

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121924\
 Data File : VX044421.D
 Acq On : 19 Dec 2024 08:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 02:29:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 04:40:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	225664	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	198819	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	93258	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	97609	47.266	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.540%
7) Chloroethane-d5	1.648	69	77297	48.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.640%
11) 1,1-Dichloroethene-d2	2.294	65	39785	45.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.100%
21) 2-Butanone-d5	4.458	46	105352	83.325	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.320%
24) Chloroform-d	5.050	84	170943	43.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.952	65	110926	40.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.000%
32) Benzene-d6	5.964	84	316211	46.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
36) 1,2-Dichloropropane-d6	7.305	67	96328	45.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	8.647	98	288451	45.411	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.820%
43) trans-1,3-Dichloroprop...	8.945	79	44609	43.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.040%
47) 2-Hexanone-d5	9.384	63	71273	85.693	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.690%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	125567	43.900	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.317	152	93228	42.905	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87312	47.710	ug/L	98
3) Chloromethane	1.294	50	79993	47.382	ug/L	95
5) Vinyl chloride	1.374	62	88148	48.395	ug/L	96
6) Bromomethane	1.593	94	60862	49.162	ug/L	96
8) Chloroethane	1.666	64	64471	53.467	ug/L	100
9) Trichlorofluoromethane	1.873	101	158776	46.786	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	80390	53.787	ug/L	97
12) 1,1-Dichloroethene	2.306	96	66880	50.273	ug/L #	63
13) Acetone	2.386	43	88869	78.992	ug/L	94
14) Carbon disulfide	2.501	76	117376	46.575	ug/L	99
15) Methyl Acetate	2.703	43	91164	49.970	ug/L	97
16) Methylene chloride	2.782	84	82403	53.827	ug/L	94
17) trans-1,2-Dichloroethene	3.087	96	69941	50.480	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	274612	49.119	ug/L	98
19) 1,1-Dichloroethane	3.605	63	147430	50.722	ug/L	95
20) cis-1,2-Dichloroethene	4.477	96	89454	52.813	ug/L	93
22) 2-Butanone	4.556	43	126079	92.849	ug/L	99
23) Bromochloromethane	4.897	128	44673	54.083	ug/L	94
25) Chloroform	5.086	83	165577	50.614	ug/L	95

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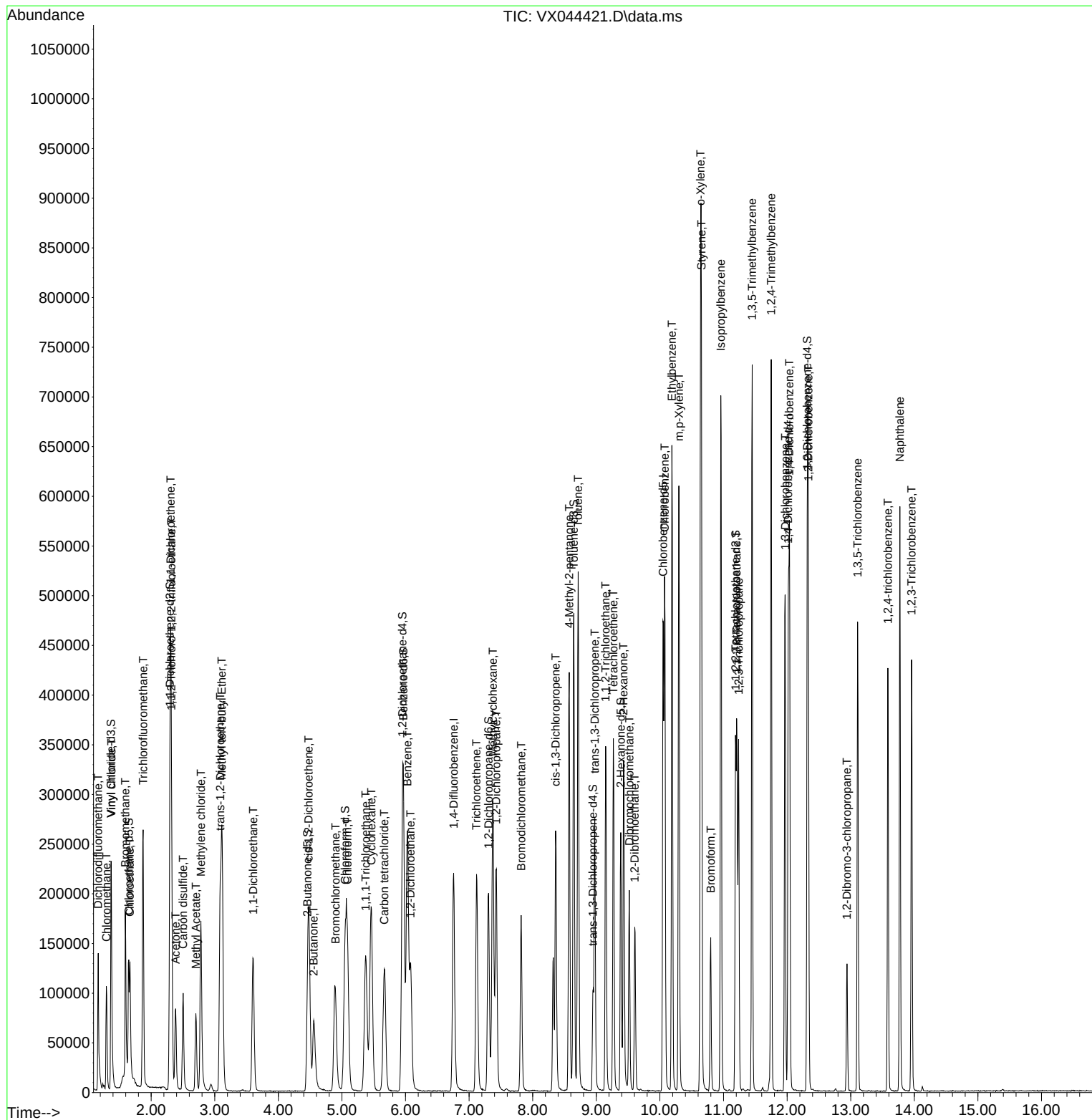
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	133405	49.052	ug/L	96
29) Cyclohexane	5.464	56	122035	49.470	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	135050	50.039	ug/L	97
31) Carbon tetrachloride	5.665	117	111947	52.957	ug/L	97
33) Benzene	6.031	78	310327	51.399	ug/L	100
34) Trichloroethene	7.116	95	83273	50.519	ug/L	97
35) Methylcyclohexane	7.372	83	127416	53.359	ug/L	99
37) 1,2-Dichloropropane	7.427	63	86314	53.241	ug/L	99
38) Bromodichloromethane	7.818	83	109594	51.598	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	133357	52.518	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	251660	100.269	ug/L	95
42) Toluene	8.714	91	330769	51.705	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	125743	52.245	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	87870	52.890	ug/L	99
46) Tetrachloroethene	9.268	164	60843	55.333	ug/L	98
48) 2-Hexanone	9.427	43	183821	93.019	ug/L	96
49) Dibromochloromethane	9.518	129	78818	53.673	ug/L	99
50) 1,2-Dibromoethane	9.604	107	91208	53.160	ug/L	100
51) Chlorobenzene	10.073	112	211234	51.467	ug/L	99
52) Ethylbenzene	10.189	91	369898	52.493	ug/L	100
53) m,p-Xylene	10.299	106	135266	52.998	ug/L	98
54) o-Xylene	10.640	106	138860	52.907	ug/L	94
55) Styrene	10.652	104	230185	53.774	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	132406	51.375	ug/L	98
59) Bromoform	10.799	173	49938	53.368	ug/L	99
60) Isopropylbenzene	10.957	105	362425	50.363	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	101544	47.012	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	298326	49.954	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	297551	50.768	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	152850	51.216	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	152854	51.181	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	156878	51.771	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	22888	46.624	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	100087	53.752	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	90893	54.800	ug/L	99
71) Naphthalene	13.774	128	331685	49.051	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	95157	54.006	ug/L	98

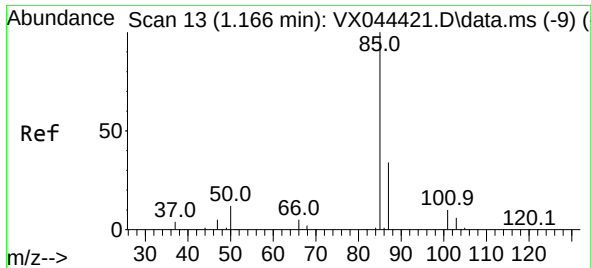
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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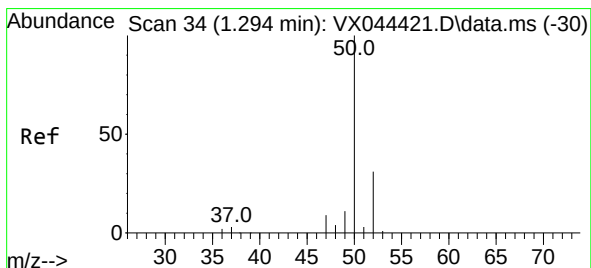
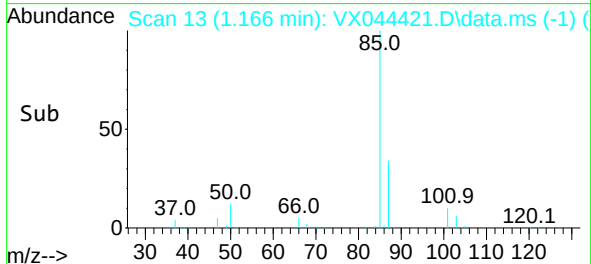
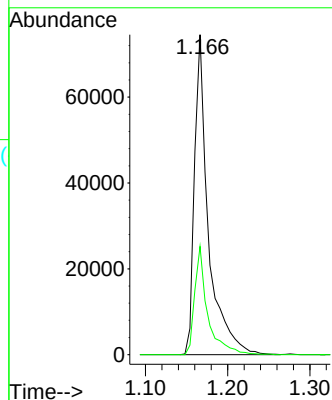
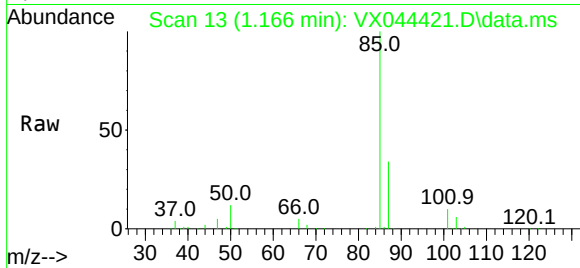




#2
Dichlorodifluoromethane
Concen: 47.710 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

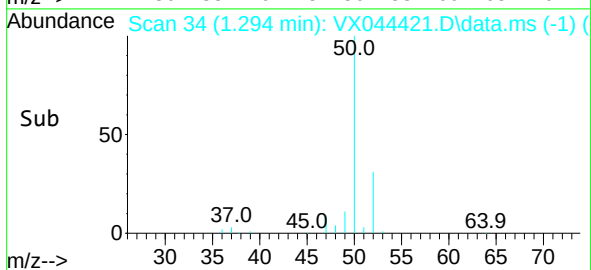
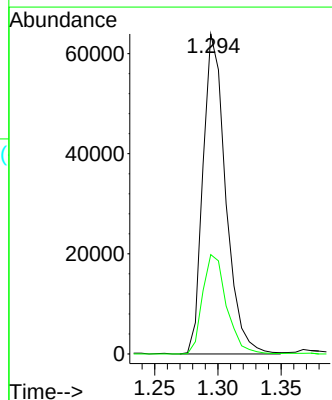
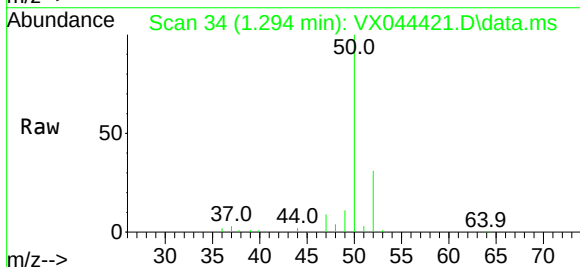
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ClientSampleId :

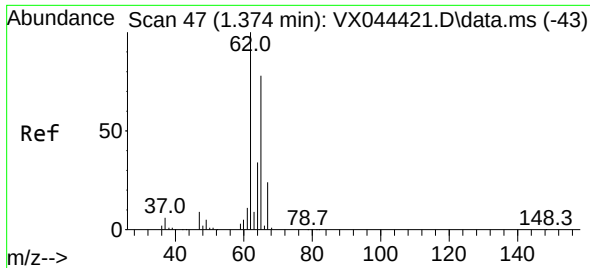
Tgt Ion: 85 Resp: 87312
Ion Ratio Lower Upper
85 100
87 31.7 26.1 39.1



#3
Chloromethane
Concen: 47.382 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion: 50 Resp: 79993
Ion Ratio Lower Upper
50 100
52 31.0 23.9 44.3

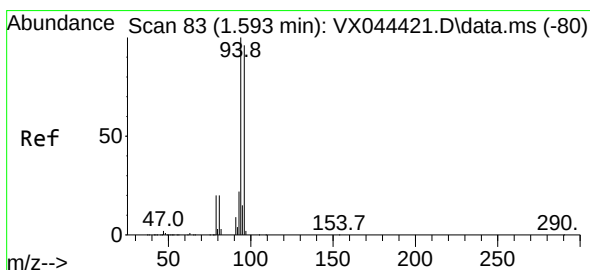
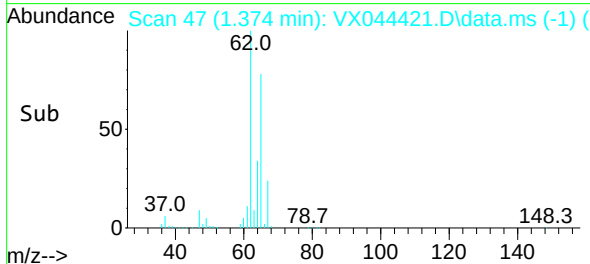
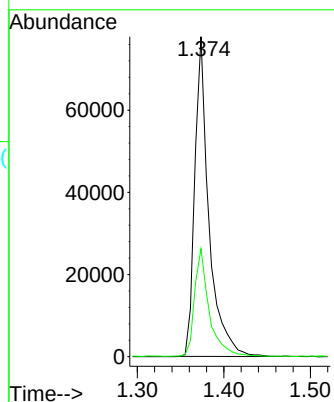
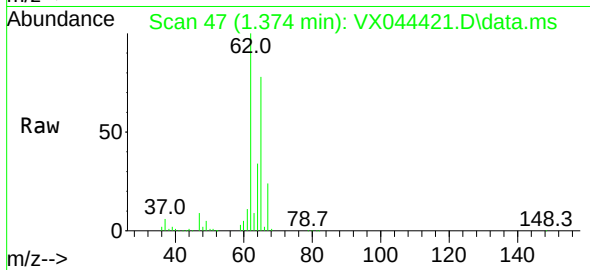




#5
 Vinyl chloride
 Concen: 48.395 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX044421.D
 Acq: 19 Dec 2024 08:50

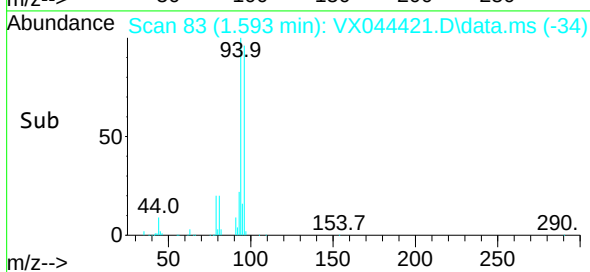
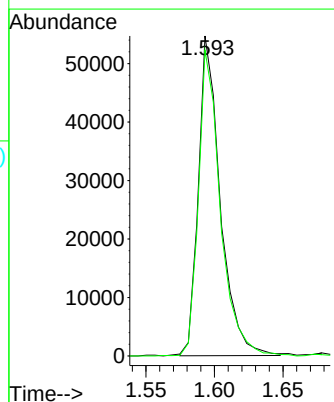
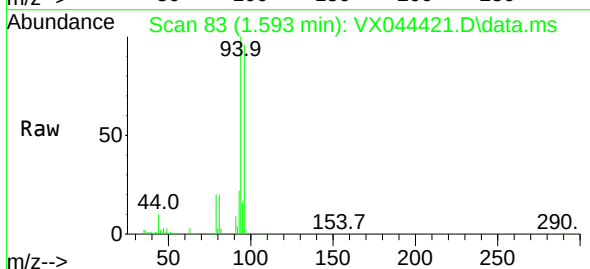
Instrument :
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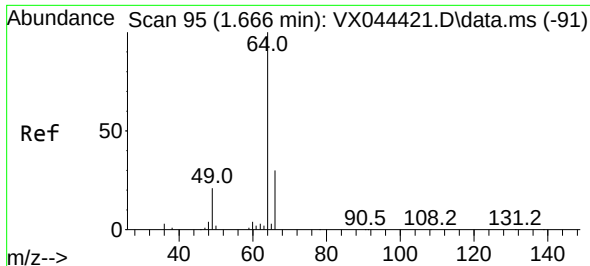
Tgt Ion: 62 Resp: 88148
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.2 41.2



#6
 Bromomethane
 Concen: 49.162 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX044421.D
 Acq: 19 Dec 2024 08:50

Tgt Ion: 94 Resp: 60862
 Ion Ratio Lower Upper
 94 100
 96 95.5 64.2 119.2

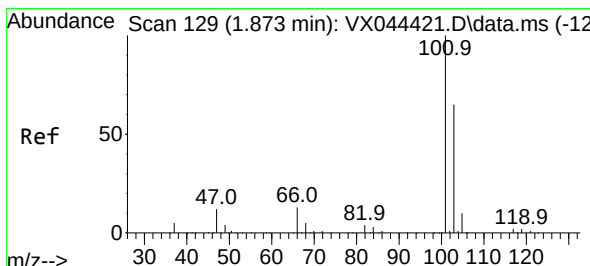
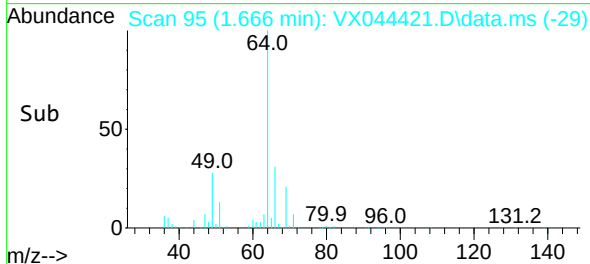
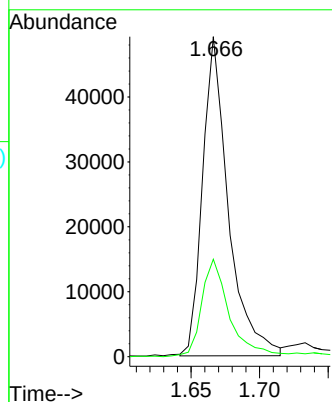
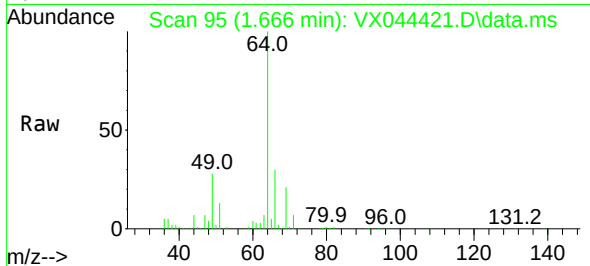




#8
Chloroethane
Concen: 53.467 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

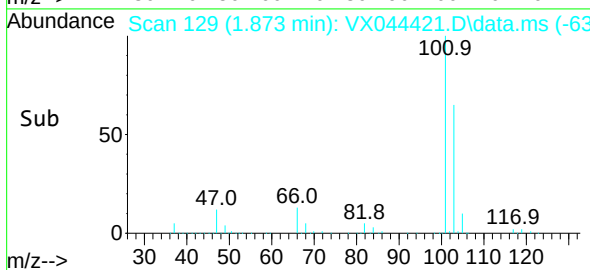
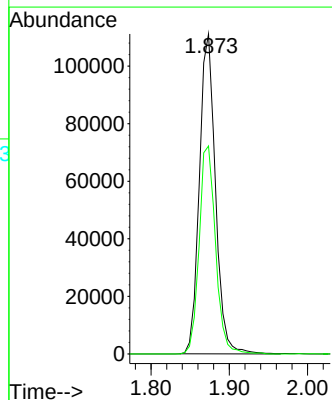
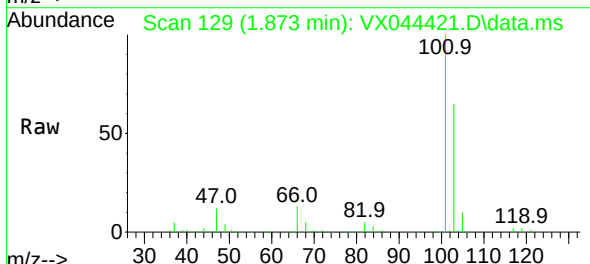
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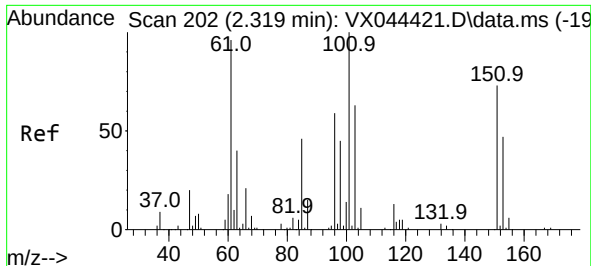
Tgt Ion: 64 Resp: 64471
Ion Ratio Lower Upper
64 100
66 30.5 21.5 39.9



#9
Trichlorofluoromethane
Concen: 46.786 ug/L
RT: 1.873 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion:101 Resp: 158776
Ion Ratio Lower Upper
101 100
103 66.4 50.8 76.2

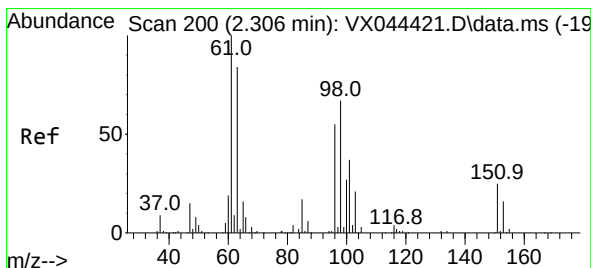
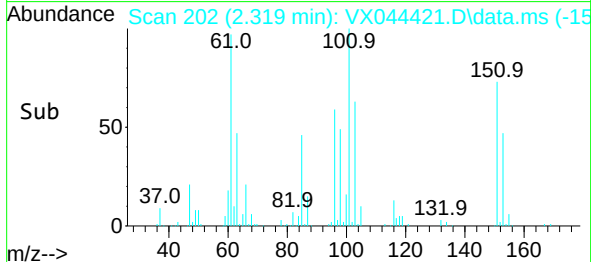
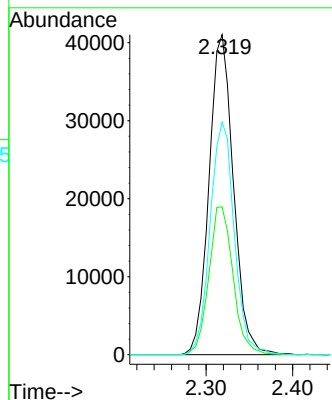
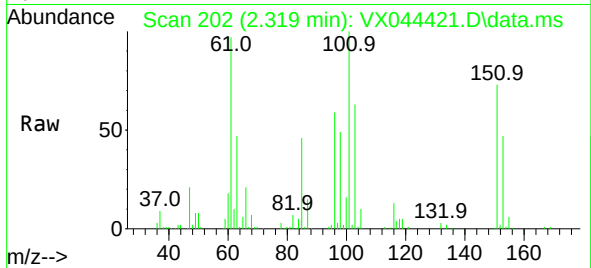




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.787 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

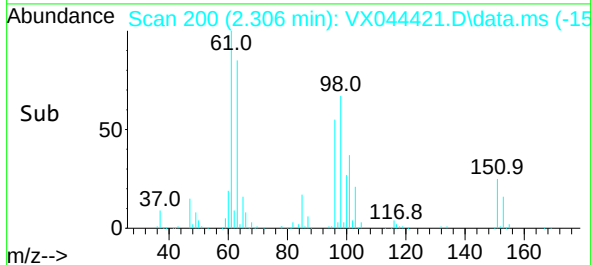
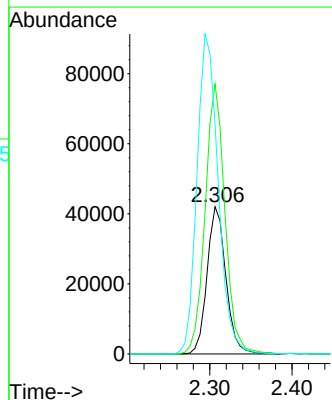
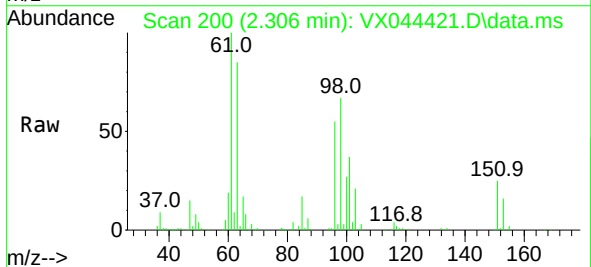
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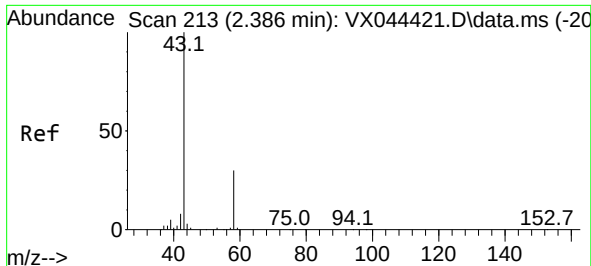
Tgt Ion:101 Resp: 80390
Ion Ratio Lower Upper
101 100
85 45.8 33.9 50.9
151 71.9 58.5 87.7



#12
1,1-Dichloroethene
Concen: 50.273 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion: 96 Resp: 66880
Ion Ratio Lower Upper
96 100
61 183.4 109.3 203.1
63 155.9 65.7 122.1#

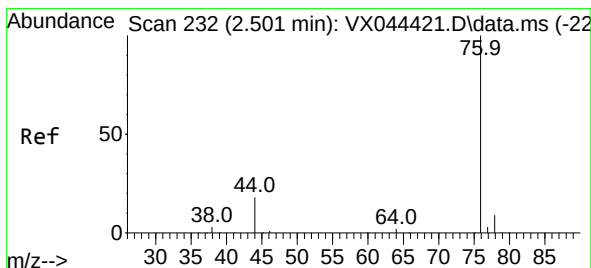
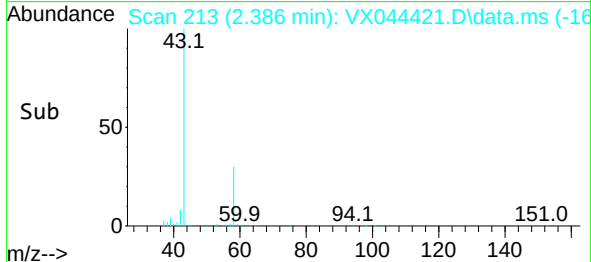
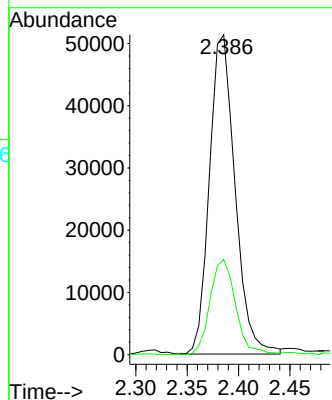
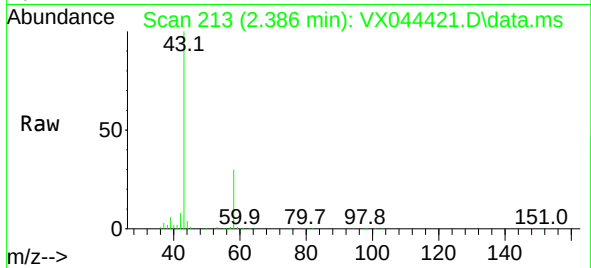




#13
Acetone
Concen: 78.992 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

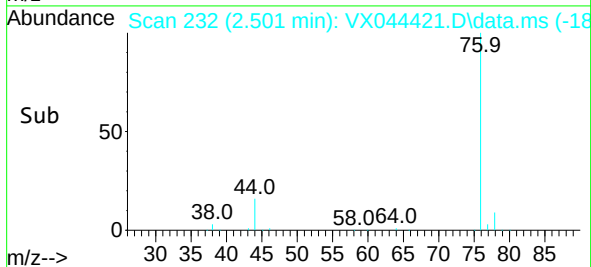
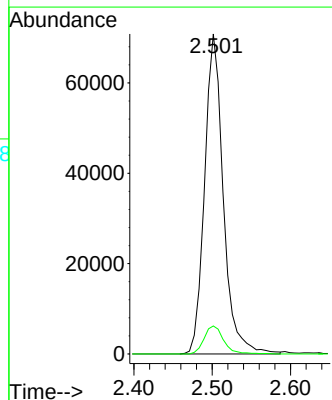
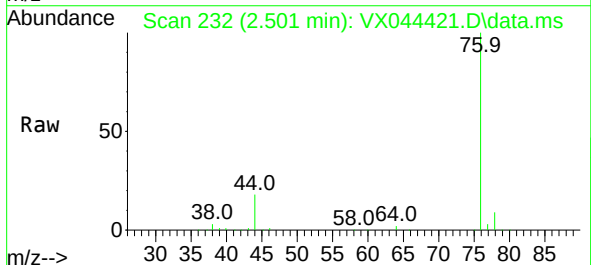
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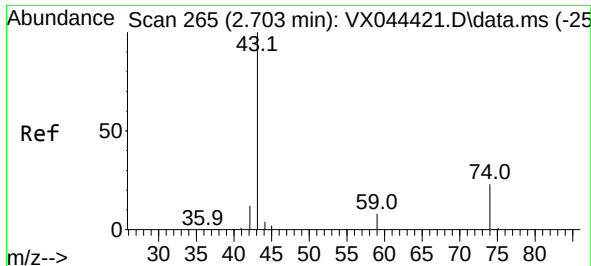
Tgt Ion: 43 Resp: 88869
Ion Ratio Lower Upper
43 100
58 29.8 0.0 66.0



#14
Carbon disulfide
Concen: 46.575 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 117376
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

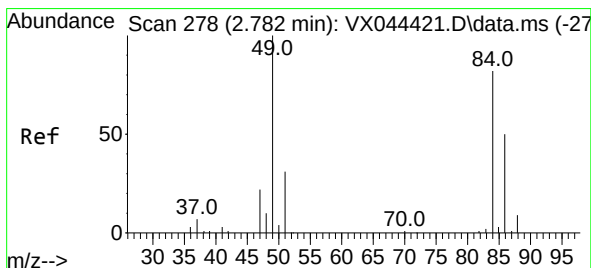
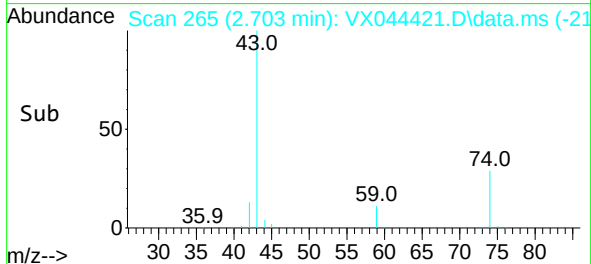
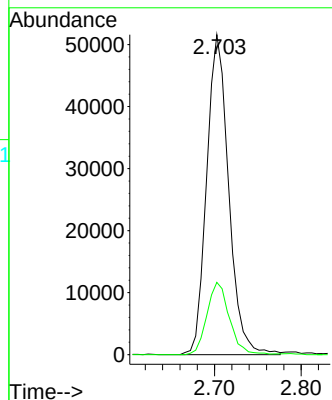
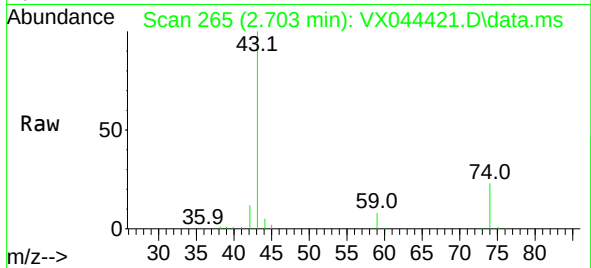




#15
Methyl Acetate
Concen: 49.970 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

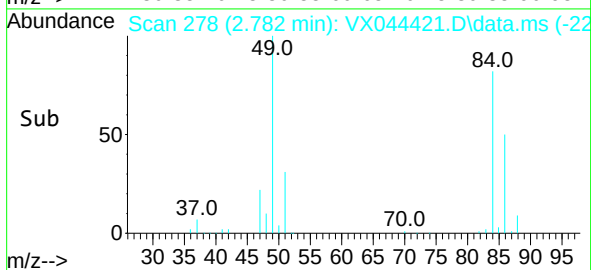
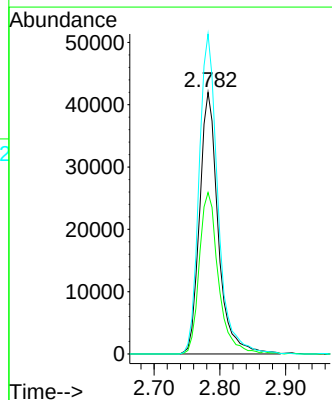
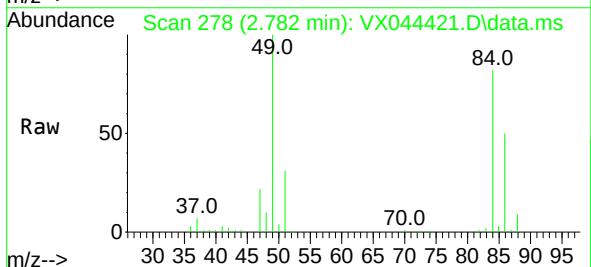
Instrument :
MSVOA_X
ClientSampleId :

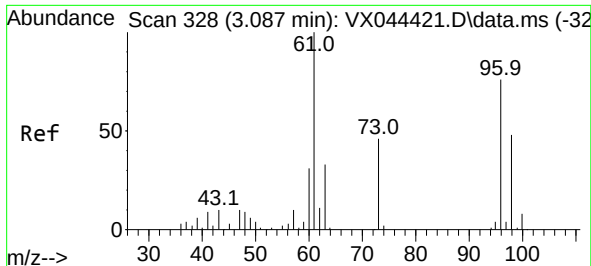
Tgt Ion: 43 Resp: 91164
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.2



#16
Methylene chloride
Concen: 53.827 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

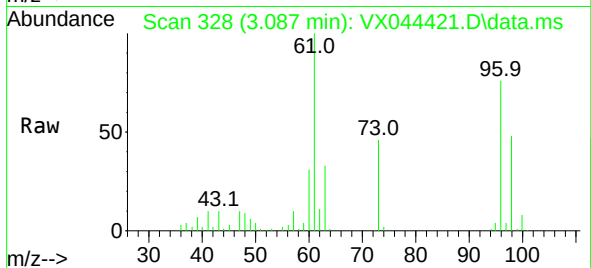
Tgt Ion: 84 Resp: 82403
Ion Ratio Lower Upper
84 100
86 61.7 46.0 85.4
49 122.3 80.8 150.2





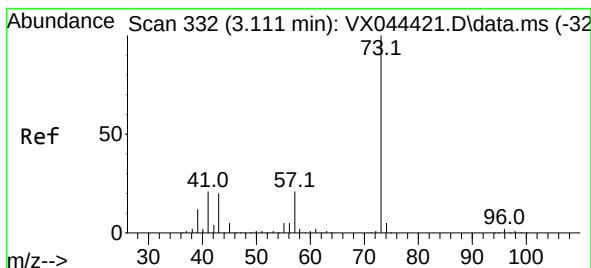
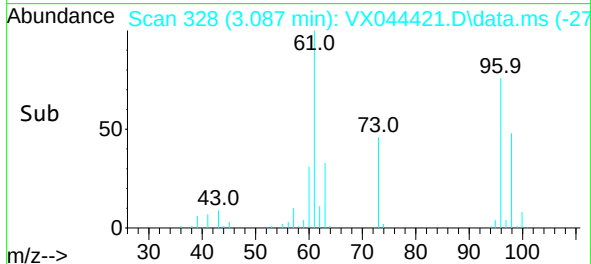
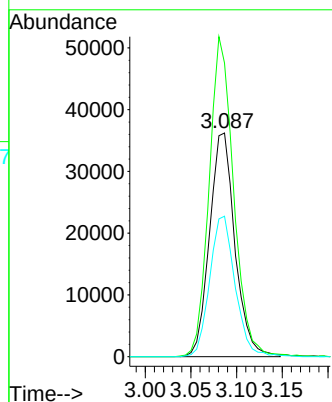
#17
trans-1,2-Dichloroethene
Concen: 50.480 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 69941

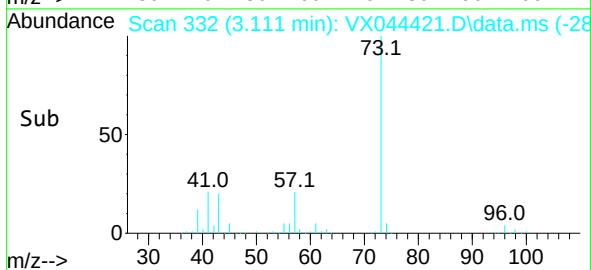
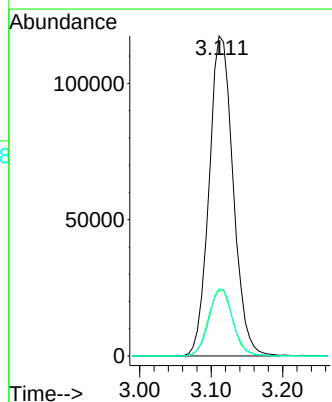
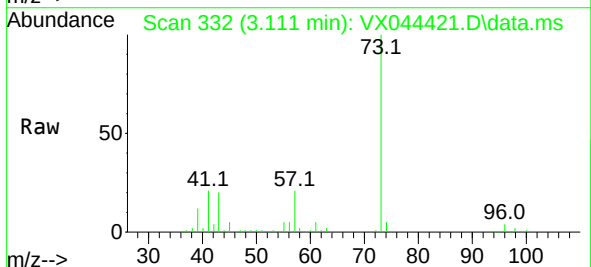
Ion	Ratio	Lower	Upper
96	100		
61	131.3	95.7	177.7
98	62.8	47.2	87.6

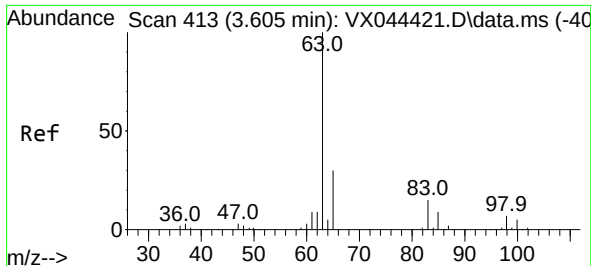


#18
Methyl tert-butyl Ether
Concen: 49.119 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion: 73 Resp: 274612

Ion	Ratio	Lower	Upper
73	100		
43	21.1	15.2	22.8
57	21.0	17.0	25.6





#19

1,1-Dichloroethane

Concen: 50.722 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

Instrument :

MSVOA_X

ClientSampleId :

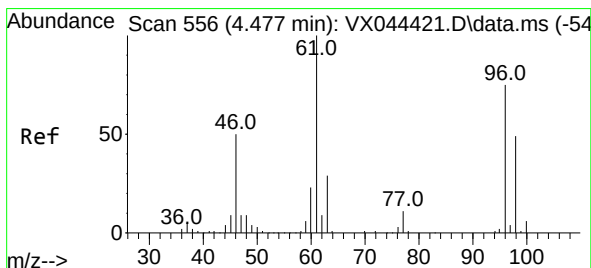
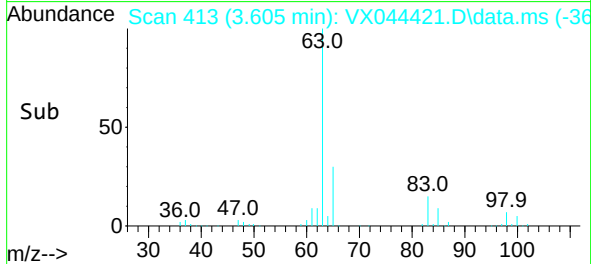
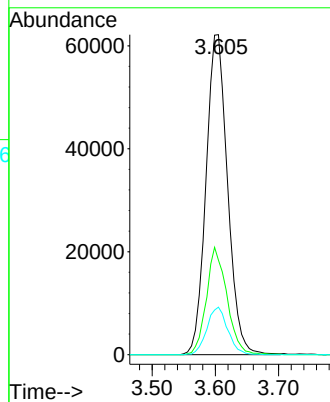
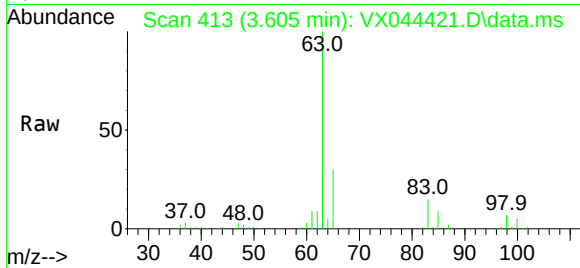
Tgt Ion: 63 Resp: 147430

Ion Ratio Lower Upper

63 100

65 29.6 23.2 43.2

83 14.9 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 52.813 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

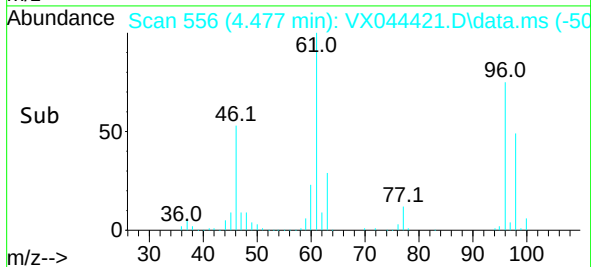
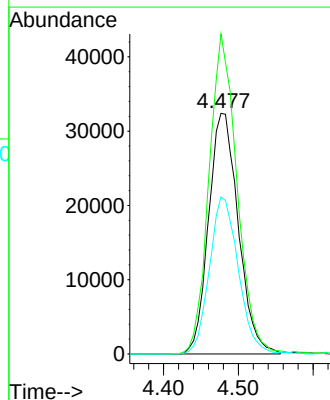
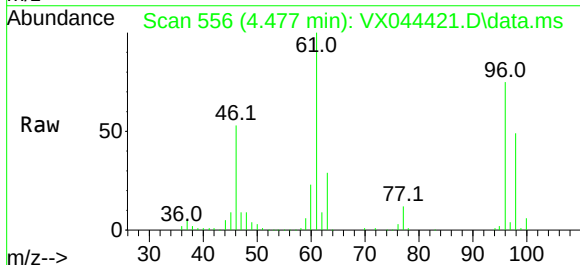
Tgt Ion: 96 Resp: 89454

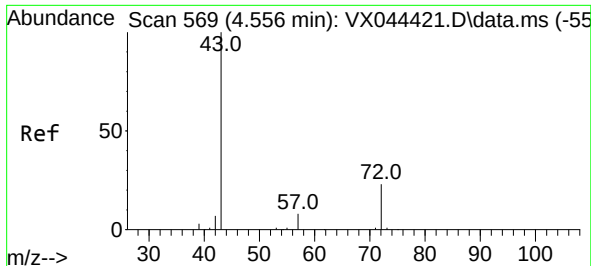
Ion Ratio Lower Upper

96 100

61 133.0 85.0 158.0

98 65.3 44.6 82.8

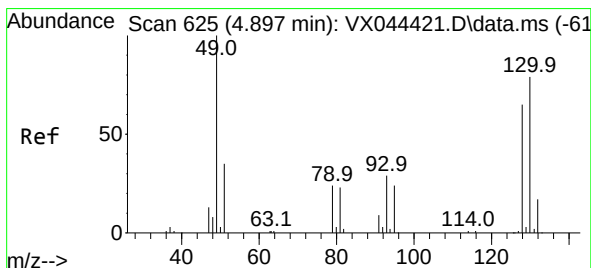
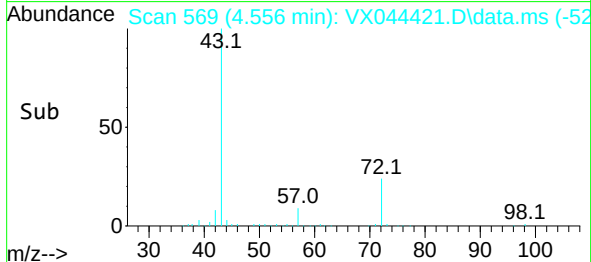
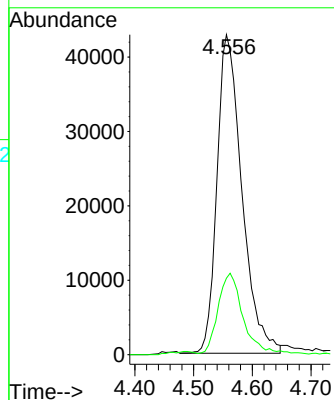
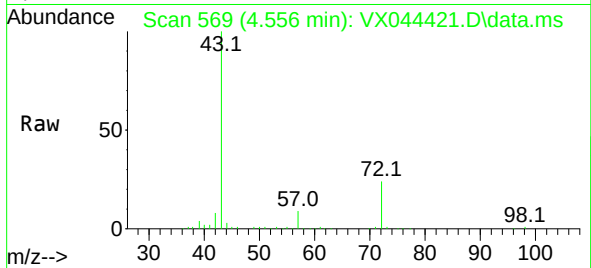




#22
2-Butanone
Concen: 92.849 ug/L
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

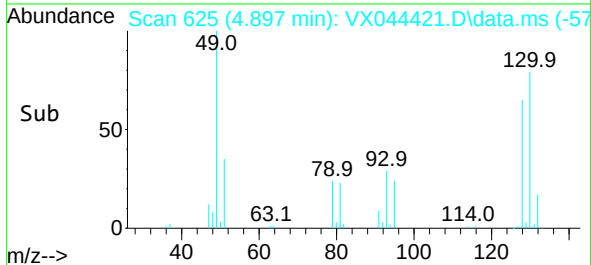
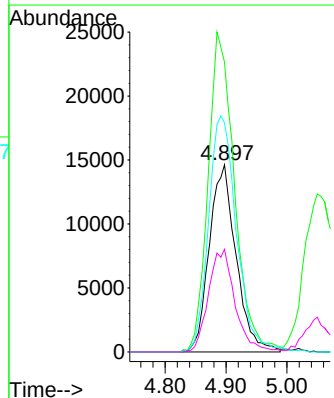
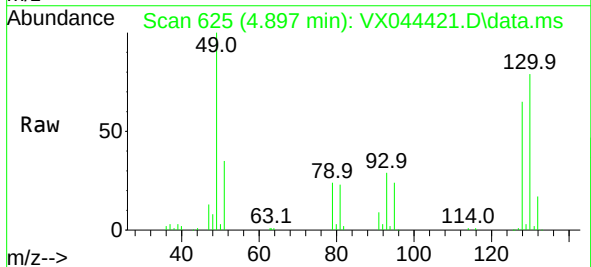
Instrument :
MSVOA_X
ClientSampleId :

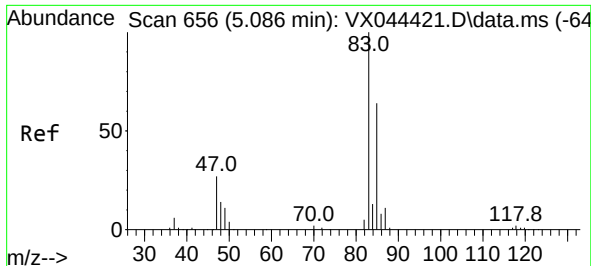
Tgt Ion: 43 Resp: 126079
Ion Ratio Lower Upper
43 100
72 25.5 13.1 39.3



#23
Bromochloromethane
Concen: 54.083 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion:128 Resp: 44673
Ion Ratio Lower Upper
128 100
49 154.8 103.7 192.5
130 122.4 89.1 165.5
51 54.9 36.6 55.0

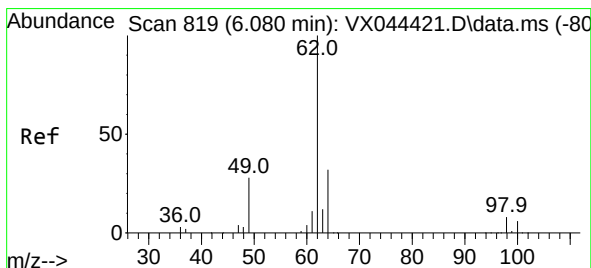
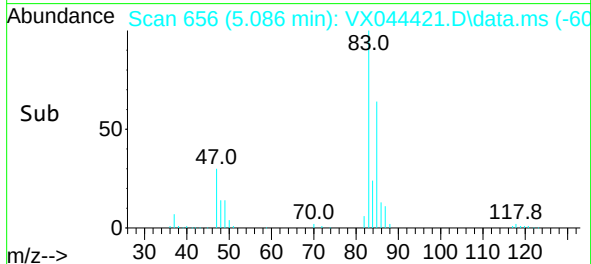
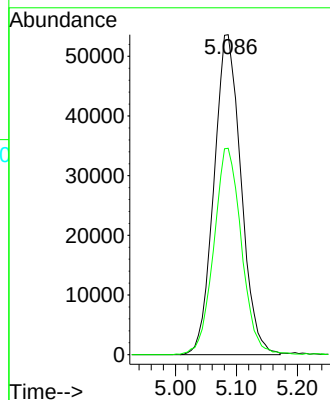
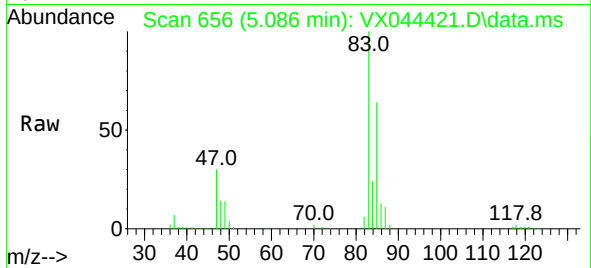




#25
Chloroform
Concen: 50.614 ug/L
RT: 5.086 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

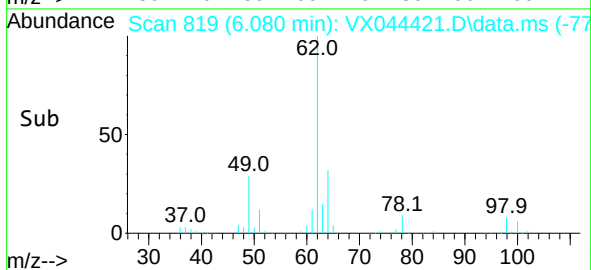
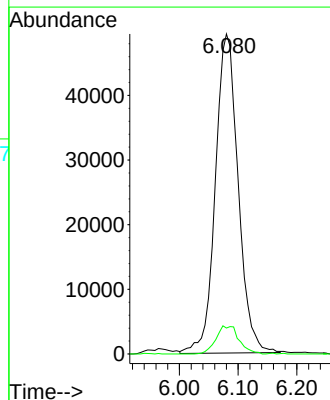
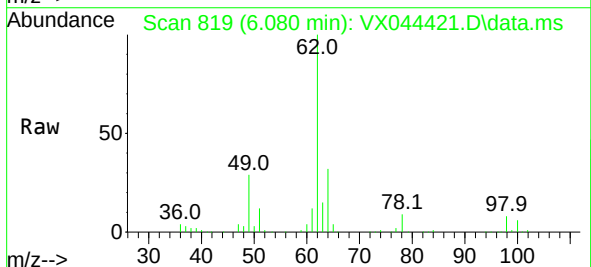
Instrument :
MSVOA_X
ClientSampleId :

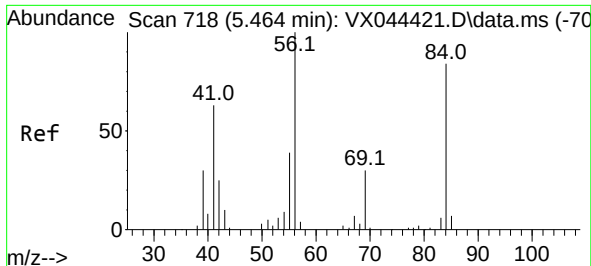
Tgt Ion: 83 Resp: 165577
Ion Ratio Lower Upper
83 100
85 64.5 47.7 88.7



#27
1,2-Dichloroethane
Concen: 49.052 ug/L
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

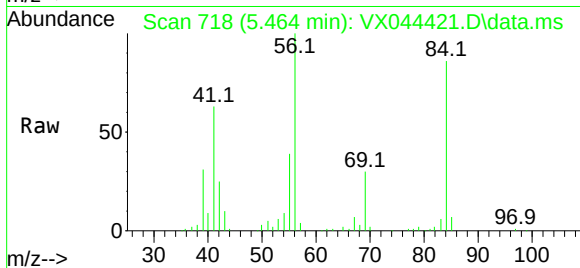
Tgt Ion: 62 Resp: 133405
Ion Ratio Lower Upper
62 100
98 8.1 7.7 11.5



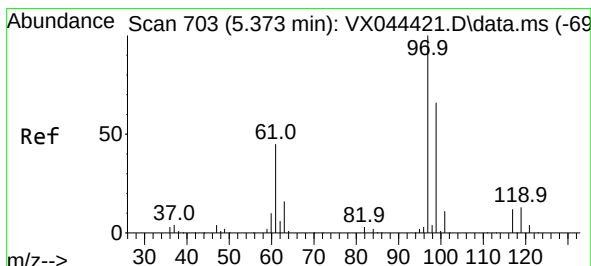
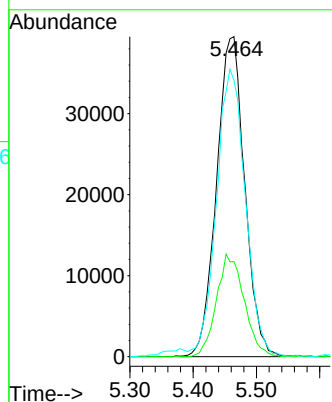
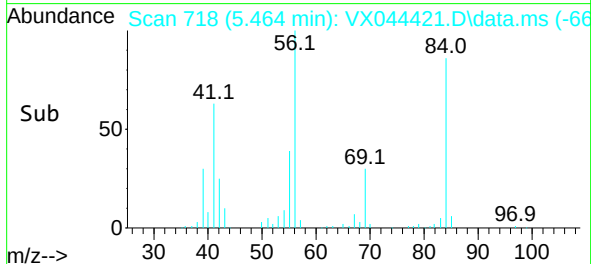


#29
Cyclohexane
Concen: 49.470 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Instrument :
MSVOA_X
ClientSampleId :

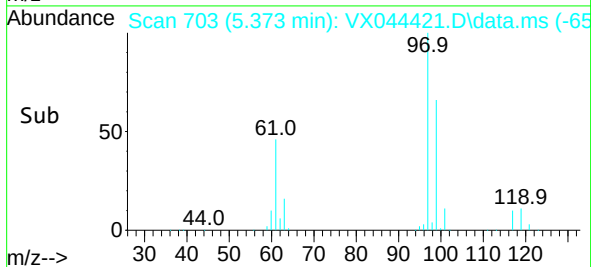
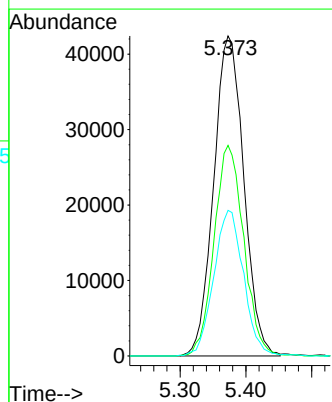
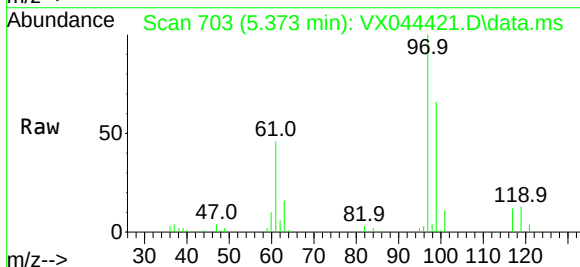


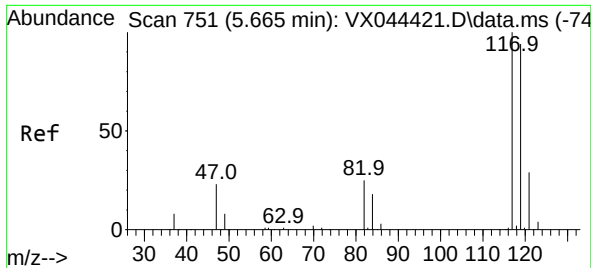
Tgt Ion: 56 Resp: 122035
Ion Ratio Lower Upper
56 100
69 31.4 25.1 37.7
84 92.1 72.9 109.3



#30
1,1,1-Trichloroethane
Concen: 50.039 ug/L
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

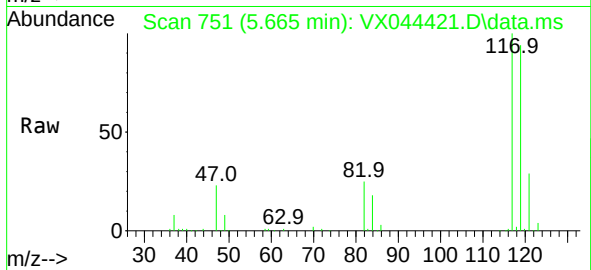
Tgt Ion: 97 Resp: 135050
Ion Ratio Lower Upper
97 100
99 64.9 52.2 78.2
61 45.0 32.8 49.2



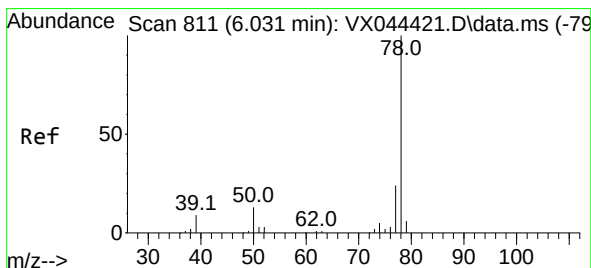
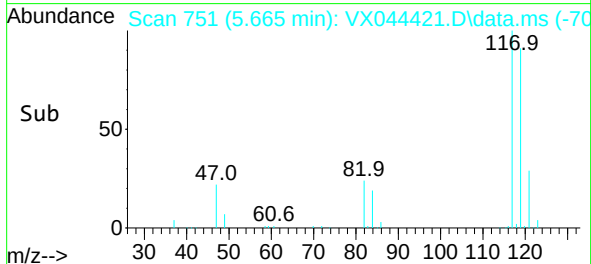
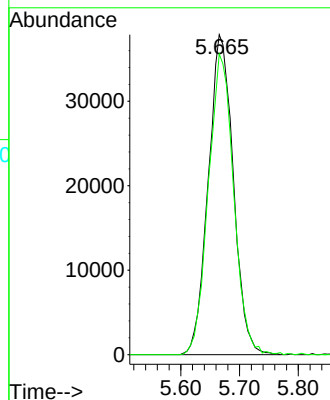


#31
Carbon tetrachloride
Concen: 52.957 ug/L
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Instrument :
MSVOA_X
ClientSampleId :

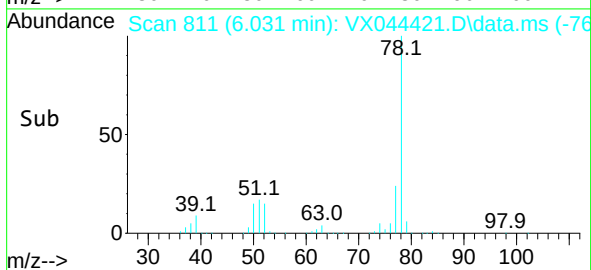
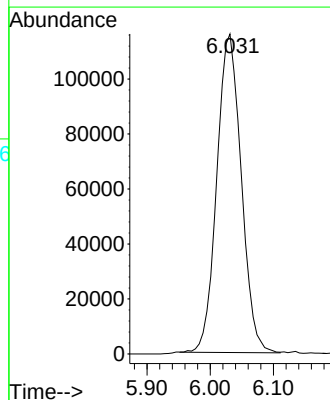
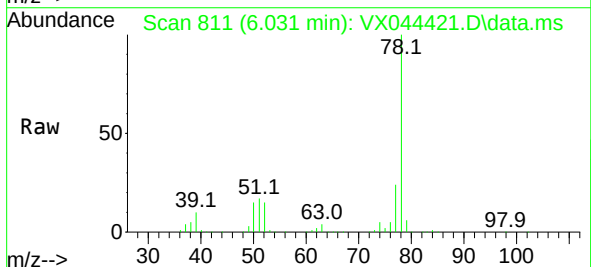


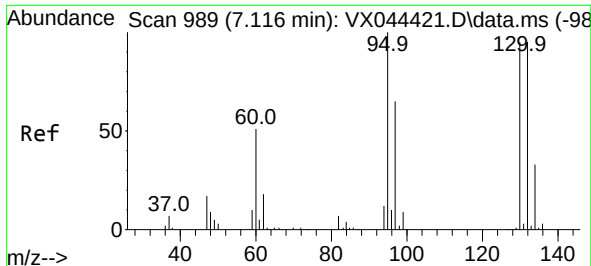
Tgt Ion:117 Resp: 111947
Ion Ratio Lower Upper
117 100
119 94.5 77.7 116.5



#33
Benzene
Concen: 51.399 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

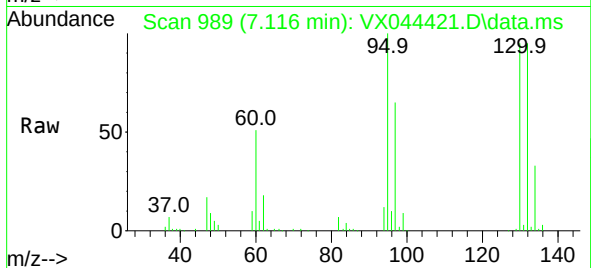
Tgt Ion: 78 Resp: 310327





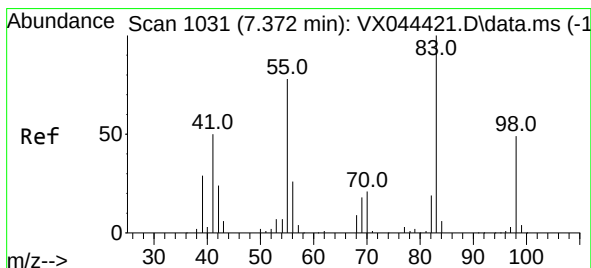
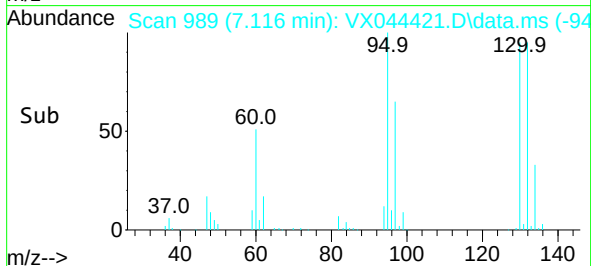
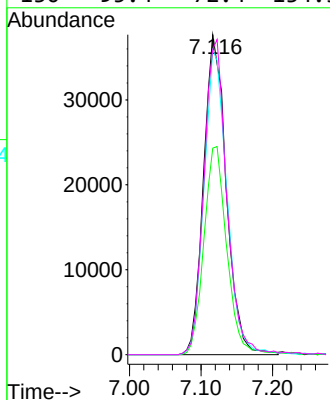
#34
Trichloroethene
Concen: 50.519 ug/L
RT: 7.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 83273

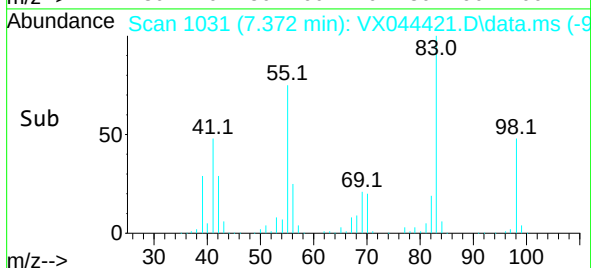
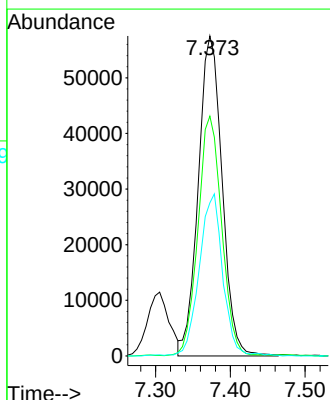
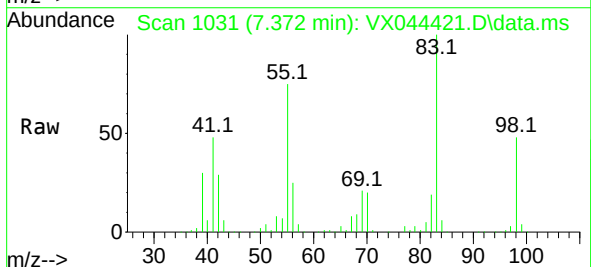
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	95.2	66.6	123.8
130	95.4	72.4	134.5

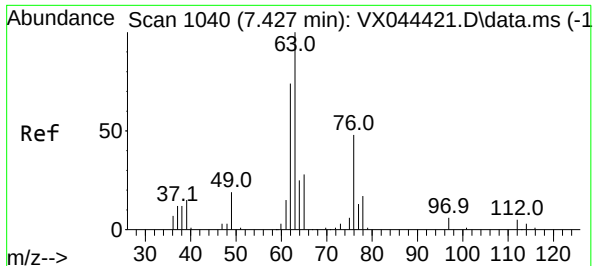


#35
Methylcyclohexane
Concen: 53.359 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion: 83 Resp: 127416

Ion	Ratio	Lower	Upper
83	100		
55	74.3	58.5	87.7
98	49.5	40.5	60.7





#37

1,2-Dichloropropane

Concen: 53.241 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

Instrument :

MSVOA_X

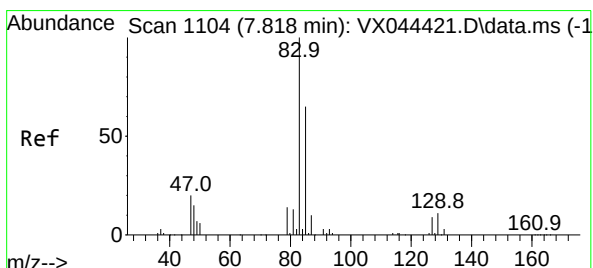
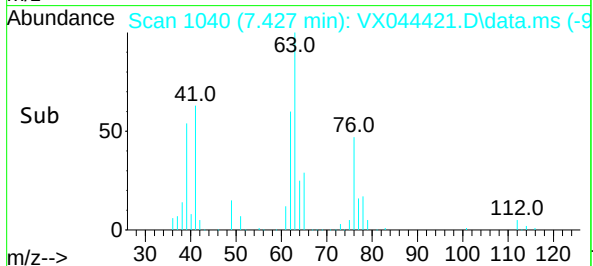
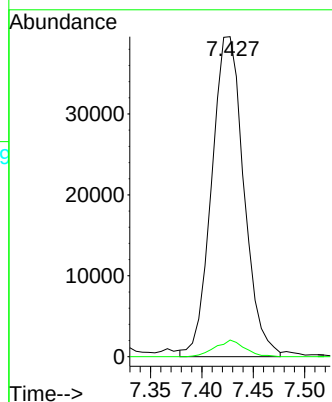
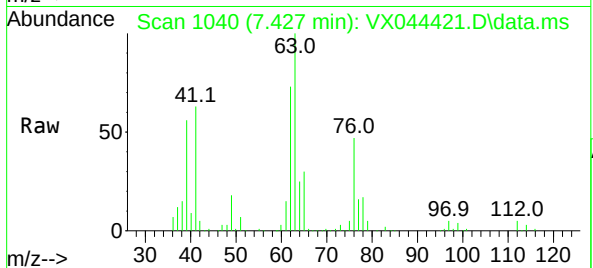
ClientSampleId :

Tgt Ion: 63 Resp: 86314

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 51.598 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

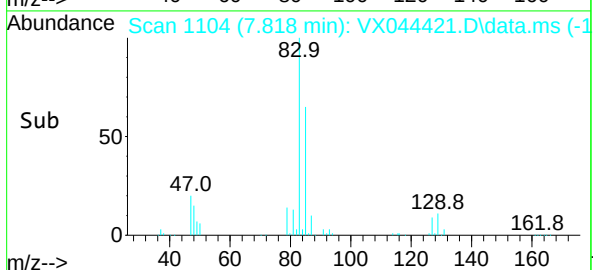
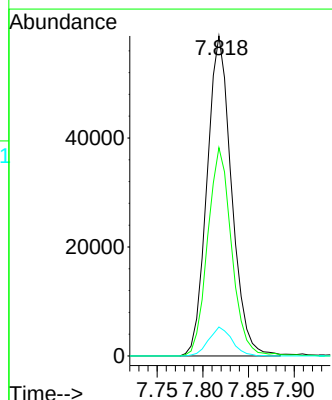
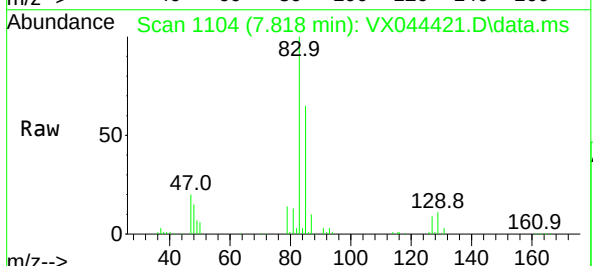
Tgt Ion: 83 Resp: 109594

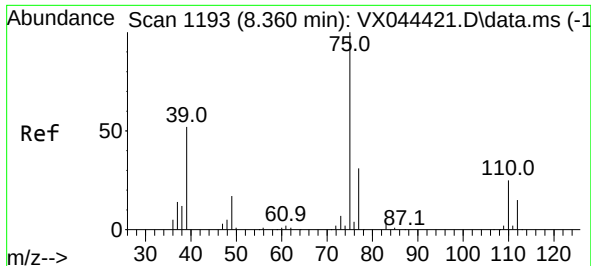
Ion Ratio Lower Upper

83 100

85 65.1 44.1 81.9

127 9.0 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 52.518 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

Instrument :

MSVOA_X

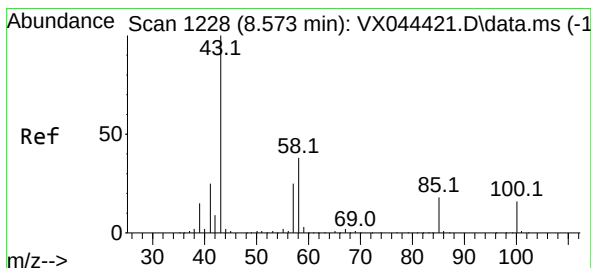
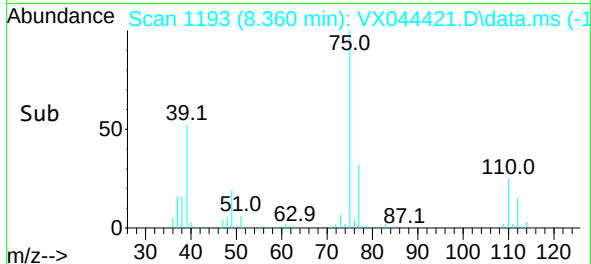
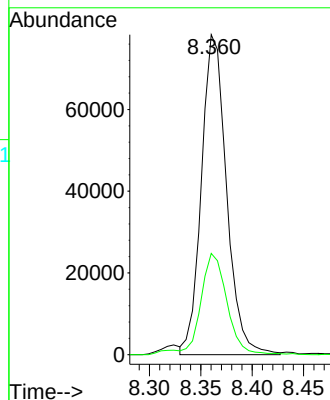
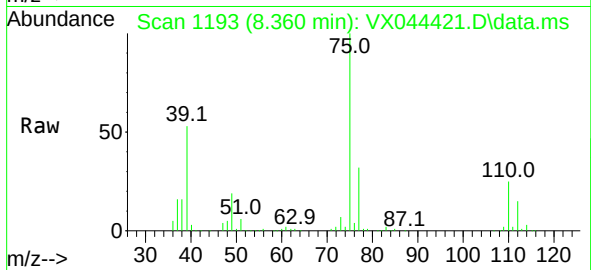
ClientSampleId :

Tgt Ion: 75 Resp: 133357

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 100.269 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

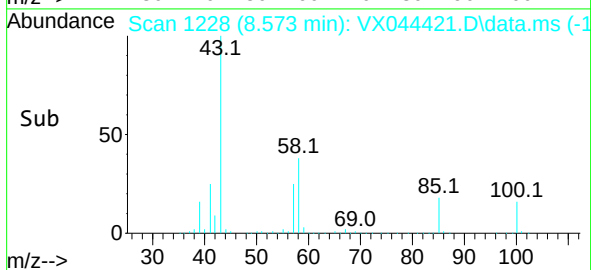
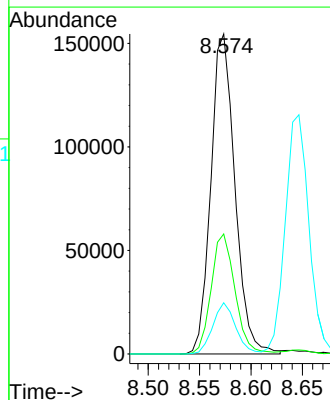
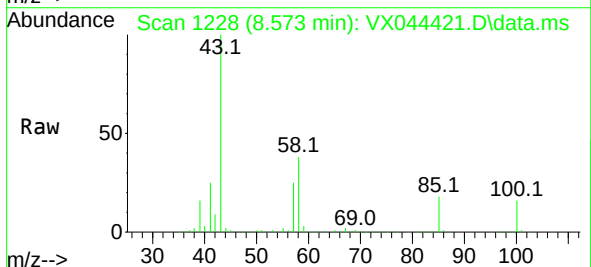
Tgt Ion: 43 Resp: 251660

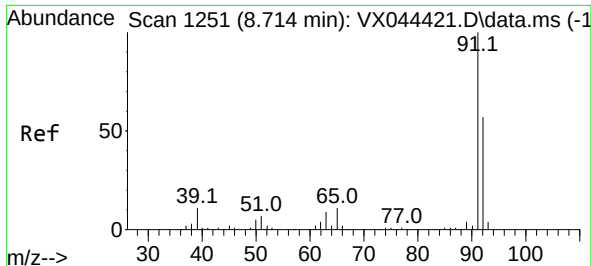
Ion Ratio Lower Upper

43 100

58 37.1 32.4 48.6

100 15.3 13.7 20.5





#42

Toluene

Concen: 51.705 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

Instrument :

MSVOA_X

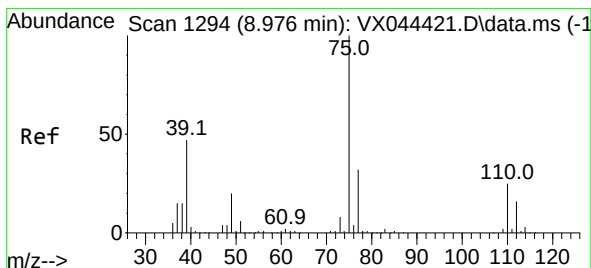
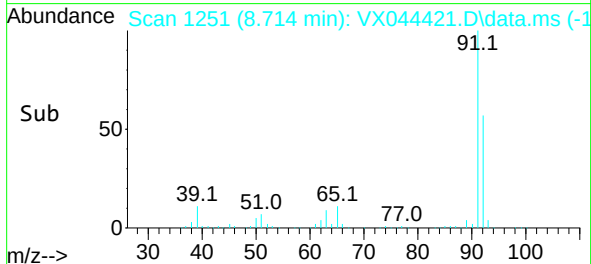
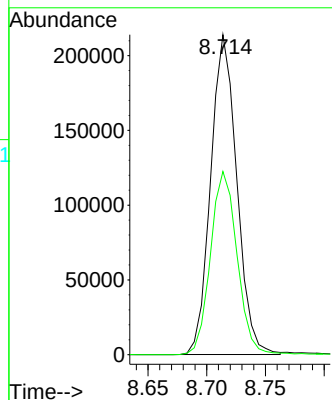
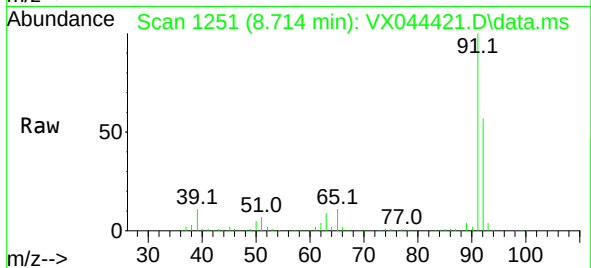
ClientSampleId :

Tgt Ion: 91 Resp: 330769

Ion Ratio Lower Upper

91 100

92 57.3 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 52.245 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044421.D

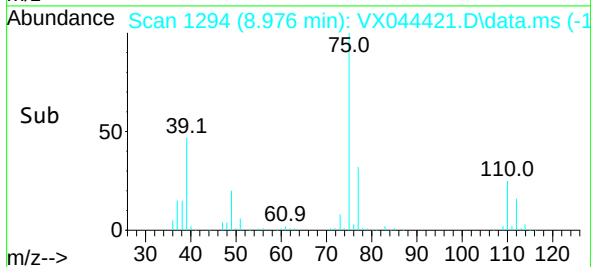
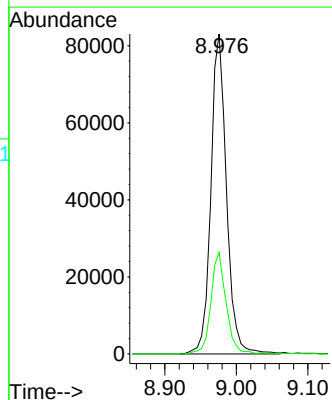
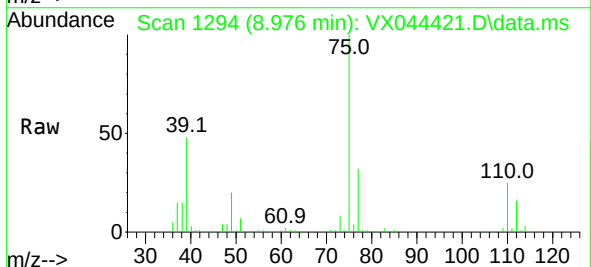
Acq: 19 Dec 2024 08:50

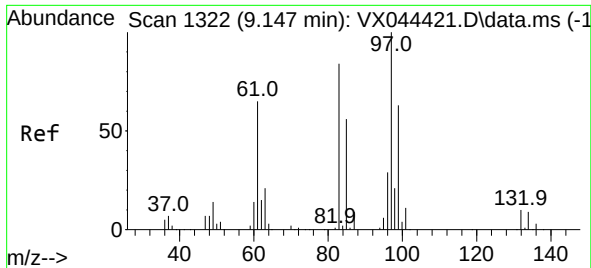
Tgt Ion: 75 Resp: 125743

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



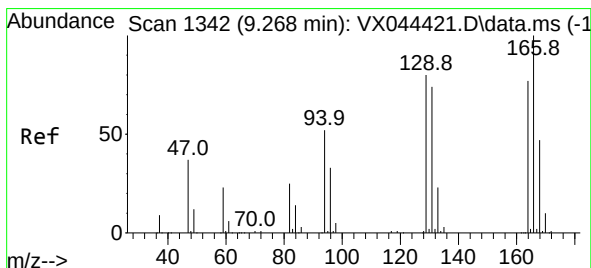
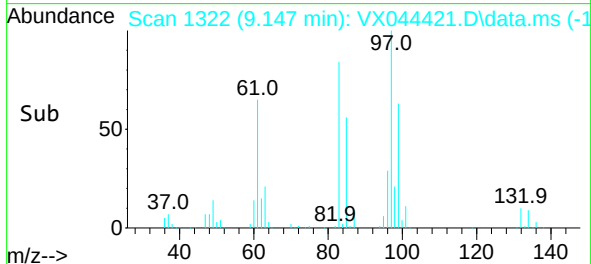
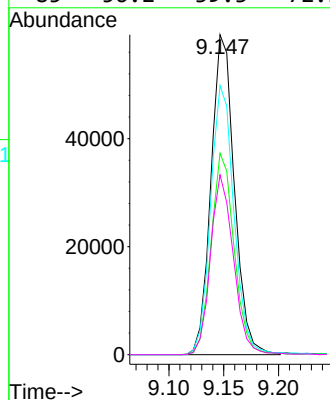
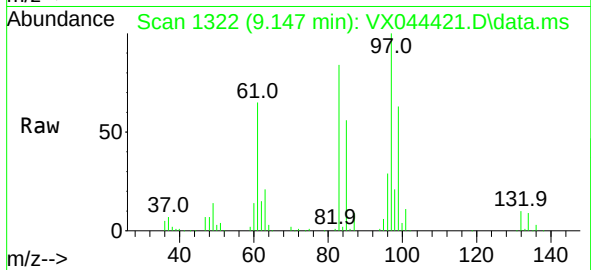


#45
1,1,2-Trichloroethane
Concen: 52.890 ug/L
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 87870

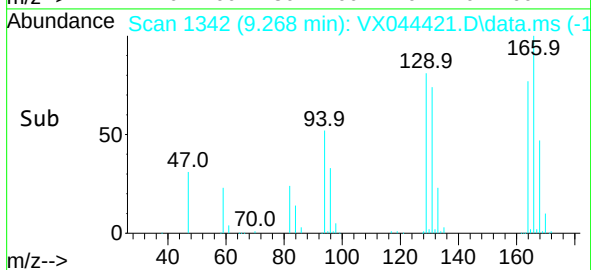
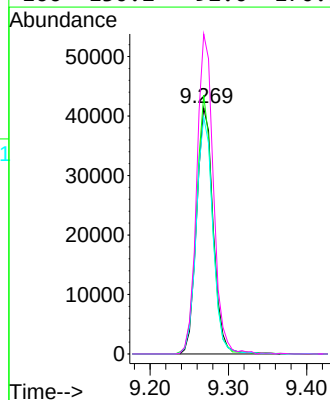
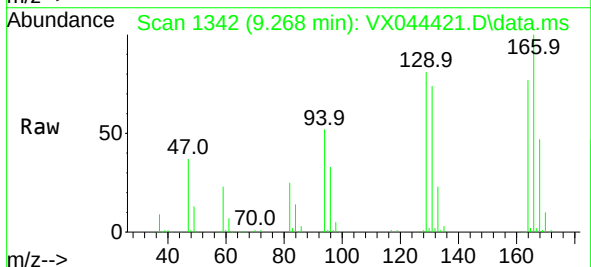
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.4	80.6
83	84.1	60.2	111.8
85	56.2	39.3	72.9

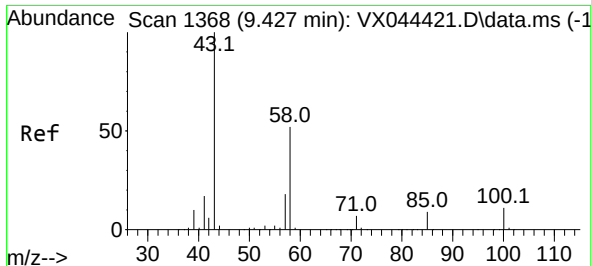


#46
Tetrachloroethene
Concen: 55.333 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion: 164 Resp: 60843

Ion	Ratio	Lower	Upper
164	100		
129	105.3	73.6	136.6
131	96.3	70.2	130.4
166	130.2	92.0	170.8

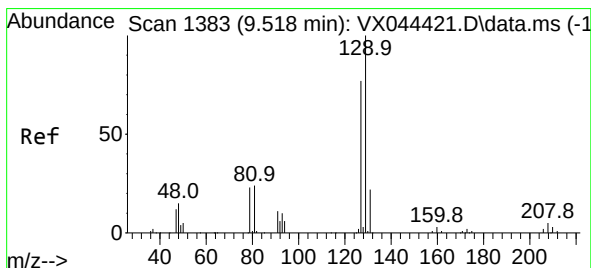
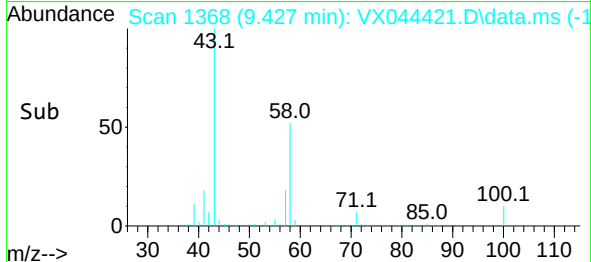
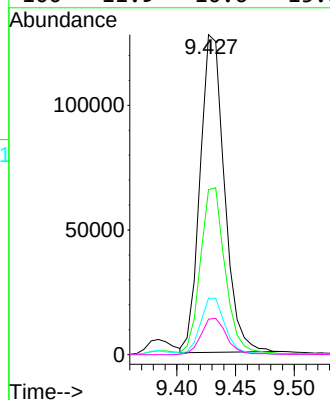
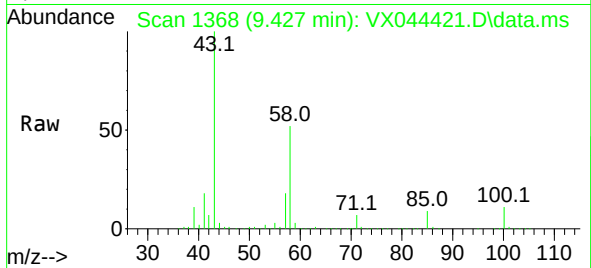




#48
2-Hexanone
Concen: 93.019 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

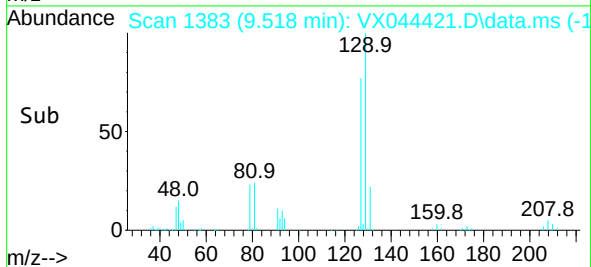
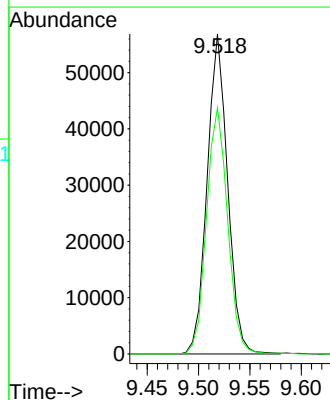
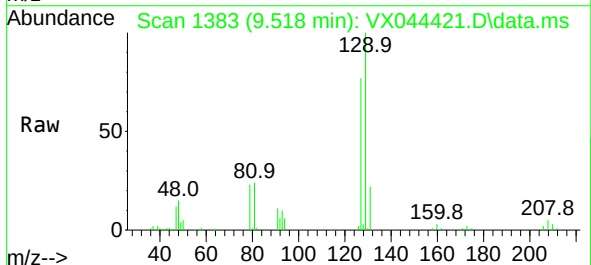
Instrument :
MSVOA_X
ClientSampleId :

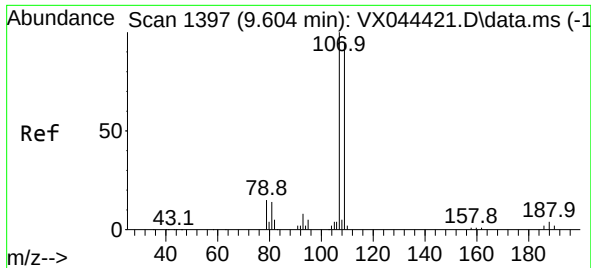
Tgt Ion: 43 Resp: 183821
Ion Ratio Lower Upper
43 100
58 53.7 45.4 68.2
57 18.4 15.4 23.0
100 11.9 10.6 15.8



#49
Dibromochloromethane
Concen: 53.673 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion: 129 Resp: 78818
Ion Ratio Lower Upper
129 100
127 77.0 53.5 99.5

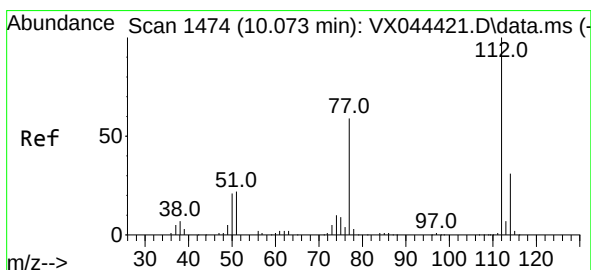
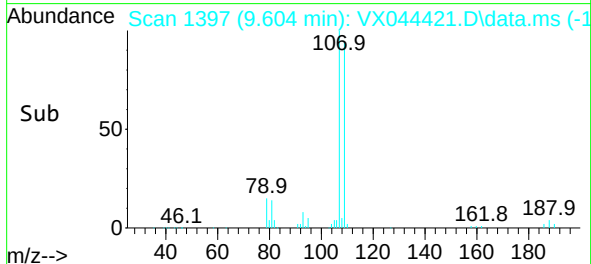
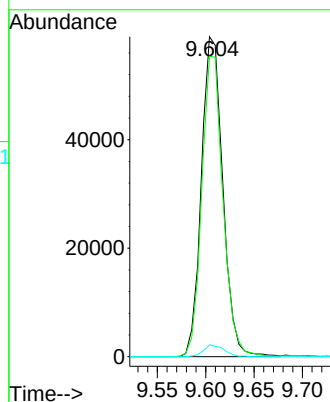
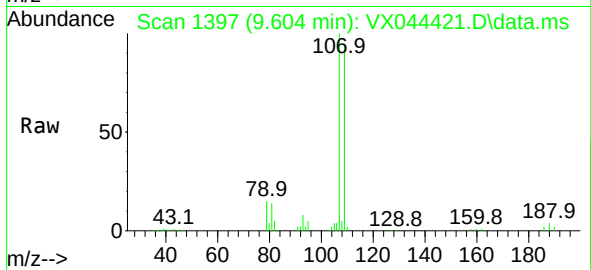




#50
1,2-Dibromoethane
Concen: 53.160 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

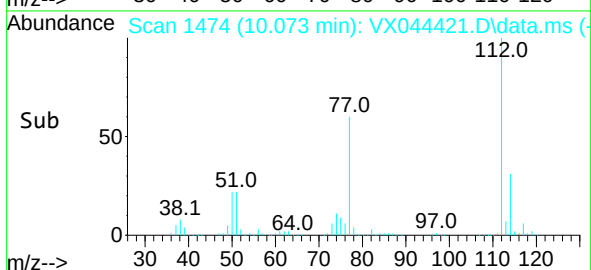
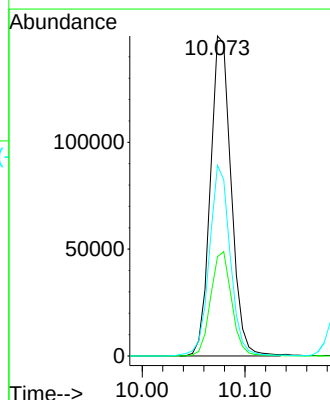
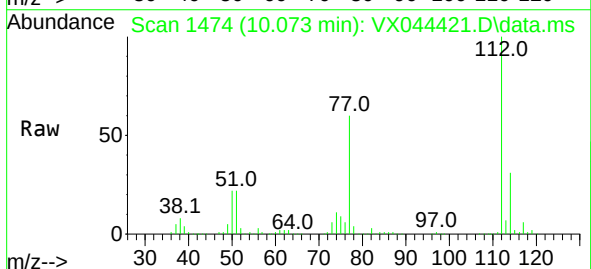
Instrument :
MSVOA_X
ClientSampleId :

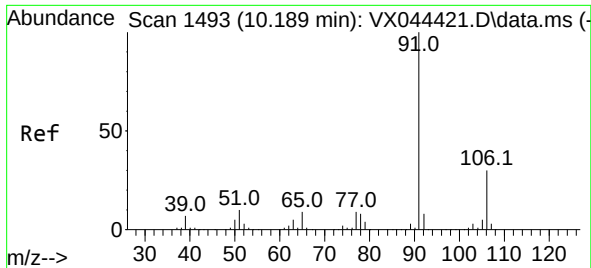
Tgt Ion:107	Resp:	91208
Ion	Ratio	Lower Upper
107	100	
109	93.9	65.5 121.7
188	3.7	2.6 4.0



#51
Chlorobenzene
Concen: 51.467 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion:112	Resp:	211234
Ion	Ratio	Lower Upper
112	100	
114	31.0	22.9 42.5
77	59.6	48.0 72.0

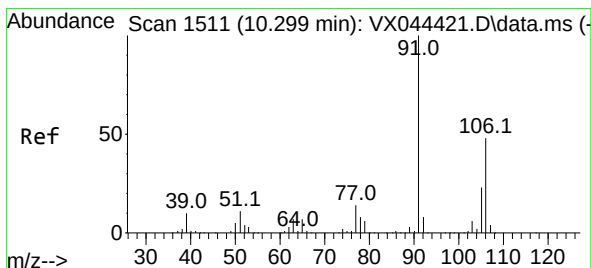
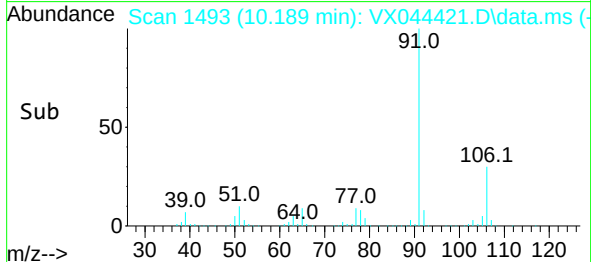
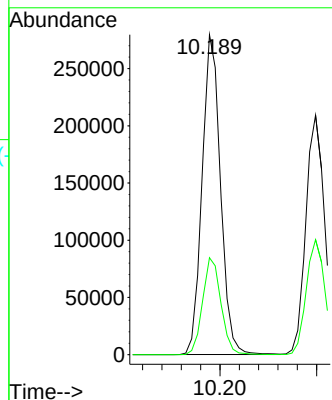
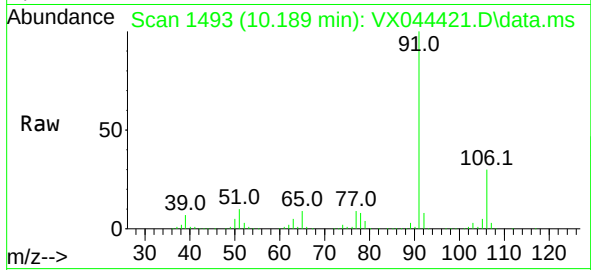




#52
Ethylbenzene
Concen: 52.493 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

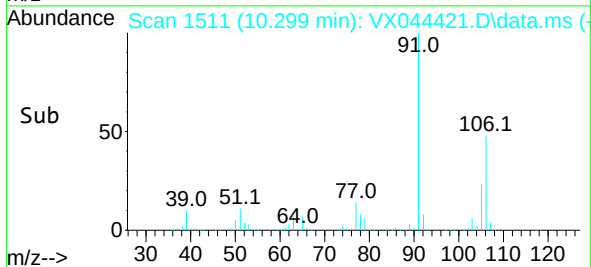
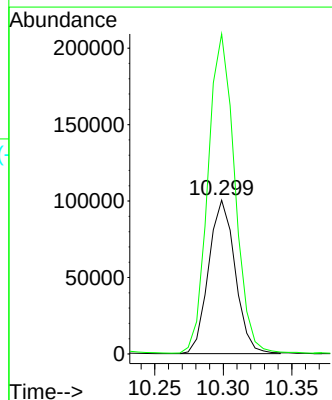
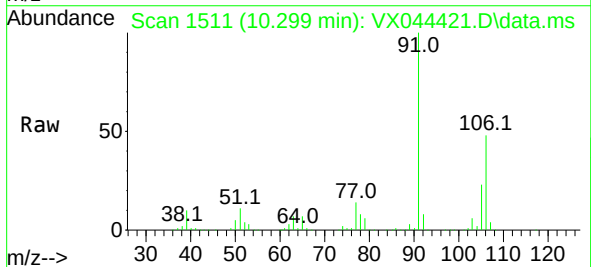
Instrument :
MSVOA_X
ClientSampleId :

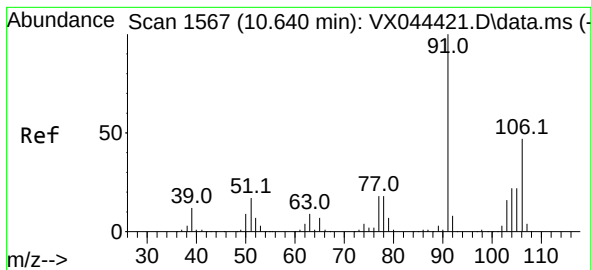
Tgt Ion: 91 Resp: 369898
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1



#53
m,p-Xylene
Concen: 52.998 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion: 106 Resp: 135266
Ion Ratio Lower Upper
106 100
91 208.0 147.5 273.9





#54

o-Xylene

Concen: 52.907 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

Instrument :

MSVOA_X

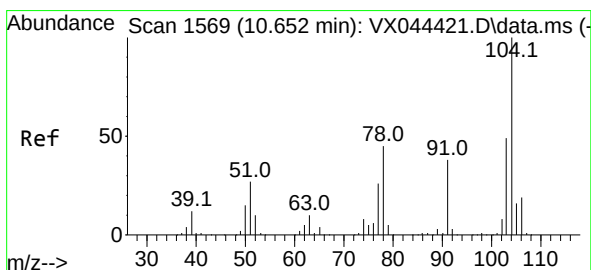
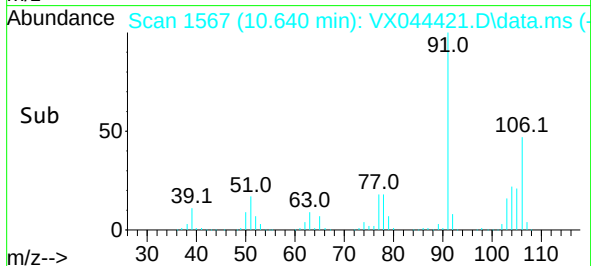
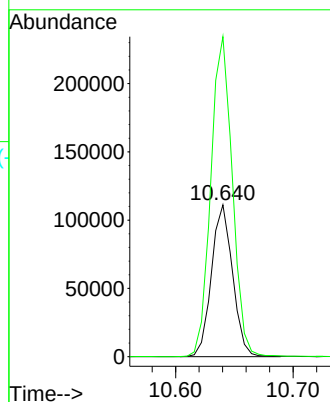
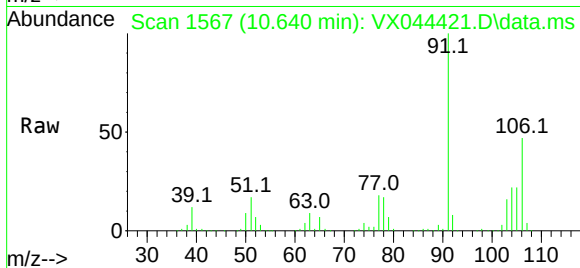
ClientSampleId :

Tgt Ion:106 Resp: 138860

Ion Ratio Lower Upper

106 100

91 210.7 153.7 285.5



#55

Styrene

Concen: 53.774 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044421.D

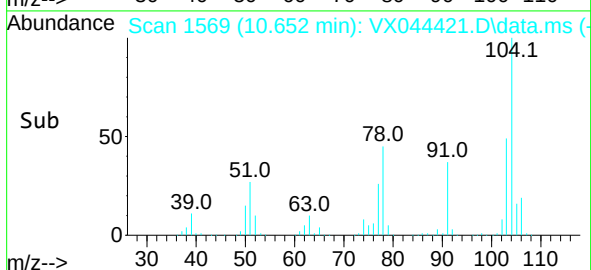
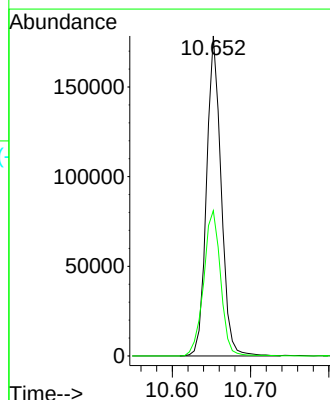
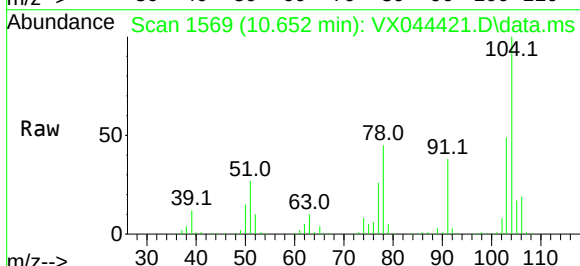
Acq: 19 Dec 2024 08:50

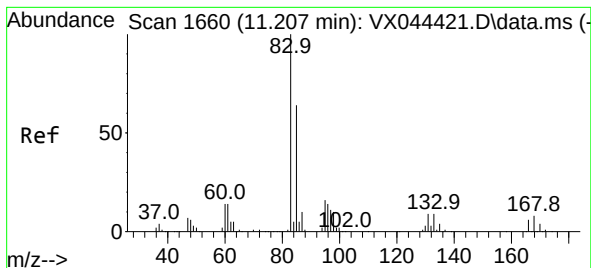
Tgt Ion:104 Resp: 230185

Ion Ratio Lower Upper

104 100

78 45.4 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 51.375 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

Instrument :

MSVOA_X

ClientSampleId :

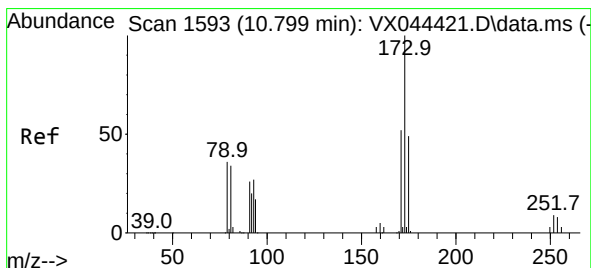
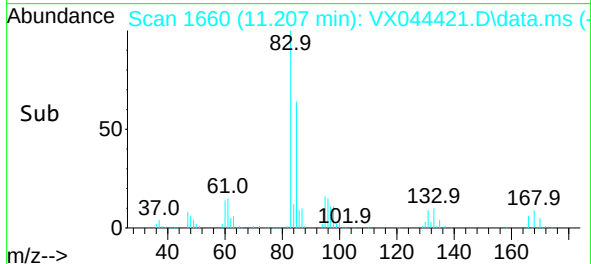
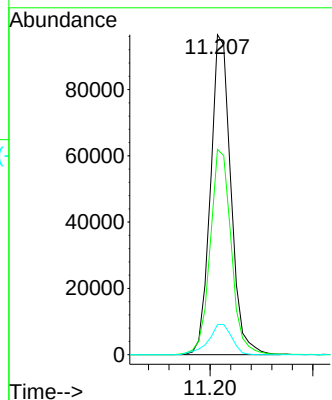
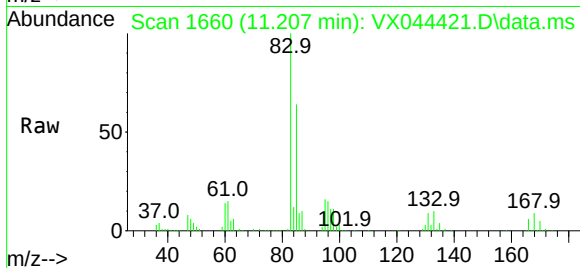
Tgt Ion: 83 Resp: 132406

Ion Ratio Lower Upper

83 100

85 64.2 46.0 85.4

131 9.4 8.8 13.2



#59

Bromoform

Concen: 53.368 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

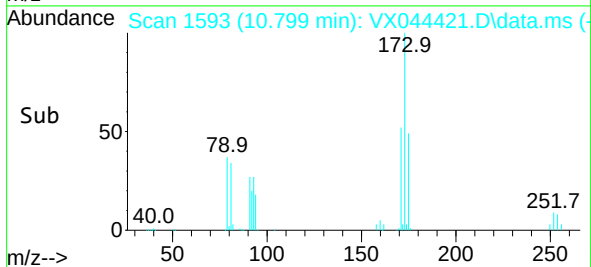
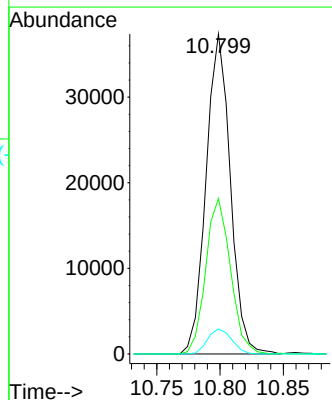
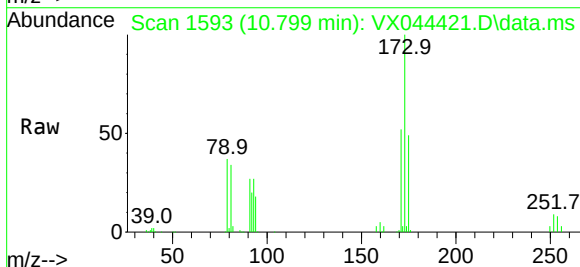
Tgt Ion:173 Resp: 49938

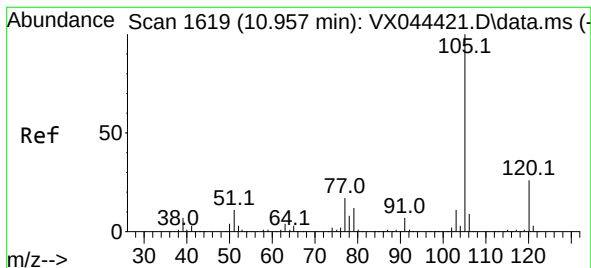
Ion Ratio Lower Upper

173 100

175 49.5 40.0 60.0

254 7.8 6.3 9.5





#60

Isopropylbenzene

Concen: 50.363 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

Instrument :

MSVOA_X

ClientSampleId :

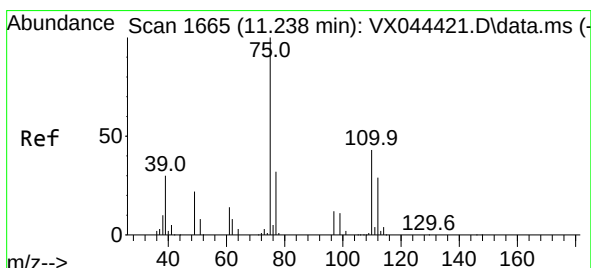
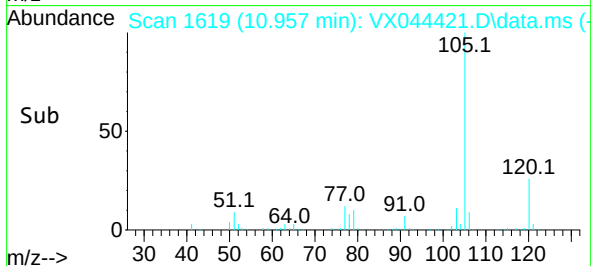
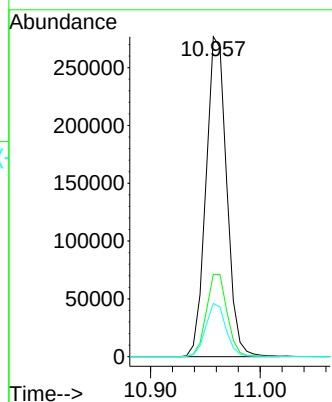
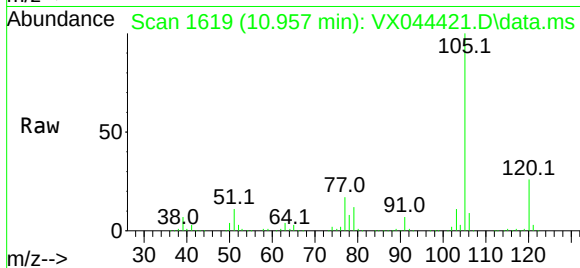
Tgt Ion:105 Resp: 362425

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.4 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 47.012 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044421.D

Acq: 19 Dec 2024 08:50

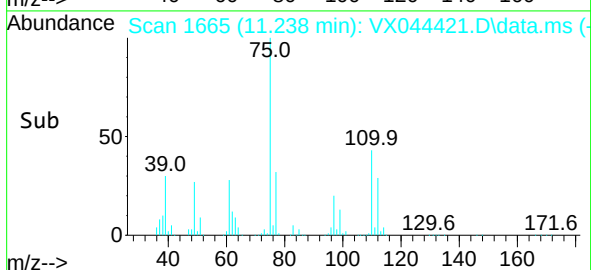
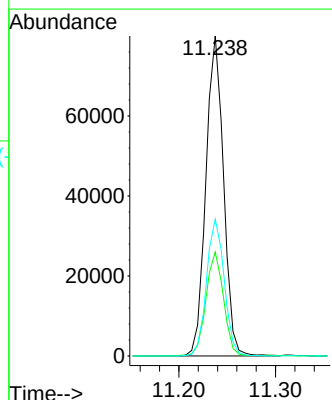
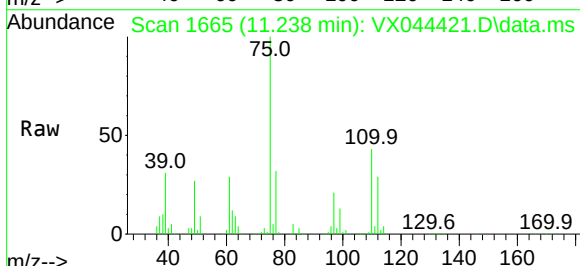
Tgt Ion: 75 Resp: 101544

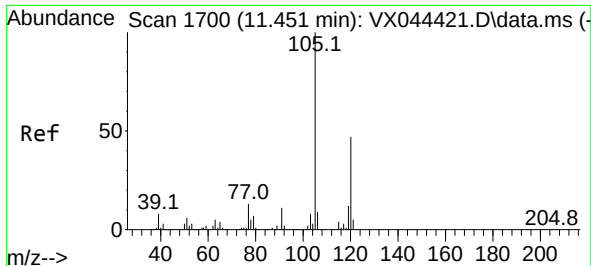
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

110 42.9 33.3 49.9

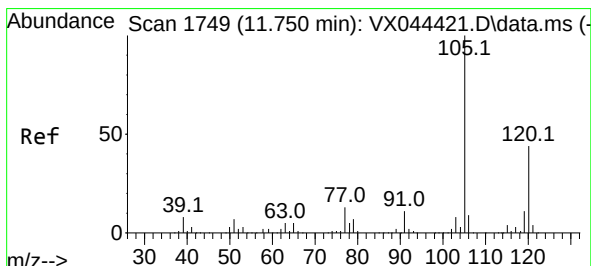
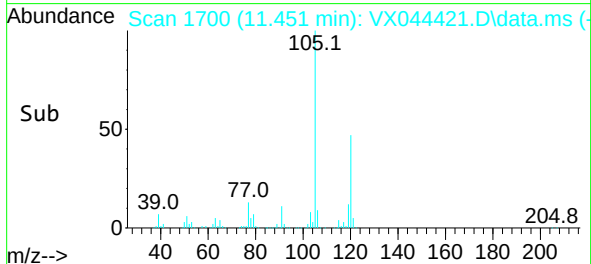
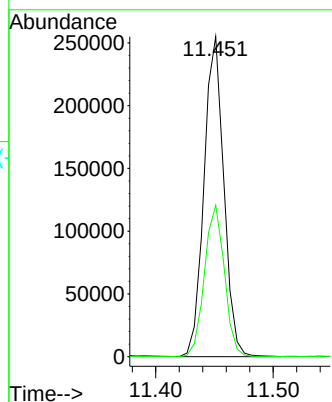
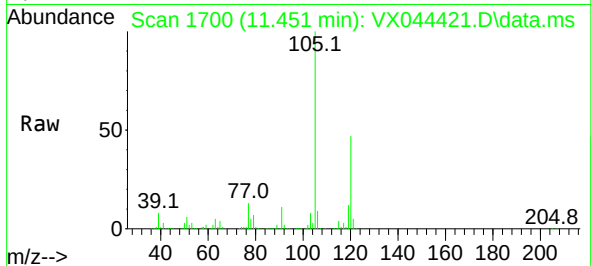




#62
1,3,5-Trimethylbenzene
Concen: 49.954 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

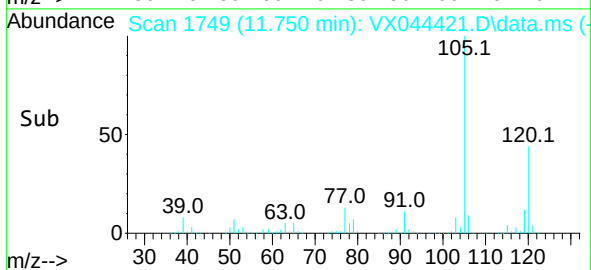
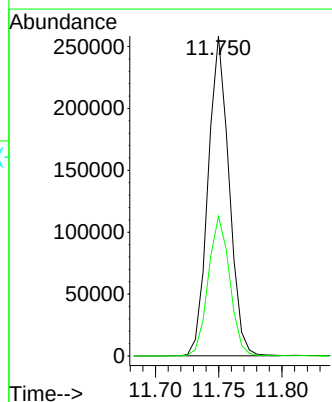
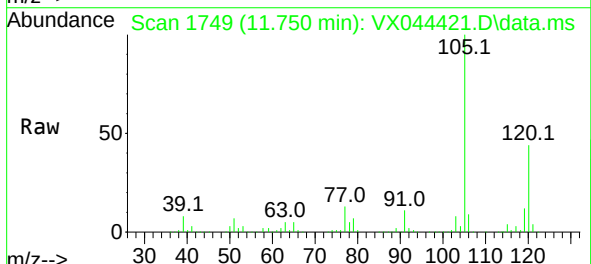
Instrument :
MSVOA_X
ClientSampleId :

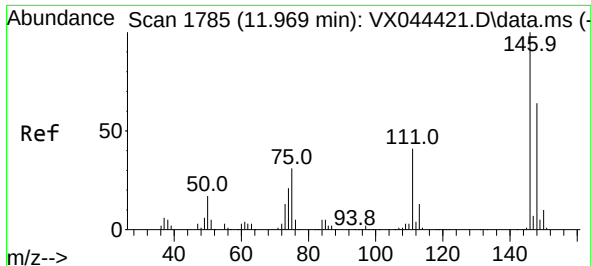
Tgt Ion:105 Resp: 298326
Ion Ratio Lower Upper
105 100
120 47.6 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 50.768 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion:105 Resp: 297551
Ion Ratio Lower Upper
105 100
120 44.4 34.5 51.7

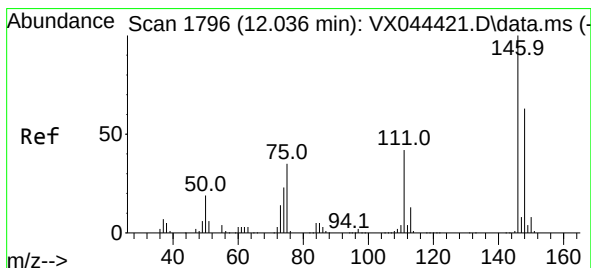
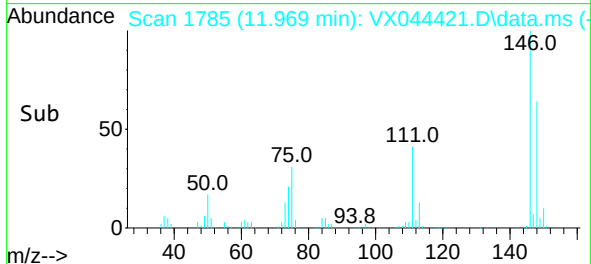
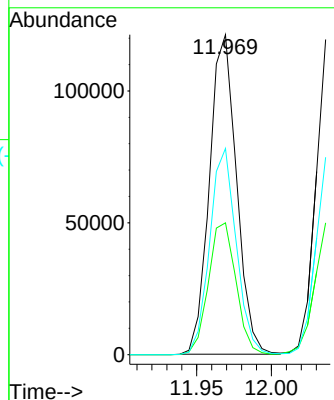
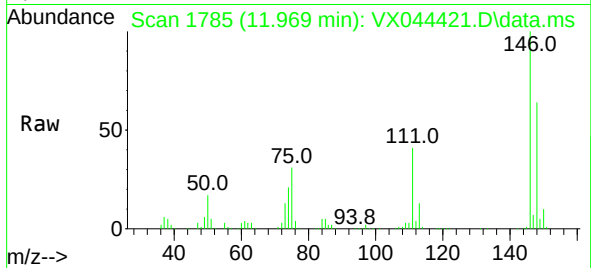




#64
1,3-Dichlorobenzene
Concen: 51.216 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

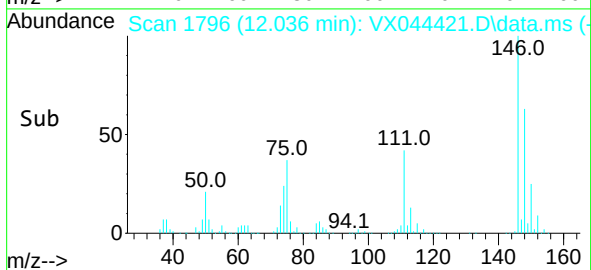
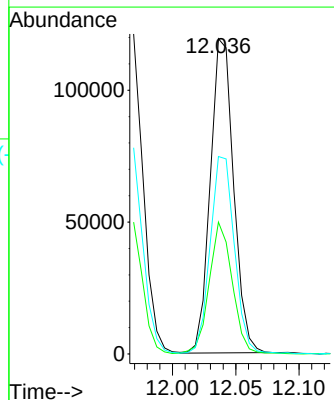
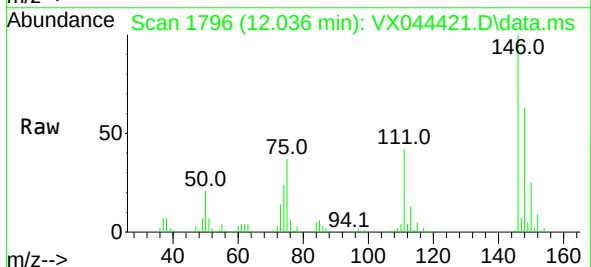
Instrument :
MSVOA_X
ClientSampleId :

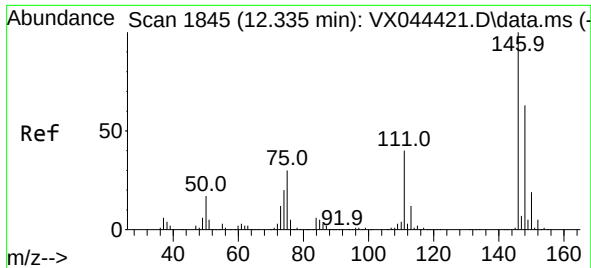
Tgt Ion:146 Resp: 152850
Ion Ratio Lower Upper
146 100
111 41.2 28.8 53.4
148 64.5 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 51.181 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

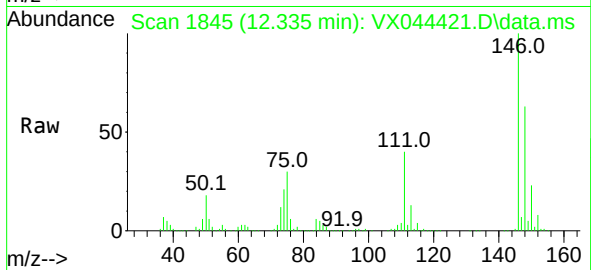
Tgt Ion:146 Resp: 152854
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.7
148 62.6 43.2 80.2



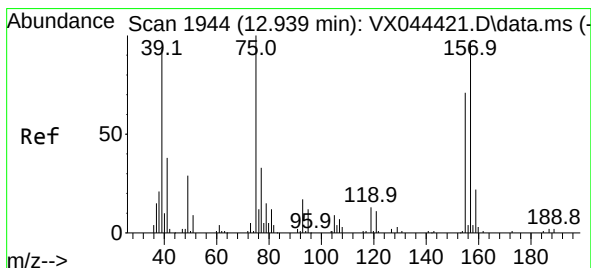
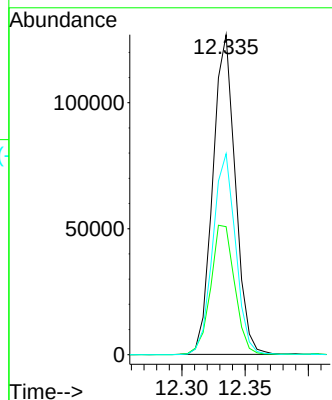
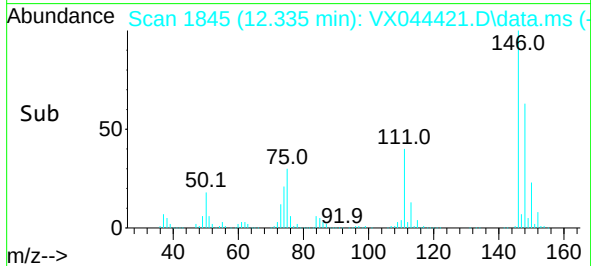


#67
1,2-Dichlorobenzene
Concen: 51.771 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Instrument :
MSVOA_X
ClientSampleId :

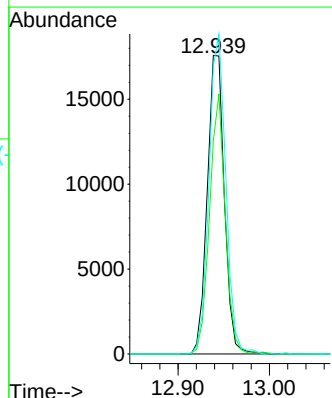
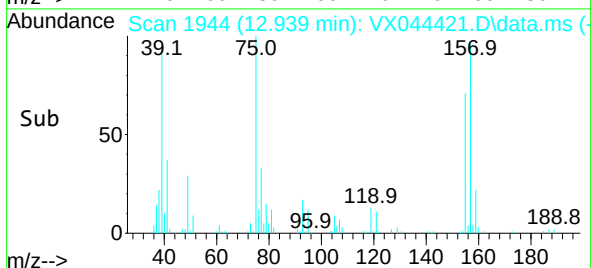
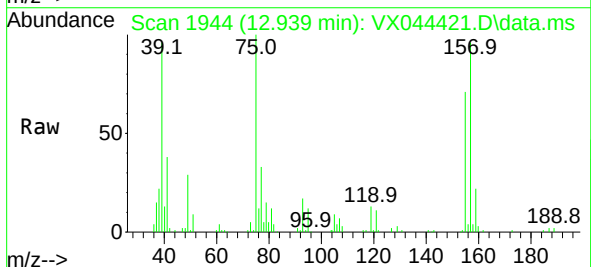


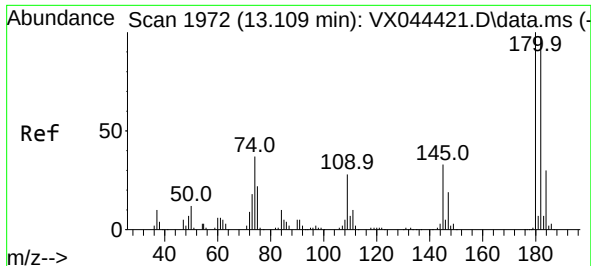
Tgt Ion:146 Resp: 156878
Ion Ratio Lower Upper
146 100
111 40.0 34.3 51.5
148 62.8 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 46.624 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

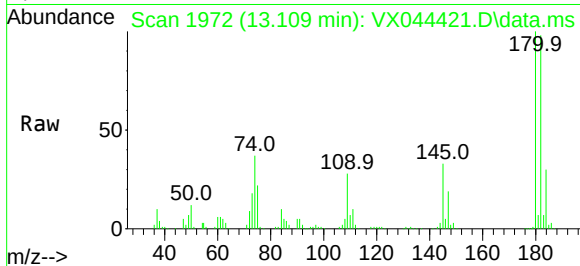
Tgt Ion: 75 Resp: 22888
Ion Ratio Lower Upper
75 100
155 71.4 60.5 90.7
157 96.4 73.5 110.3



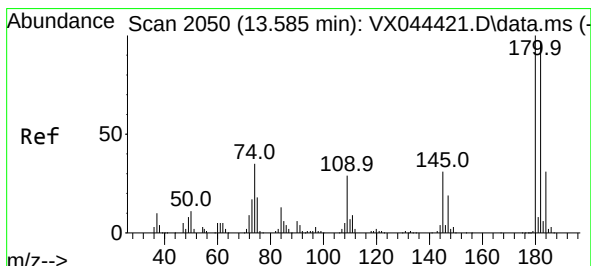
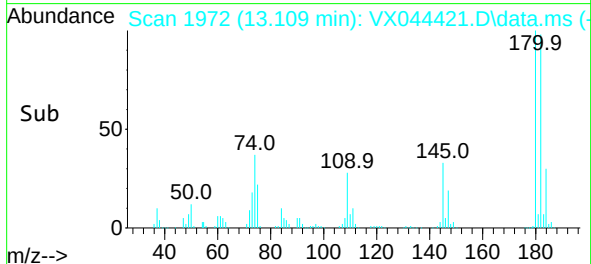
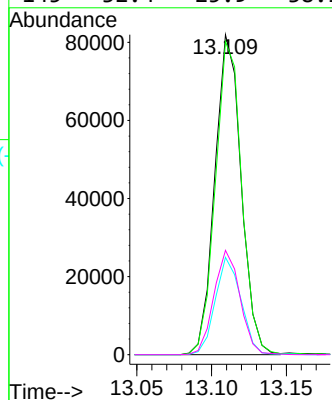


#69
 1,3,5-Trichlorobenzene
 Concen: 53.752 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX044421.D
 Acq: 19 Dec 2024 08:50

Instrument :
 MSVOA_X
 ClientSampleId :

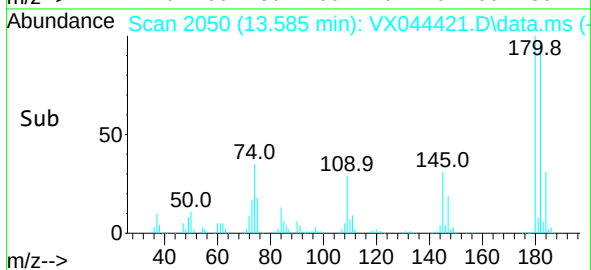
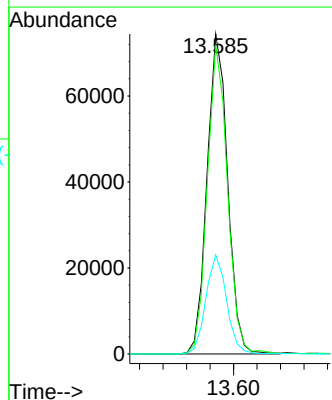
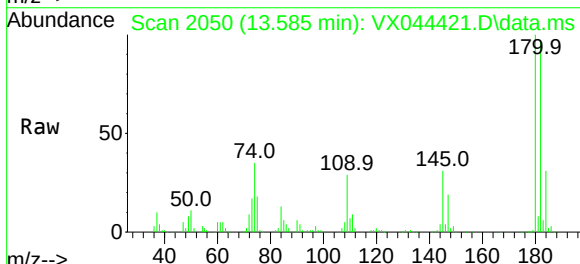


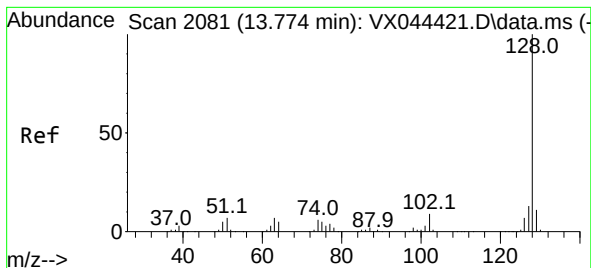
Tgt Ion:180 Resp: 100087
 Ion Ratio Lower Upper
 180 100
 182 98.1 76.7 115.1
 184 29.8 24.2 36.4
 145 32.4 25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 54.800 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX044421.D
 Acq: 19 Dec 2024 08:50

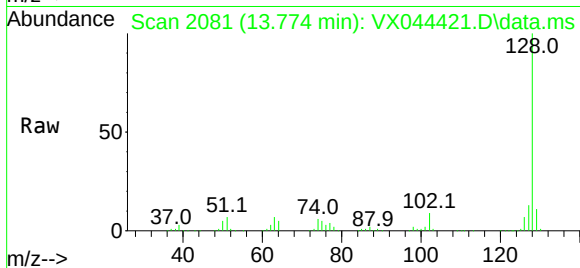
Tgt Ion:180 Resp: 90893
 Ion Ratio Lower Upper
 180 100
 182 93.5 74.1 111.1
 145 31.0 25.3 37.9



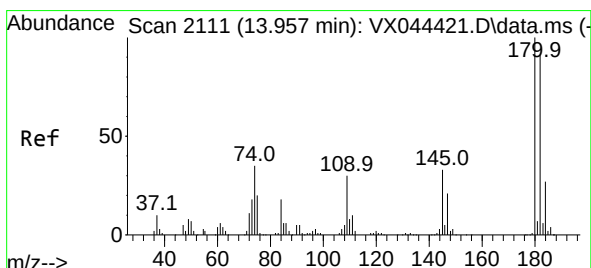
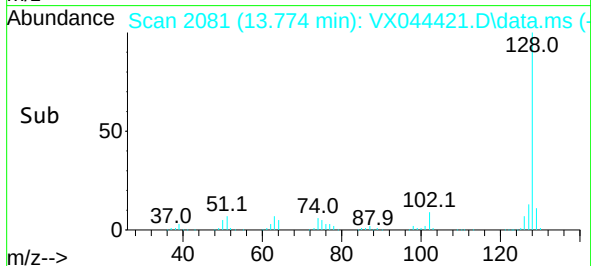
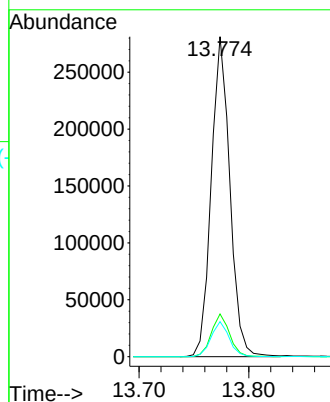


#71
Naphthalene
Concen: 49.051 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 331685
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 54.006 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044421.D
Acq: 19 Dec 2024 08:50

Tgt Ion:180 Resp: 95157
Ion Ratio Lower Upper
180 100
182 94.9 73.8 110.6
145 33.3 27.4 41.2

