

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123024\
 Data File : VX044532.D
 Acq On : 30 Dec 2024 09:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 00:52:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 22:07:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	235820	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	207303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	98761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91558	42.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.860%
7) Chloroethane-d5	1.648	69	80948	48.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.840%
11) 1,1-Dichloroethene-d2	2.294	65	39677	42.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.980%
21) 2-Butanone-d5	4.459	46	121190	91.723	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.720%
24) Chloroform-d	5.050	84	191739	46.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
26) 1,2-Dichloroethane-d4	5.946	65	121730	42.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.020%
32) Benzene-d6	5.964	84	337072	47.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
36) 1,2-Dichloropropane-d6	7.306	67	104894	47.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	8.647	98	303919	45.888	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.780%
43) trans-1,3-Dichloroprop...	8.946	79	48892	45.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.480%
47) 2-Hexanone-d5	9.384	63	82417	95.036	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.040%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144943	48.600	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	107934	46.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75198	39.321	ug/L	100
3) Chloromethane	1.294	50	67496	38.258	ug/L	99
5) Vinyl chloride	1.374	62	76634	40.262	ug/L	99
6) Bromomethane	1.593	94	51810	40.048	ug/L	98
8) Chloroethane	1.666	64	53218	42.234	ug/L	95
9) Trichlorofluoromethane	1.874	101	142123	40.075	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	75456	48.311	ug/L	96
12) 1,1-Dichloroethene	2.306	96	62912	45.254	ug/L #	64
13) Acetone	2.380	43	71969	61.215	ug/L	94
14) Carbon disulfide	2.502	76	111631	42.388	ug/L	99
15) Methyl Acetate	2.703	43	78444	41.146	ug/L	100
16) Methylene chloride	2.782	84	74008	46.261	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	64271	44.390	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	243780	41.726	ug/L	97
19) 1,1-Dichloroethane	3.599	63	132831	43.731	ug/L	97
20) cis-1,2-Dichloroethene	4.477	96	81218	45.885	ug/L	99
22) 2-Butanone	4.556	43	107215	75.557	ug/L	98
23) Bromochloromethane	4.891	128	42560	49.306	ug/L	96
25) Chloroform	5.086	83	151218	44.234	ug/L	97

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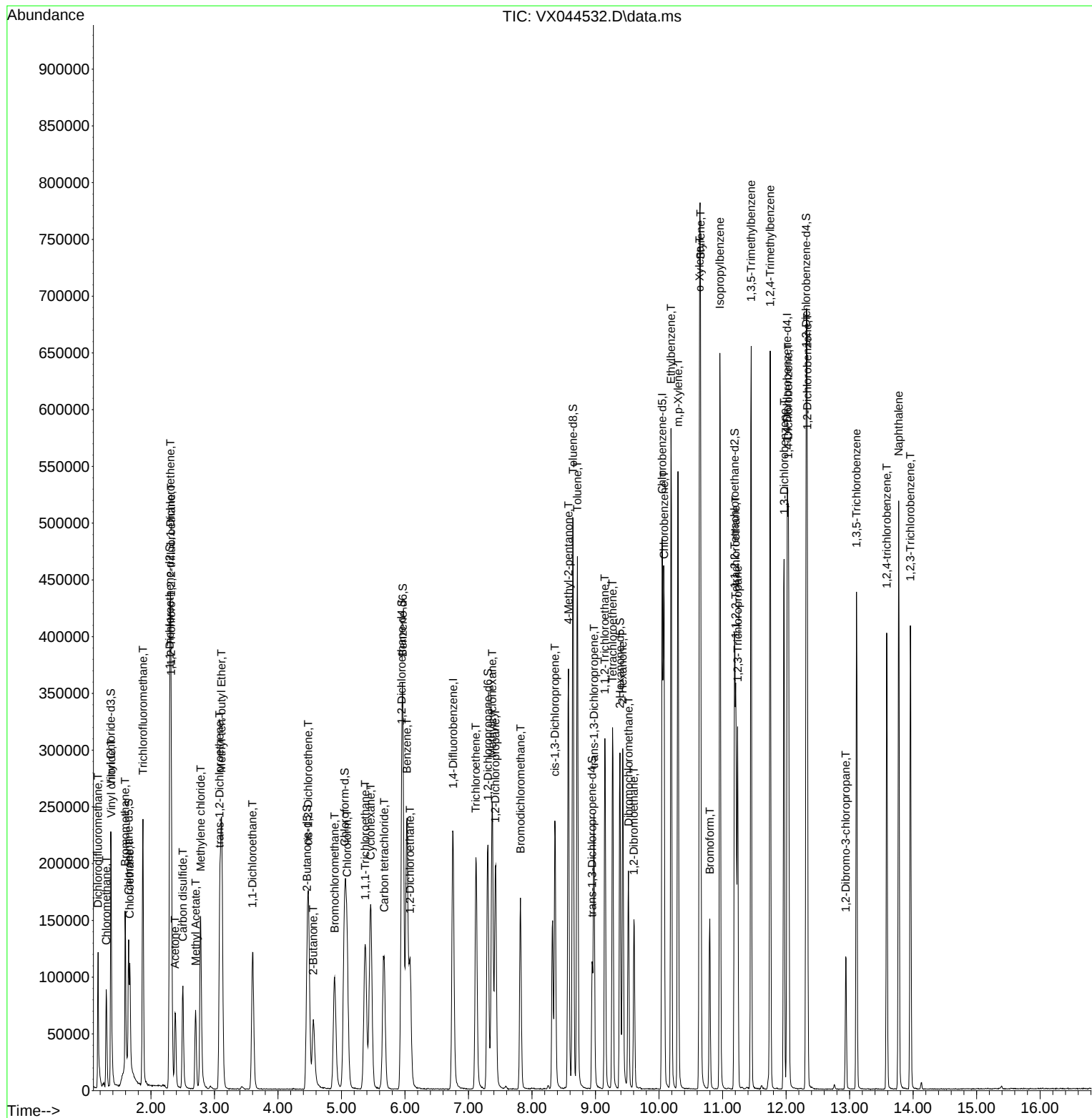
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	116538	41.005	ug/L	100
29) Cyclohexane	5.458	56	105846	41.151	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	128731	45.746	ug/L	98
31) Carbon tetrachloride	5.672	117	106663	48.392	ug/L	100
33) Benzene	6.031	78	281636	44.738	ug/L	100
34) Trichloroethene	7.117	95	76882	44.733	ug/L	96
35) Methylcyclohexane	7.373	83	111176	44.653	ug/L	99
37) 1,2-Dichloropropane	7.421	63	76468	45.237	ug/L	99
38) Bromodichloromethane	7.818	83	102827	46.431	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	125576	47.430	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	220522	84.266	ug/L	96
42) Toluene	8.714	91	303566	45.511	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	112616	44.876	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	80153	46.271	ug/L	98
46) Tetrachloroethene	9.269	164	59592	51.977	ug/L	93
48) 2-Hexanone	9.427	43	161464	78.362	ug/L	97
49) Dibromochloromethane	9.519	129	78394	51.200	ug/L	100
50) 1,2-Dibromoethane	9.604	107	82580	46.162	ug/L	100
51) Chlorobenzene	10.079	112	196479	45.913	ug/L	95
52) Ethylbenzene	10.189	91	335141	45.614	ug/L	98
53) m,p-Xylene	10.299	106	129060	48.497	ug/L	96
54) o-Xylene	10.640	106	124820	45.612	ug/L	99
55) Styrene	10.653	104	212493	47.609	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	119853	44.601	ug/L	98
59) Bromoform	10.799	173	50563	51.025	ug/L	100
60) Isopropylbenzene	10.957	105	335797	44.063	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	92097	40.263	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	276367	43.698	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	268542	43.265	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	147956	46.813	ug/L	96
65) 1,4-Dichlorobenzene	12.036	146	146305	46.259	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	149305	46.526	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	21604	41.556	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	100563	50.998	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	86418	49.199	ug/L	94
71) Naphthalene	13.774	128	307717	42.971	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	93137	49.914	ug/L	97

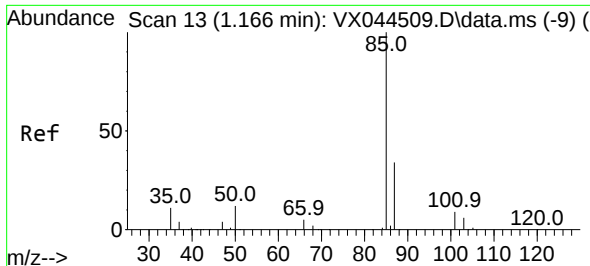
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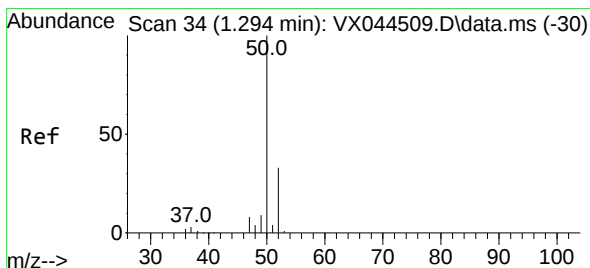
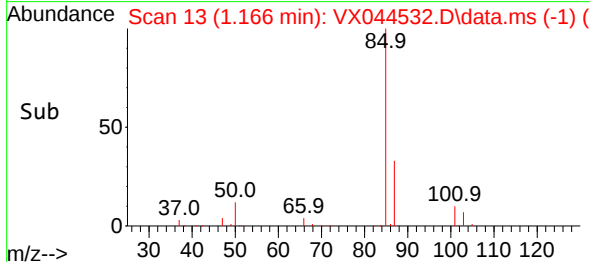
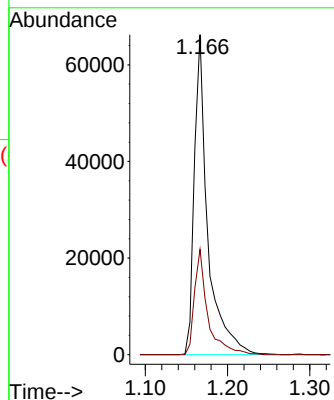
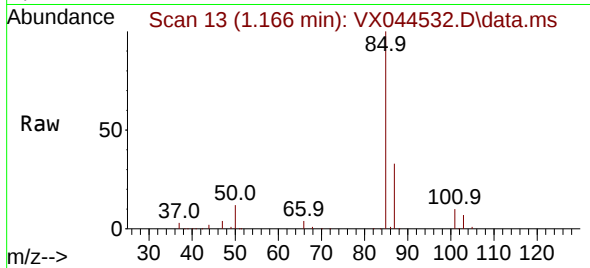




#2
Dichlorodifluoromethane
Concen: 39.321 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

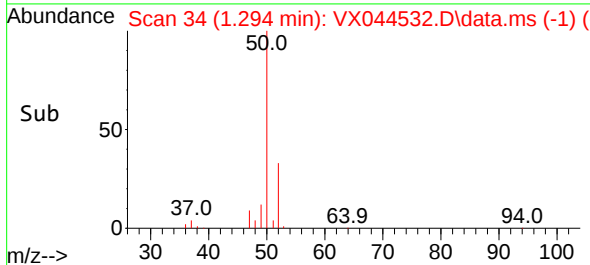
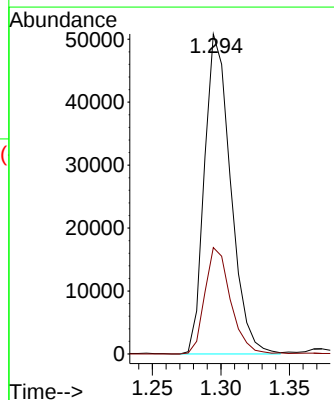
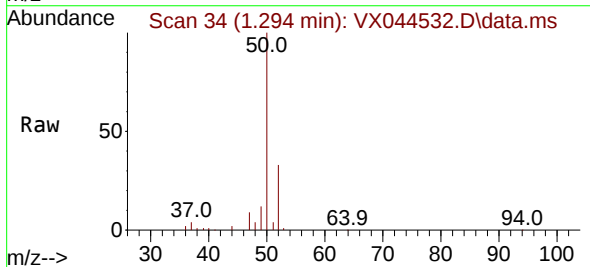
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ClientSampleId :

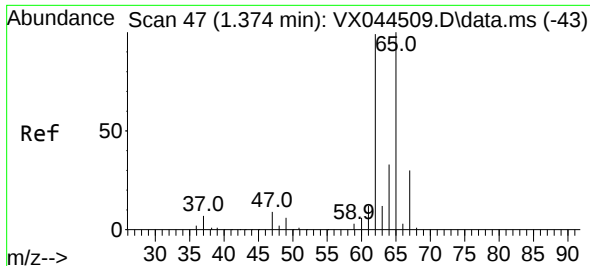
Tgt Ion: 85 Resp: 75198
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1



#3
Chloromethane
Concen: 38.258 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 50 Resp: 67496
Ion Ratio Lower Upper
50 100
52 33.2 23.9 44.3

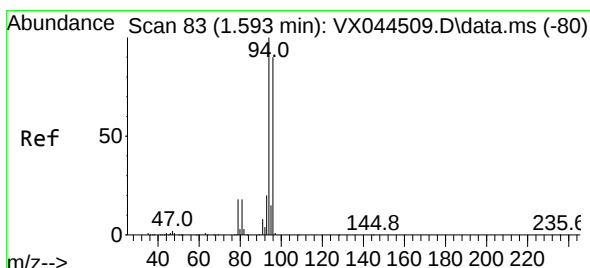
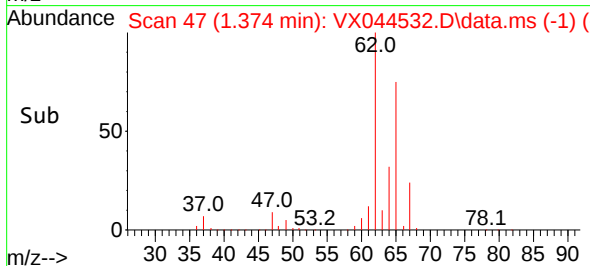
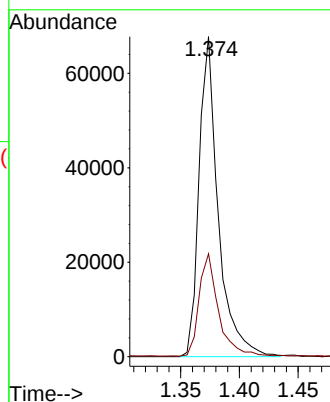
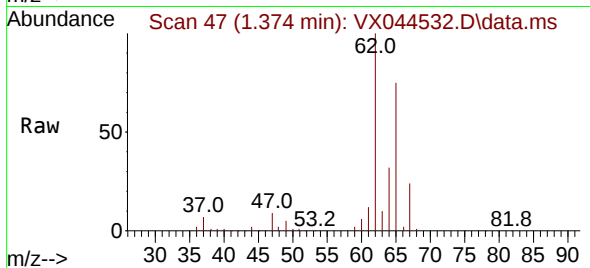




#5
 Vinyl chloride
 Concen: 40.262 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044532.D
 Acq: 30 Dec 2024 09:30

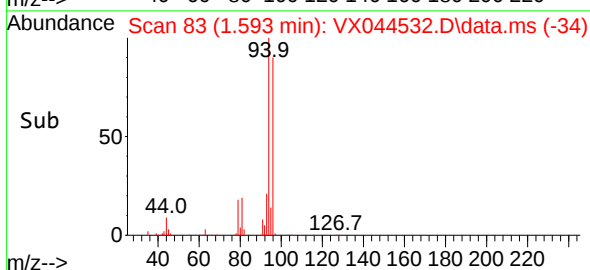
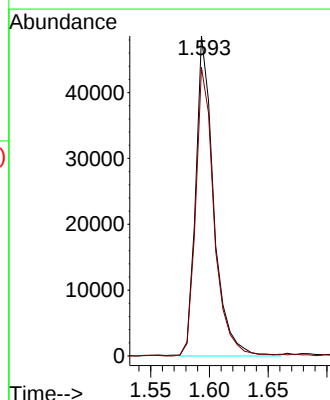
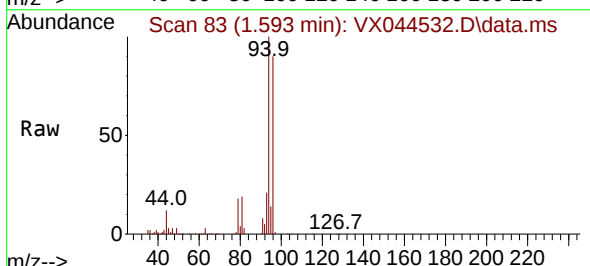
Instrument :
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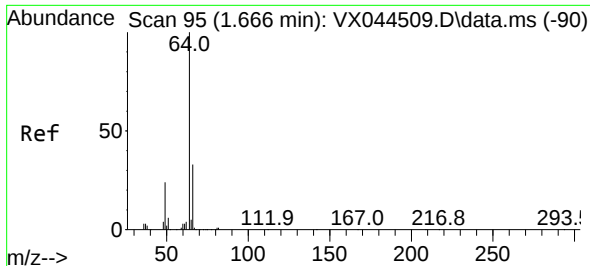
Tgt Ion: 62 Resp: 76634
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.2 41.2



#6
 Bromomethane
 Concen: 40.048 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044532.D
 Acq: 30 Dec 2024 09:30

Tgt Ion: 94 Resp: 51810
 Ion Ratio Lower Upper
 94 100
 96 90.2 64.2 119.2

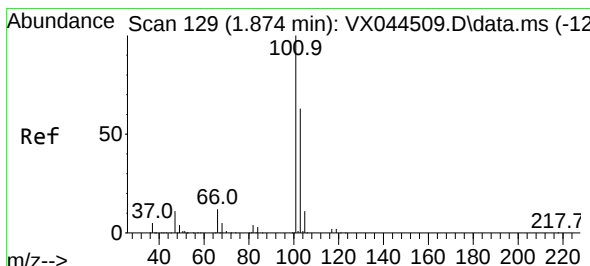
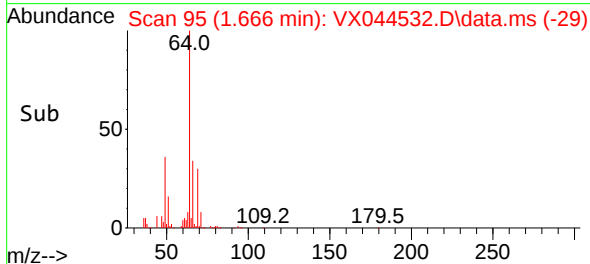
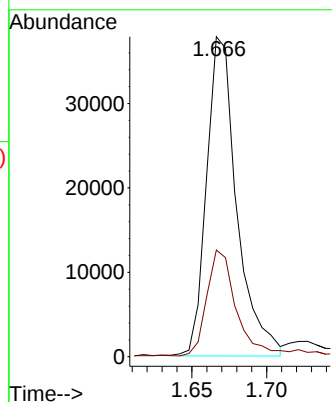
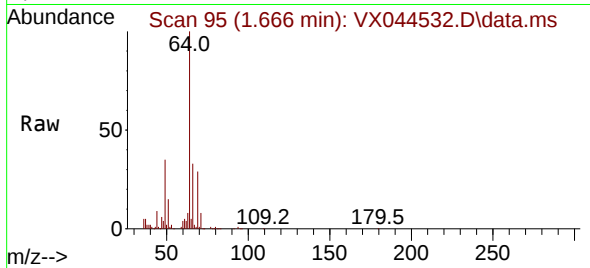




#8
Chloroethane
Concen: 42.234 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

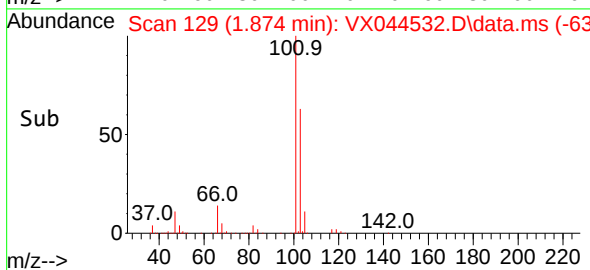
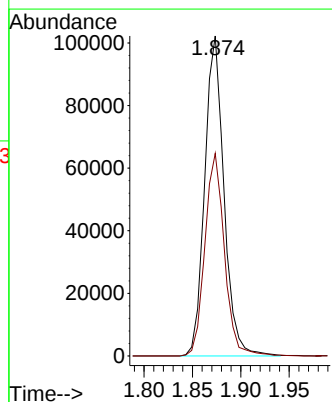
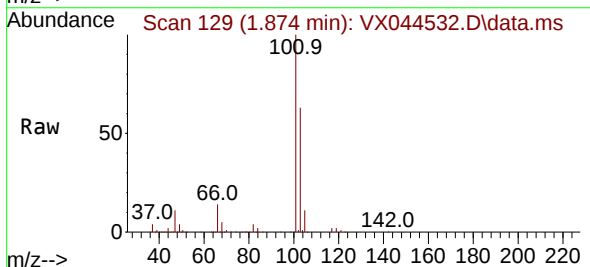
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MSVOA_X
ClientSampleId :

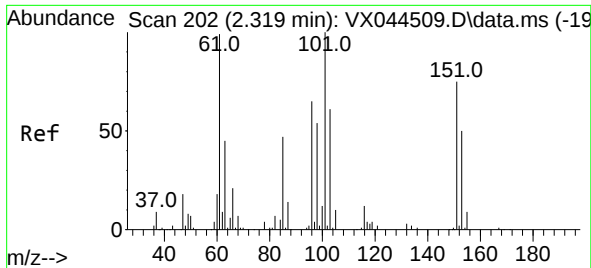
Tgt Ion: 64 Resp: 53218
Ion Ratio Lower Upper
64 100
66 33.3 21.5 39.9



#9
Trichlorofluoromethane
Concen: 40.075 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion:101 Resp: 142123
Ion Ratio Lower Upper
101 100
103 64.3 50.8 76.2

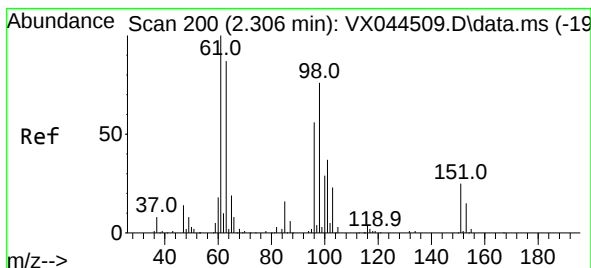
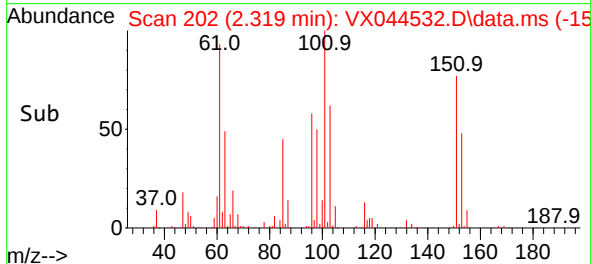
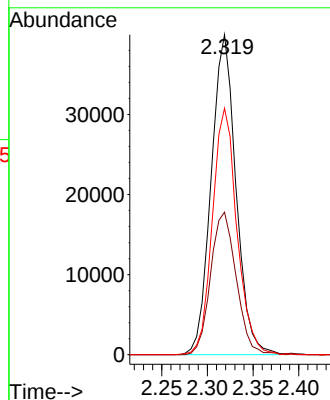
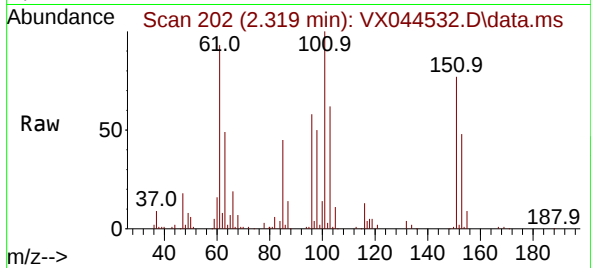




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.311 ug/L
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

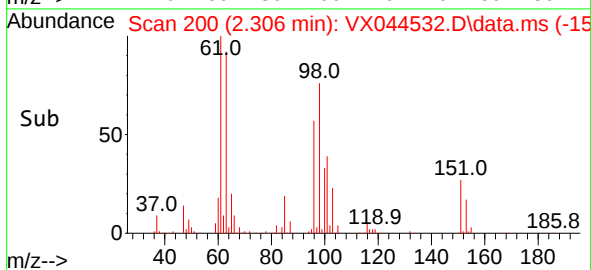
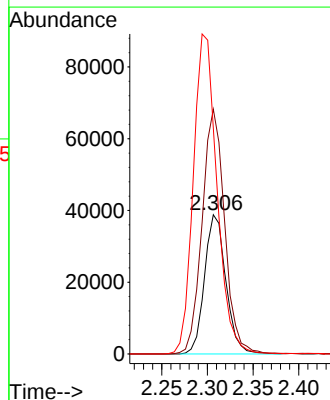
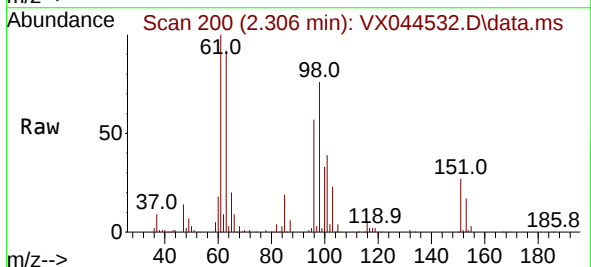
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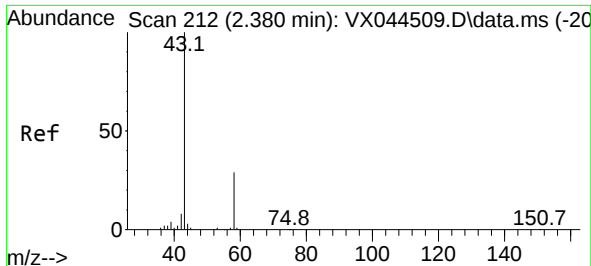
Tgt Ion:101 Resp: 75456
Ion Ratio Lower Upper
101 100
85 45.7 33.9 50.9
151 76.1 58.5 87.7



#12
1,1-Dichloroethene
Concen: 45.254 ug/L
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 96 Resp: 62912
Ion Ratio Lower Upper
96 100
61 175.8 109.3 203.1
63 162.2 65.7 122.1#

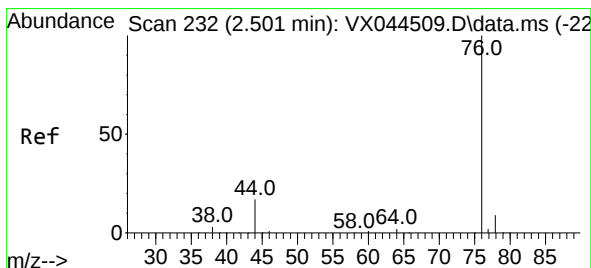
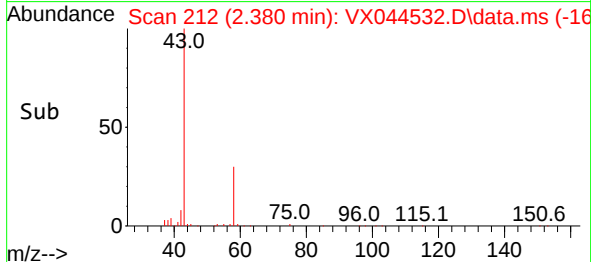
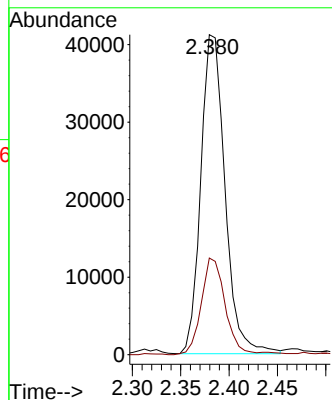
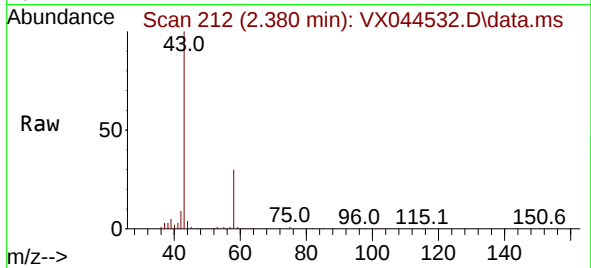




#13
Acetone
Concen: 61.215 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

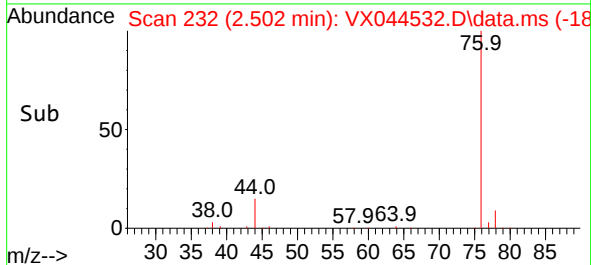
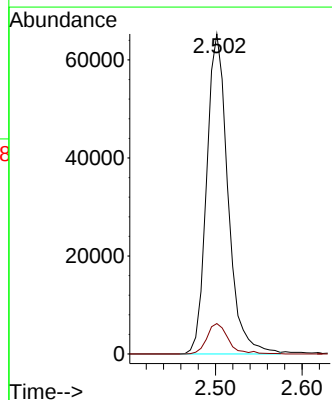
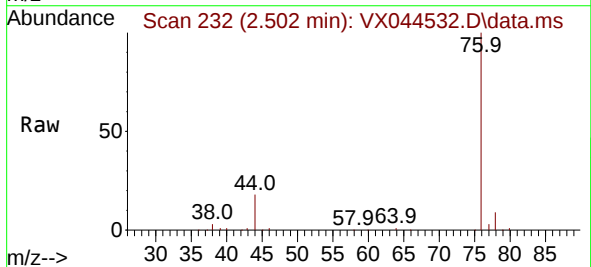
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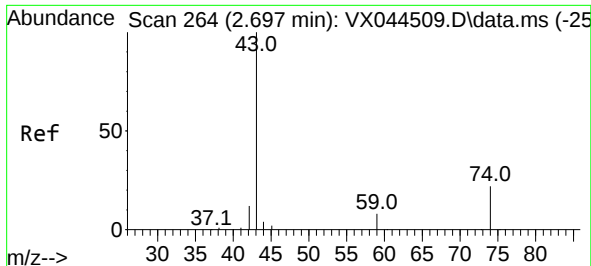
Tgt Ion: 43 Resp: 71969
Ion Ratio Lower Upper
43 100
58 29.5 0.0 66.0



#14
Carbon disulfide
Concen: 42.388 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 76 Resp: 111631
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

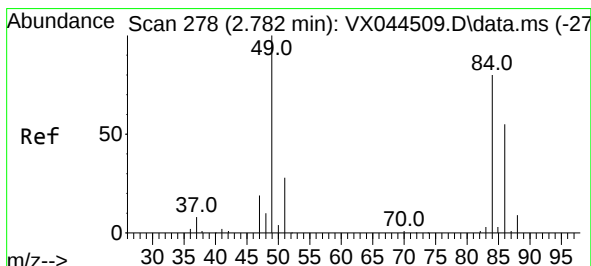
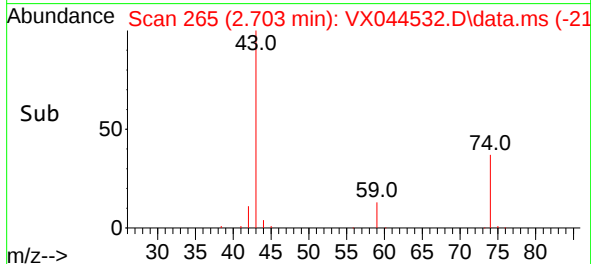
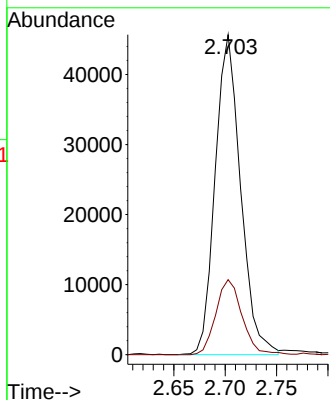
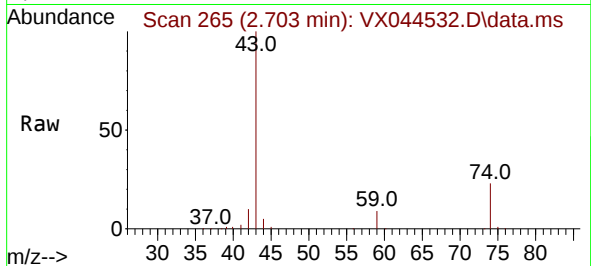




#15
Methyl Acetate
Concen: 41.146 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

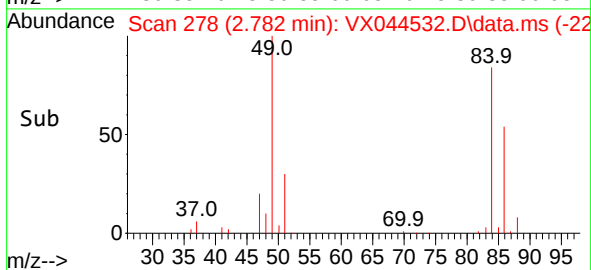
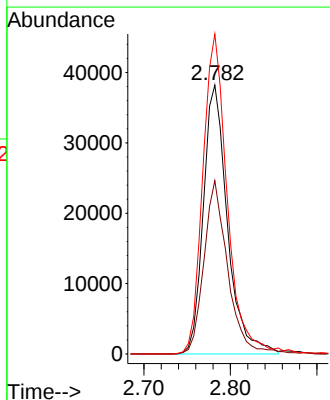
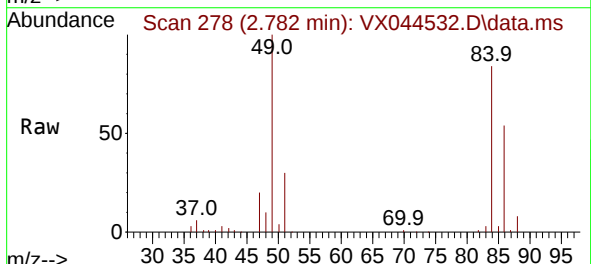
Instrument :
MSVOA_X
ClientSampleId :

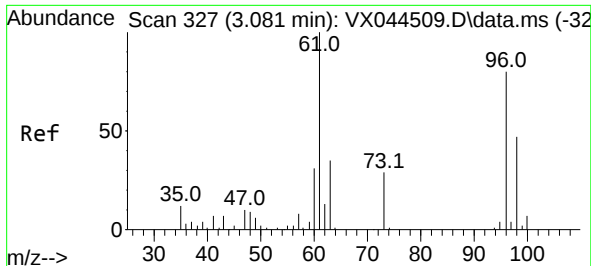
Tgt Ion: 43 Resp: 78444
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2



#16
Methylene chloride
Concen: 46.261 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 84 Resp: 74008
Ion Ratio Lower Upper
84 100
86 64.5 46.0 85.4
49 119.0 80.8 150.2

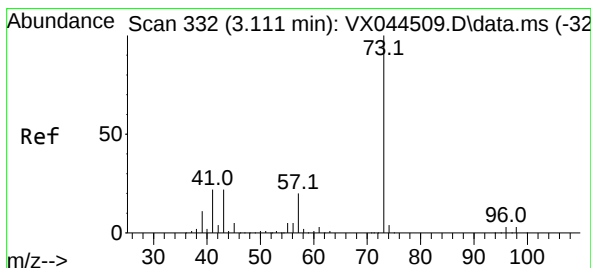
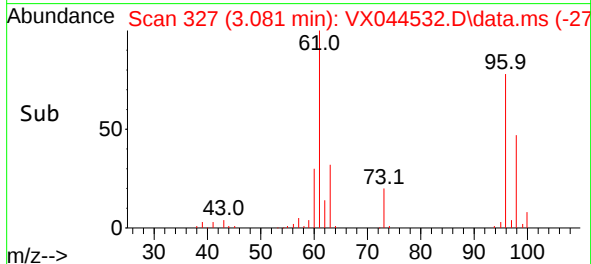
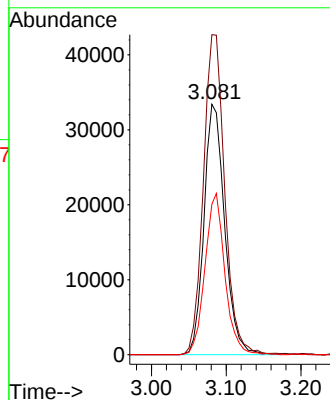
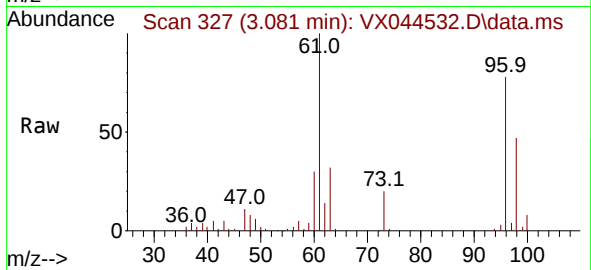




#17
trans-1,2-Dichloroethene
Concen: 44.390 ug/L
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

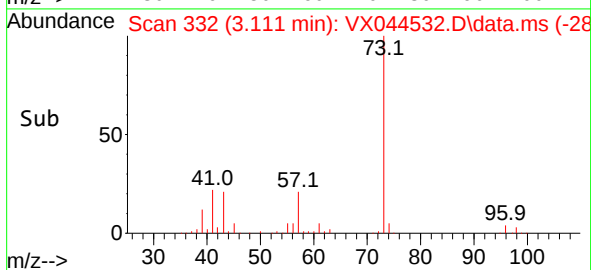
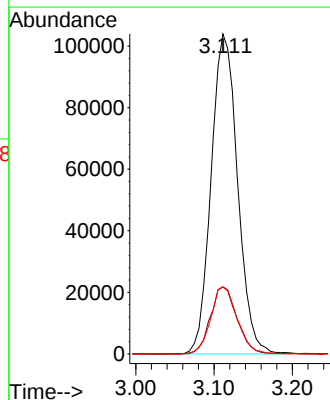
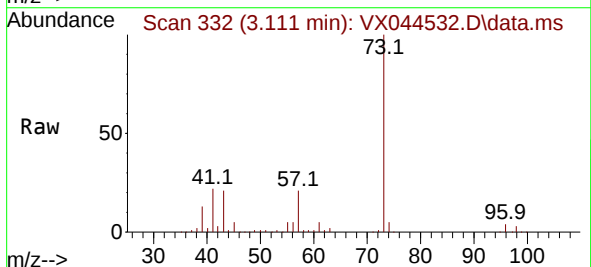
Instrument :
MSVOA_X
ClientSampleId :

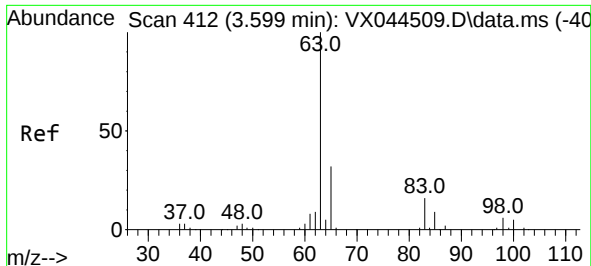
Tgt Ion: 96 Resp: 64271
Ion Ratio Lower Upper
96 100
61 127.8 95.7 177.7
98 60.1 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 41.726 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 73 Resp: 243780
Ion Ratio Lower Upper
73 100
43 21.1 15.2 22.8
57 20.8 17.0 25.6

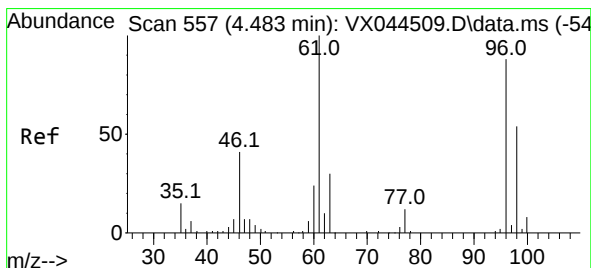
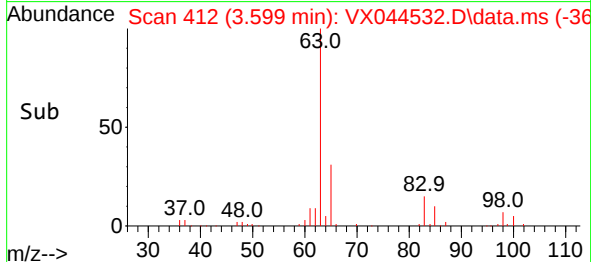
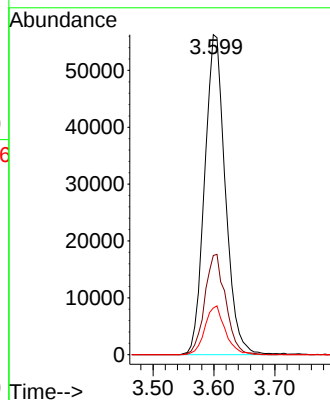
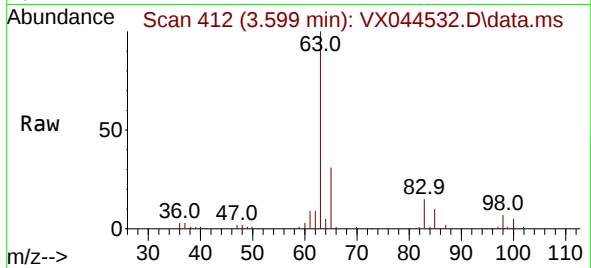




#19
 1,1-Dichloroethane
 Concen: 43.731 ug/L
 RT: 3.599 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX044532.D
 Acq: 30 Dec 2024 09:30

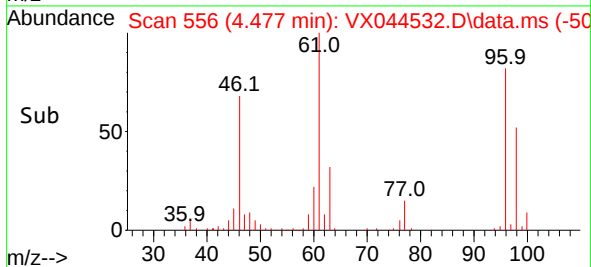
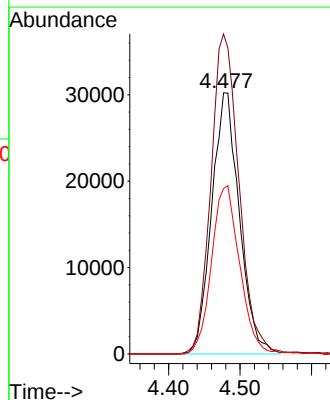
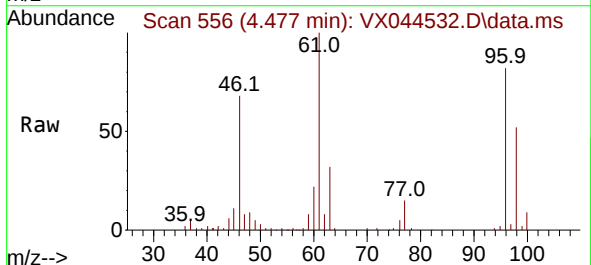
Instrument :
 MSVOA_X
 ClientSampleId :

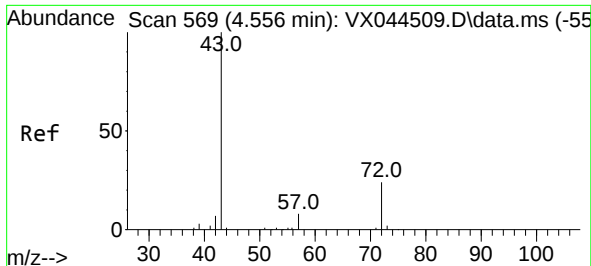
Tgt Ion: 63 Resp: 132831
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.2 43.2
 83 14.6 10.0 18.6



#20
 cis-1,2-Dichloroethene
 Concen: 45.885 ug/L
 RT: 4.477 min Scan# 556
 Delta R.T. -0.006 min
 Lab File: VX044532.D
 Acq: 30 Dec 2024 09:30

Tgt Ion: 96 Resp: 81218
 Ion Ratio Lower Upper
 96 100
 61 122.6 85.0 158.0
 98 63.4 44.6 82.8

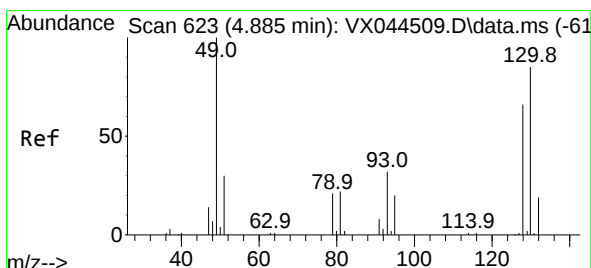
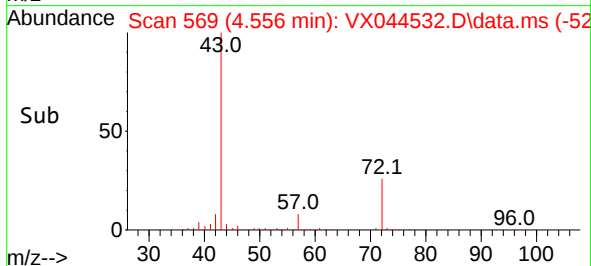
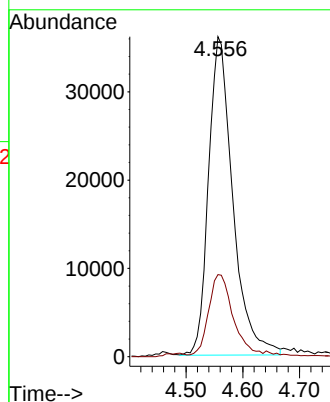
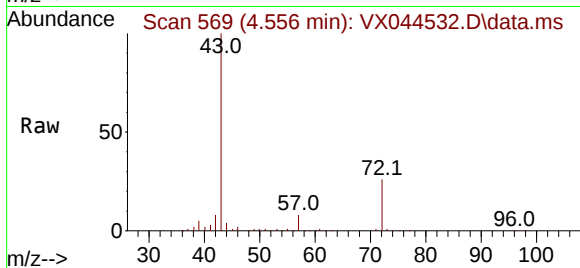




#22
2-Butanone
Concen: 75.557 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

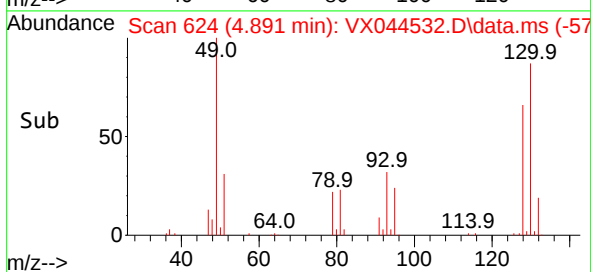
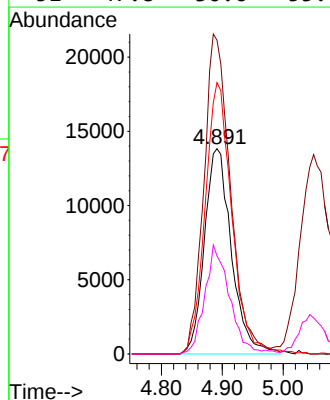
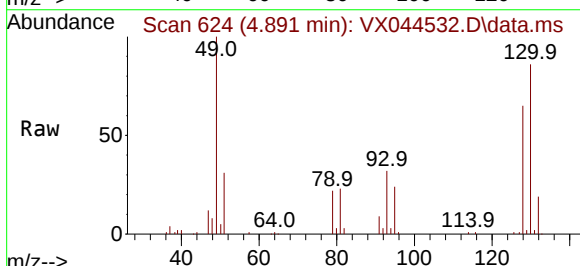
Instrument :
MSVOA_X
ClientSampleId :

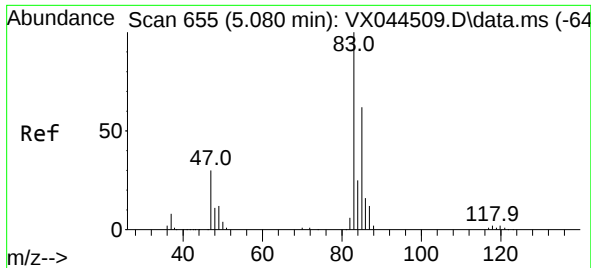
Tgt Ion: 43 Resp: 107215
Ion Ratio Lower Upper
43 100
72 25.3 13.1 39.3



#23
Bromochloromethane
Concen: 49.306 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 128 Resp: 42560
Ion Ratio Lower Upper
128 100
49 152.9 103.7 192.5
130 132.1 89.1 165.5
51 47.8 36.6 55.0

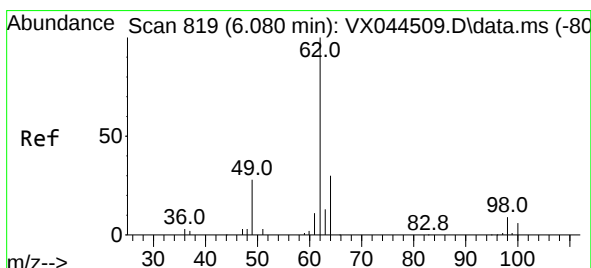
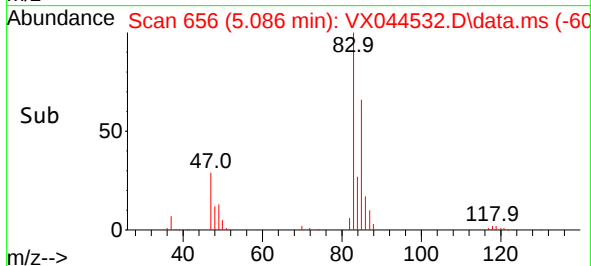
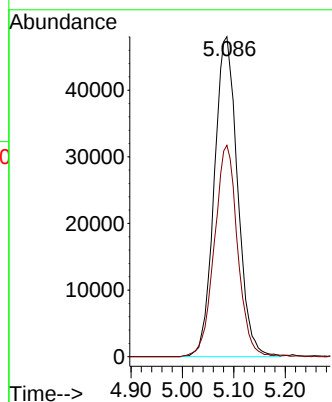
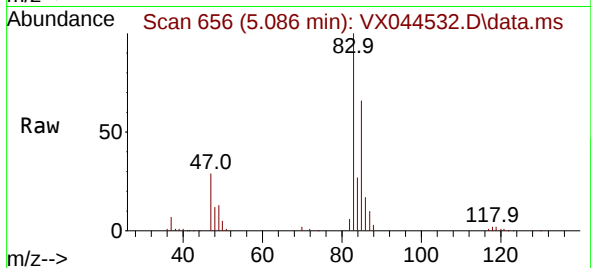




#25
Chloroform
Concen: 44.234 ug/L
RT: 5.086 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

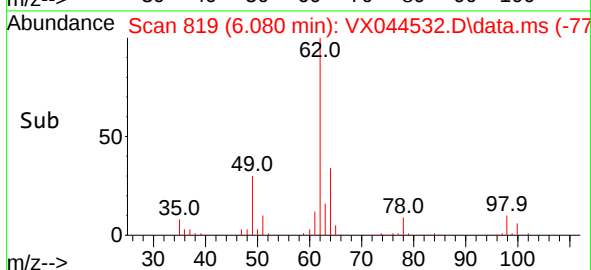
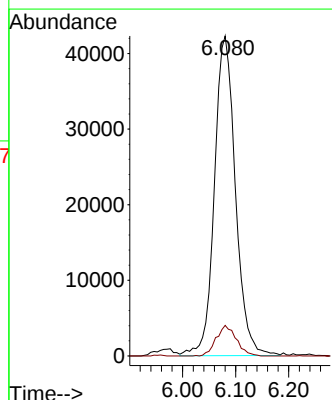
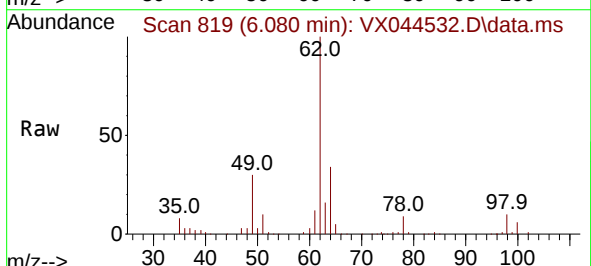
Instrument :
MSVOA_X
ClientSampleId :

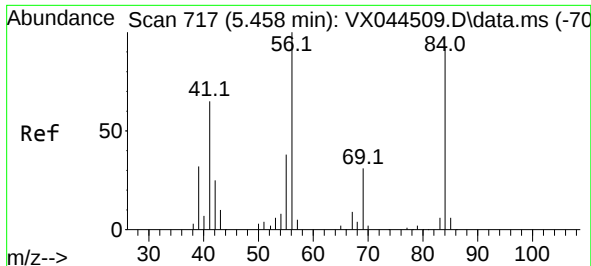
Tgt Ion: 83 Resp: 151218
Ion Ratio Lower Upper
83 100
85 66.1 47.7 88.7



#27
1,2-Dichloroethane
Concen: 41.005 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

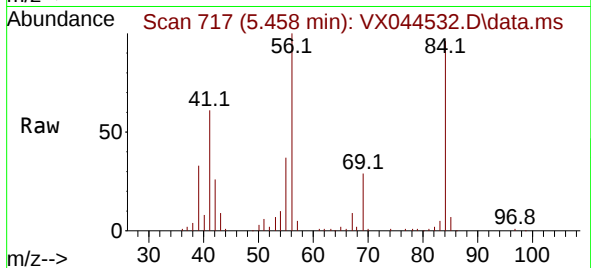
Tgt Ion: 62 Resp: 116538
Ion Ratio Lower Upper
62 100
98 9.5 7.7 11.5



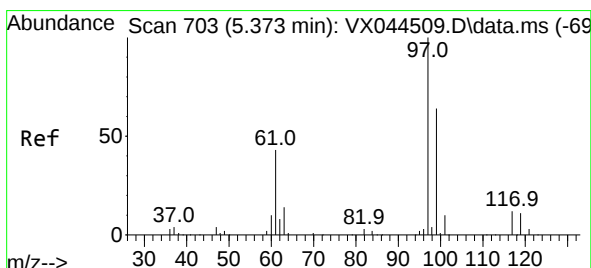
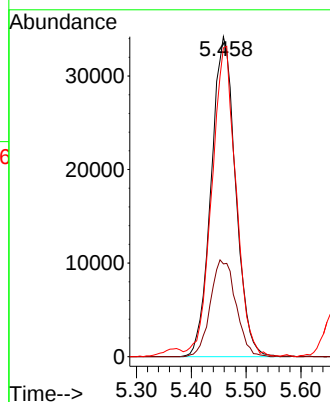
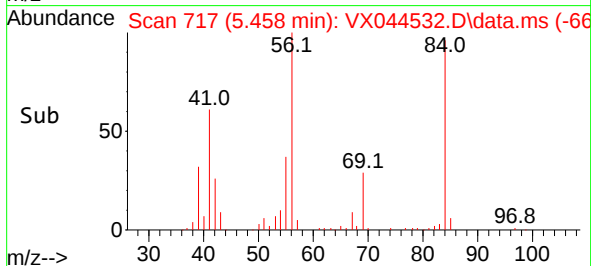


#29
Cyclohexane
Concen: 41.151 ug/L
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

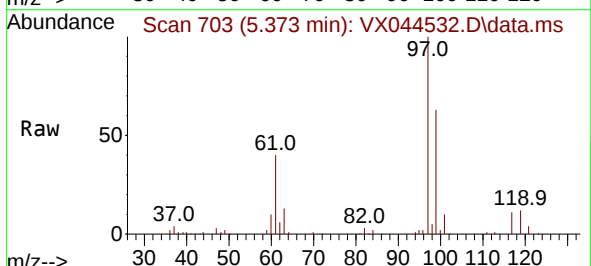
Instrument :
MSVOA_X
ClientSampleId :



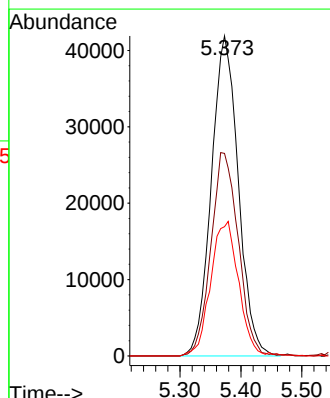
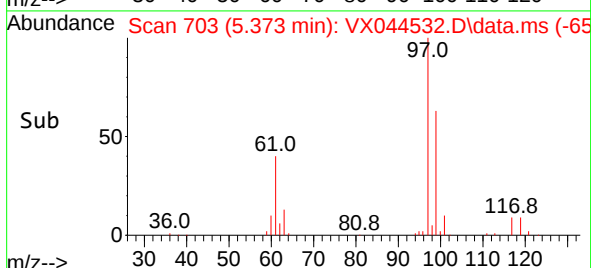
Tgt Ion: 56 Resp: 105846
Ion Ratio Lower Upper
56 100
69 31.5 25.1 37.7
84 93.5 72.9 109.3

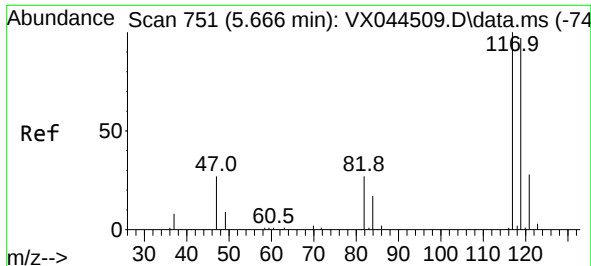


#30
1,1,1-Trichloroethane
Concen: 45.746 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30



Tgt Ion: 97 Resp: 128731
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 43.4 32.8 49.2

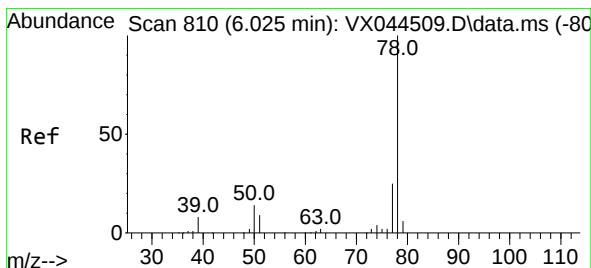
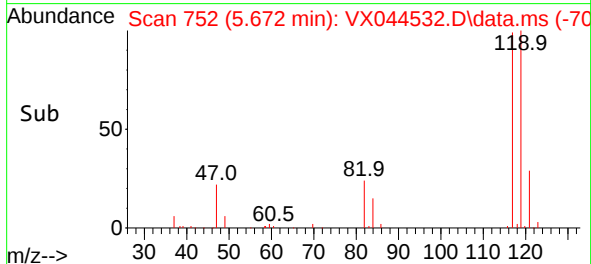
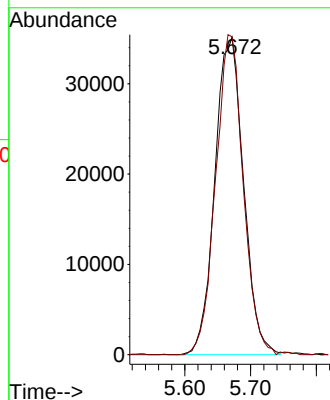
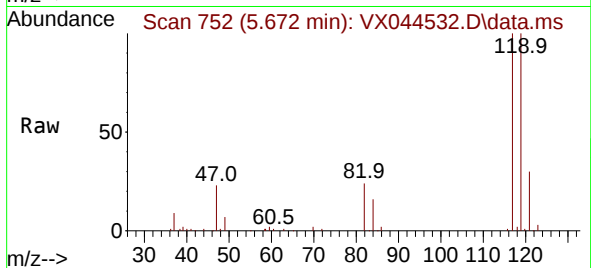




#31
Carbon tetrachloride
Concen: 48.392 ug/L
RT: 5.672 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

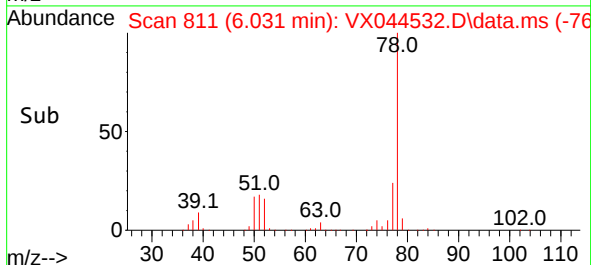
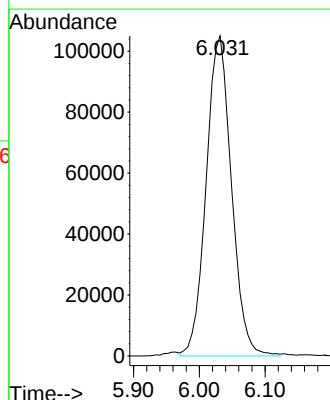
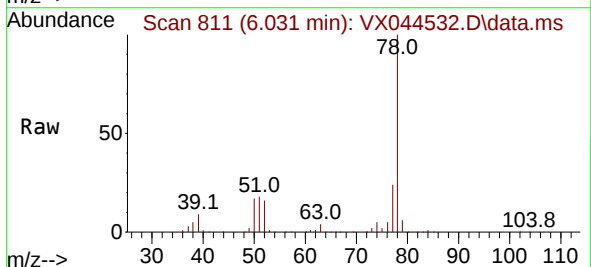
Instrument :
MSVOA_X
ClientSampleId :

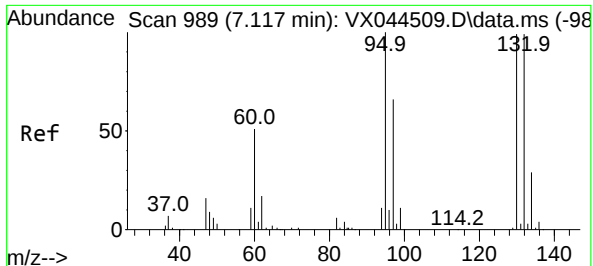
Tgt Ion:117 Resp: 106663
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5



#33
Benzene
Concen: 44.738 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 78 Resp: 281636



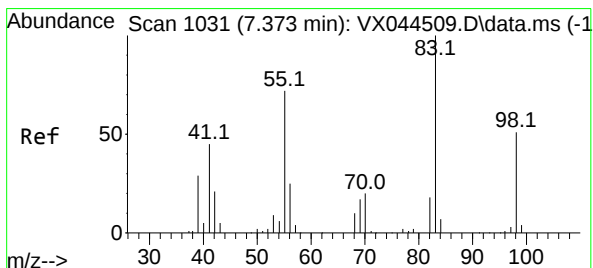
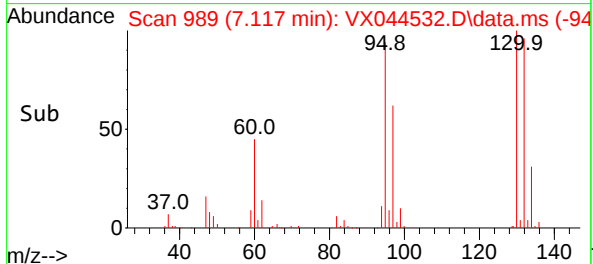
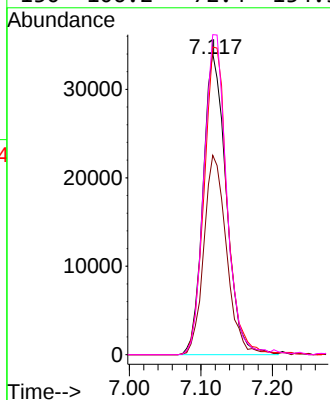
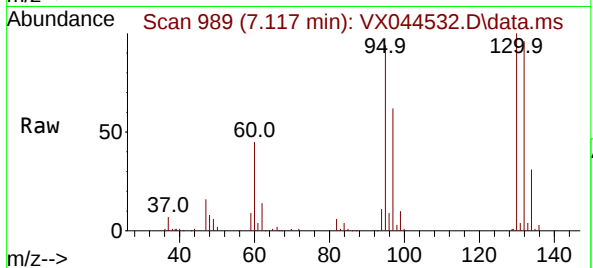


#34
Trichloroethene
Concen: 44.733 ug/L
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 76882

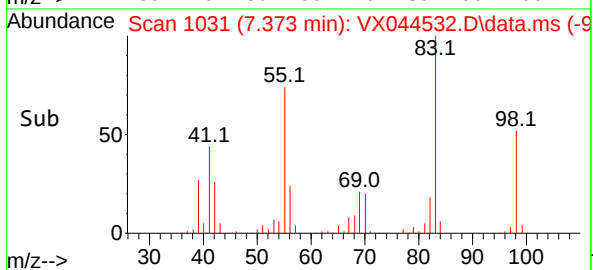
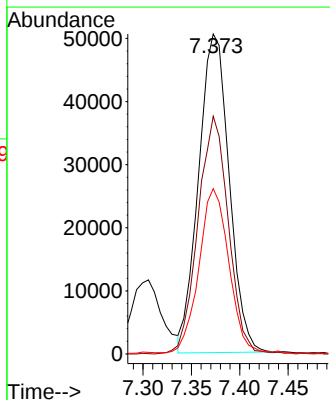
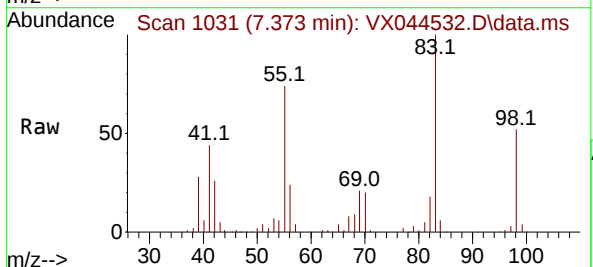
Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.0	83.6
132	102.1	66.6	123.8
130	106.2	72.4	134.5

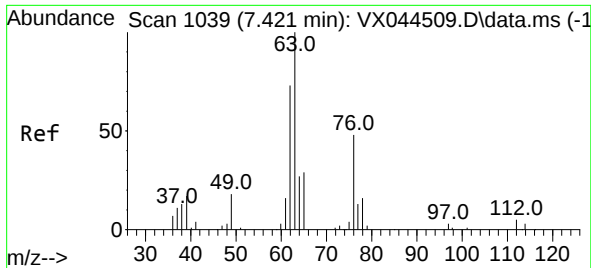


#35
Methylcyclohexane
Concen: 44.653 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 83 Resp: 111176

Ion	Ratio	Lower	Upper
83	100		
55	73.9	58.5	87.7
98	51.2	40.5	60.7

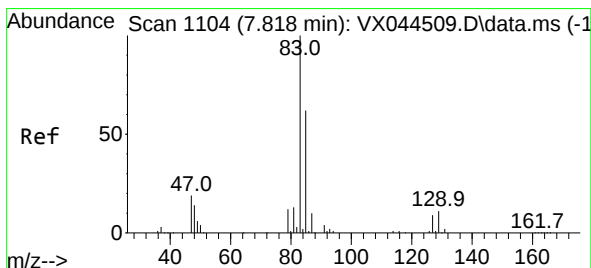
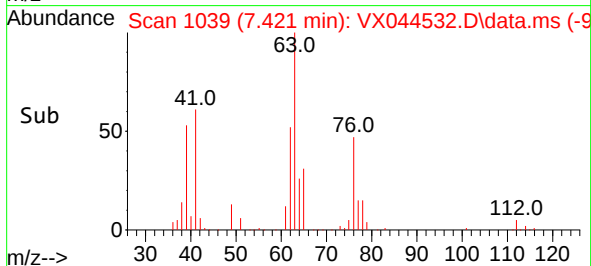
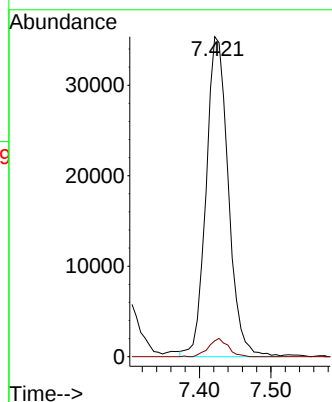
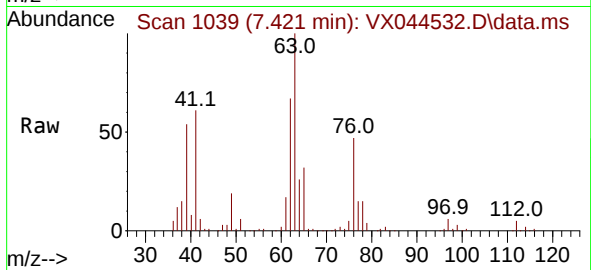




#37
1,2-Dichloropropane
Concen: 45.237 ug/L
RT: 7.421 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

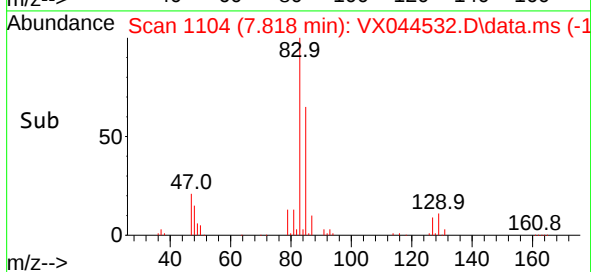
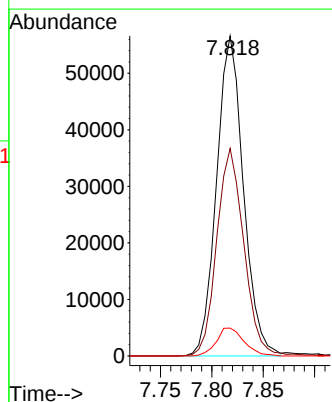
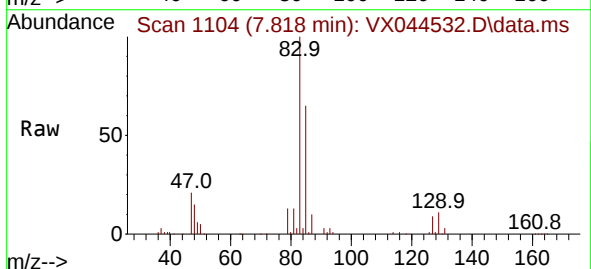
Instrument :
MSVOA_X
ClientSampleId :

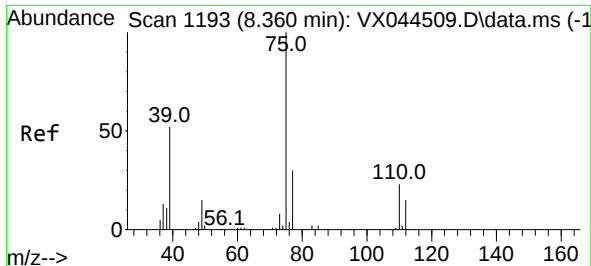
Tgt Ion: 63 Resp: 76468
Ion Ratio Lower Upper
63 100
112 5.0 3.6 5.4



#38
Bromodichloromethane
Concen: 46.431 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 83 Resp: 102827
Ion Ratio Lower Upper
83 100
85 64.9 44.1 81.9
127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 47.430 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

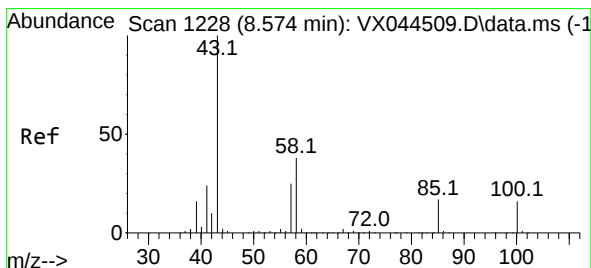
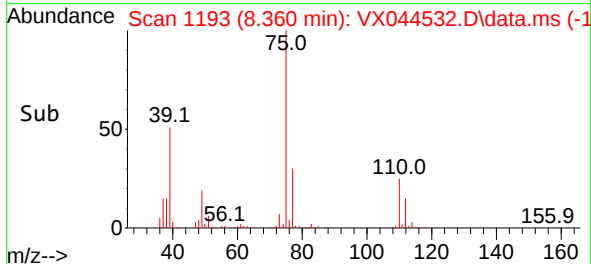
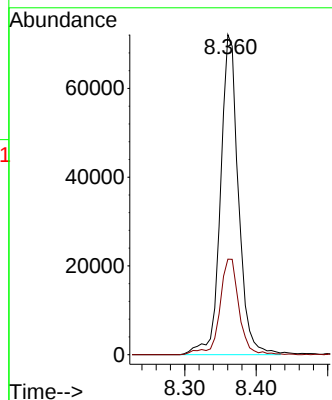
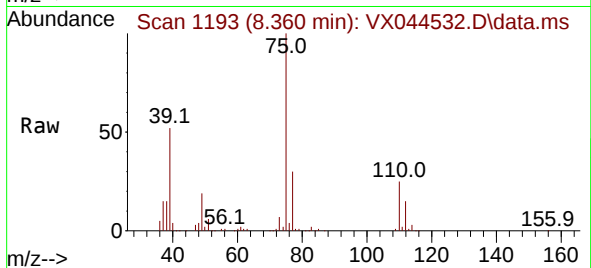
ClientSampleId :

Tgt Ion: 75 Resp: 125576

Ion Ratio Lower Upper

75 100

77 29.9 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 84.266 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

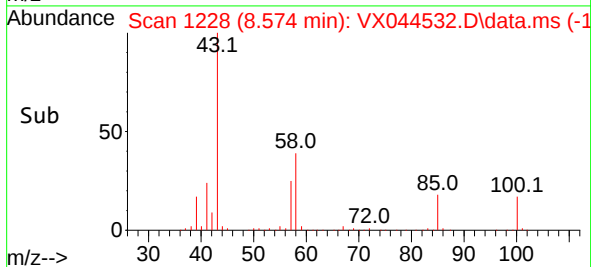
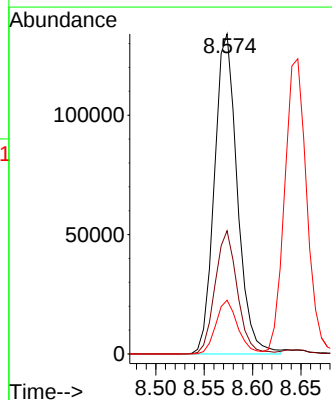
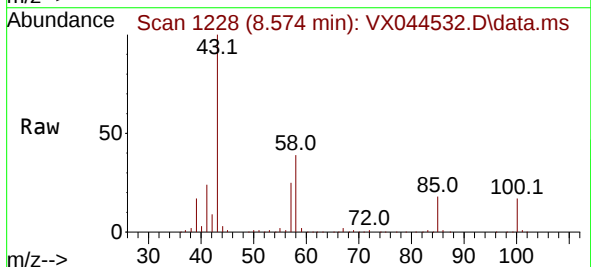
Tgt Ion: 43 Resp: 220522

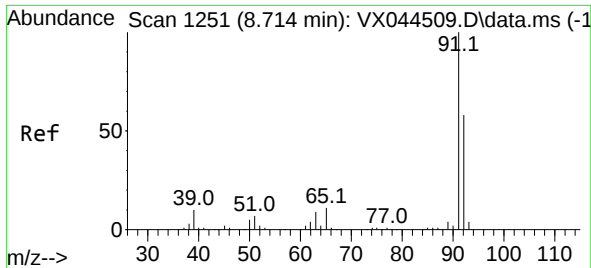
Ion Ratio Lower Upper

43 100

58 37.4 32.4 48.6

100 16.1 13.7 20.5





#42

Toluene

Concen: 45.511 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

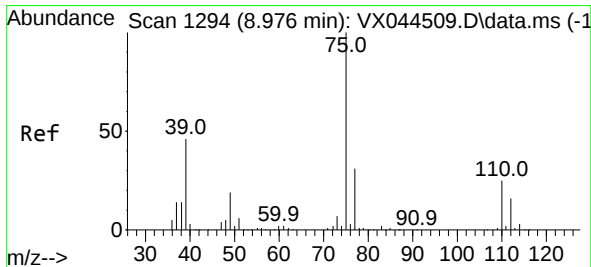
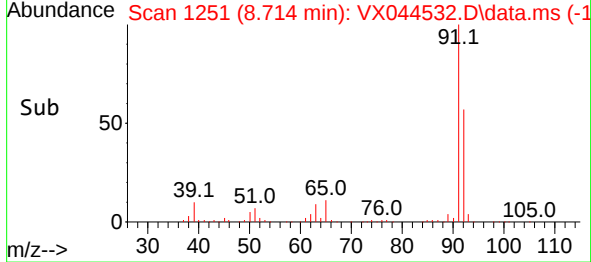
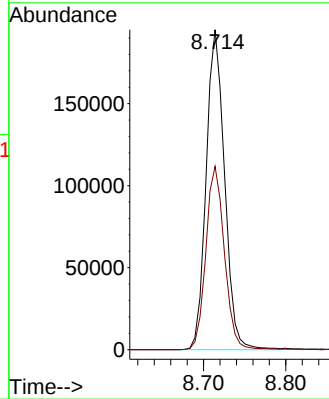
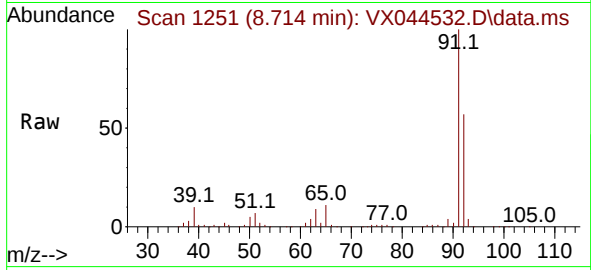
ClientSampleId :

Tgt Ion: 91 Resp: 303566

Ion Ratio Lower Upper

91 100

92 57.3 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 44.876 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044532.D

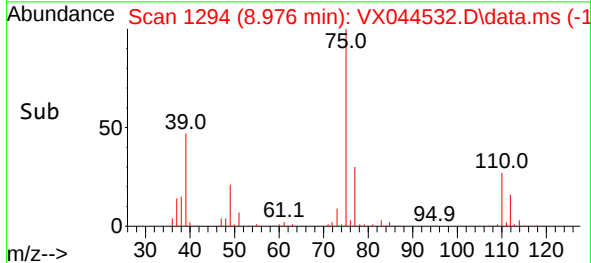
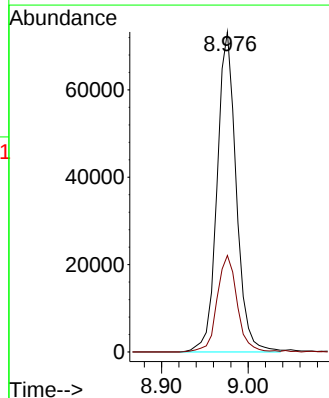
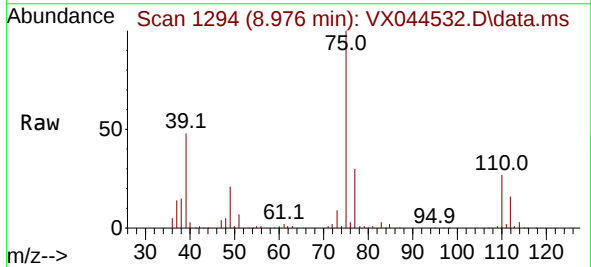
Acq: 30 Dec 2024 09:30

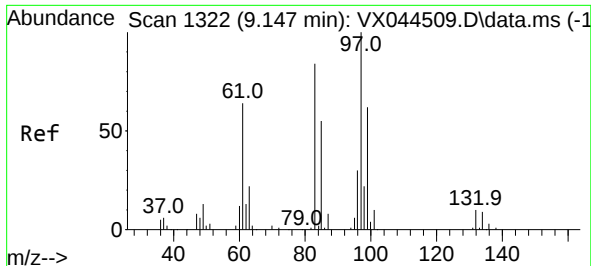
Tgt Ion: 75 Resp: 112616

Ion Ratio Lower Upper

75 100

77 30.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 46.271 ug/L

RT: 9.147 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 80153

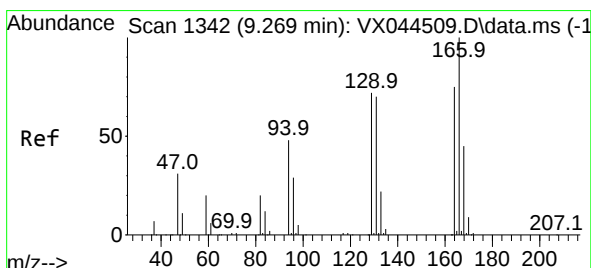
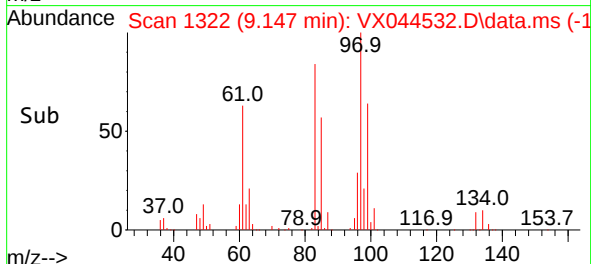
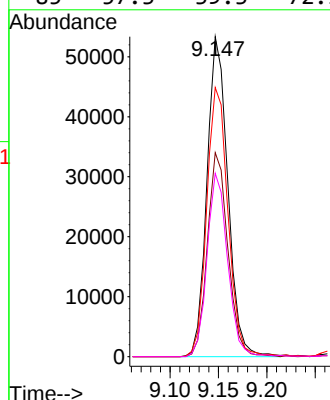
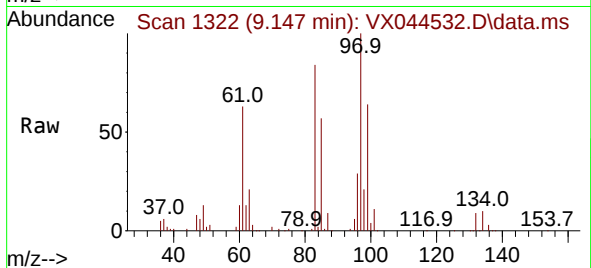
Ion Ratio Lower Upper

97 100

99 63.8 43.4 80.6

83 84.1 60.2 111.8

85 57.3 39.3 72.9



#46

Tetrachloroethene

Concen: 51.977 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Tgt Ion:164 Resp: 59592

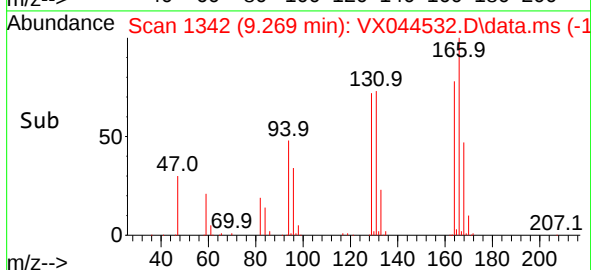
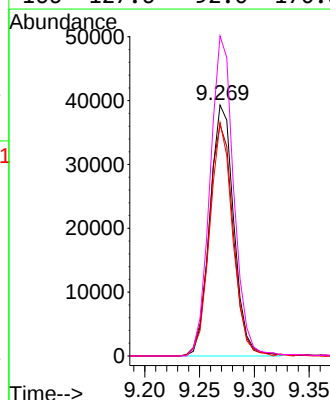
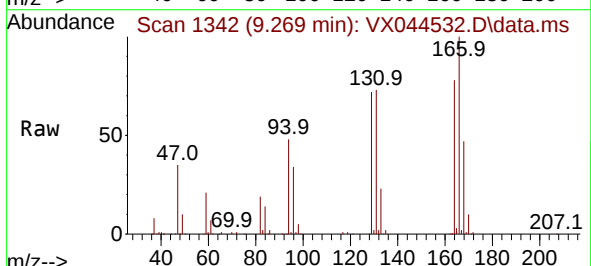
Ion Ratio Lower Upper

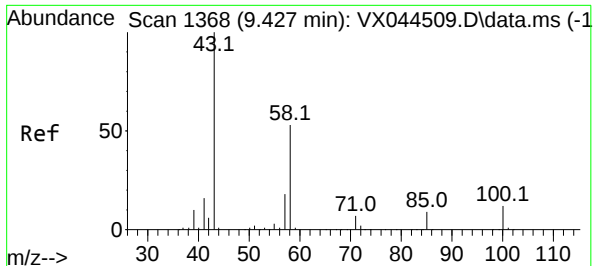
164 100

129 92.2 73.6 136.6

131 93.1 70.2 130.4

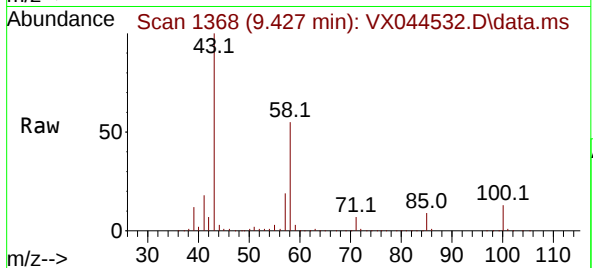
166 127.6 92.0 170.8



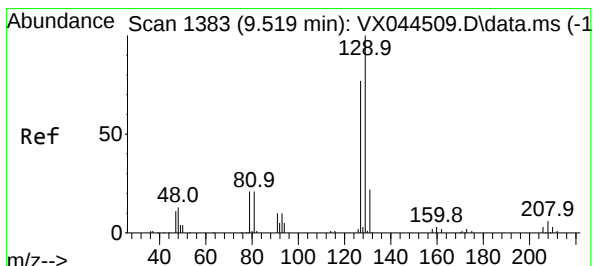
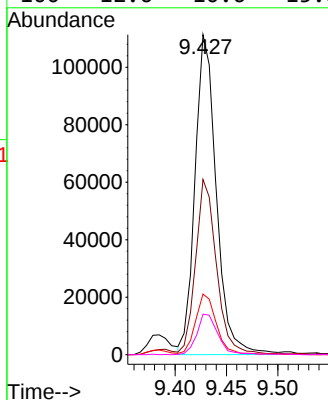
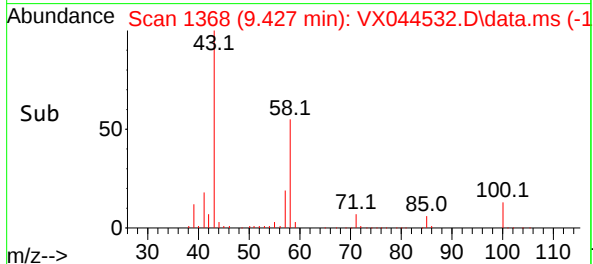


#48
2-Hexanone
Concen: 78.362 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :

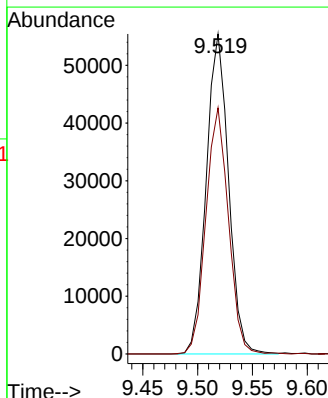
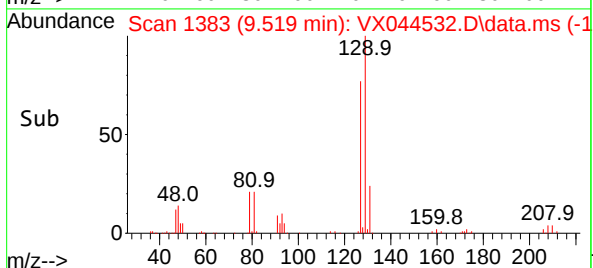
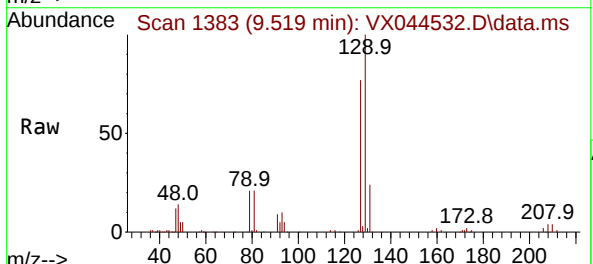


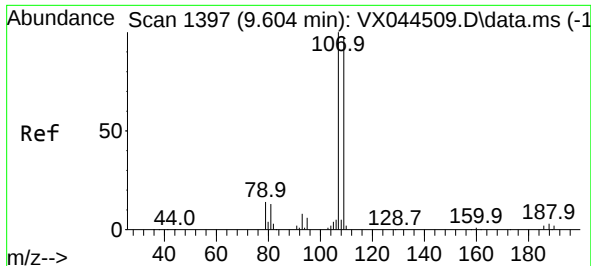
Tgt Ion:	43	Resp:	161464
Ion	Ratio	Lower	Upper
43	100		
58	53.7	45.4	68.2
57	18.3	15.4	23.0
100	12.6	10.6	15.8



#49
Dibromochloromethane
Concen: 51.200 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion:	129	Resp:	78394
Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.5	99.5





#50

1,2-Dibromoethane

Concen: 46.162 ug/L

RT: 9.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044532.D

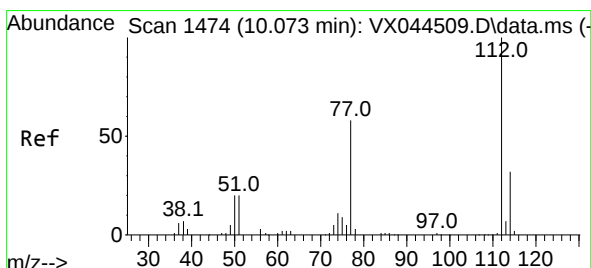
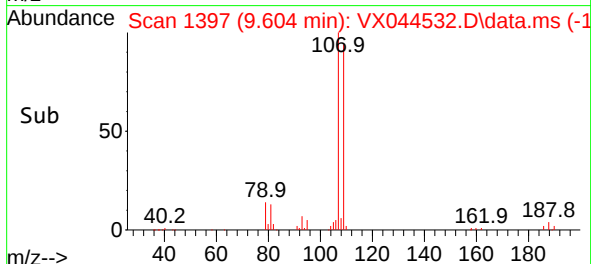
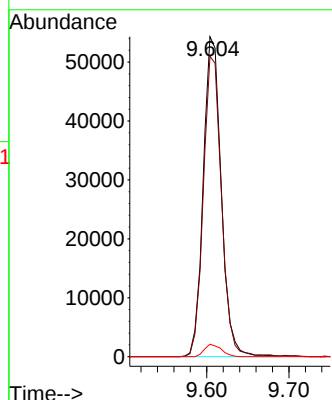
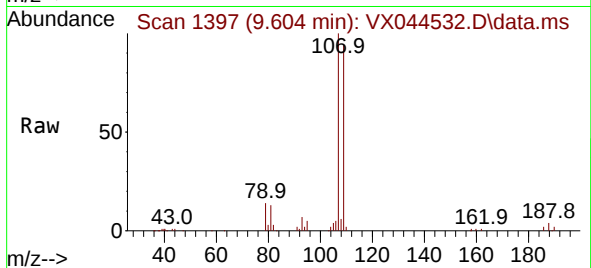
Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	82580
Ion	Ratio	Lower	Upper
107	100		
109	93.9	65.5	121.7
188	3.9	2.6	4.0



#51

Chlorobenzene

Concen: 45.913 ug/L

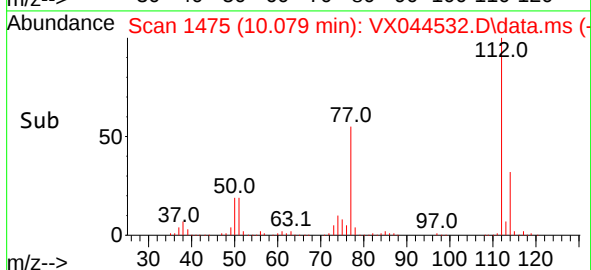
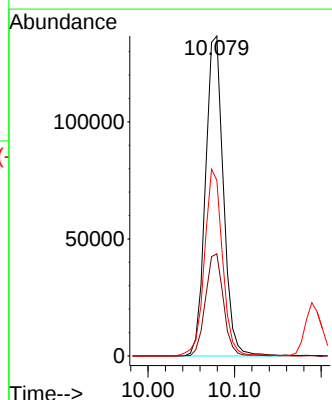
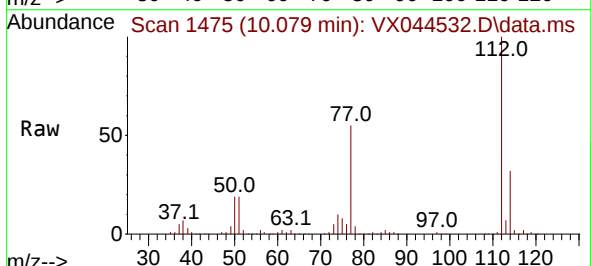
RT: 10.079 min Scan# 1475

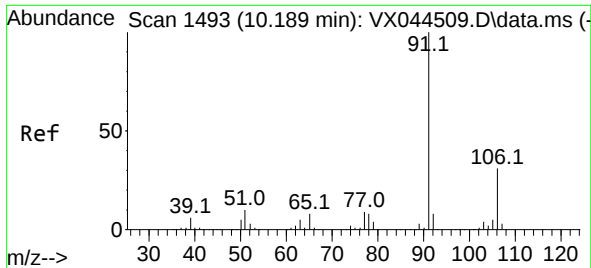
Delta R.T. 0.006 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Tgt Ion:	112	Resp:	196479
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.9	42.5
77	54.9	48.0	72.0

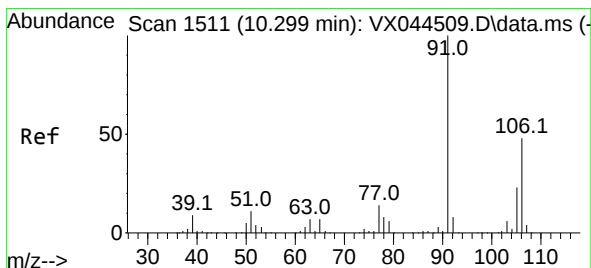
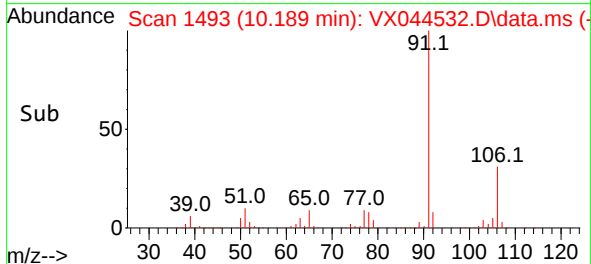
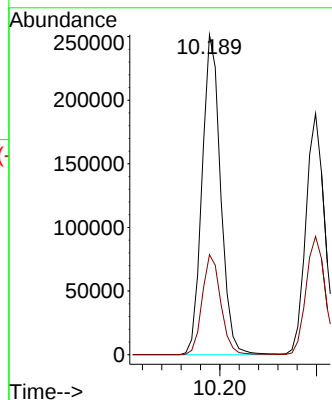
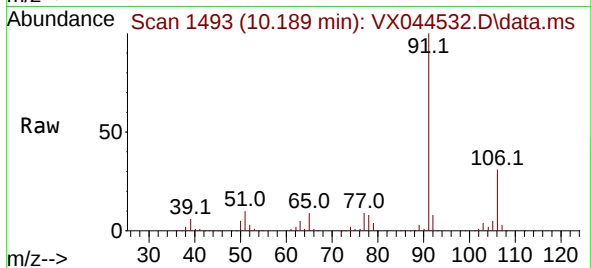




#52
Ethylbenzene
Concen: 45.614 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

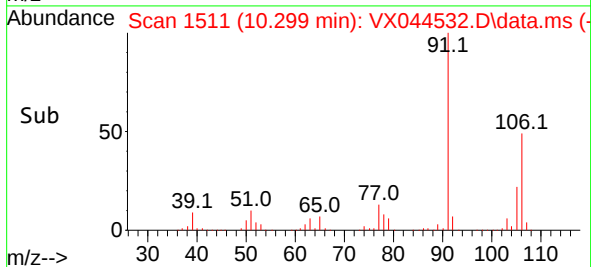
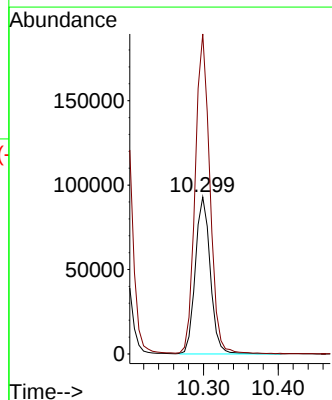
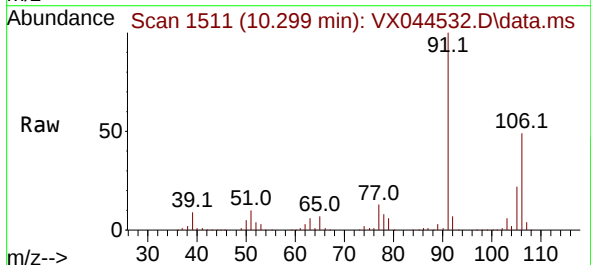
Instrument :
MSVOA_X
ClientSampleId :

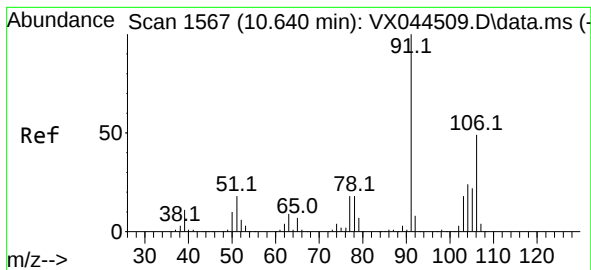
Tgt Ion: 91 Resp: 335141
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.1



#53
m,p-Xylene
Concen: 48.497 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion: 106 Resp: 129060
Ion Ratio Lower Upper
106 100
91 203.9 147.5 273.9





#54

o-Xylene

Concen: 45.612 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

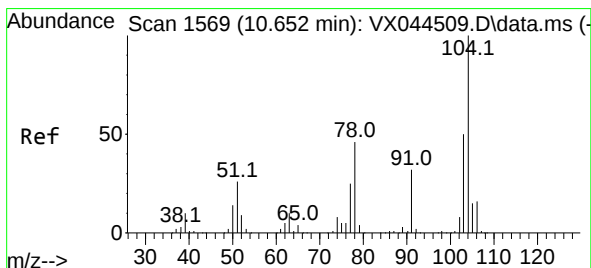
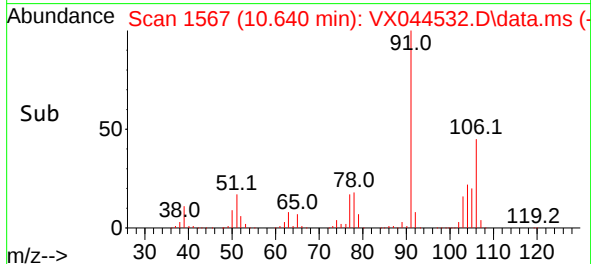
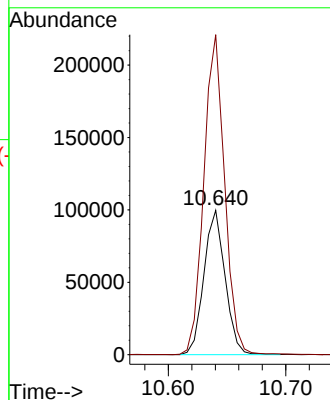
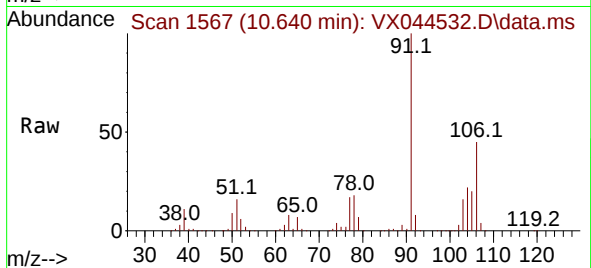
ClientSampleId :

Tgt Ion:106 Resp: 124820

Ion Ratio Lower Upper

106 100

91 221.6 153.7 285.5



#55

Styrene

Concen: 47.609 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044532.D

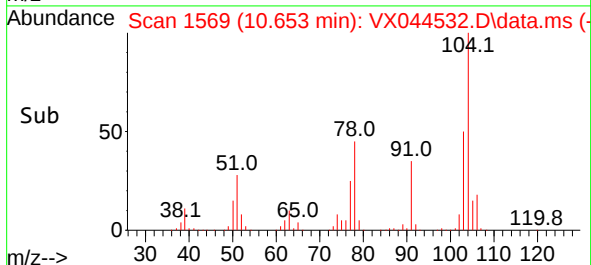
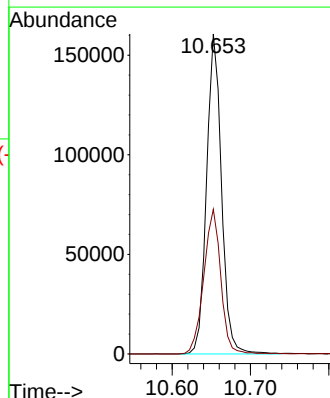
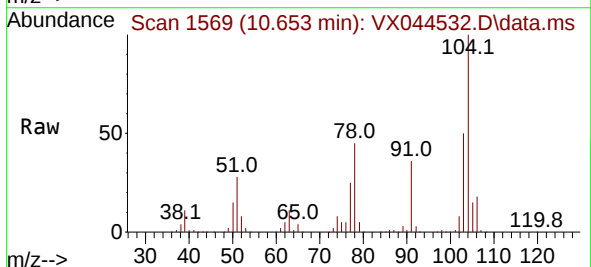
Acq: 30 Dec 2024 09:30

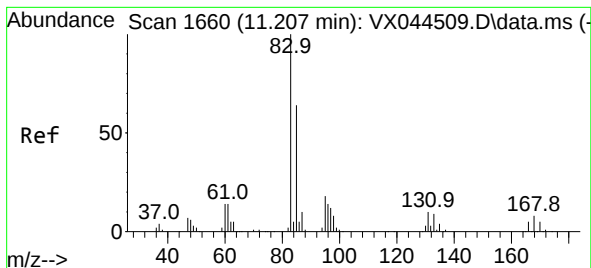
Tgt Ion:104 Resp: 212493

Ion Ratio Lower Upper

104 100

78 45.2 32.8 60.8

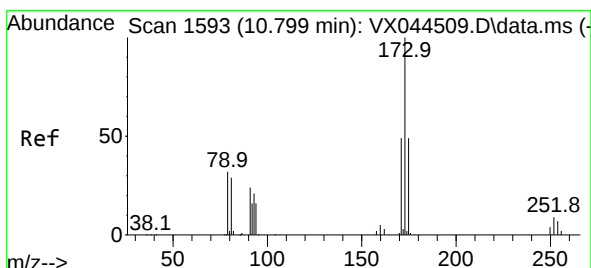
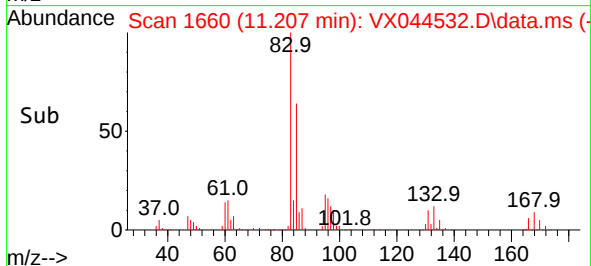
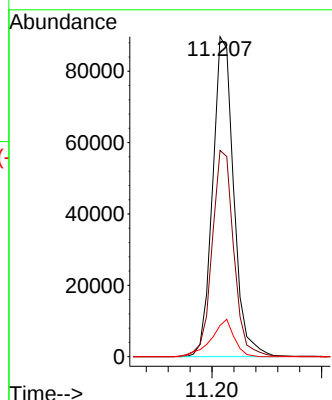
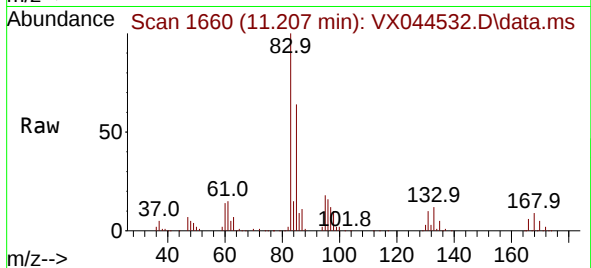




#57
1,1,2,2-Tetrachloroethane
Concen: 44.601 ug/L
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

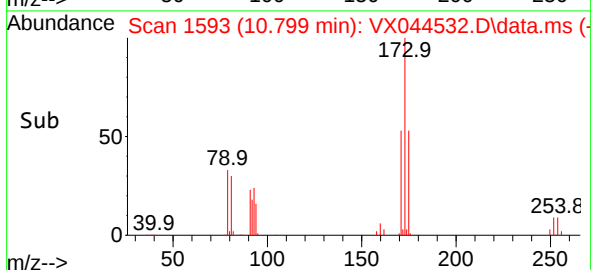
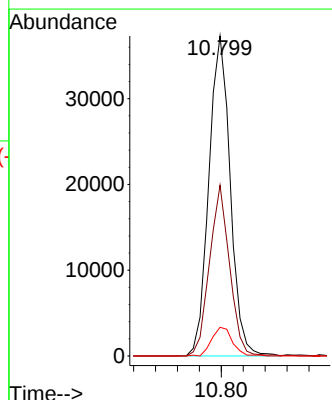
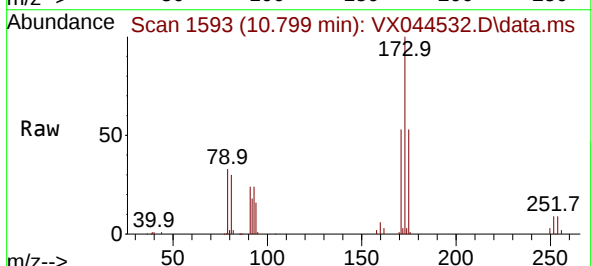
Instrument :
MSVOA_X
ClientSampleId :

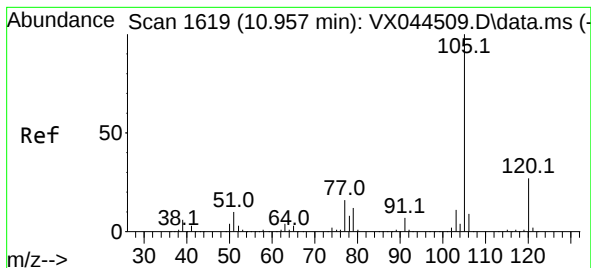
Tgt Ion: 83 Resp: 119853
Ion Ratio Lower Upper
83 100
85 64.4 46.0 85.4
131 9.7 8.8 13.2



#59
Bromoform
Concen: 51.025 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion:173 Resp: 50563
Ion Ratio Lower Upper
173 100
175 50.2 40.0 60.0
254 8.6 6.3 9.5





#60

Isopropylbenzene

Concen: 44.063 ug/L

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

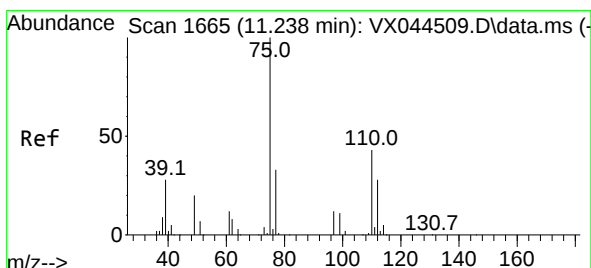
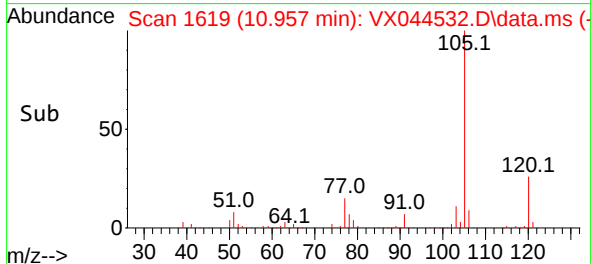
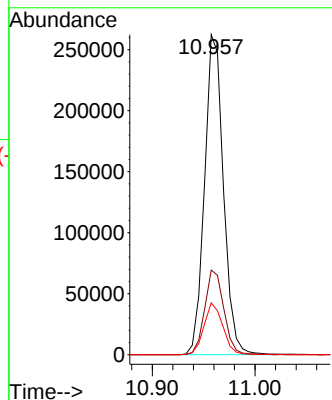
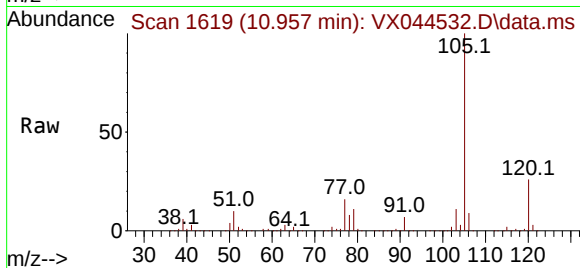
Tgt Ion:105 Resp: 335797

Ion Ratio Lower Upper

105 100

120 26.8 20.6 31.0

77 16.1 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 40.263 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

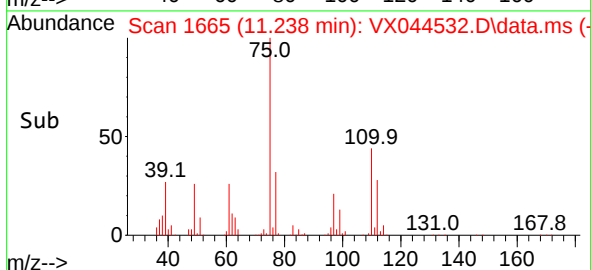
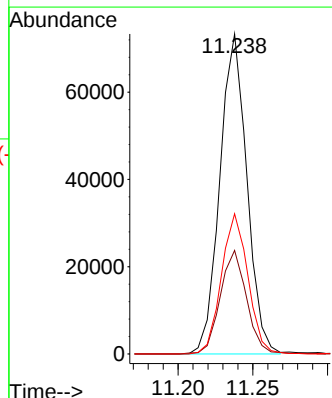
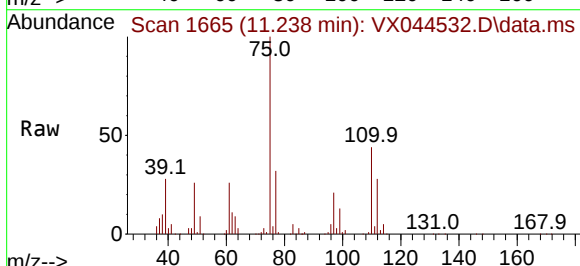
Tgt Ion: 75 Resp: 92097

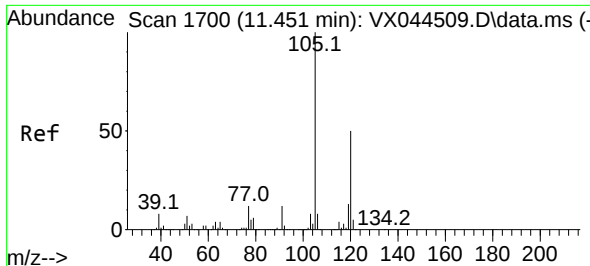
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

110 43.0 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 43.698 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

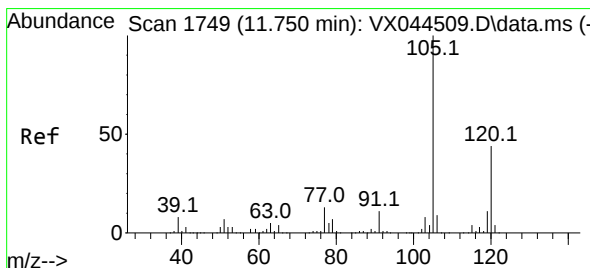
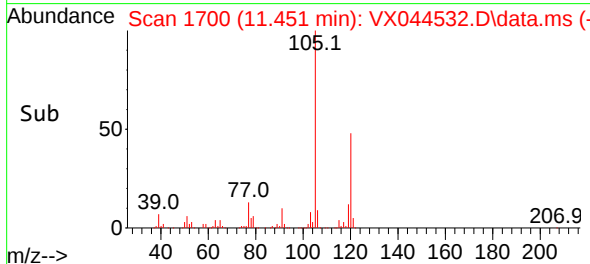
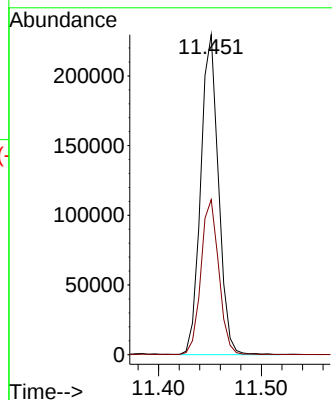
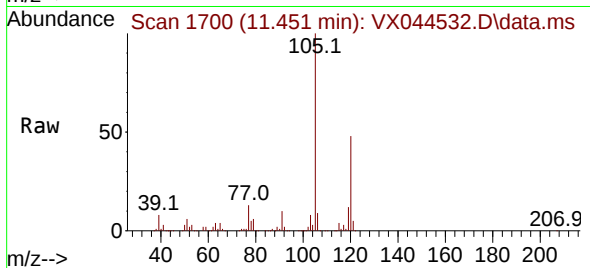
ClientSampleId :

Tgt Ion:105 Resp: 276367

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 43.265 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044532.D

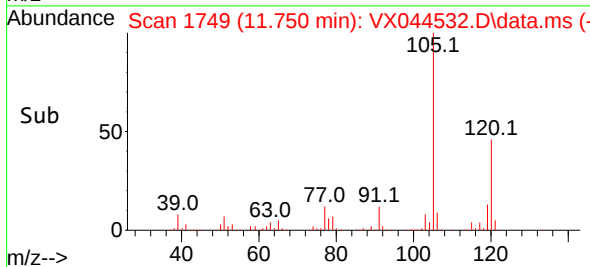
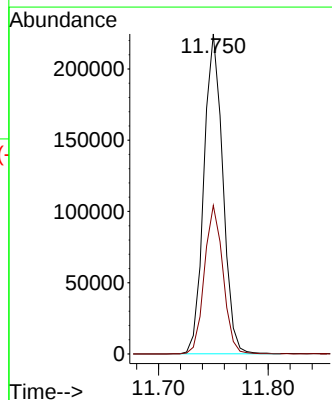
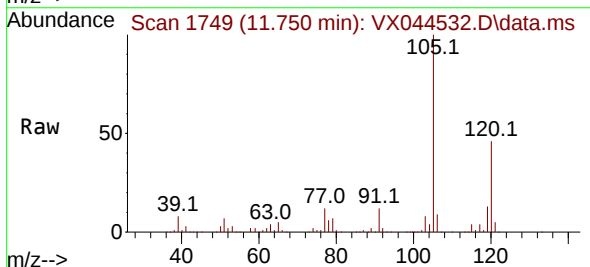
Acq: 30 Dec 2024 09:30

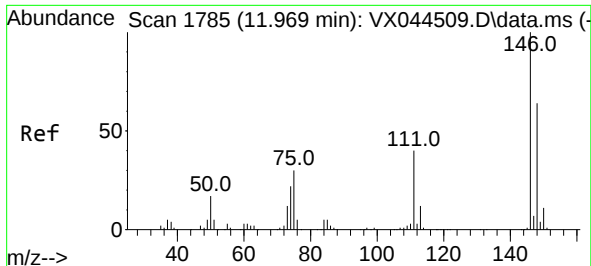
Tgt Ion:105 Resp: 268542

Ion Ratio Lower Upper

105 100

120 45.7 34.5 51.7

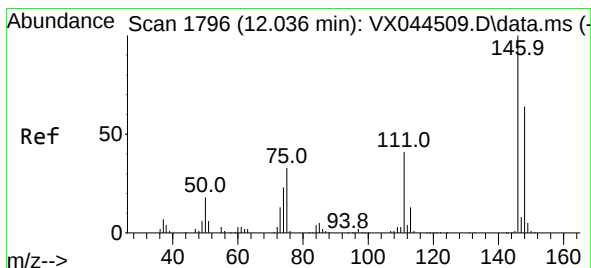
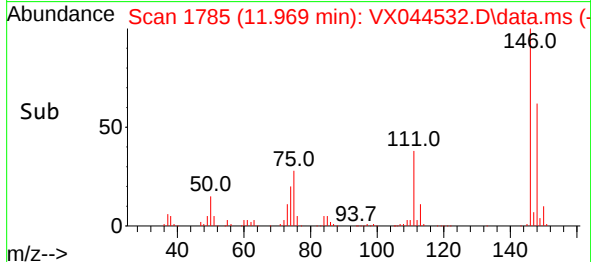
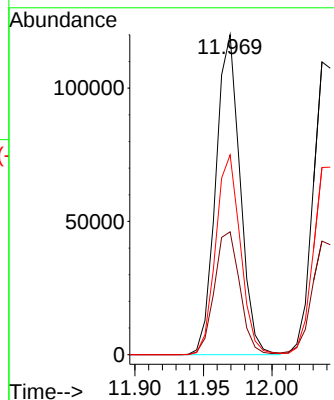
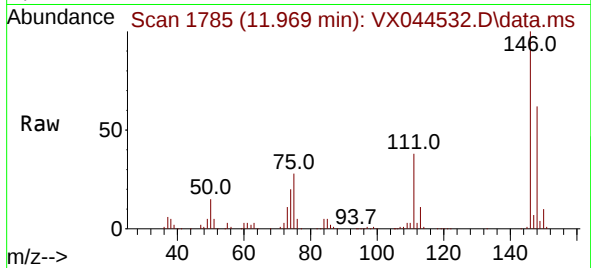




#64
1,3-Dichlorobenzene
Concen: 46.813 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

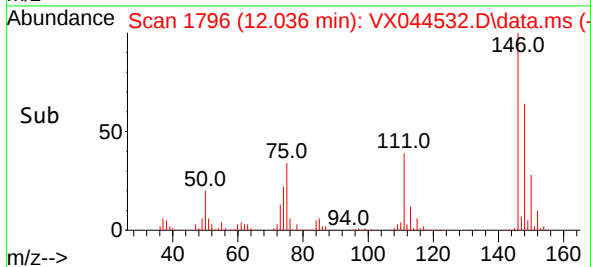
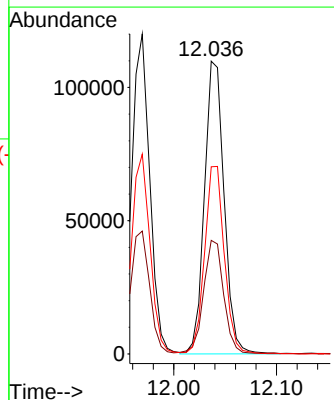
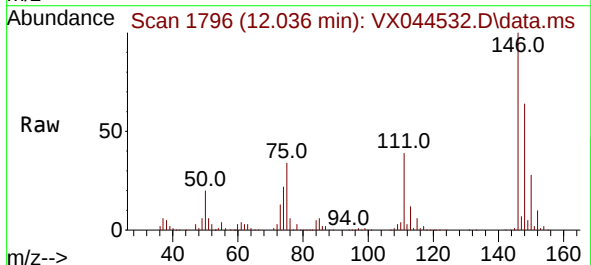
Instrument :
MSVOA_X
ClientSampleId :

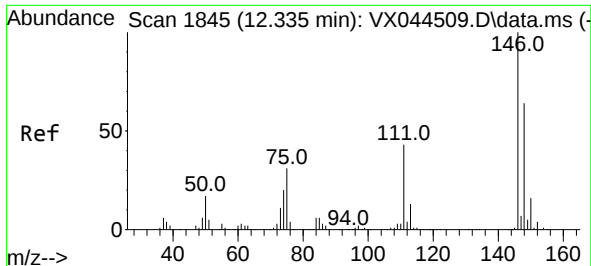
Tgt Ion:146 Resp: 147956
Ion Ratio Lower Upper
146 100
111 38.4 28.8 53.4
148 62.5 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 46.259 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044532.D
Acq: 30 Dec 2024 09:30

Tgt Ion:146 Resp: 146305
Ion Ratio Lower Upper
146 100
111 38.8 29.5 54.7
148 63.9 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 46.526 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

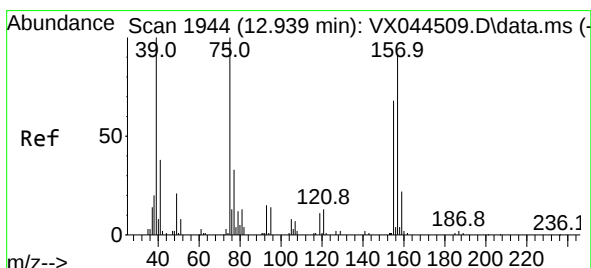
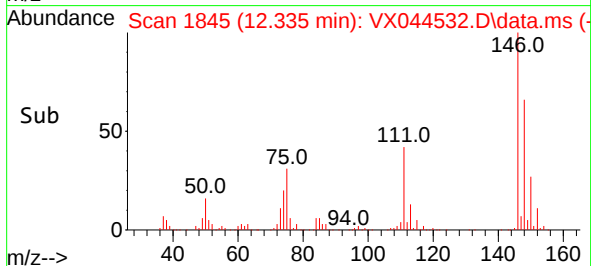
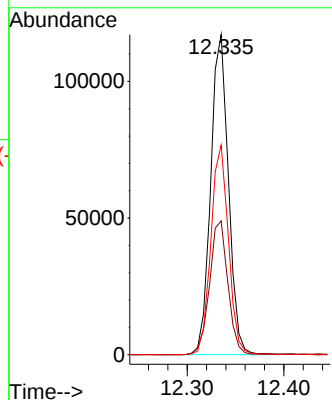
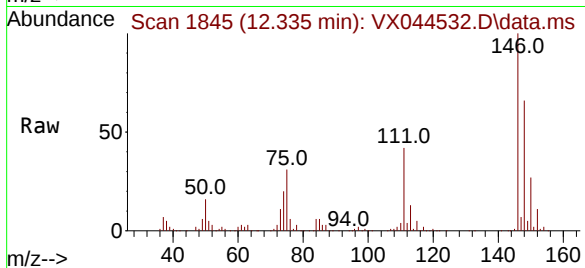
Tgt Ion:146 Resp: 149305

Ion Ratio Lower Upper

146 100

111 41.8 34.3 51.5

148 65.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 41.556 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

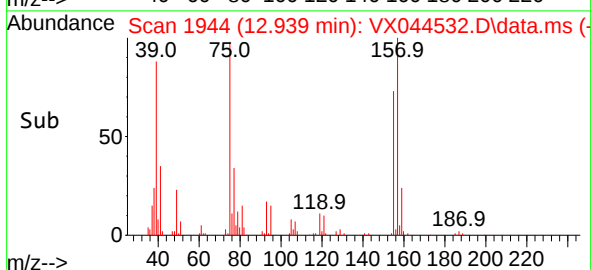
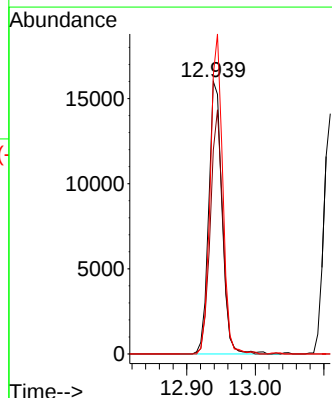
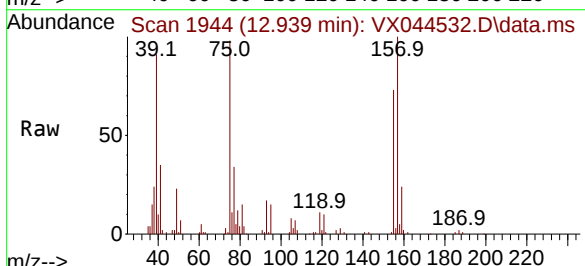
Tgt Ion: 75 Resp: 21604

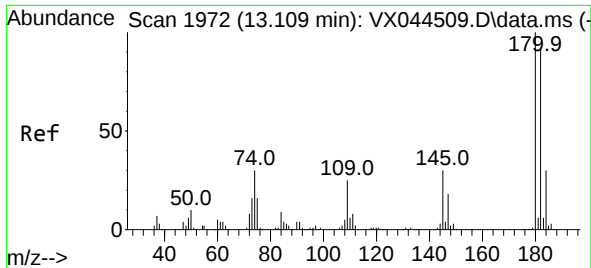
Ion Ratio Lower Upper

75 100

155 74.8 60.5 90.7

157 102.3 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 50.998 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

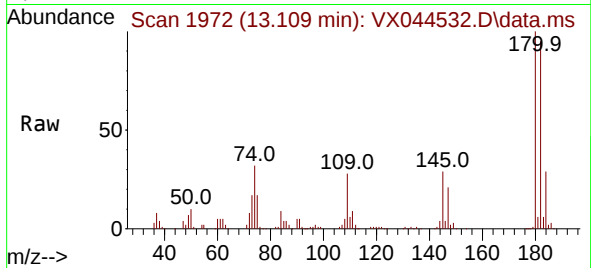
Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 100563

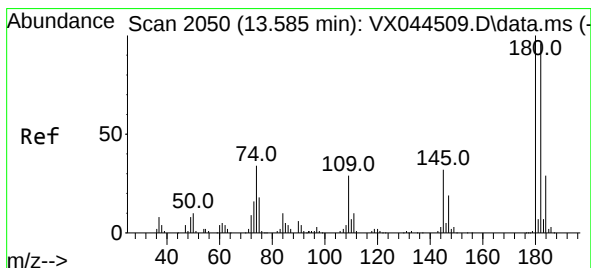
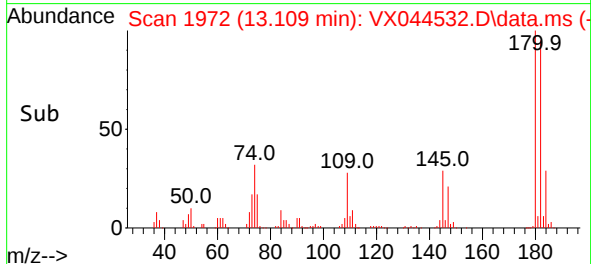
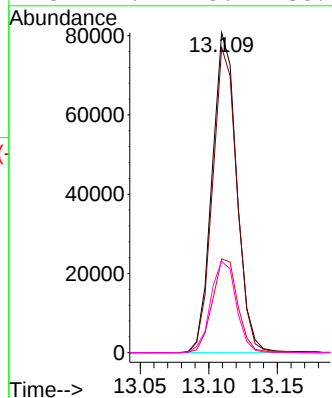
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 30.2 24.2 36.4

145 29.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 49.199 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

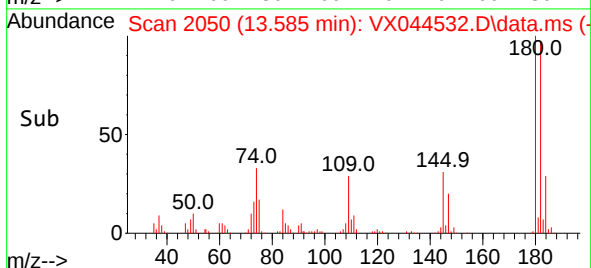
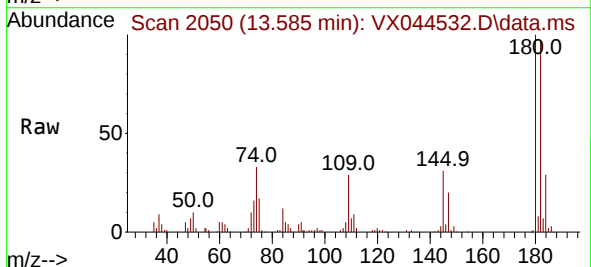
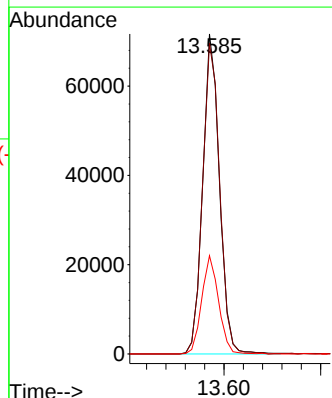
Tgt Ion:180 Resp: 86418

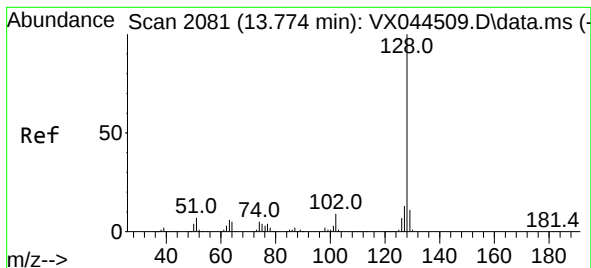
Ion Ratio Lower Upper

180 100

182 99.4 74.1 111.1

145 30.9 25.3 37.9





#71

Naphthalene

Concen: 42.971 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

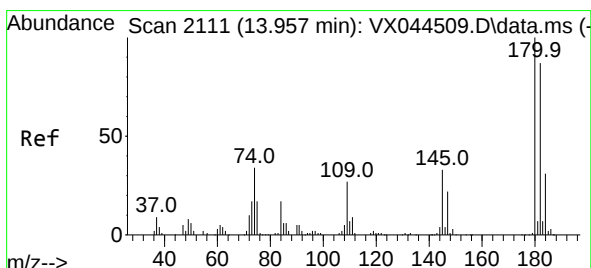
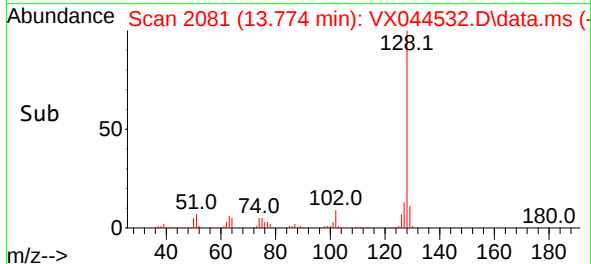
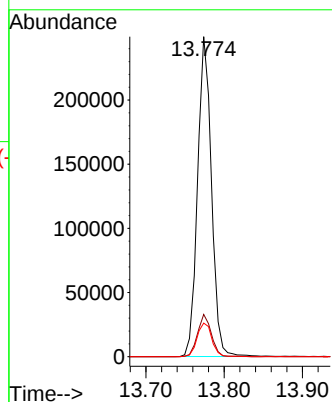
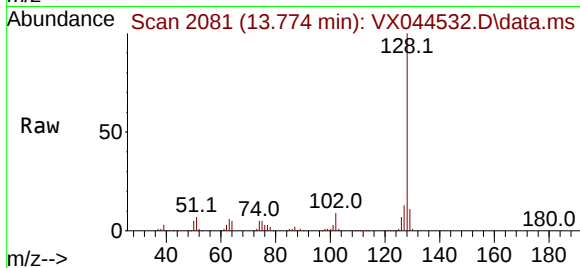
Tgt Ion:128 Resp: 307717

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.914 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044532.D

Acq: 30 Dec 2024 09:30

Tgt Ion:180 Resp: 93137

Ion Ratio Lower Upper

180 100

182 94.8 73.8 110.6

145 32.8 27.4 41.2

