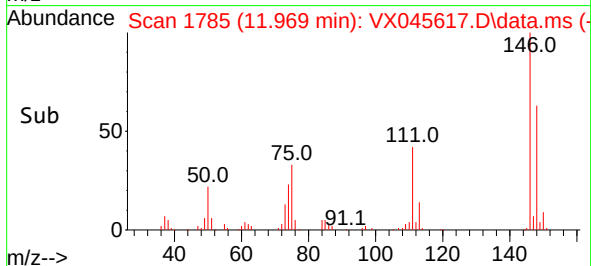
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



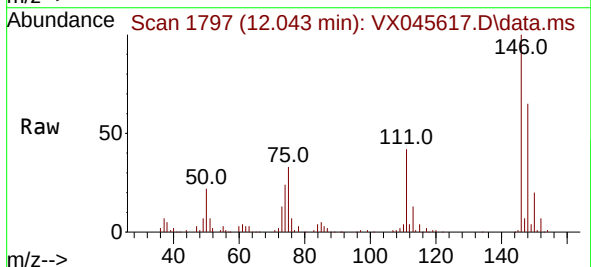
Tgt Ion:146 Resp: 3780
Ion Ratio Lower Upper
146 100
111 44.2 22.2 66.6
148 64.6 31.9 95.7

Manual Integrations
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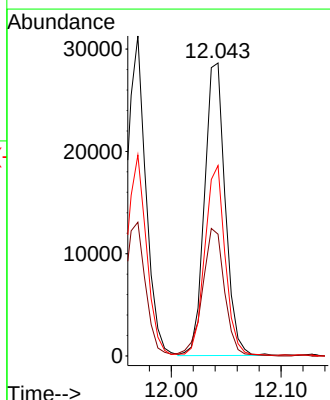
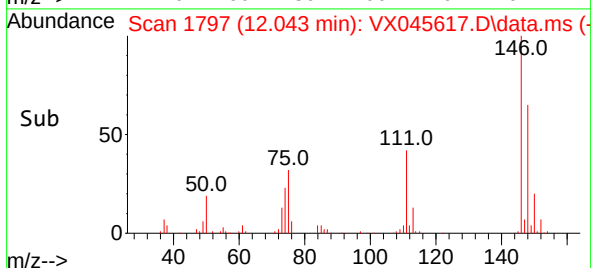
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

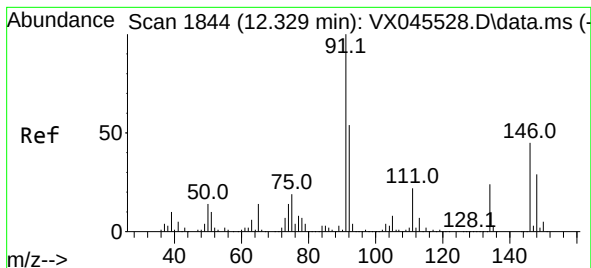


#88
1,4-Dichlorobenzene
Concen: 16.936 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34



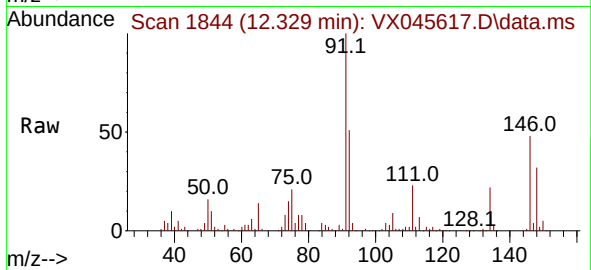
Tgt Ion:146 Resp: 37519
Ion Ratio Lower Upper
146 100
111 46.5 20.9 62.8
148 63.8 31.5 94.5





#89
n-Butylbenzene
Concen: 17.230 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

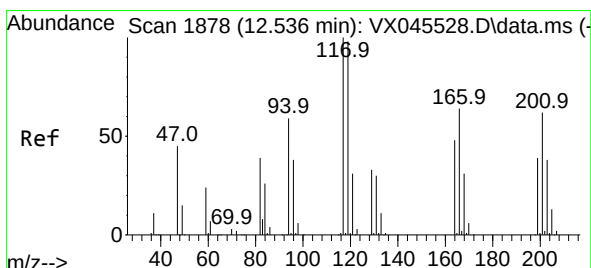
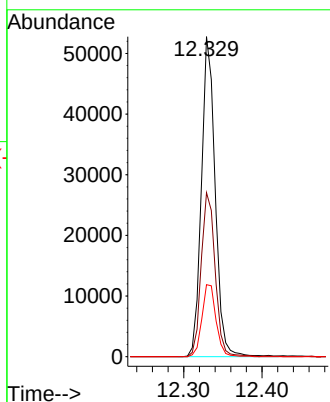
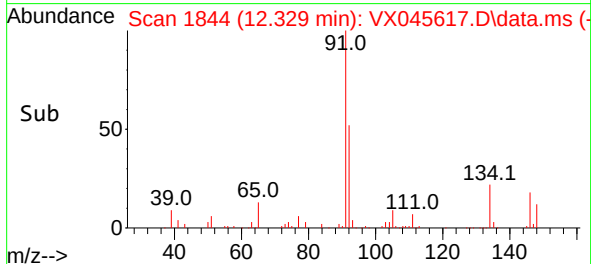
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



Tgt Ion: 91 Resp: 64350
Ion Ratio Lower Upper
91 100
92 52.0 26.9 80.6
134 23.1 11.9 35.7

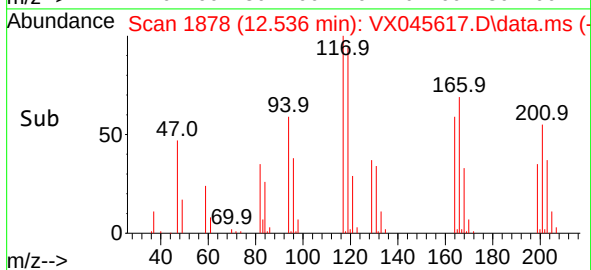
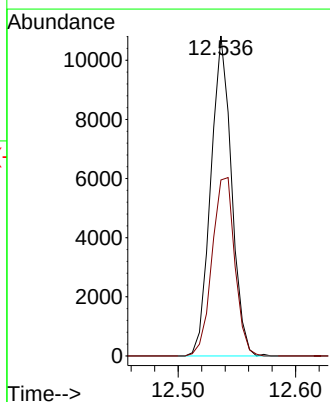
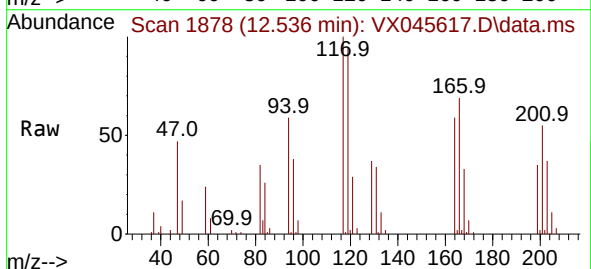
Manual Integrations
APPROVED

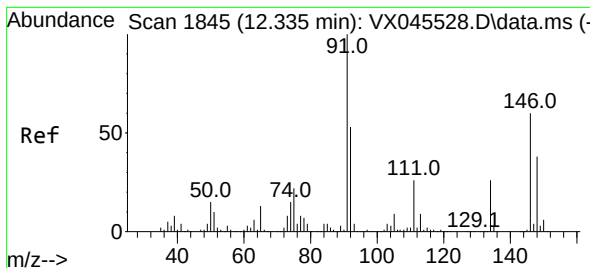
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025



#90
Hexachloroethane
Concen: 17.906 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

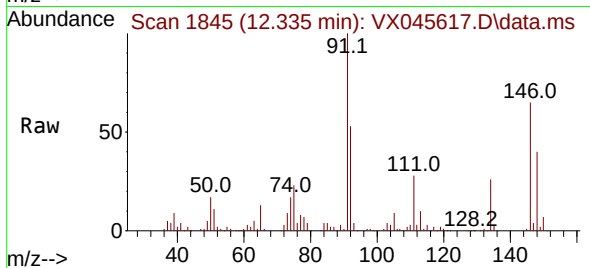
Tgt Ion:117 Resp: 13254
Ion Ratio Lower Upper
117 100
201 61.2 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 17.492 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34

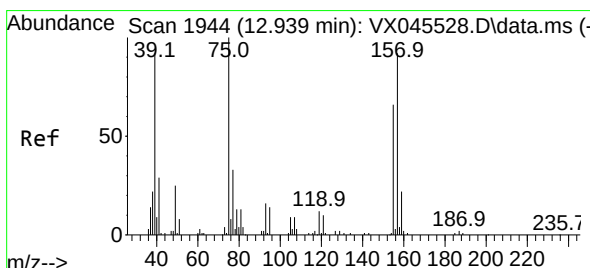
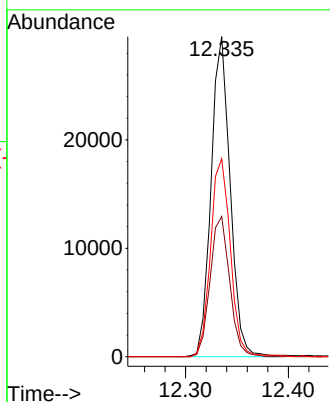
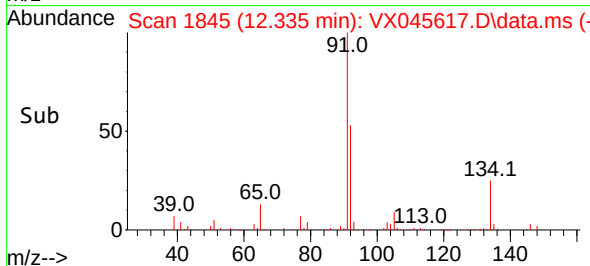
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01



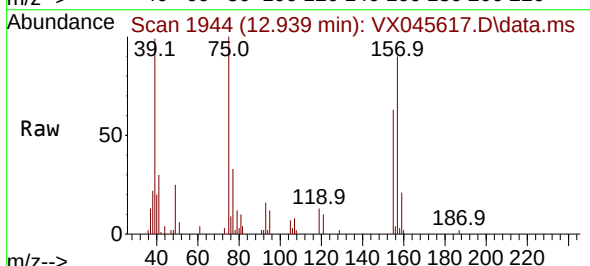
Tgt Ion:146 Resp: 3800
Ion Ratio Lower Upper
146 100
111 44.9 22.9 68.8
148 64.3 31.9 95.5

Manual Integrations
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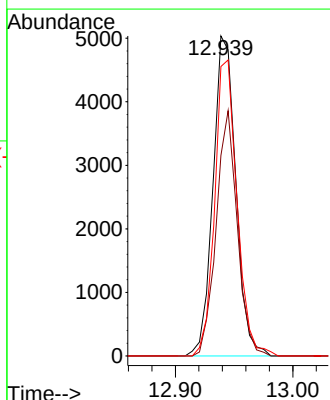
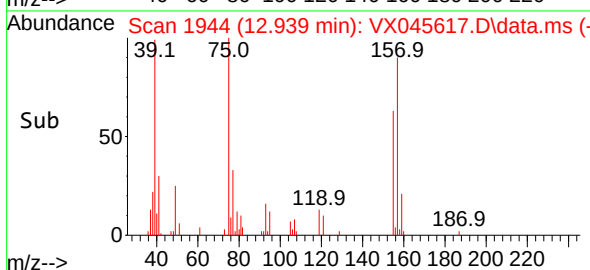
Reviewed By :John Carlone 04/08/2025
Supervised By :Mahesh Dadoda 04/08/2025

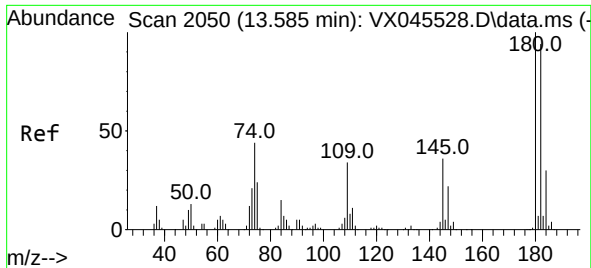


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.821 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045617.D
Acq: 07 Apr 2025 10:34



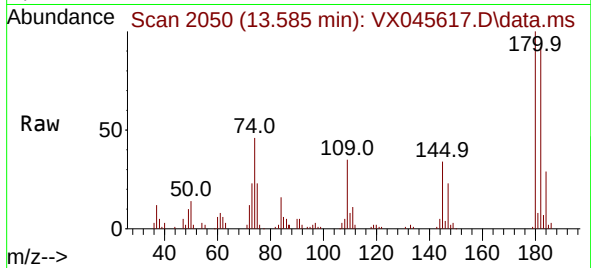
Tgt Ion: 75 Resp: 6802
Ion Ratio Lower Upper
75 100
155 70.9 34.9 104.7
157 90.6 44.9 134.7





#93
 1,2,4-Trichlorobenzene
 Concen: 16.447 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX045617.D
 Acq: 07 Apr 2025 10:34

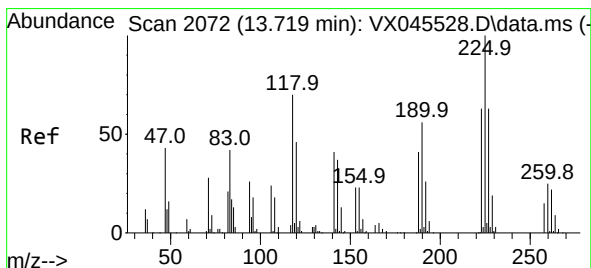
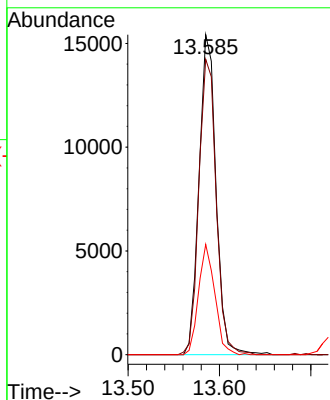
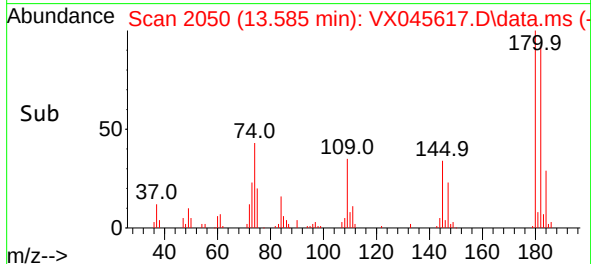
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01



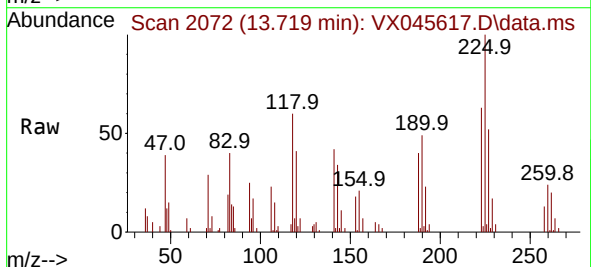
Tgt Ion:180 Resp: 19889
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.6
 145 33.1 17.9 53.8

Manual Integrations
 APPROVED

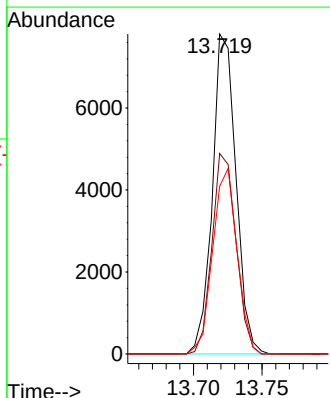
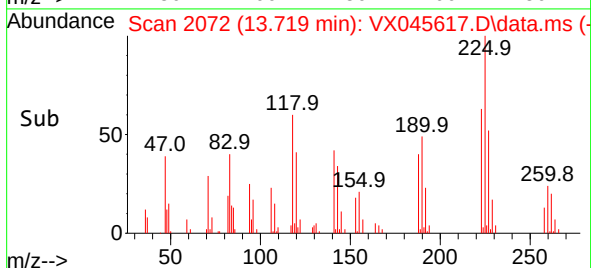
Reviewed By :John Carlone 04/08/2025
 Supervised By :Mahesh Dadoda 04/08/2025

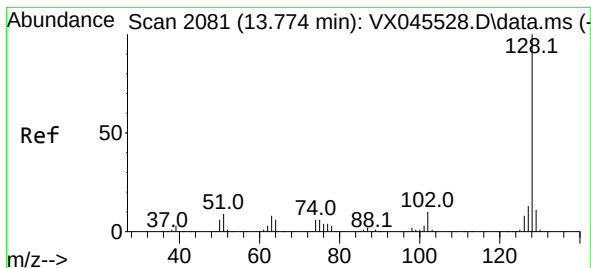


#94
 Hexachlorobutadiene
 Concen: 17.922 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: VX045617.D
 Acq: 07 Apr 2025 10:34



Tgt Ion:225 Resp: 9339
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.1 93.3
 227 59.9 32.2 96.6





#95

Naphthalene

Concen: 16.411 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tgt Ion:128 Resp: 73854

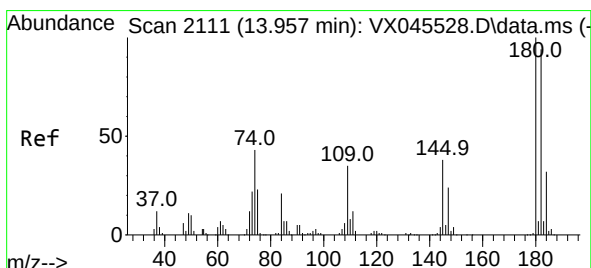
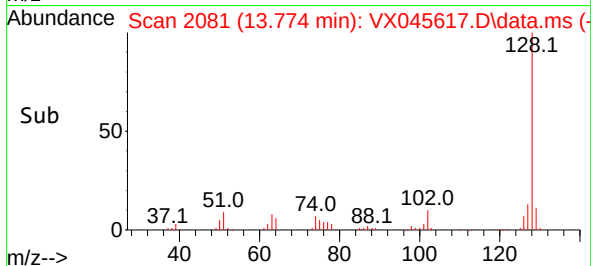
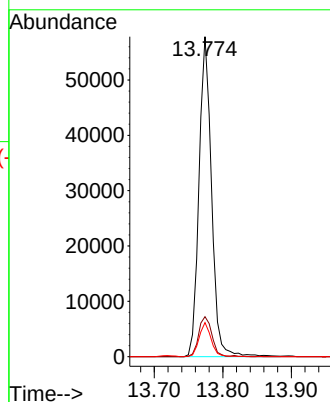
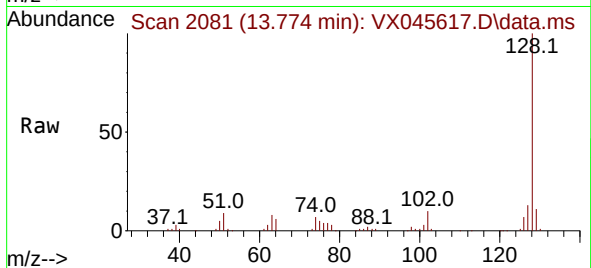
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2025

Supervised By :Mahesh Dadoda 04/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 16.591 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045617.D

Acq: 07 Apr 2025 10:34

Tgt Ion:180 Resp: 21009

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.8
145	36.5	18.2	54.6

