

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
 Data File : VX045498.D
 Acq On : 28 Mar 2025 09:59
 Operator : JC/MD
 Sample : VSTD00567
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005667

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/03/2025

Quant Time: Mar 28 13:12:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 28 13:12:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	176015	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	157101	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	68743	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	5878	4.436	ug/L	0.00
7) Chloroethane-d5	1.654	69	4630	9.199	ug/L	0.01
11) 1,1-Dichloroethene-d2	2.300	65	3141	5.546	ug/L	0.00
21) 2-Butanone-d5	4.465	46	9122m	16.105	ug/L	0.00
24) Chloroform-d	5.056	84	13651	5.863	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	10441	7.471	ug/L	0.00
32) Benzene-d6	5.964	84	23372	4.758	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	7734	4.974	ug/L	0.00
41) Toluene-d8	8.647	98	21112	4.856	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	2637	3.576	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	5398	11.731	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	10378	5.371	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	6697	4.979	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	8080	6.419	ug/L	97
3) Chloromethane	1.307	50	6921	4.459	ug/L	97
5) Vinyl chloride	1.368	62	6379	4.475	ug/L	94
6) Bromomethane	1.593	94	2995	7.763	ug/L	86
8) Chloroethane	1.673	64	3261	5.730	ug/L	97
9) Trichlorofluoromethane	1.880	101	9209	5.795	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	5725	4.897	ug/L	99
12) 1,1-Dichloroethene	2.313	96	5014	4.596	ug/L	92
13) Acetone	2.380	43	9840	17.421	ug/L	93
14) Carbon disulfide	2.502	76	11680	3.496	ug/L	100
15) Methyl Acetate	2.703	43	6865	5.252	ug/L	94
16) Methylene chloride	2.782	84	6100	4.889	ug/L	86
17) trans-1,2-Dichloroethene	3.081	96	5167	4.528	ug/L	86
18) Methyl tert-butyl Ether	3.105	73	16424	4.174	ug/L	95
19) 1,1-Dichloroethane	3.599	63	10098	4.525	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	5335	3.905	ug/L	88
22) 2-Butanone	4.574	43	10701m	11.490	ug/L	
23) Bromochloromethane	4.898	128	2772	4.115	ug/L	91
25) Chloroform	5.093	83	10552	4.661	ug/L	94
27) 1,2-Dichloroethane	6.080	62	9169	5.398	ug/L	95
29) Cyclohexane	5.458	56	9297	3.855	ug/L	95
30) 1,1,1-Trichloroethane	5.373	97	8549	4.301	ug/L	93
31) Carbon tetrachloride	5.666	117	7490	4.394	ug/L	100
33) Benzene	6.025	78	21007	4.057	ug/L	100
35) Methylcyclohexane	7.373	83	8950	3.971	ug/L	95
37) 1,2-Dichloropropane	7.428	63	5779	4.127	ug/L #	87
38) Bromodichloromethane	7.818	83	7692	4.376	ug/L #	91
39) cis-1,3-Dichloropropene	8.366	75	7293	3.208	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	15893	8.585	ug/L	90
42) Toluene	8.720	91	20617	3.881	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	6824	3.353	ug/L	92
45) 1,1,2-Trichloroethane	9.147	97	5572	4.263	ug/L	95

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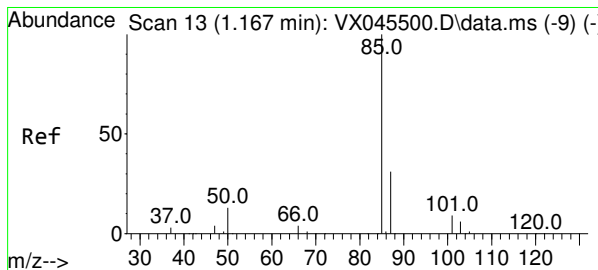
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2025
 Supervised By : Mahesh Dadoda 04/03/2025

Quant Time: Mar 28 13:12:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 28 13:12:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	9.275	164	3880	4.147	ug/L #	87
48) 2-Hexanone	9.433	43	11545	8.703	ug/L #	92
49) Dibromochloromethane	9.513	129	5396	4.093	ug/L	81
50) 1,2-Dibromoethane	9.610	107	5687	4.151	ug/L #	97
51) Chlorobenzene	10.073	112	13424	4.048	ug/L	91
52) Ethylbenzene	10.195	91	23001	3.961	ug/L	96
53) m,p-Xylene	10.299	106	8133	3.731	ug/L	97
54) o-Xylene	10.640	106	7722	3.594	ug/L	80
55) Styrene	10.653	104	12987	3.662	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.207	83	8627	4.254	ug/L	99
59) Bromoform	10.799	173	3222	3.543	ug/L	95
60) Isopropylbenzene	10.957	105	21921	3.971	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	7077	4.663	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	16845	3.719	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	16125	3.595	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	9236	4.070	ug/L	97
65) 1,4-Dichlorobenzene	12.037	146	9506	4.208	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	9219	4.097	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.945	75	1694	4.096	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.109	180	5501	3.699	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	4775	3.561	ug/L	95
71) Naphthalene	13.774	128	16678	3.207	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	4722	3.473	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



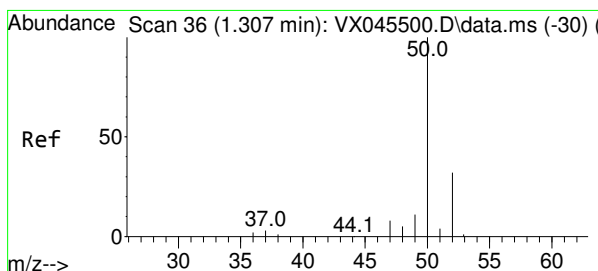
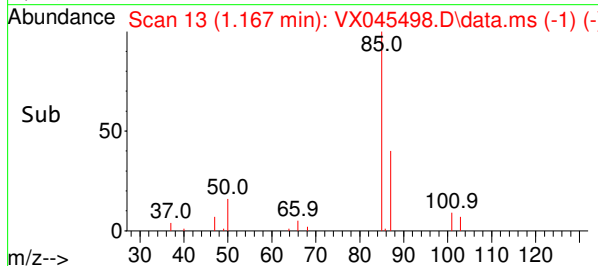
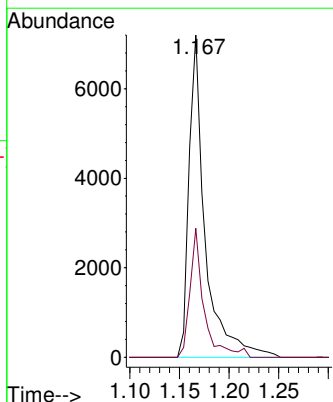
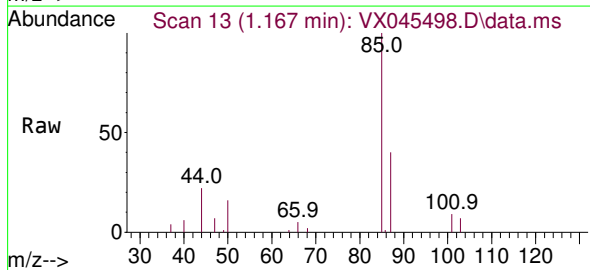
#2
Dichlorodifluoromethane
Concen: 6.419 ug/L
RT: 1.167 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTD005667

Tgt Ion: 85 Resp: 808
Ion Ratio Lower Upper
85 100
87 30.6 25.9 38.9

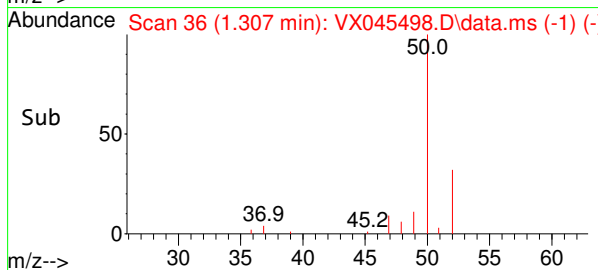
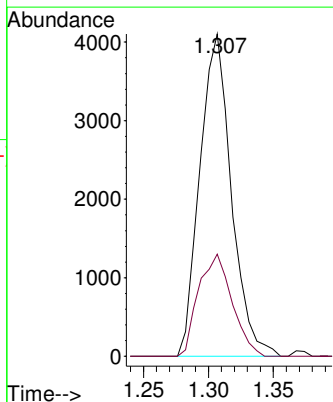
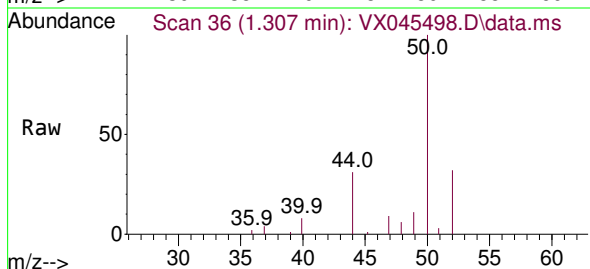
Manual Integrations
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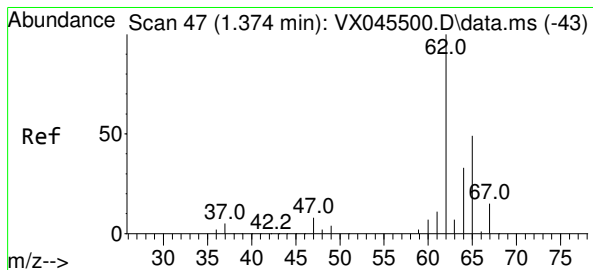
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#3
Chloromethane
Concen: 4.459 ug/L
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 50 Resp: 6921
Ion Ratio Lower Upper
50 100
52 31.6 23.3 43.3





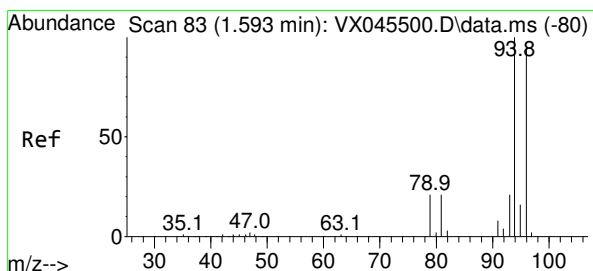
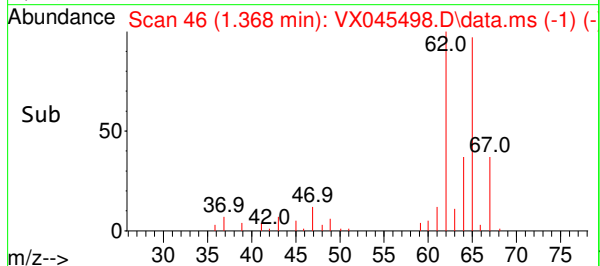
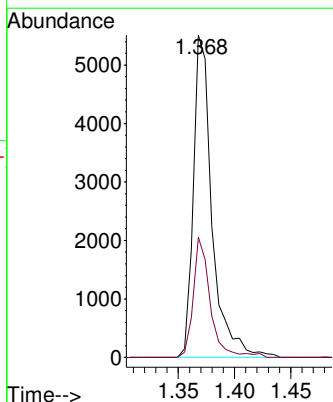
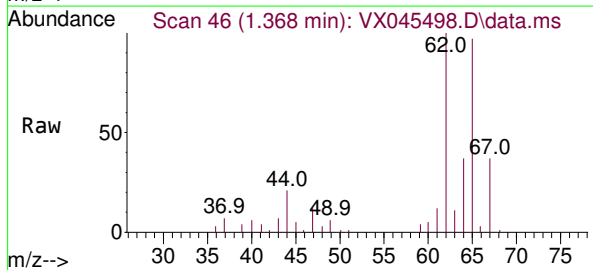
#5
 Vinyl chloride
 Concen: 4.475 ug/L
 RT: 1.368 min Scan# 4
 Delta R.T. -0.006 min
 Lab File: VX045498.D
 Acq: 28 Mar 2025 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005667

Tgt Ion: 62 Resp: 637
 Ion Ratio Lower Upper
 62 100
 64 37.3 23.7 44.1

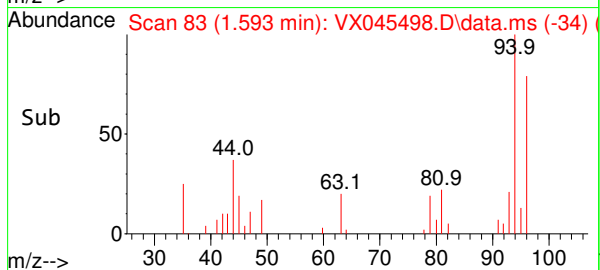
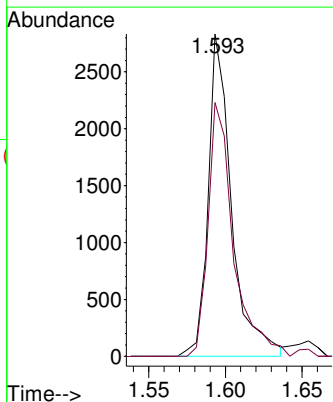
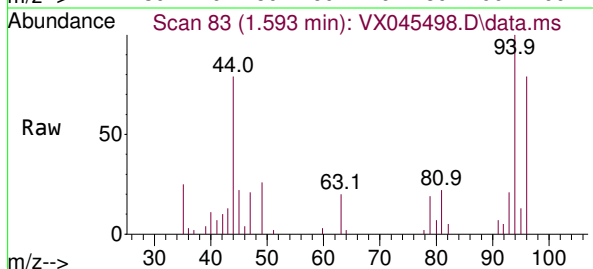
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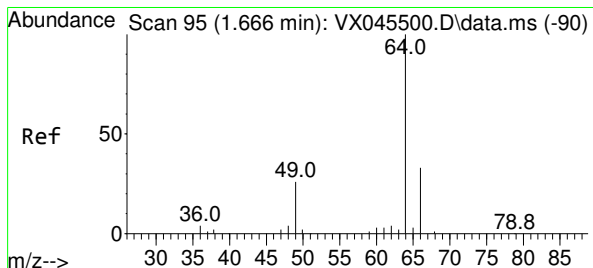
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#6
 Bromomethane
 Concen: 7.763 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX045498.D
 Acq: 28 Mar 2025 09:59

Tgt Ion: 94 Resp: 2995
 Ion Ratio Lower Upper
 94 100
 96 78.7 64.3 119.3





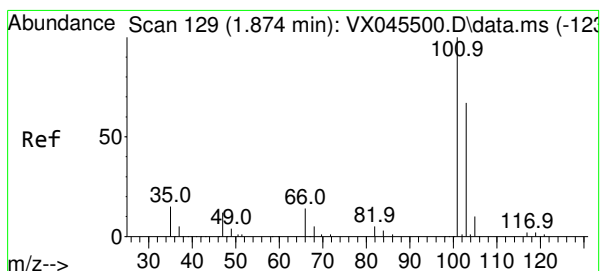
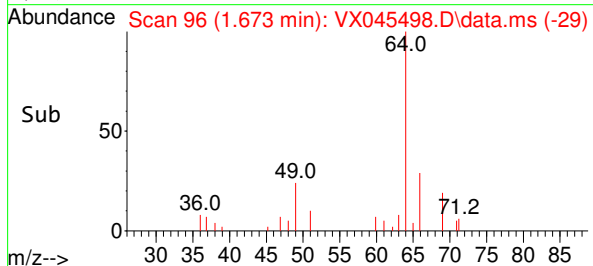
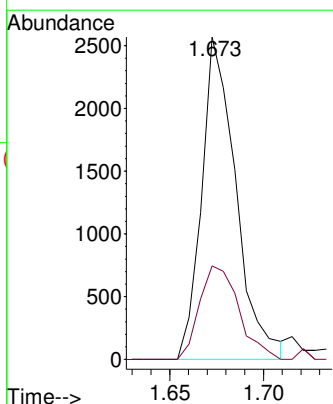
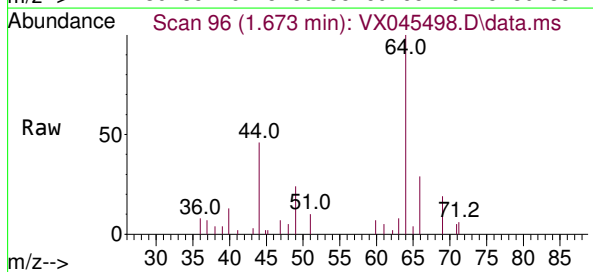
#8
Chloroethane
Concen: 5.730 ug/L
RT: 1.673 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTD005667

Tgt Ion: 64 Resp: 326
Ion Ratio Lower Upper
64 100
66 29.0 21.4 39.8

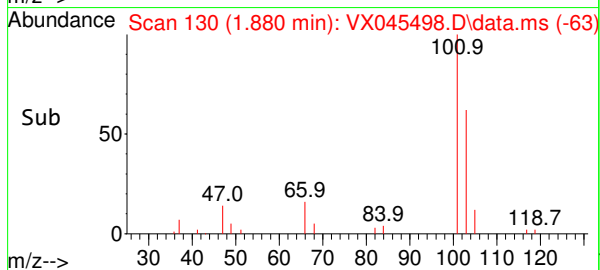
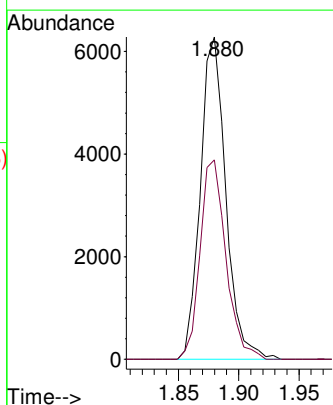
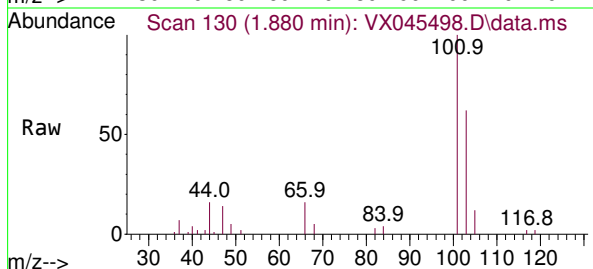
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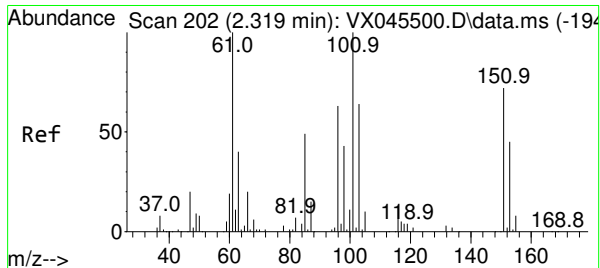
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#9
Trichlorofluoromethane
Concen: 5.795 ug/L
RT: 1.880 min Scan# 130
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion:101 Resp: 9209
Ion Ratio Lower Upper
101 100
103 62.8 52.2 78.2





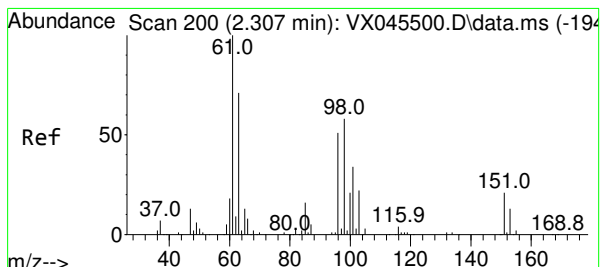
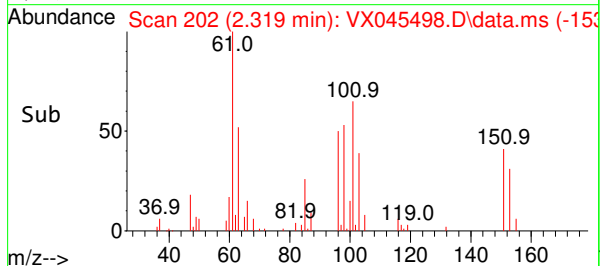
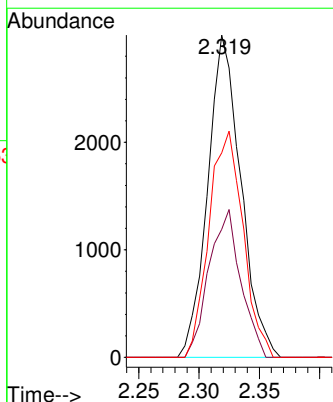
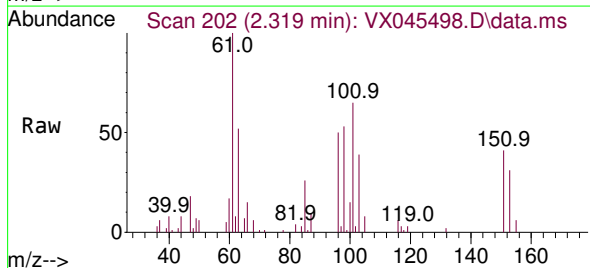
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.897 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX045498.D
 Acq: 28 Mar 2025 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005667

Tgt Ion:	101	Resp:	572
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.4	53.6
151	72.0	57.0	85.4

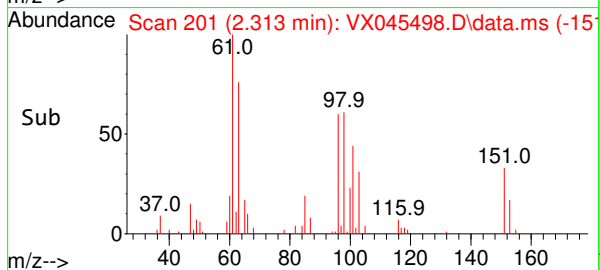
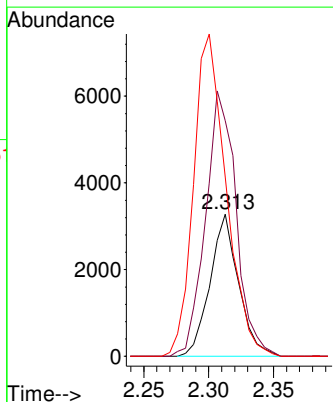
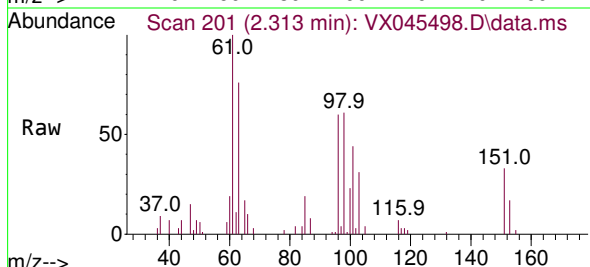
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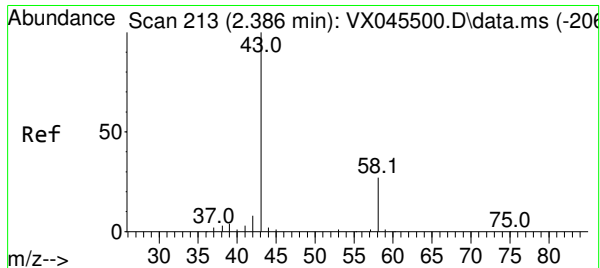
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#12
 1,1-Dichloroethene
 Concen: 4.596 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX045498.D
 Acq: 28 Mar 2025 09:59

Tgt Ion:	96	Resp:	5014
Ion	Ratio	Lower	Upper
96	100		
61	165.5	115.1	213.8
63	126.0	74.1	137.5





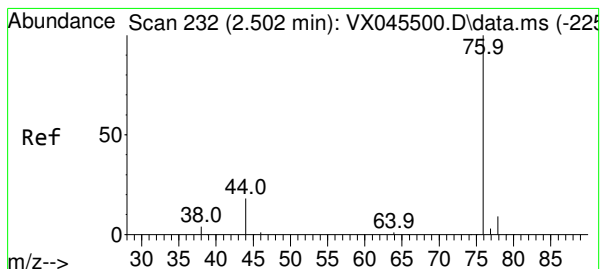
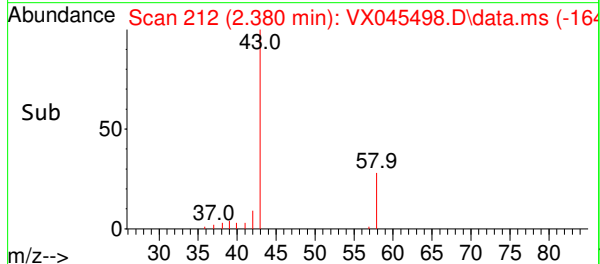
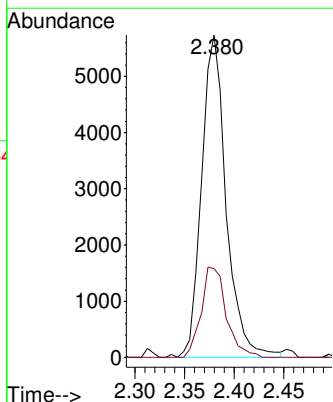
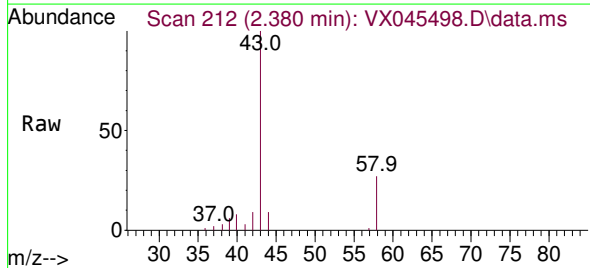
#13
Acetone
Concen: 17.421 ug/L
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
58 28.5 0.0 64.6

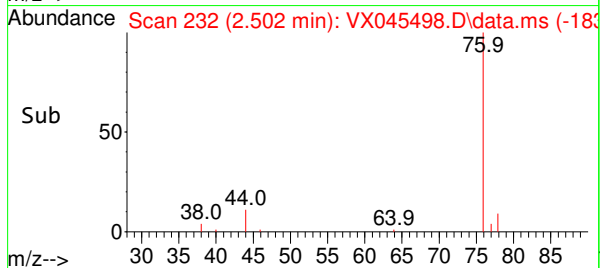
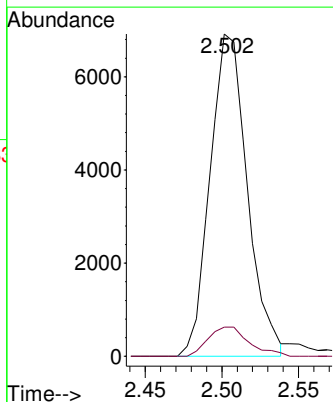
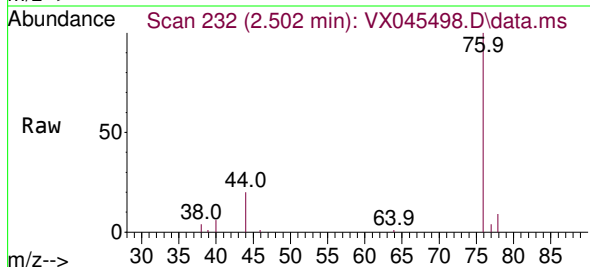
Manual Integrations
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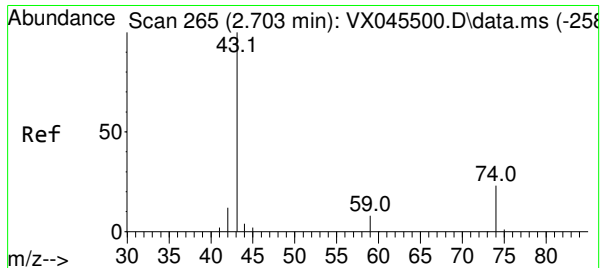
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#14
Carbon disulfide
Concen: 3.496 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 76 Resp: 11680
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





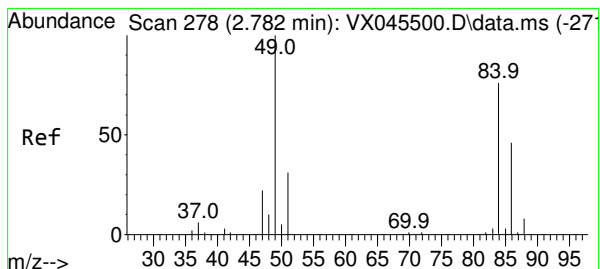
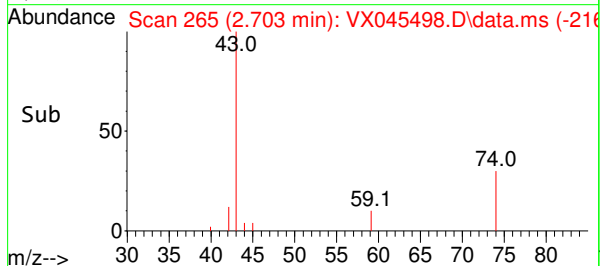
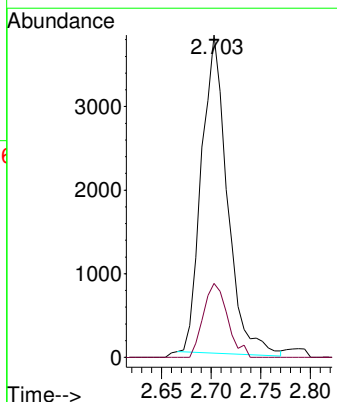
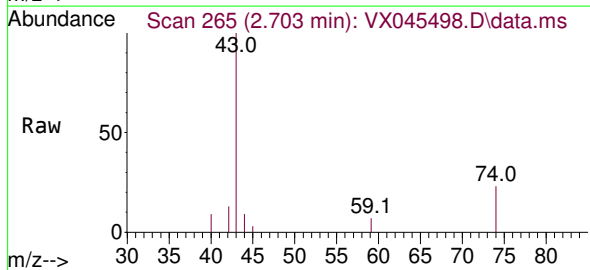
#15
Methyl Acetate
Concen: 5.252 ug/L
RT: 2.703 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
74 21.8 19.7 29.5

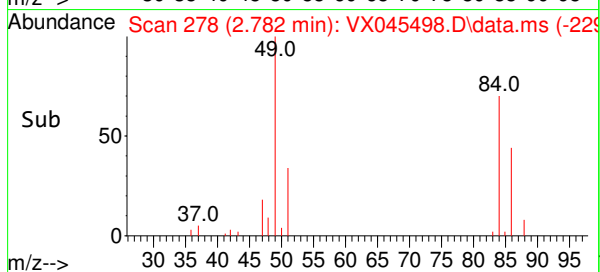
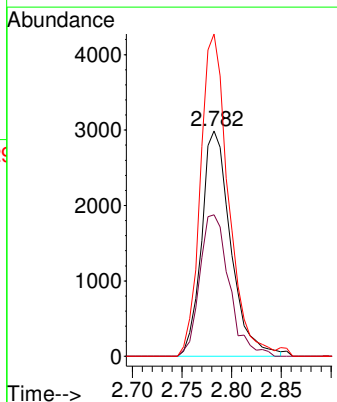
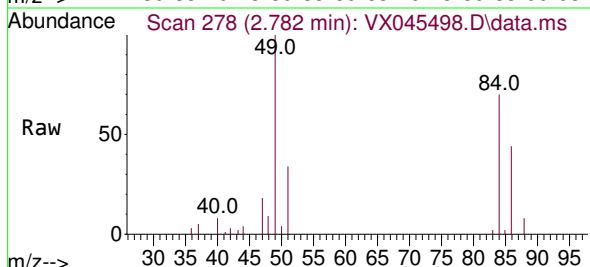
Manual Integrations
APPROVED

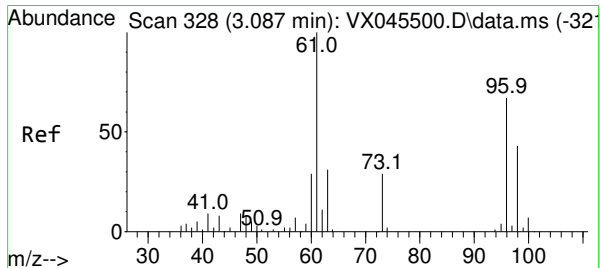
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#16
Methylene chloride
Concen: 4.889 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 84 Resp: 6100
Ion Ratio Lower Upper
84 100
86 62.9 45.6 84.8
49 143.1 84.6 157.0





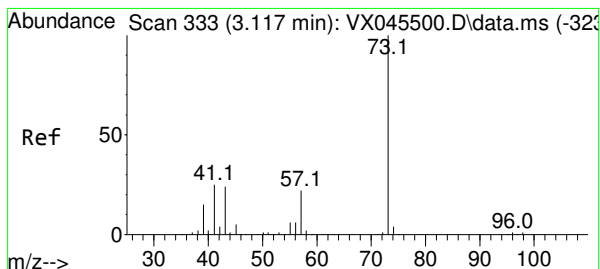
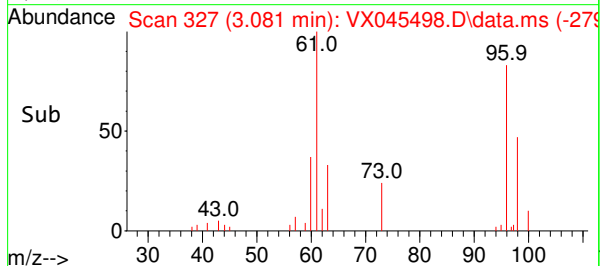
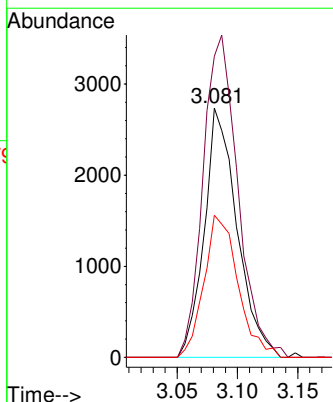
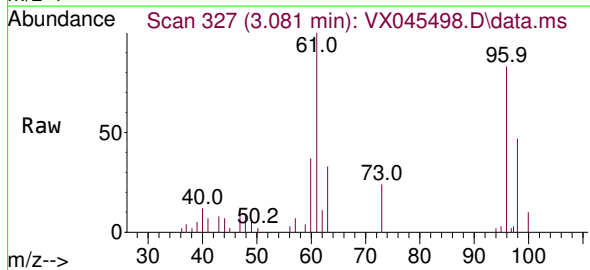
#17
trans-1,2-Dichloroethene
Concen: 4.528 ug/L
RT: 3.081 min Scan# 316
Delta R.T. -0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion: 96 Resp: 516
Ion Ratio Lower Upper
96 100
61 120.8 98.3 182.7
98 57.0 44.1 81.9

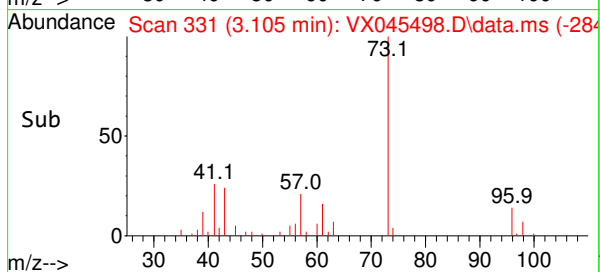
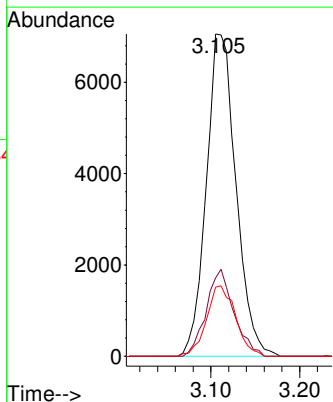
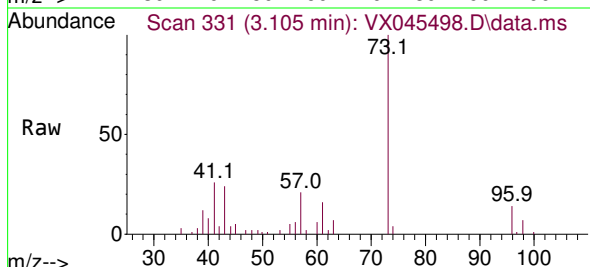
Manual Integrations
APPROVED

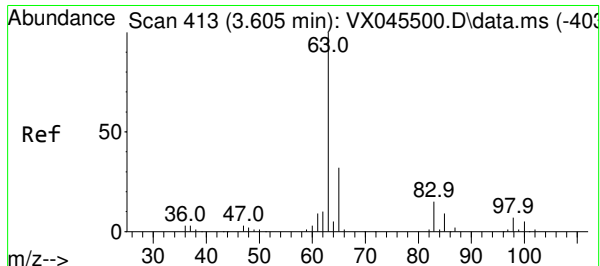
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#18
Methyl tert-butyl Ether
Concen: 4.174 ug/L
RT: 3.105 min Scan# 331
Delta R.T. -0.012 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 73 Resp: 16424
Ion Ratio Lower Upper
73 100
43 25.2 16.9 25.3
57 21.5 17.4 26.0





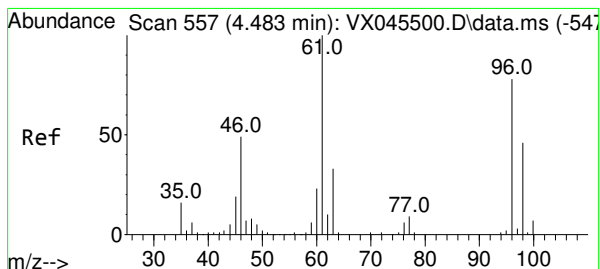
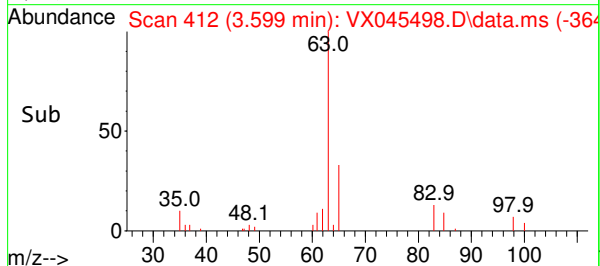
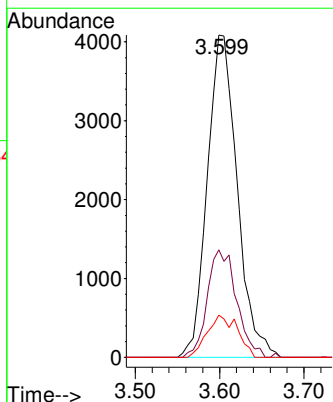
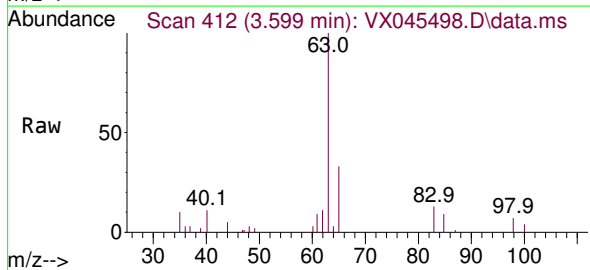
#19
1,1-Dichloroethane
Concen: 4.525 ug/L
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTD005667

Tgt Ion: 63 Resp: 1009
Ion Ratio Lower Upper
63 100
65 33.3 21.8 40.6
83 13.1 9.4 17.4

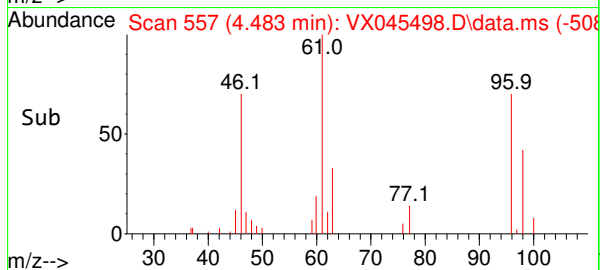
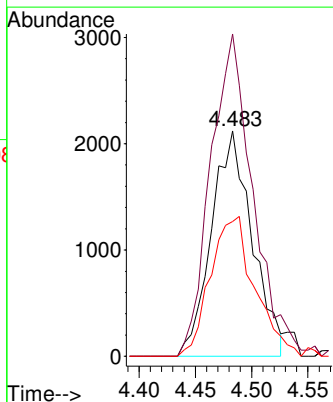
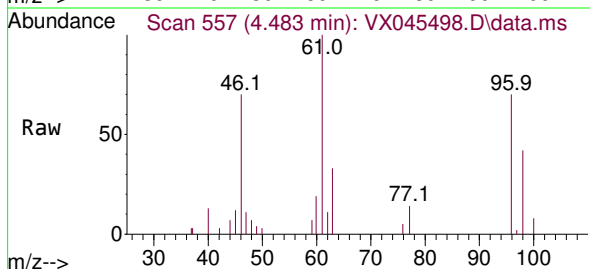
Manual Integrations
APPROVED

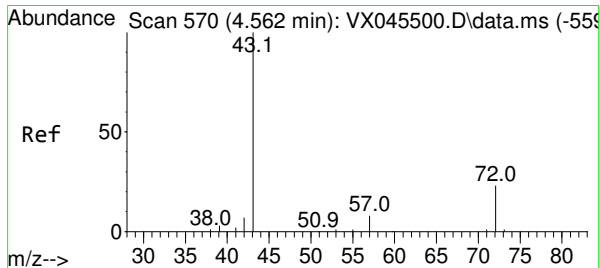
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#20
cis-1,2-Dichloroethene
Concen: 3.905 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 96 Resp: 5335
Ion Ratio Lower Upper
96 100
61 143.2 88.3 163.9
98 59.9 44.6 82.8





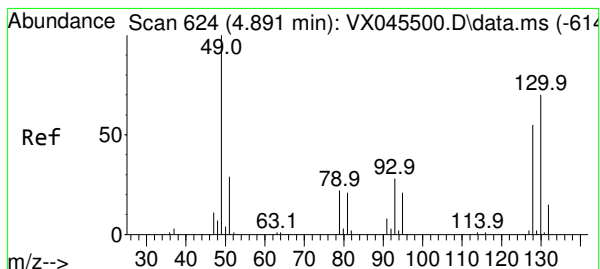
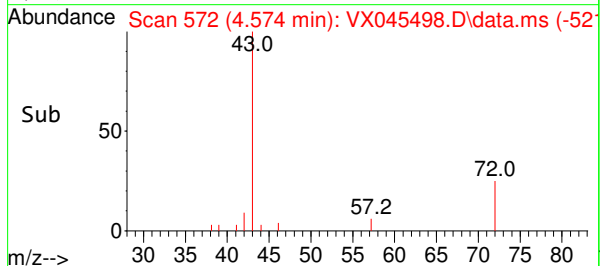
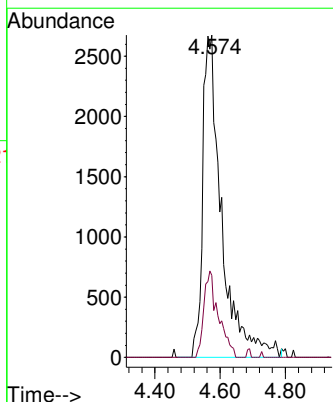
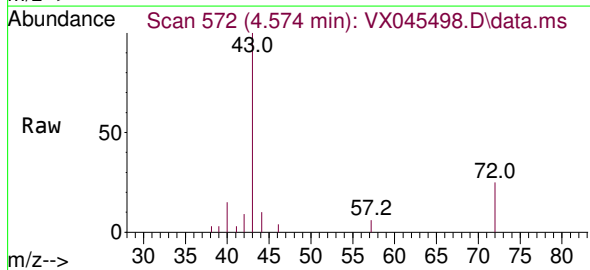
#22
2-Butanone
Concen: 11.490 ug/L m
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTD005667

Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
72 13.2 13.4 40.2

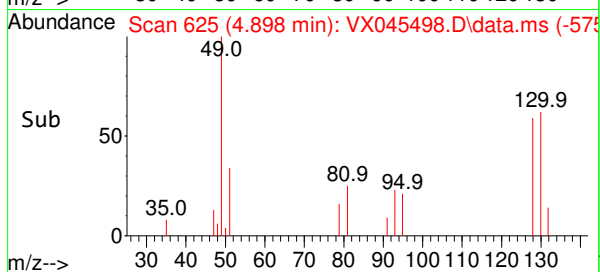
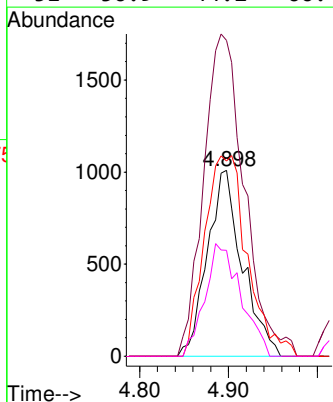
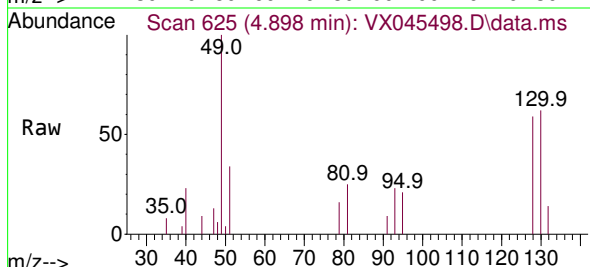
Manual Integrations
APPROVED

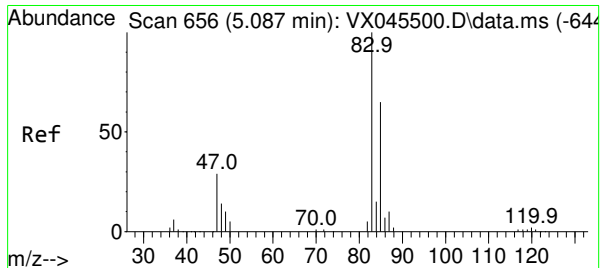
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#23
Bromochloromethane
Concen: 4.115 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion:128 Resp: 2772
Ion Ratio Lower Upper
128 100
49 169.9 117.6 218.4
130 105.0 92.0 170.9
51 56.9 44.2 66.4





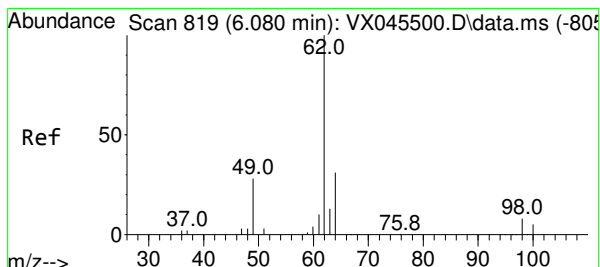
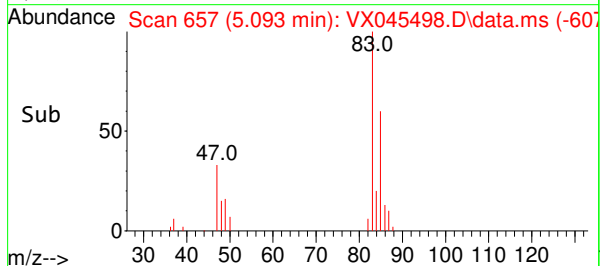
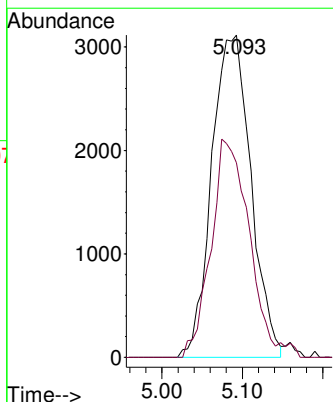
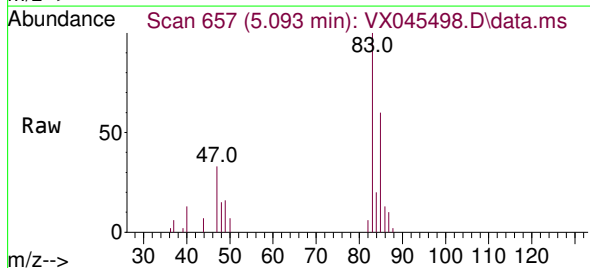
#25
Chloroform
Concen: 4.661 ug/L
RT: 5.093 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion: 83 Resp: 1055
Ion Ratio Lower Upper
83 100
85 60.4 45.4 84.2

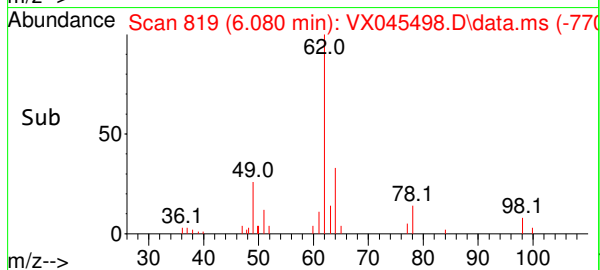
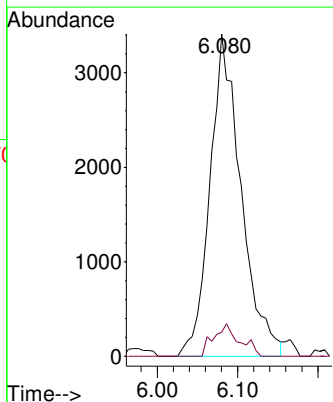
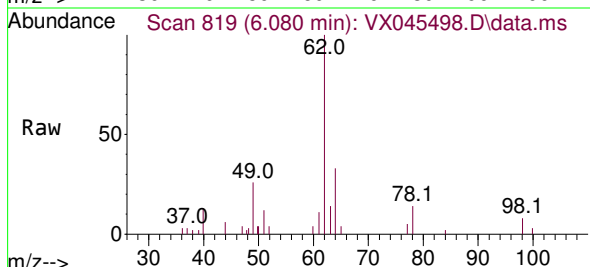
Manual Integrations
APPROVED

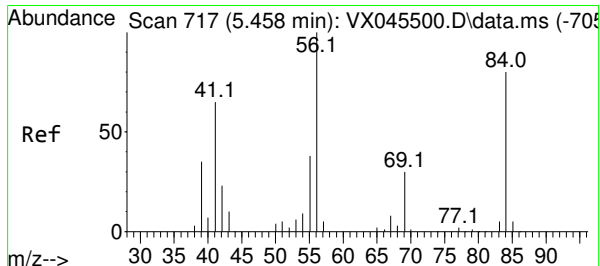
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#27
1,2-Dichloroethane
Concen: 5.398 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 62 Resp: 9169
Ion Ratio Lower Upper
62 100
98 7.5 7.4 11.2





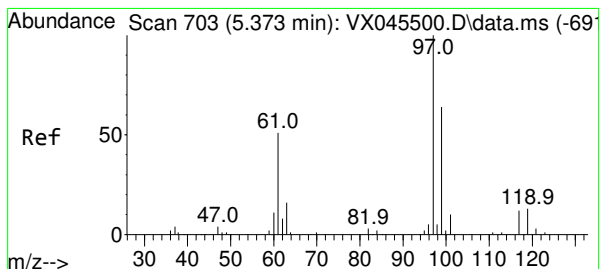
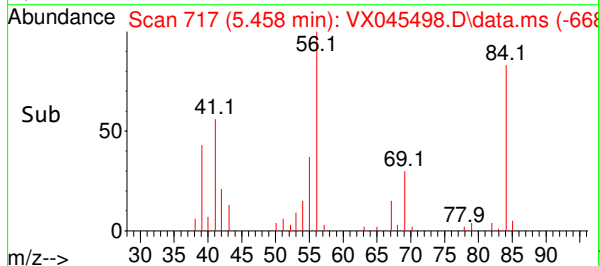
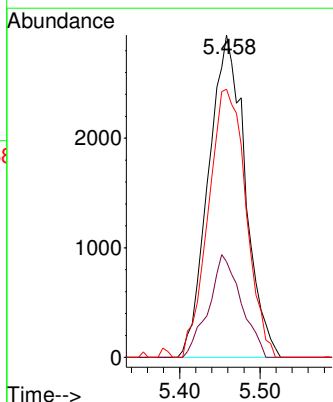
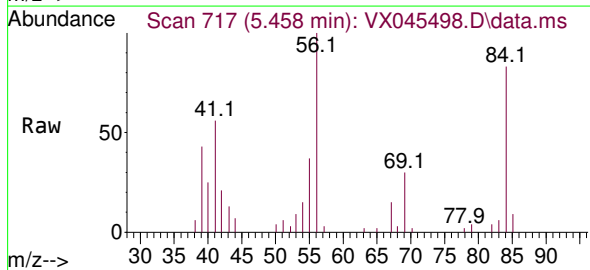
#29
Cyclohexane
Concen: 3.855 ug/L
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTD005667

Tgt Ion: 56 Resp: 929
Ion Ratio Lower Upper
56 100
69 28.3 25.4 38.2
84 85.4 71.6 107.4

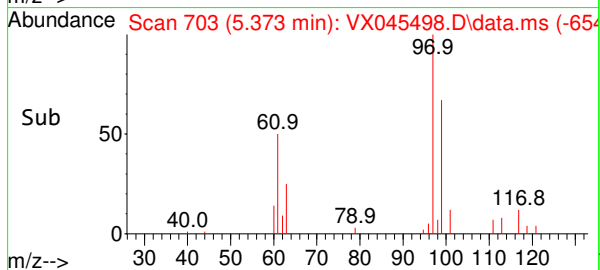
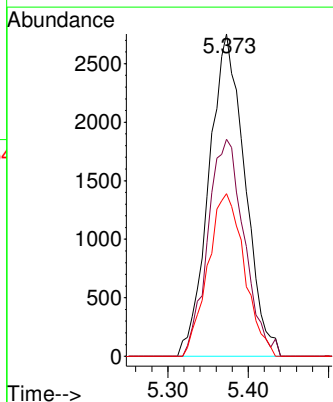
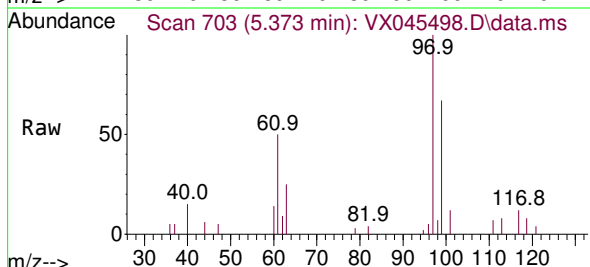
Manual Integrations
APPROVED

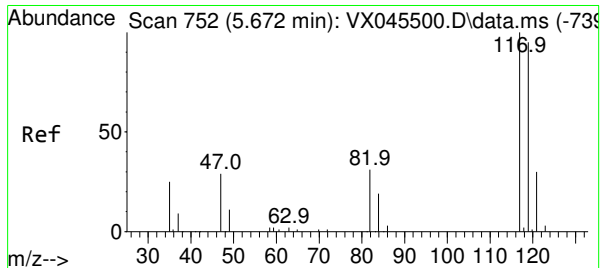
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#30
1,1,1-Trichloroethane
Concen: 4.301 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 97 Resp: 8549
Ion Ratio Lower Upper
97 100
99 67.3 51.0 76.4
61 51.3 35.8 53.6





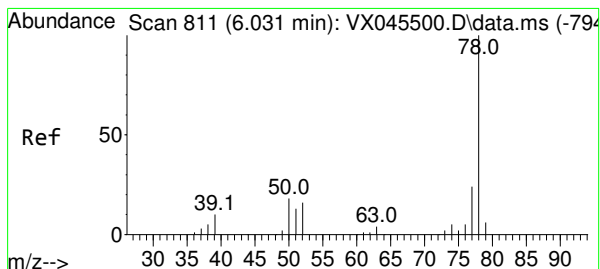
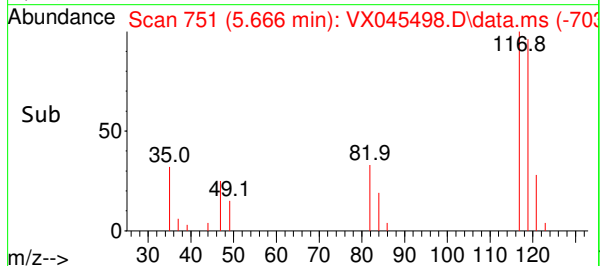
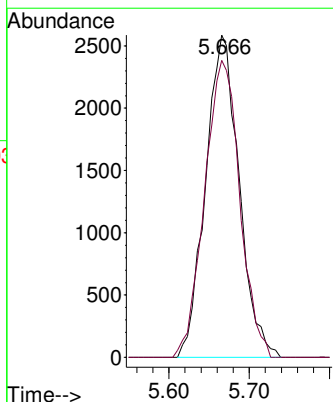
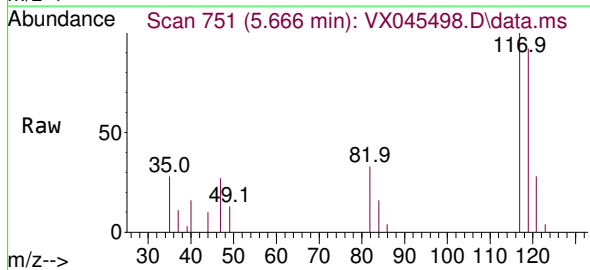
#31
Carbon tetrachloride
Concen: 4.394 ug/L
RT: 5.666 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTD005667

Tgt Ion:117 Resp: 749
Ion Ratio Lower Upper
117 100
119 96.7 77.1 115.7

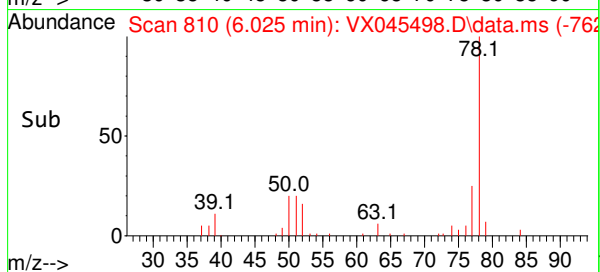
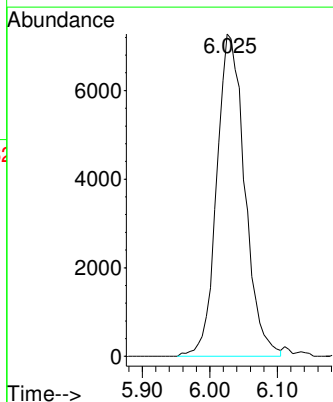
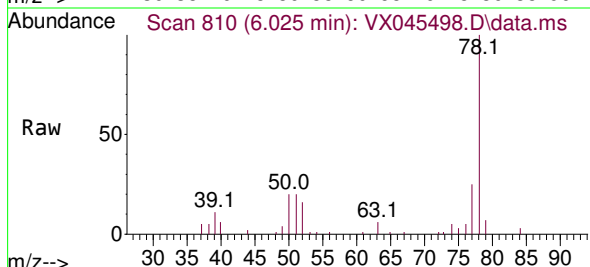
Manual Integrations
APPROVED

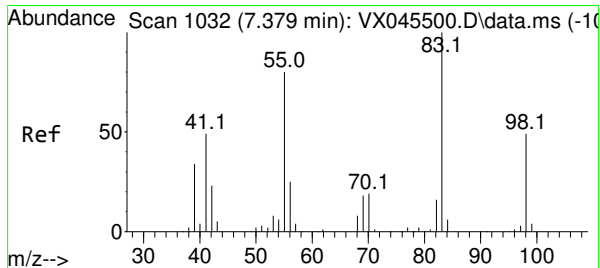
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#33
Benzene
Concen: 4.057 ug/L
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 78 Resp: 21007





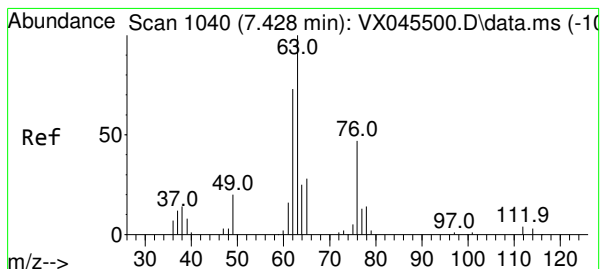
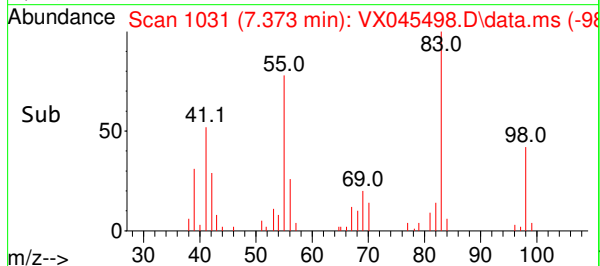
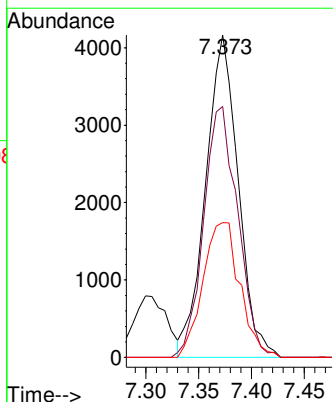
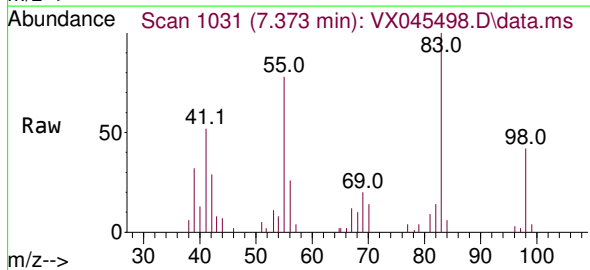
#35
Methylcyclohexane
Concen: 3.971 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
Client Sample Id : VSTD005667

Tgt Ion: 83 Resp: 895
Ion Ratio Lower Upper
83 100
55 81.6 60.6 90.8
98 47.6 38.9 58.3

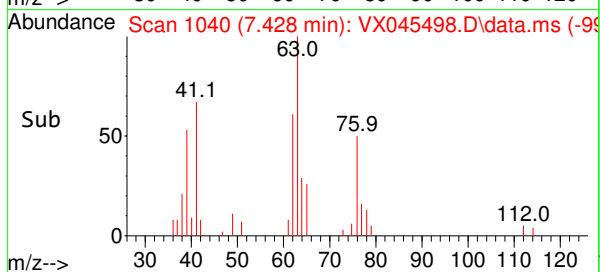
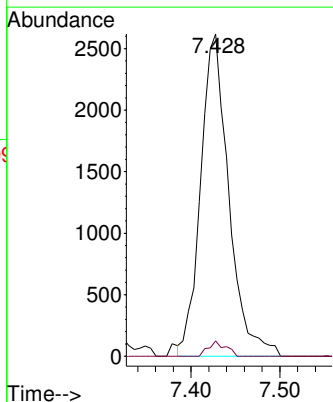
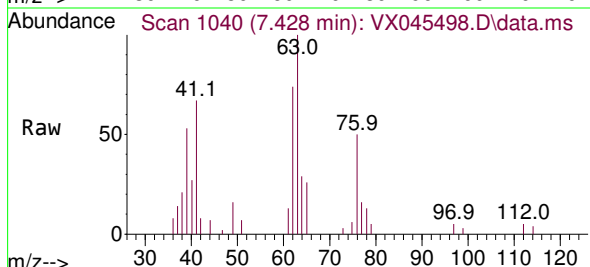
Manual Integrations
APPROVED

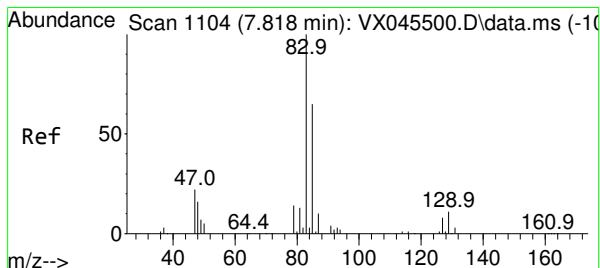
Reviewed By : John Carlone 04/01/2025
Supervised By : Mahesh Dadoda 04/03/2025



#37
1,2-Dichloropropane
Concen: 4.127 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 63 Resp: 5779
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





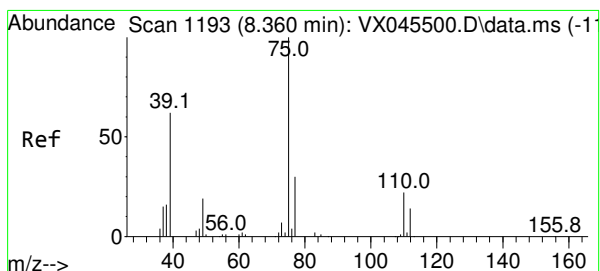
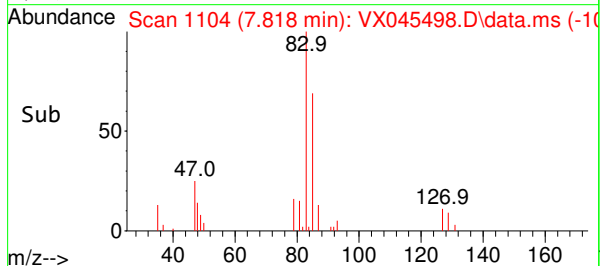
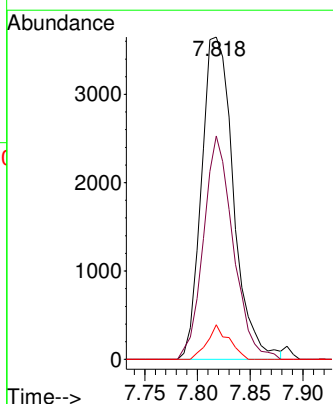
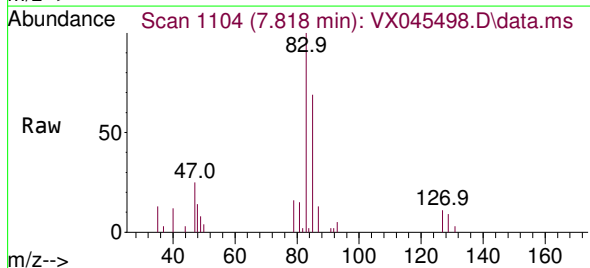
#38
Bromodichloromethane
Concen: 4.376 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion: 83 Resp: 769
Ion Ratio Lower Upper
83 100
85 69.3 43.8 81.3
127 10.7 6.5 9.7

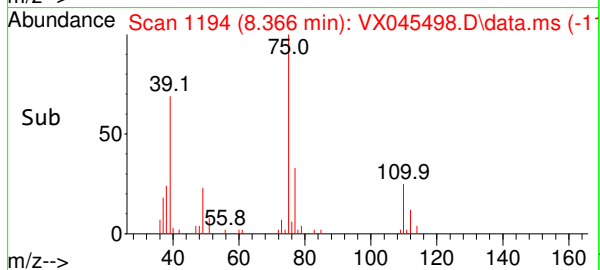
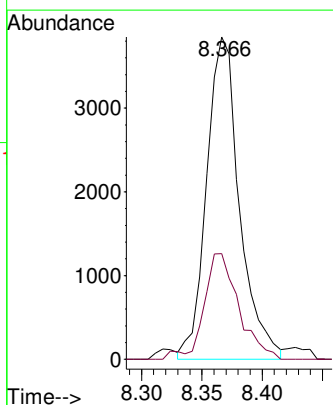
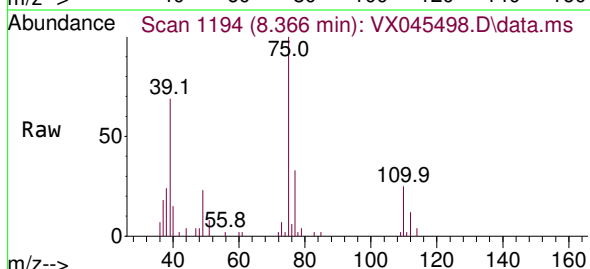
Manual Integrations
APPROVED

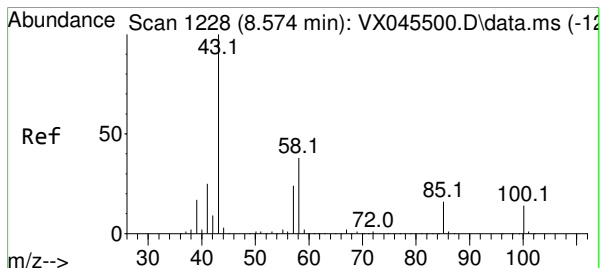
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#39
cis-1,3-Dichloropropene
Concen: 3.208 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 75 Resp: 7293
Ion Ratio Lower Upper
75 100
77 32.8 21.7 40.3





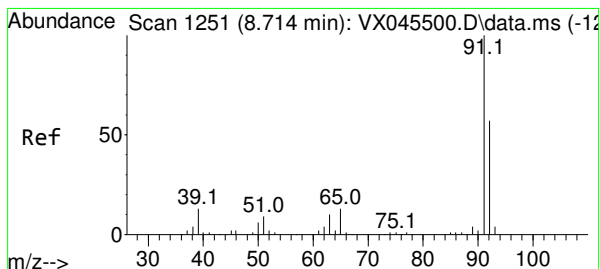
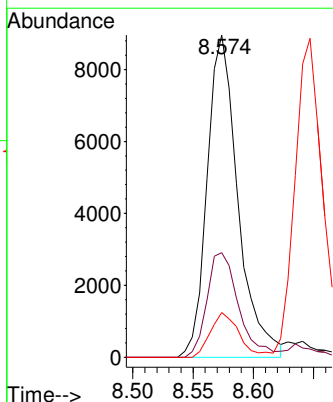
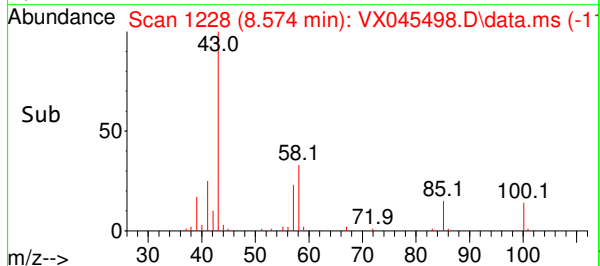
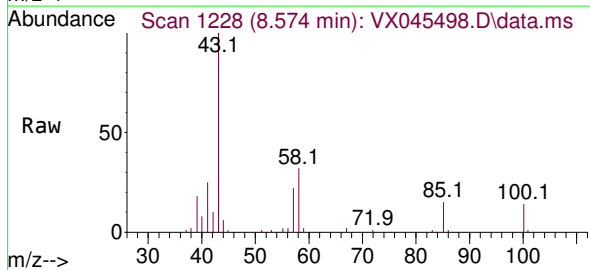
#40
4-Methyl-2-pentanone
Concen: 8.585 ug/L
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTD005667

Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 33.3 32.1 48.1
100 13.3 12.9 19.3

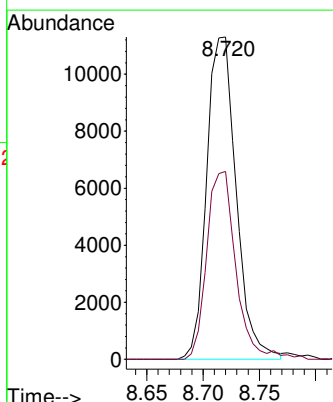
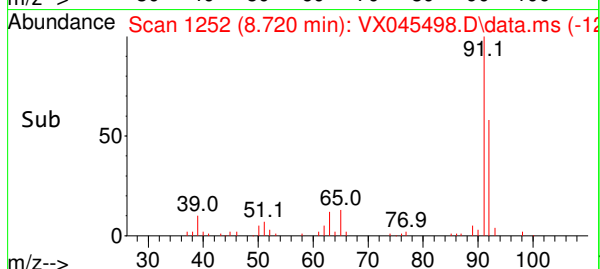
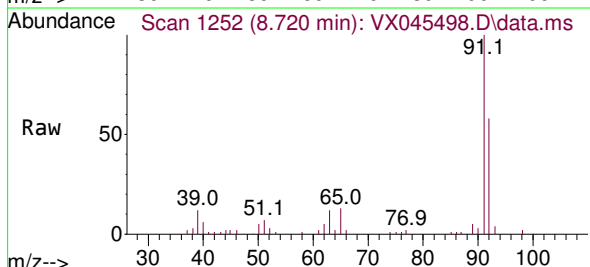
Manual Integrations
APPROVED

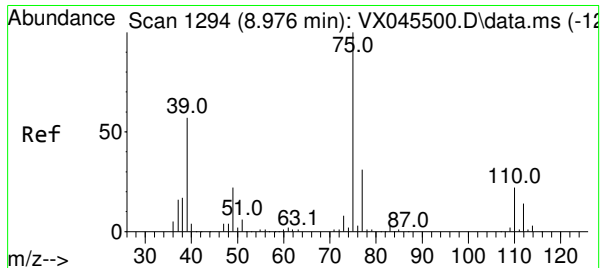
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#42
Toluene
Concen: 3.881 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 91 Resp: 20617
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.5





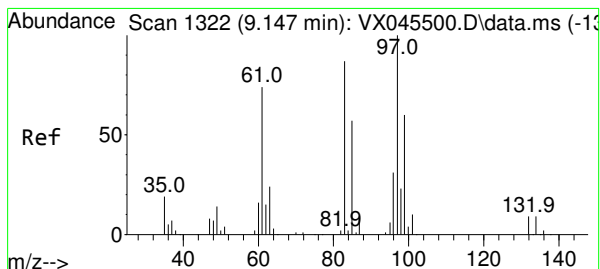
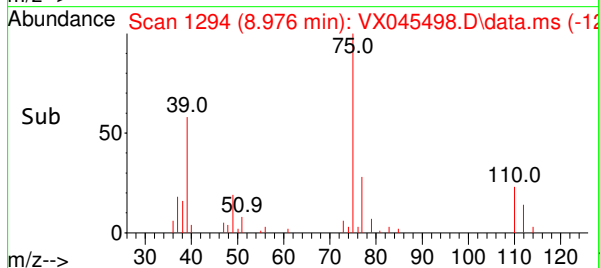
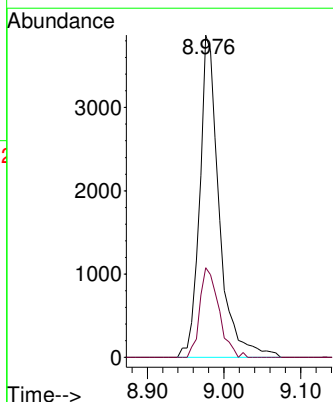
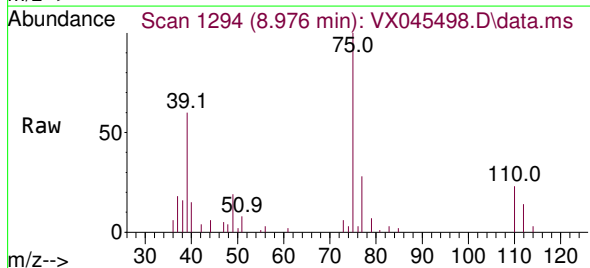
#44
trans-1,3-Dichloropropene
Concen: 3.353 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion: 75 Resp: 682
Ion Ratio Lower Upper
75 100
77 27.8 22.4 41.6

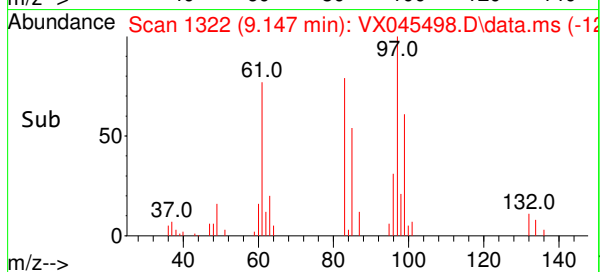
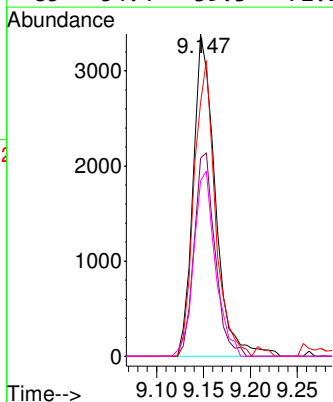
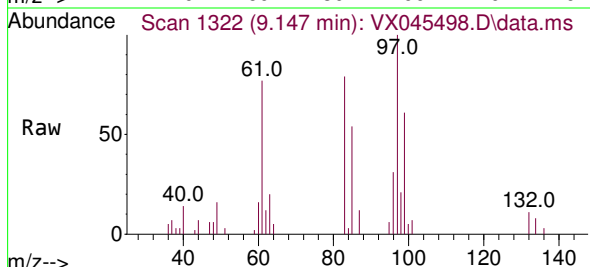
Manual Integrations
APPROVED

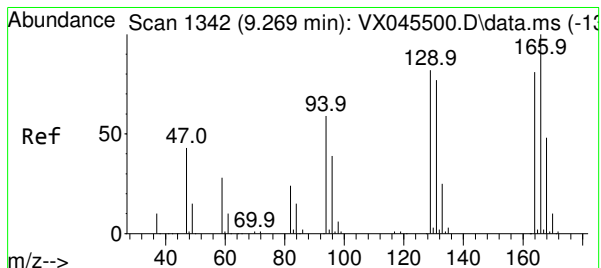
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#45
1,1,2-Trichloroethane
Concen: 4.263 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 97 Resp: 5572
Ion Ratio Lower Upper
97 100
99 61.5 44.8 83.2
83 78.7 60.8 113.0
85 54.4 39.3 72.9





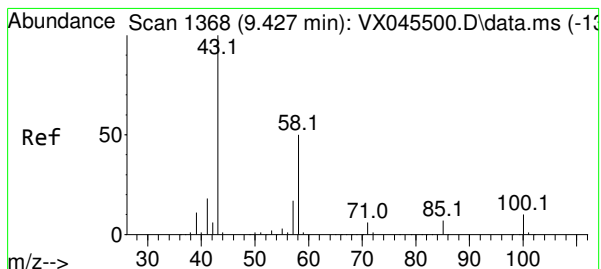
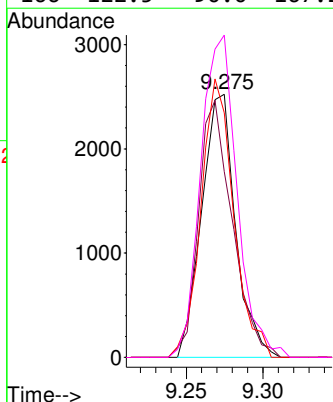
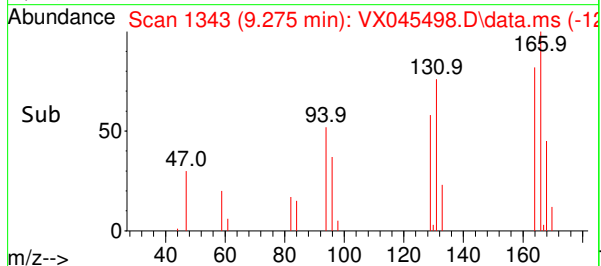
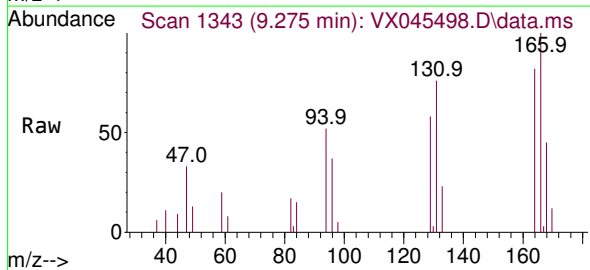
#46
Tetrachloroethene
Concen: 4.147 ug/L
RT: 9.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion	Ratio	Lower	Upper
164	100		
129	70.6	71.2	132.2
131	92.9	67.2	124.8
166	122.5	90.0	167.2

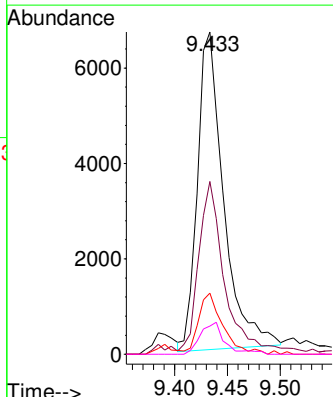
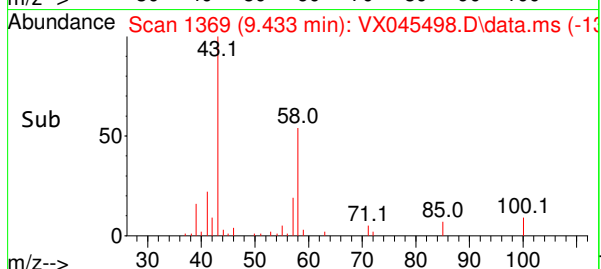
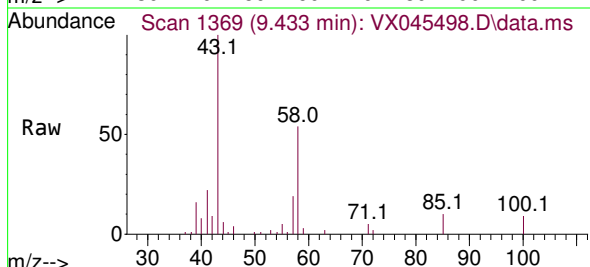
Manual Integrations
APPROVED

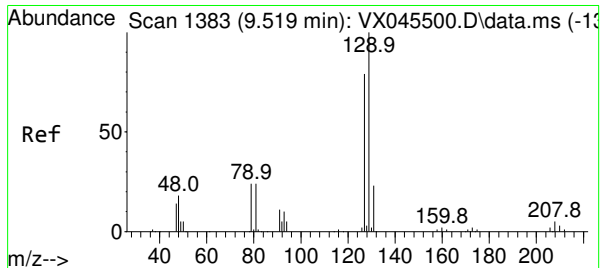
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#48
2-Hexanone
Concen: 8.703 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.7	44.3	66.5
57	17.2	15.9	23.9
100	8.8	10.1	15.1#





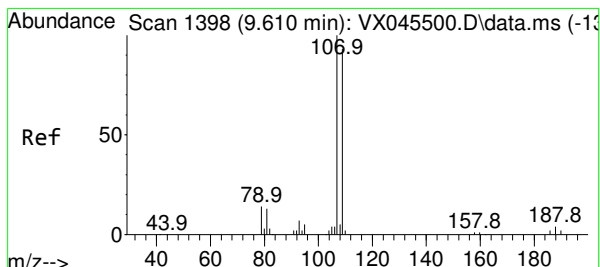
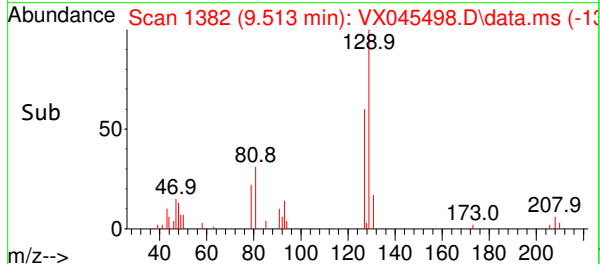
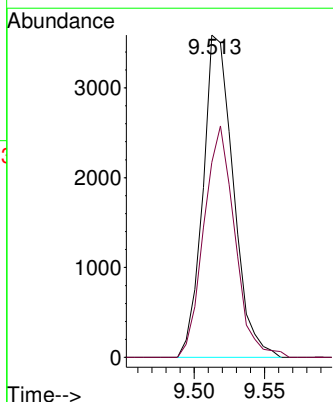
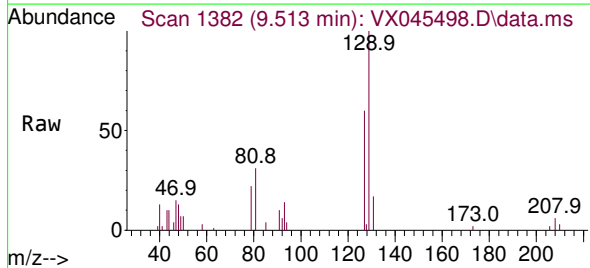
#49
Dibromochloromethane
Concen: 4.093 ug/L
RT: 9.513 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion:129 Resp: 539
Ion Ratio Lower Upper
129 100
127 60.4 53.6 99.6

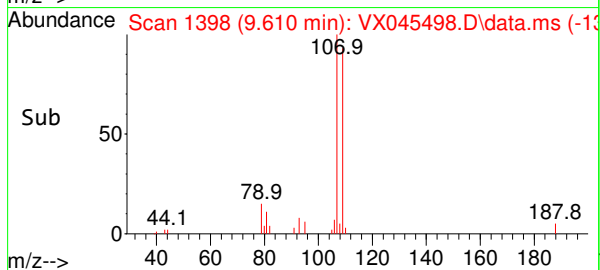
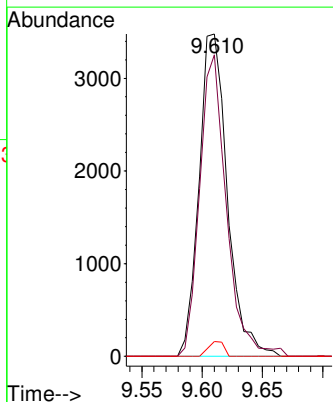
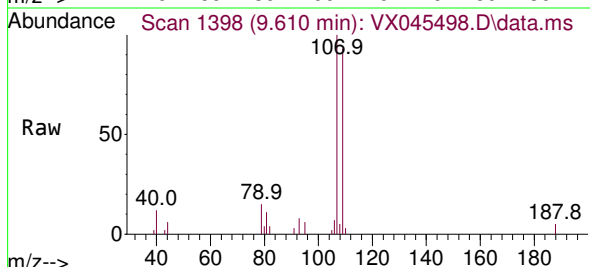
Manual Integrations
APPROVED

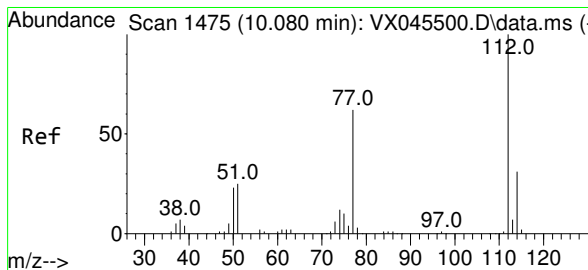
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#50
1,2-Dibromoethane
Concen: 4.151 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion:107 Resp: 5687
Ion Ratio Lower Upper
107 100
109 93.5 67.2 124.8
188 4.6 2.2 3.4#





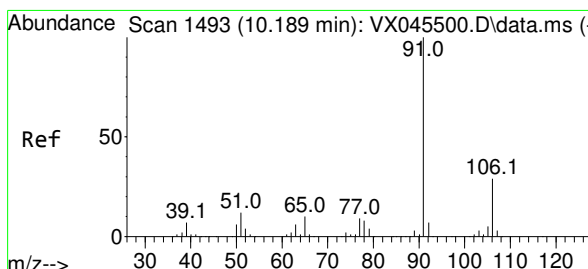
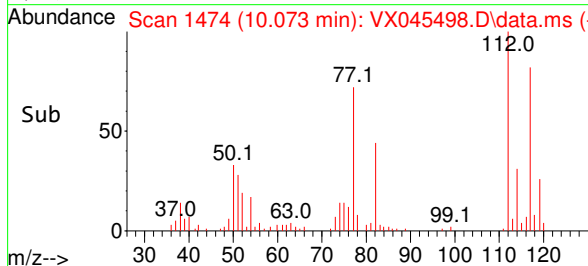
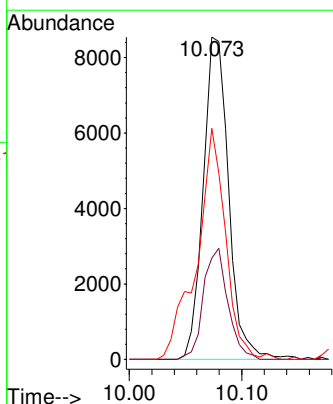
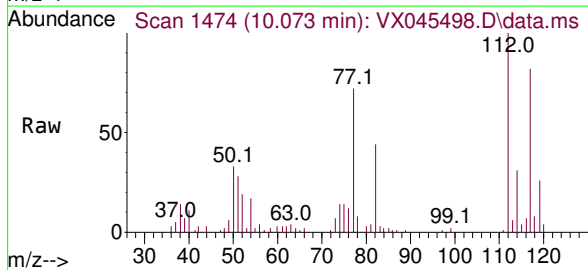
#51
Chlorobenzene
Concen: 4.048 ug/L
RT: 10.073 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion: 112 Resp: 1342
Ion Ratio Lower Upper
112 100
114 31.4 22.4 41.6
77 71.7 49.2 73.8

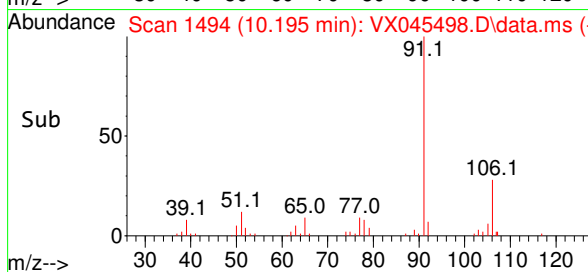
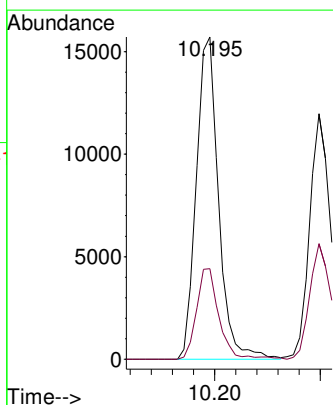
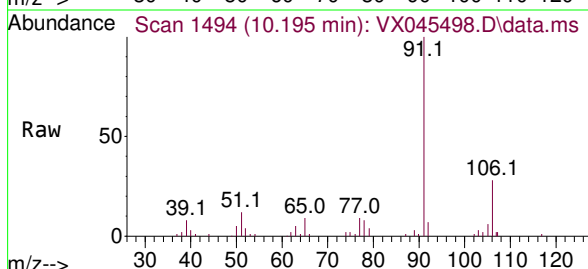
Manual Integrations
APPROVED

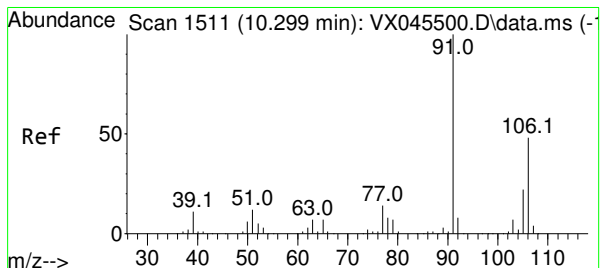
Reviewed By : John Carlone 04/01/2025
Supervised By : Mahesh Dadoda 04/03/2025



#52
Ethylbenzene
Concen: 3.961 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 91 Resp: 23001
Ion Ratio Lower Upper
91 100
106 28.1 21.1 39.3





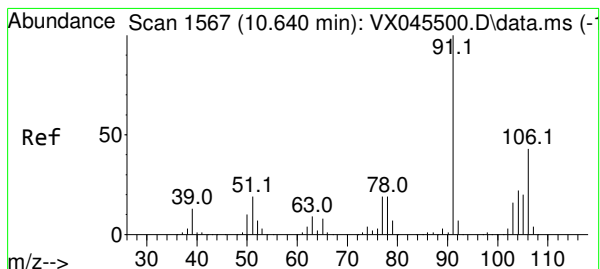
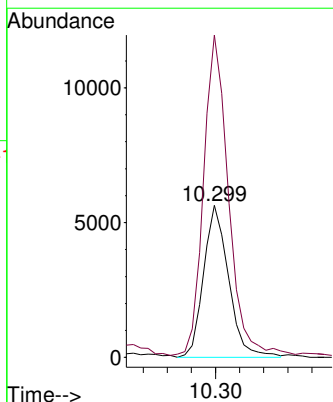
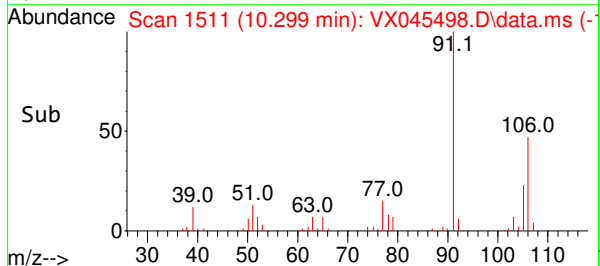
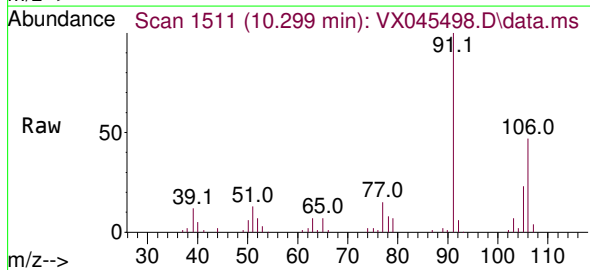
#53
m,p-Xylene
Concen: 3.731 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion:106 Resp: 813
Ion Ratio Lower Upper
106 100
91 212.1 145.2 269.6

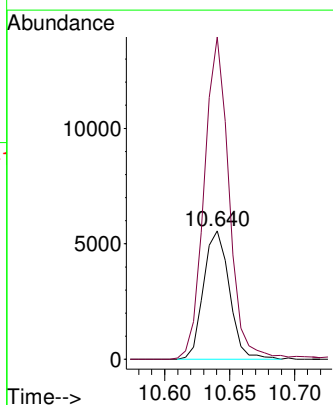
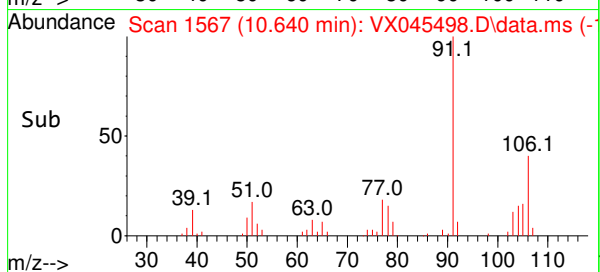
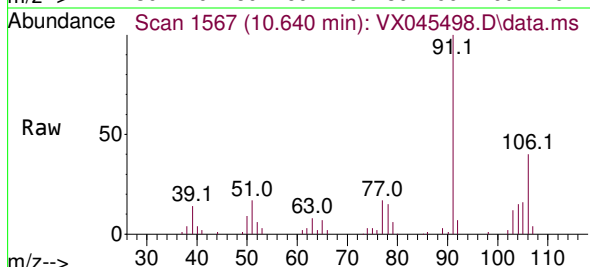
Manual Integrations
APPROVED

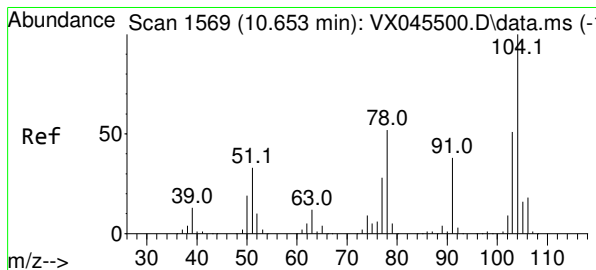
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#54
o-Xylene
Concen: 3.594 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion:106 Resp: 7722
Ion Ratio Lower Upper
106 100
91 251.1 153.2 284.4





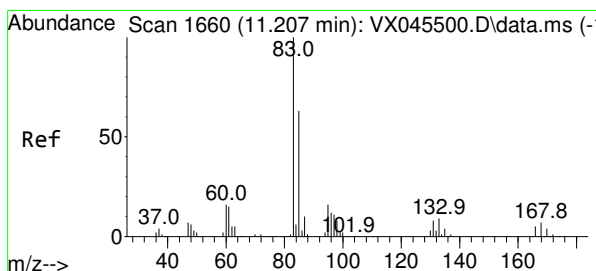
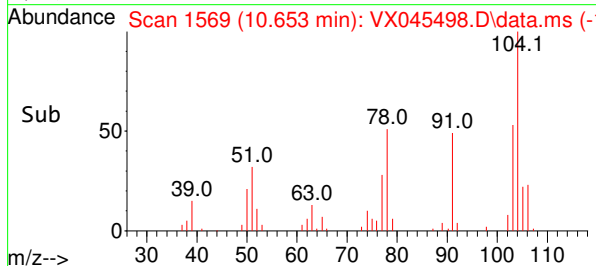
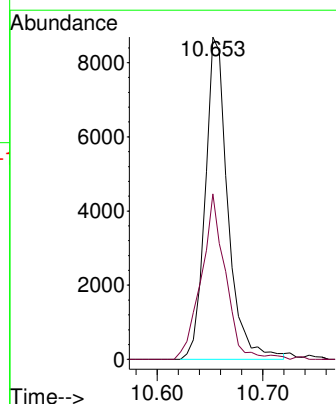
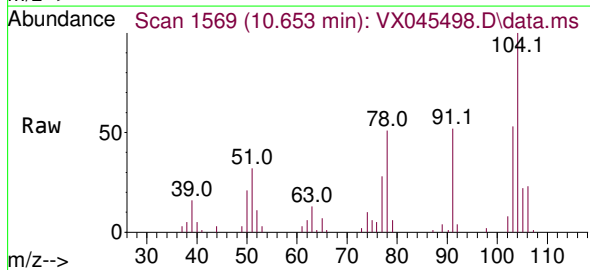
#55
Styrene
Concen: 3.662 ug/L
RT: 10.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion: 104 Resp: 1298
Ion Ratio Lower Upper
104 100
78 51.3 32.7 60.7

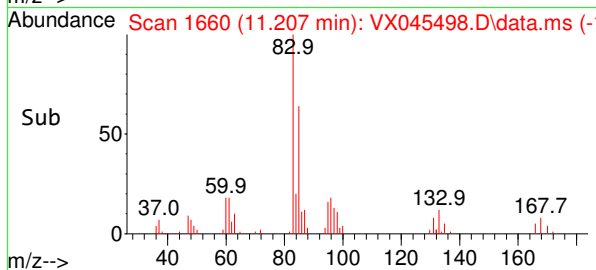
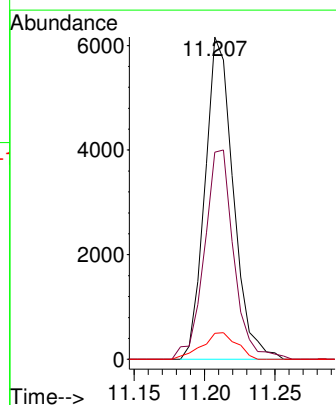
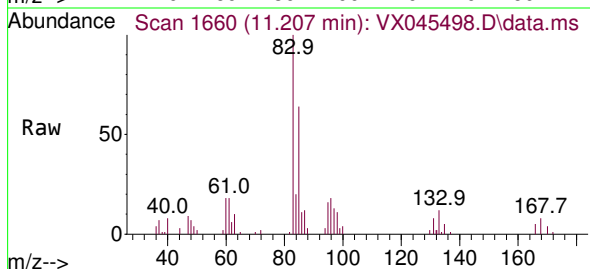
Manual Integrations
APPROVED

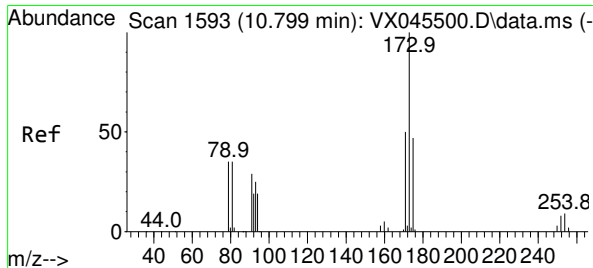
Reviewed By : John Carlone 04/01/2025
Supervised By : Mahesh Dadoda 04/03/2025



#57
1,1,2,2-Tetrachloroethane
Concen: 4.254 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion: 83 Resp: 8627
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5
131 8.1 8.0 12.0





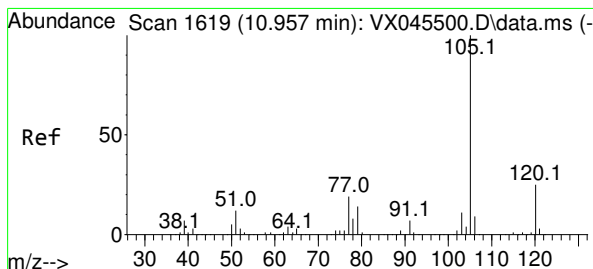
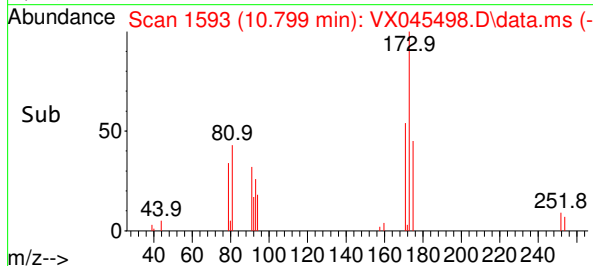
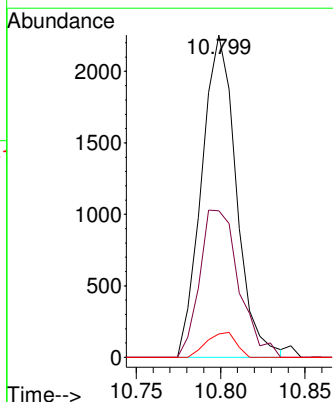
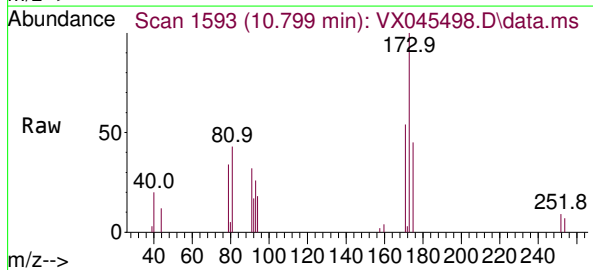
#59
Bromoform
Concen: 3.543 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion:173 Resp: 322
Ion Ratio Lower Upper
173 100
175 51.7 38.6 58.0
254 6.6 6.6 10.0

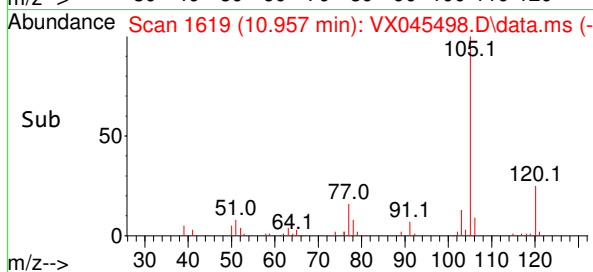
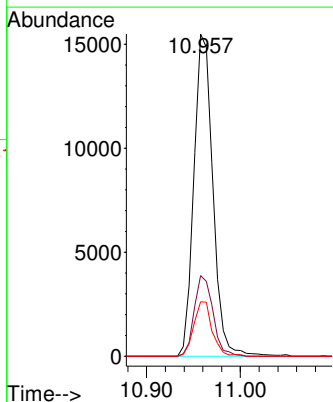
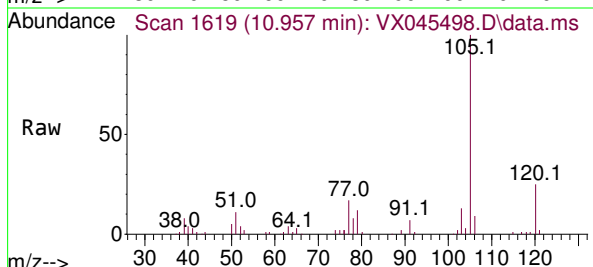
Manual Integrations
APPROVED

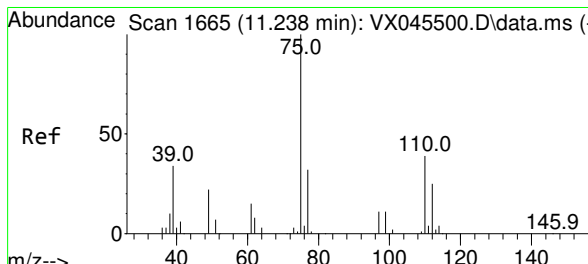
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#60
Isopropylbenzene
Concen: 3.971 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion:105 Resp: 21921
Ion Ratio Lower Upper
105 100
120 24.6 20.9 31.3
77 16.2 12.6 19.0





#61
 1,2,3-Trichloropropane
 Concen: 4.663 ug/L
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045498.D
 Acq: 28 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

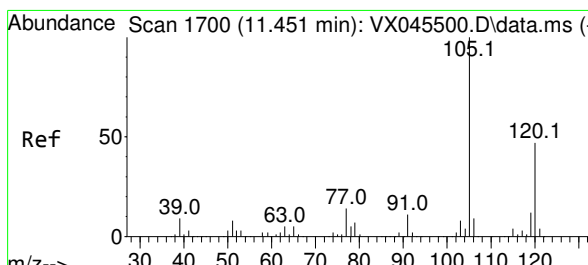
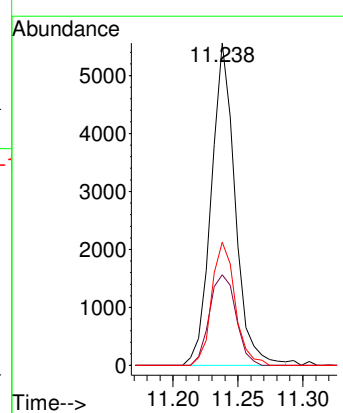
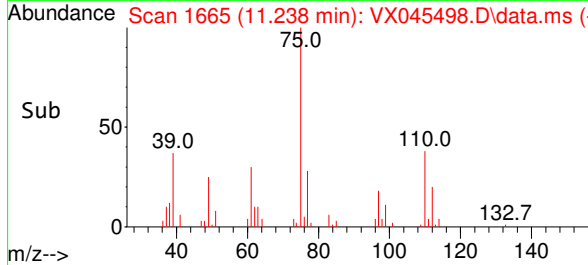
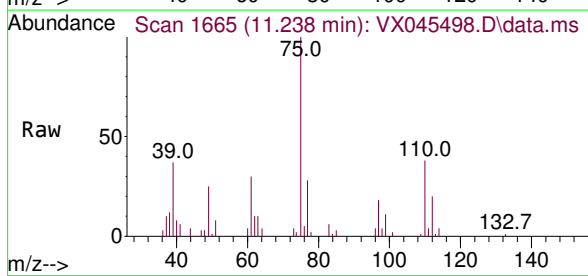
VSTD005667

Tgt Ion:	75	Resp:	707
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.6
110	37.5	30.8	46.2

Manual Integrations

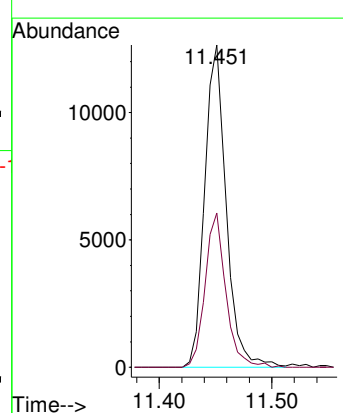
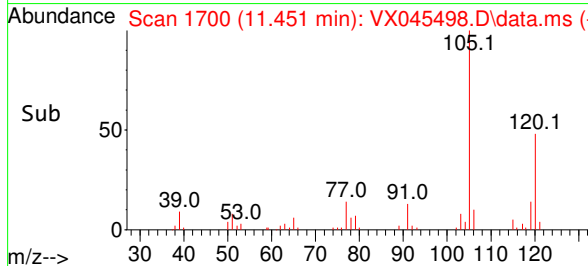
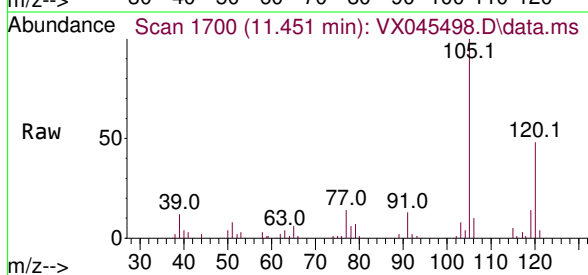
APPROVED

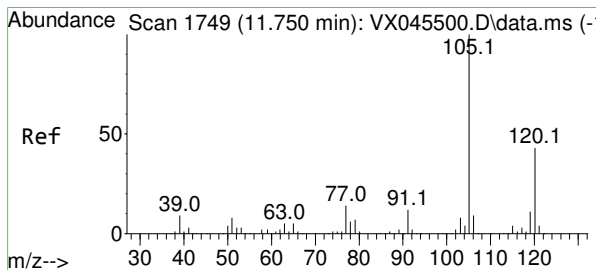
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#62
 1,3,5-Trimethylbenzene
 Concen: 3.719 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX045498.D
 Acq: 28 Mar 2025 09:59

Tgt Ion:	105	Resp:	16845
Ion	Ratio	Lower	Upper
105	100		
120	45.8	38.3	57.5





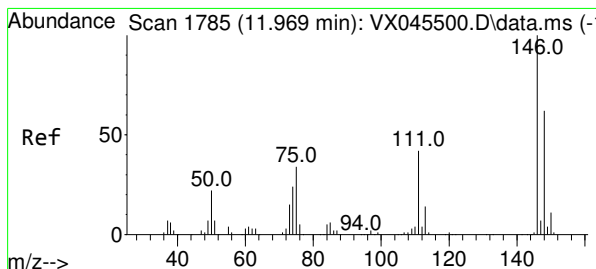
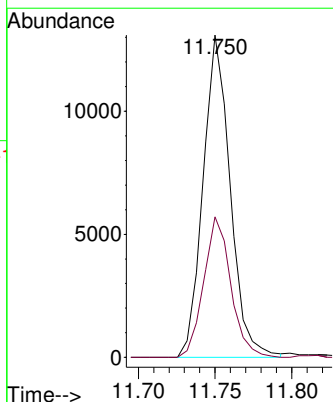
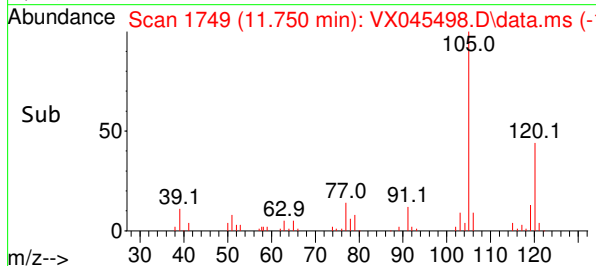
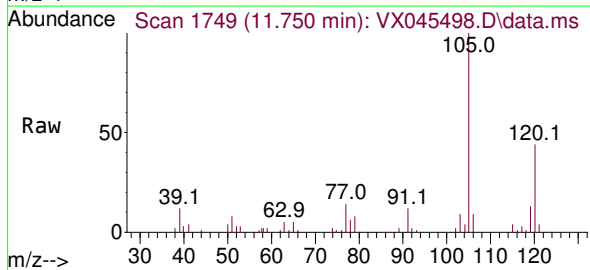
#63
1,2,4-Trimethylbenzene
Concen: 3.595 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion:105 Resp: 1612
Ion Ratio Lower Upper
105 100
120 43.5 35.7 53.5

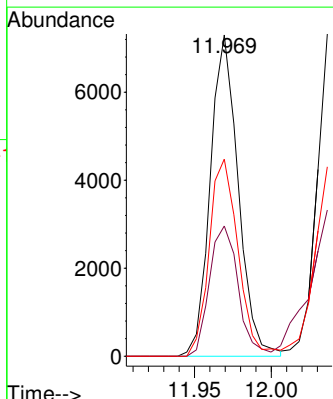
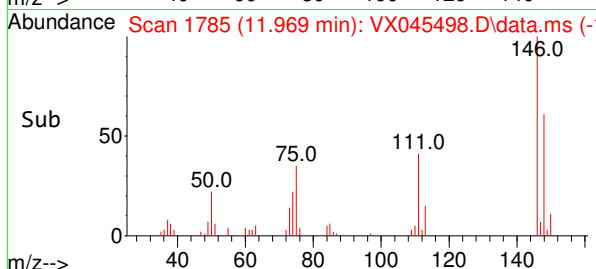
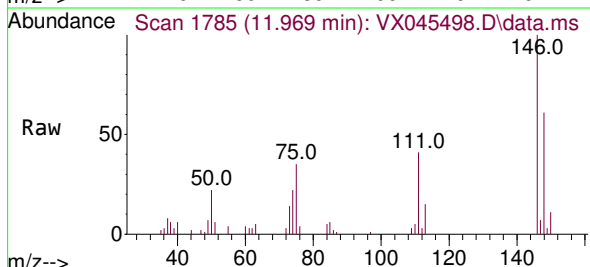
Manual Integrations
APPROVED

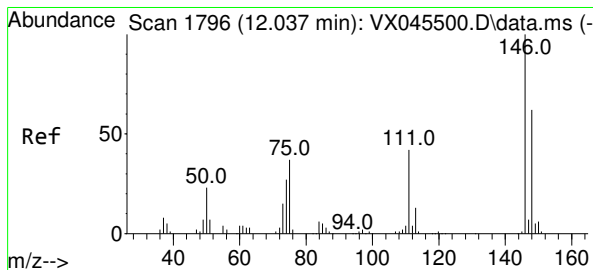
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#64
1,3-Dichlorobenzene
Concen: 4.070 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion:146 Resp: 9236
Ion Ratio Lower Upper
146 100
111 40.5 29.5 54.9
148 61.3 44.4 82.5





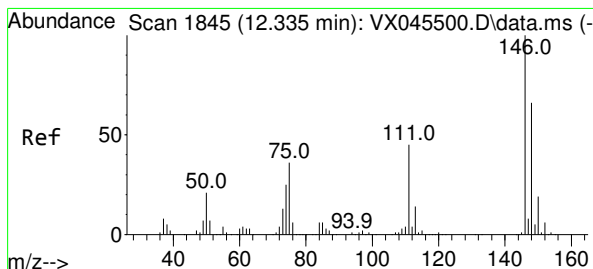
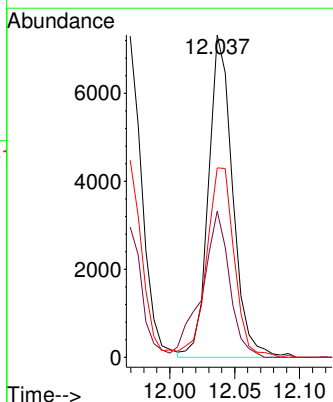
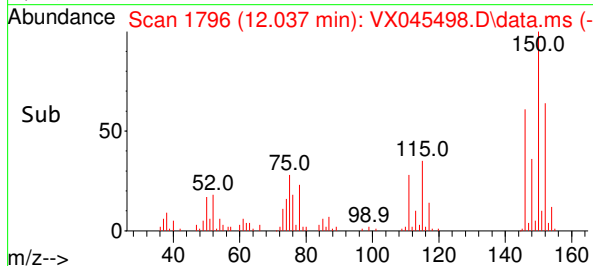
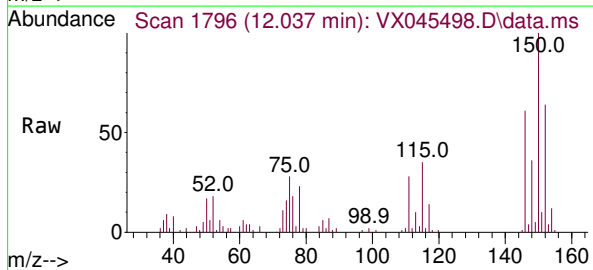
#65
 1,4-Dichlorobenzene
 Concen: 4.208 ug/L
 RT: 12.037 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: VX045498.D
 Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
 ClientSampleId : VSTD005667

Tgt Ion:	146	Resp:	950
Ion	Ratio	Lower	Upper
146	100		
111	45.3	29.7	55.1
148	58.8	43.5	80.7

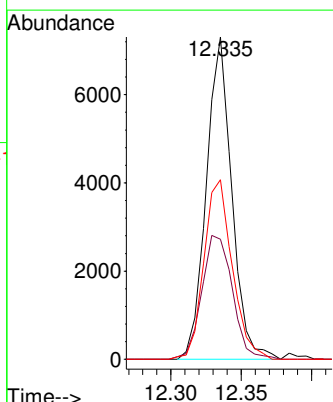
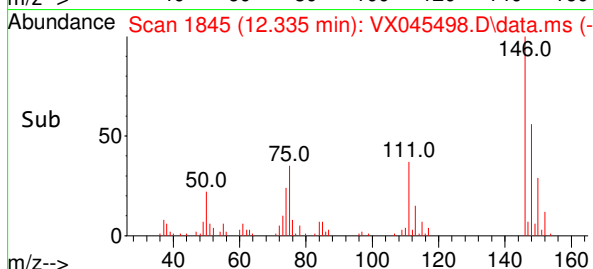
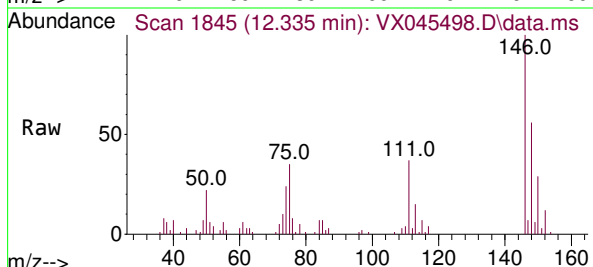
Manual Integrations
 APPROVED

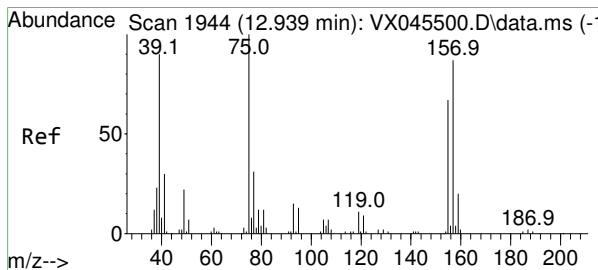
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#67
 1,2-Dichlorobenzene
 Concen: 4.097 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX045498.D
 Acq: 28 Mar 2025 09:59

Tgt Ion:	146	Resp:	9219
Ion	Ratio	Lower	Upper
146	100		
111	37.2	36.1	54.1
148	55.7	51.5	77.3





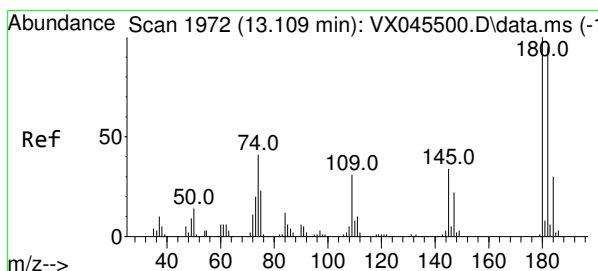
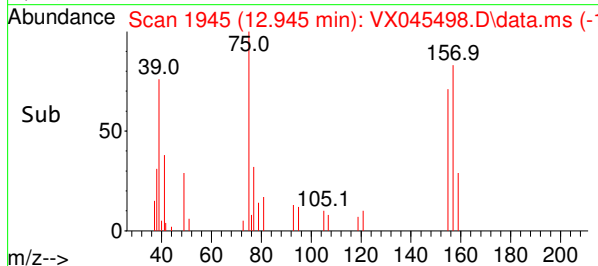
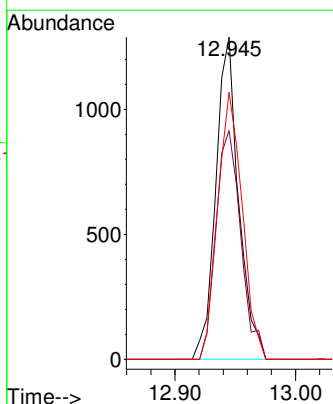
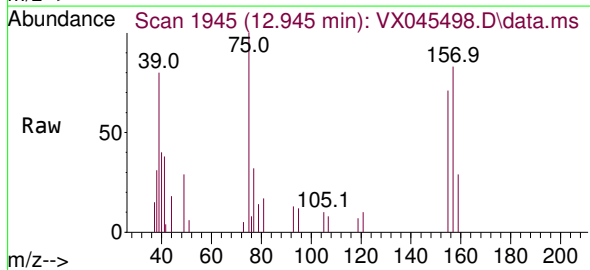
#68
1,2-Dibromo-3-chloropropane
Concen: 4.096 ug/L
RT: 12.945 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTD005667

Tgt Ion: 75 Resp: 169
Ion Ratio Lower Upper
75 100
155 71.0 62.5 93.7
157 82.9 83.5 125.3

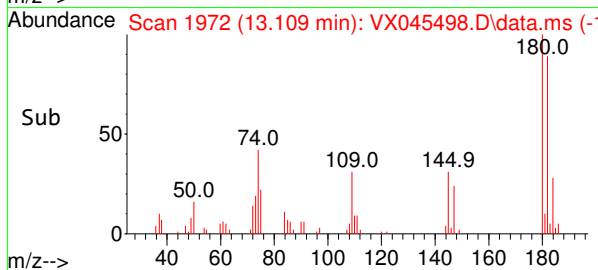
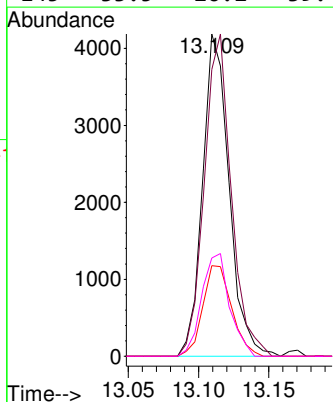
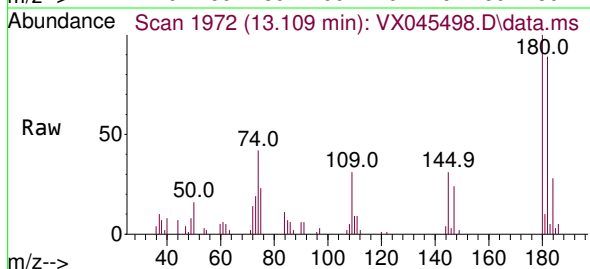
Manual Integrations
APPROVED

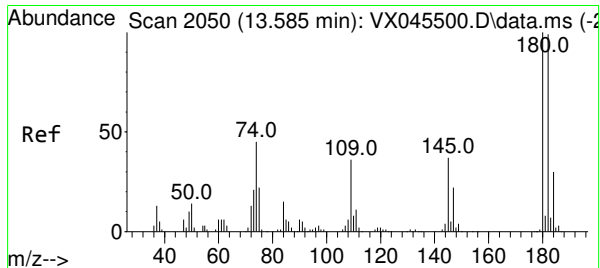
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#69
1,3,5-Trichlorobenzene
Concen: 3.699 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion:180 Resp: 5501
Ion Ratio Lower Upper
180 100
182 101.3 77.0 115.6
184 30.6 24.0 36.0
145 33.5 26.2 39.4





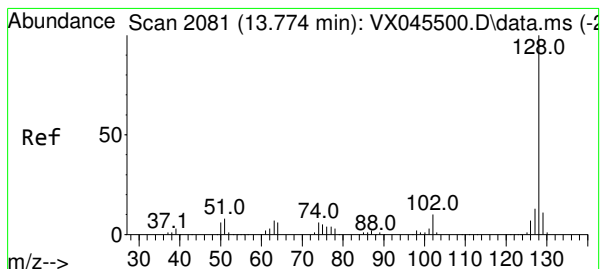
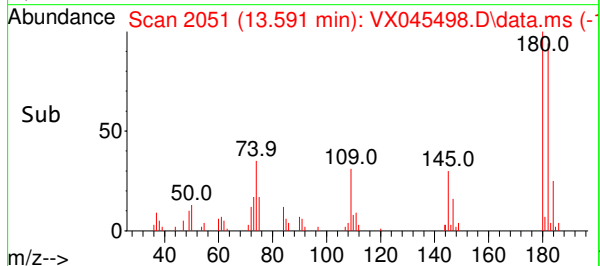
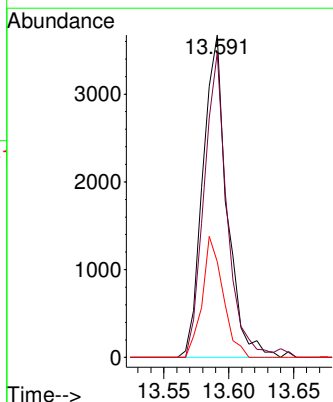
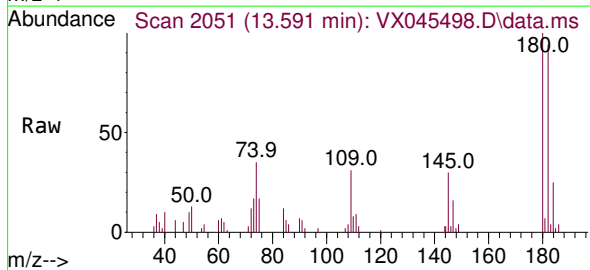
#70
1,2,4-trichlorobenzene
Concen: 3.561 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Instrument : MSVOA_X
ClientSampleId : VSTD005667

Tgt Ion:	180	Resp:	477
Ion	Ratio	Lower	Upper
180	100		
182	89.8	76.5	114.7
145	32.2	27.0	40.4

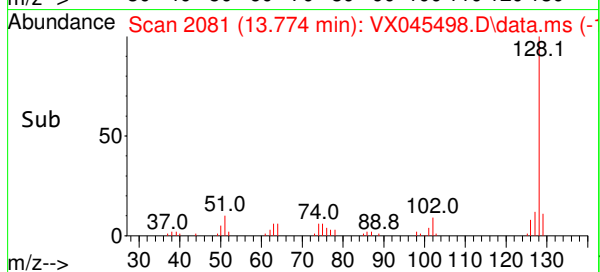
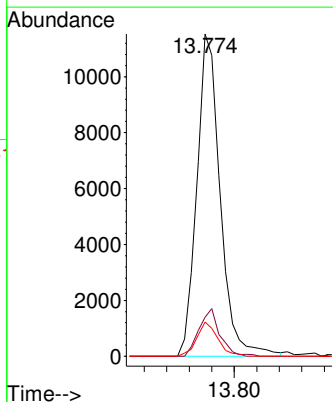
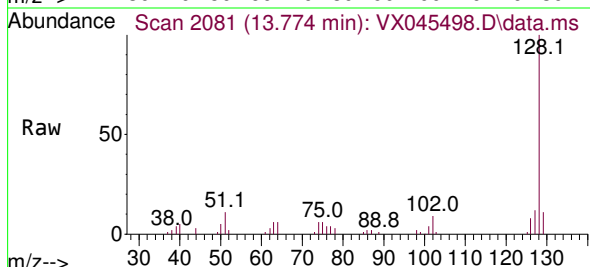
Manual Integrations
APPROVED

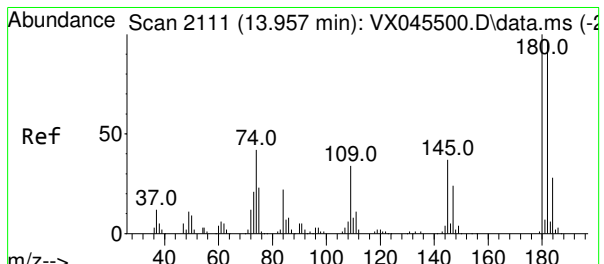
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/03/2025



#71
Naphthalene
Concen: 3.207 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045498.D
Acq: 28 Mar 2025 09:59

Tgt Ion:	128	Resp:	16678
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	9.6	8.7	13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 3.473 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX045498.D
 Acq: 28 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTD005667

Tgt Ion:	180	Resp:	472
Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.1	115.7
145	35.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/03/2025

