

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
 Data File : VX045509.D
 Acq On : 28 Mar 2025 16:27
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 31 10:24:24 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	6.757	114	148538	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	132853	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	62147	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	54845	49.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.76%
7) Chloroethane-d5	1.648	69	40065	55.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.12%
11) 1,1-Dichloroethene-d2	2.300	65	29088	50.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.52%
21) 2-Butanone-d5	4.459	46	81386	110.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.14%
24) Chloroform-d	5.050	84	129202	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
26) 1,2-Dichloroethane-d4	5.952	65	87548	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
32) Benzene-d6	5.964	84	227616	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
36) 1,2-Dichloropropane-d6	7.306	67	73904	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.56%
41) Toluene-d8	8.647	98	205598	52.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.72%
43) trans-1,3-Dichloroprop...	8.946	79	30514	53.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.16%
47) 2-Hexanone-d5	9.385	63	60622	114.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.60%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	100146	54.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.78%
66) 1,2-Dichlorobenzene-d4	12.317	152	69115	52.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	81768	51.50	ug/L	100
3) Chloromethane	1.307	50	73110	52.16	ug/L	96
5) Vinyl chloride	1.374	62	66119	50.72	ug/L	97
6) Bromomethane	1.593	94	29368	50.38	ug/L	99
8) Chloroethane	1.673	64	34609	53.11	ug/L	96
9) Trichlorofluoromethane	1.874	101	96925	54.13	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	59912	52.52	ug/L	96
12) 1,1-Dichloroethene	2.313	96	52414	51.47	ug/L	86
13) Acetone	2.380	43	64166	91.64	ug/L	91
14) Carbon disulfide	2.502	76	132450	50.47	ug/L	98
15) Methyl Acetate	2.703	43	71285	51.27	ug/L	94
16) Methylene chloride	2.782	84	61358	52.00	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	53392	52.44	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	186073	52.65	ug/L	95
19) 1,1-Dichloroethane	3.605	63	113214	53.28	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	62918	53.66	ug/L	95
22) 2-Butanone	4.550	43	99721	98.15	ug/L	94
23) Bromochloromethane	4.891	128	30652	52.83	ug/L	92
25) Chloroform	5.087	83	117963	52.96	ug/L	98

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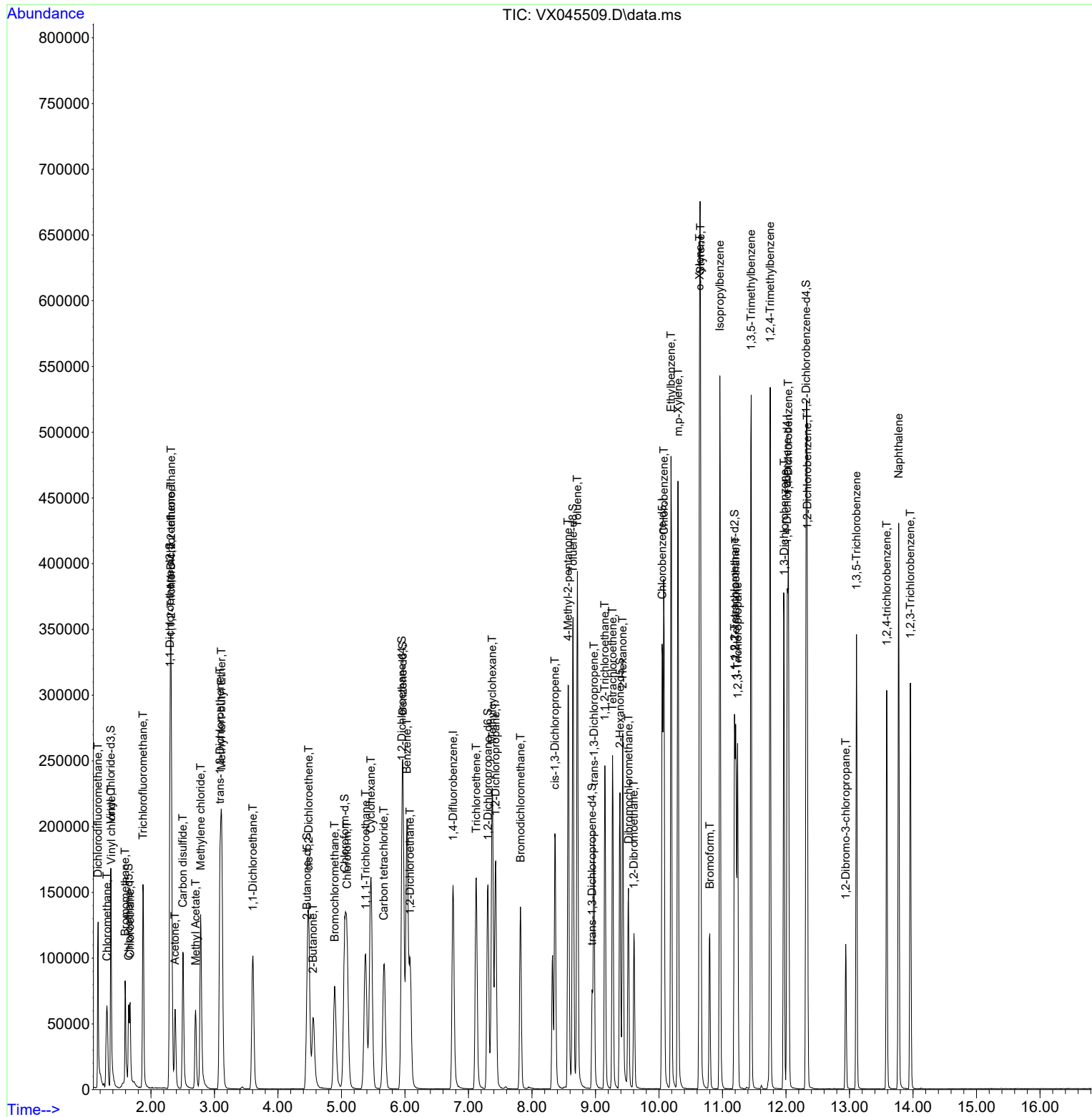
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	102346	53.49	ug/L	96
29) Cyclohexane	5.465	56	109593	54.41	ug/L	94
30) 1,1,1-Trichloroethane	5.379	97	97256	53.38	ug/L	95
31) Carbon tetrachloride	5.666	117	83368	52.76	ug/L	100
33) Benzene	6.032	78	233613	53.58	ug/L	100
34) Trichloroethene	7.123	95	62300	53.72	ug/L	98
35) Methylcyclohexane	7.373	83	98622	53.29	ug/L	95
37) 1,2-Dichloropropane	7.428	63	63811	53.98	ug/L	100
38) Bromodichloromethane	7.818	83	86512	53.29	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	93965	54.28	ug/L	100
40) 4-Methyl-2-pentanone	8.568	43	198541	109.70	ug/L	93
42) Toluene	8.714	91	243577	54.45	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	84989	52.70	ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	60991	53.72	ug/L	98
46) Tetrachloroethene	9.269	164	42664	53.70	ug/L	95
48) 2-Hexanone	9.427	43	146326	107.25	ug/L	96
49) Dibromochloromethane	9.519	129	59866	52.85	ug/L	97
50) 1,2-Dibromoethane	9.604	107	63125	53.44	ug/L	95
51) Chlorobenzene	10.073	112	150562	53.65	ug/L	95
52) Ethylbenzene	10.189	91	270176	53.66	ug/L	100
53) m,p-Xylene	10.299	106	99715	54.63	ug/L	97
54) o-Xylene	10.640	106	97592	54.43	ug/L	95
55) Styrene	10.653	104	165216	55.06	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.207	83	98551	55.22	ug/L	99
59) Bromoform	10.799	173	39595	50.46	ug/L	99
60) Isopropylbenzene	10.957	105	266653	52.59	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	79028	52.15	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	220700	53.21	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	219835	54.00	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	107425	52.15	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	108692	52.91	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	109083	53.24	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	20812	51.08	ug/L	83
69) 1,3,5-Trichlorobenzene	13.110	180	68944	52.87	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	61182	53.20	ug/L	98
71) Naphthalene	13.774	128	236115	54.28	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	63137	53.41	ug/L	99

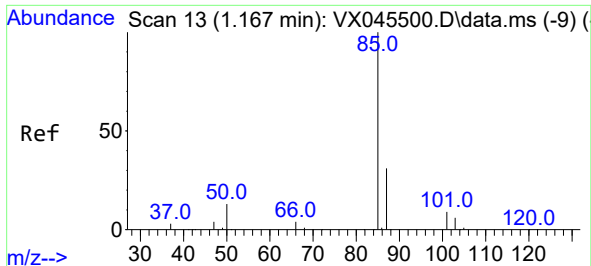
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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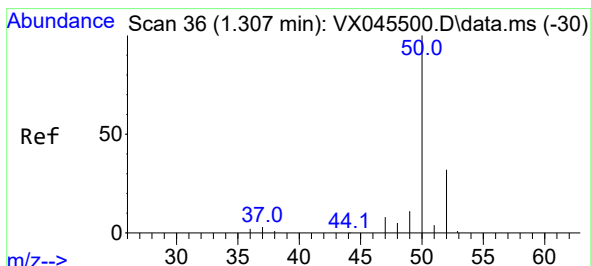
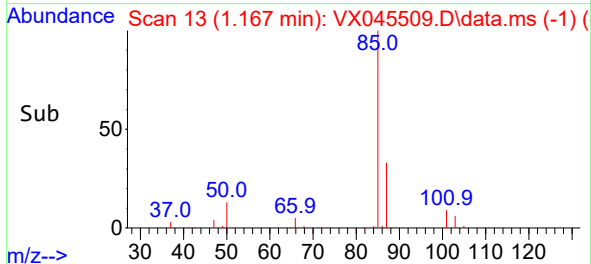
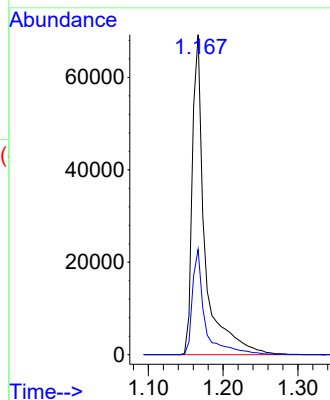
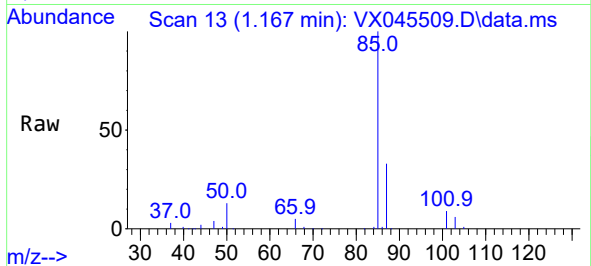




#2
Dichlorodifluoromethane
Concen: 51.50 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

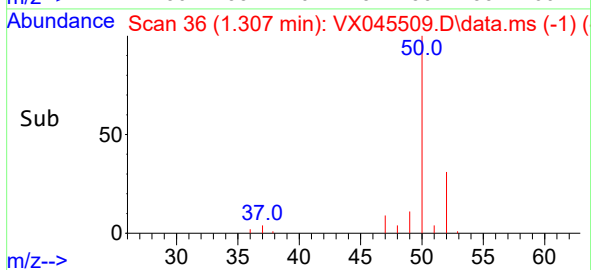
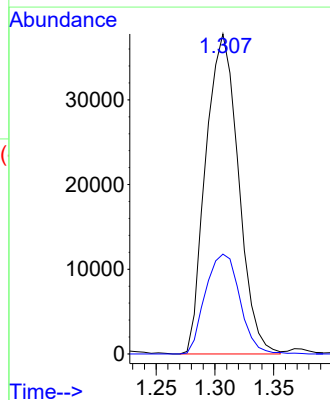
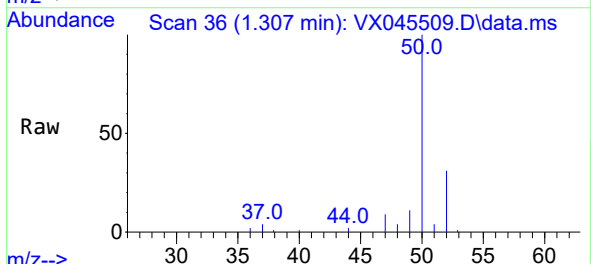
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 85 Resp: 81768
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9

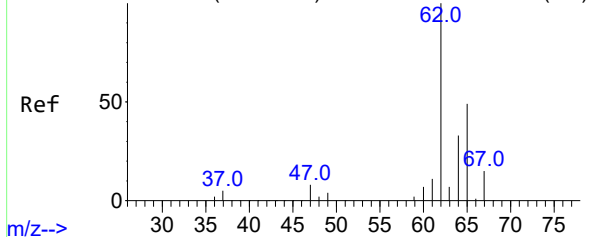


#3
Chloromethane
Concen: 52.16 ug/L
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 50 Resp: 73110
Ion Ratio Lower Upper
50 100
52 31.2 23.3 43.3



Abundance Scan 47 (1.374 min): VX045500.D\data.ms (-43)



#5

Vinyl chloride

Concen: 50.72 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX045509.D

Acq: 28 Mar 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

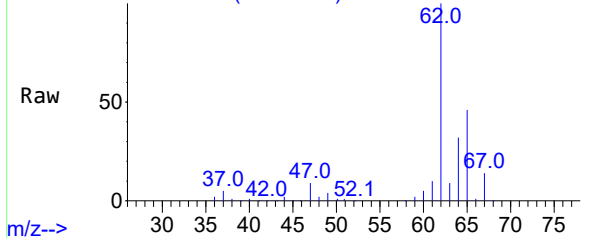
Tgt Ion: 62 Resp: 66119

Ion Ratio Lower Upper

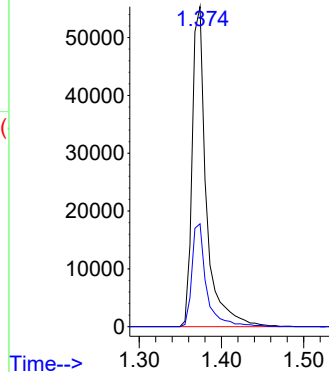
62 100

64 32.2 23.7 44.1

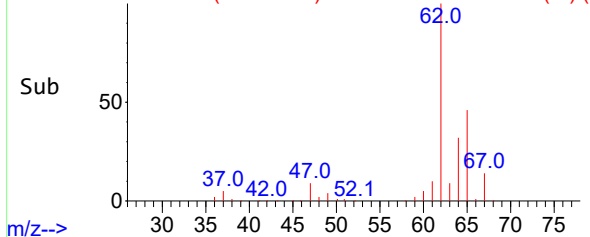
Abundance Scan 47 (1.374 min): VX045509.D\data.ms



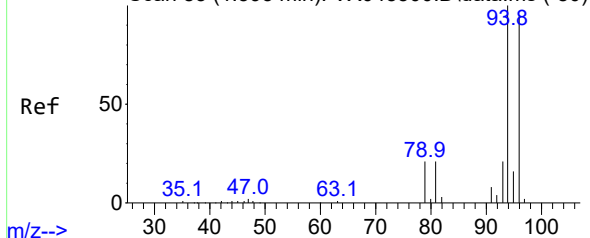
Abundance



Abundance Scan 47 (1.374 min): VX045509.D\data.ms (-1)



Abundance Scan 83 (1.593 min): VX045500.D\data.ms (-80)



#6

Bromomethane

Concen: 50.38 ug/L

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX045509.D

Acq: 28 Mar 2025 16:27

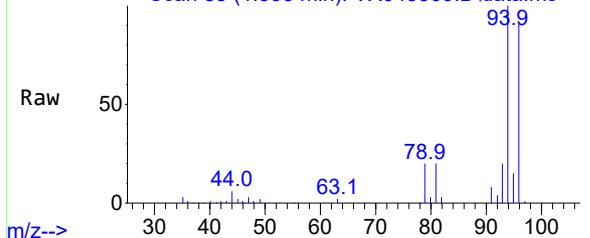
Tgt Ion: 94 Resp: 29368

Ion Ratio Lower Upper

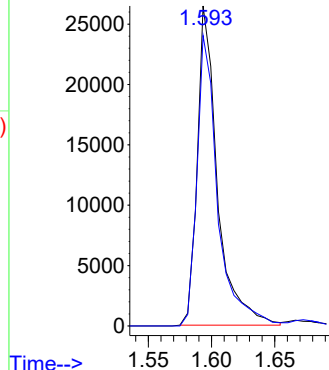
94 100

96 90.8 64.3 119.3

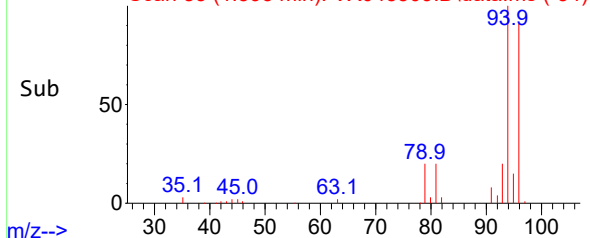
Abundance Scan 83 (1.593 min): VX045509.D\data.ms

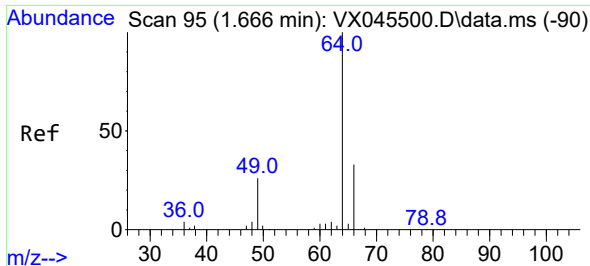


Abundance



Abundance Scan 83 (1.593 min): VX045509.D\data.ms (-34)

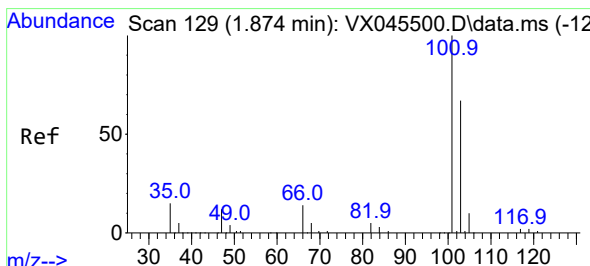
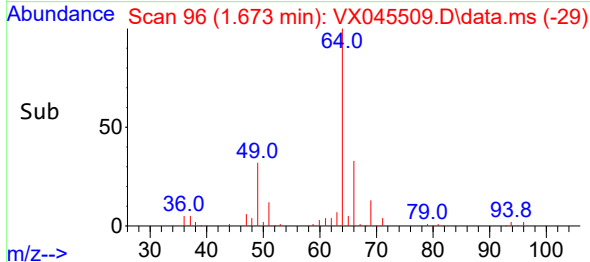
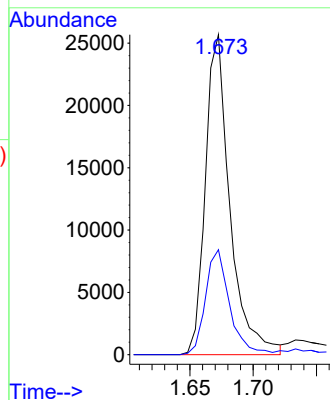
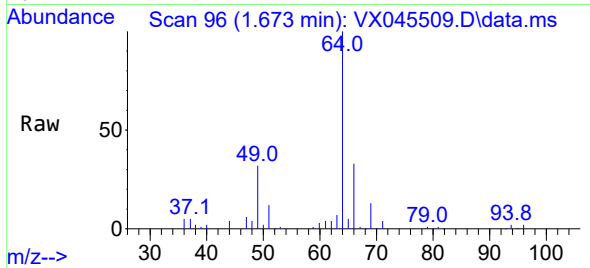




#8
Chloroethane
Concen: 53.11 ug/L
RT: 1.673 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

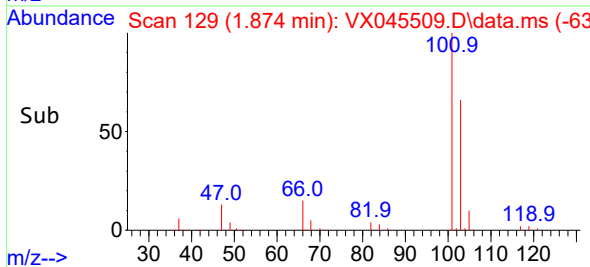
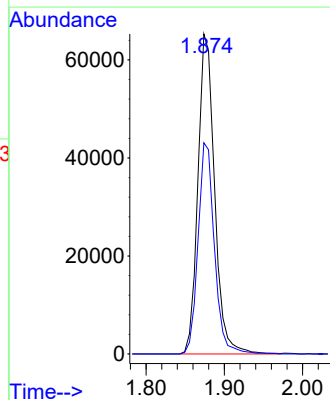
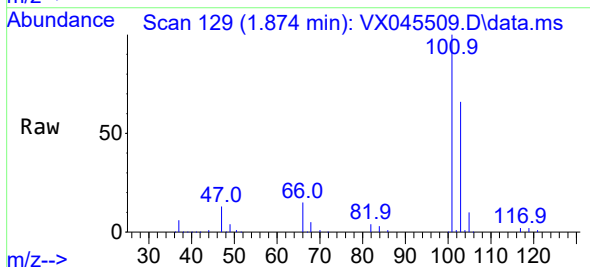
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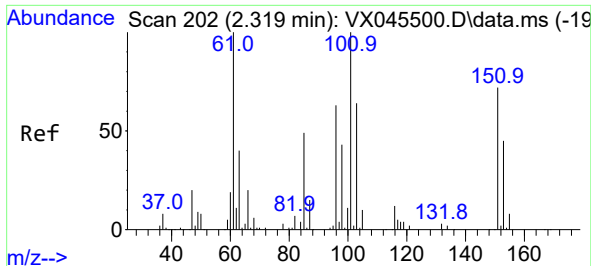
Tgt Ion: 64 Resp: 34609
Ion Ratio Lower Upper
64 100
66 32.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 54.13 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion:101 Resp: 96925
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2

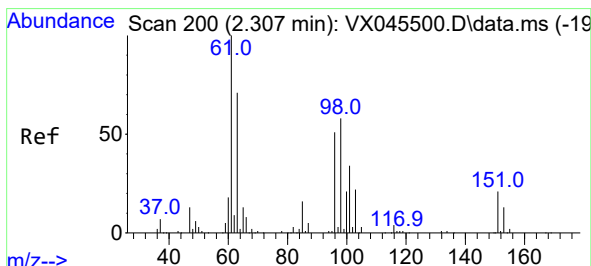
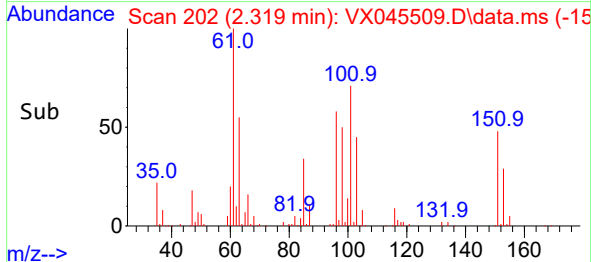
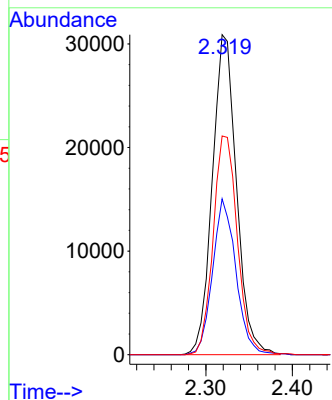
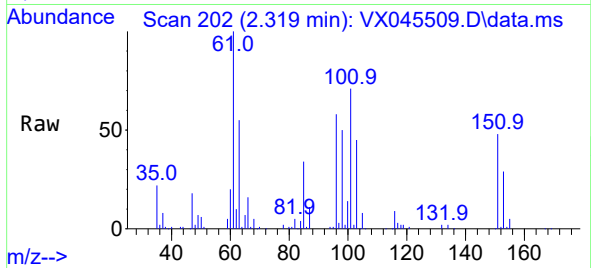




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.52 ug/L
RT: 2.319 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

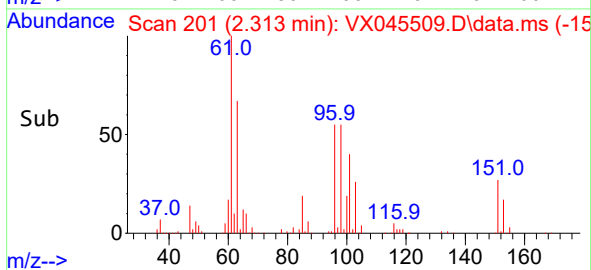
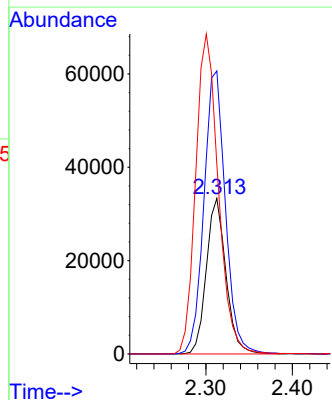
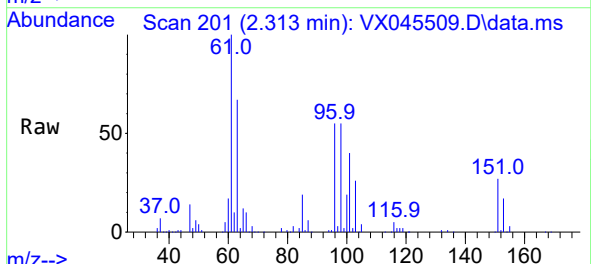
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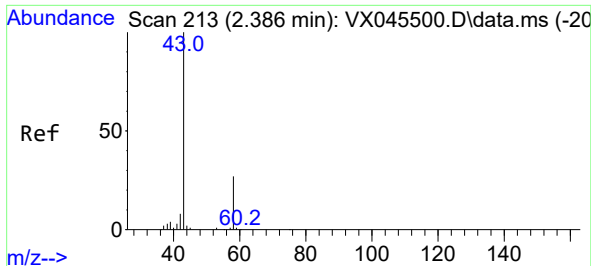
Tgt Ion:101 Resp: 59912
Ion Ratio Lower Upper
101 100
85 47.1 35.4 53.0
151 68.4 57.0 85.4



#12
1,1-Dichloroethene
Concen: 51.47 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 96 Resp: 52414
Ion Ratio Lower Upper
96 100
61 182.0 115.1 213.8
63 121.9 74.1 137.5

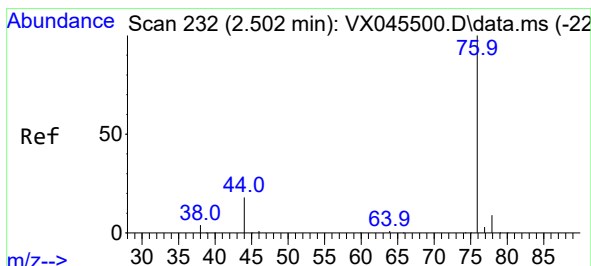
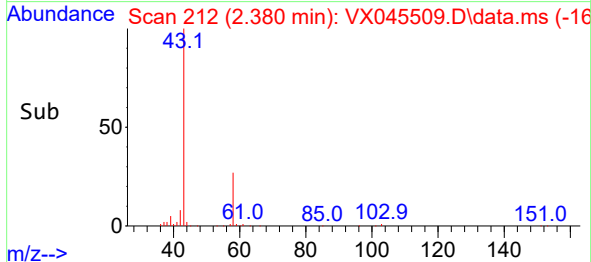
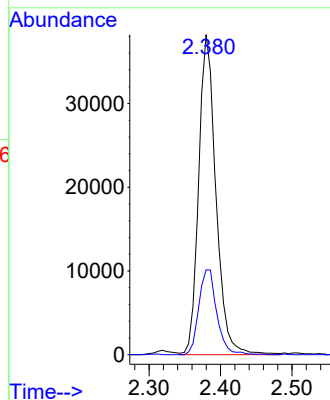
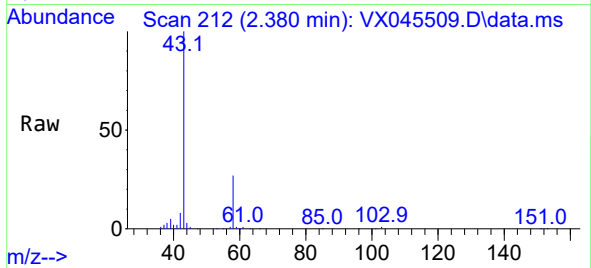




#13
Acetone
Concen: 91.64 ug/L
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

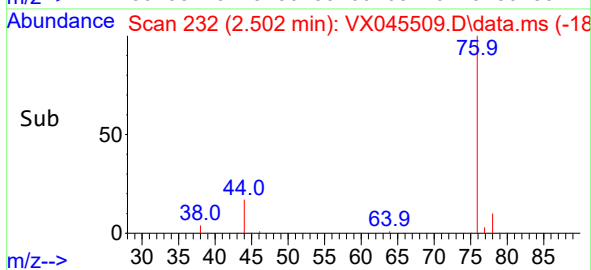
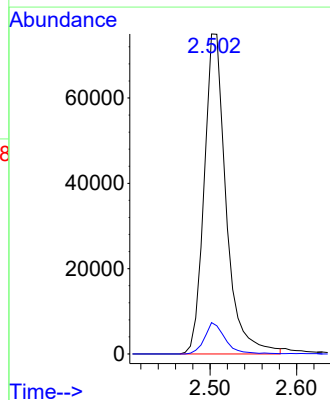
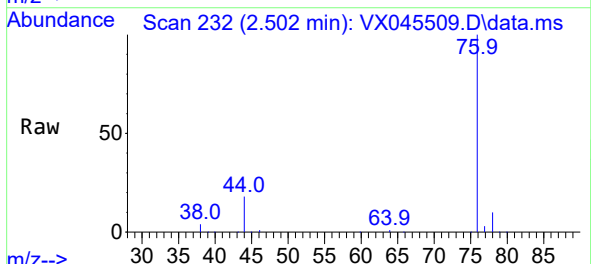
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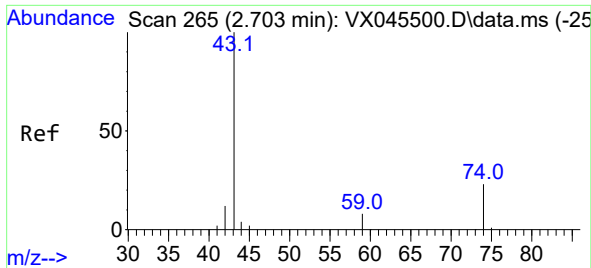
Tgt Ion: 43 Resp: 64166
Ion Ratio Lower Upper
43 100
58 27.2 0.0 64.6



#14
Carbon disulfide
Concen: 50.47 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 76 Resp: 132450
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

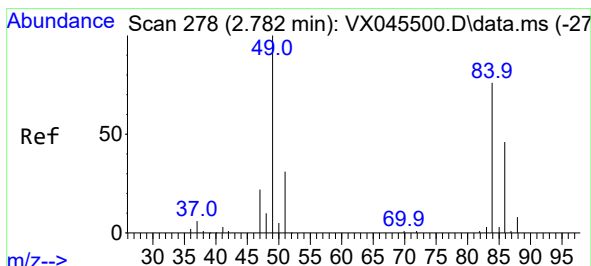
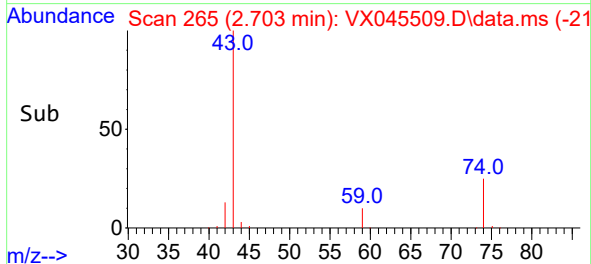
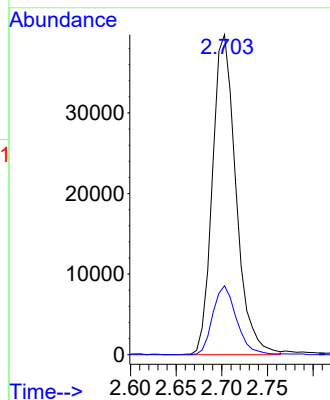
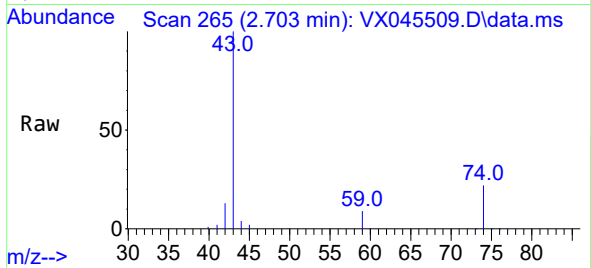




#15
Methyl Acetate
Concen: 51.27 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

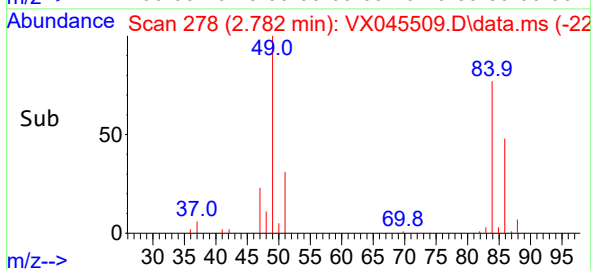
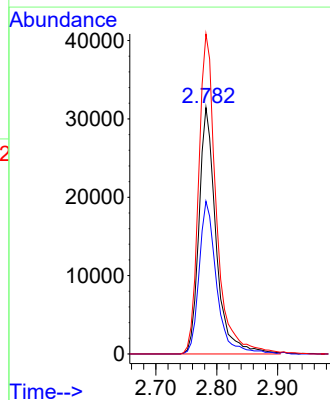
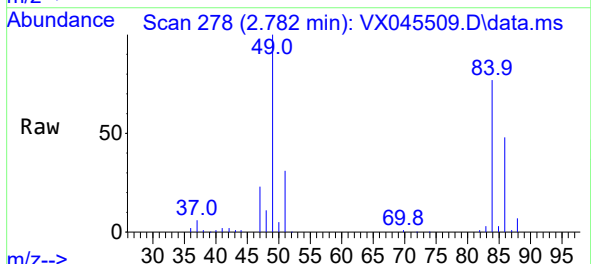
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

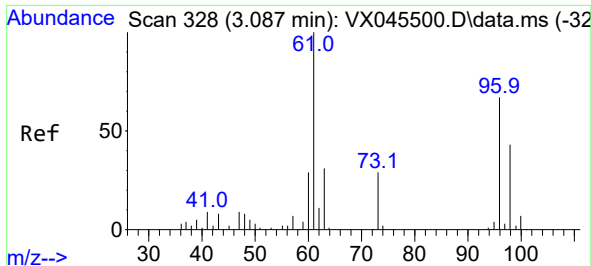
Tgt Ion: 43 Resp: 71285
Ion Ratio Lower Upper
43 100
74 21.6 19.7 29.5



#16
Methylene chloride
Concen: 52.00 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 84 Resp: 61358
Ion Ratio Lower Upper
84 100
86 61.9 45.6 84.8
49 129.9 84.6 157.0

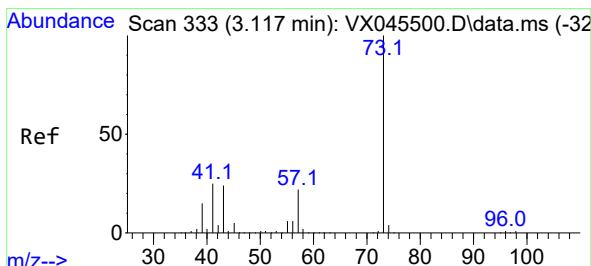
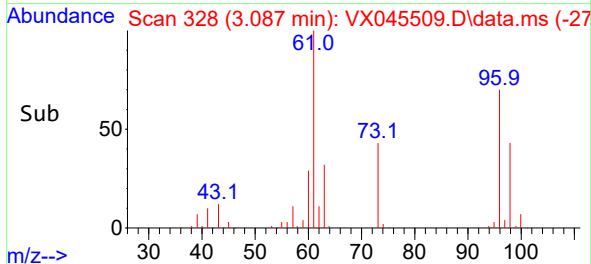
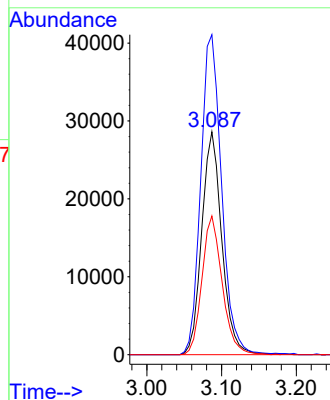
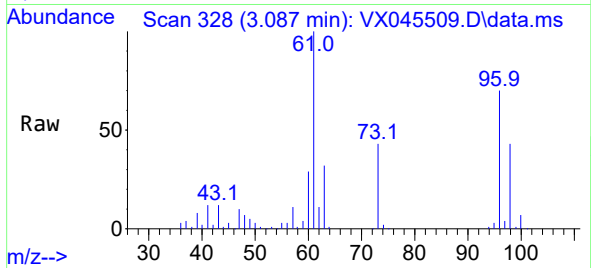




#17
trans-1,2-Dichloroethene
Concen: 52.44 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

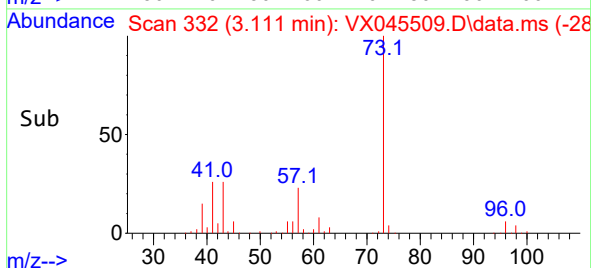
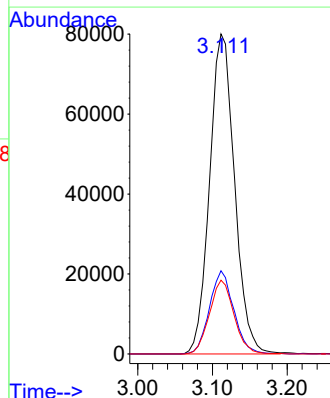
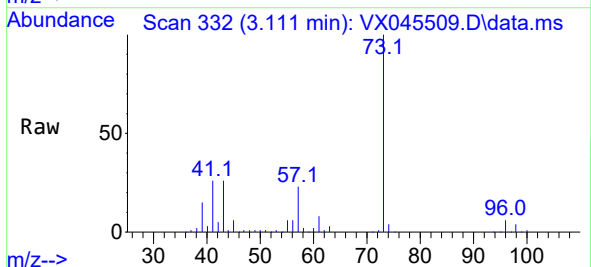
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

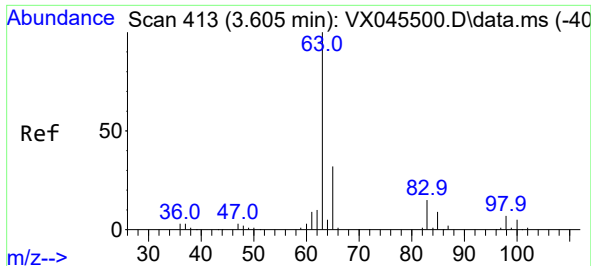
Tgt Ion: 96 Resp: 53392
Ion Ratio Lower Upper
96 100
61 143.6 98.3 182.7
98 62.2 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 52.65 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 73 Resp: 186073
Ion Ratio Lower Upper
73 100
43 25.3 16.9 25.3
57 22.6 17.4 26.0





#19

1,1-Dichloroethane

Concen: 53.28 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX045509.D

Acq: 28 Mar 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

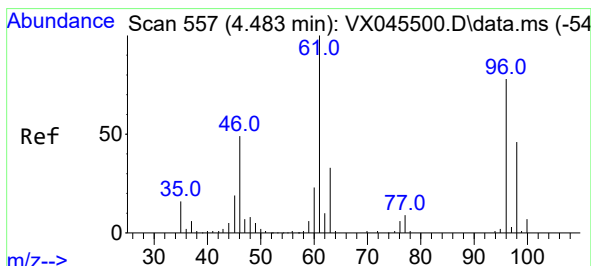
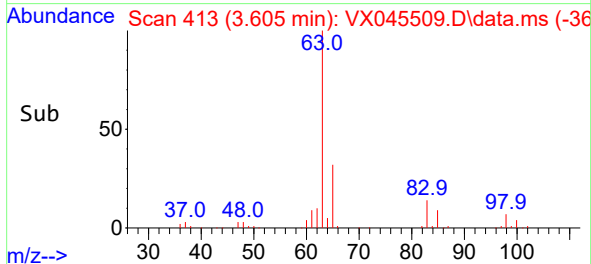
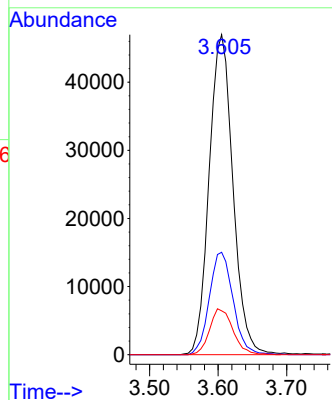
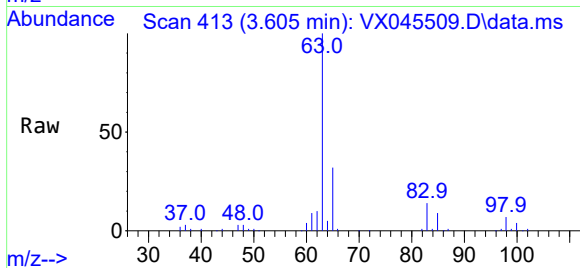
Tgt Ion: 63 Resp: 113214

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.6

83 13.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 53.66 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045509.D

Acq: 28 Mar 2025 16:27

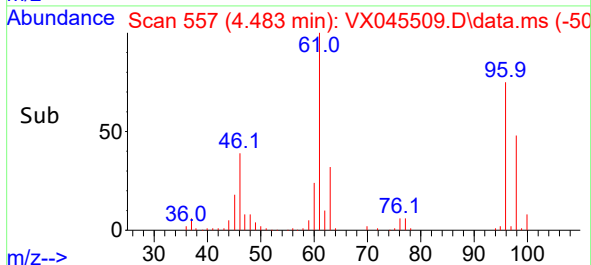
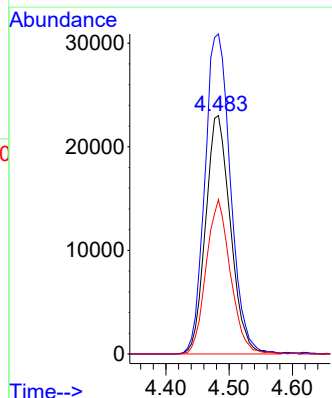
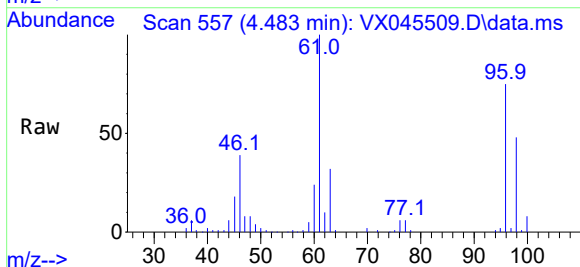
Tgt Ion: 96 Resp: 62918

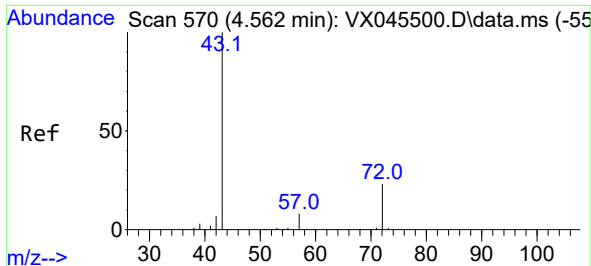
Ion Ratio Lower Upper

96 100

61 134.2 88.3 163.9

98 64.7 44.6 82.8

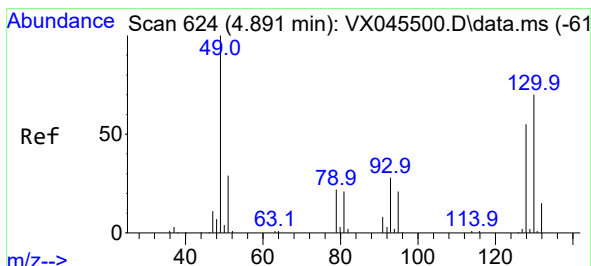
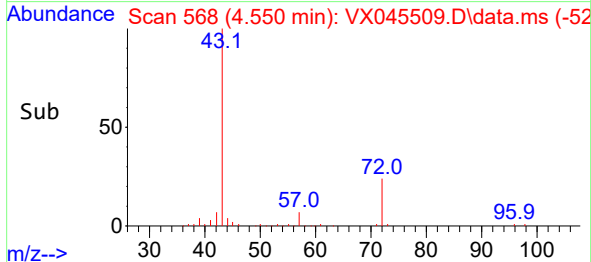
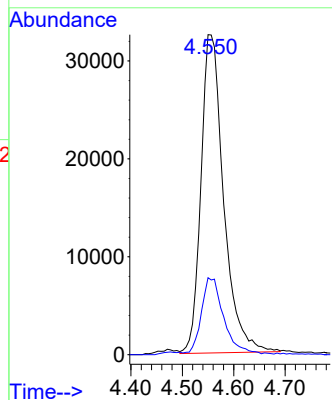
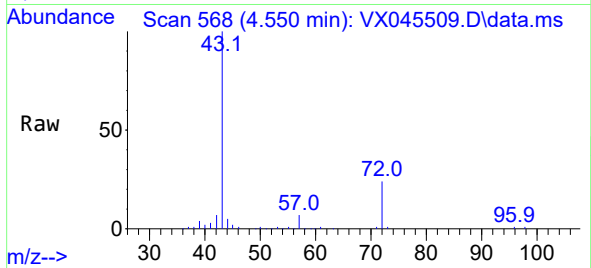




#22
2-Butanone
Concen: 98.15 ug/L
RT: 4.550 min Scan# 570
Delta R.T. -0.012 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

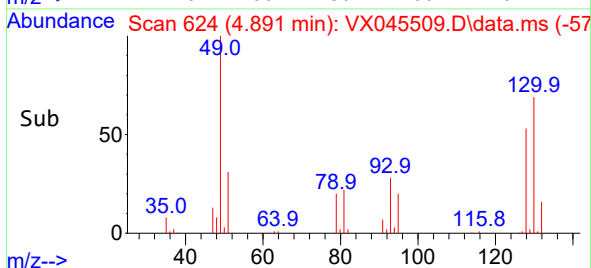
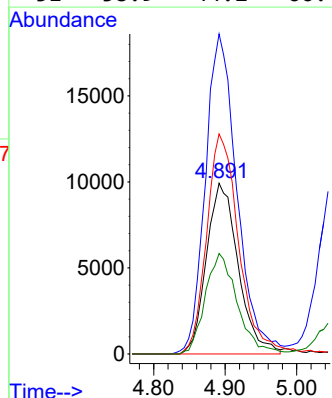
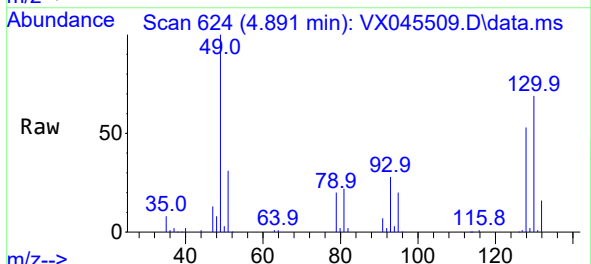
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

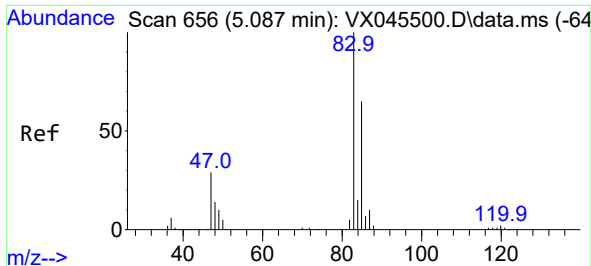
Tgt Ion: 43 Resp: 99721
Ion Ratio Lower Upper
43 100
72 23.5 13.4 40.2



#23
Bromochloromethane
Concen: 52.83 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 128 Resp: 30652
Ion Ratio Lower Upper
128 100
49 187.5 117.6 218.4
130 128.9 92.0 170.9
51 58.9 44.2 66.4

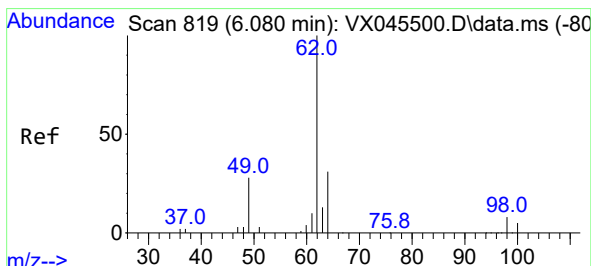
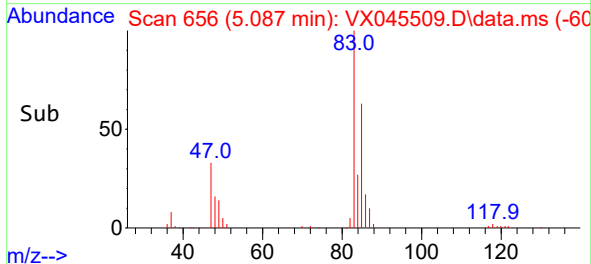
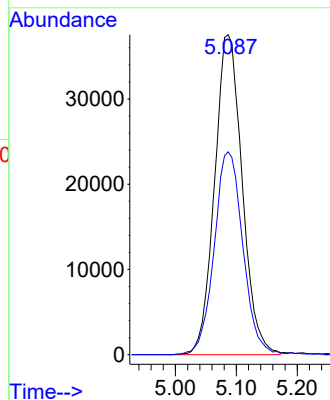
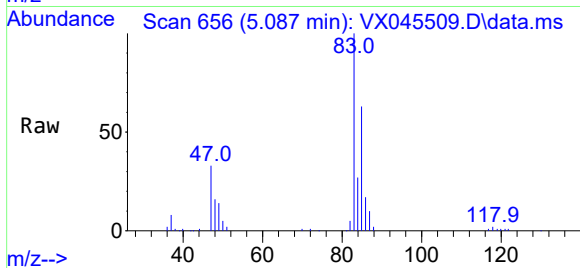




#25
Chloroform
Concen: 52.96 ug/L
RT: 5.087 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

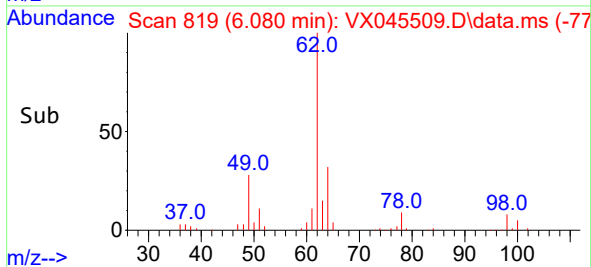
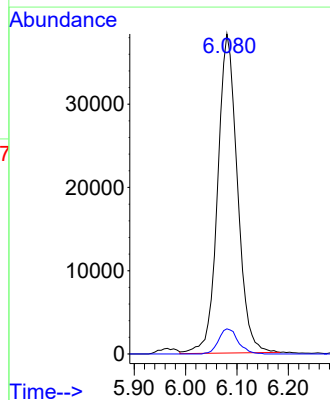
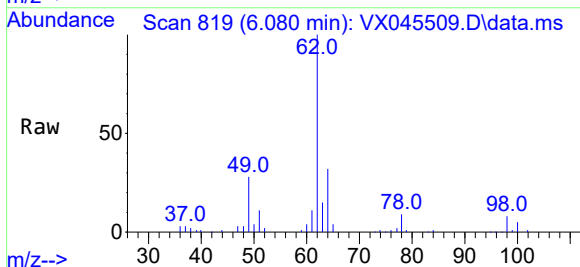
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

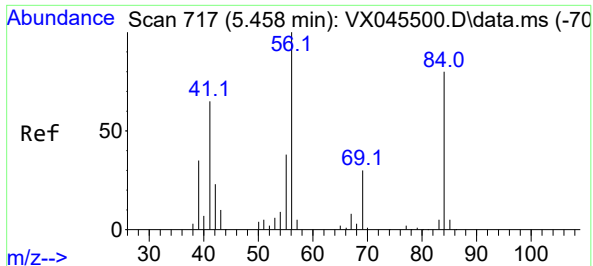
Tgt Ion: 83 Resp: 117963
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 53.49 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 62 Resp: 102346
Ion Ratio Lower Upper
62 100
98 7.8 7.4 11.2

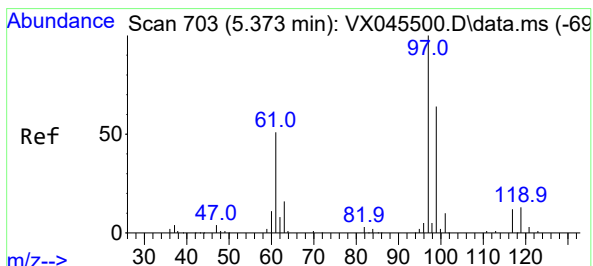
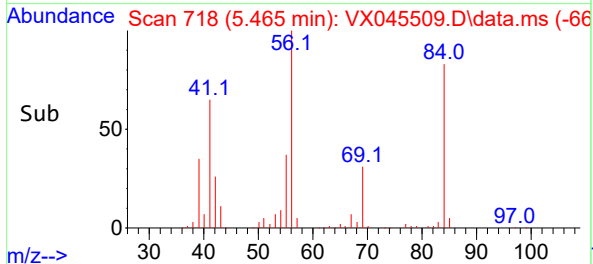
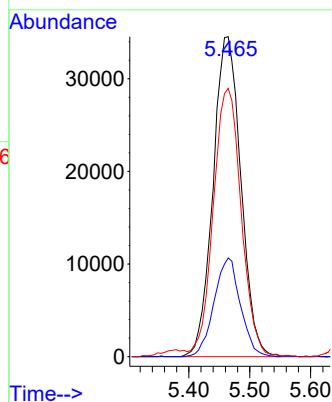
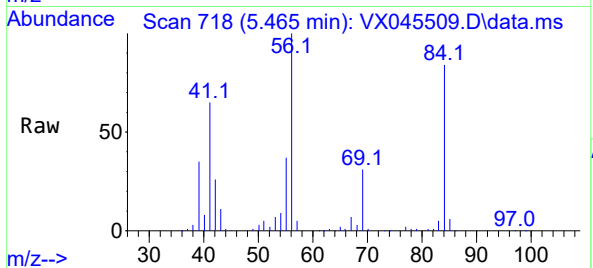




#29
Cyclohexane
Concen: 54.41 ug/L
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

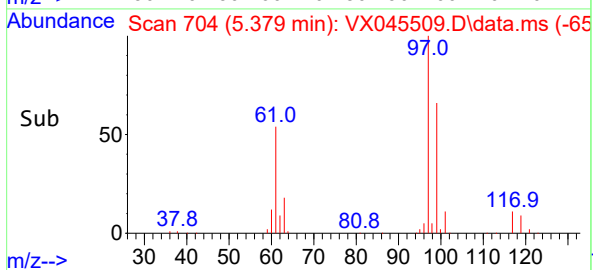
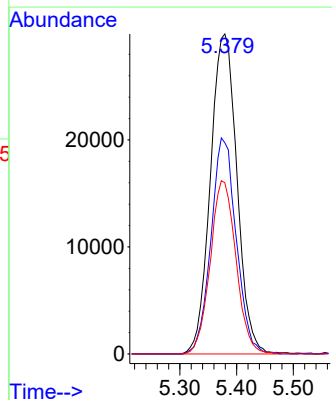
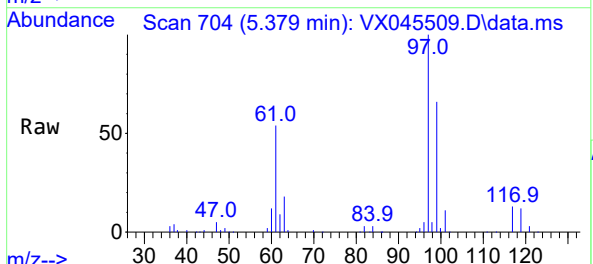
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

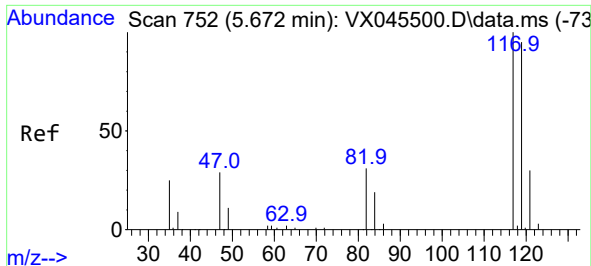
Tgt Ion: 56 Resp: 109593
Ion Ratio Lower Upper
56 100
69 29.2 25.4 38.2
84 83.6 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 53.38 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 97 Resp: 97256
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 52.3 35.8 53.6

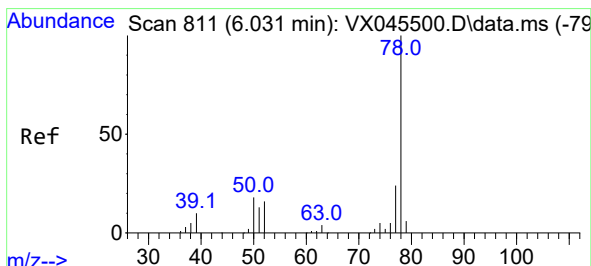
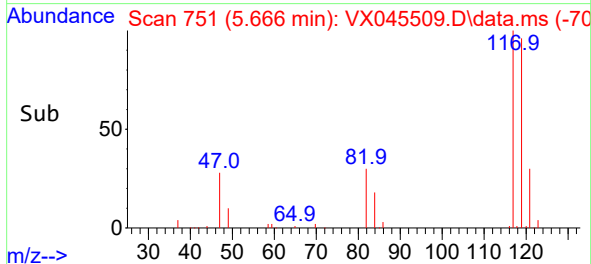
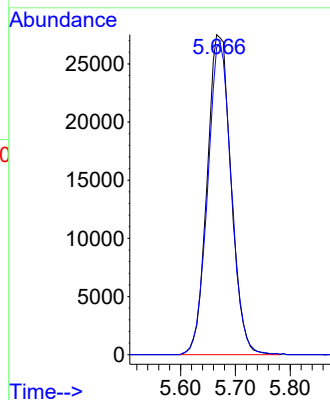
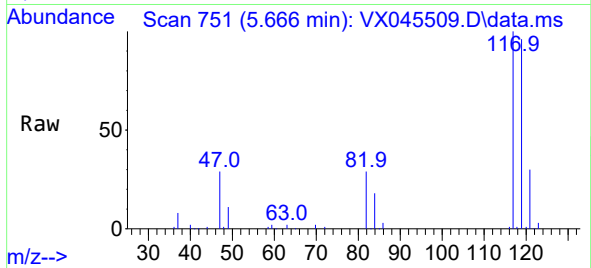




#31
Carbon tetrachloride
Concen: 52.76 ug/L
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

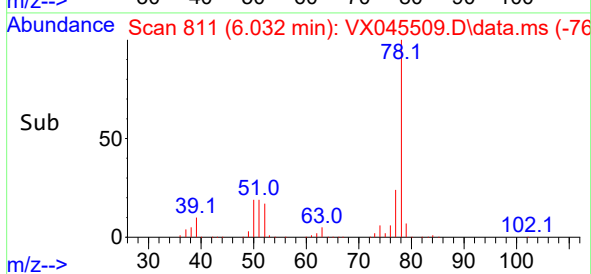
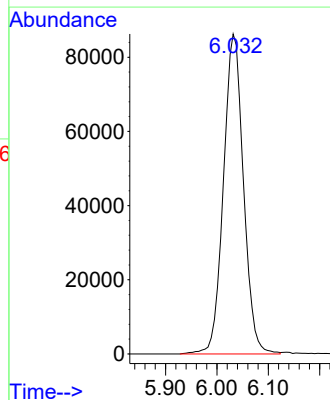
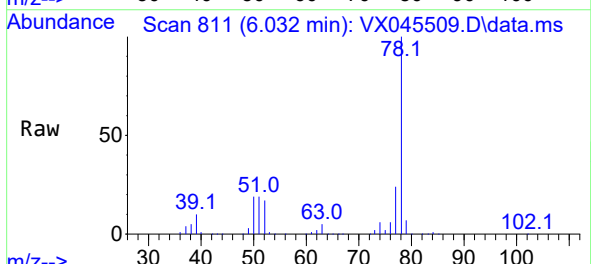
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

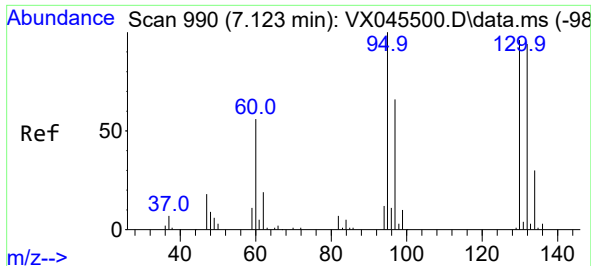
Tgt Ion:117 Resp: 83368
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7



#33
Benzene
Concen: 53.58 ug/L
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 78 Resp: 233613

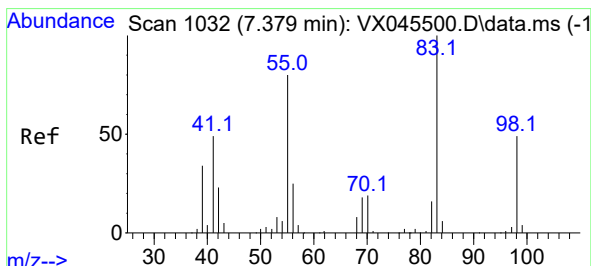
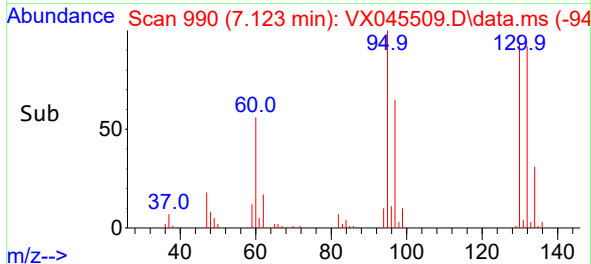
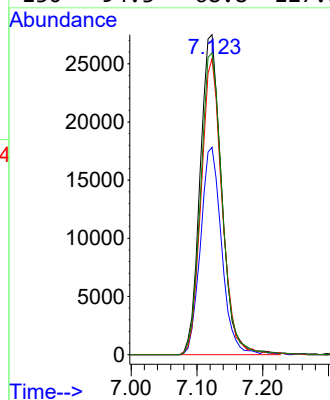
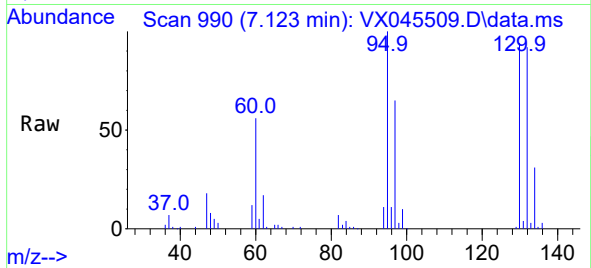




#34
Trichloroethene
Concen: 53.72 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

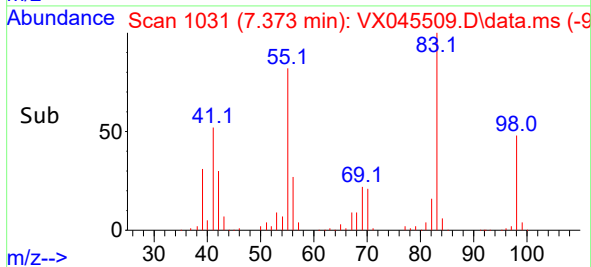
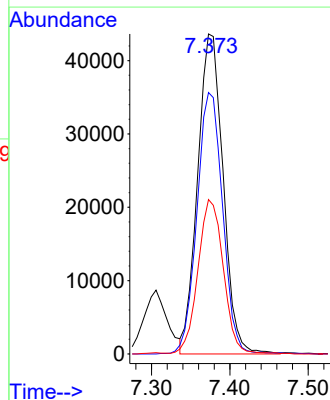
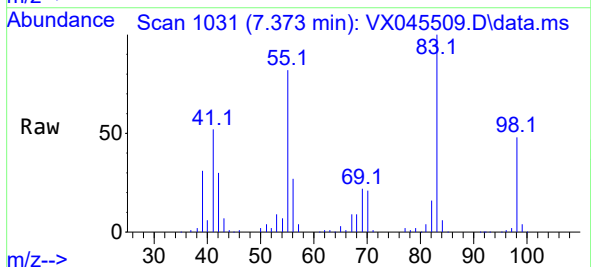
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

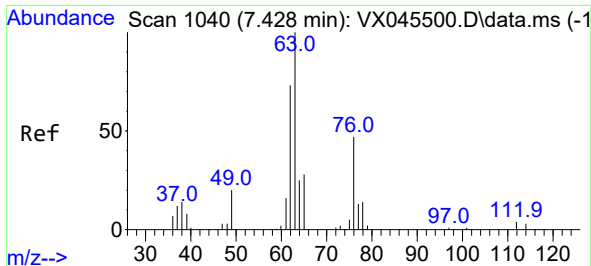
Tgt Ion: 95 Resp: 62300
Ion Ratio Lower Upper
95 100
97 64.8 46.1 85.5
132 92.5 64.5 119.9
130 94.3 68.8 127.8



#35
Methylcyclohexane
Concen: 53.29 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 83 Resp: 98622
Ion Ratio Lower Upper
83 100
55 81.8 60.6 90.8
98 48.1 38.9 58.3

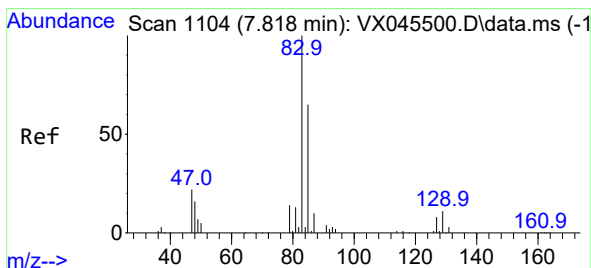
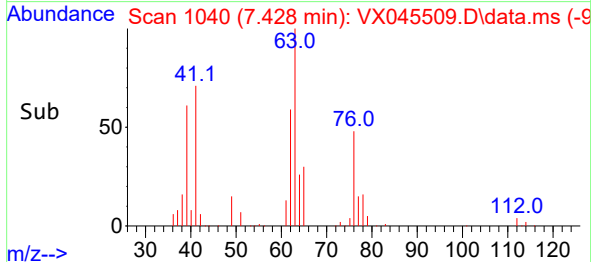
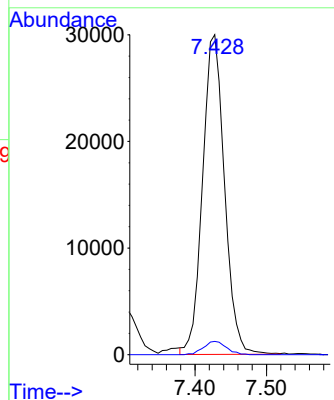
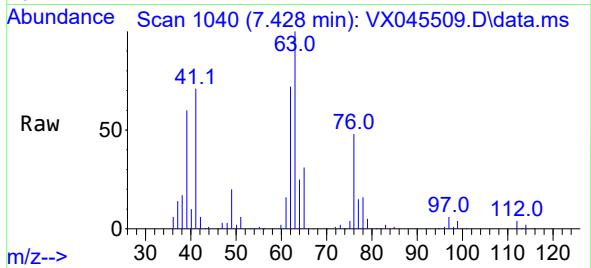




#37
1,2-Dichloropropane
Concen: 53.98 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

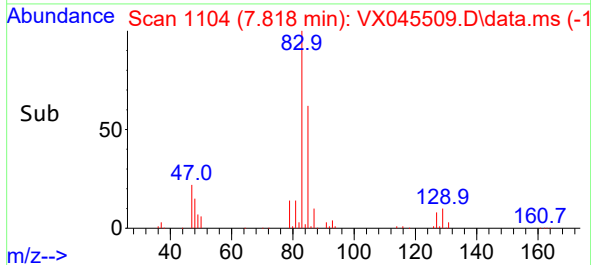
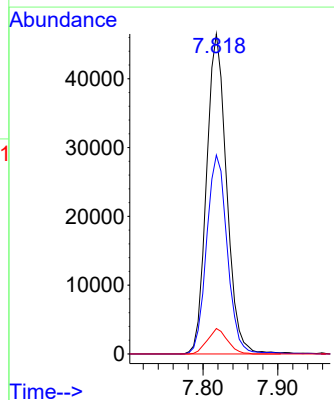
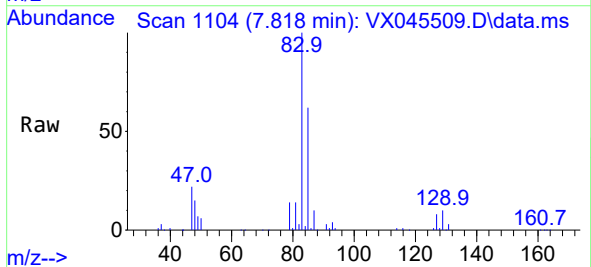
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

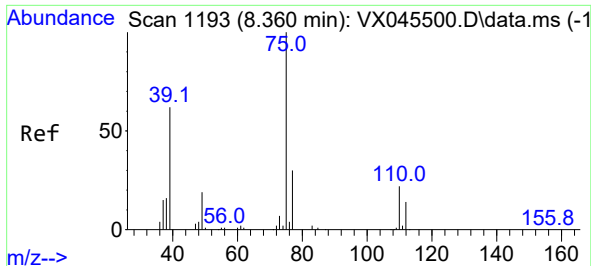
Tgt Ion: 63 Resp: 63811
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 53.29 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 83 Resp: 86512
Ion Ratio Lower Upper
83 100
85 62.2 43.8 81.3
127 7.9 6.5 9.7

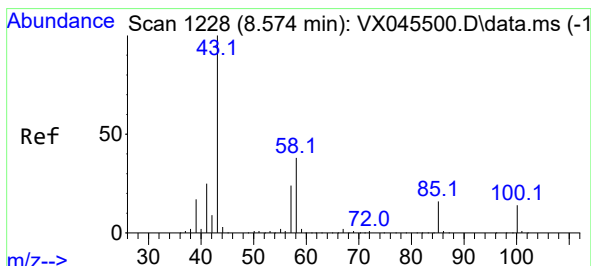
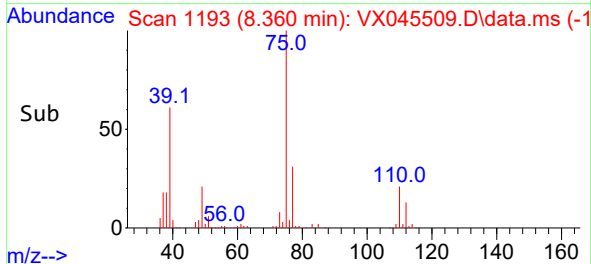
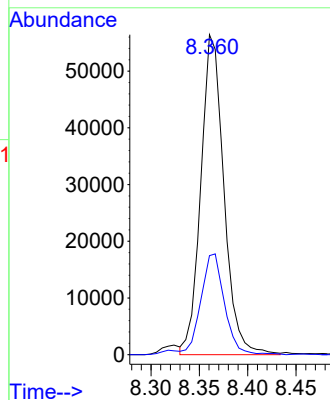
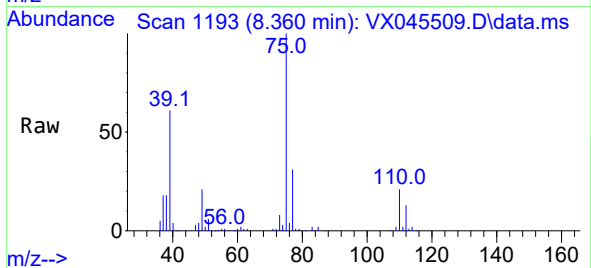




#39
 cis-1,3-Dichloropropene
 Concen: 54.28 ug/L
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045509.D
 Acq: 28 Mar 2025 16:27

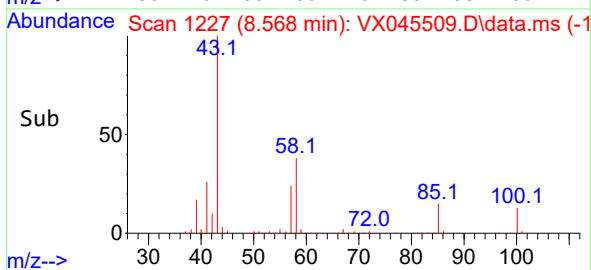
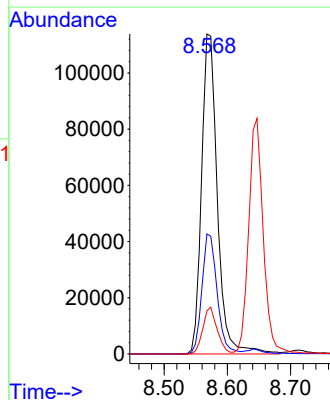
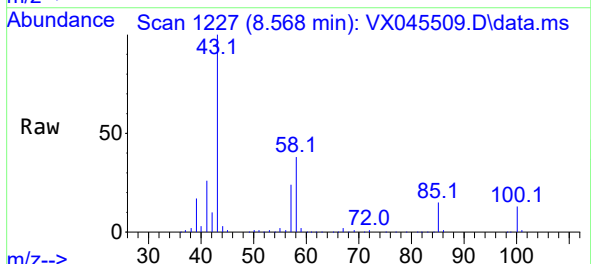
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

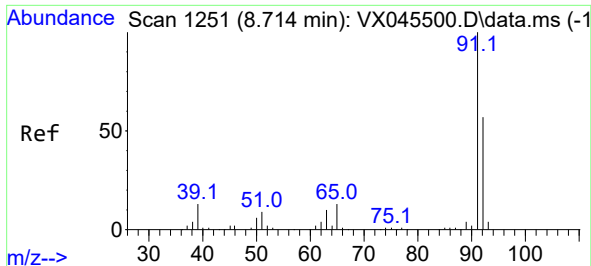
Tgt Ion: 75 Resp: 93965
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 109.70 ug/L
 RT: 8.568 min Scan# 1227
 Delta R.T. -0.006 min
 Lab File: VX045509.D
 Acq: 28 Mar 2025 16:27

Tgt Ion: 43 Resp: 198541
 Ion Ratio Lower Upper
 43 100
 58 36.0 32.1 48.1
 100 13.2 12.9 19.3

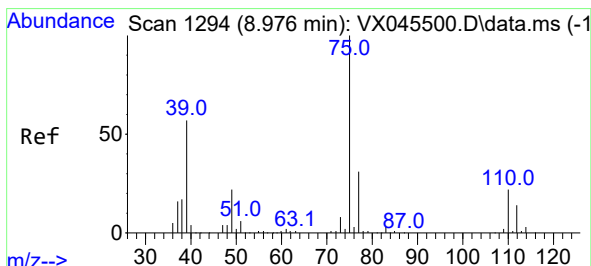
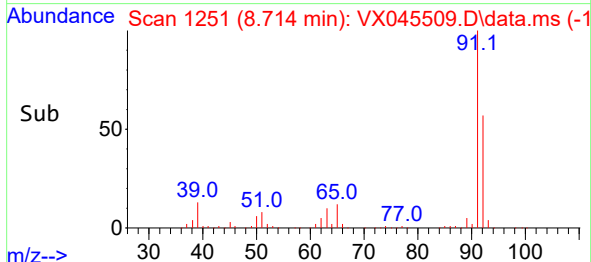
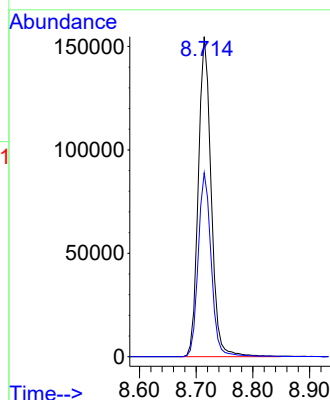
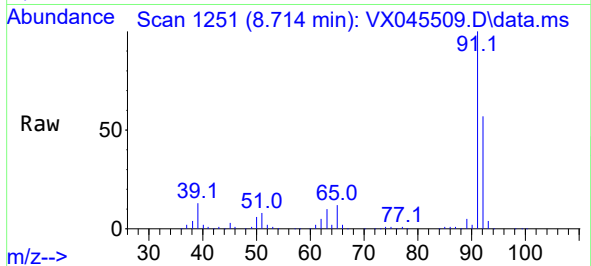




#42
Toluene
Concen: 54.45 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

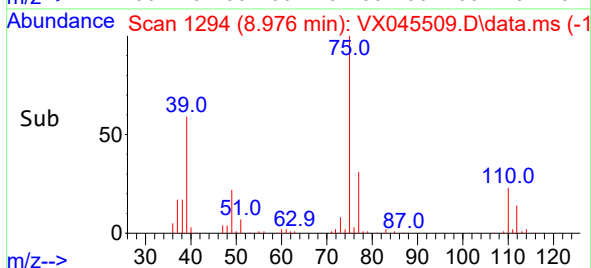
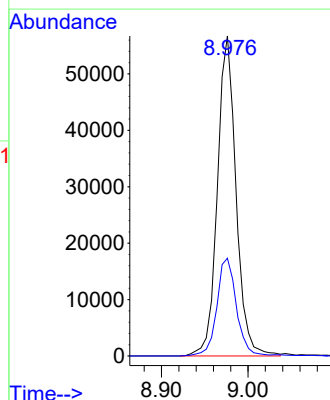
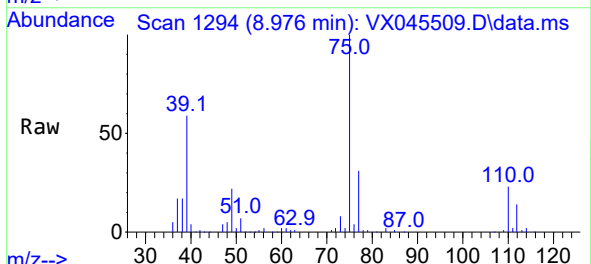
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

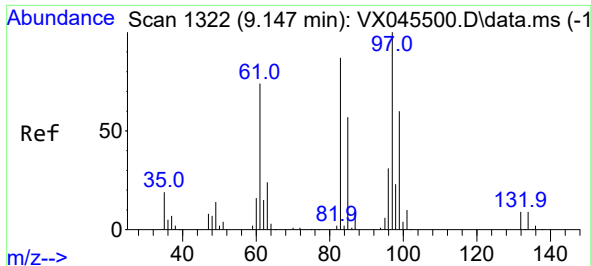
Tgt Ion: 91 Resp: 243577
Ion Ratio Lower Upper
91 100
92 57.4 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 52.70 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 75 Resp: 84989
Ion Ratio Lower Upper
75 100
77 30.6 22.4 41.6



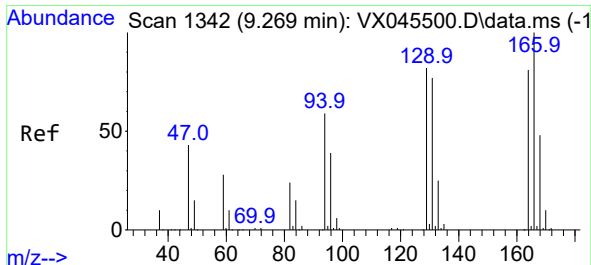
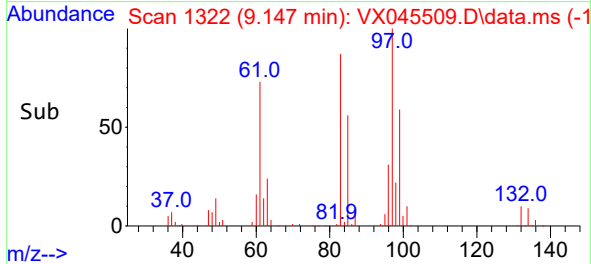
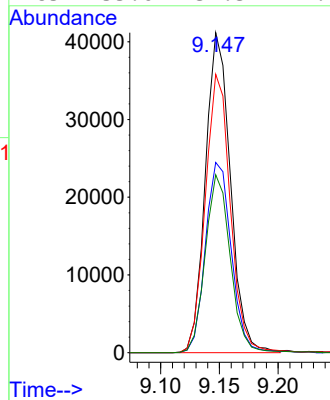
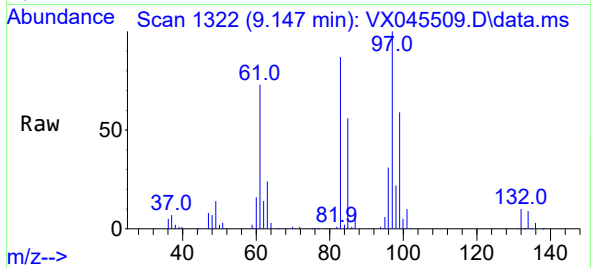


#45
1,1,2-Trichloroethane
Concen: 53.72 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 60991

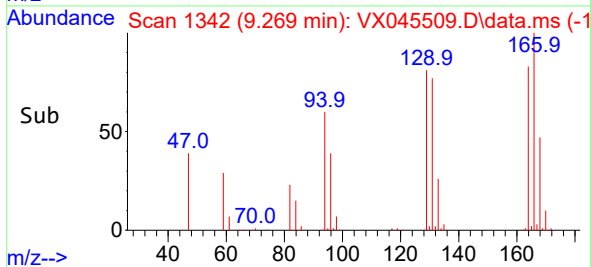
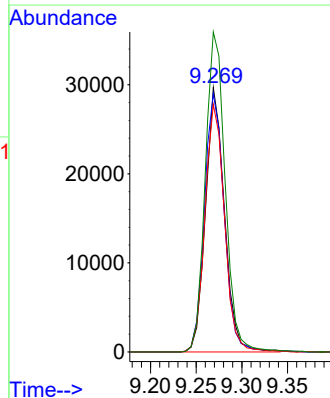
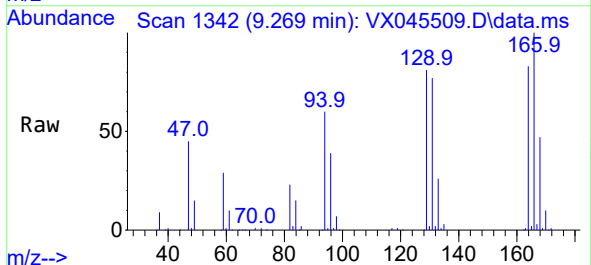
Ion	Ratio	Lower	Upper
97	100		
99	59.5	44.8	83.2
83	87.0	60.8	113.0
85	55.6	39.3	72.9

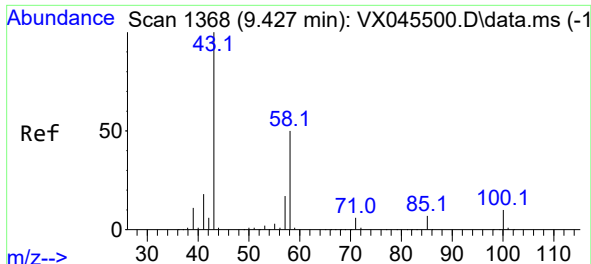


#46
Tetrachloroethene
Concen: 53.70 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 164 Resp: 42664

Ion	Ratio	Lower	Upper
164	100		
129	97.8	71.2	132.2
131	93.6	67.2	124.8
166	121.1	90.0	167.2



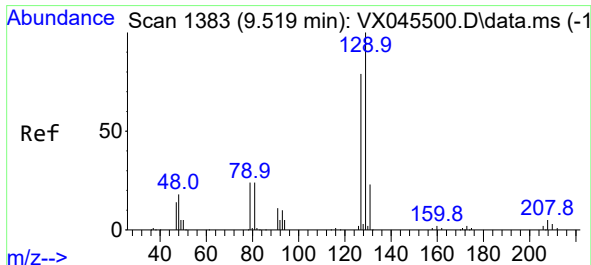
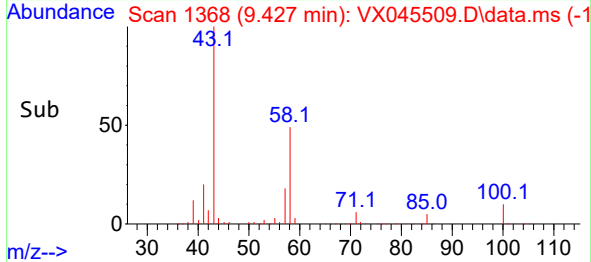
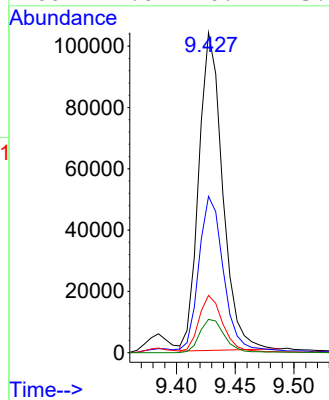
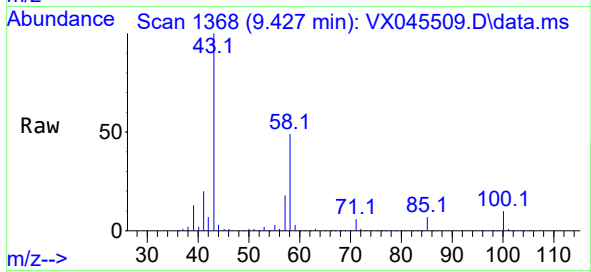


#48
2-Hexanone
Concen: 107.25 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 146326

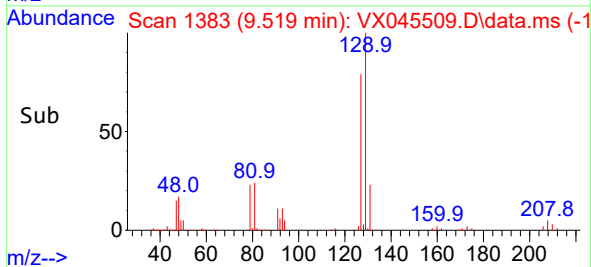
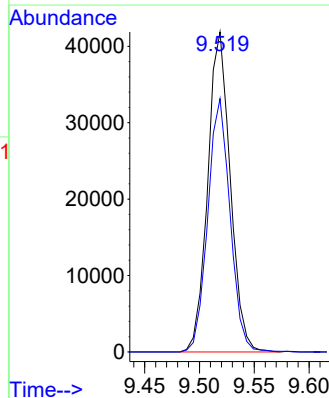
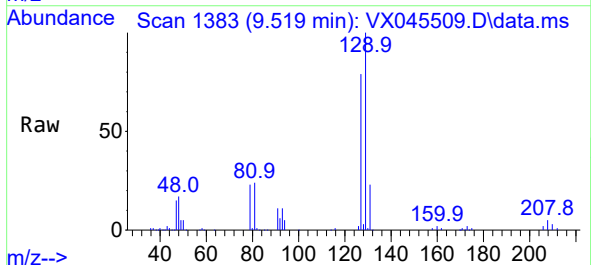
Ion	Ratio	Lower	Upper
43	100		
58	52.1	44.3	66.5
57	18.9	15.9	23.9
100	11.0	10.1	15.1

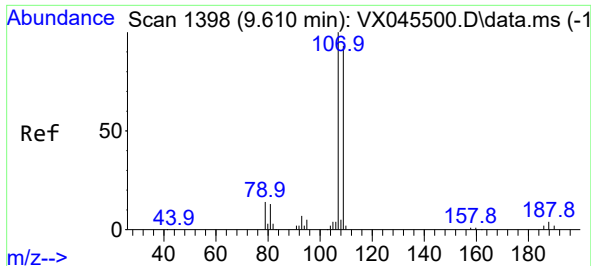


#49
Dibromochloromethane
Concen: 52.85 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 129 Resp: 59866

Ion	Ratio	Lower	Upper
129	100		
127	79.1	53.6	99.6





#50

1,2-Dibromoethane

Concen: 53.44 ug/L

RT: 9.604 min Scan# 1397

Delta R.T. -0.006 min

Lab File: VX045509.D

Acq: 28 Mar 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

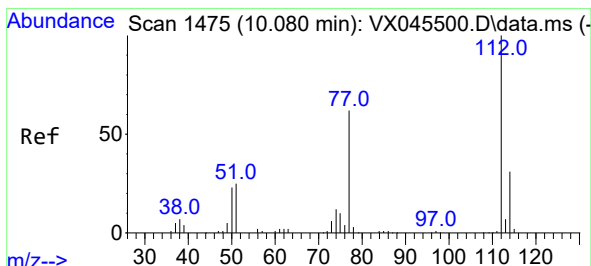
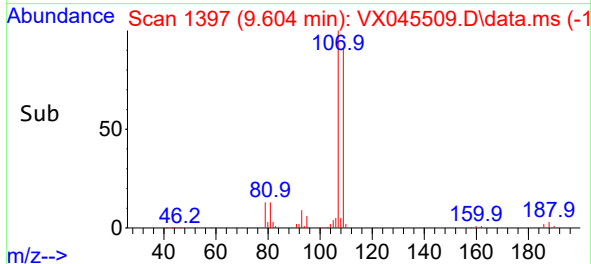
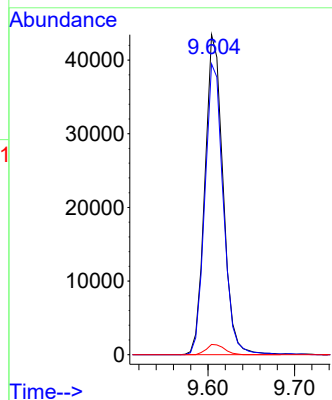
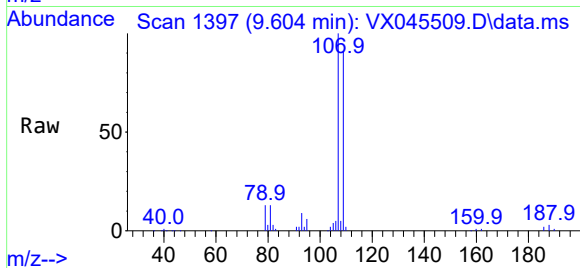
Tgt Ion:107 Resp: 63125

Ion Ratio Lower Upper

107 100

109 90.8 67.2 124.8

188 3.2 2.2 3.4



#51

Chlorobenzene

Concen: 53.65 ug/L

RT: 10.073 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VX045509.D

Acq: 28 Mar 2025 16:27

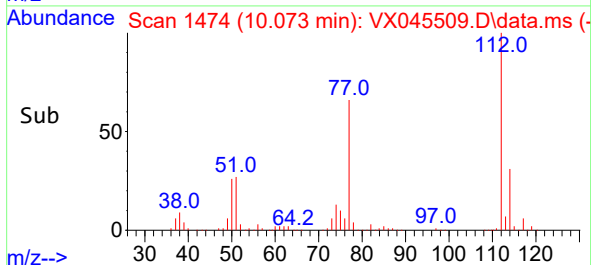
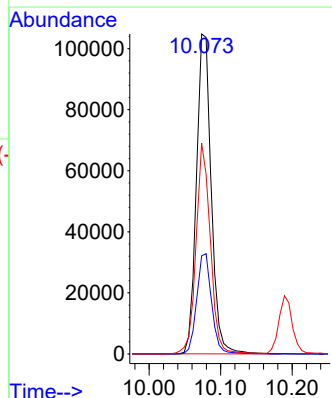
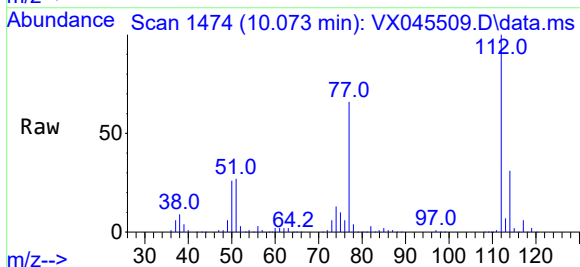
Tgt Ion:112 Resp: 150562

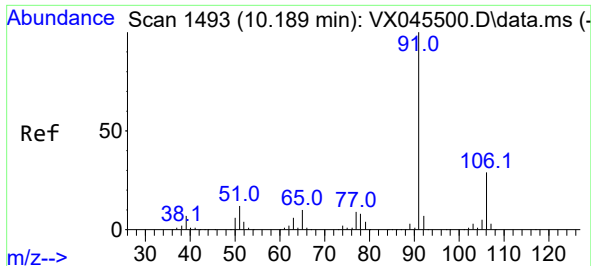
Ion Ratio Lower Upper

112 100

114 30.6 22.4 41.6

77 65.9 49.2 73.8

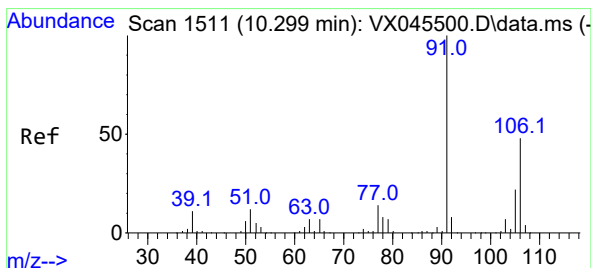
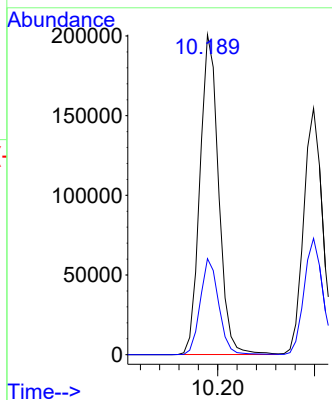




#52
Ethylbenzene
Concen: 53.66 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

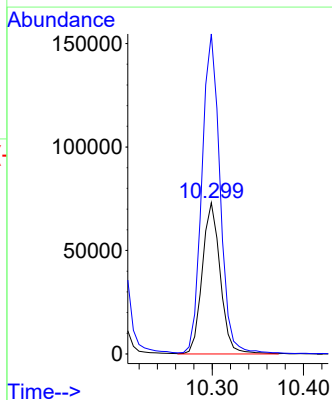
Tgt Ion: 91 Resp: 270176
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.3

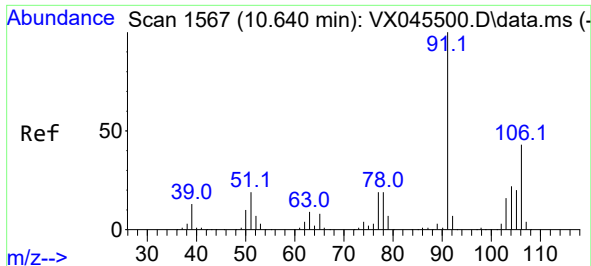
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



#53
m,p-Xylene
Concen: 54.63 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion:106 Resp: 99715
Ion Ratio Lower Upper
106 100
91 211.7 145.2 269.6

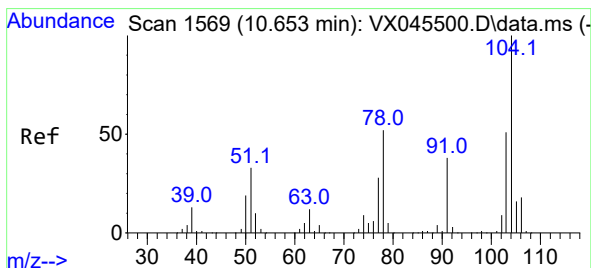
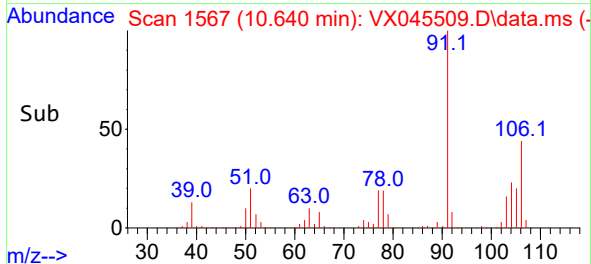
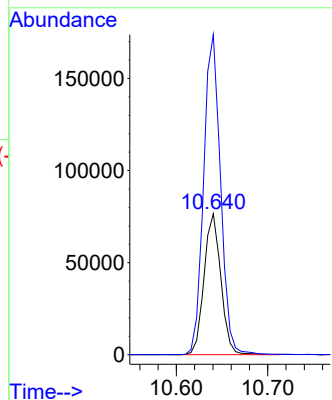
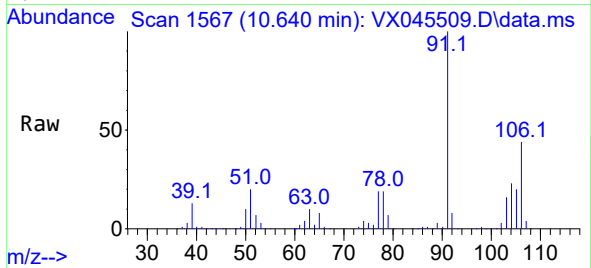




#54
o-Xylene
Concen: 54.43 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

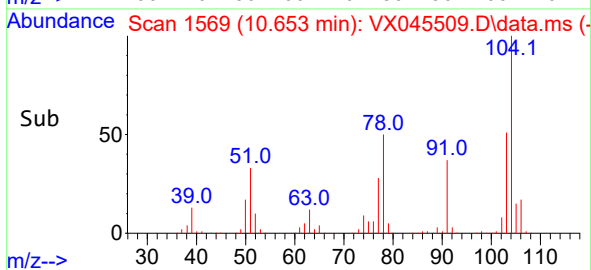
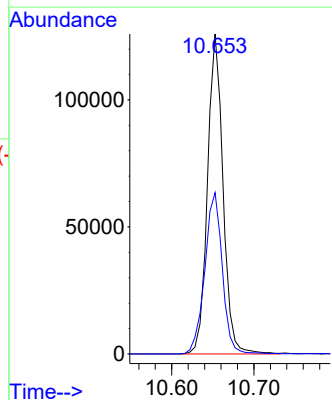
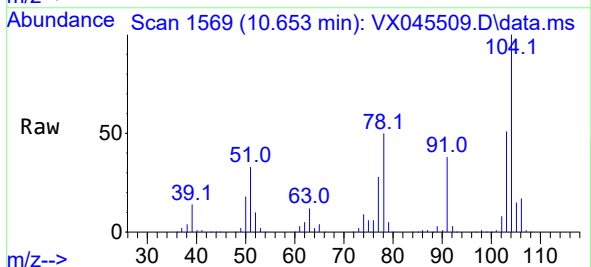
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

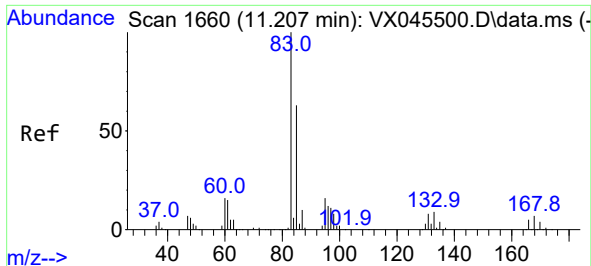
Tgt Ion:106 Resp: 97592
Ion Ratio Lower Upper
106 100
91 226.9 153.2 284.4



#55
Styrene
Concen: 55.06 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion:104 Resp: 165216
Ion Ratio Lower Upper
104 100
78 50.4 32.7 60.7

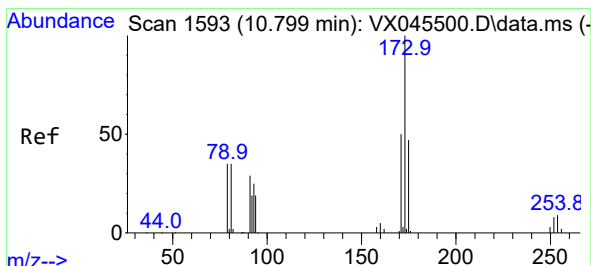
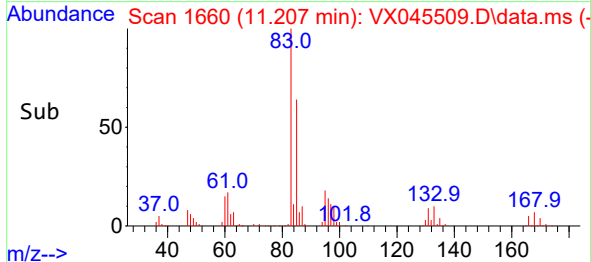
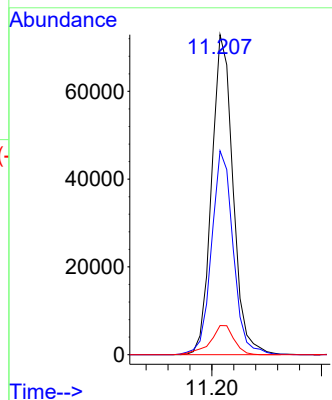
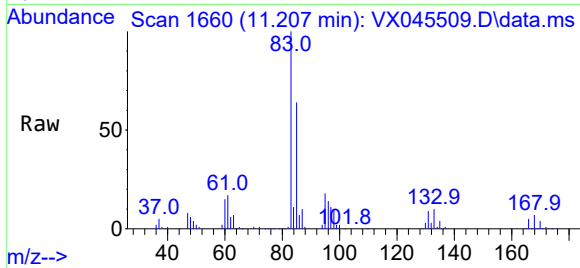




#57
1,1,2,2-Tetrachloroethane
Concen: 55.22 ug/L
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

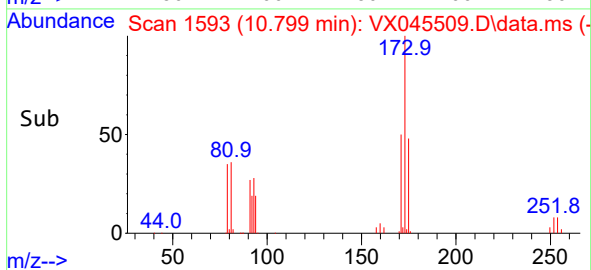
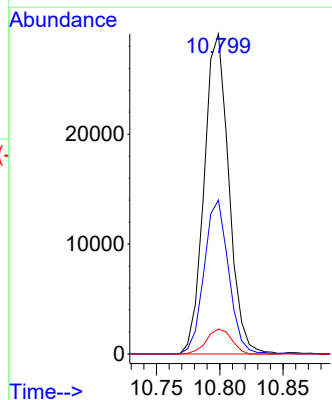
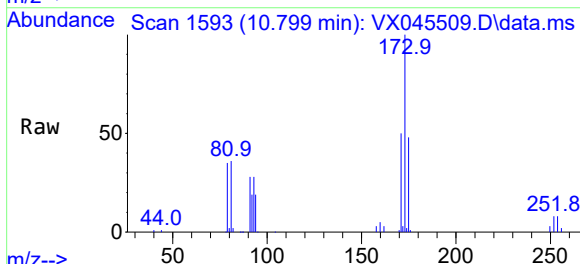
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

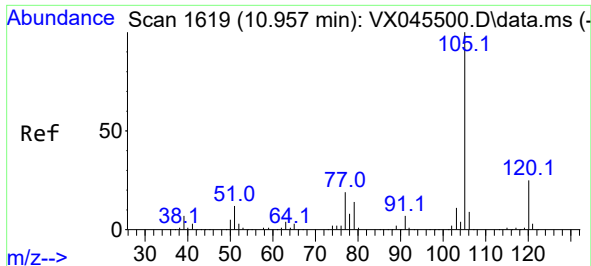
Tgt Ion:	83	Resp:	98551
Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.9	83.5
131	9.1	8.0	12.0



#59
Bromoform
Concen: 50.46 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion:	173	Resp:	39595
Ion	Ratio	Lower	Upper
173	100		
175	47.6	38.6	58.0
254	7.9	6.6	10.0

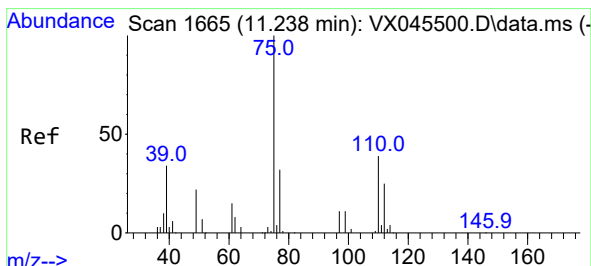
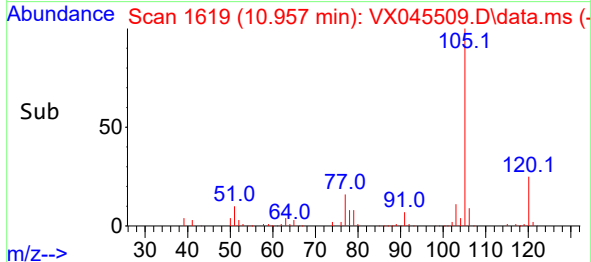
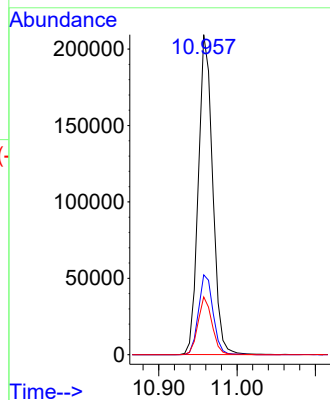
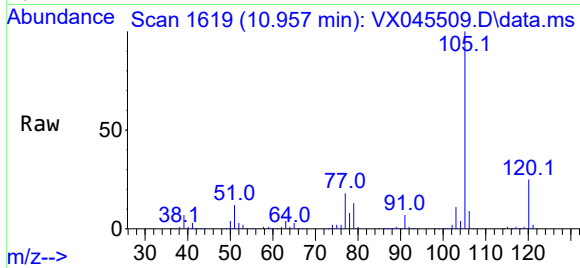




#60
Isopropylbenzene
Concen: 52.59 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

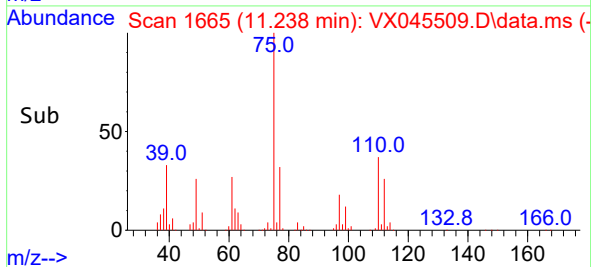
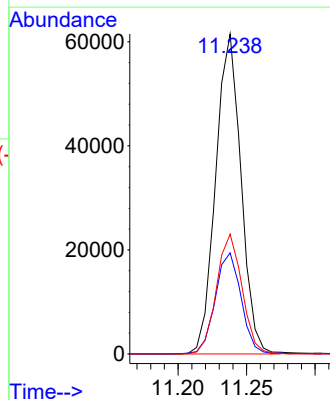
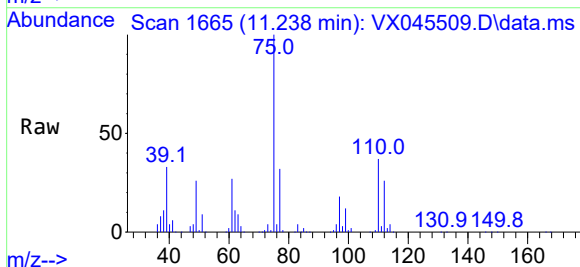
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

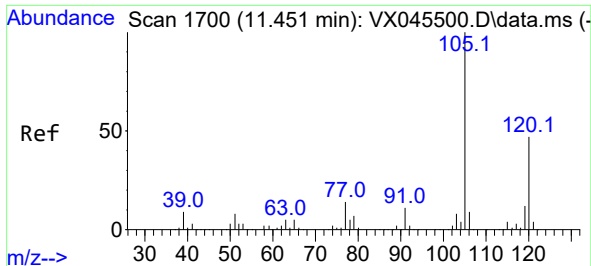
Tgt Ion:105 Resp: 266653
Ion Ratio Lower Upper
105 100
120 25.4 20.9 31.3
77 17.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 52.15 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 75 Resp: 79028
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 37.7 30.8 46.2

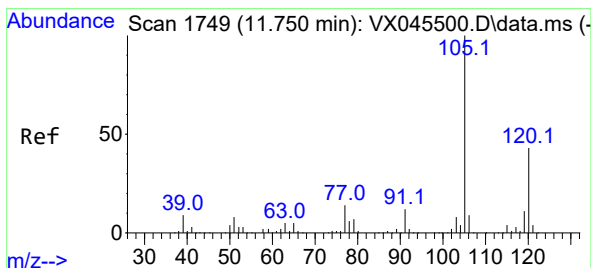
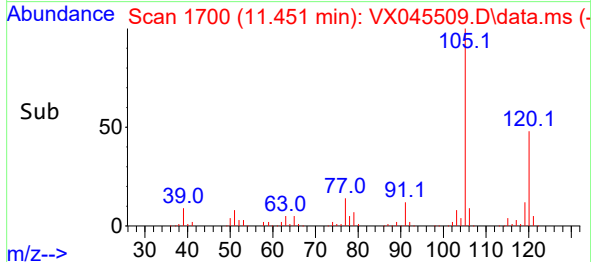
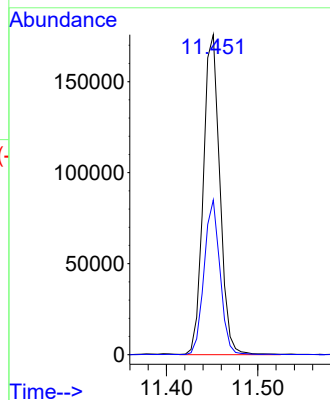
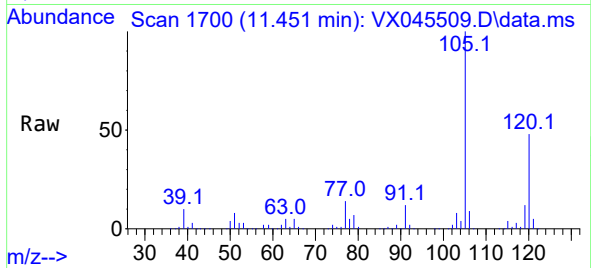




#62
1,3,5-Trimethylbenzene
Concen: 53.21 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

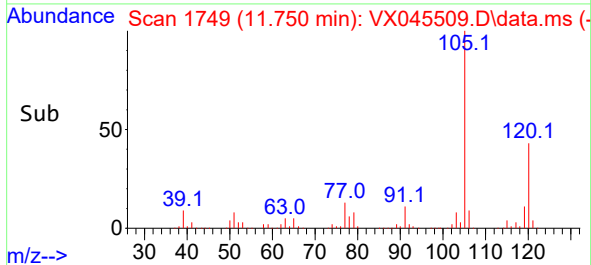
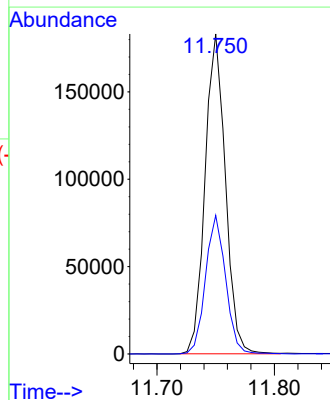
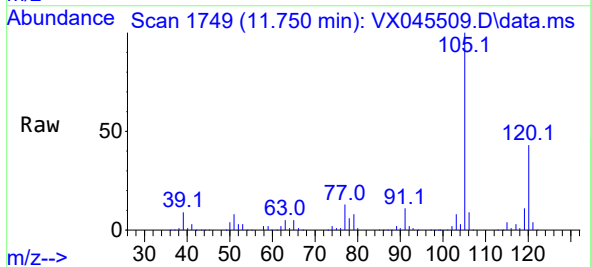
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

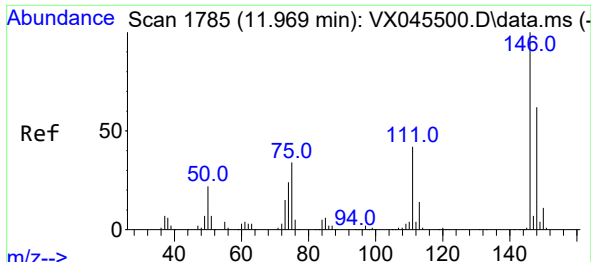
Tgt Ion:105 Resp: 220700
Ion Ratio Lower Upper
105 100
120 46.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 54.00 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion:105 Resp: 219835
Ion Ratio Lower Upper
105 100
120 43.0 35.7 53.5

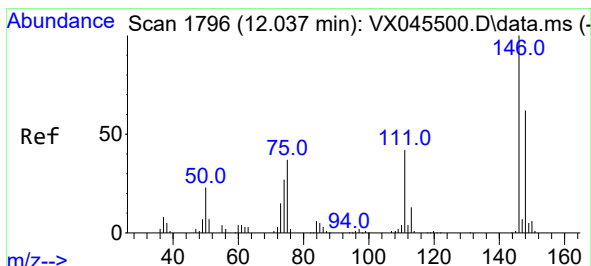
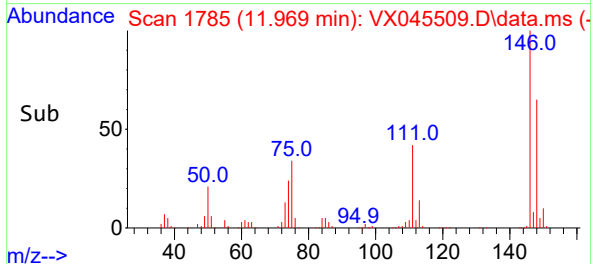
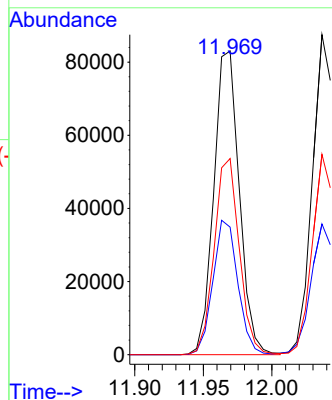
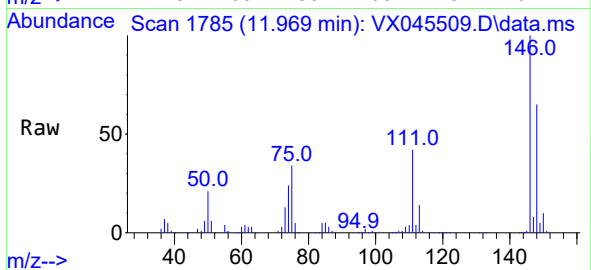




#64
1,3-Dichlorobenzene
Concen: 52.15 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

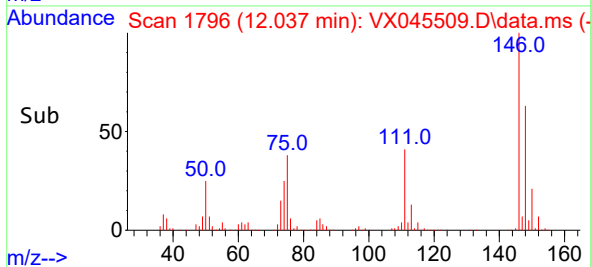
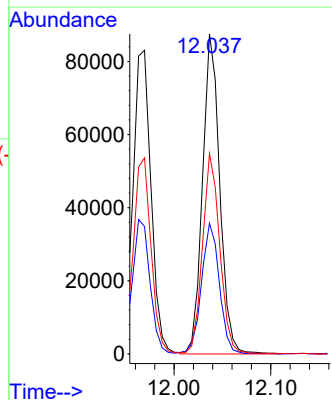
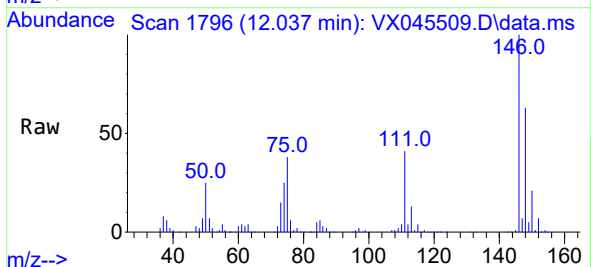
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

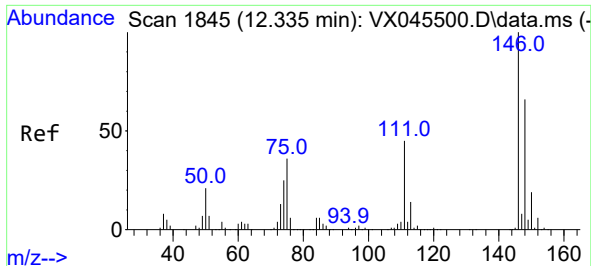
Tgt Ion:146 Resp: 107425
Ion Ratio Lower Upper
146 100
111 42.0 29.5 54.9
148 64.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 52.91 ug/L
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion:146 Resp: 108692
Ion Ratio Lower Upper
146 100
111 40.9 29.7 55.1
148 62.6 43.5 80.7

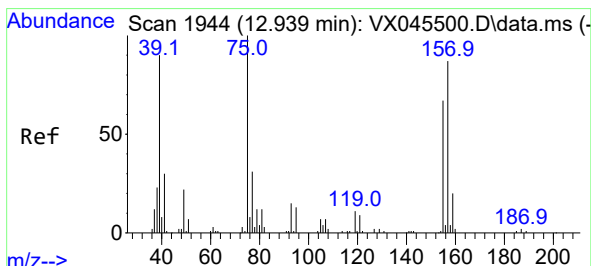
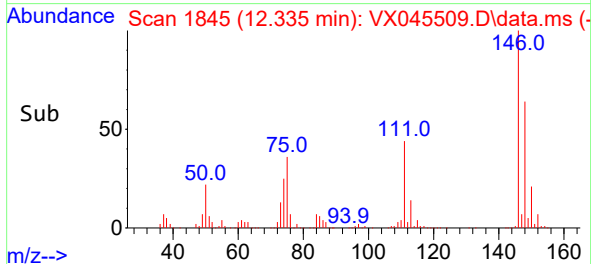
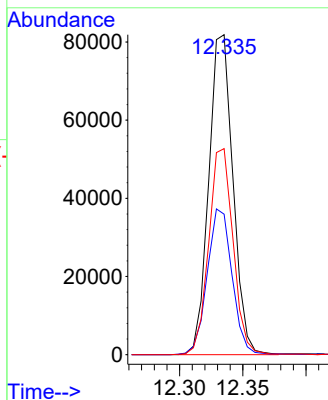
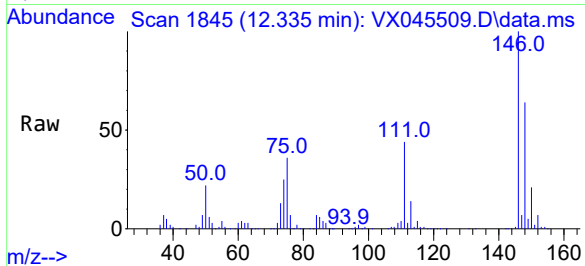




#67
1,2-Dichlorobenzene
Concen: 53.24 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

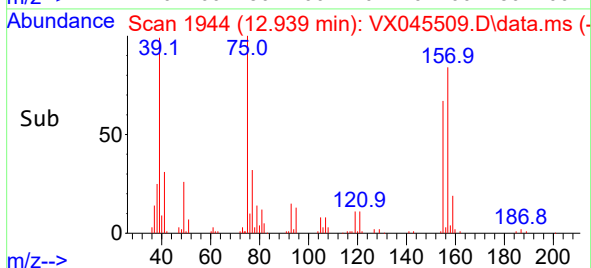
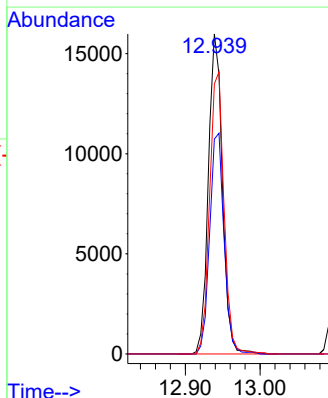
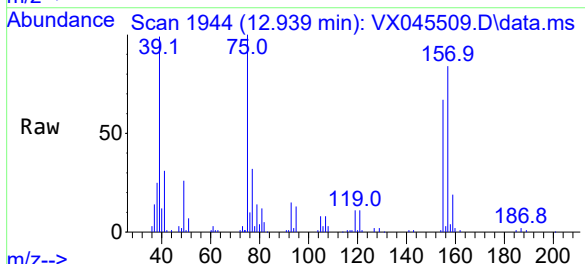
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

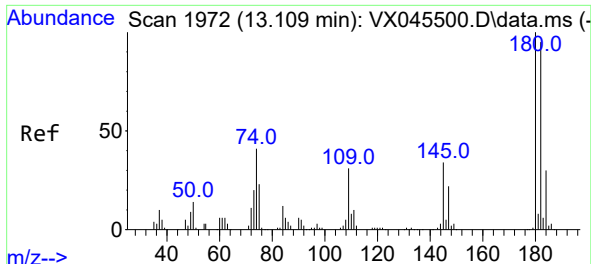
Tgt Ion:146 Resp: 109083
Ion Ratio Lower Upper
146 100
111 43.9 36.1 54.1
148 64.4 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 51.08 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion: 75 Resp: 20812
Ion Ratio Lower Upper
75 100
155 67.2 62.5 93.7
157 84.4 83.5 125.3

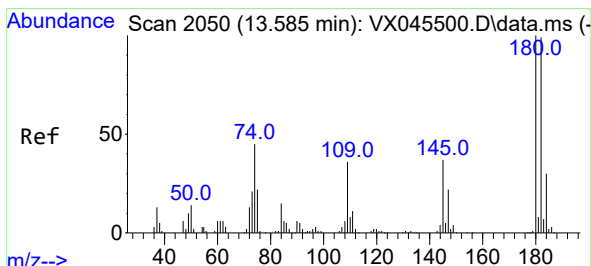
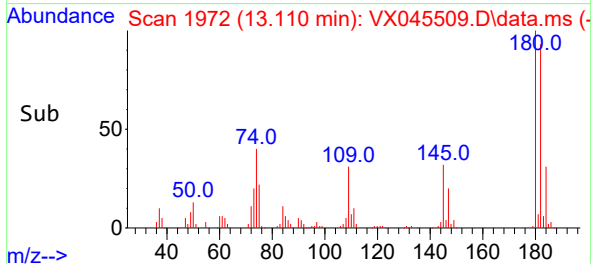
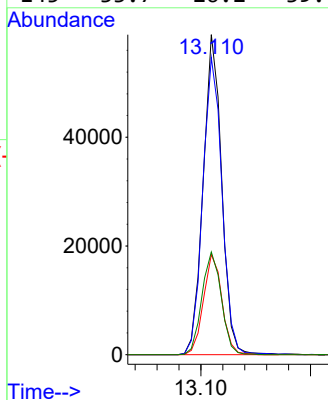
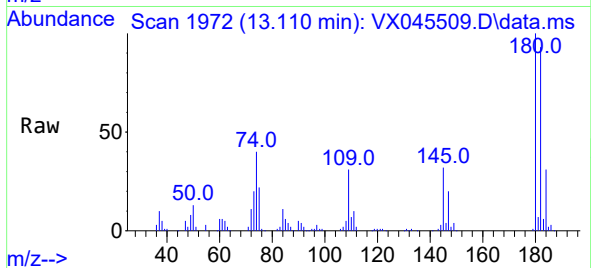




#69
1,3,5-Trichlorobenzene
Concen: 52.87 ug/L
RT: 13.110 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

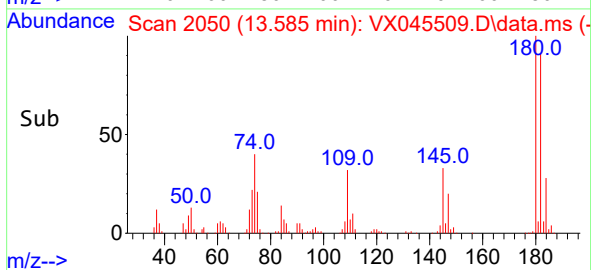
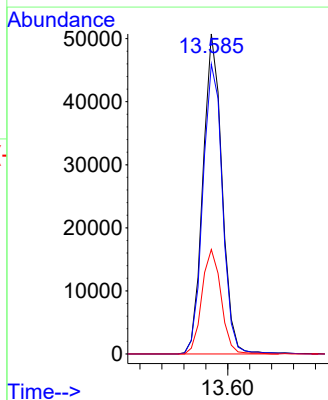
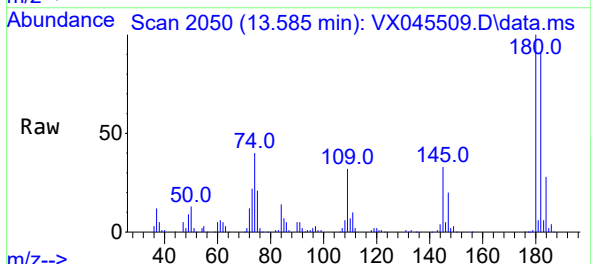
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

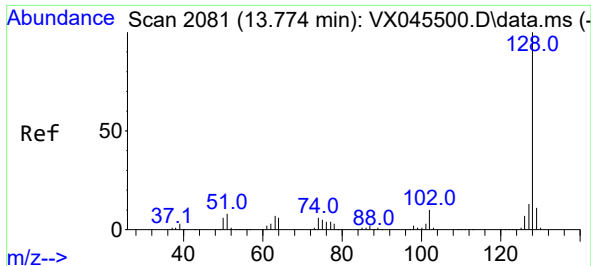
Tgt Ion:180	Resp:	68944
Ion Ratio	Lower	Upper
180	100	
182	96.5	77.0 115.6
184	31.4	24.0 36.0
145	33.7	26.2 39.4



#70
1,2,4-trichlorobenzene
Concen: 53.20 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

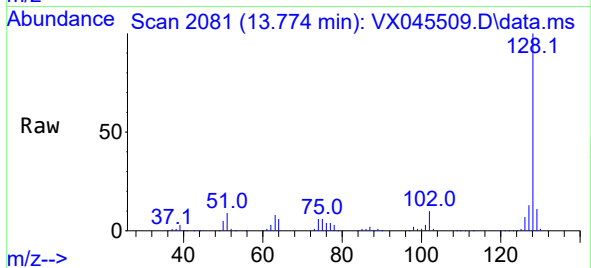
Tgt Ion:180	Resp:	61182
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.5 114.7
145	32.9	27.0 40.4



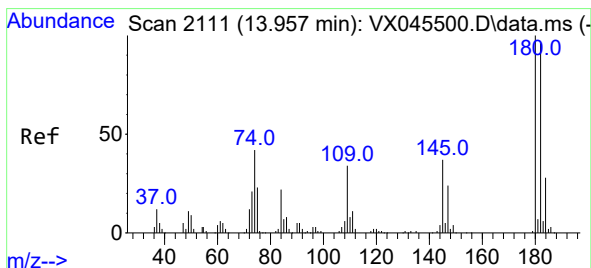
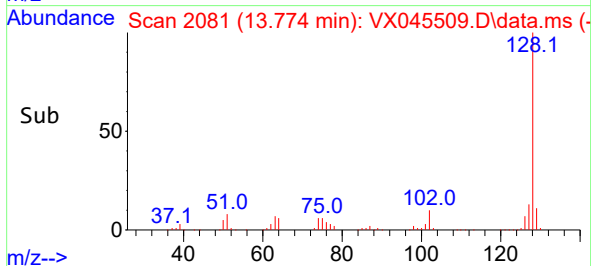
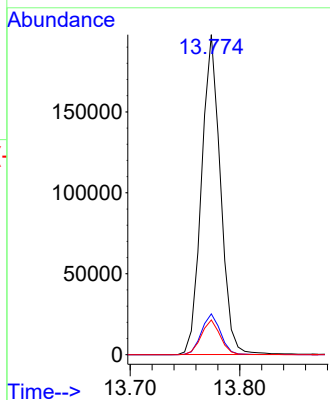


#71
Naphthalene
Concen: 54.28 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 236115
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.41 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045509.D
Acq: 28 Mar 2025 16:27

Tgt Ion:180 Resp: 63137
Ion Ratio Lower Upper
180 100
182 95.5 77.1 115.7
145 36.3 28.3 42.5

