

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
 Data File : VX045504.D
 Acq On : 28 Mar 2025 12:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV072

Quant Time: Mar 31 10:19:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 28 14:43:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	185643	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	168107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	79143	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75319	54.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.520%	
7) Chloroethane-d5	1.654	69	54786	60.245	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	= 120.500%	
11) 1,1-Dichloroethene-d2	2.294	65	41046	56.748	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.500%	
21) 2-Butanone-d5	4.452	46	103994	112.604	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	= 112.600%	
24) Chloroform-d	5.044	84	169655	55.070	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.140%	
26) 1,2-Dichloroethane-d4	5.940	65	114587	53.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.340%	
32) Benzene-d6	5.964	84	305974	56.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.280%	
36) 1,2-Dichloropropane-d6	7.299	67	96002	54.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.400%	
41) Toluene-d8	8.641	98	271688	55.207	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.420%	
43) trans-1,3-Dichloroprop...	8.945	79	42691	59.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 118.480%	
47) 2-Hexanone-d5	9.378	63	78004	116.535	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 116.530%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	129373	55.532	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 111.060%	
66) 1,2-Dichlorobenzene-d4	12.317	152	91086	54.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111902	56.391	ug/L	100
3) Chloromethane	1.307	50	95541	54.537	ug/L	98
5) Vinyl chloride	1.374	62	86858	53.311	ug/L	99
6) Bromomethane	1.593	94	39433	54.130	ug/L	98
8) Chloroethane	1.672	64	45983	56.463	ug/L	95
9) Trichlorofluoromethane	1.880	101	128955	57.624	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	80202	56.252	ug/L	97
12) 1,1-Dichloroethene	2.313	96	70643	55.502	ug/L	84
13) Acetone	2.380	43	106619	121.841	ug/L	93
14) Carbon disulfide	2.502	76	191745	58.465	ug/L	100
15) Methyl Acetate	2.697	43	92960	53.496	ug/L	95
16) Methylene chloride	2.782	84	77866	52.802	ug/L	89
17) trans-1,2-Dichloroethene	3.087	96	71285	56.017	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	249932	56.582	ug/L	96
19) 1,1-Dichloroethane	3.599	63	147886	55.691	ug/L	100
20) cis-1,2-Dichloroethene	4.477	96	82087	56.013	ug/L	89
22) 2-Butanone	4.550	43	136383	107.407	ug/L	96
23) Bromochloromethane	4.885	128	39770	54.843	ug/L	89
25) Chloroform	5.080	83	153942	55.297	ug/L	98

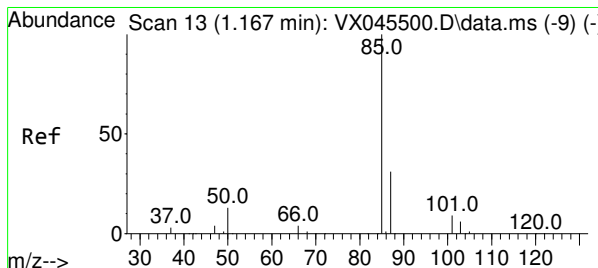
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
 Data File : VX045504.D
 Acq On : 28 Mar 2025 12:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV072

Quant Time: Mar 31 10:19:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 28 14:43:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	132377	55.360	ug/L	98
29) Cyclohexane	5.458	56	145309	57.018	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	129525	56.183	ug/L	95
31) Carbon tetrachloride	5.666	117	112843	56.438	ug/L	99
33) Benzene	6.025	78	304602	55.212	ug/L	100
34) Trichloroethene	7.117	95	82967	56.533	ug/L	97
35) Methylcyclohexane	7.373	83	135569	57.892	ug/L	96
37) 1,2-Dichloropropane	7.421	63	82647	55.256	ug/L	99
38) Bromodichloromethane	7.818	83	113116	55.061	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	133793	61.078	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	258654	112.946	ug/L	93
42) Toluene	8.714	91	317910	56.163	ug/L	100
44) trans-1,3-Dichloropropene	8.970	75	119865	58.734	ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	78351	54.534	ug/L	99
46) Tetrachloroethene	9.269	164	56267	55.970	ug/L	98
48) 2-Hexanone	9.427	43	199810	115.744	ug/L	93
49) Dibromochloromethane	9.519	129	80973	56.490	ug/L	99
50) 1,2-Dibromoethane	9.604	107	80841	54.085	ug/L	98
51) Chlorobenzene	10.073	112	198108	55.784	ug/L	98
52) Ethylbenzene	10.189	91	360668	56.606	ug/L	99
53) m,p-Xylene	10.299	106	130159	56.352	ug/L	94
54) o-Xylene	10.640	106	129222	56.956	ug/L	99
55) Styrene	10.653	104	219490	57.807	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	124552	55.156	ug/L	99
59) Bromoform	10.799	173	53811	53.850	ug/L	99
60) Isopropylbenzene	10.957	105	351018	54.359	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	100347	51.997	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	295539	55.955	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	294245	56.756	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	145957	55.637	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	145004	55.430	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	142018	54.426	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	27102	52.230	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	95036	57.224	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	82289	56.186	ug/L	99
71) Naphthalene	13.774	128	299202	54.014	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	83914	55.746	ug/L	99

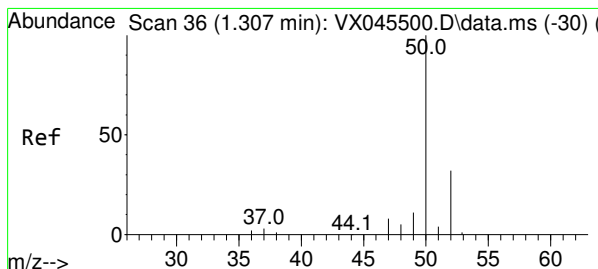
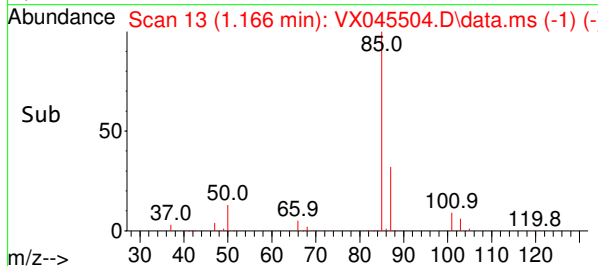
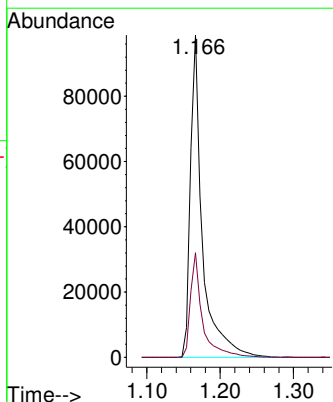
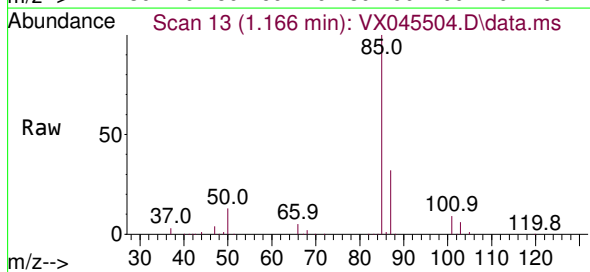
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 56.391 ug/L
RT: 1.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

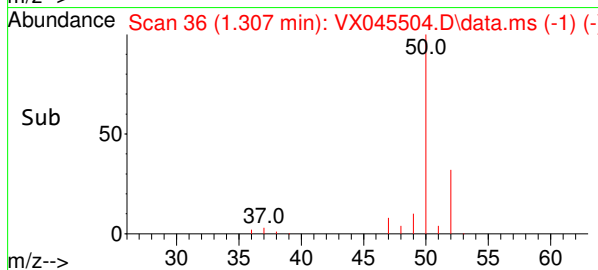
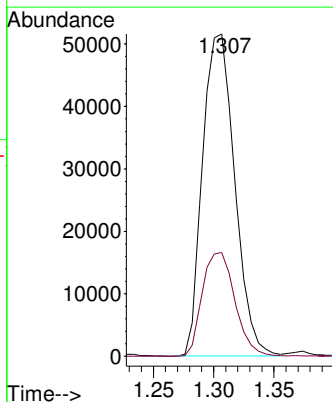
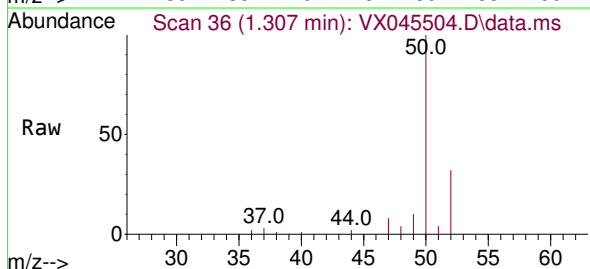
Instrument :
MSVOA_X
ClientSampleId :
VICV072

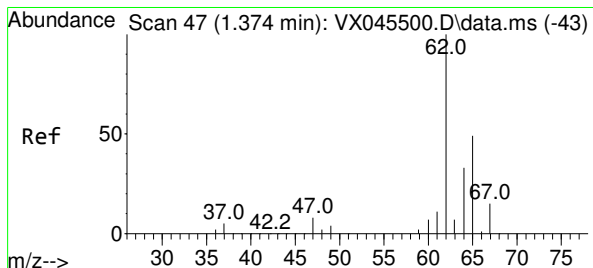
Tgt Ion: 85 Resp: 111902
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 54.537 ug/L
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion: 50 Resp: 95541
Ion Ratio Lower Upper
50 100
52 32.2 23.3 43.3

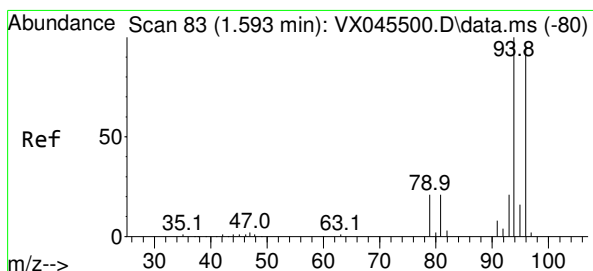
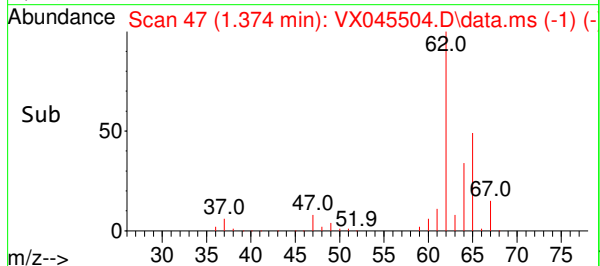
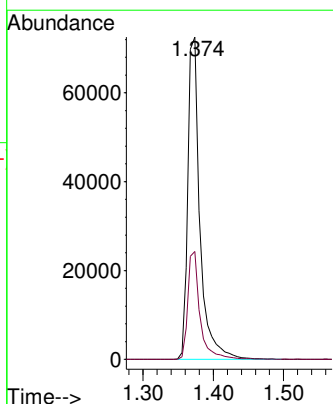
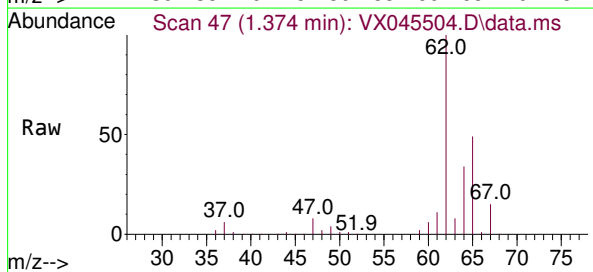




#5
 Vinyl chloride
 Concen: 53.311 ug/L
 RT: 1.374 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

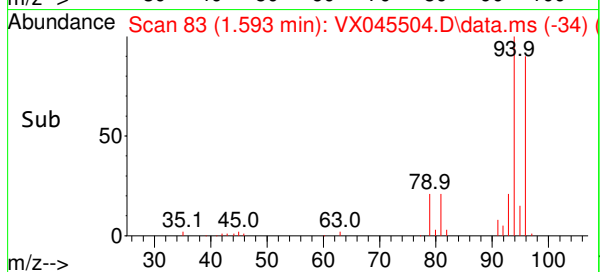
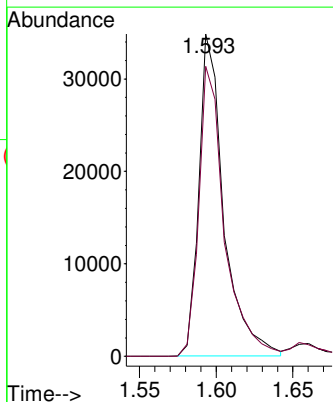
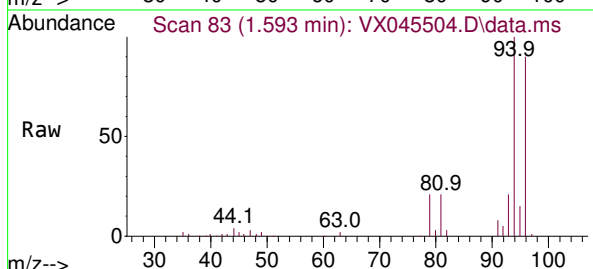
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV072

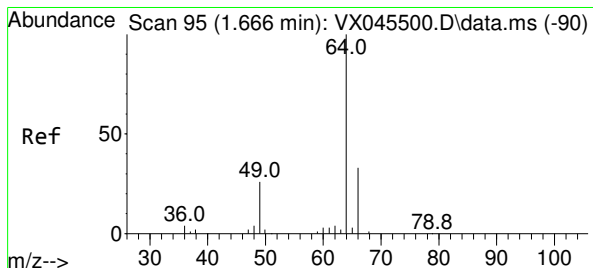
Tgt Ion: 62 Resp: 86858
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.7 44.1



#6
 Bromomethane
 Concen: 54.130 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

Tgt Ion: 94 Resp: 39433
 Ion Ratio Lower Upper
 94 100
 96 89.9 64.3 119.3

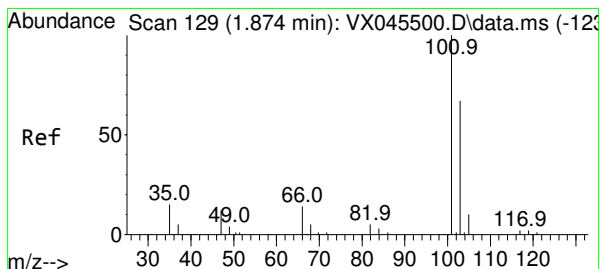
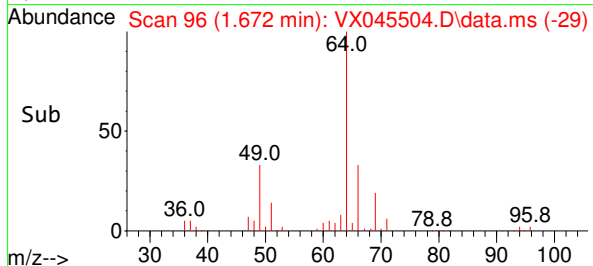
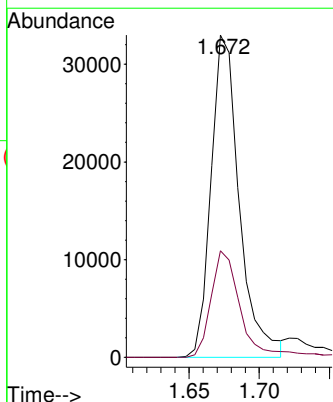
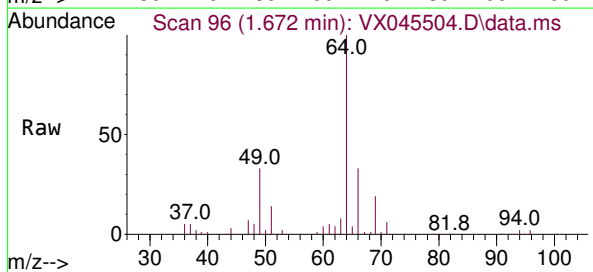




#8
Chloroethane
Concen: 56.463 ug/L
RT: 1.672 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

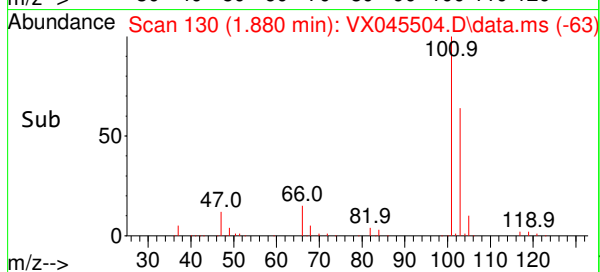
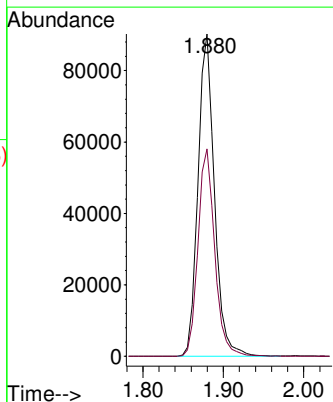
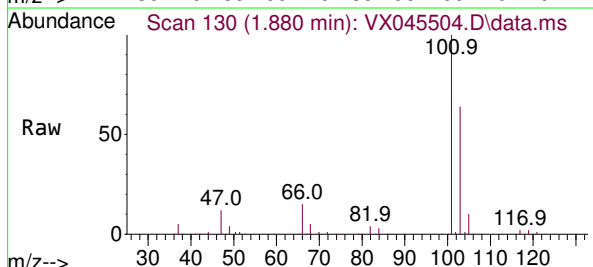
Instrument :
MSVOA_X
ClientSampleId :
VICV072

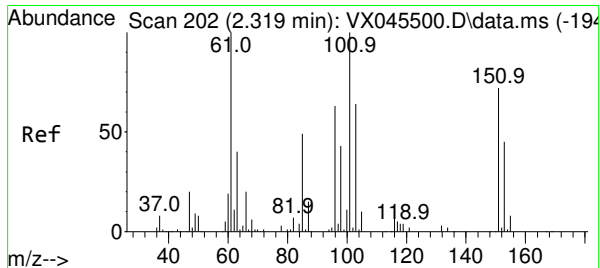
Tgt Ion: 64 Resp: 45983
Ion Ratio Lower Upper
64 100
66 33.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 57.624 ug/L
RT: 1.880 min Scan# 130
Delta R.T. 0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion:101 Resp: 128955
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.2

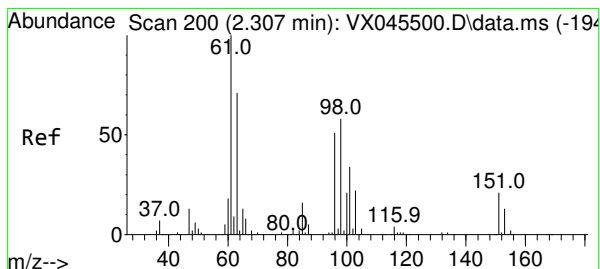
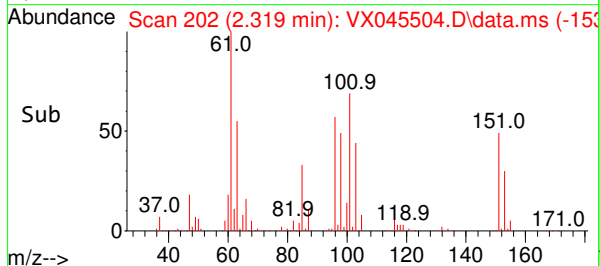
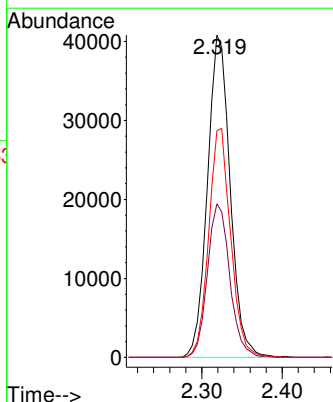
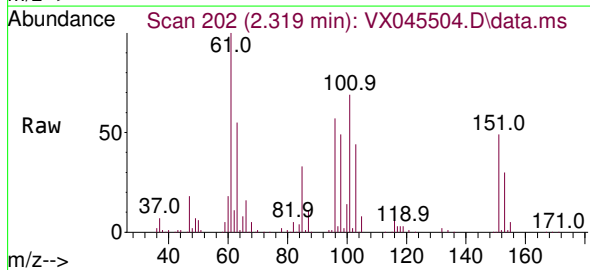




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 56.252 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

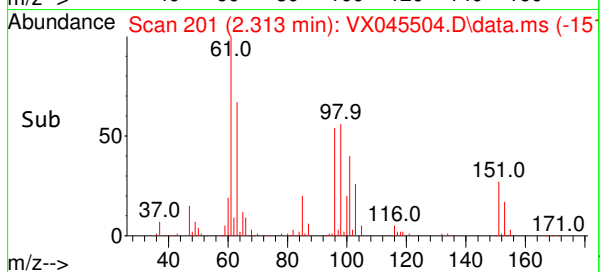
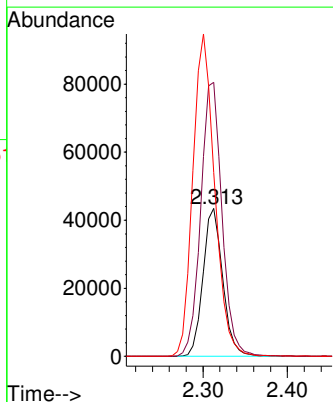
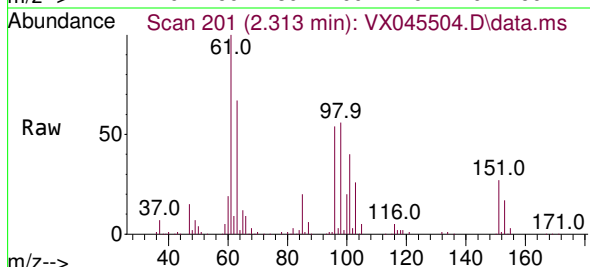
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV072

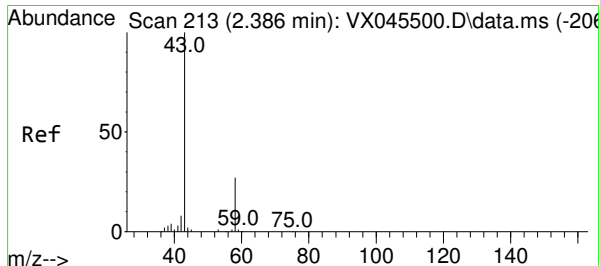
Tgt Ion:	101	Resp:	80202
Ion	Ratio	Lower	Upper
101	100		
85	46.7	35.4	53.0
151	68.6	57.0	85.4



#12
 1,1-Dichloroethene
 Concen: 55.502 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

Tgt Ion:	96	Resp:	70643
Ion	Ratio	Lower	Upper
96	100		
61	185.2	115.1	213.8
63	124.3	74.1	137.5

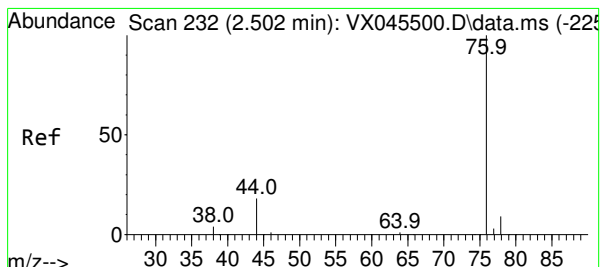
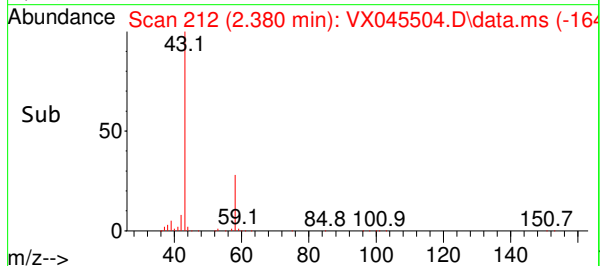
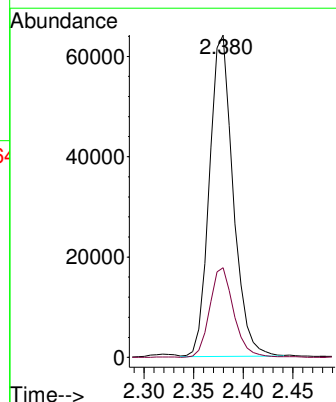
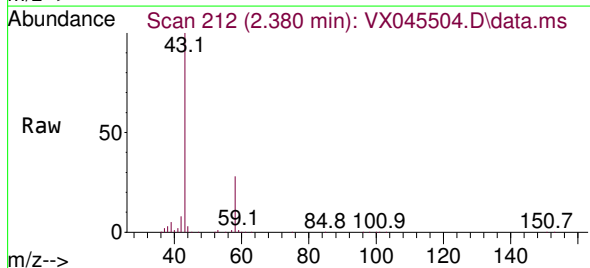




#13
Acetone
Concen: 121.841 ug/L
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

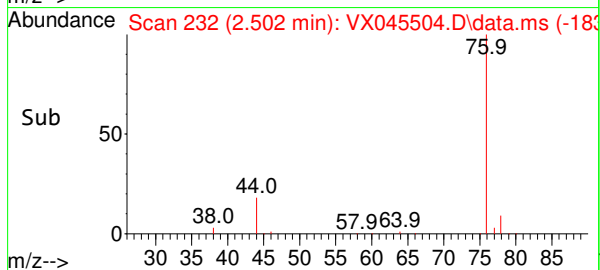
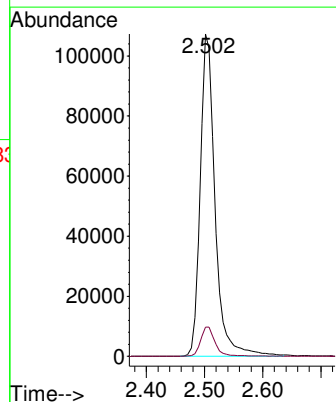
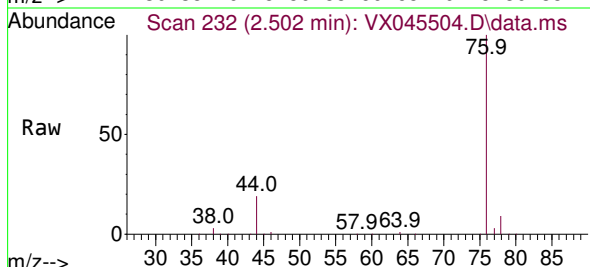
Instrument :
MSVOA_X
ClientSampleId :
VICV072

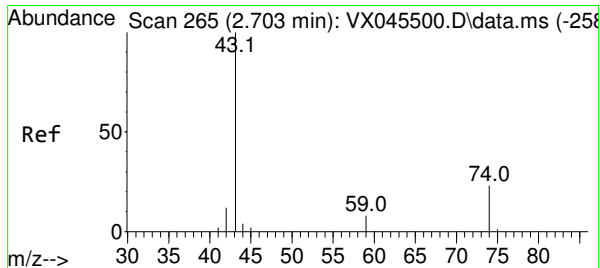
Tgt Ion: 43 Resp: 106619
Ion Ratio Lower Upper
43 100
58 28.3 0.0 64.6



#14
Carbon disulfide
Concen: 58.465 ug/L
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion: 76 Resp: 191745
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

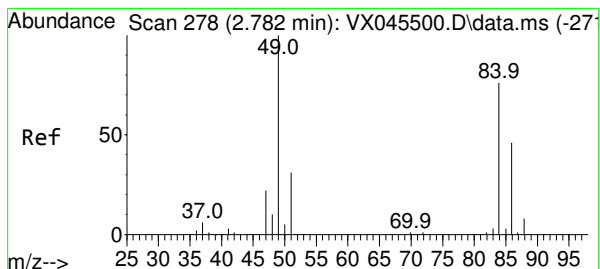
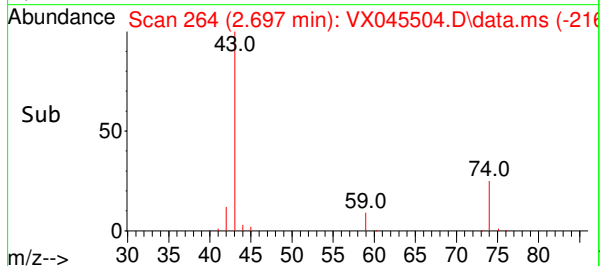
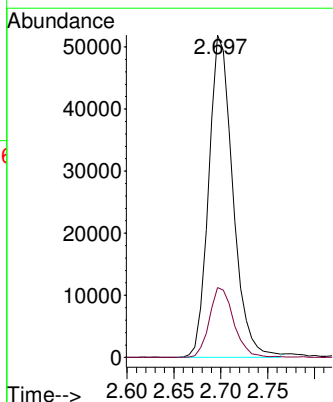
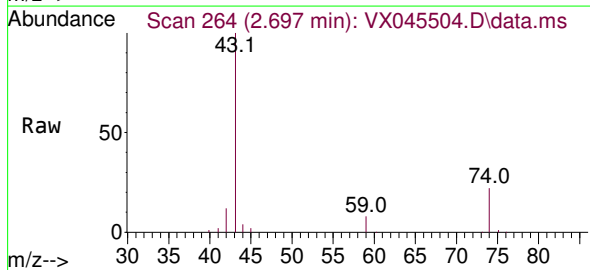




#15
Methyl Acetate
Concen: 53.496 ug/L
RT: 2.697 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

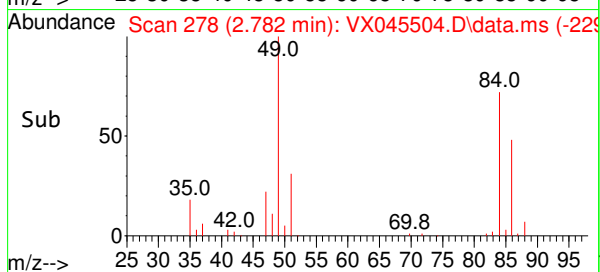
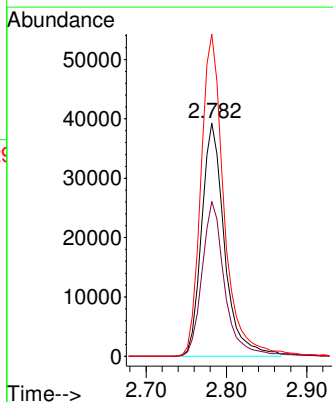
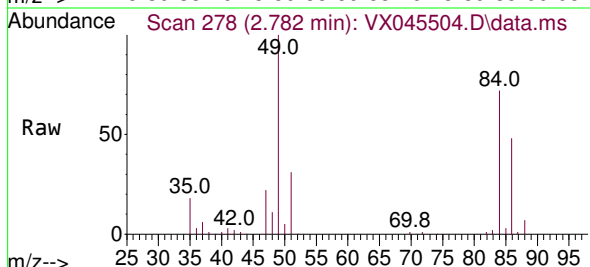
Instrument :
MSVOA_X
ClientSampleId :
VICV072

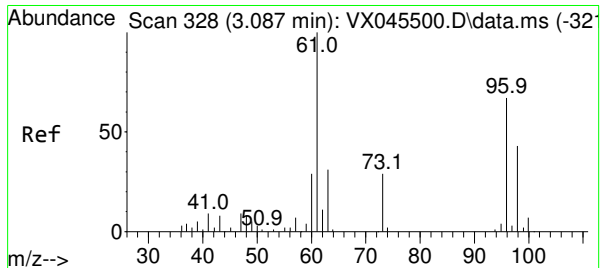
Tgt Ion: 43 Resp: 92960
Ion Ratio Lower Upper
43 100
74 21.9 19.7 29.5



#16
Methylene chloride
Concen: 52.802 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion: 84 Resp: 77866
Ion Ratio Lower Upper
84 100
86 66.3 45.6 84.8
49 138.1 84.6 157.0

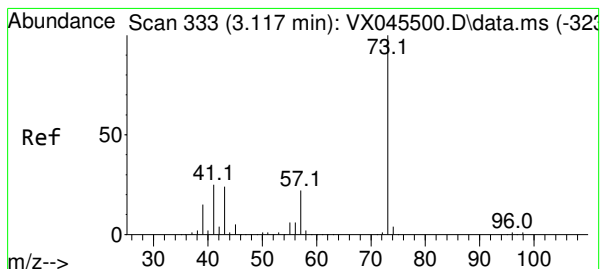
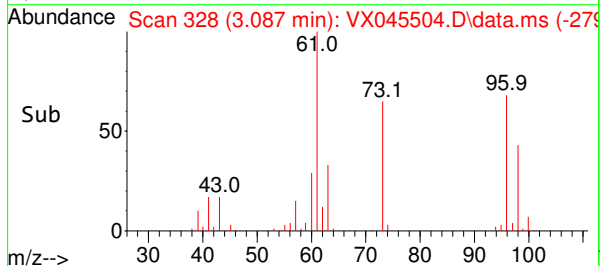
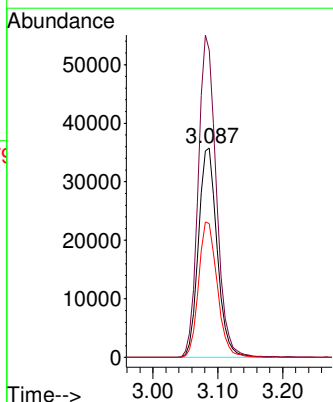
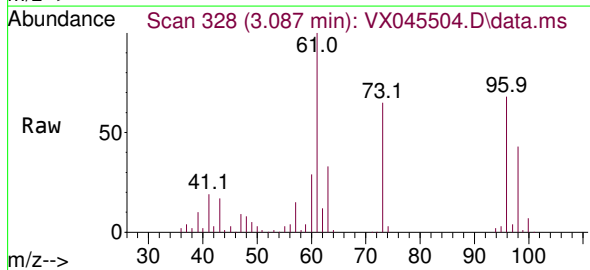




#17
trans-1,2-Dichloroethene
Concen: 56.017 ug/L
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

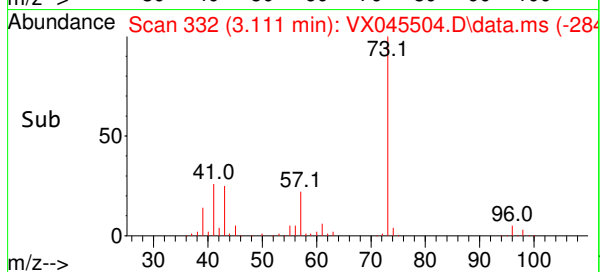
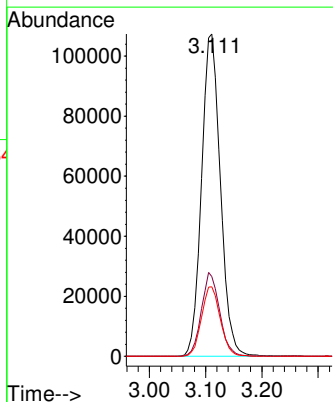
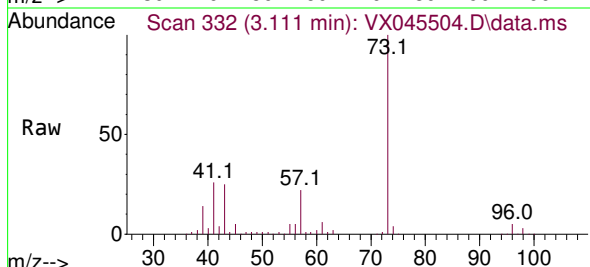
Instrument :
MSVOA_X
ClientSampleId :
VICV072

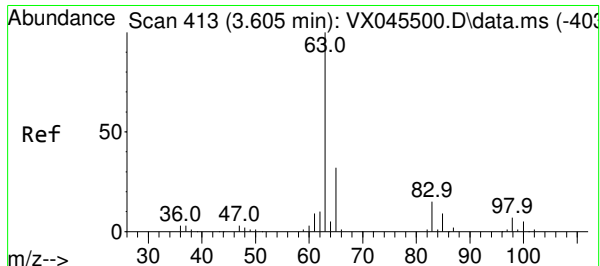
Tgt Ion:	96	Resp:	71285
Ion	Ratio	Lower	Upper
96	100		
61	146.8	98.3	182.7
98	63.9	44.1	81.9



#18
Methyl tert-butyl Ether
Concen: 56.582 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion:	73	Resp:	249932
Ion	Ratio	Lower	Upper
73	100		
43	25.1	16.9	25.3
57	21.6	17.4	26.0

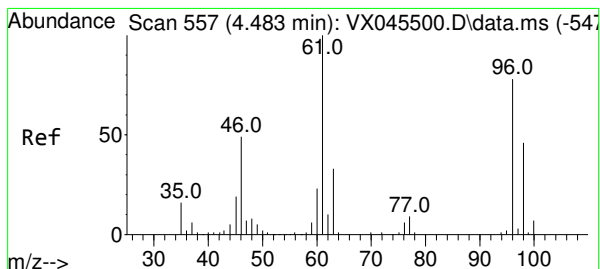
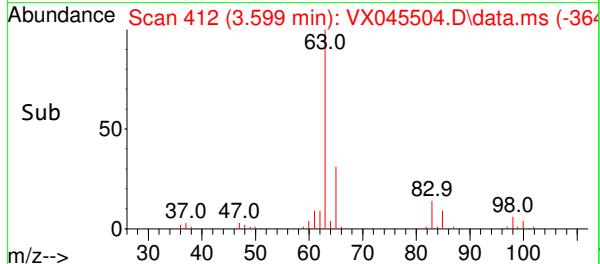
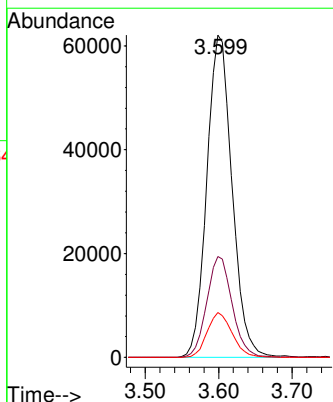
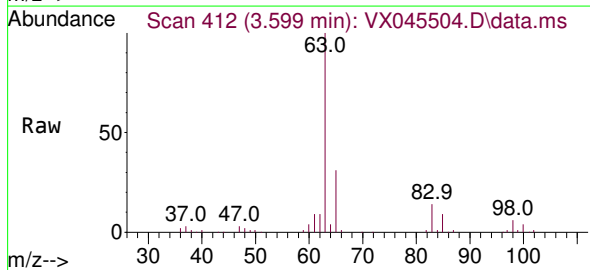




#19
1,1-Dichloroethane
Concen: 55.691 ug/L
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

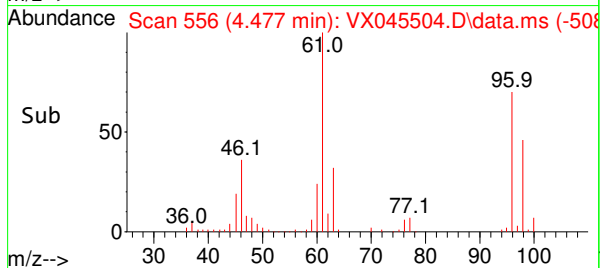
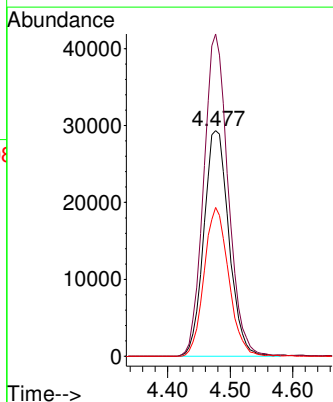
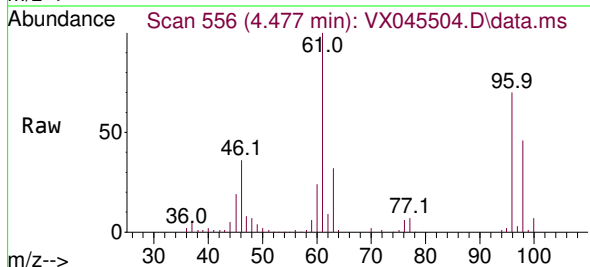
Instrument :
MSVOA_X
ClientSampleId :
VICV072

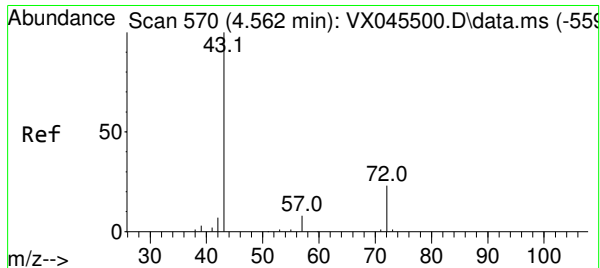
Tgt Ion:	63	Resp:	147886
Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.8	40.6
83	13.9	9.4	17.4



#20
cis-1,2-Dichloroethene
Concen: 56.013 ug/L
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion:	96	Resp:	82087
Ion	Ratio	Lower	Upper
96	100		
61	142.8	88.3	163.9
98	65.9	44.6	82.8

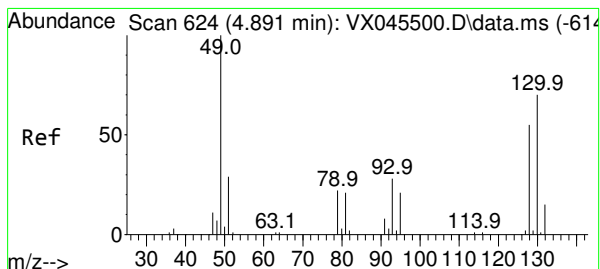
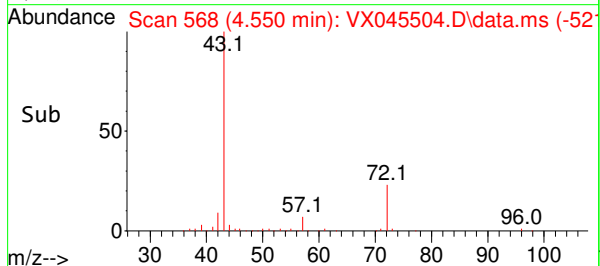
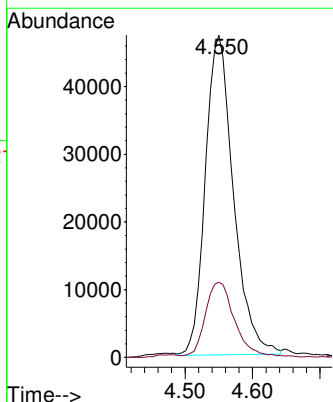
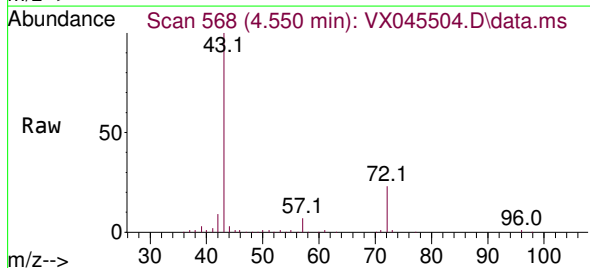




#22
2-Butanone
Concen: 107.407 ug/L
RT: 4.550 min Scan# 511
Delta R.T. -0.012 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

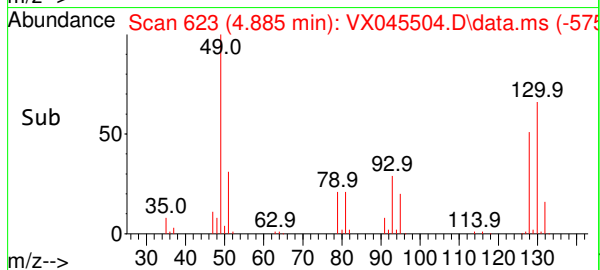
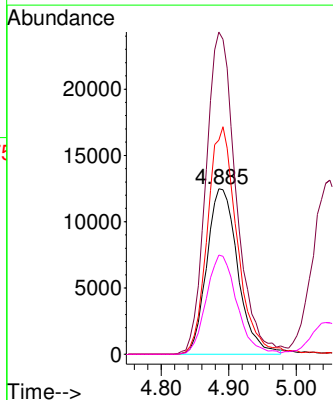
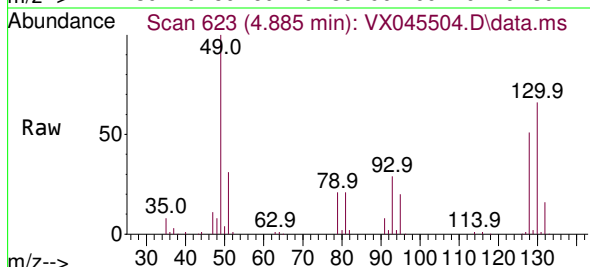
Instrument :
MSVOA_X
ClientSampleId :
VICV072

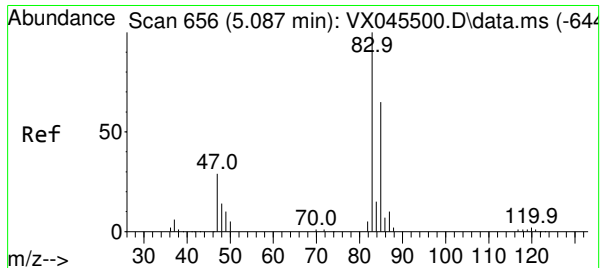
Tgt Ion: 43 Resp: 136383
Ion Ratio Lower Upper
43 100
72 24.7 13.4 40.2



#23
Bromochloromethane
Concen: 54.843 ug/L
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion: 128 Resp: 39770
Ion Ratio Lower Upper
128 100
49 194.9 117.6 218.4
130 129.4 92.0 170.9
51 60.0 44.2 66.4

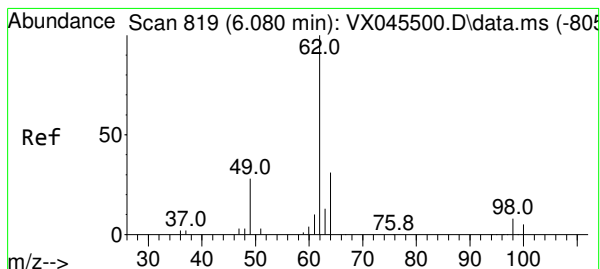
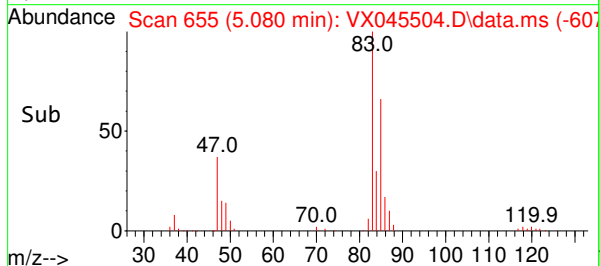
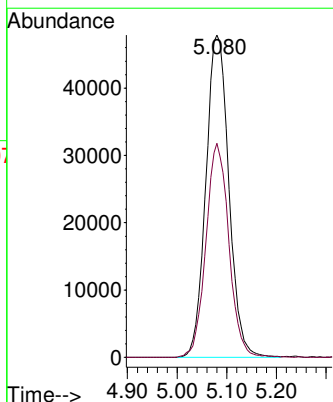
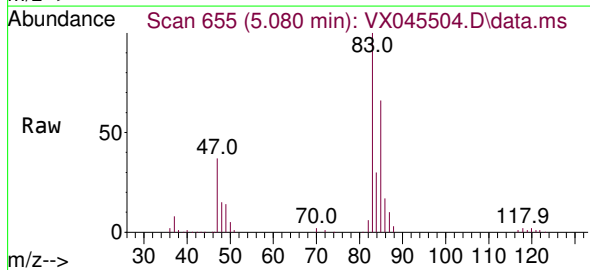




#25
Chloroform
Concen: 55.297 ug/L
RT: 5.080 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

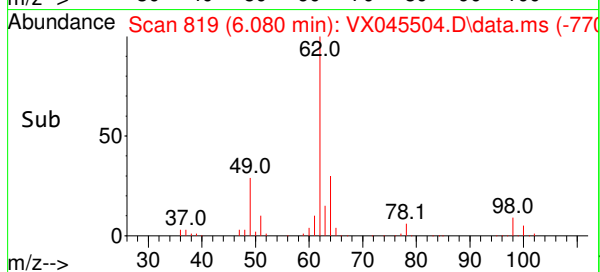
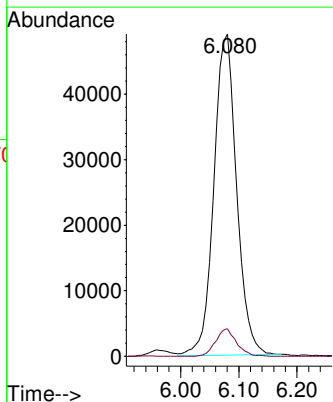
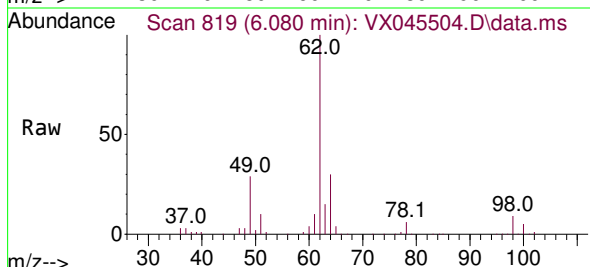
Instrument :
MSVOA_X
ClientSampleId :
VICV072

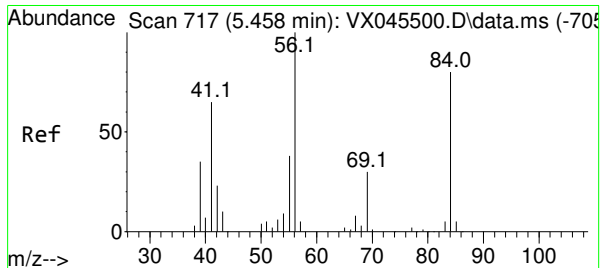
Tgt Ion: 83 Resp: 153942
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 55.360 ug/L
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion: 62 Resp: 132377
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.2

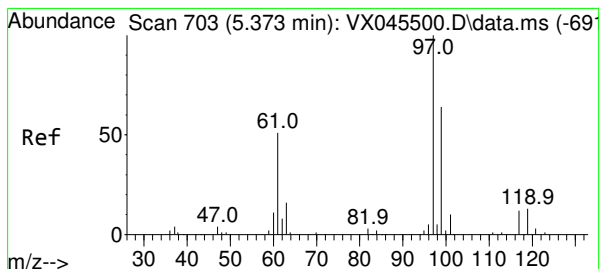
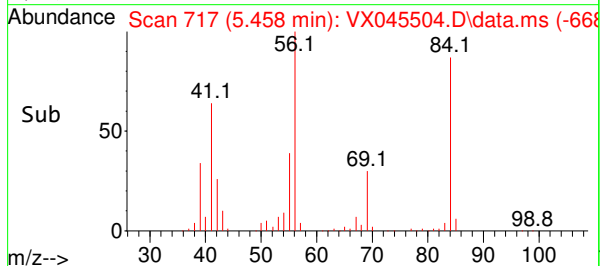
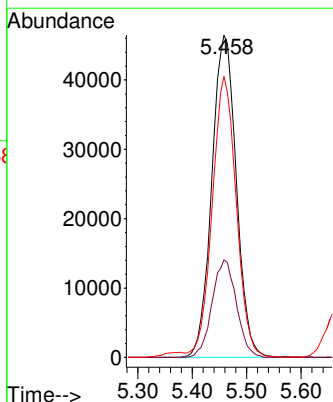
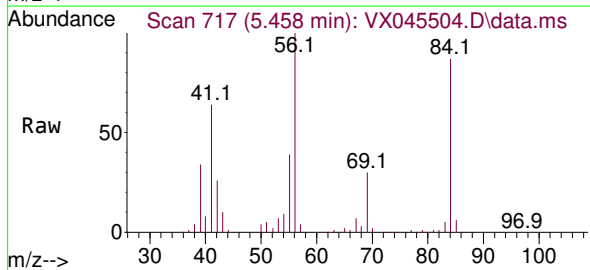




#29
Cyclohexane
Concen: 57.018 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

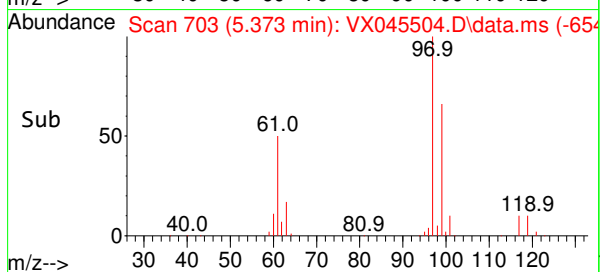
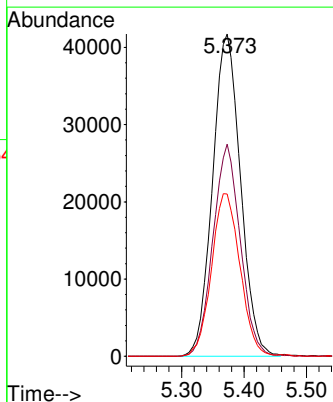
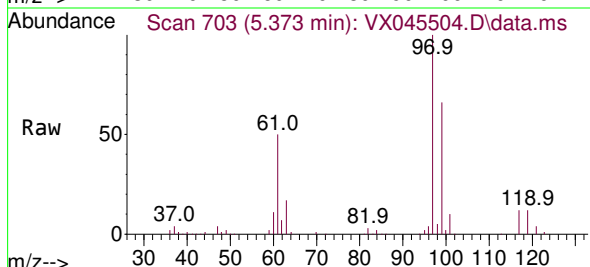
Instrument :
MSVOA_X
ClientSampleId :
VICV072

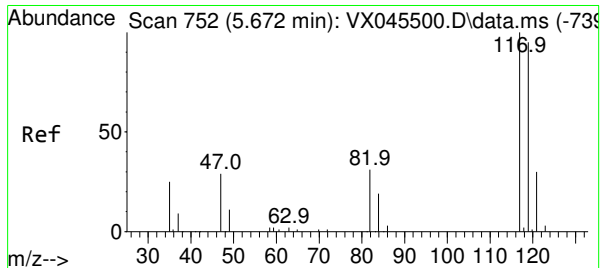
Tgt Ion: 56 Resp: 145309
Ion Ratio Lower Upper
56 100
69 30.0 25.4 38.2
84 85.5 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 56.183 ug/L
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion: 97 Resp: 129525
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 51.5 35.8 53.6

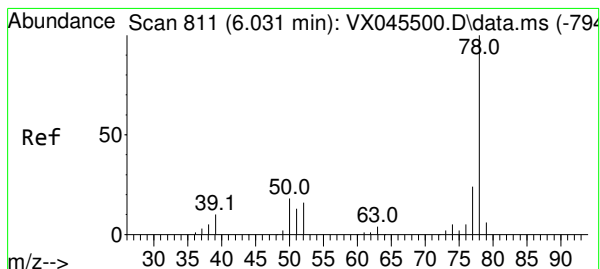
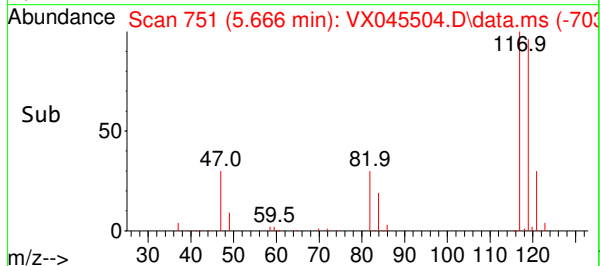
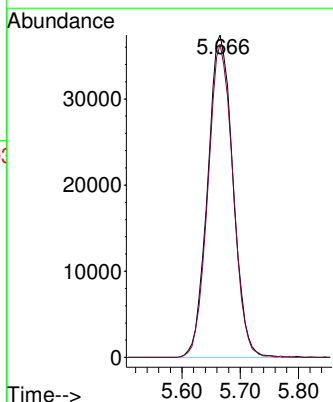
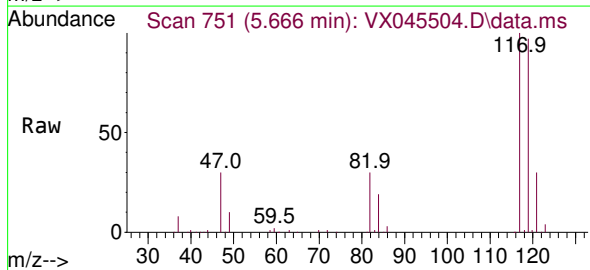




#31
Carbon tetrachloride
Concen: 56.438 ug/L
RT: 5.666 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

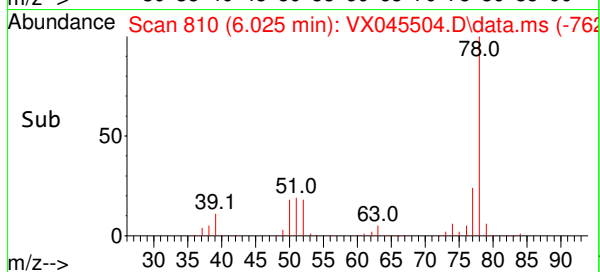
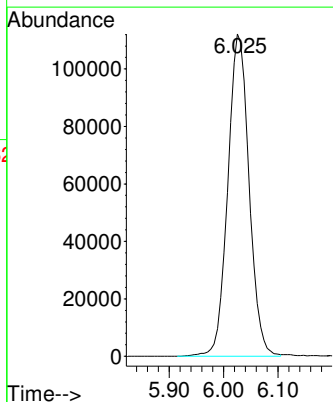
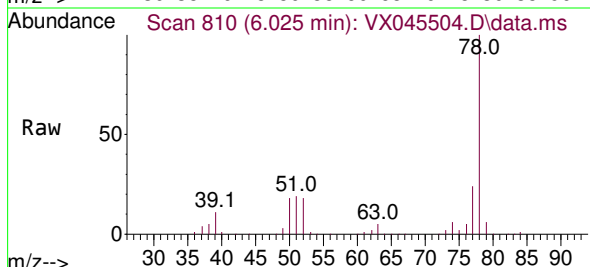
Instrument :
MSVOA_X
ClientSampleId :
VICV072

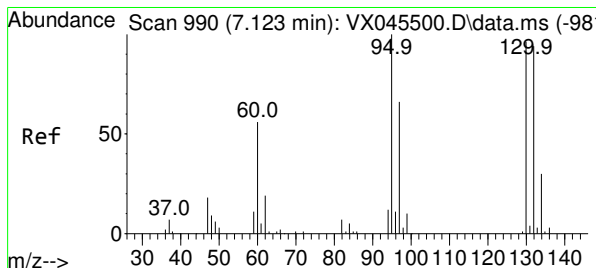
Tgt Ion:117 Resp: 112843
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7



#33
Benzene
Concen: 55.212 ug/L
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion: 78 Resp: 304602

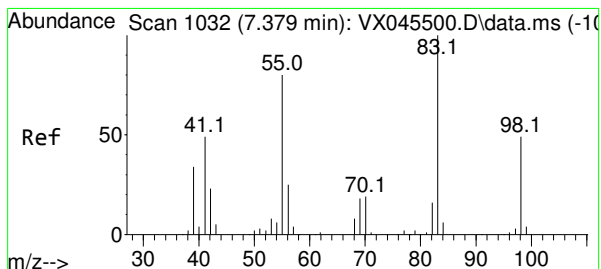
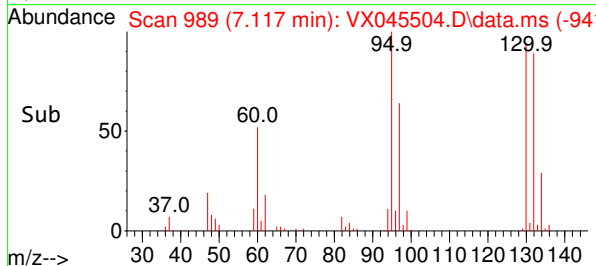
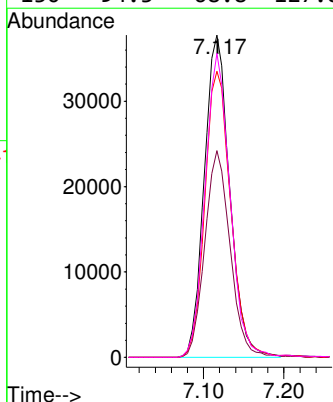
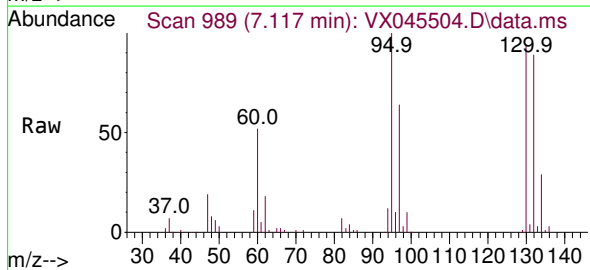




#34
Trichloroethene
Concen: 56.533 ug/L
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

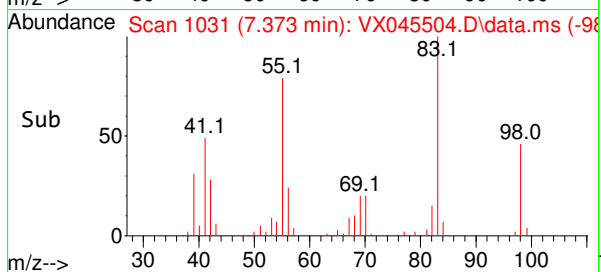
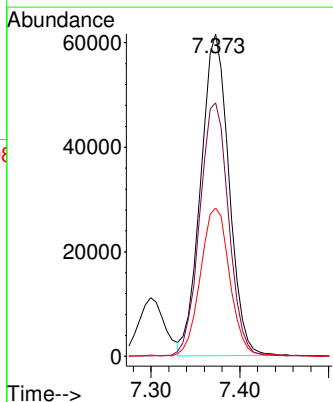
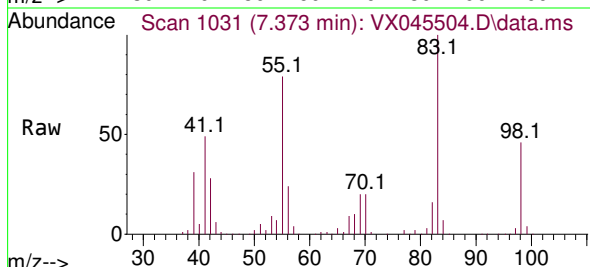
Instrument :
MSVOA_X
ClientSampleId :
VICV072

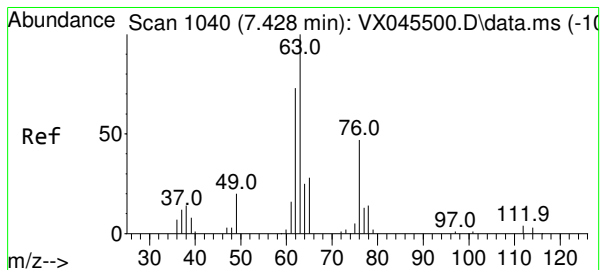
Tgt Ion:	95	Resp:	82967
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.1	85.5
132	88.7	64.5	119.9
130	94.3	68.8	127.8



#35
Methylcyclohexane
Concen: 57.892 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion:	83	Resp:	135569
Ion	Ratio	Lower	Upper
83	100		
55	80.5	60.6	90.8
98	47.9	38.9	58.3

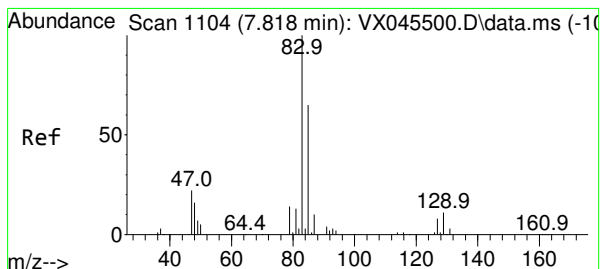
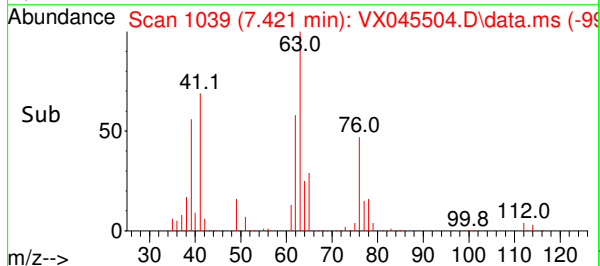
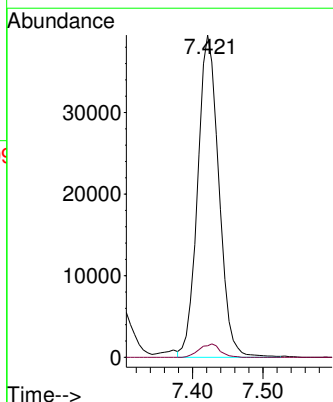
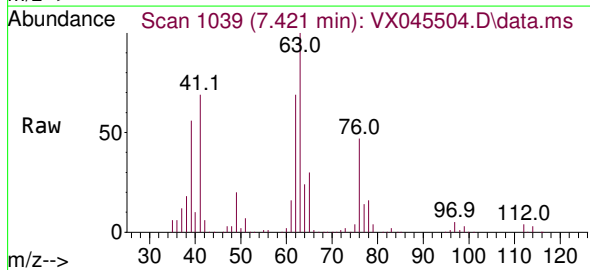




#37
 1,2-Dichloropropane
 Concen: 55.256 ug/L
 RT: 7.421 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

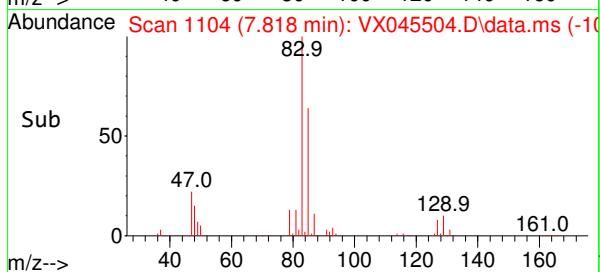
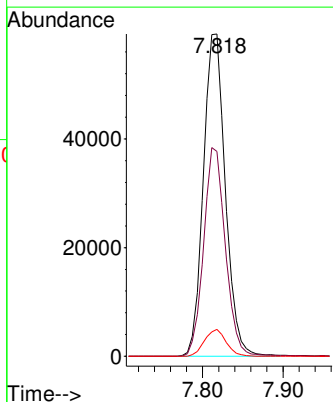
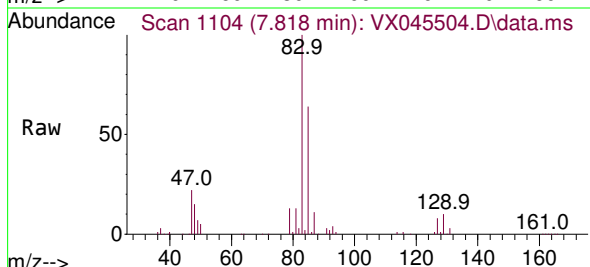
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV072

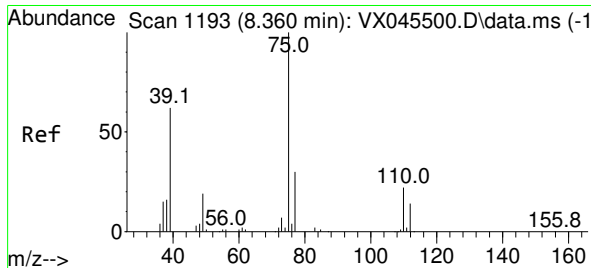
Tgt Ion: 63 Resp: 82647
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.5 5.3



#38
 Bromodichloromethane
 Concen: 55.061 ug/L
 RT: 7.818 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

Tgt Ion: 83 Resp: 113116
 Ion Ratio Lower Upper
 83 100
 85 63.5 43.8 81.3
 127 8.4 6.5 9.7

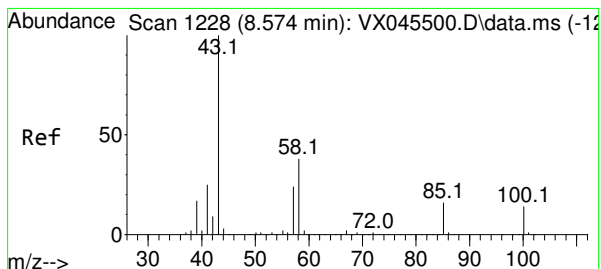
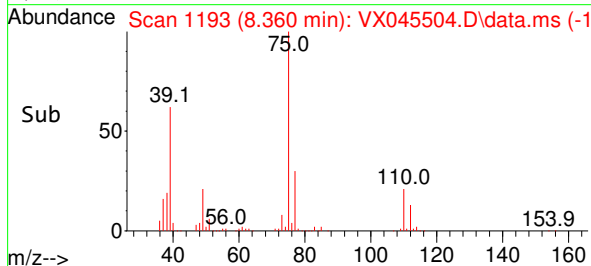
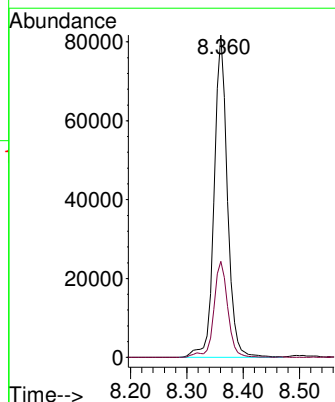
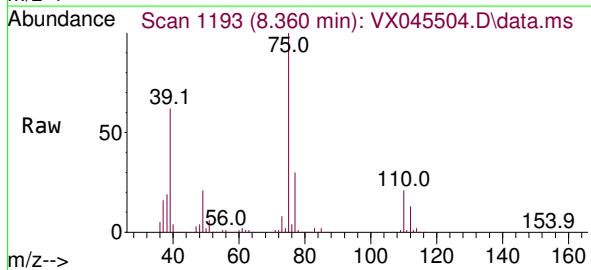




#39
 cis-1,3-Dichloropropene
 Concen: 61.078 ug/L
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

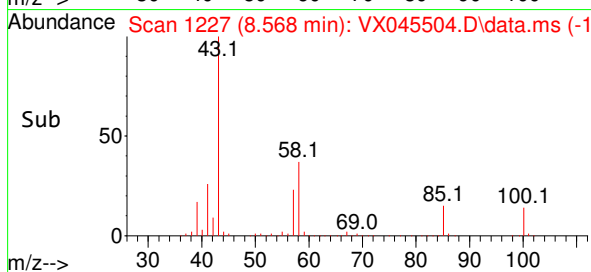
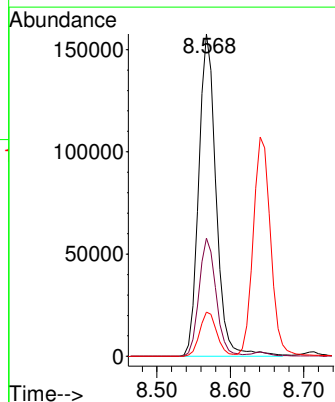
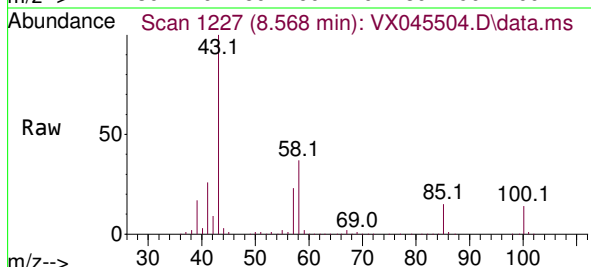
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV072

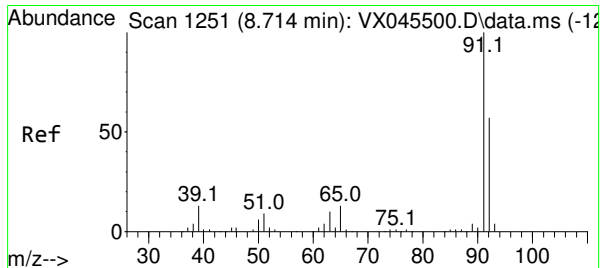
Tgt Ion: 75 Resp: 133793
 Ion Ratio Lower Upper
 75 100
 77 29.8 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 112.946 ug/L
 RT: 8.568 min Scan# 1227
 Delta R.T. -0.006 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

Tgt Ion: 43 Resp: 258654
 Ion Ratio Lower Upper
 43 100
 58 35.9 32.1 48.1
 100 13.6 12.9 19.3

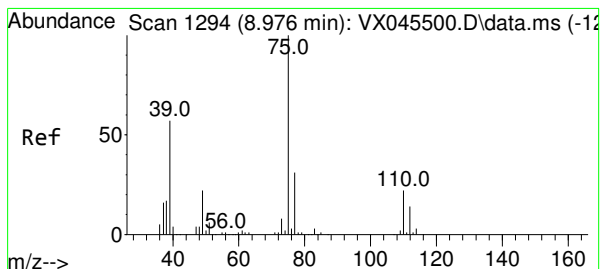
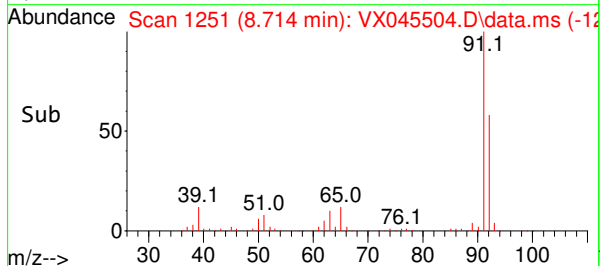
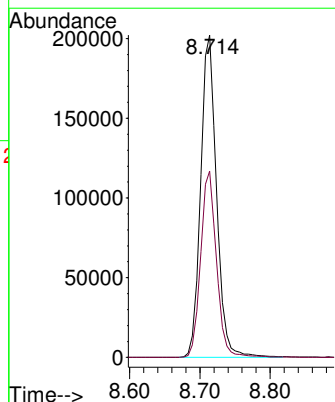
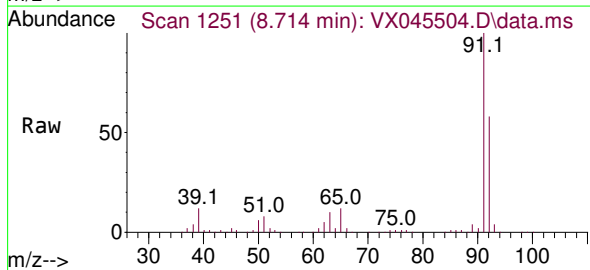




#42
Toluene
Concen: 56.163 ug/L
RT: 8.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

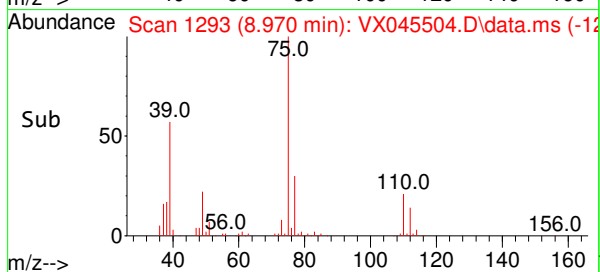
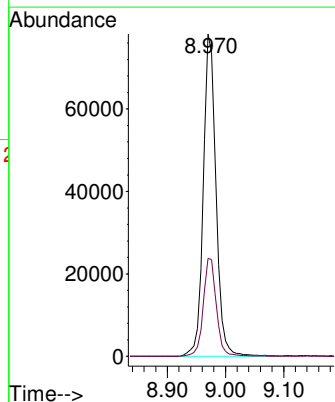
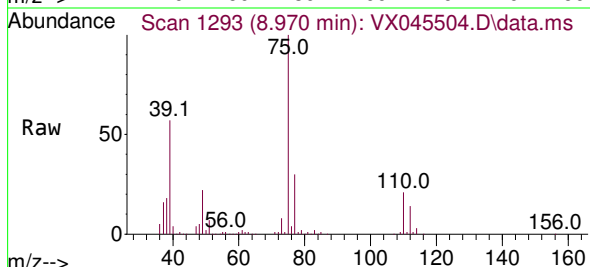
Instrument :
MSVOA_X
ClientSampleId :
VICV072

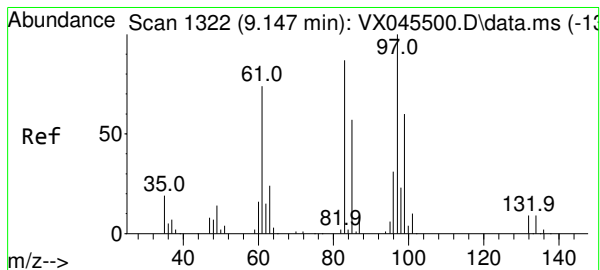
Tgt Ion: 91 Resp: 317910
Ion Ratio Lower Upper
91 100
92 57.8 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 58.734 ug/L
RT: 8.970 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion: 75 Resp: 119865
Ion Ratio Lower Upper
75 100
77 30.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 54.534 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045504.D

Acq: 28 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

VICV072

Tgt Ion: 97 Resp: 78351

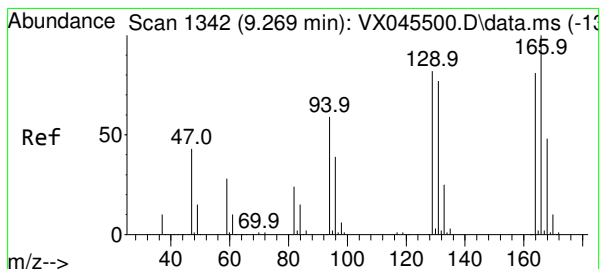
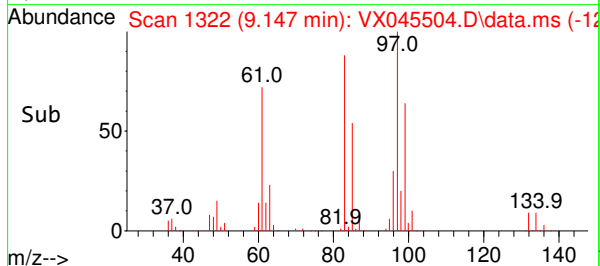
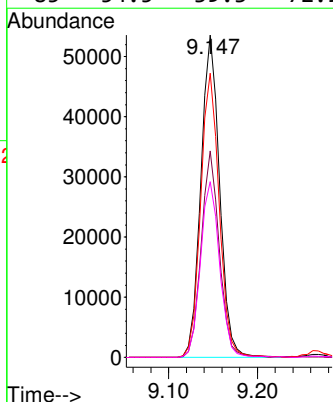
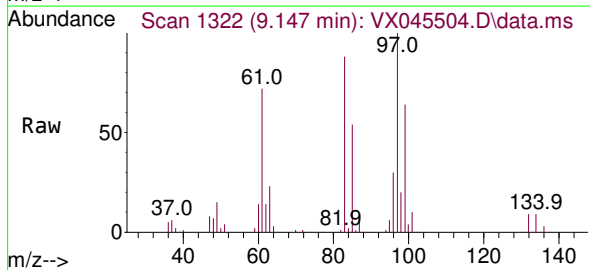
Ion Ratio Lower Upper

97 100

99 64.1 44.8 83.2

83 88.1 60.8 113.0

85 54.5 39.3 72.9



#46

Tetrachloroethene

Concen: 55.970 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045504.D

Acq: 28 Mar 2025 12:57

Tgt Ion:164 Resp: 56267

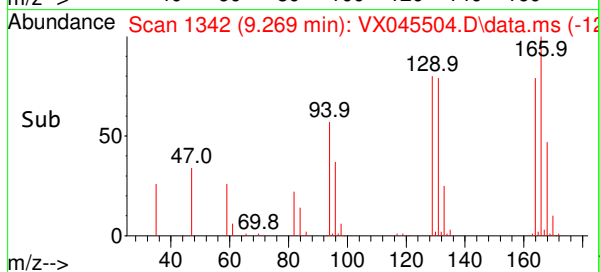
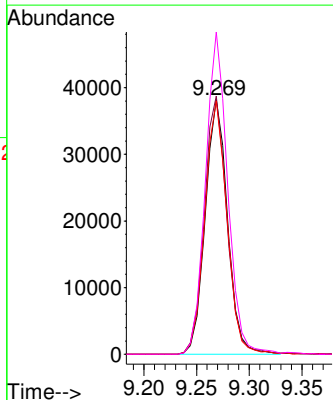
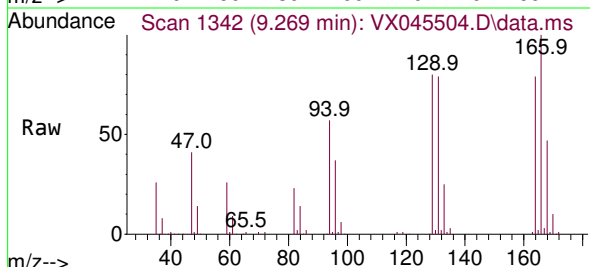
Ion Ratio Lower Upper

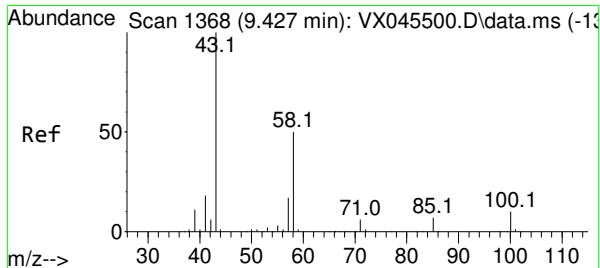
164 100

129 101.4 71.2 132.2

131 99.5 67.2 124.8

166 126.5 90.0 167.2

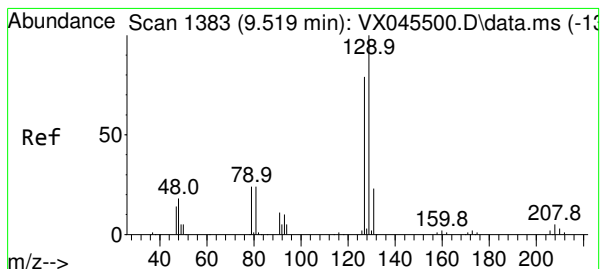
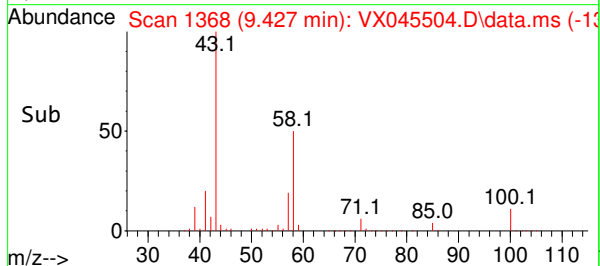
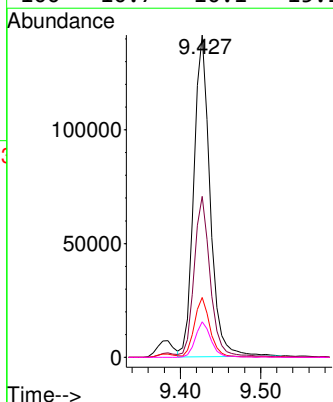
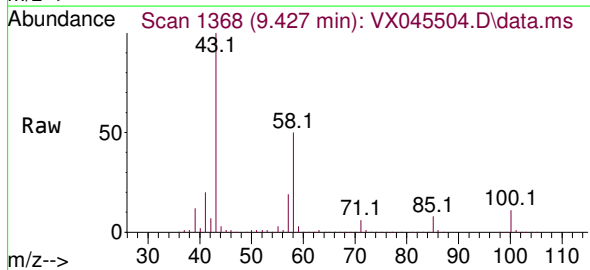




#48
2-Hexanone
Concen: 115.744 ug/L
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

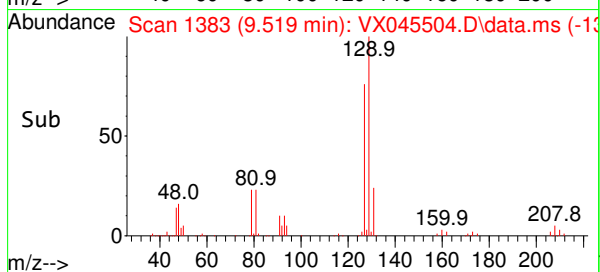
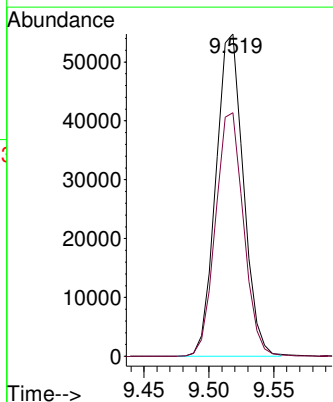
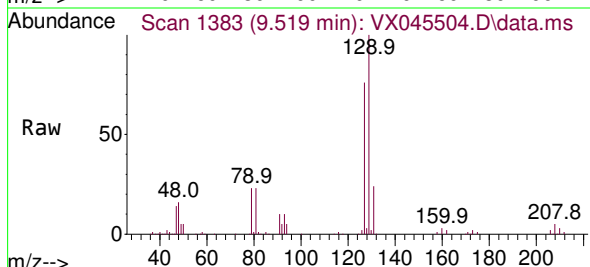
Instrument :
MSVOA_X
ClientSampleId :
VICV072

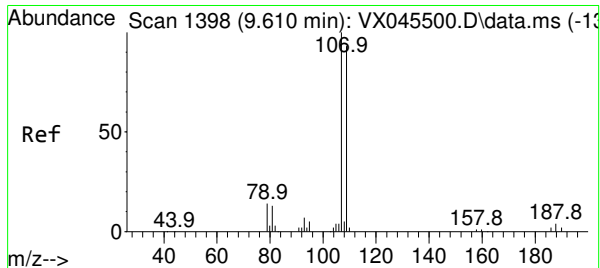
Tgt Ion:	43	Resp:	199810
Ion	Ratio	Lower	Upper
43	100		
58	50.0	44.3	66.5
57	17.4	15.9	23.9
100	10.7	10.1	15.1



#49
Dibromochloromethane
Concen: 56.490 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion:	129	Resp:	80973
Ion	Ratio	Lower	Upper
129	100		
127	75.5	53.6	99.6

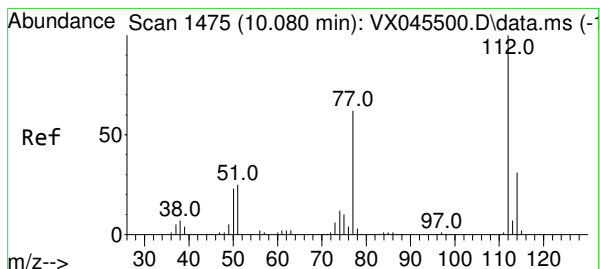
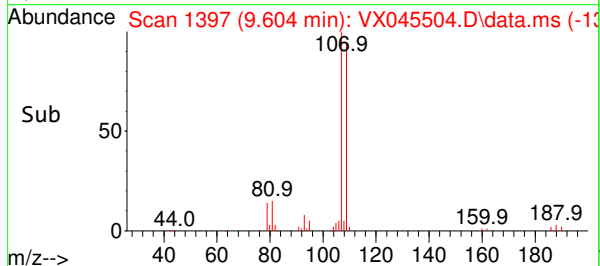
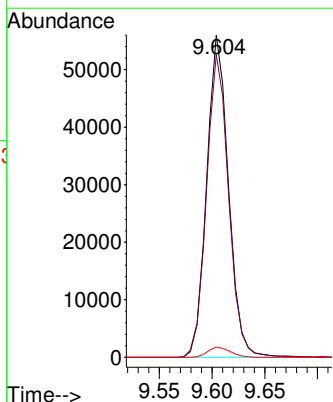
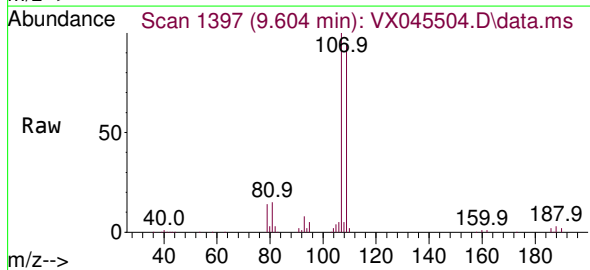




#50
1,2-Dibromoethane
Concen: 54.085 ug/L
RT: 9.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

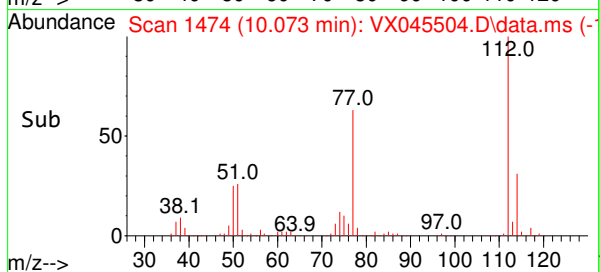
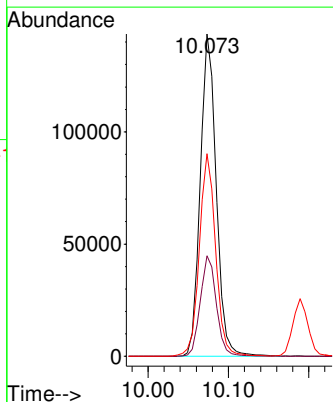
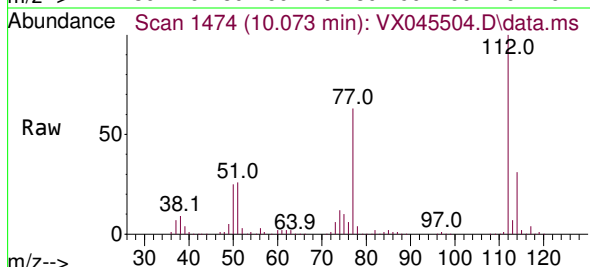
Instrument :
MSVOA_X
ClientSampleId :
VICV072

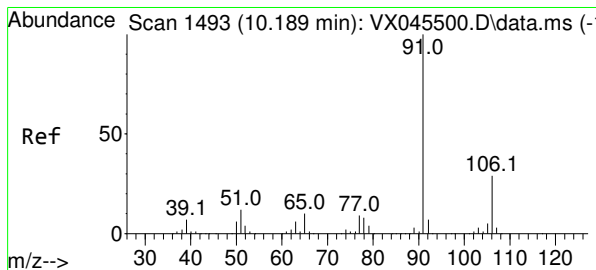
Tgt Ion:	107	Resp:	80841
Ion	Ratio	Lower	Upper
107	100		
109	93.9	67.2	124.8
188	3.2	2.2	3.4



#51
Chlorobenzene
Concen: 55.784 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion:	112	Resp:	198108
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.4	41.6
77	62.9	49.2	73.8

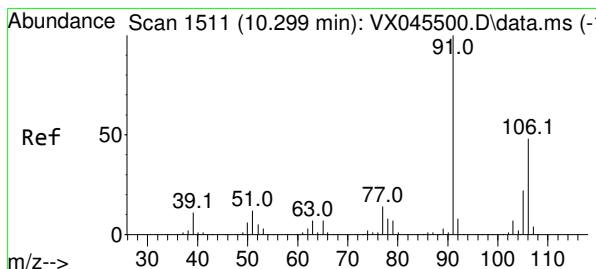
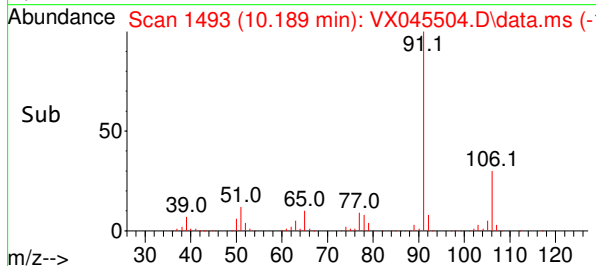
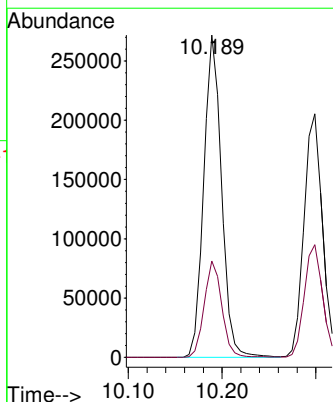
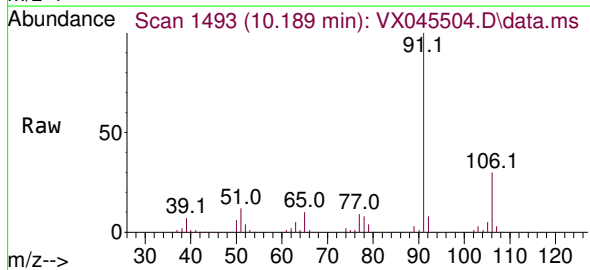




#52
Ethylbenzene
Concen: 56.606 ug/L
RT: 10.189 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

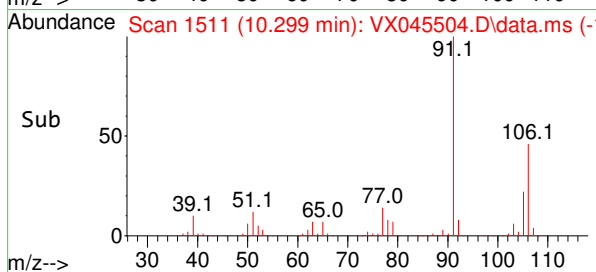
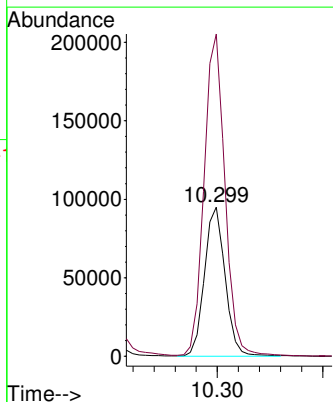
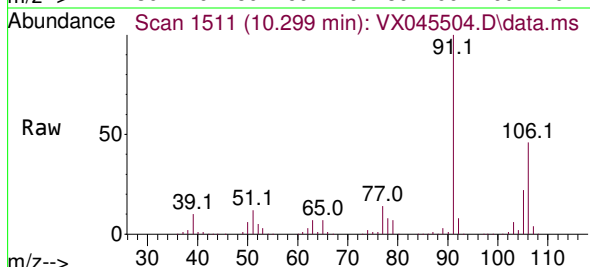
Instrument :
MSVOA_X
ClientSampleId :
VICV072

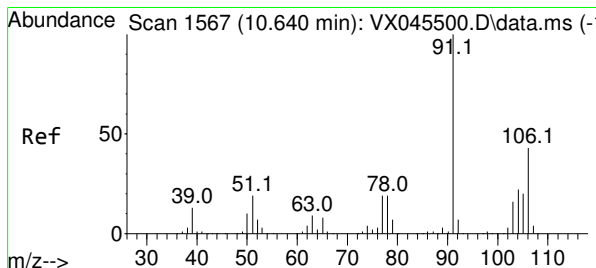
Tgt Ion: 91 Resp: 360668
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.3



#53
m,p-Xylene
Concen: 56.352 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion:106 Resp: 130159
Ion Ratio Lower Upper
106 100
91 216.1 145.2 269.6





#54

o-Xylene

Concen: 56.956 ug/L

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045504.D

Acq: 28 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

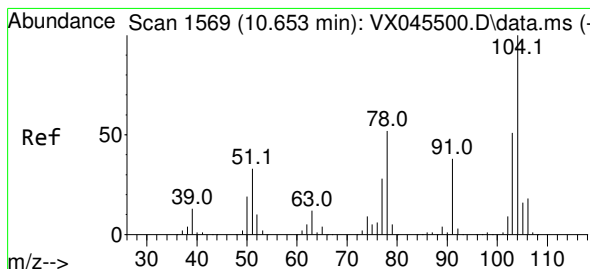
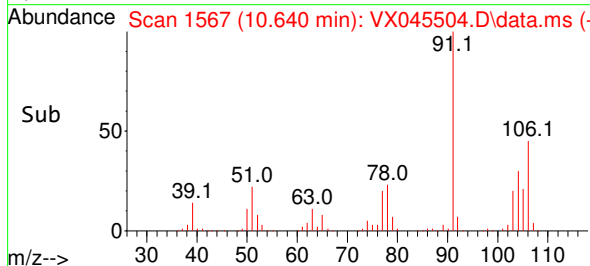
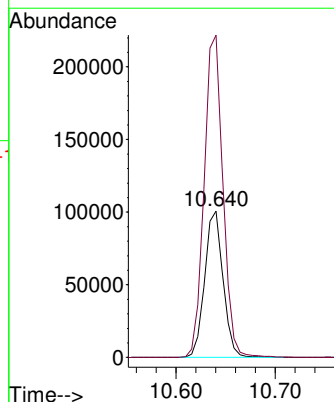
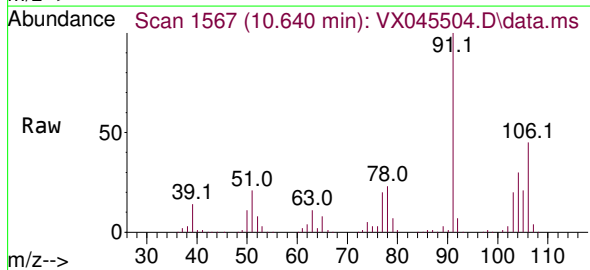
VICV072

Tgt Ion:106 Resp: 129222

Ion Ratio Lower Upper

106 100

91 220.4 153.2 284.4



#55

Styrene

Concen: 57.807 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045504.D

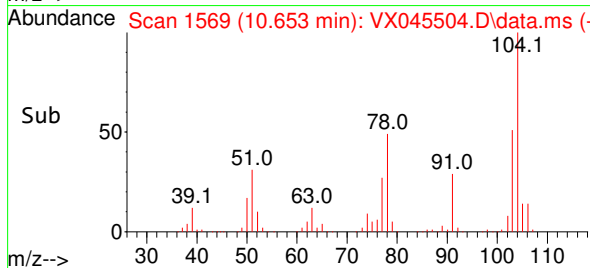
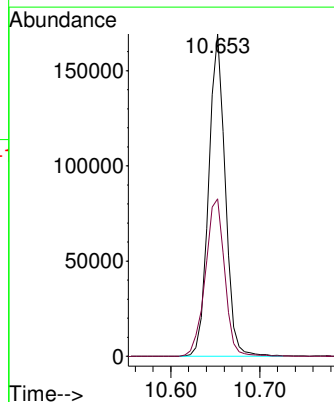
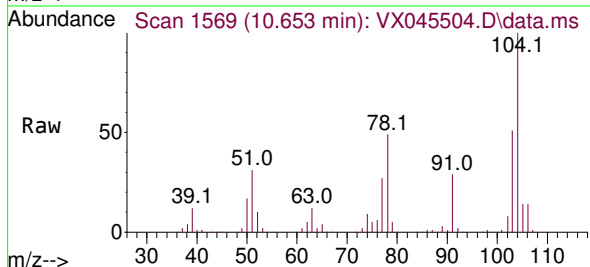
Acq: 28 Mar 2025 12:57

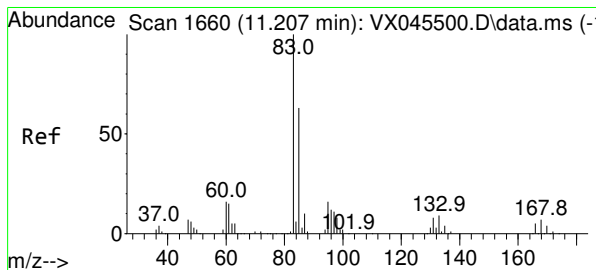
Tgt Ion:104 Resp: 219490

Ion Ratio Lower Upper

104 100

78 48.8 32.7 60.7

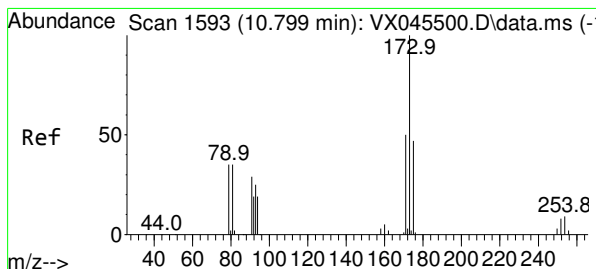
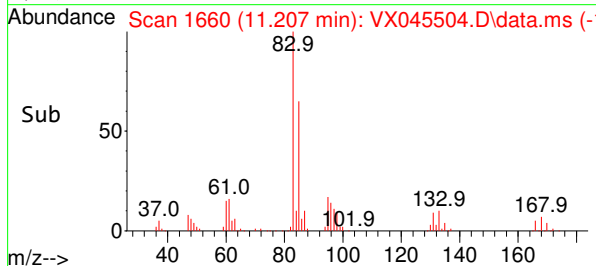
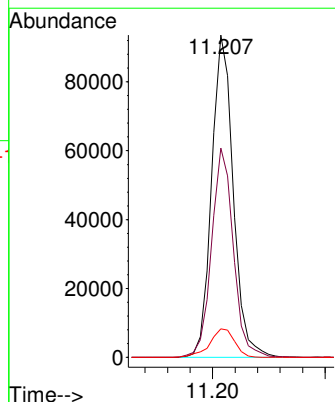
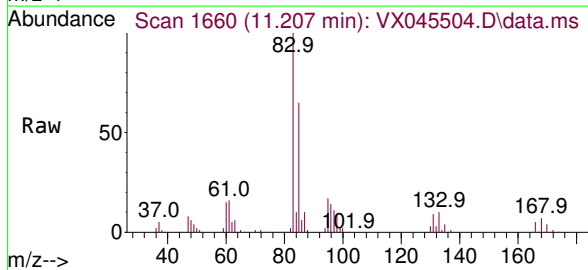




#57
 1,1,2,2-Tetrachloroethane
 Concen: 55.156 ug/L
 RT: 11.207 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

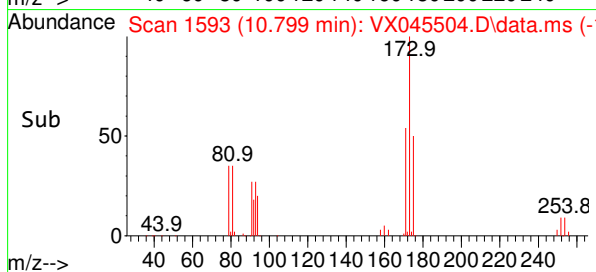
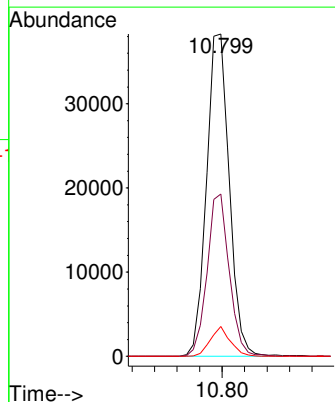
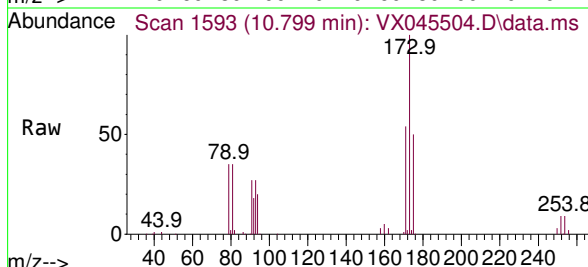
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV072

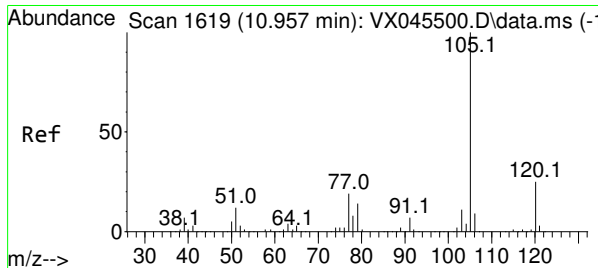
Tgt Ion:	83	Resp:	124552
Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.9	83.5
131	8.9	8.0	12.0



#59
 Bromoform
 Concen: 53.850 ug/L
 RT: 10.799 min Scan# 1593
 Delta R.T. -0.000 min
 Lab File: VX045504.D
 Acq: 28 Mar 2025 12:57

Tgt Ion:	173	Resp:	53811
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.6	58.0
254	8.1	6.6	10.0

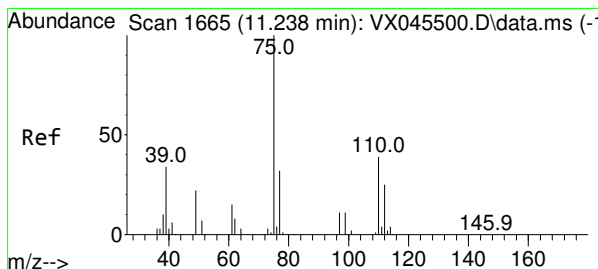
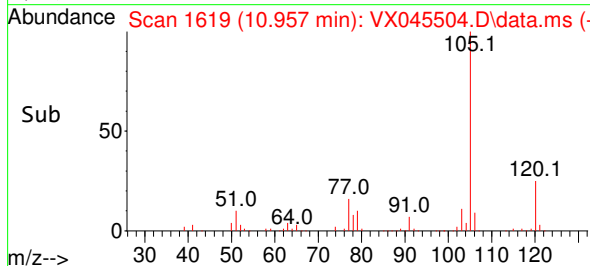
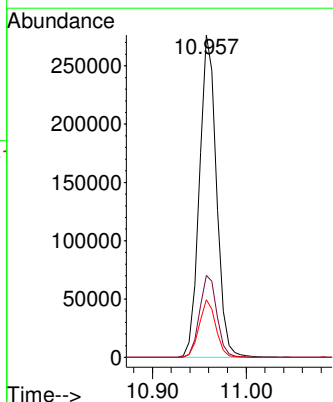
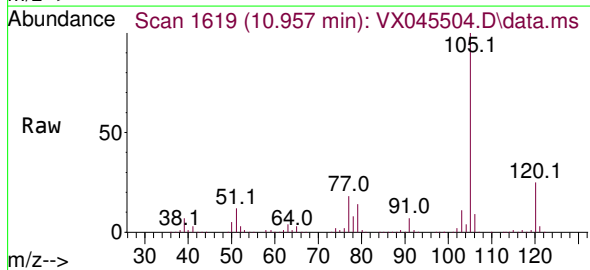




#60
Isopropylbenzene
Concen: 54.359 ug/L
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

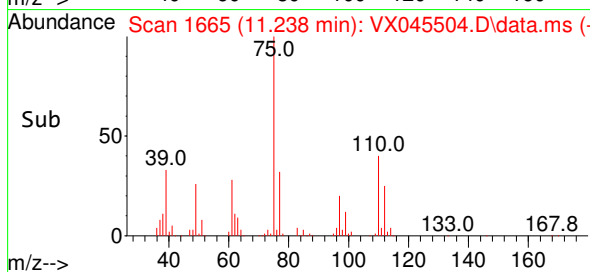
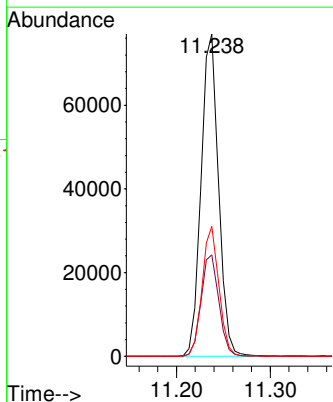
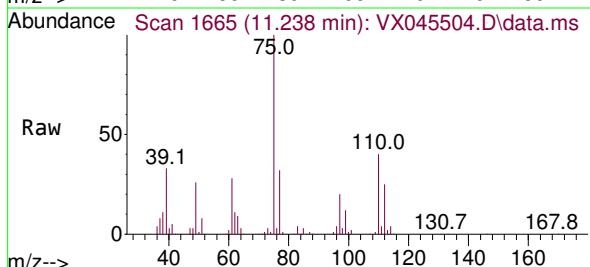
Instrument :
MSVOA_X
ClientSampleId :
VICV072

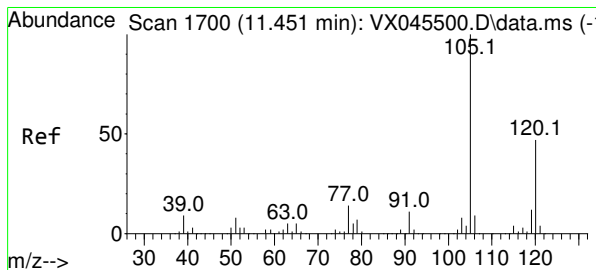
Tgt Ion:105 Resp: 351018
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 17.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 51.997 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion: 75 Resp: 100347
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
110 38.8 30.8 46.2

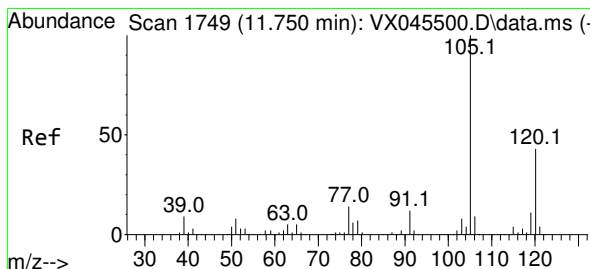
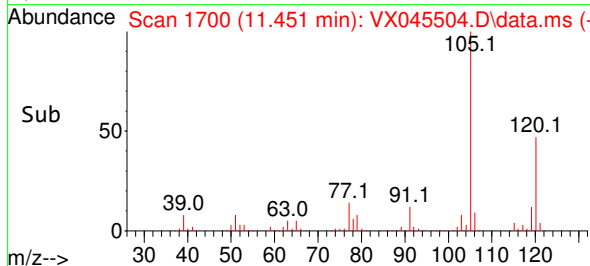
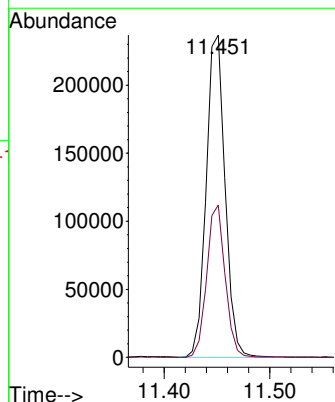
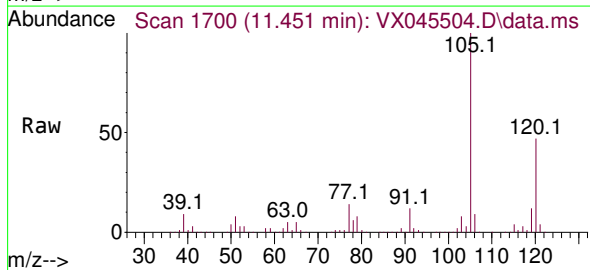




#62
1,3,5-Trimethylbenzene
Concen: 55.955 ug/L
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

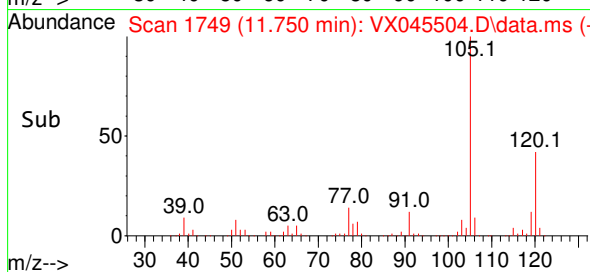
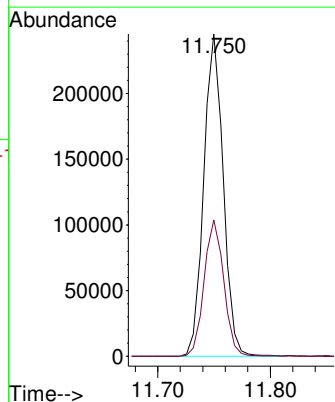
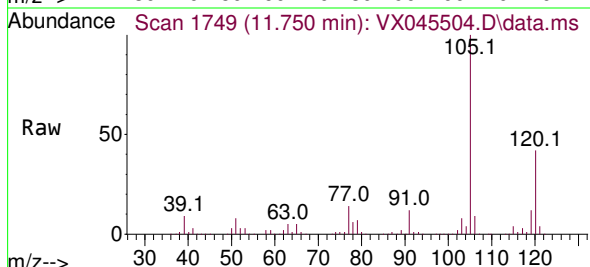
Instrument :
MSVOA_X
ClientSampleId :
VICV072

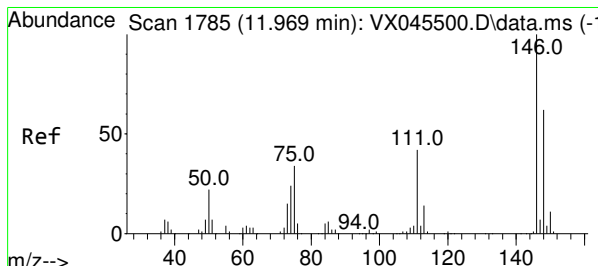
Tgt Ion:105 Resp: 295539
Ion Ratio Lower Upper
105 100
120 46.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 56.756 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion:105 Resp: 294245
Ion Ratio Lower Upper
105 100
120 43.0 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 55.637 ug/L

RT: 11.969 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045504.D

Acq: 28 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

VICV072

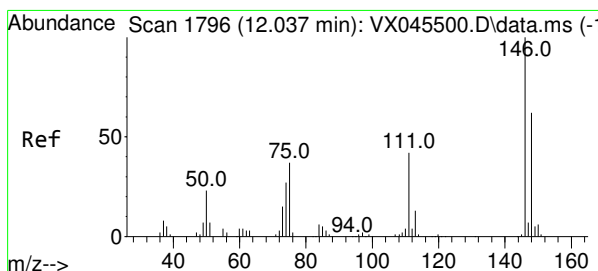
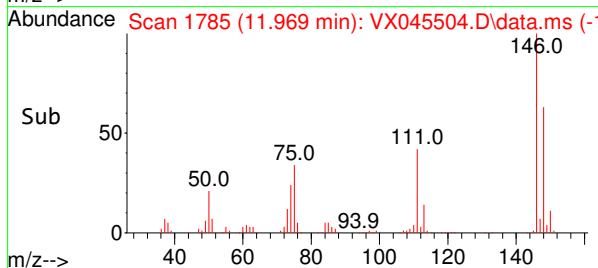
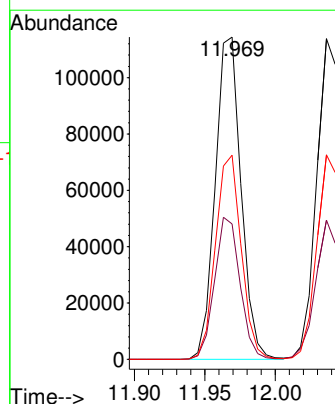
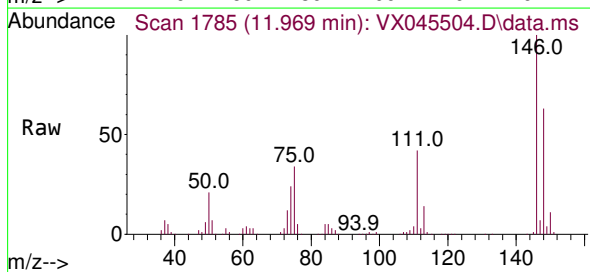
Tgt Ion:146 Resp: 145957

Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.9

148 63.3 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 55.430 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045504.D

Acq: 28 Mar 2025 12:57

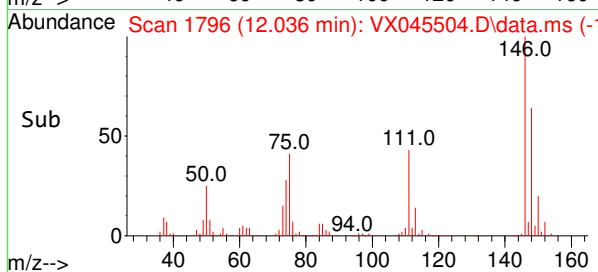
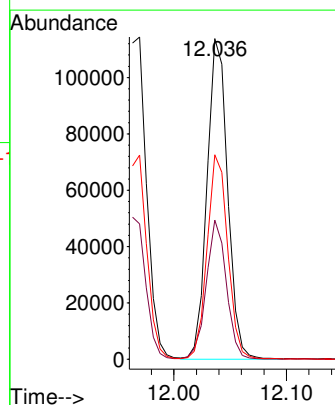
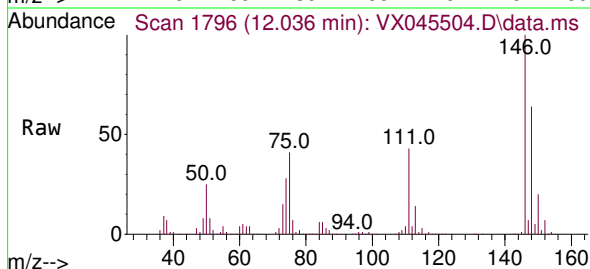
Tgt Ion:146 Resp: 145004

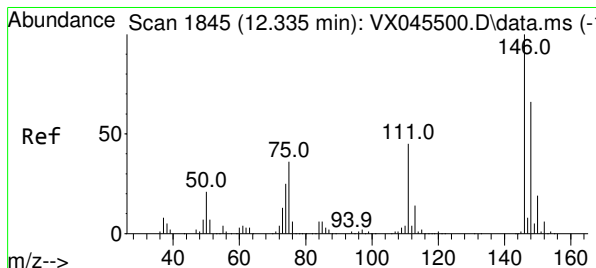
Ion Ratio Lower Upper

146 100

111 43.5 29.7 55.1

148 63.8 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 54.426 ug/L

RT: 12.335 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045504.D

Acq: 28 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

VICV072

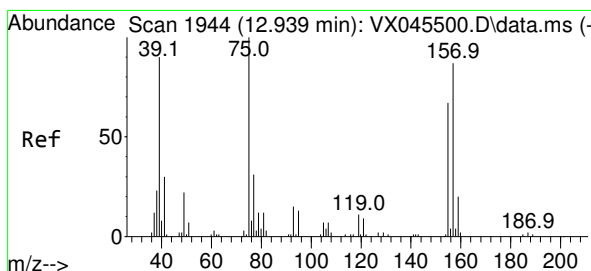
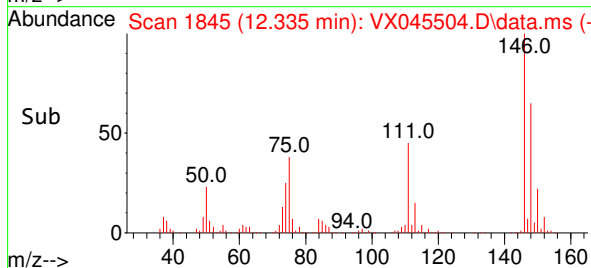
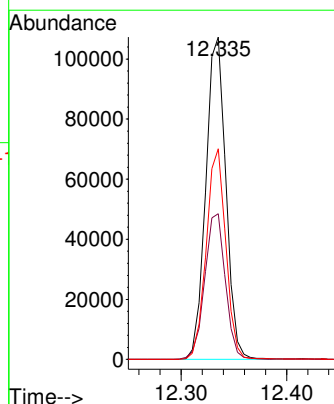
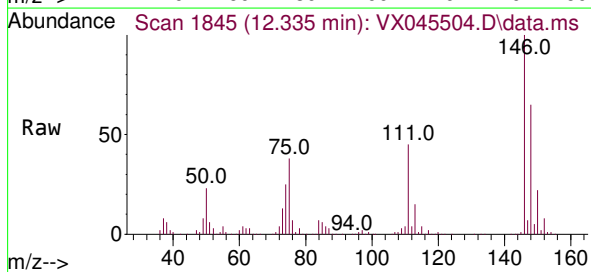
Tgt Ion:146 Resp: 142018

Ion Ratio Lower Upper

146 100

111 45.1 36.1 54.1

148 65.4 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 52.230 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX045504.D

Acq: 28 Mar 2025 12:57

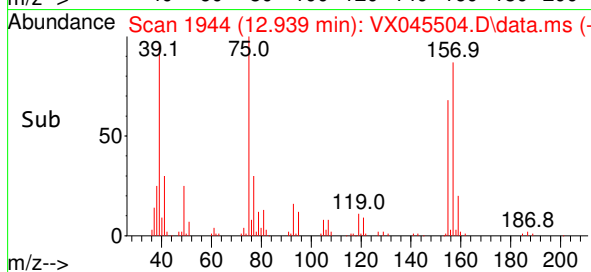
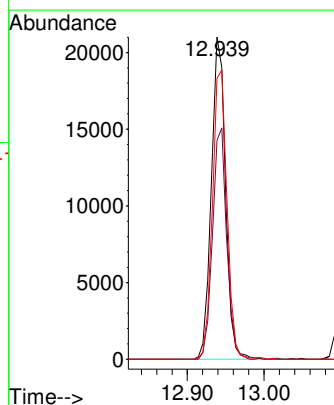
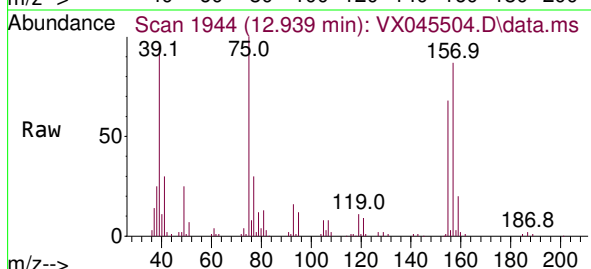
Tgt Ion: 75 Resp: 27102

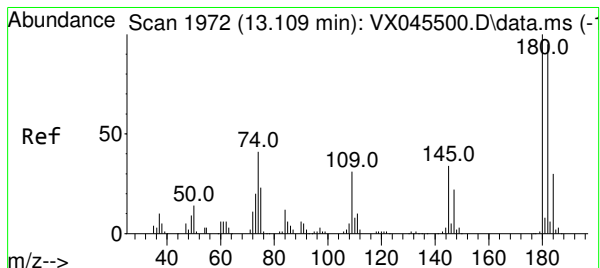
Ion Ratio Lower Upper

75 100

155 67.9 62.5 93.7

157 87.2 83.5 125.3

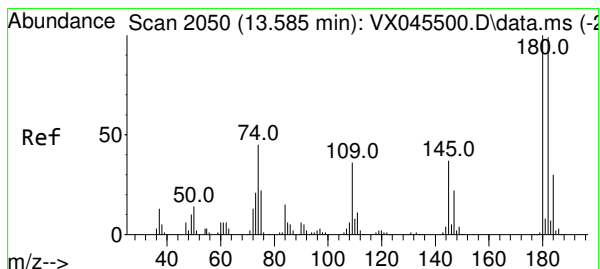
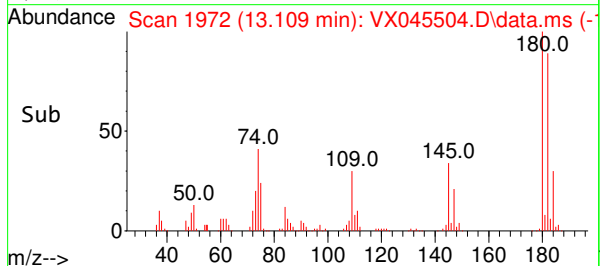
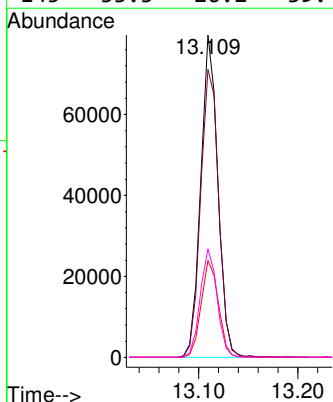
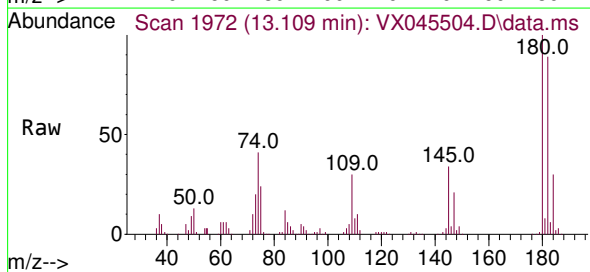




#69
1,3,5-Trichlorobenzene
Concen: 57.224 ug/L
RT: 13.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

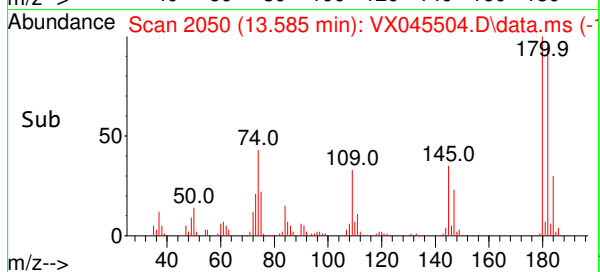
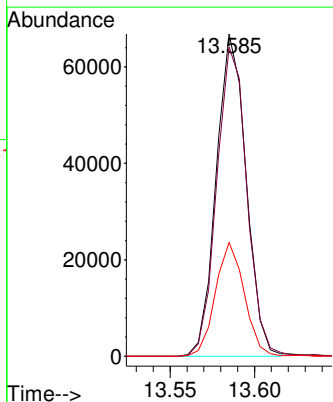
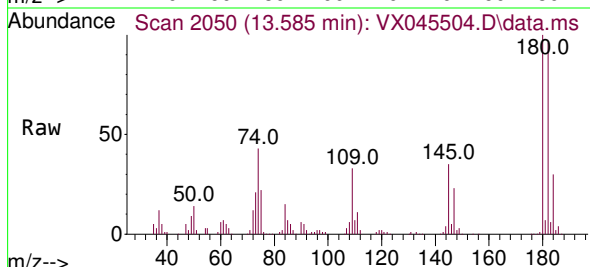
Instrument :
MSVOA_X
ClientSampleId :
VICV072

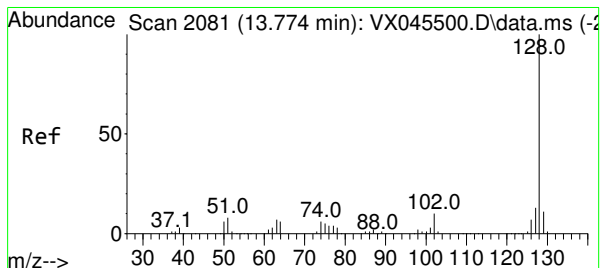
Tgt Ion:	180	Resp:	95036
Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.6
184	30.3	24.0	36.0
145	33.3	26.2	39.4



#70
1,2,4-trichlorobenzene
Concen: 56.186 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045504.D
Acq: 28 Mar 2025 12:57

Tgt Ion:	180	Resp:	82289
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.5	114.7
145	34.2	27.0	40.4





#71

Naphthalene

Concen: 54.014 ug/L

RT: 13.774 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX045504.D

Acq: 28 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

VICV072

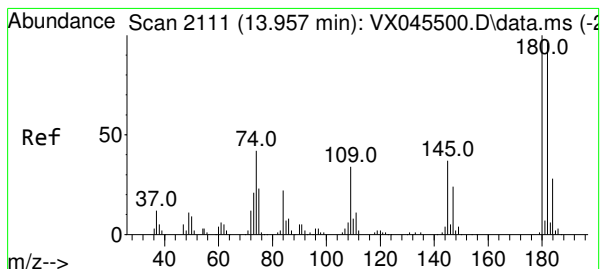
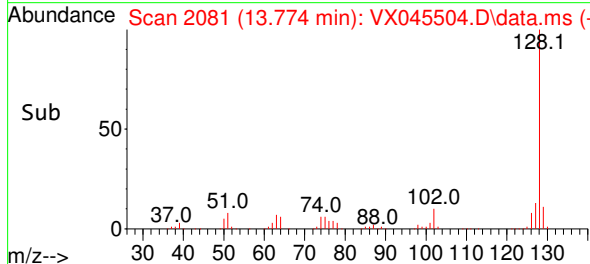
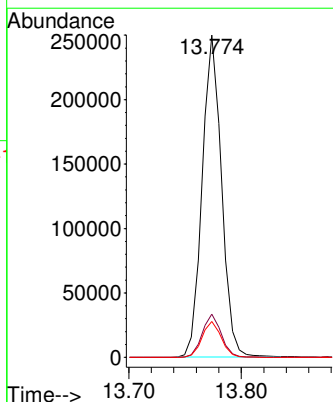
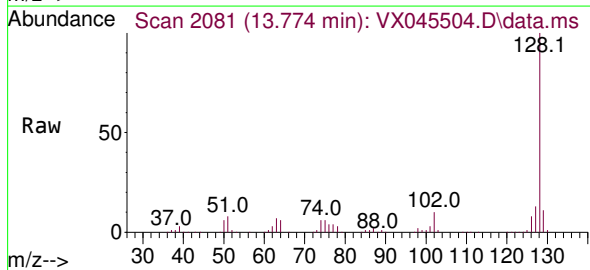
Tgt Ion:128 Resp: 299202

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 55.746 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045504.D

Acq: 28 Mar 2025 12:57

Tgt Ion:180 Resp: 83914

Ion Ratio Lower Upper

180 100

182 95.1 77.1 115.7

145 35.1 28.3 42.5

