

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033125\
 Data File : VX045511.D
 Acq On : 31 Mar 2025 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 07 12:13:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 07 12:12:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	171114	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	155078	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	67418	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	64928	50.744	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	101.480%	
7) Chloroethane-d5	1.642	69	41686	49.732	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	99.460%	
11) 1,1-Dichloroethene-d2	2.294	65	35327	52.988	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	105.980%	
21) 2-Butanone-d5	4.452	46	93568	109.918	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	109.920%	
24) Chloroform-d	5.050	84	147183	51.832	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.660%	
26) 1,2-Dichloroethane-d4	5.946	65	100987	50.834	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.660%	
32) Benzene-d6	5.964	84	264541	52.618	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.240%	
36) 1,2-Dichloropropane-d6	7.305	67	83475	51.559	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.120%	
41) Toluene-d8	8.640	98	235050	51.775	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.560%	
43) trans-1,3-Dichloroprop...	8.945	79	35715	53.724	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	107.440%	
47) 2-Hexanone-d5	9.384	63	64986	105.243	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.240%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	108574	50.520	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.040%	
66) 1,2-Dichlorobenzene-d4	12.317	152	74458	51.955	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99699	54.507	ug/L	99
3) Chloromethane	1.306	50	82469	51.072	ug/L	97
5) Vinyl chloride	1.373	62	79392	52.866	ug/L	99
6) Bromomethane	1.593	94	34806	51.835	ug/L	97
8) Chloroethane	1.666	64	40582	54.062	ug/L	97
9) Trichlorofluoromethane	1.873	101	114776	55.643	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	71702	54.561	ug/L	96
12) 1,1-Dichloroethene	2.306	96	61626	52.528	ug/L #	72
13) Acetone	2.379	43	88292	109.465	ug/L	93
14) Carbon disulfide	2.501	76	169907	56.205	ug/L	100
15) Methyl Acetate	2.703	43	84184	52.559	ug/L	94
16) Methylene chloride	2.782	84	71286	52.445	ug/L	91
17) trans-1,2-Dichloroethene	3.087	96	63121	53.813	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	222887	54.744	ug/L #	95
19) 1,1-Dichloroethane	3.599	63	133683	54.617	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	73344	54.296	ug/L	91
22) 2-Butanone	4.556	43	119968	102.502	ug/L	95
23) Bromochloromethane	4.891	128	37284	55.780	ug/L	96
25) Chloroform	5.080	83	139232	54.260	ug/L	98

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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

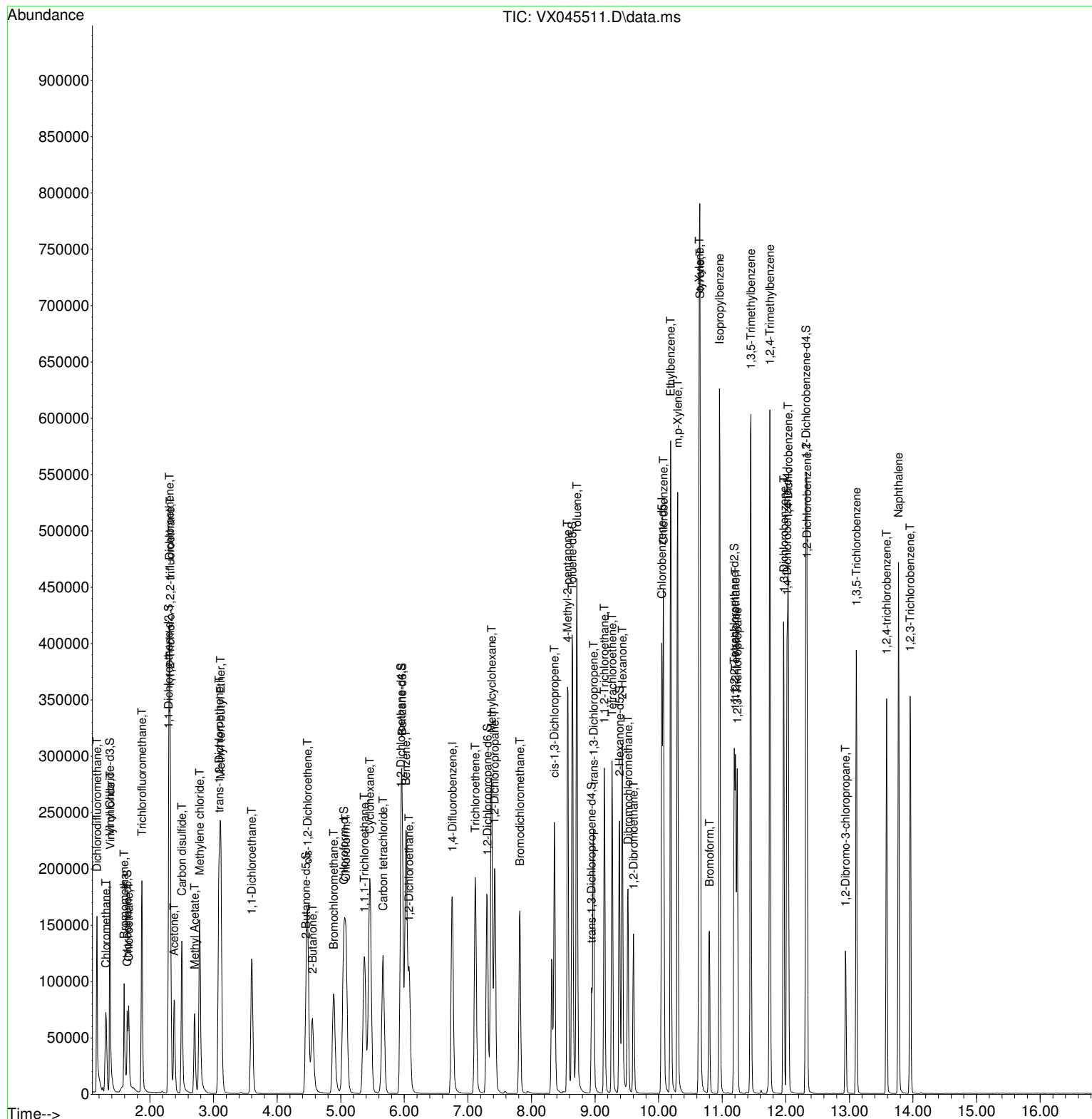
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	120458	54.653	ug/L	96
29) Cyclohexane	5.458	56	126278	53.713	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	116642	54.845	ug/L	95
31) Carbon tetrachloride	5.665	117	101502	55.031	ug/L	100
33) Benzene	6.025	78	271973	53.440	ug/L	100
34) Trichloroethene	7.116	95	73028	53.941	ug/L	97
35) Methylcyclohexane	7.372	83	117093	54.203	ug/L	96
37) 1,2-Dichloropropane	7.421	63	71432	51.770	ug/L	100
38) Bromodichloromethane	7.817	83	103848	54.797	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	116338	57.572	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	222179	105.169	ug/L	95
42) Toluene	8.714	91	283899	54.368	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	105064	55.807	ug/L	99
45) 1,1,2-Trichloroethane	9.146	97	69426	52.382	ug/L	98
46) Tetrachloroethene	9.268	164	50249	54.183	ug/L	98
48) 2-Hexanone	9.427	43	169850	106.655	ug/L	93
49) Dibromochloromethane	9.518	129	72684	54.968	ug/L	99
50) 1,2-Dibromoethane	9.604	107	73612	53.387	ug/L	97
51) Chlorobenzene	10.073	112	175273	53.500	ug/L	97
52) Ethylbenzene	10.189	91	317096	53.949	ug/L	98
53) m,p-Xylene	10.299	106	113566	53.299	ug/L	95
54) o-Xylene	10.640	106	115129	55.007	ug/L	98
55) Styrene	10.652	104	191800	54.758	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	106216	50.988	ug/L	98
59) Bromoform	10.799	173	48425	56.888	ug/L	99
60) Isopropylbenzene	10.957	105	309016	56.177	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	85809	52.197	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	257205	57.166	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	248522	56.274	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	123169	55.116	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	120439	54.046	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	121703	54.752	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.938	75	24751	55.995	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.109	180	79359	56.095	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	70125	56.207	ug/L	98
71) Naphthalene	13.774	128	265493	56.264	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	72965	56.902	ug/L	98

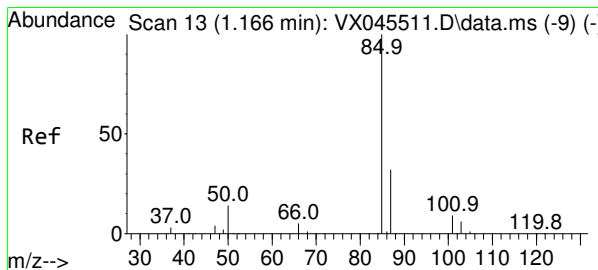
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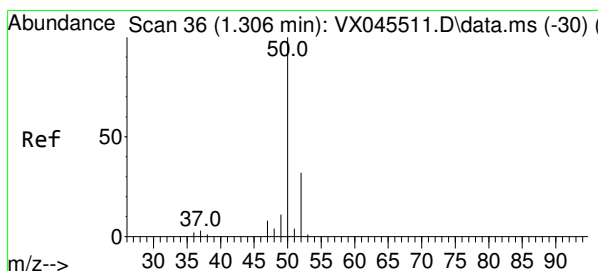
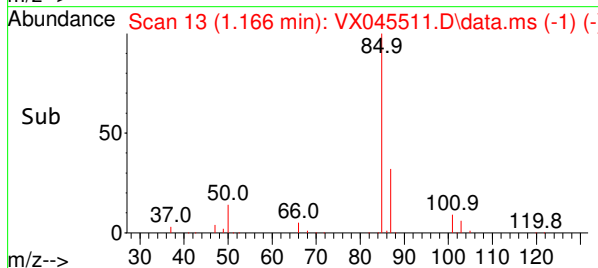
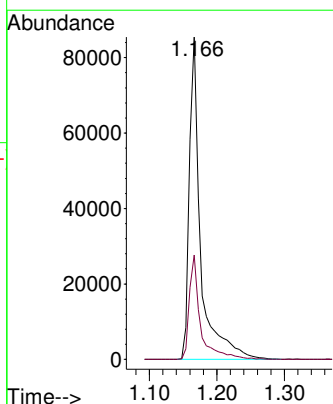
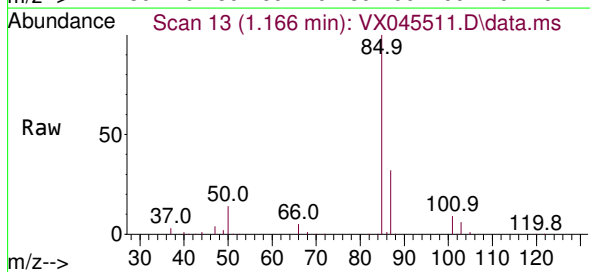




#2
Dichlorodifluoromethane
Concen: 54.507 ug/L
RT: 1.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

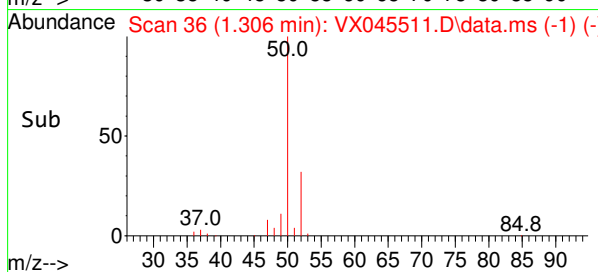
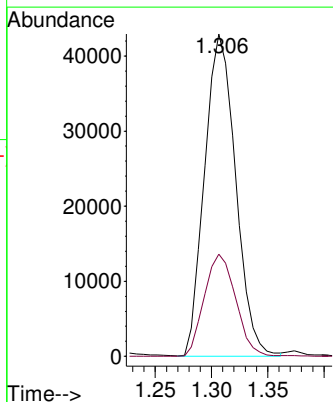
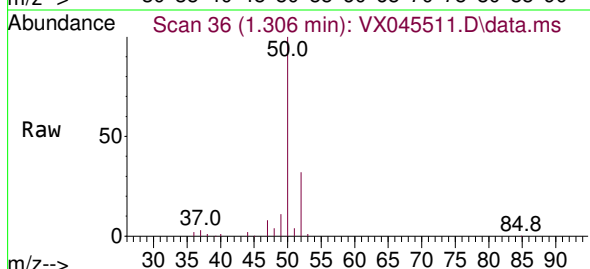
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

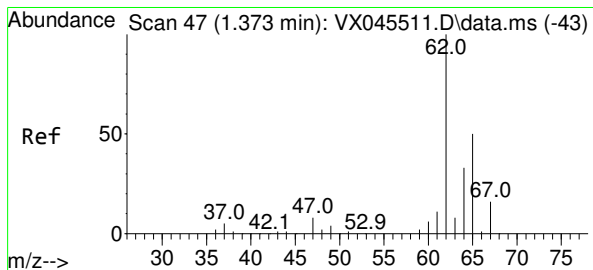
Tgt Ion: 85 Resp: 99699
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9



#3
Chloromethane
Concen: 51.072 ug/L
RT: 1.306 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 50 Resp: 82469
Ion Ratio Lower Upper
50 100
52 31.7 23.3 43.3

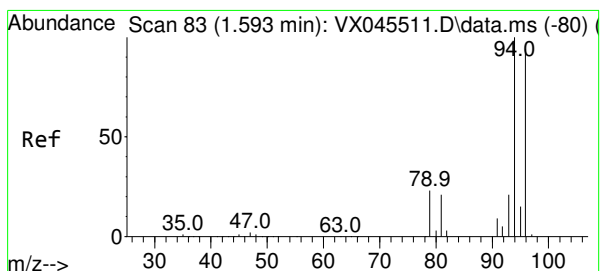
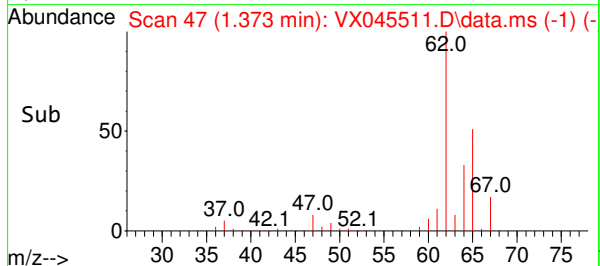
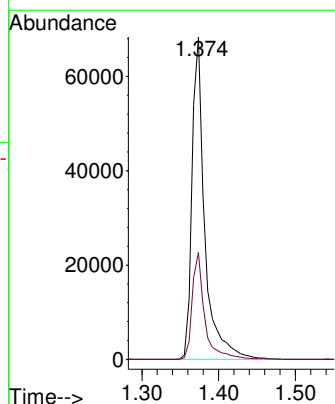
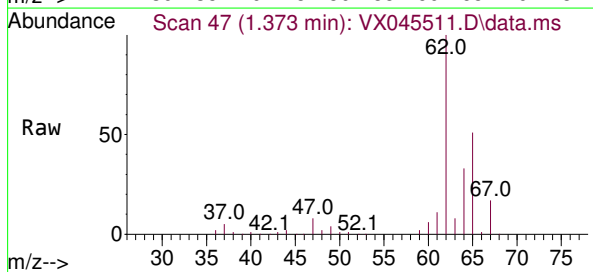




#5
 Vinyl chloride
 Concen: 52.866 ug/L
 RT: 1.373 min Scan# 4
 Delta R.T. 0.000 min
 Lab File: VX045511.D
 Acq: 31 Mar 2025 10:12

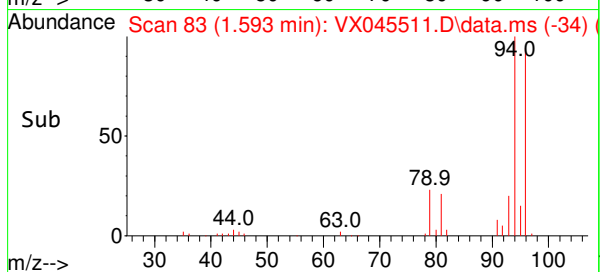
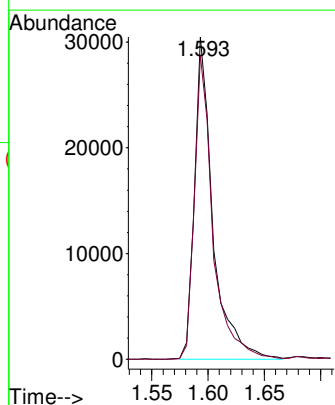
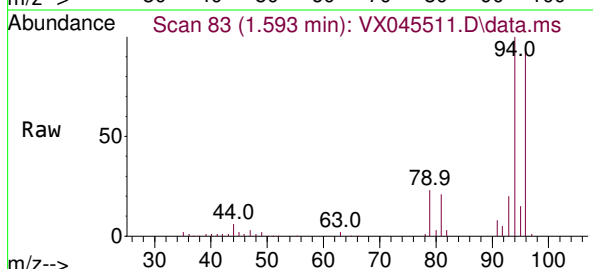
Instrument :
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 ClientSampleId :
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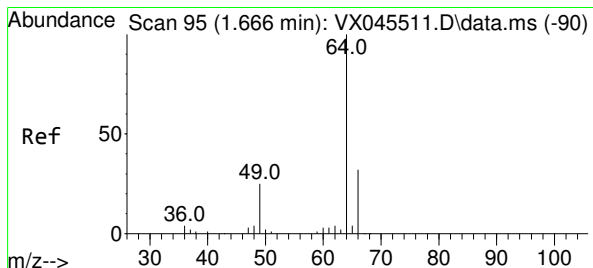
Tgt Ion: 62 Resp: 79392
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.7 44.1



#6
 Bromomethane
 Concen: 51.835 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX045511.D
 Acq: 31 Mar 2025 10:12

Tgt Ion: 94 Resp: 34806
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.3 119.3

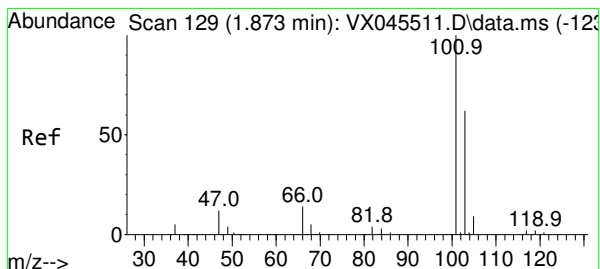
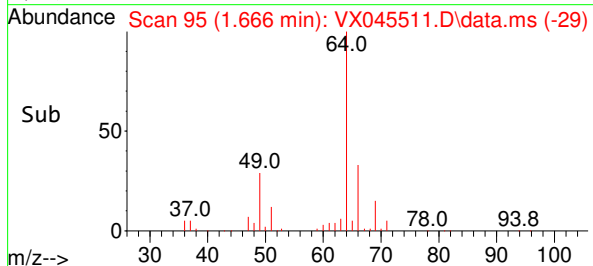
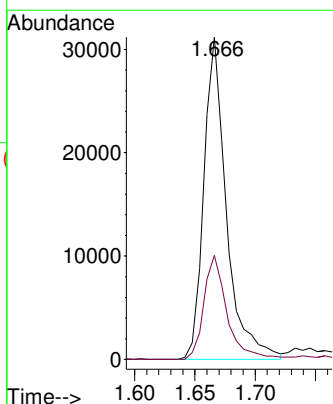
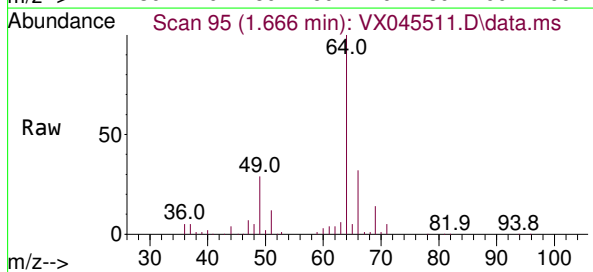




#8
Chloroethane
Concen: 54.062 ug/L
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

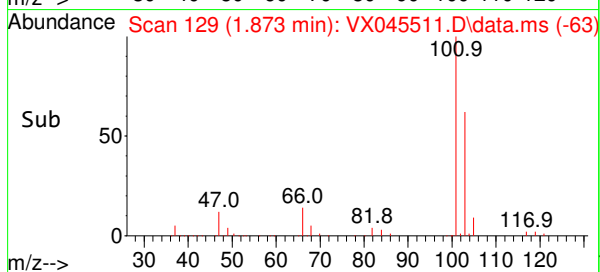
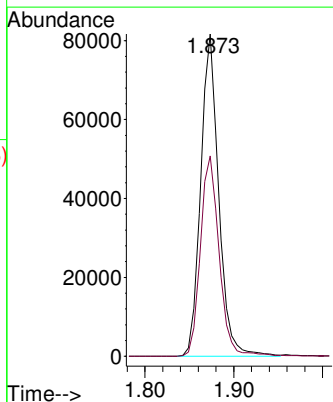
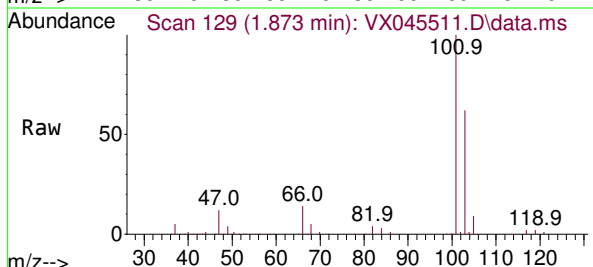
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

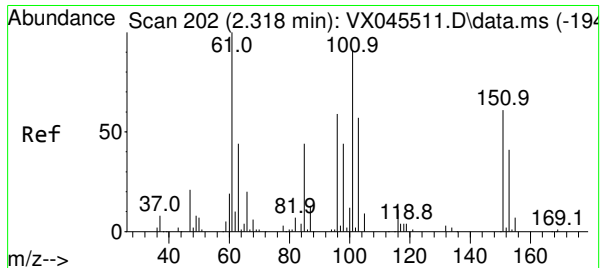
Tgt Ion: 64 Resp: 40582
Ion Ratio Lower Upper
64 100
66 32.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 55.643 ug/L
RT: 1.873 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 101 Resp: 114776
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

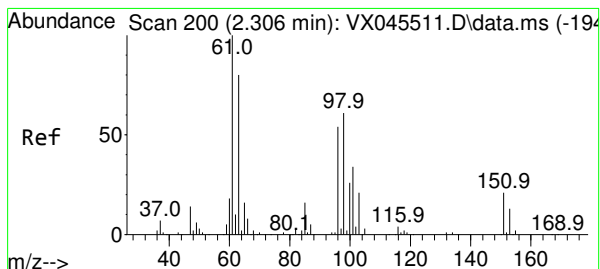
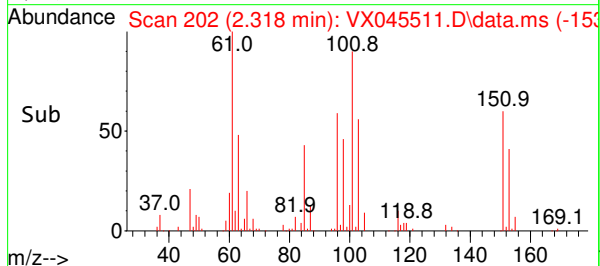
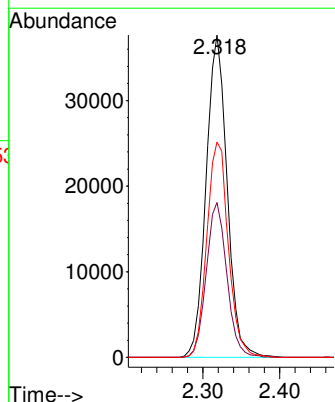
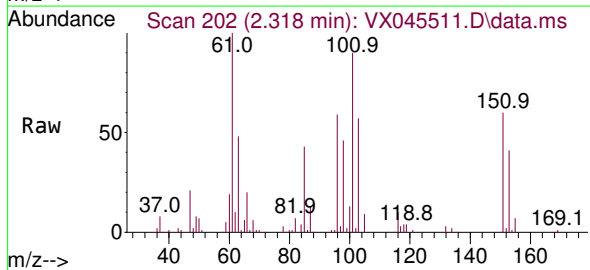




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.561 ug/L
RT: 2.318 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

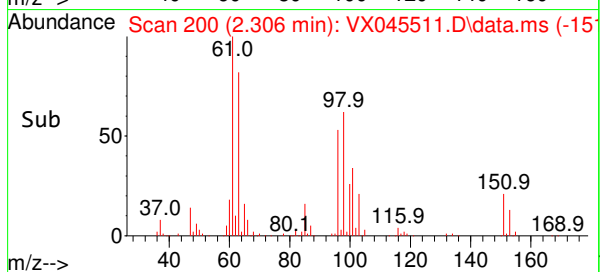
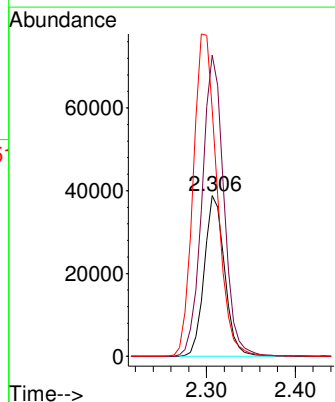
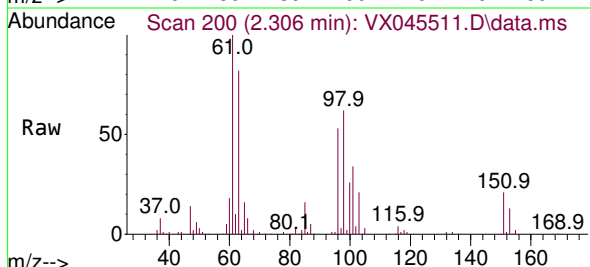
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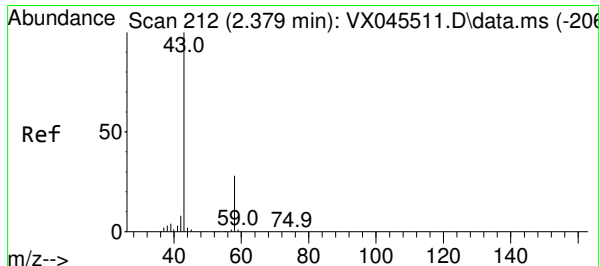
Tgt Ion: 101 Resp: 71702
Ion Ratio Lower Upper
101 100
85 47.2 35.4 53.0
151 68.4 57.0 85.4



#12
1,1-Dichloroethene
Concen: 52.528 ug/L
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 96 Resp: 61626
Ion Ratio Lower Upper
96 100
61 187.3 115.1 213.8
63 153.7 74.1 137.5#

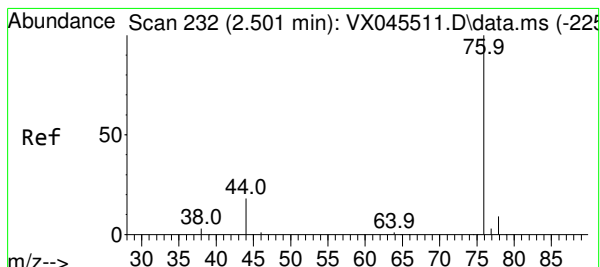
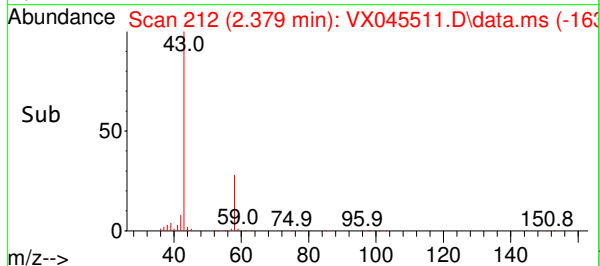
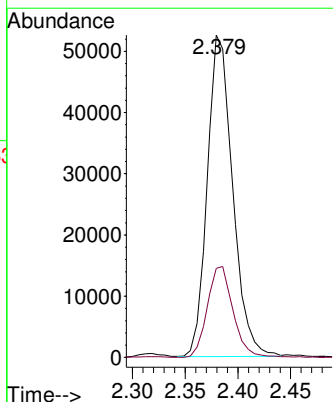
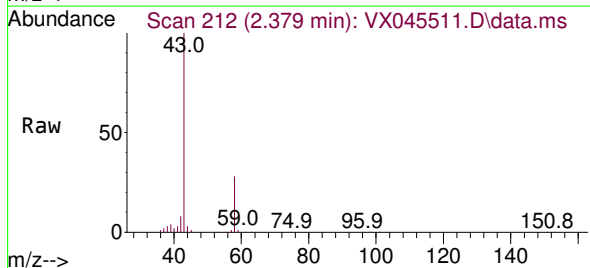




#13
Acetone
Concen: 109.465 ug/L
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045511.D
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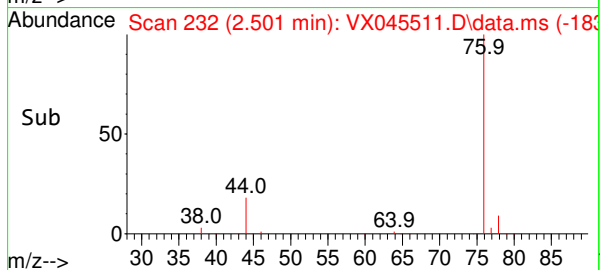
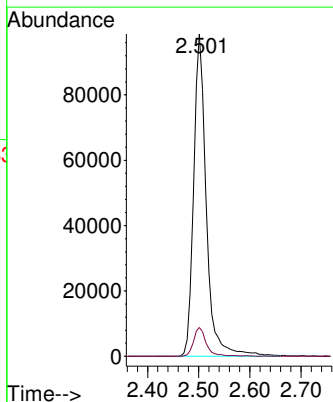
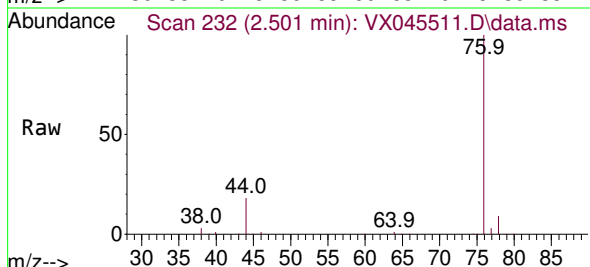
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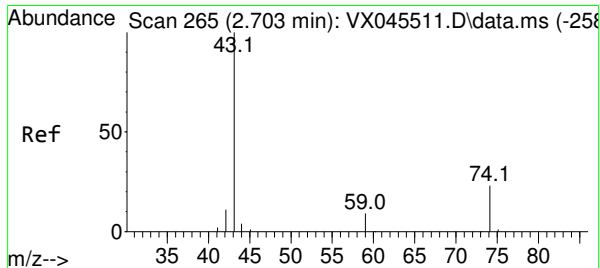
Tgt Ion: 43 Resp: 88292
Ion Ratio Lower Upper
43 100
58 28.6 0.0 64.6



#14
Carbon disulfide
Concen: 56.205 ug/L
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 169907
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

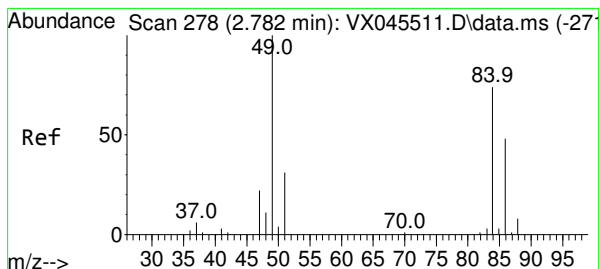
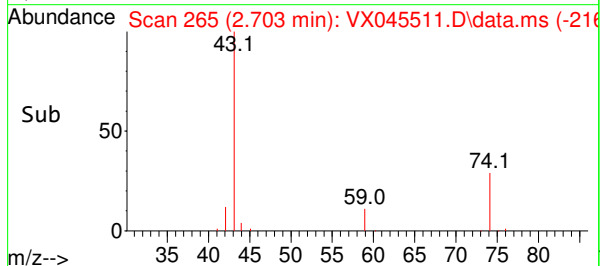
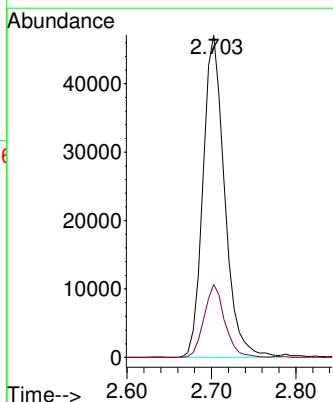
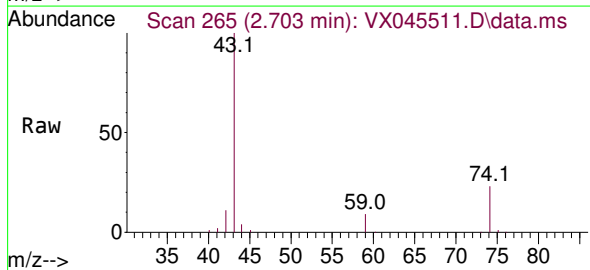




#15
Methyl Acetate
Concen: 52.559 ug/L
RT: 2.703 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

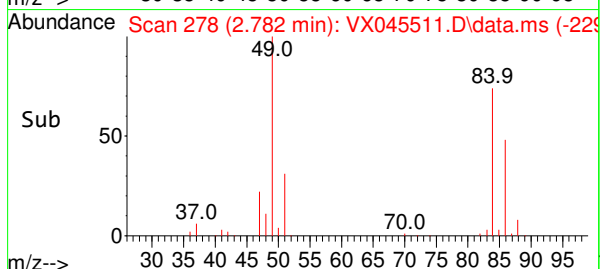
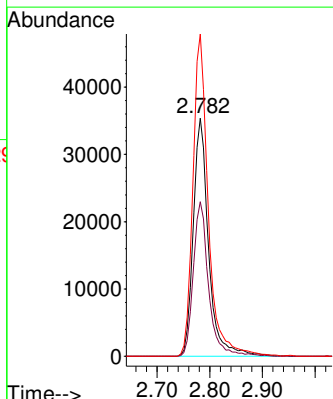
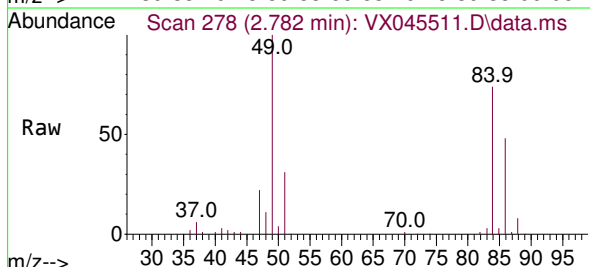
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

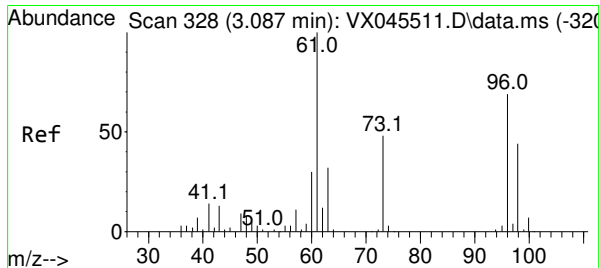
Tgt Ion: 43 Resp: 84184
Ion Ratio Lower Upper
43 100
74 21.7 19.7 29.5



#16
Methylene chloride
Concen: 52.445 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 84 Resp: 71286
Ion Ratio Lower Upper
84 100
86 65.0 45.6 84.8
49 135.3 84.6 157.0

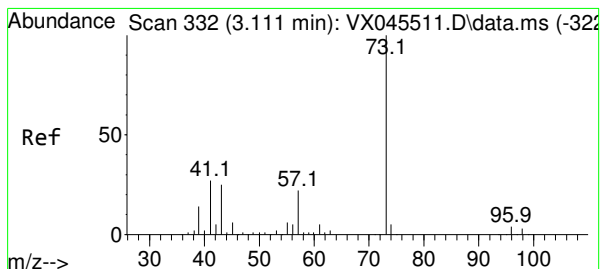
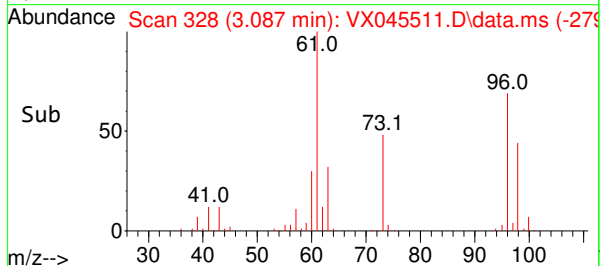
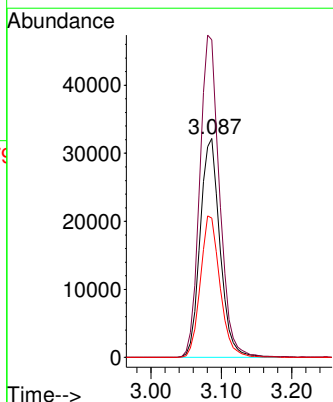
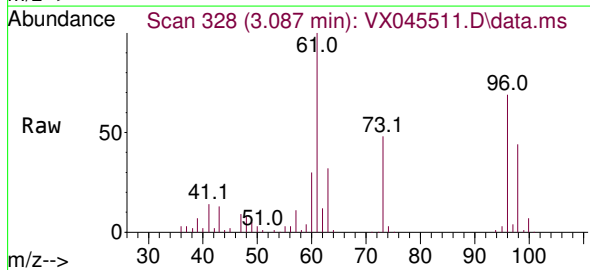




#17
trans-1,2-Dichloroethene
Concen: 53.813 ug/L
RT: 3.087 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

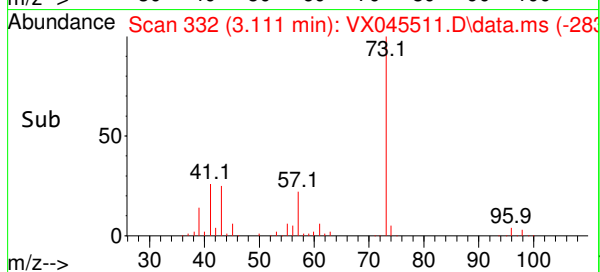
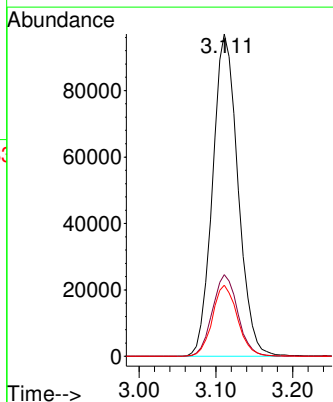
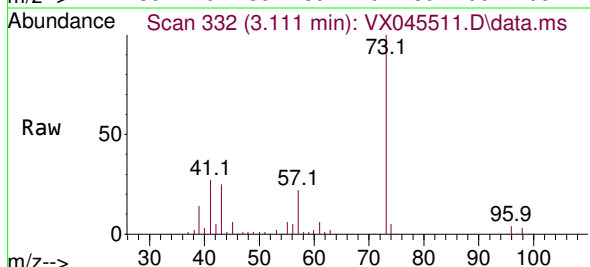
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

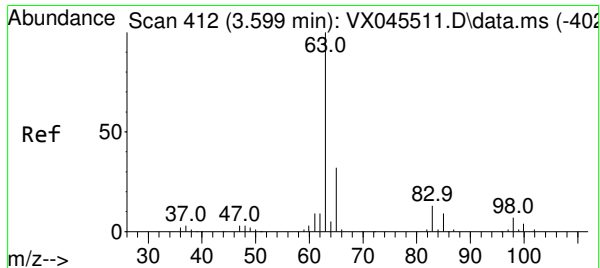
Tgt Ion:	96	Resp:	63121
Ion	Ratio	Lower	Upper
96	100		
61	145.0	98.3	182.7
98	63.7	44.1	81.9



#18
Methyl tert-butyl Ether
Concen: 54.744 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion:	73	Resp:	222887
Ion	Ratio	Lower	Upper
73	100		
43	25.3	16.9	25.3#
57	21.8	17.4	26.0

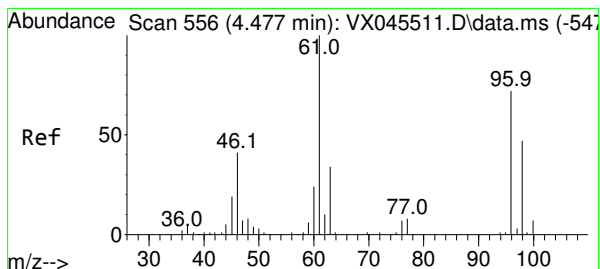
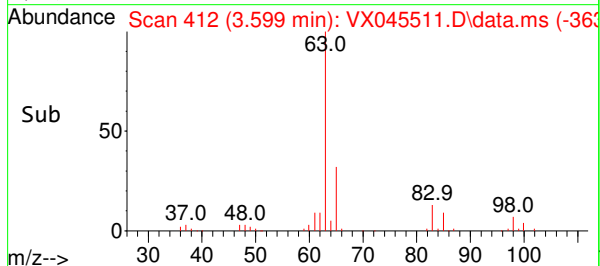
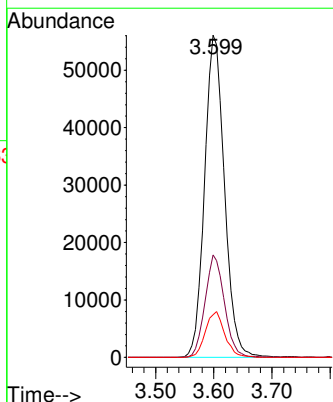
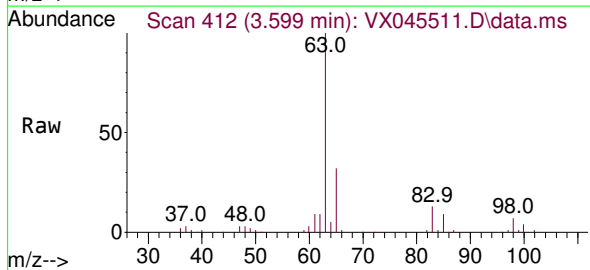




#19
1,1-Dichloroethane
Concen: 54.617 ug/L
RT: 3.599 min Scan# 412
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

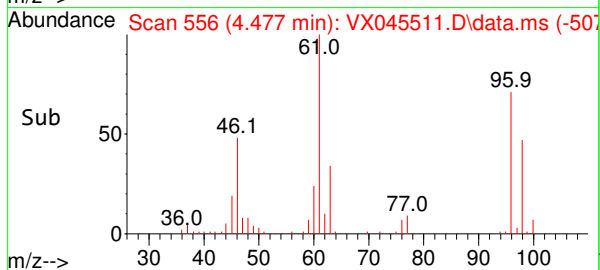
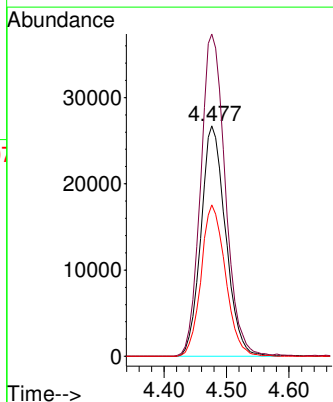
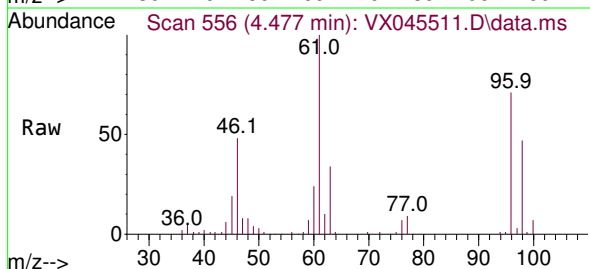
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

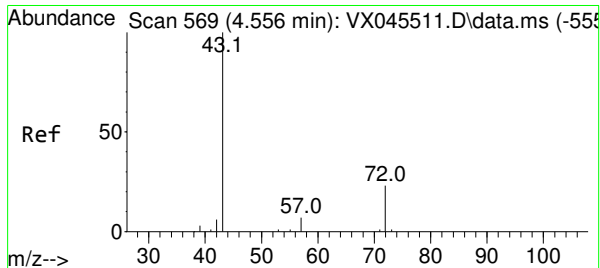
Tgt Ion:	63	Resp:	133683
Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.8	40.6
83	13.2	9.4	17.4



#20
cis-1,2-Dichloroethene
Concen: 54.296 ug/L
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion:	96	Resp:	73344
Ion	Ratio	Lower	Upper
96	100		
61	139.9	88.3	163.9
98	65.7	44.6	82.8

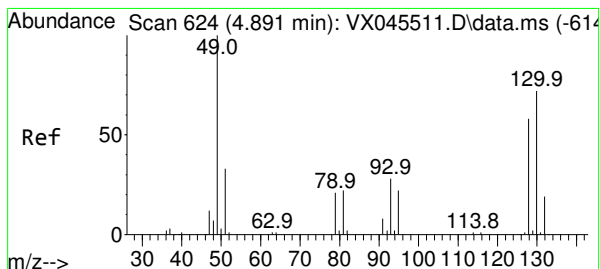
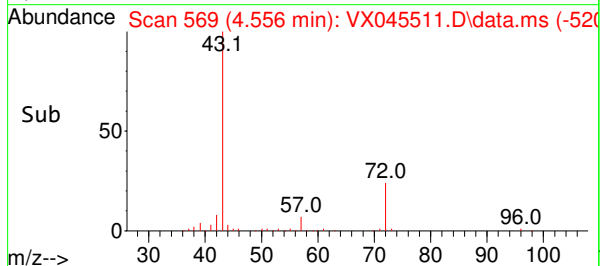
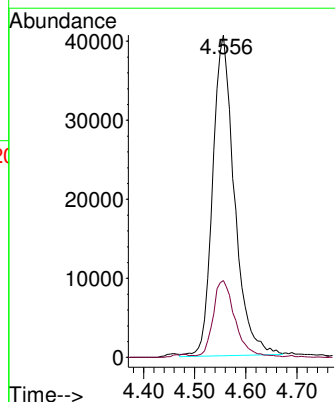
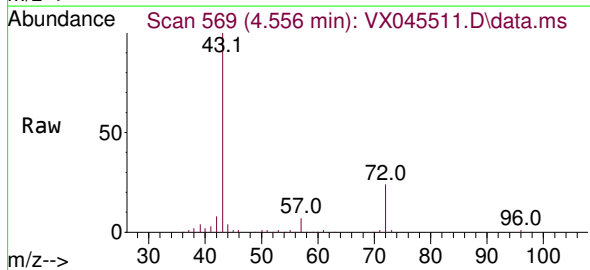




#22
2-Butanone
Concen: 102.502 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

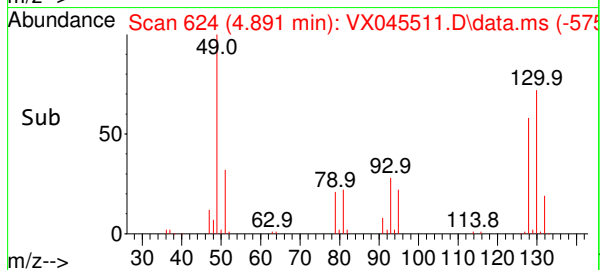
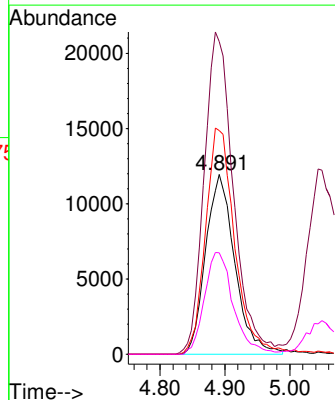
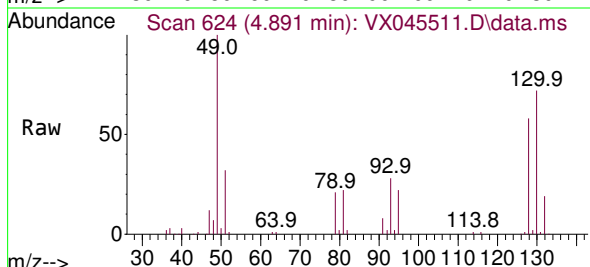
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

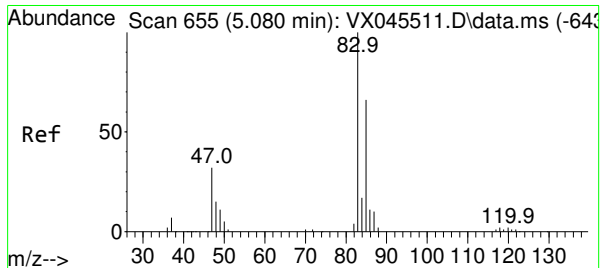
Tgt Ion: 43 Resp: 119968
Ion Ratio Lower Upper
43 100
72 24.4 13.4 40.2



#23
Bromochloromethane
Concen: 55.780 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 128 Resp: 37284
Ion Ratio Lower Upper
128 100
49 173.7 117.6 218.4
130 124.3 92.0 170.9
51 56.4 44.2 66.4

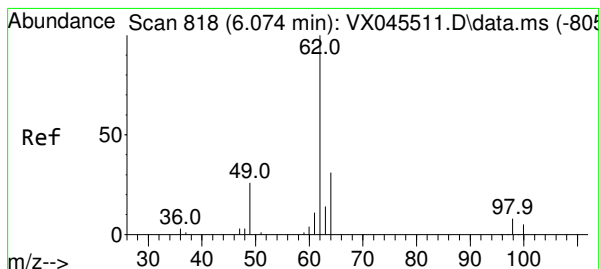
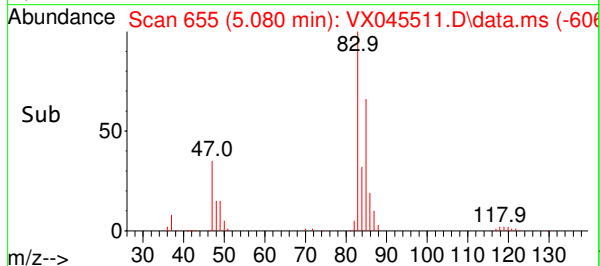
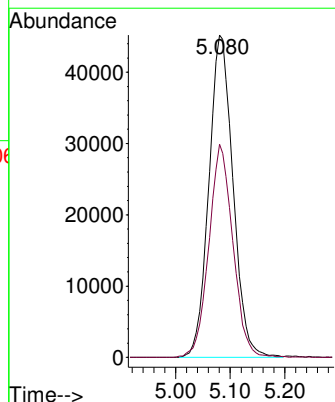
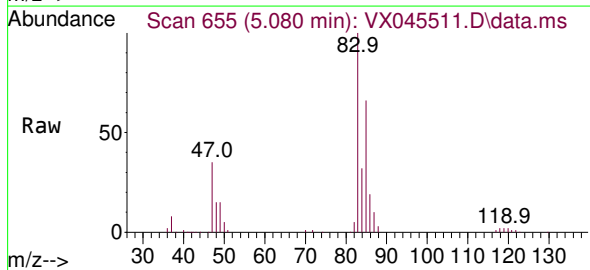




#25
Chloroform
Concen: 54.260 ug/L
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

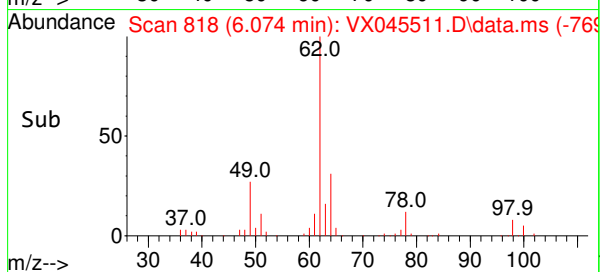
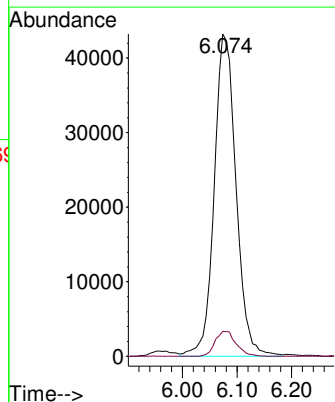
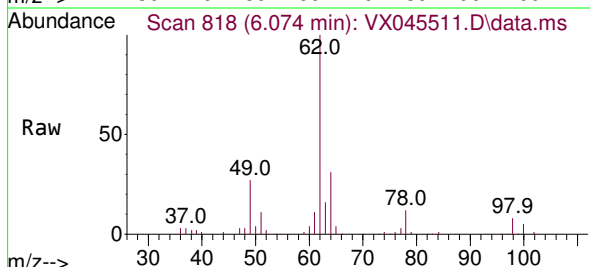
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

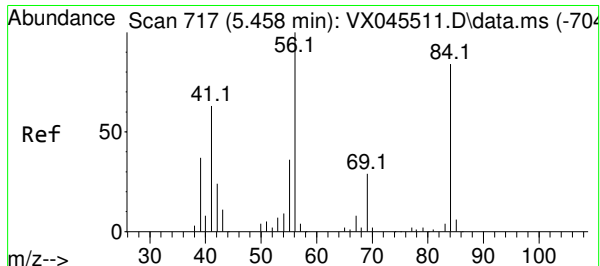
Tgt Ion: 83 Resp: 139232
Ion Ratio Lower Upper
83 100
85 66.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 54.653 ug/L
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 62 Resp: 120458
Ion Ratio Lower Upper
62 100
98 7.8 7.4 11.2

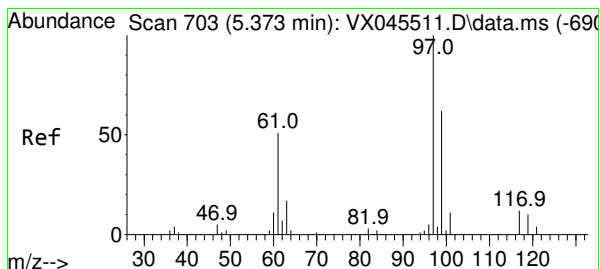
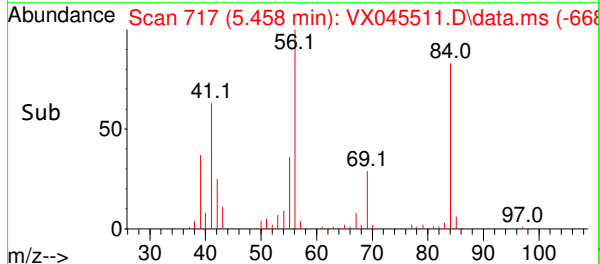
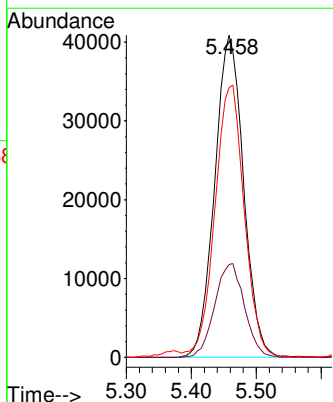
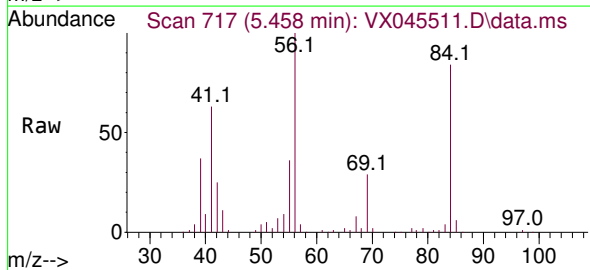




#29
Cyclohexane
Concen: 53.713 ug/L
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

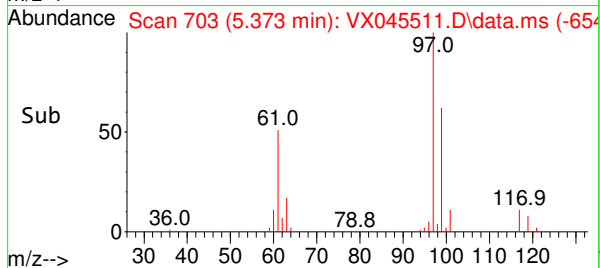
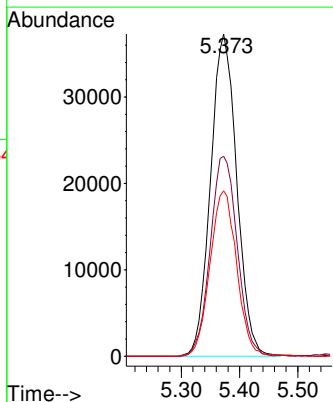
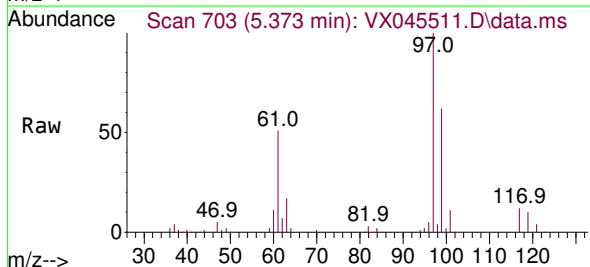
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

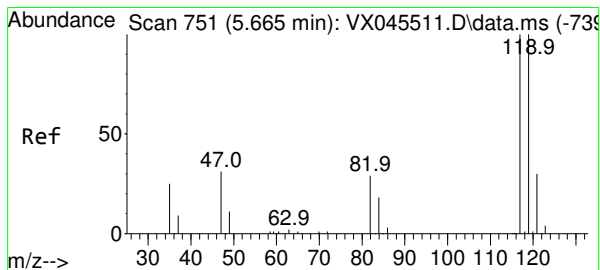
Tgt Ion: 56 Resp: 126278
Ion Ratio Lower Upper
56 100
69 29.9 25.4 38.2
84 85.6 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 54.845 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 97 Resp: 116642
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 52.3 35.8 53.6

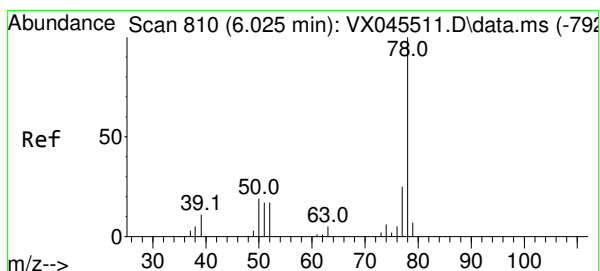
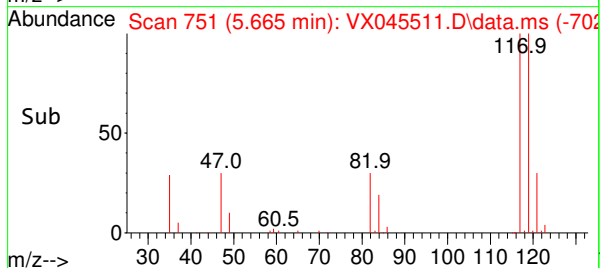
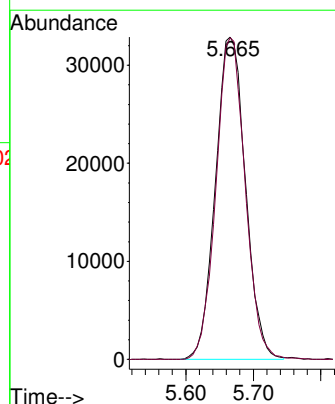
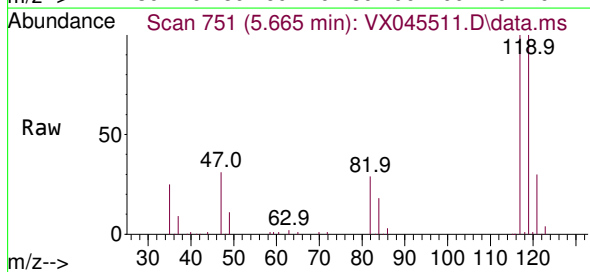




#31
Carbon tetrachloride
Concen: 55.031 ug/L
RT: 5.665 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

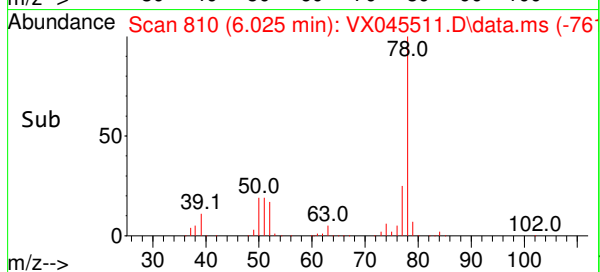
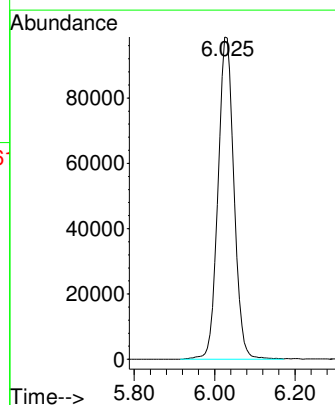
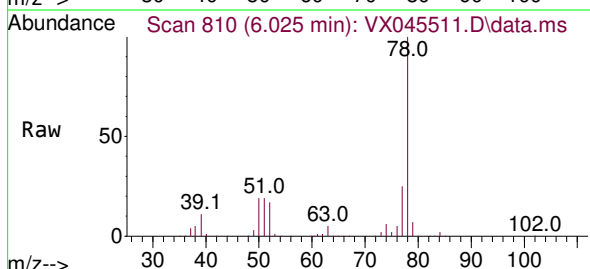
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

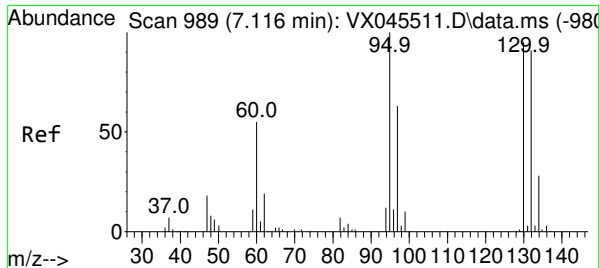
Tgt Ion:117 Resp: 101502
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 53.440 ug/L
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 78 Resp: 271973

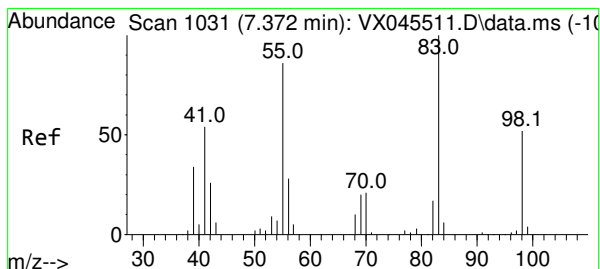
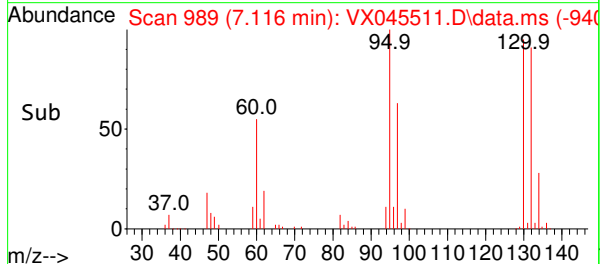
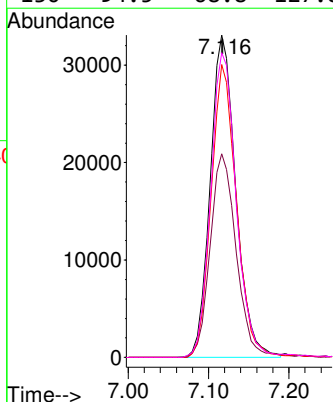
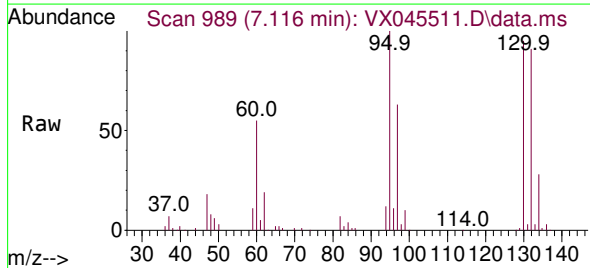




#34
Trichloroethene
Concen: 53.941 ug/L
RT: 7.116 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

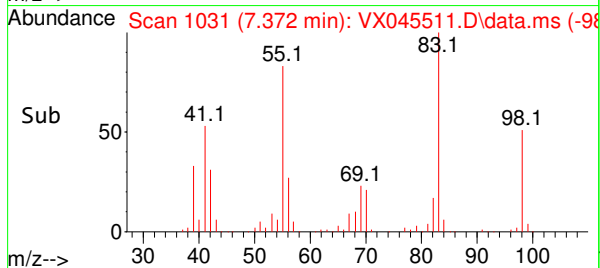
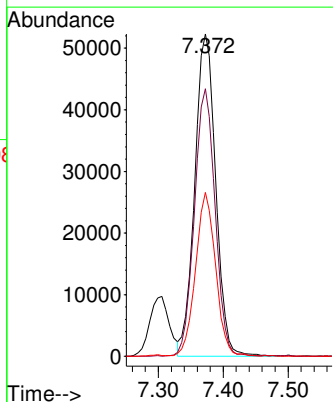
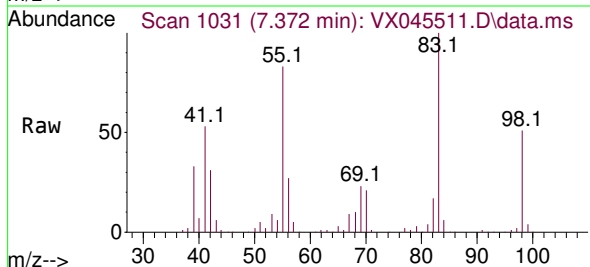
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

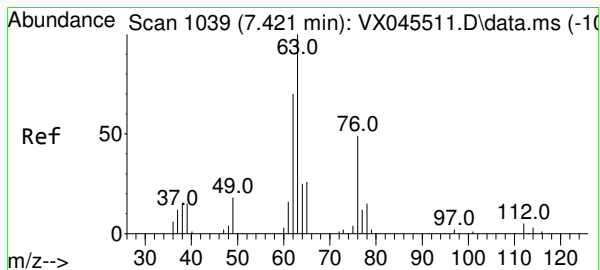
Tgt Ion:	95	Resp:	73028
Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.1	85.5
132	90.8	64.5	119.9
130	94.5	68.8	127.8



#35
Methylcyclohexane
Concen: 54.203 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion:	83	Resp:	117093
Ion	Ratio	Lower	Upper
83	100		
55	81.7	60.6	90.8
98	48.5	38.9	58.3

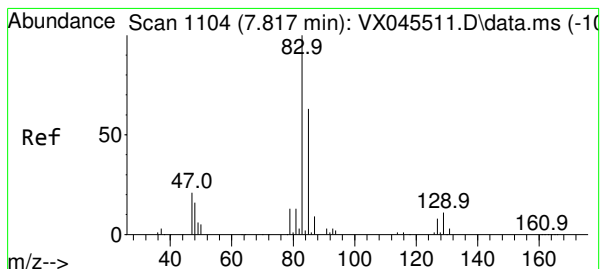
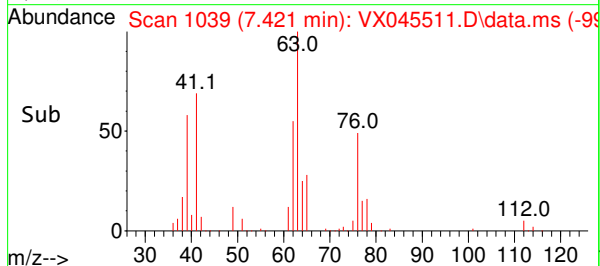
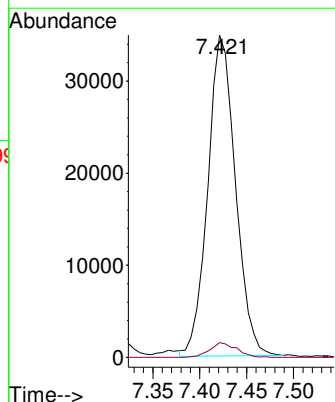
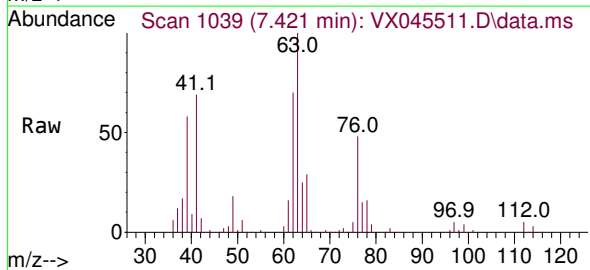




#37
1,2-Dichloropropane
Concen: 51.770 ug/L
RT: 7.421 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

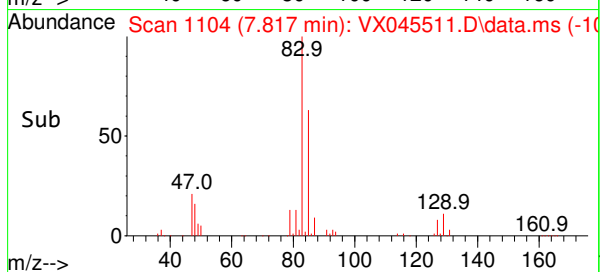
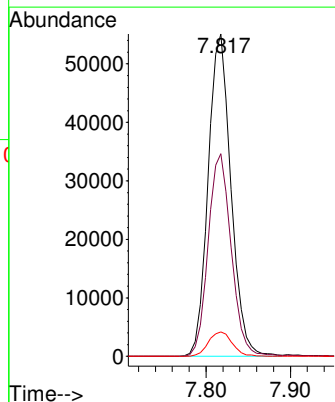
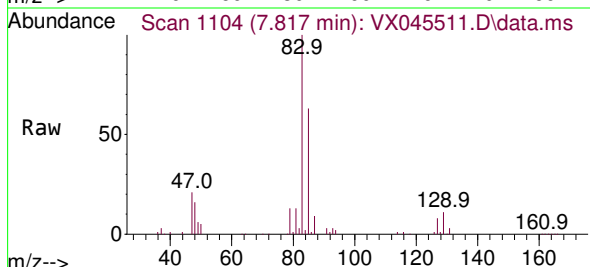
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

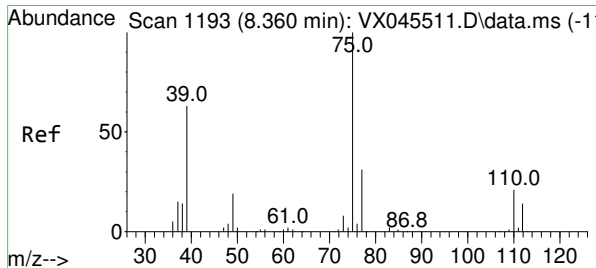
Tgt Ion: 63 Resp: 71432
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 54.797 ug/L
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 83 Resp: 103848
Ion Ratio Lower Upper
83 100
85 62.8 43.8 81.3
127 7.5 6.5 9.7

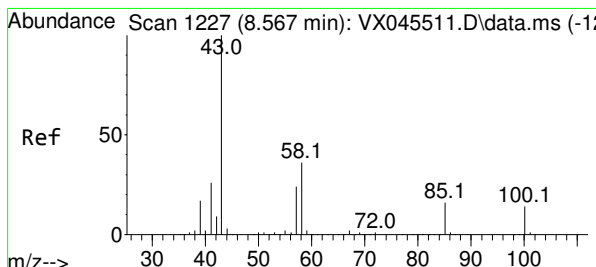
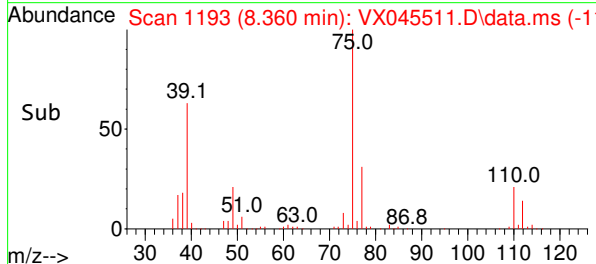
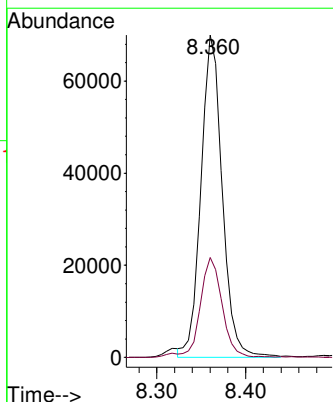
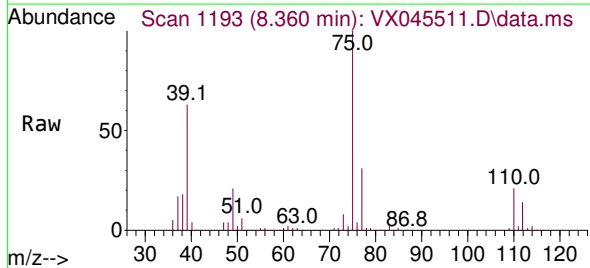




#39
 cis-1,3-Dichloropropene
 Concen: 57.572 ug/L
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045511.D
 Acq: 31 Mar 2025 10:12

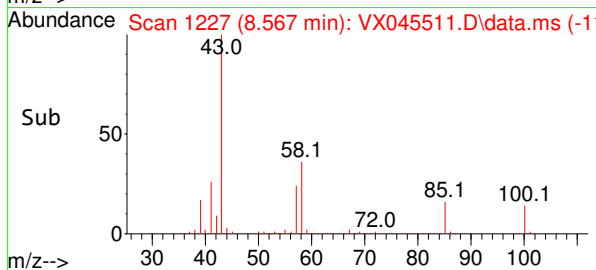
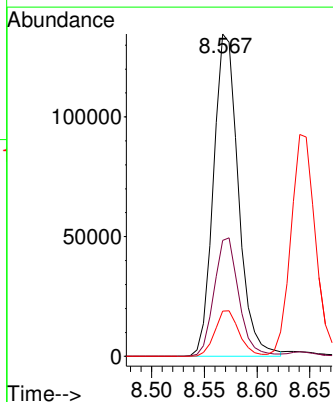
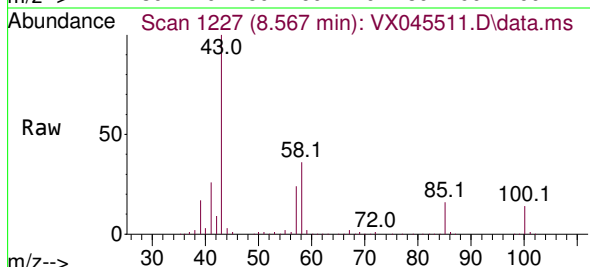
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

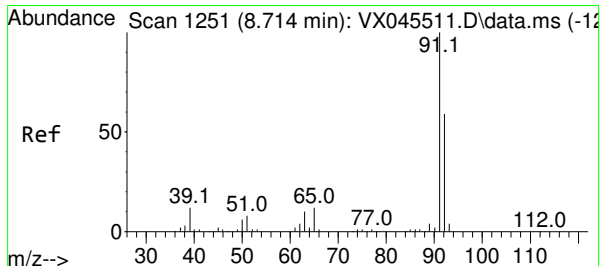
Tgt Ion: 75 Resp: 116338
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 105.169 ug/L
 RT: 8.567 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: VX045511.D
 Acq: 31 Mar 2025 10:12

Tgt Ion: 43 Resp: 222179
 Ion Ratio Lower Upper
 43 100
 58 36.6 32.1 48.1
 100 14.0 12.9 19.3

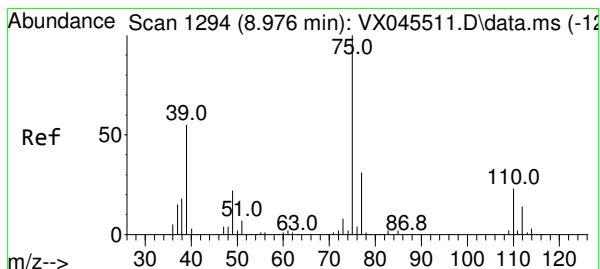
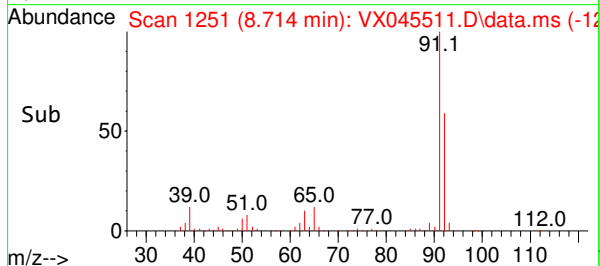
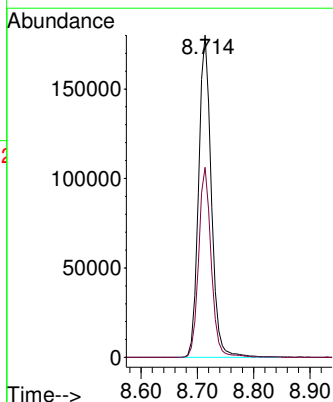
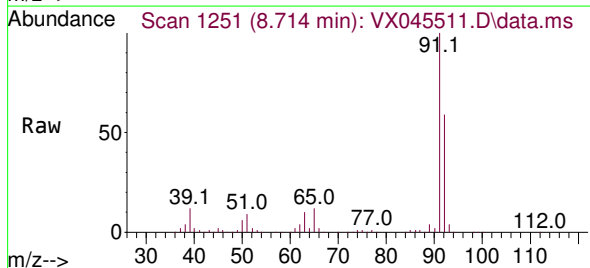




#42
Toluene
Concen: 54.368 ug/L
RT: 8.714 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

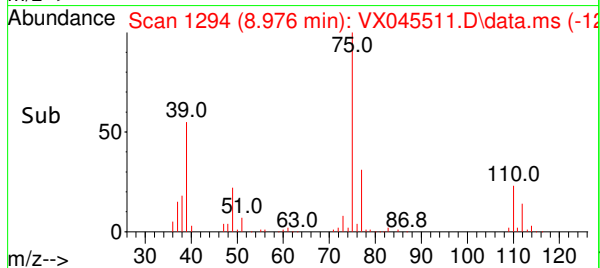
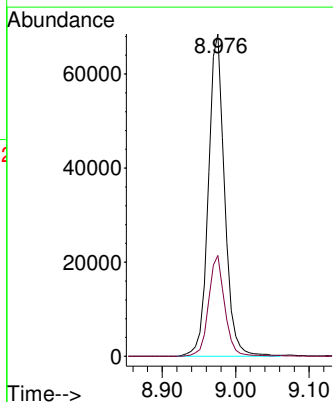
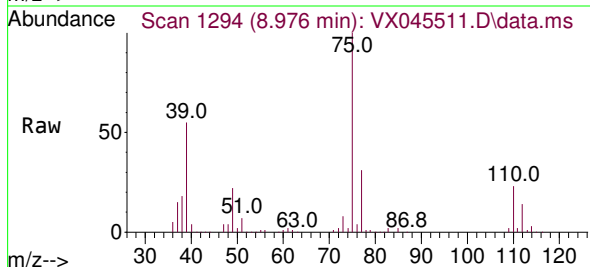
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

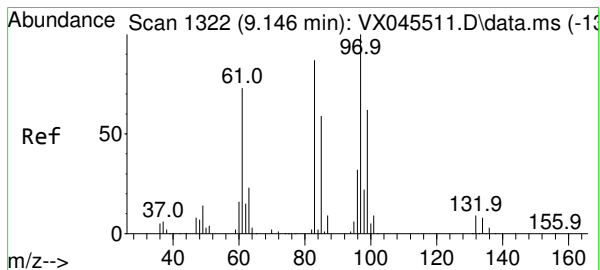
Tgt Ion: 91 Resp: 283899
Ion Ratio Lower Upper
91 100
92 59.0 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 55.807 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 75 Resp: 105064
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 52.382 ug/L

RT: 9.146 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045511.D

Acq: 31 Mar 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 69426

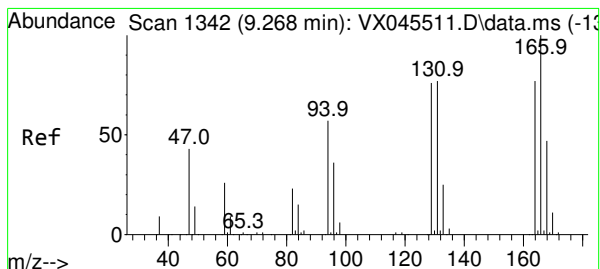
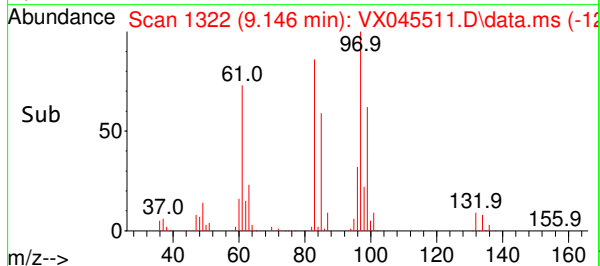
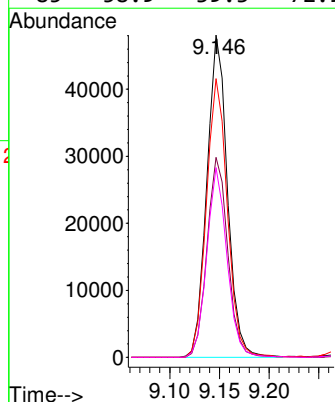
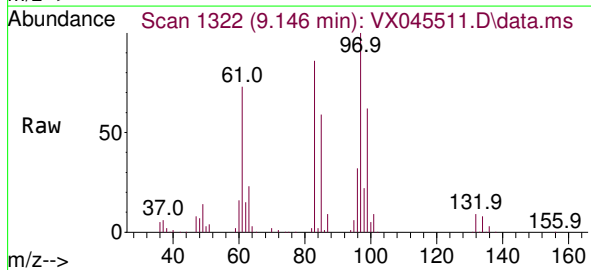
Ion Ratio Lower Upper

97 100

99 62.1 44.8 83.2

83 86.5 60.8 113.0

85 58.9 39.3 72.9



#46

Tetrachloroethene

Concen: 54.183 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX045511.D

Acq: 31 Mar 2025 10:12

Tgt Ion:164 Resp: 50249

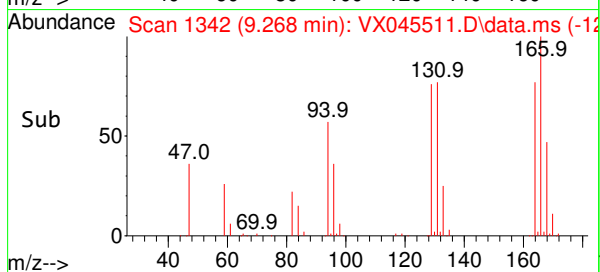
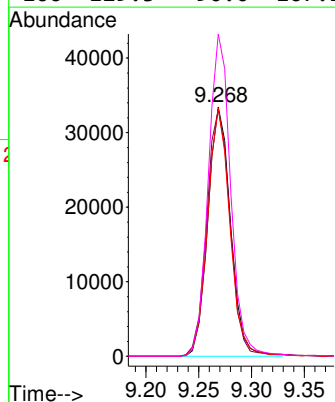
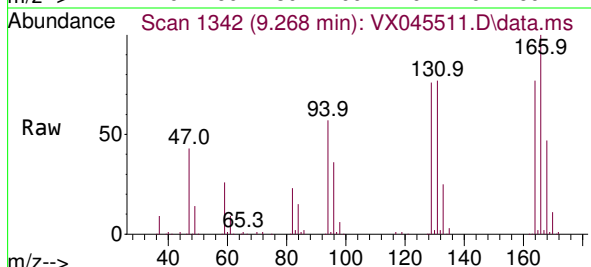
Ion Ratio Lower Upper

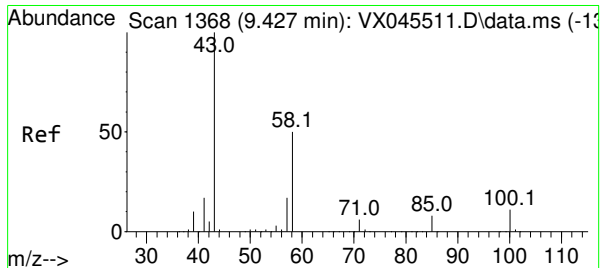
164 100

129 98.8 71.2 132.2

131 99.6 67.2 124.8

166 129.3 90.0 167.2

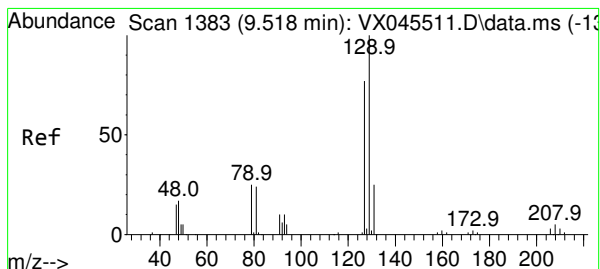
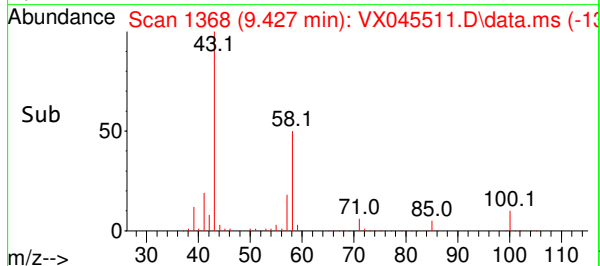
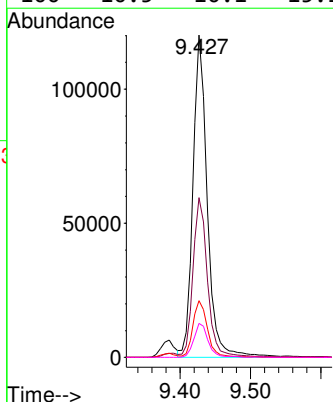
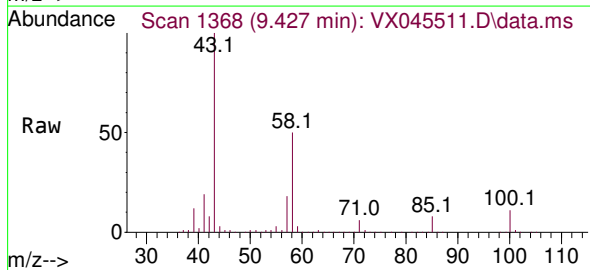




#48
2-Hexanone
Concen: 106.655 ug/L
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

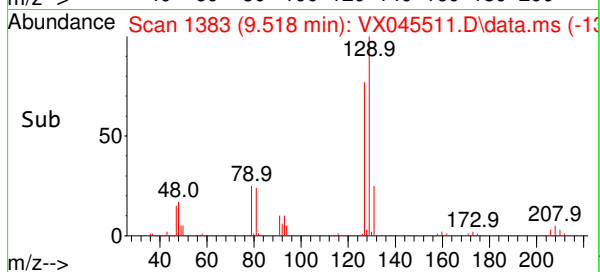
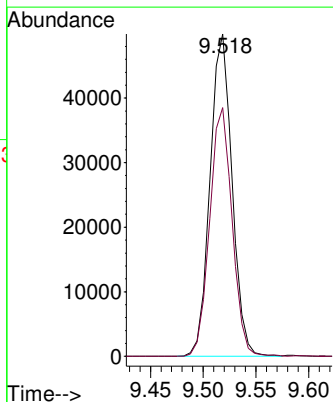
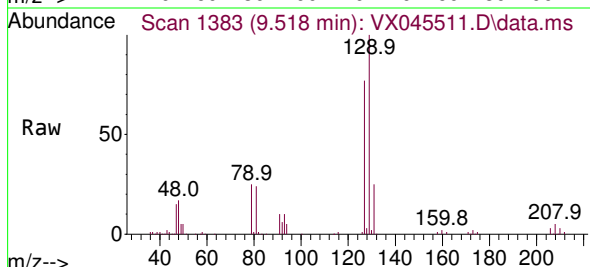
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

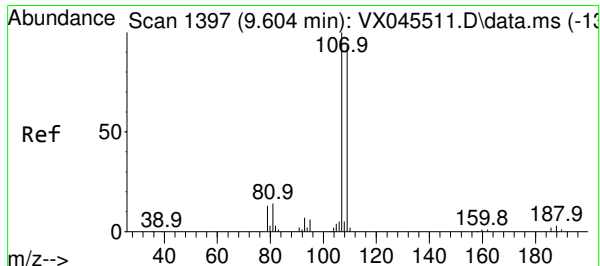
Tgt Ion:	43	Resp:	169850
Ion	Ratio	Lower	Upper
43	100		
58	49.2	44.3	66.5
57	17.9	15.9	23.9
100	10.5	10.1	15.1



#49
Dibromochloromethane
Concen: 54.968 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion:	129	Resp:	72684
Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.6	99.6

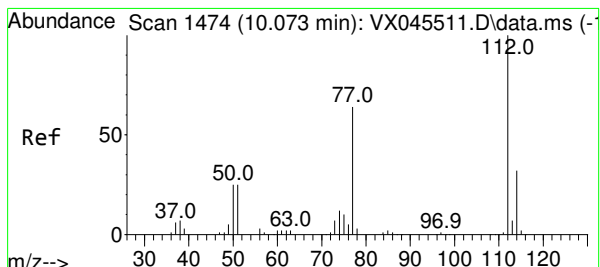
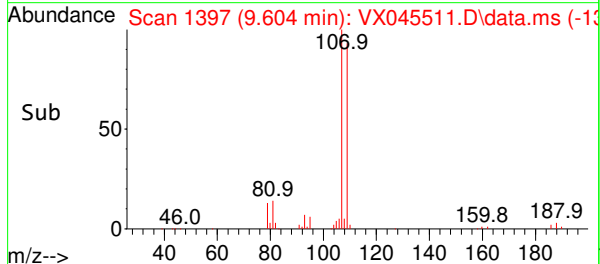
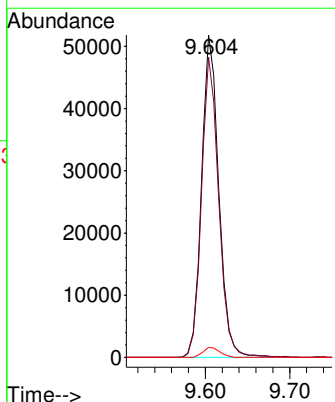
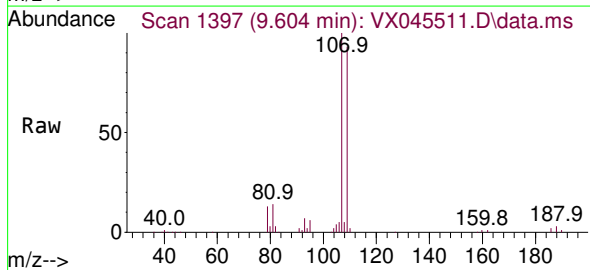




#50
1,2-Dibromoethane
Concen: 53.387 ug/L
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

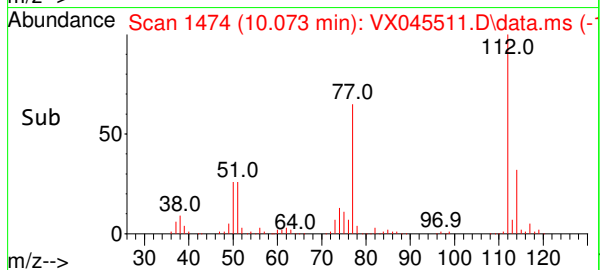
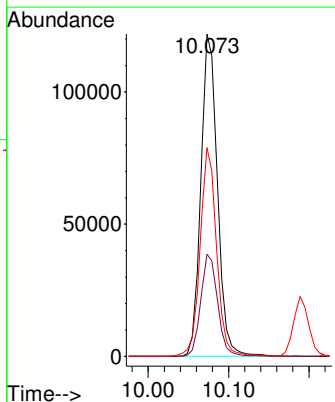
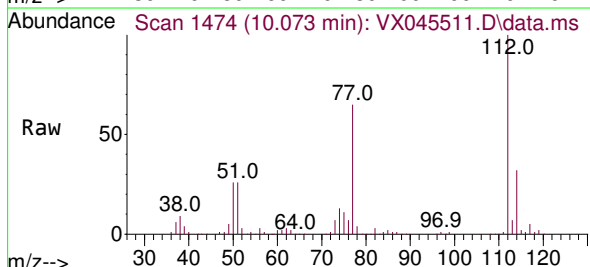
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

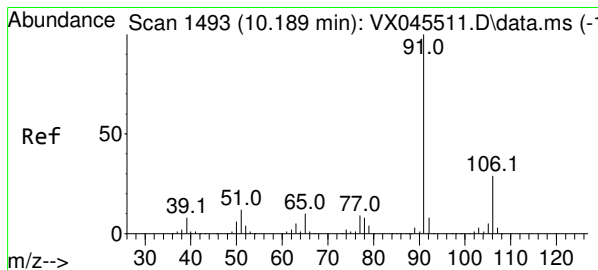
Tgt Ion:	107	Resp:	73612
Ion	Ratio	Lower	Upper
107	100		
109	93.1	67.2	124.8
188	3.1	2.2	3.4



#51
Chlorobenzene
Concen: 53.500 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion:	112	Resp:	175273
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.4	41.6
77	64.7	49.2	73.8

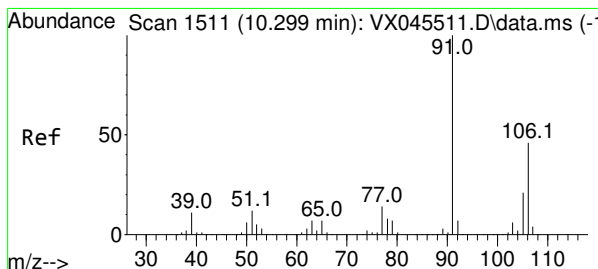
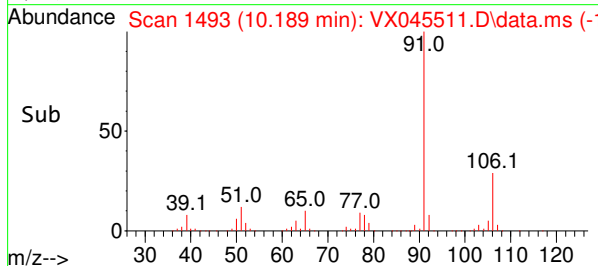
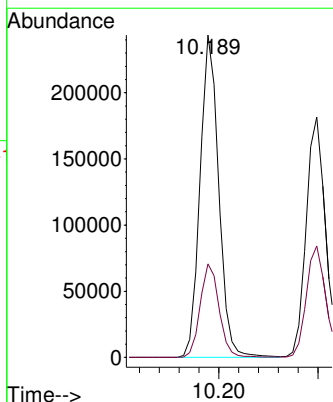
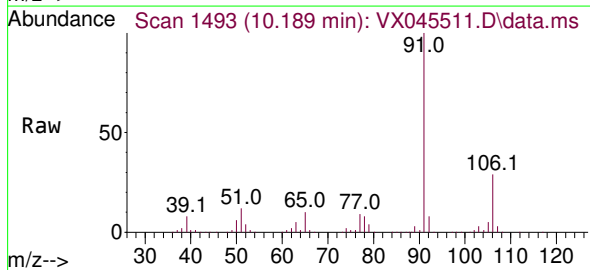




#52
Ethylbenzene
Concen: 53.949 ug/L
RT: 10.189 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

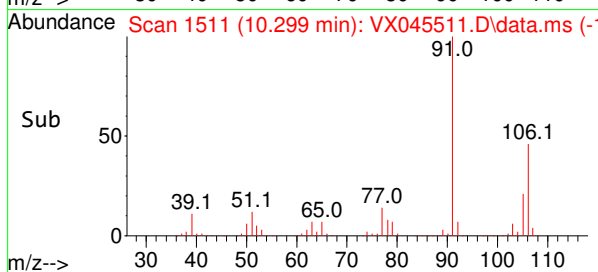
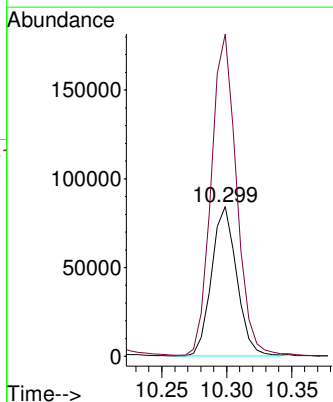
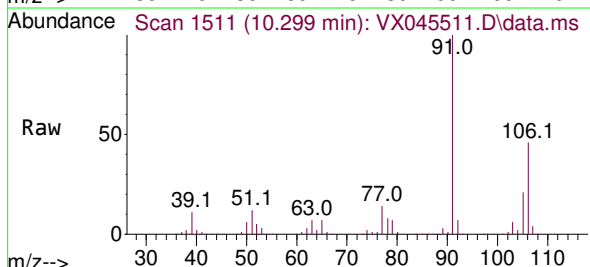
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

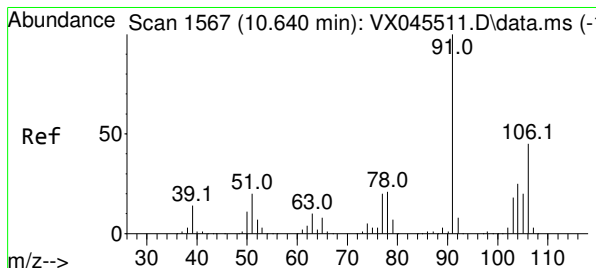
Tgt Ion: 91 Resp: 317096
Ion Ratio Lower Upper
91 100
106 29.0 21.1 39.3



#53
m,p-Xylene
Concen: 53.299 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion:106 Resp: 113566
Ion Ratio Lower Upper
106 100
91 215.4 145.2 269.6

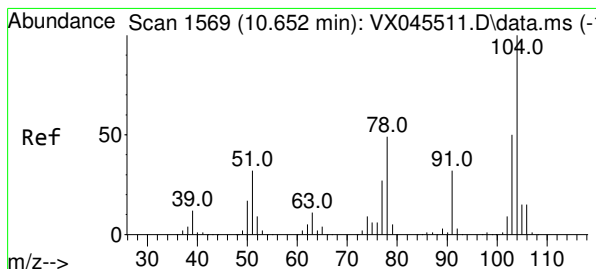
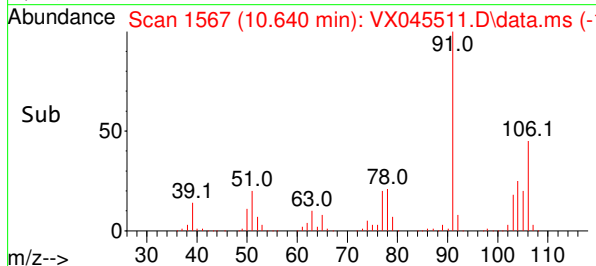
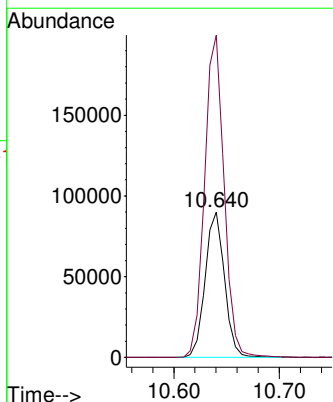
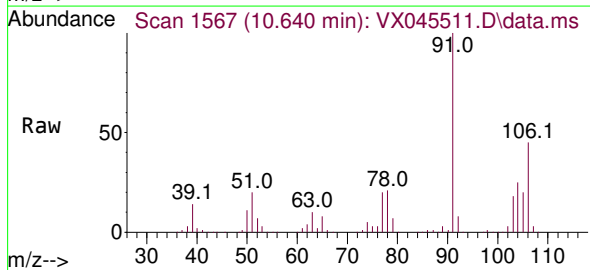




#54
o-Xylene
Concen: 55.007 ug/L
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

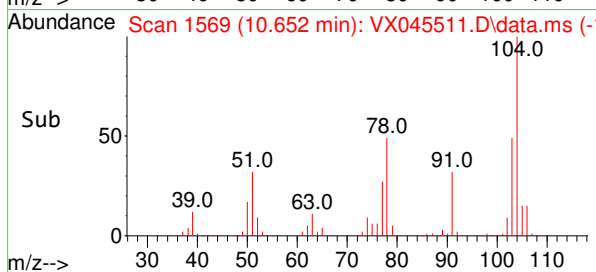
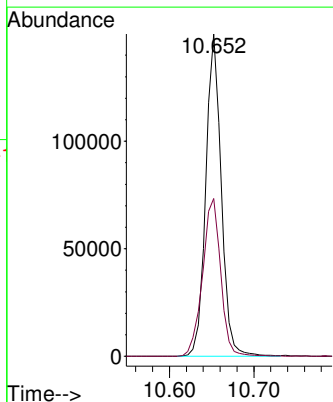
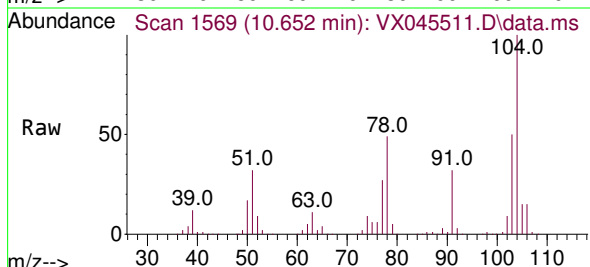
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

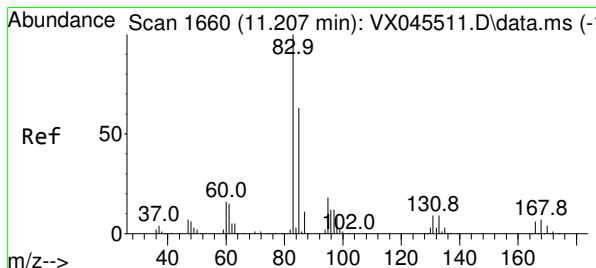
Tgt Ion:106 Resp: 115129
Ion Ratio Lower Upper
106 100
91 221.9 153.2 284.4



#55
Styrene
Concen: 54.758 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion:104 Resp: 191800
Ion Ratio Lower Upper
104 100
78 49.0 32.7 60.7

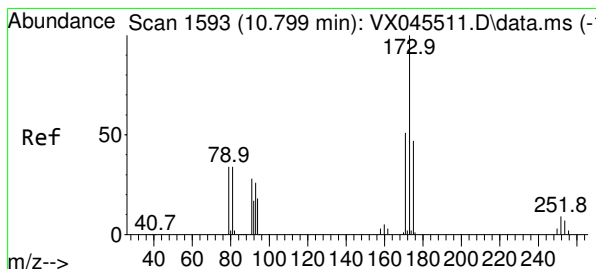
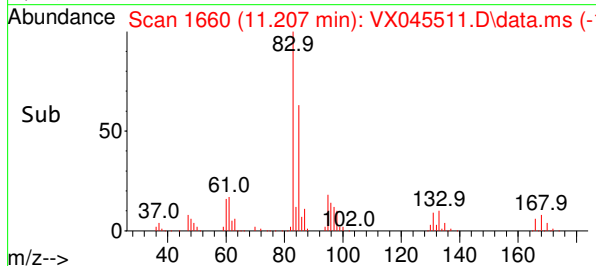
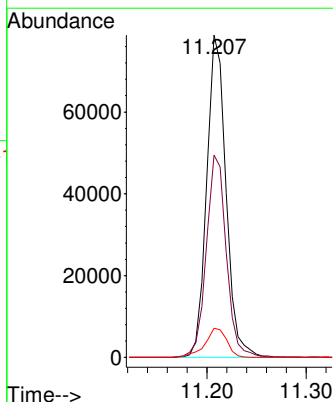
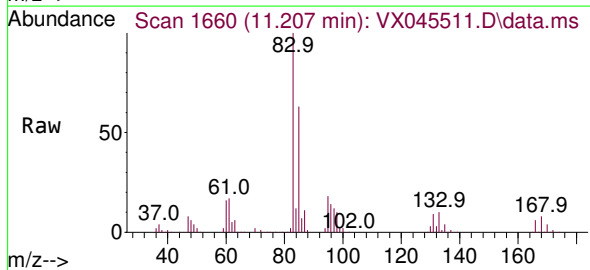




#57
1,1,2,2-Tetrachloroethane
Concen: 50.988 ug/L
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

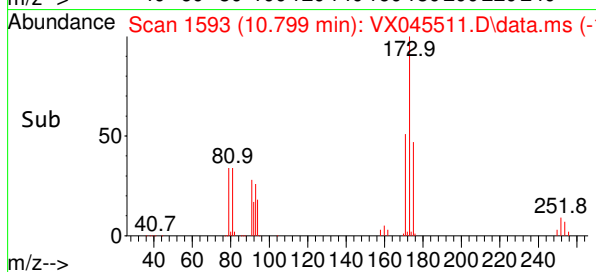
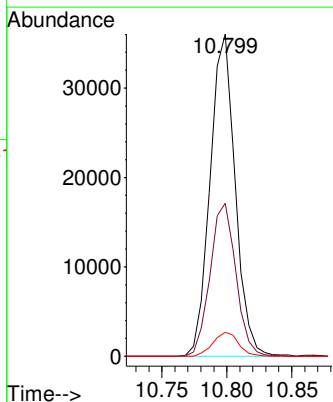
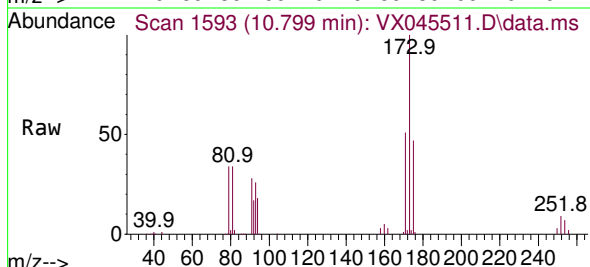
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

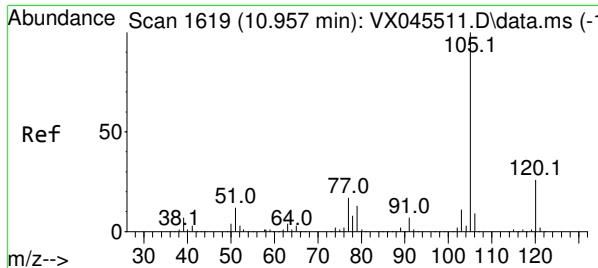
Tgt Ion: 83 Resp: 106216
Ion Ratio Lower Upper
83 100
85 62.8 44.9 83.5
131 9.1 8.0 12.0



#59
Bromoform
Concen: 56.888 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 173 Resp: 48425
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 7.6 6.6 10.0

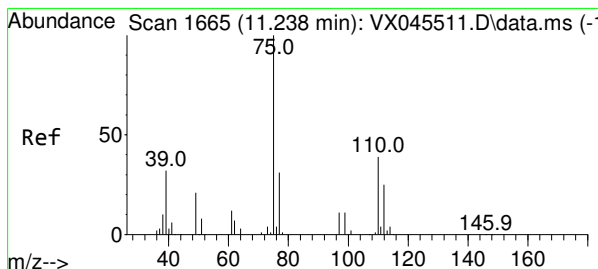
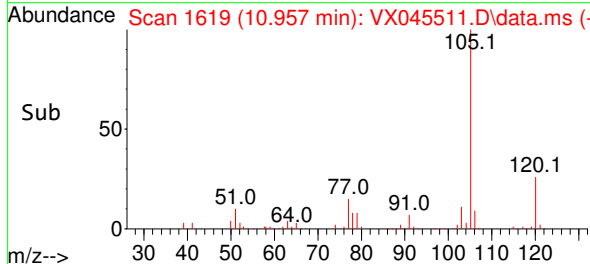
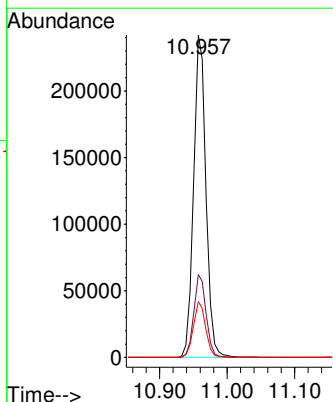
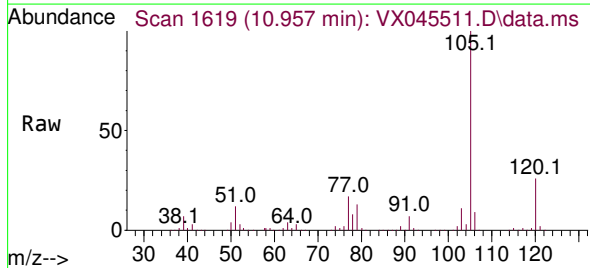




#60
Isopropylbenzene
Concen: 56.177 ug/L
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

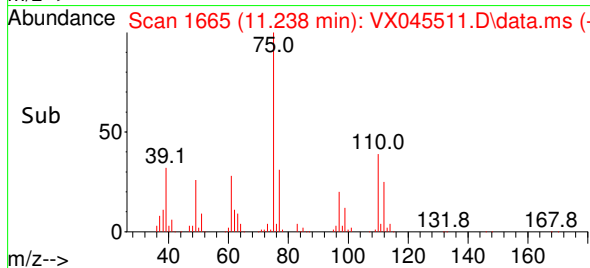
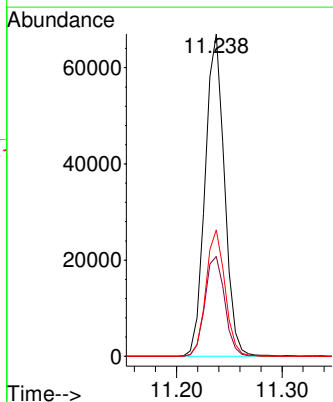
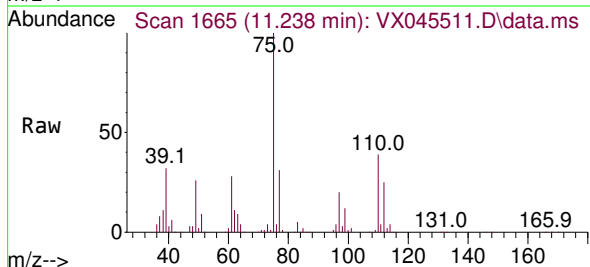
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

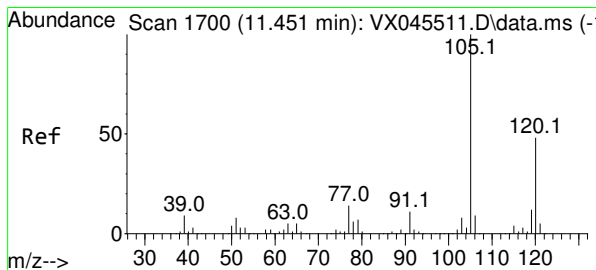
Tgt Ion:105 Resp: 309016
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 17.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 52.197 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion: 75 Resp: 85809
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 38.7 30.8 46.2

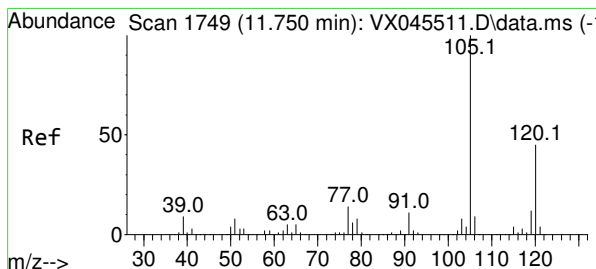
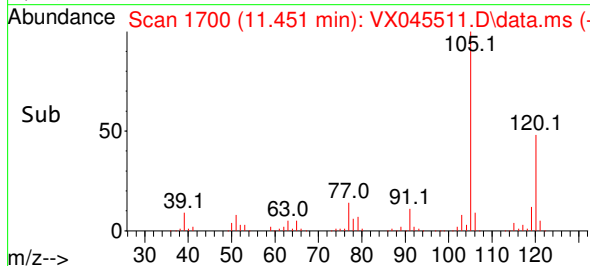
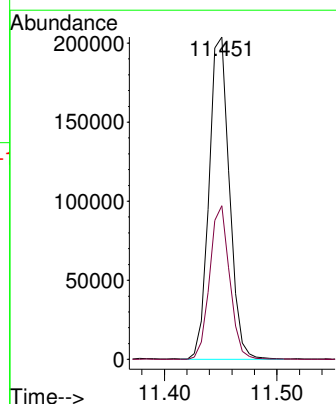
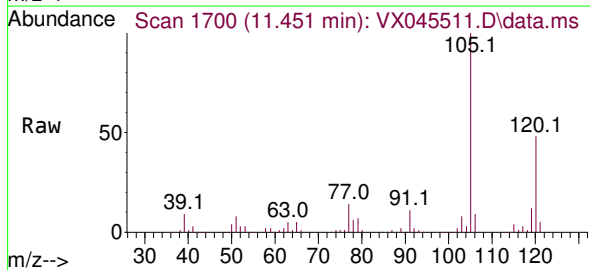




#62
 1,3,5-Trimethylbenzene
 Concen: 57.166 ug/L
 RT: 11.451 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX045511.D
 Acq: 31 Mar 2025 10:12

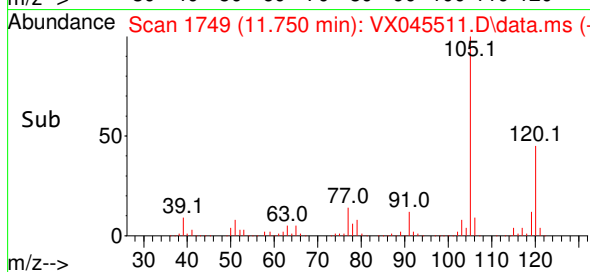
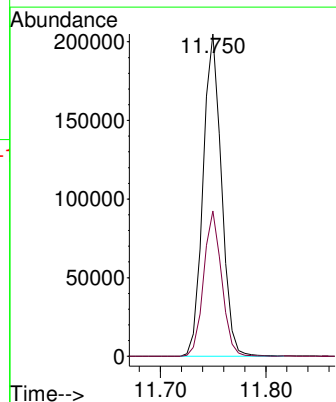
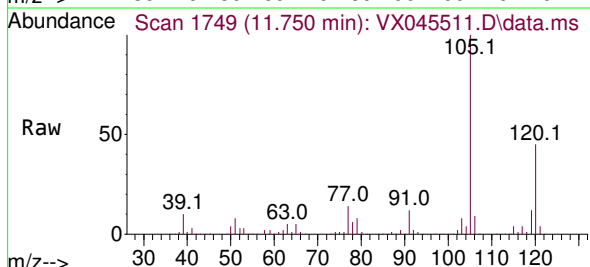
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

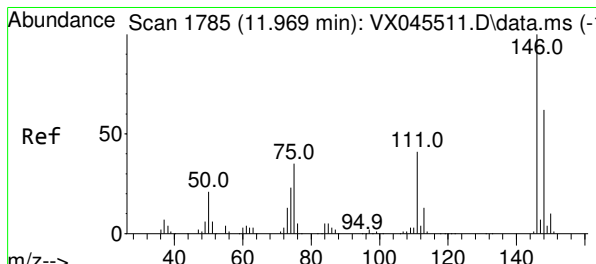
Tgt Ion:105 Resp: 257205
 Ion Ratio Lower Upper
 105 100
 120 46.7 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 56.274 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX045511.D
 Acq: 31 Mar 2025 10:12

Tgt Ion:105 Resp: 248522
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.7 53.5

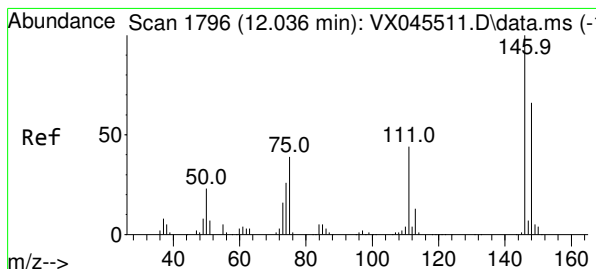
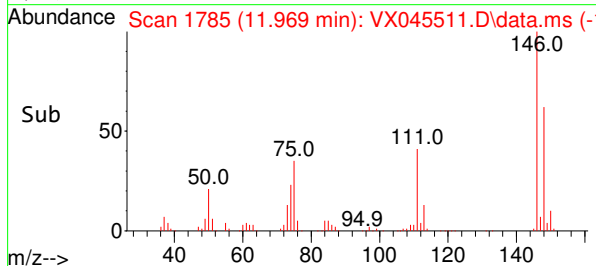
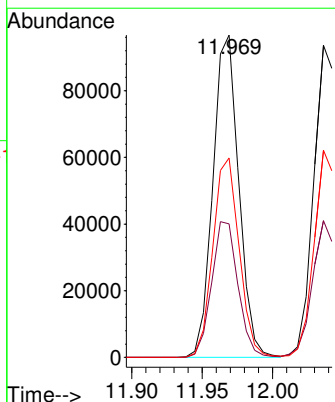
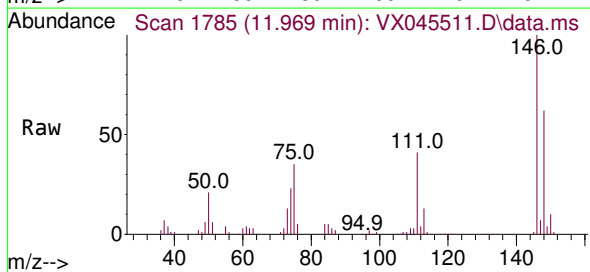




#64
 1,3-Dichlorobenzene
 Concen: 55.116 ug/L
 RT: 11.969 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX045511.D
 Acq: 31 Mar 2025 10:12

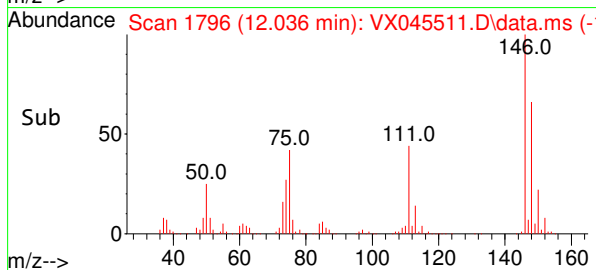
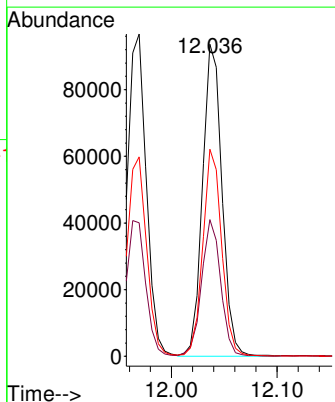
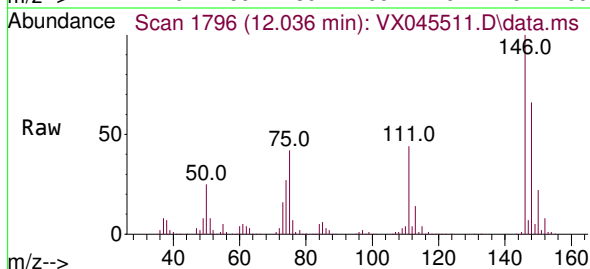
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

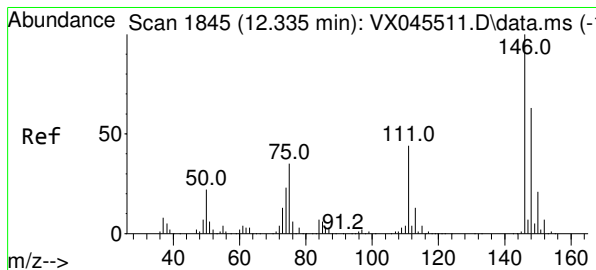
Tgt Ion:	146	Resp:	123169
Ion	Ratio	Lower	Upper
146	100		
111	41.4	29.5	54.9
148	61.8	44.4	82.5



#65
 1,4-Dichlorobenzene
 Concen: 54.046 ug/L
 RT: 12.036 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: VX045511.D
 Acq: 31 Mar 2025 10:12

Tgt Ion:	146	Resp:	120439
Ion	Ratio	Lower	Upper
146	100		
111	43.9	29.7	55.1
148	66.4	43.5	80.7





#67

1,2-Dichlorobenzene

Concen: 54.752 ug/L

RT: 12.335 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045511.D

Acq: 31 Mar 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

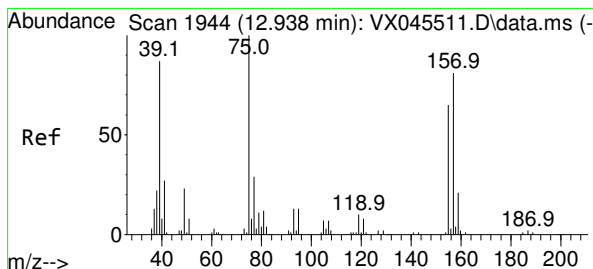
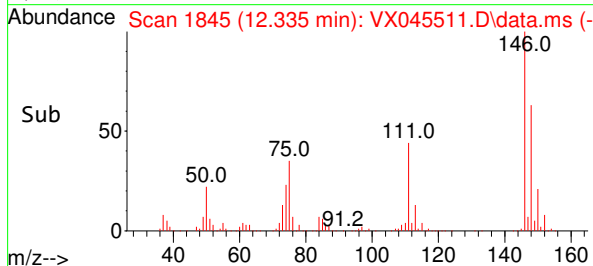
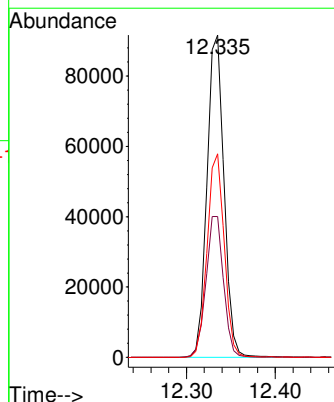
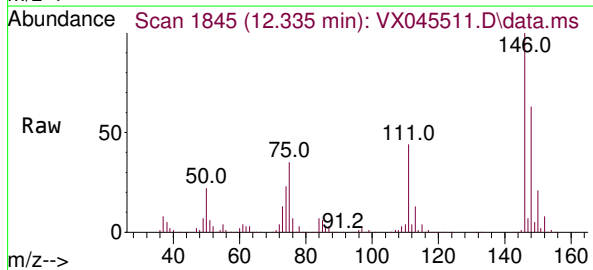
Tgt Ion:146 Resp: 121703

Ion Ratio Lower Upper

146 100

111 43.7 36.1 54.1

148 63.2 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 55.995 ug/L

RT: 12.938 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX045511.D

Acq: 31 Mar 2025 10:12

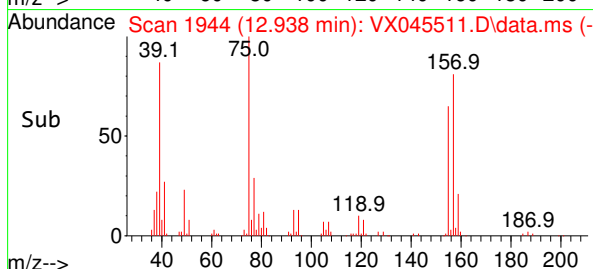
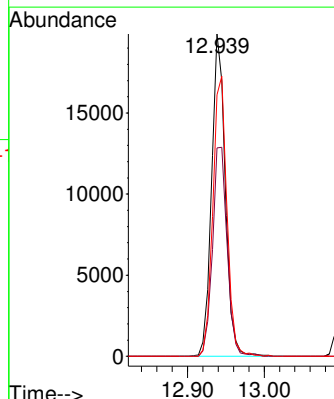
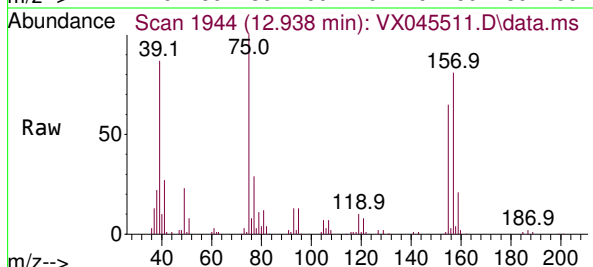
Tgt Ion: 75 Resp: 24751

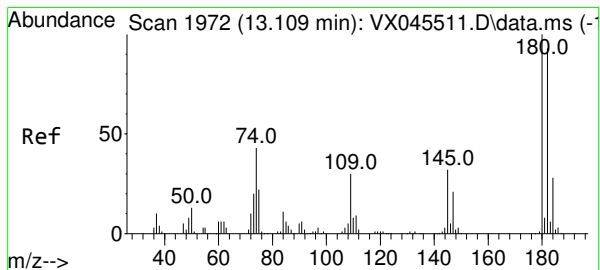
Ion Ratio Lower Upper

75 100

155 64.6 62.5 93.7

157 81.1 83.5 125.3#

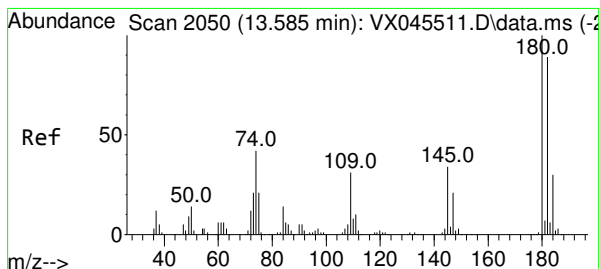
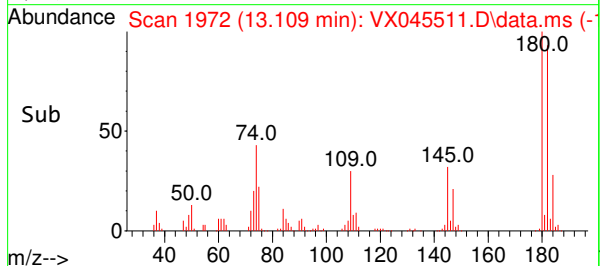
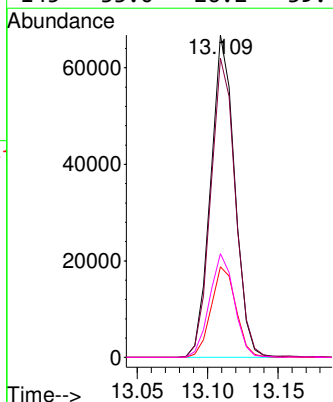
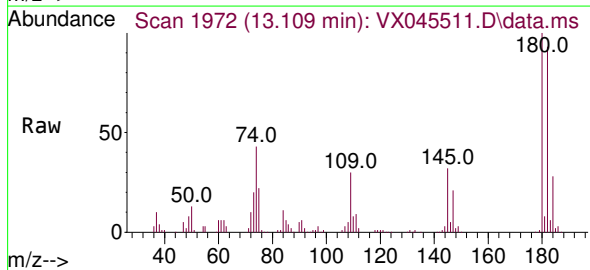




#69
1,3,5-Trichlorobenzene
Concen: 56.095 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

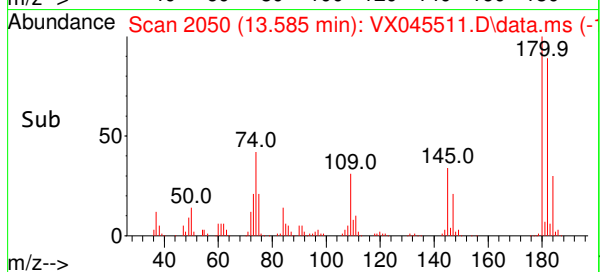
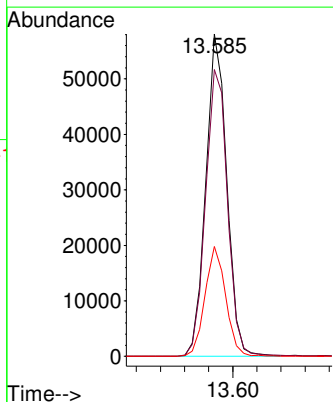
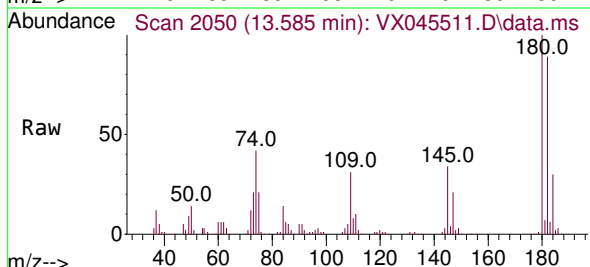
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

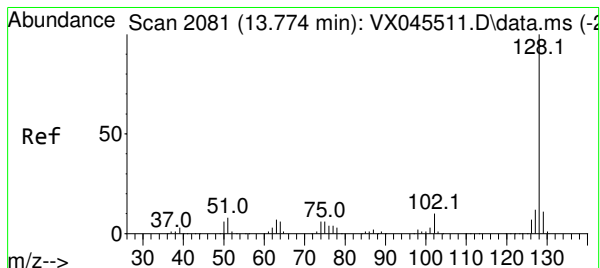
Tgt Ion:	180	Resp:	79359
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.6
184	29.0	24.0	36.0
145	33.0	26.2	39.4



#70
1,2,4-trichlorobenzene
Concen: 56.207 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion:	180	Resp:	70125
Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.5	114.7
145	33.4	27.0	40.4

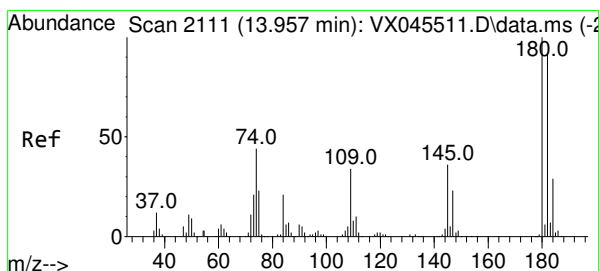
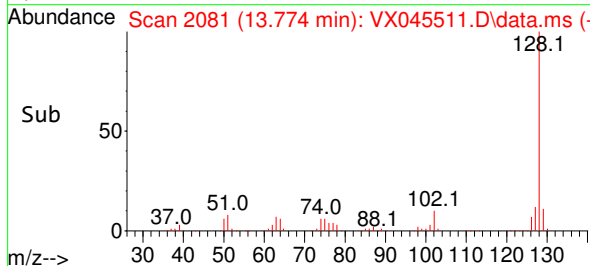
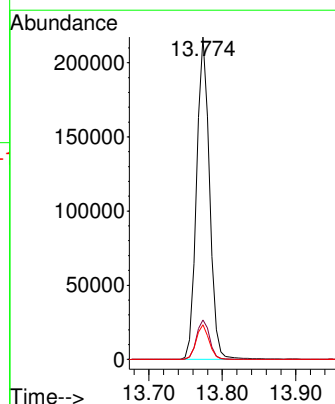
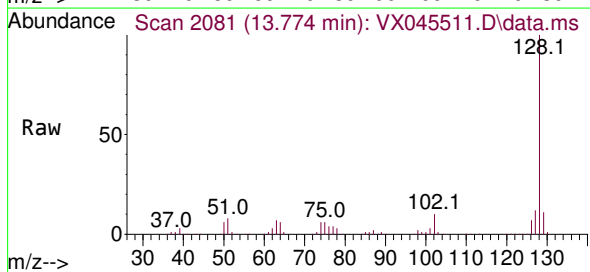




#71
Naphthalene
Concen: 56.264 ug/L
RT: 13.774 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	265493
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.6	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 56.902 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045511.D
Acq: 31 Mar 2025 10:12

Tgt Ion:	180	Resp:	72965
Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	35.1	28.3	42.5

