

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036502.D
 Acq On : 12 Jul 2023 11:17
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:05:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:02:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	301728	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	272252	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141095	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	471529	219.088	ug/L	0.00
7) Chloroethane-d5	1.660	69	480495	203.197	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	209391	228.015	ug/L	0.00
21) 2-Butanone-d5	4.458	46	662558	440.791	ug/L	0.00
24) Chloroform-d	5.056	84	868322	222.167	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	554137	207.585	ug/L	0.00
32) Benzene-d6	5.976	84	1703469	221.010	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	545113	223.111	ug/L	0.00
41) Toluene-d8	8.653	98	1580579	214.813	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	275031	236.435	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	482552	449.050	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	699940	217.752	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	574801	214.454	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	467798	222.278	ug/L	99
3) Chloromethane	1.294	50	521214	209.478	ug/L	98
5) Vinyl chloride	1.374	62	548069	212.359	ug/L	100
6) Bromomethane	1.611	94	546367	224.050	ug/L	98
8) Chloroethane	1.678	64	403894	213.731	ug/L	99
9) Trichlorofluoromethane	1.886	101	888625	217.590	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	441150	228.069	ug/L	99
12) 1,1-Dichloroethene	2.319	96	422026	223.119	ug/L	96
13) Acetone	2.386	43	421279	369.554	ug/L	99
14) Carbon disulfide	2.514	76	1172197	231.067	ug/L	99
15) Methyl Acetate	2.703	43	478159	210.976	ug/L	100
16) Methylene chloride	2.788	84	440594	211.107	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	425256	223.214	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	1426873	215.422	ug/L	100
19) 1,1-Dichloroethane	3.611	63	800054	214.630	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	483849	217.300	ug/L	98
22) 2-Butanone	4.556	43	676369	407.983	ug/L	98
23) Bromochloromethane	4.897	128	233915	210.170	ug/L	96
25) Chloroform	5.092	83	831891	212.509	ug/L	97
27) 1,2-Dichloroethane	6.086	62	649950	209.895	ug/L	97
29) Cyclohexane	5.470	56	685292	227.642	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	710739	224.632	ug/L	99
31) Carbon tetrachloride	5.678	117	622975	234.941	ug/L	100
33) Benzene	6.043	78	1707031	214.731	ug/L	100
34) Trichloroethene	7.123	95	480862	221.775	ug/L	98
35) Methylcyclohexane	7.385	83	729063	230.873	ug/L	99
37) 1,2-Dichloropropane	7.433	63	474470	217.087	ug/L	100
38) Bromodichloromethane	7.824	83	620062	227.514	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	792649	230.165	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	1310267	430.112	ug/L	100
42) Toluene	8.720	91	1817304	214.874	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	739812	233.294	ug/L	99

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

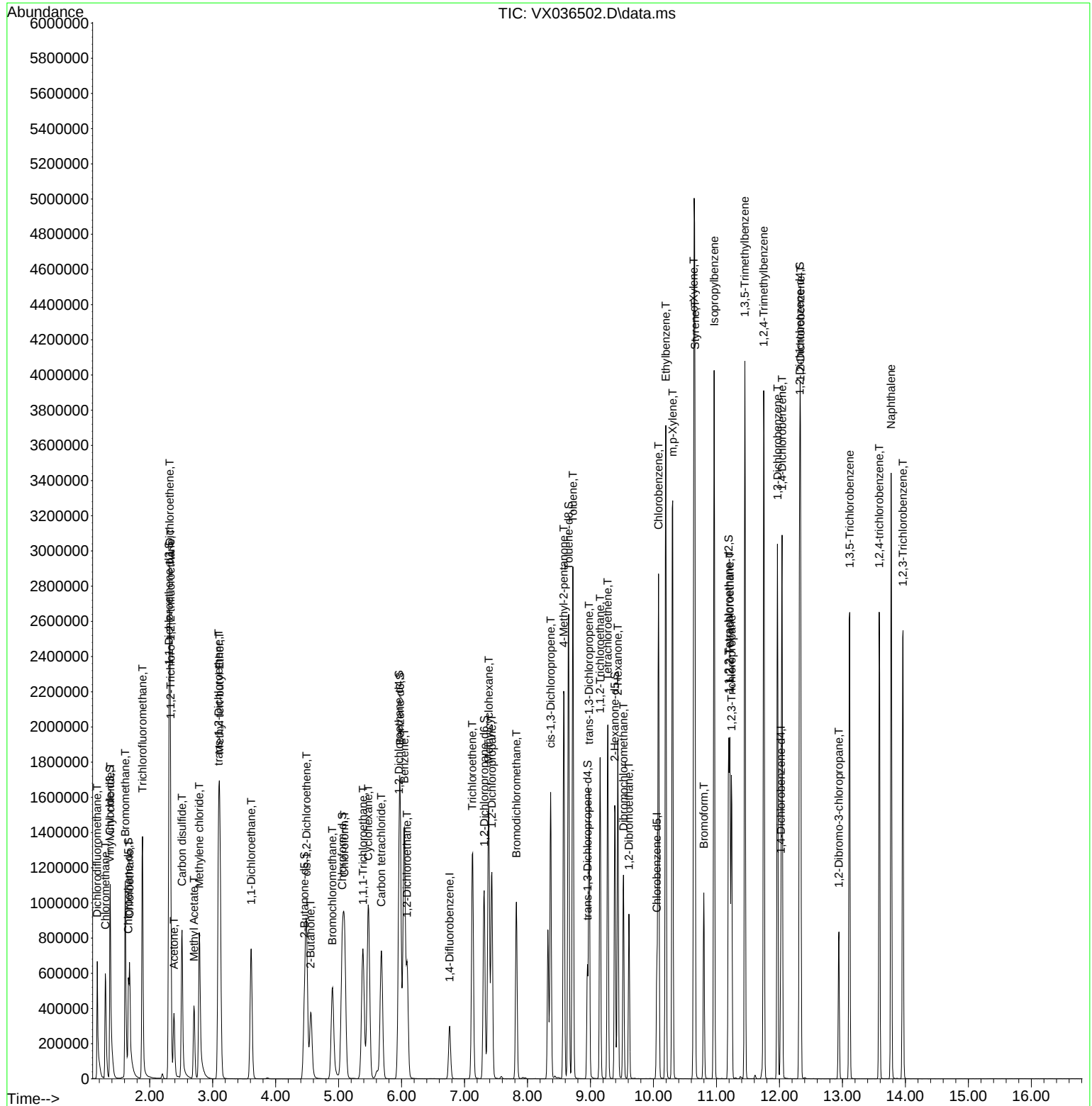
45) 1,1,2-Trichloroethane	9.153	97	444849	214.150	ug/L	99
46) Tetrachloroethene	9.275	164	340910	221.286	ug/L	97
48) 2-Hexanone	9.433	43	987248	414.696	ug/L	98
49) Dibromochloromethane	9.525	129	483693	231.942	ug/L	98
50) 1,2-Dibromoethane	9.610	107	484701	217.682	ug/L	99
51) Chlorobenzene	10.079	112	1172290	213.188	ug/L	97
52) Ethylbenzene	10.195	91	2021100	217.147	ug/L	98
53) m,p-Xylene	10.305	106	783809	220.702	ug/L	97
54) o-Xylene	10.640	106	774691	219.950	ug/L	98
55) Styrene	10.659	104	1292990	220.206	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	687769	213.144	ug/L	98
59) Bromoform	10.799	173	345946	224.323	ug/L	98
60) Isopropylbenzene	10.963	105	1996220	210.467	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	539067	202.383	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1683863	212.416	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1673484	210.465	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	903983	213.038	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	909150	212.214	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	889782	211.347	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	159806	225.150	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	618709	219.743	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	582896	219.442	ug/L	99
71) Naphthalene	13.774	128	1973486	217.753	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	572651	221.266	ug/L	98

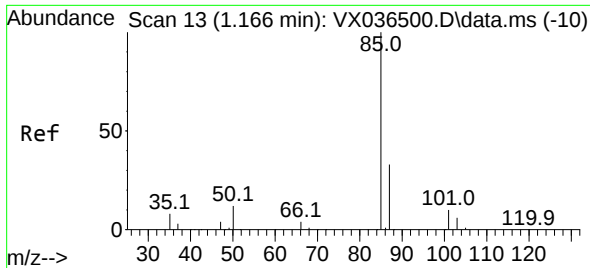
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ALS Vial  : 6   Sample Multiplier: 1
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ClientSampleId :

Quant Time: Jul 13 01:05:18 2023
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Quant Title : VOC Analysis
QLast Update : Thu Jul 13 01:02:46 2023
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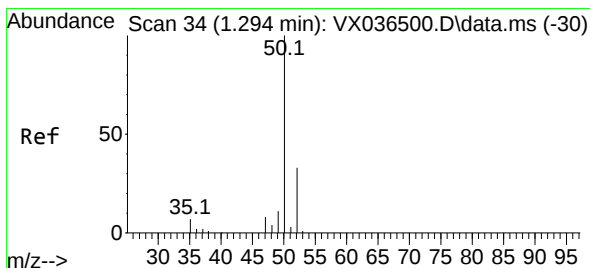
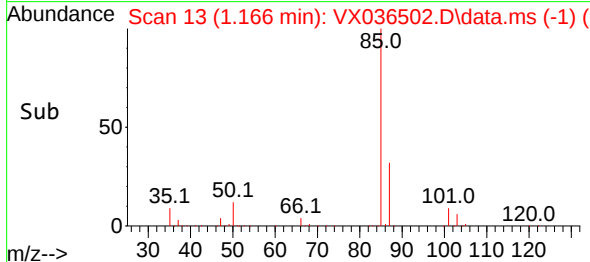
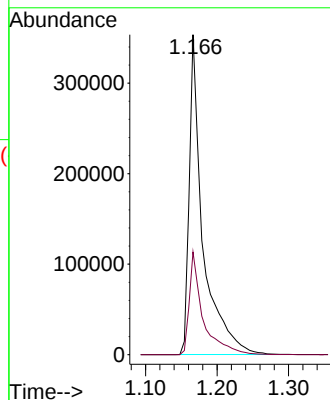
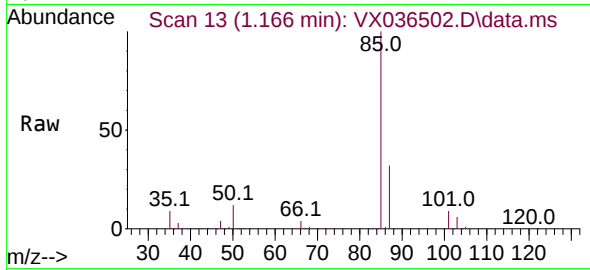




#2
 Dichlorodifluoromethane
 Concen: 222.278 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036502.D
 Acq: 12 Jul 2023 11:17

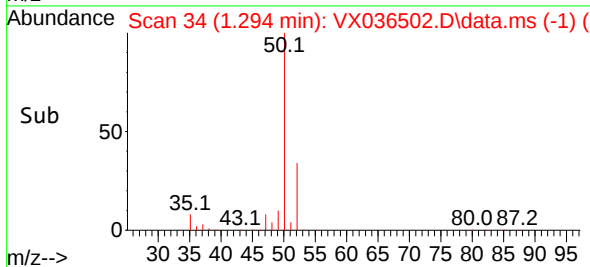
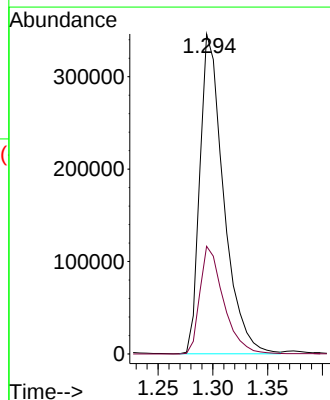
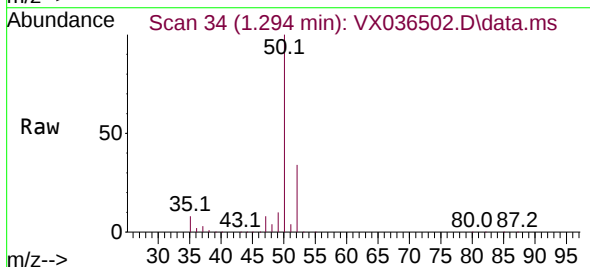
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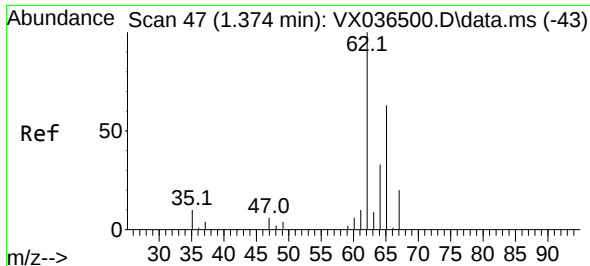
Tgt Ion: 85 Resp: 467798
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.3 39.5



#3
 Chloromethane
 Concen: 209.478 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036502.D
 Acq: 12 Jul 2023 11:17

Tgt Ion: 50 Resp: 521214
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.8 42.4

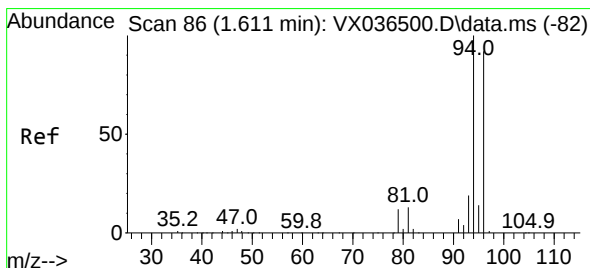
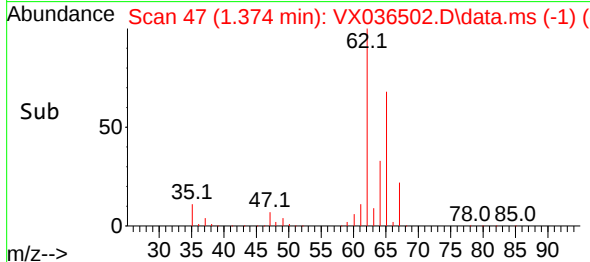
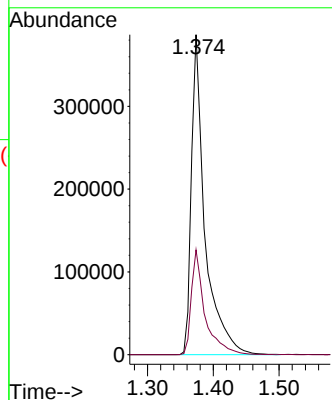
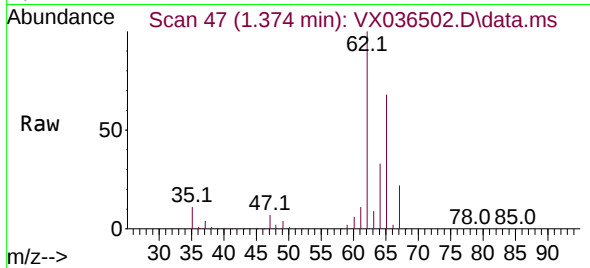




#5
 Vinyl chloride
 Concen: 212.359 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036502.D
 Acq: 12 Jul 2023 11:17

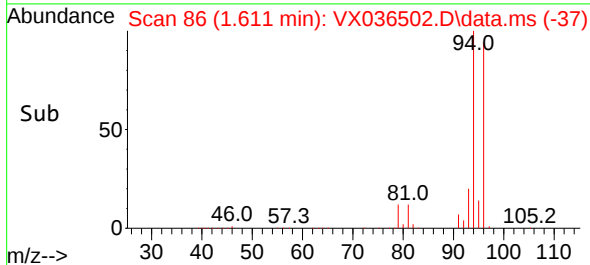
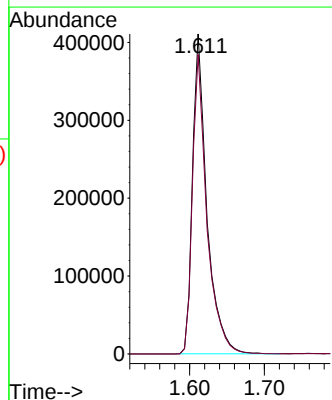
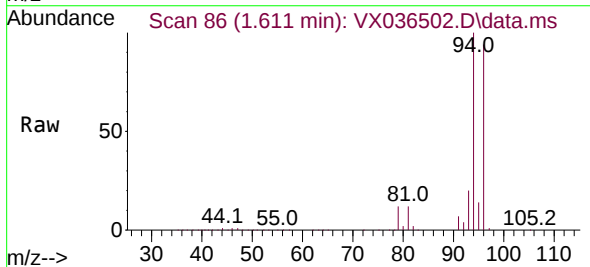
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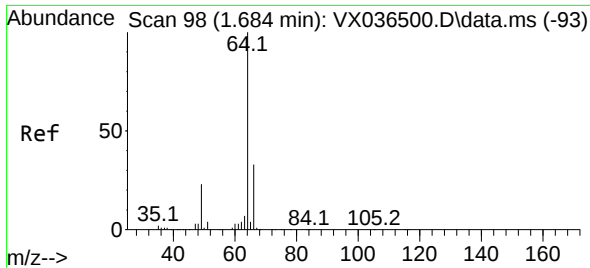
Tgt Ion: 62 Resp: 548069
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.8 42.4



#6
 Bromomethane
 Concen: 224.050 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX036502.D
 Acq: 12 Jul 2023 11:17

Tgt Ion: 94 Resp: 546367
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.5 119.7

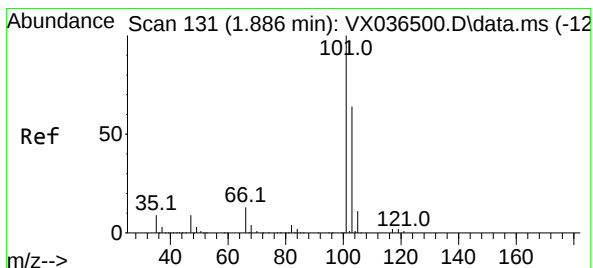
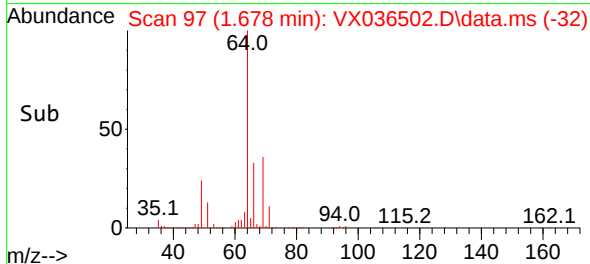
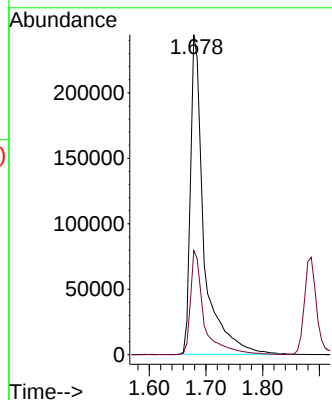
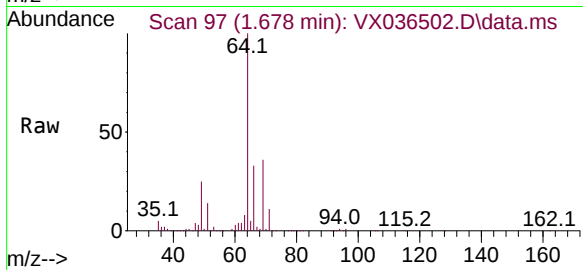




#8
Chloroethane
Concen: 213.731 ug/L
RT: 1.678 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

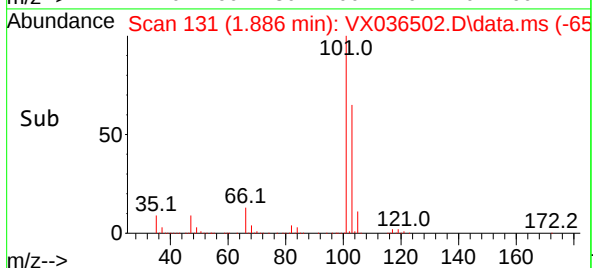
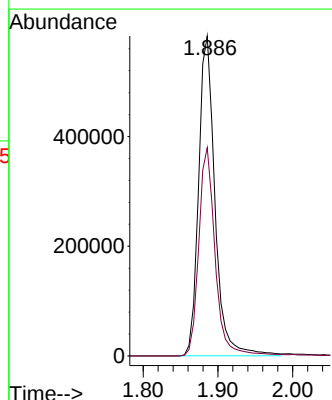
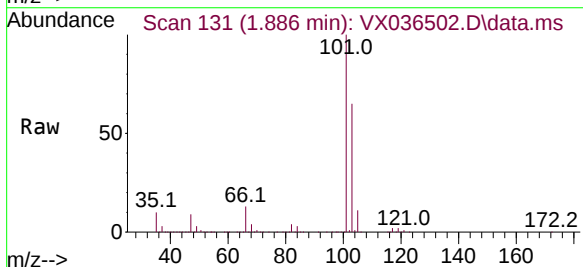
Instrument :
MSVOA_X
ClientSampleId :

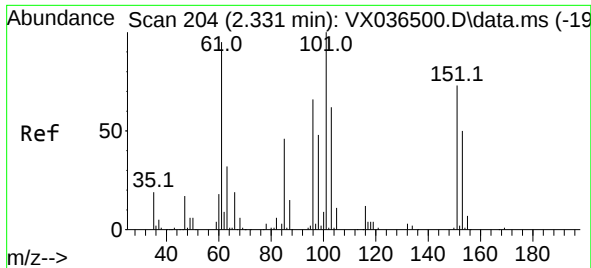
Tgt Ion: 64 Resp: 403894
Ion Ratio Lower Upper
64 100
66 32.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 217.590 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion:101 Resp: 888625
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

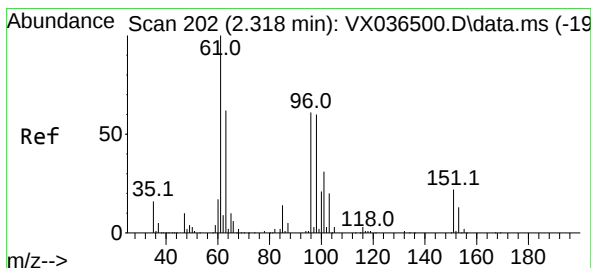
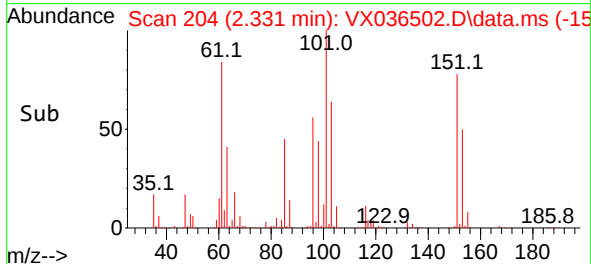
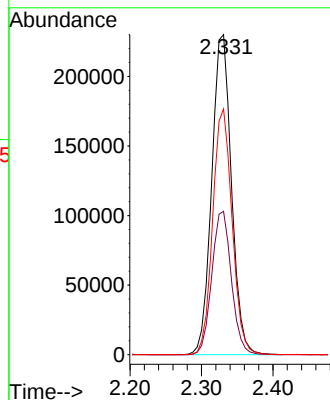
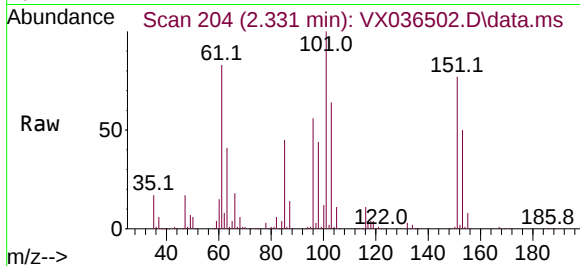




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 228.069 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

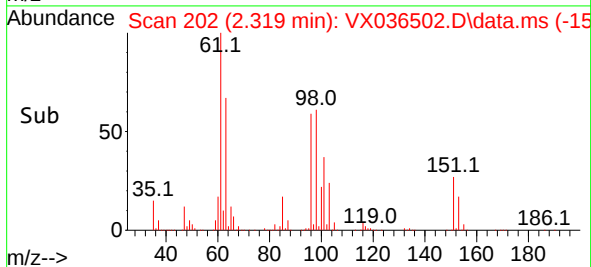
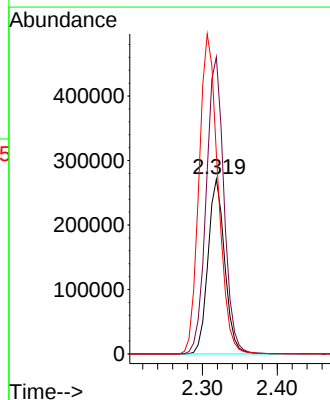
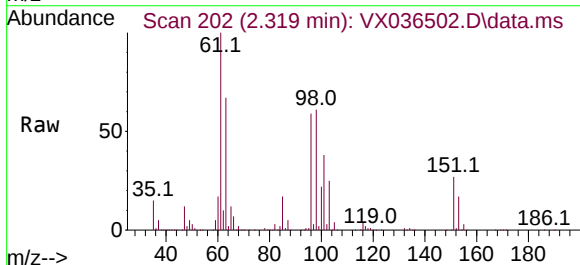
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ClientSampleId :

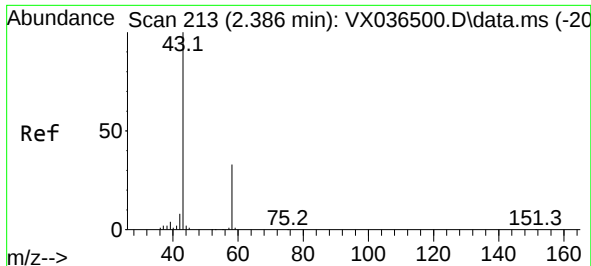
Tgt Ion:101 Resp: 441150
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.8
151 75.6 59.8 89.6



#12
1,1-Dichloroethene
Concen: 223.119 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 96 Resp: 422026
Ion Ratio Lower Upper
96 100
61 169.9 115.3 214.1
63 114.5 76.3 141.7

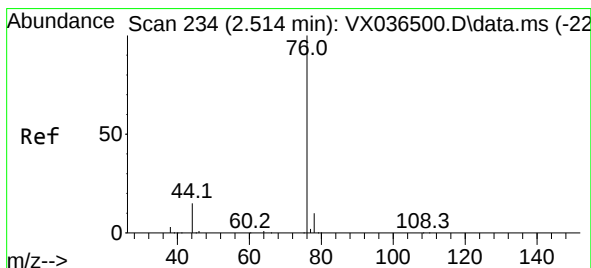
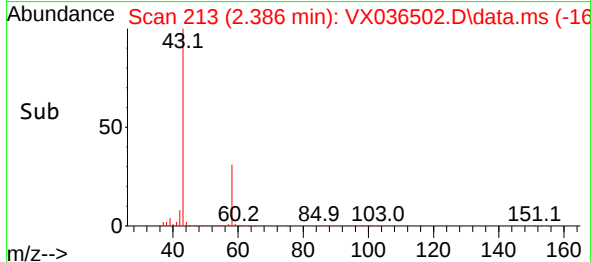
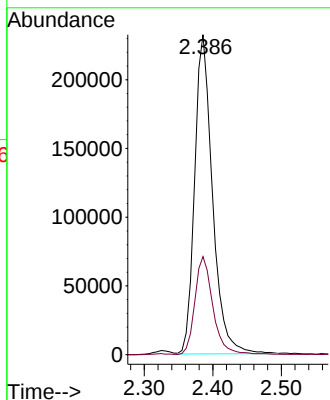
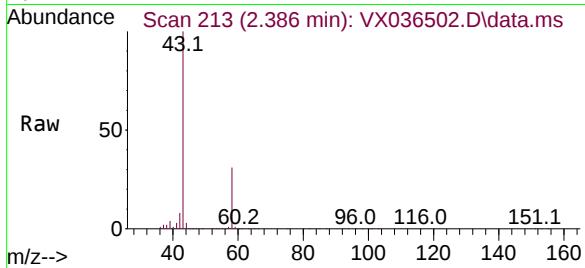




#13
Acetone
Concen: 369.554 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

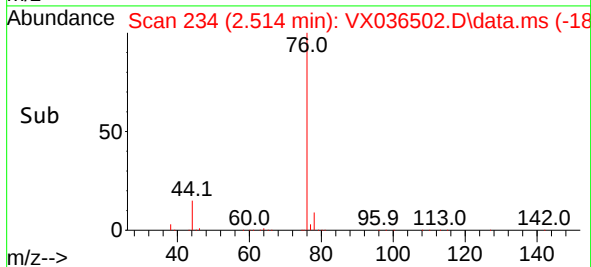
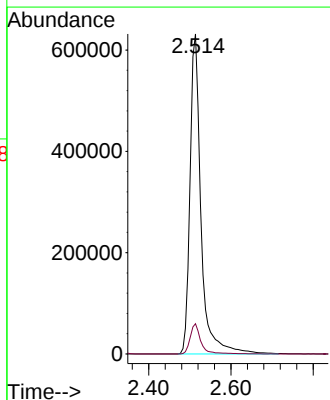
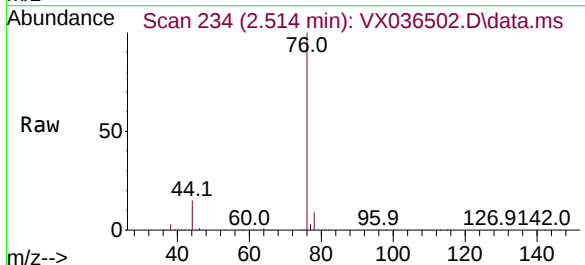
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MSVOA_X
ClientSampleId :

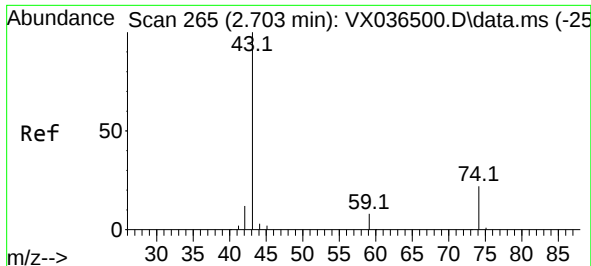
Tgt Ion: 43 Resp: 421279
Ion Ratio Lower Upper
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58 30.8 0.0 62.6



#14
Carbon disulfide
Concen: 231.067 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 76 Resp: 1172197
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6

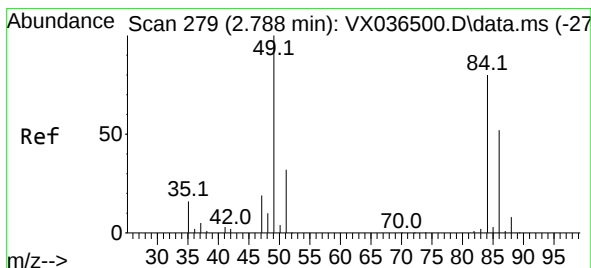
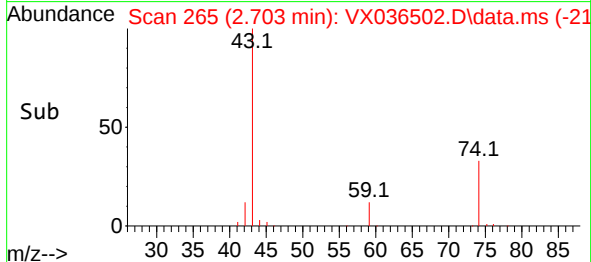
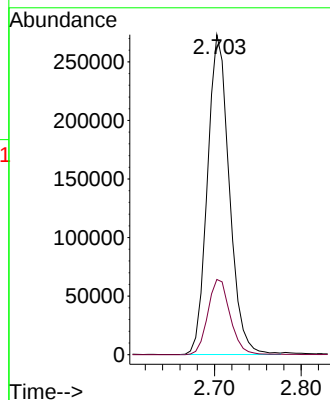
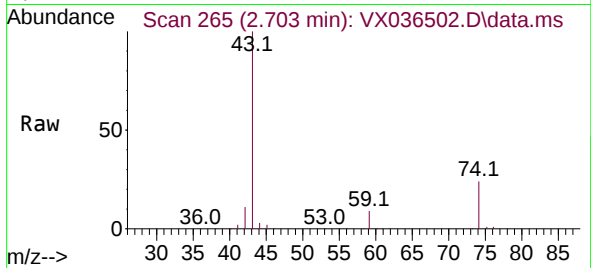




#15
Methyl Acetate
Concen: 210.976 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

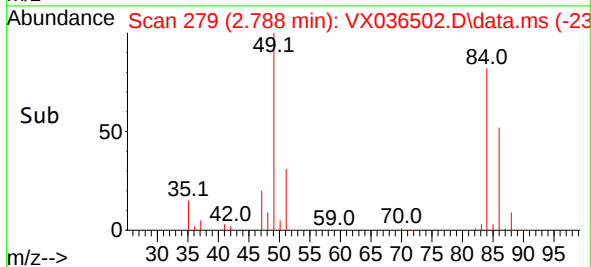
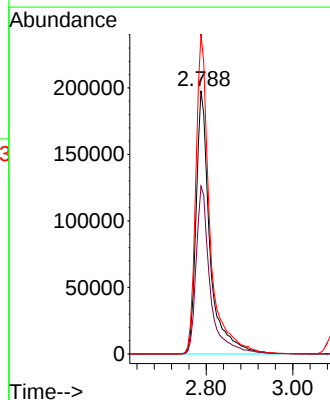
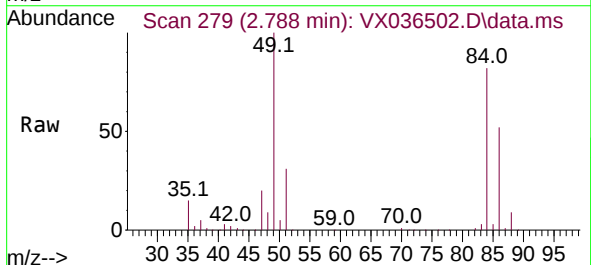
Instrument :
MSVOA_X
ClientSampleId :

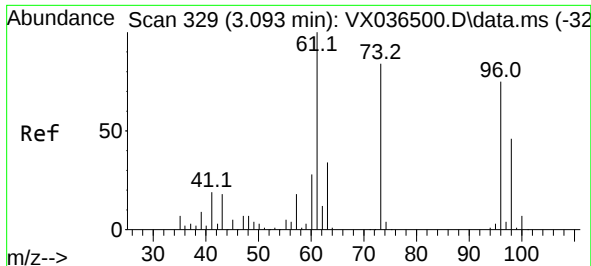
Tgt Ion: 43 Resp: 478159
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.0



#16
Methylene chloride
Concen: 211.107 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

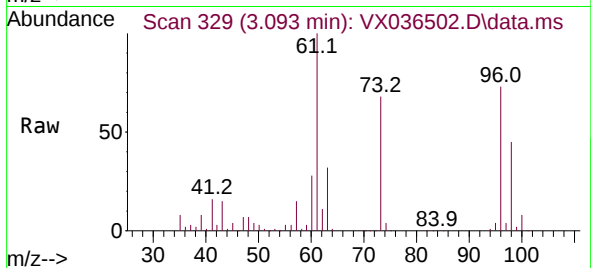
Tgt Ion: 84 Resp: 440594
Ion Ratio Lower Upper
84 100
86 63.7 45.9 85.3
49 121.6 87.6 162.8



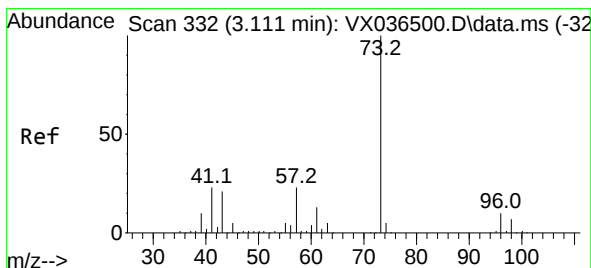
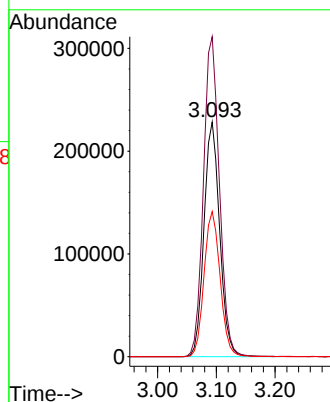
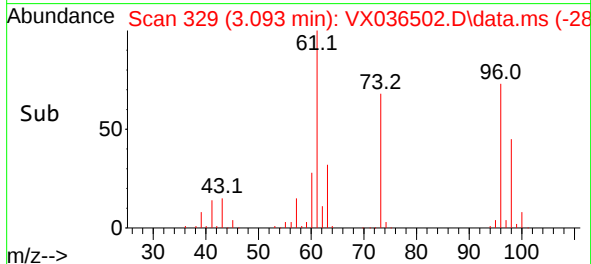


#17
trans-1,2-Dichloroethene
Concen: 223.214 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :

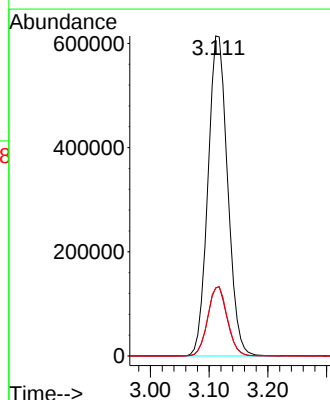
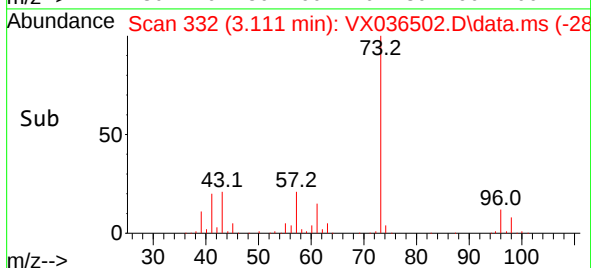
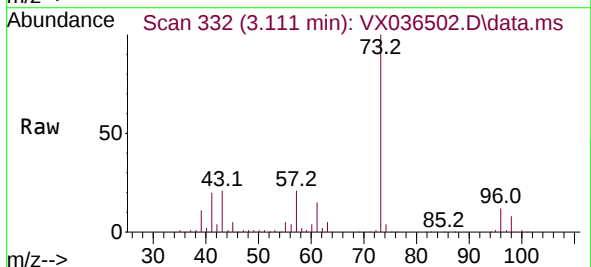


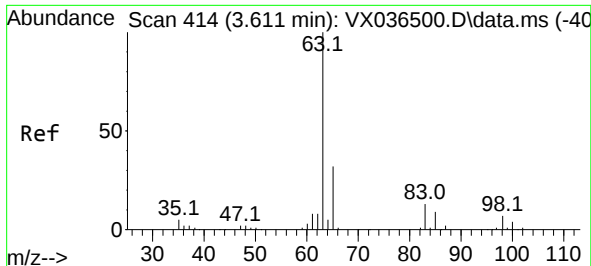
Tgt Ion: 96 Resp: 425256
Ion Ratio Lower Upper
96 100
61 136.3 93.7 174.1
98 61.9 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 215.422 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 73 Resp: 1426873
Ion Ratio Lower Upper
73 100
43 21.4 17.0 25.6
57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 214.630 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

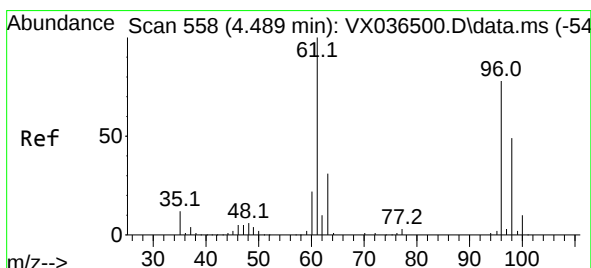
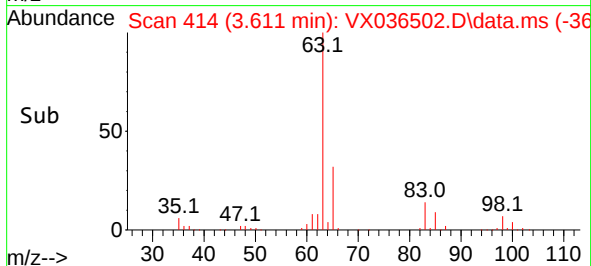
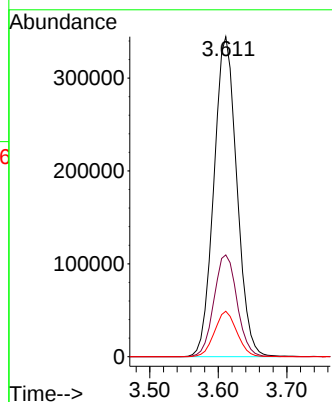
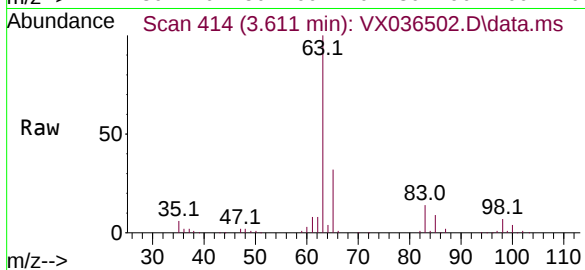
Tgt Ion: 63 Resp: 800054

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 14.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 217.300 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

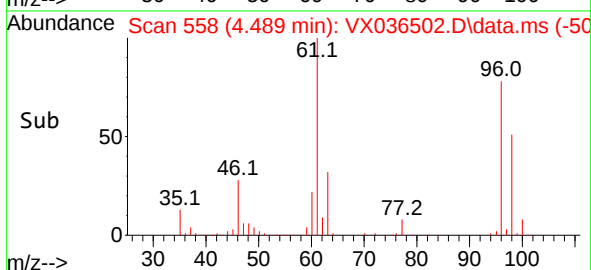
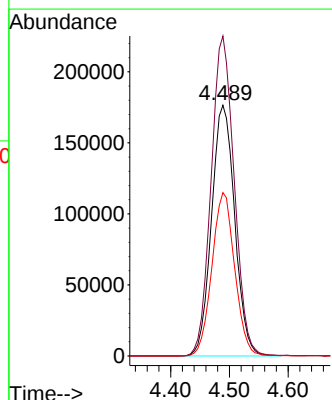
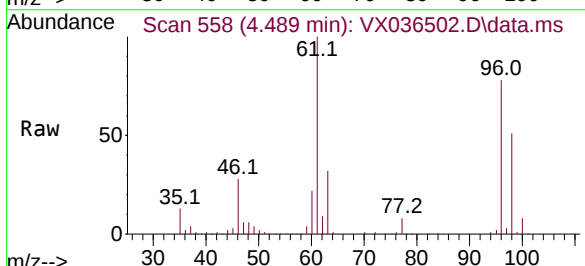
Tgt Ion: 96 Resp: 483849

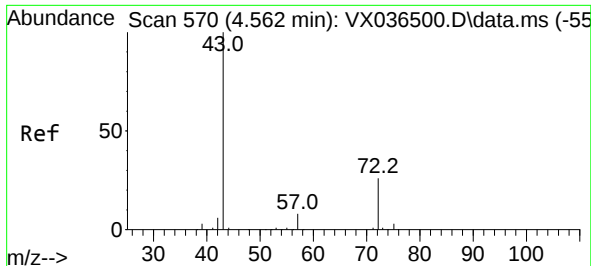
Ion Ratio Lower Upper

96 100

61 127.6 90.1 167.3

98 65.1 44.1 81.9

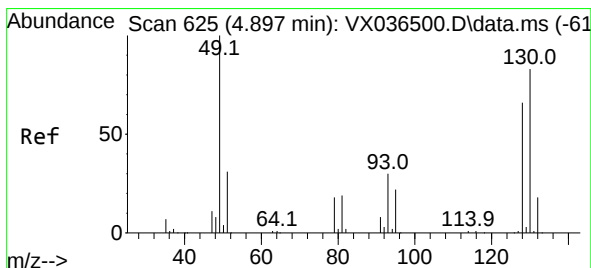
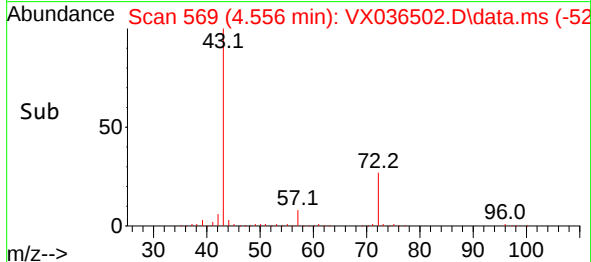
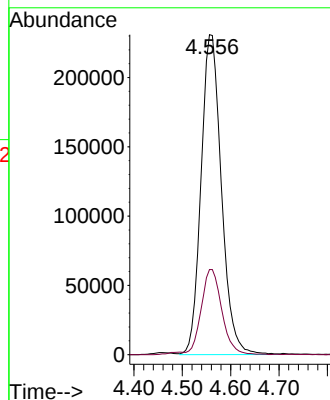
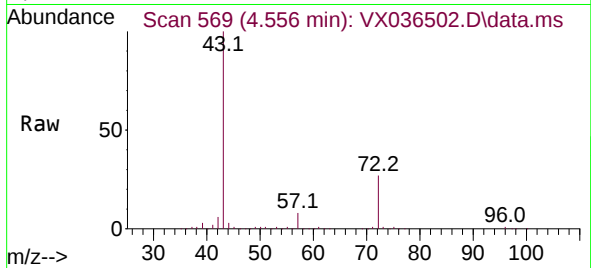




#22
2-Butanone
Concen: 407.983 ug/L
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

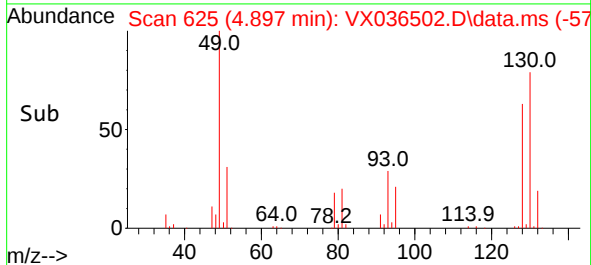
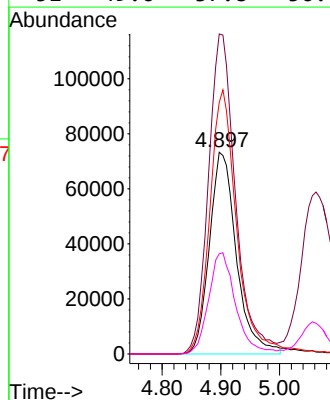
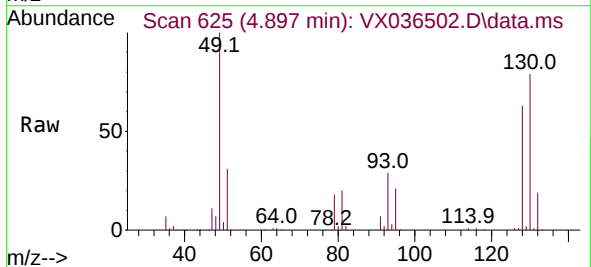
Instrument :
MSVOA_X
ClientSampleId :

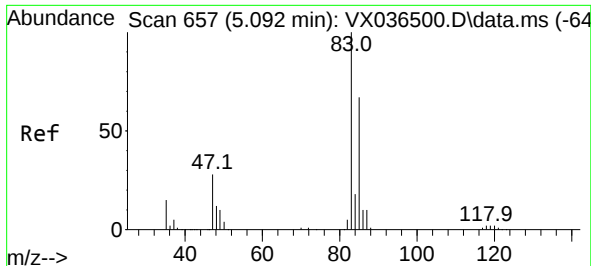
Tgt Ion: 43 Resp: 676369
Ion Ratio Lower Upper
43 100
72 26.4 13.8 41.3



#23
Bromochloromethane
Concen: 210.170 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion:128 Resp: 233915
Ion Ratio Lower Upper
128 100
49 158.5 105.8 196.4
130 124.6 88.1 163.7
51 49.6 37.8 56.6

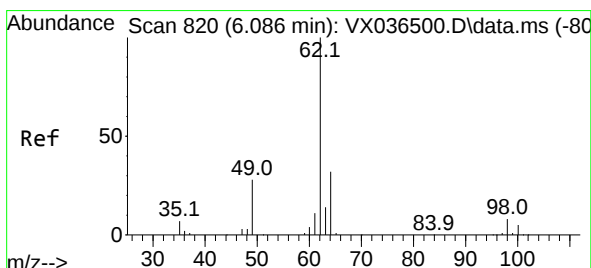
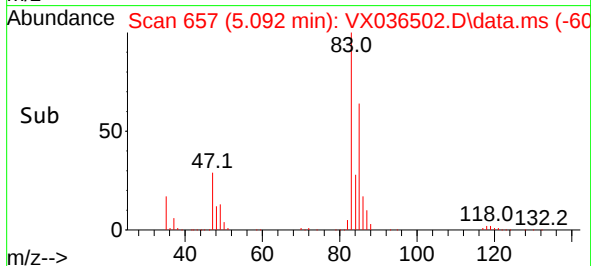
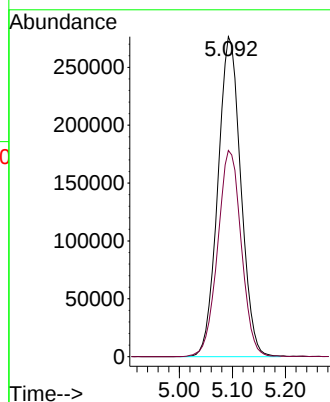
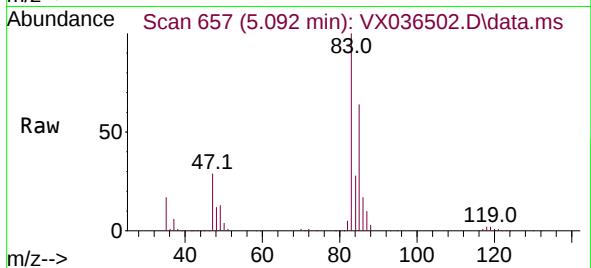




#25
Chloroform
Concen: 212.509 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

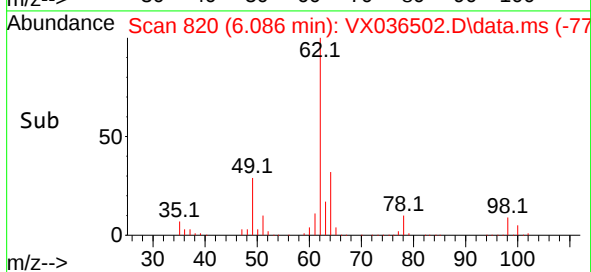
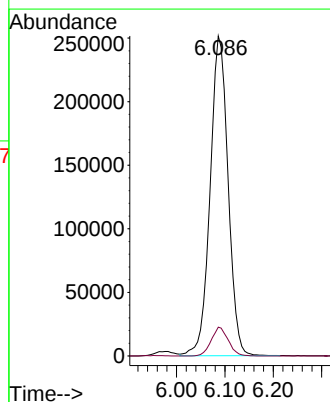
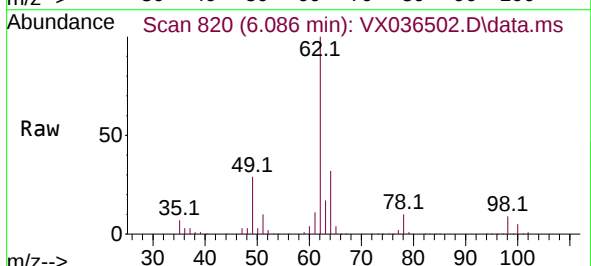
Instrument :
MSVOA_X
ClientSampleId :

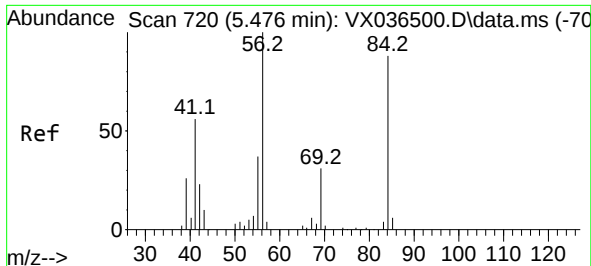
Tgt Ion: 83 Resp: 831891
Ion Ratio Lower Upper
83 100
85 64.4 46.8 87.0



#27
1,2-Dichloroethane
Concen: 209.895 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

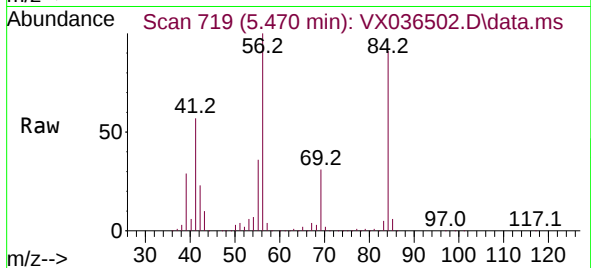
Tgt Ion: 62 Resp: 649950
Ion Ratio Lower Upper
62 100
98 9.0 6.5 9.7



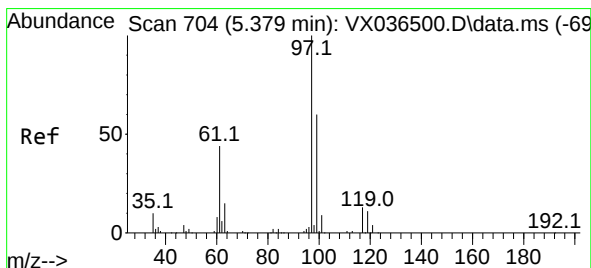
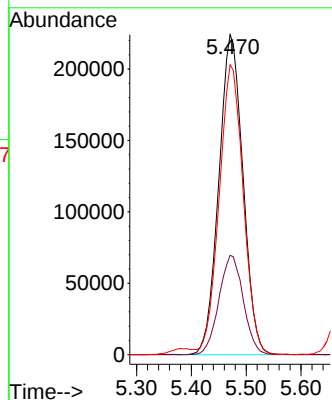
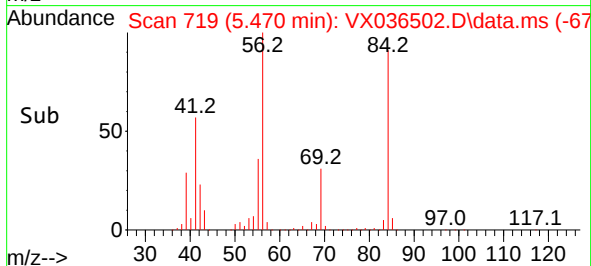


#29
Cyclohexane
Concen: 227.642 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :

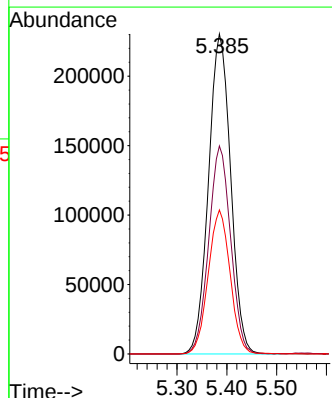
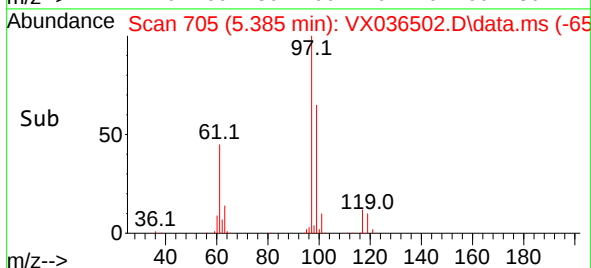
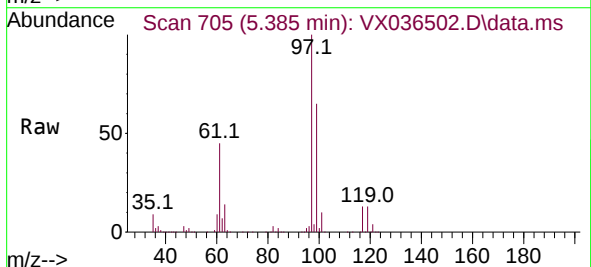


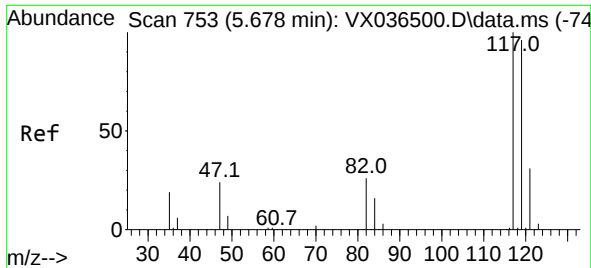
Tgt Ion: 56 Resp: 685292
Ion Ratio Lower Upper
56 100
69 31.3 25.3 37.9
84 90.3 73.0 109.4



#30
1,1,1-Trichloroethane
Concen: 224.632 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

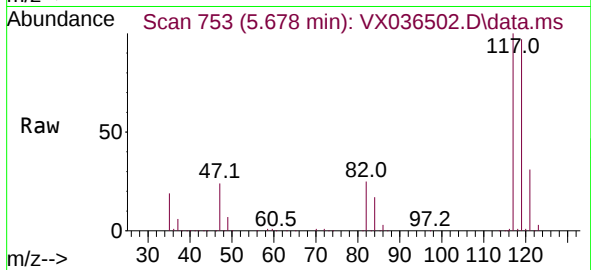
Tgt Ion: 97 Resp: 710739
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 44.4 34.7 52.1



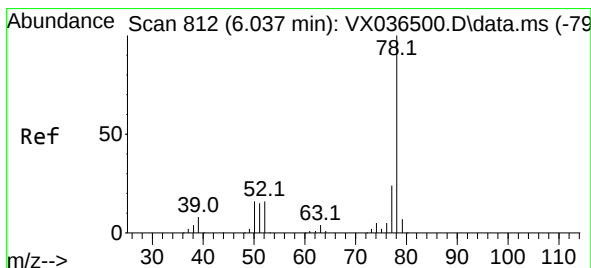
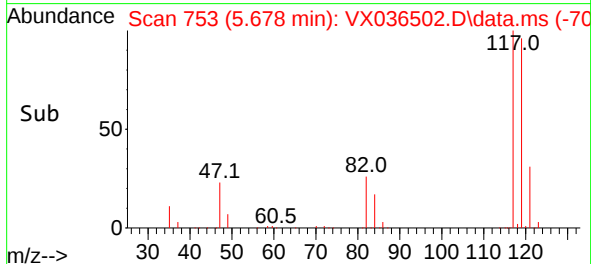
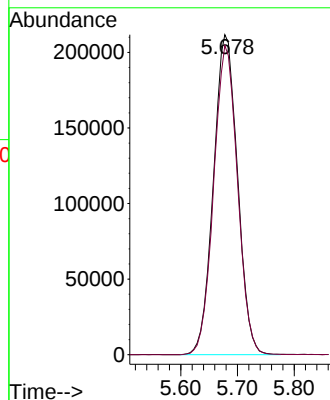


#31
Carbon tetrachloride
Concen: 234.941 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :

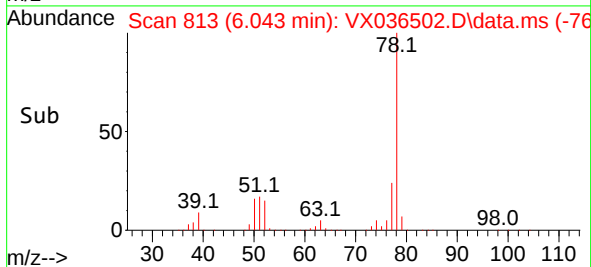
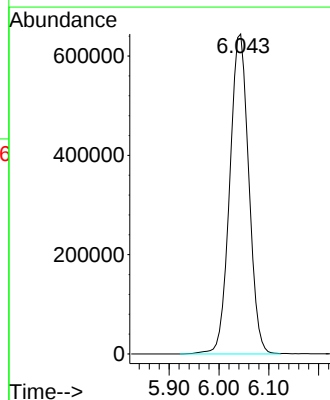
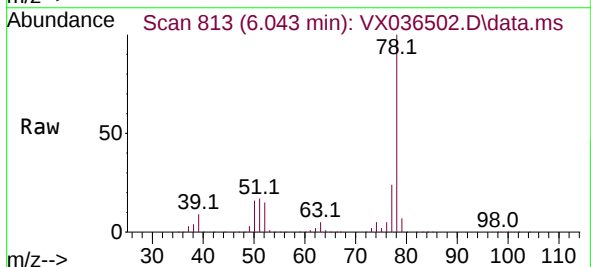


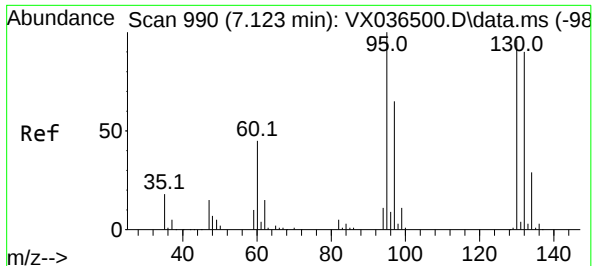
Tgt Ion:117 Resp: 622975
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 214.731 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

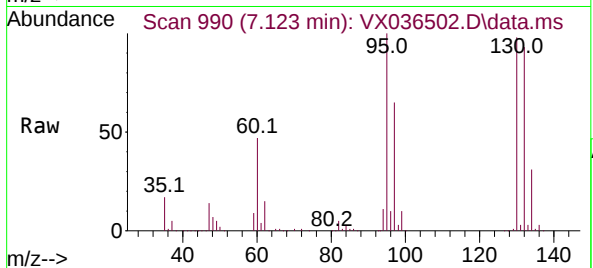
Tgt Ion: 78 Resp: 1707031



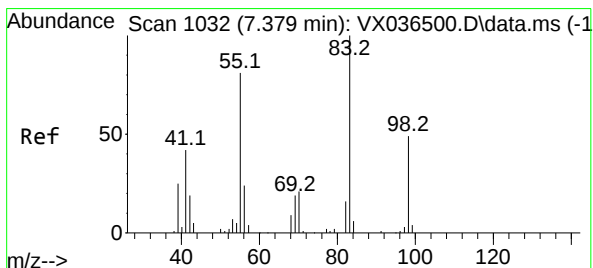
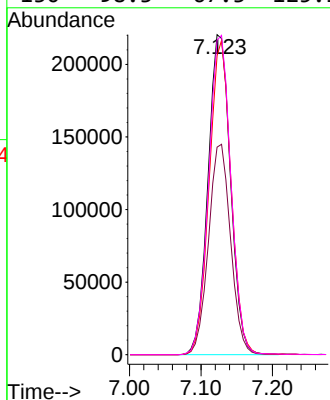


#34
Trichloroethene
Concen: 221.775 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :

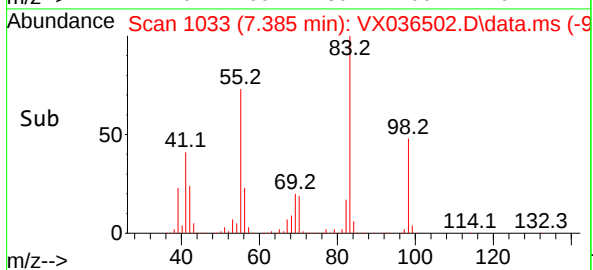
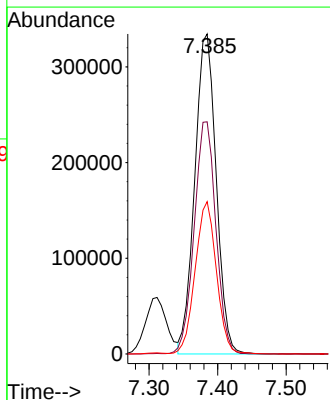
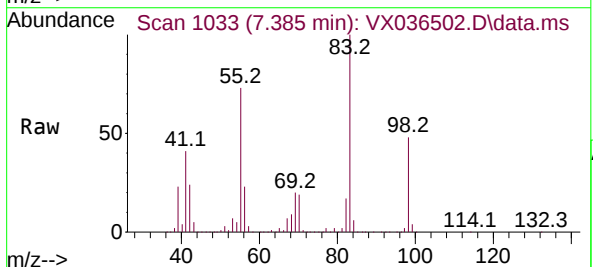


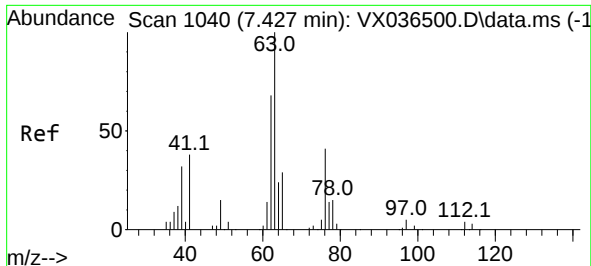
Tgt Ion:	95	Resp:	480862
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.3	84.1
132	93.4	63.0	117.0
130	98.3	67.3	125.1



#35
Methylcyclohexane
Concen: 230.873 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion:	83	Resp:	729063
Ion	Ratio	Lower	Upper
83	100		
55	73.2	59.0	88.4
98	47.2	37.5	56.3





#37

1,2-Dichloropropane

Concen: 217.087 ug/L

RT: 7.433 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_X

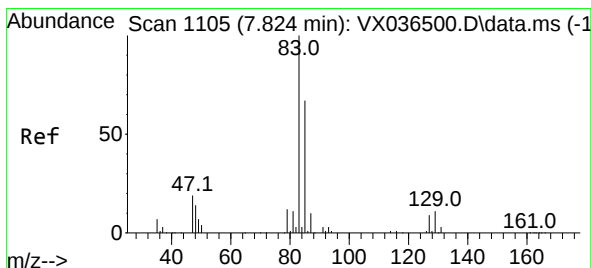
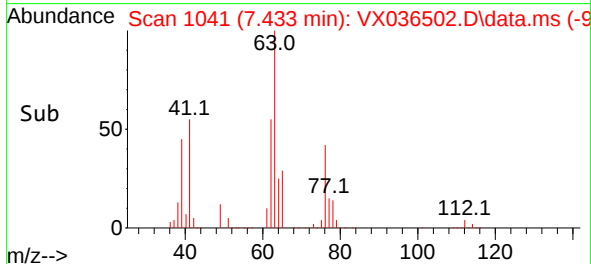
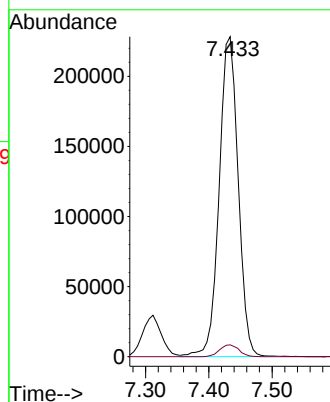
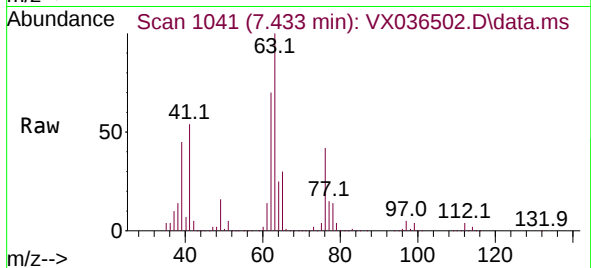
ClientSampleId :

Tgt Ion: 63 Resp: 474470

Ion Ratio Lower Upper

63 100

112 3.8 3.1 4.7



#38

Bromodichloromethane

Concen: 227.514 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

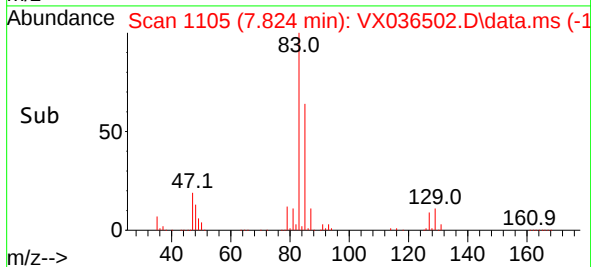
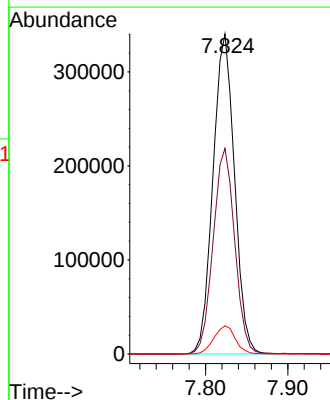
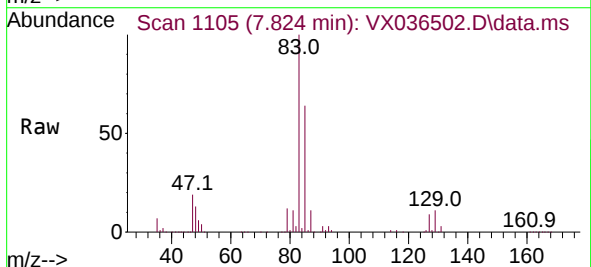
Tgt Ion: 83 Resp: 620062

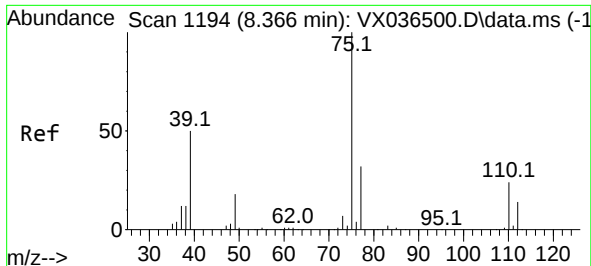
Ion Ratio Lower Upper

83 100

85 64.3 46.9 87.1

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 230.165 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_X

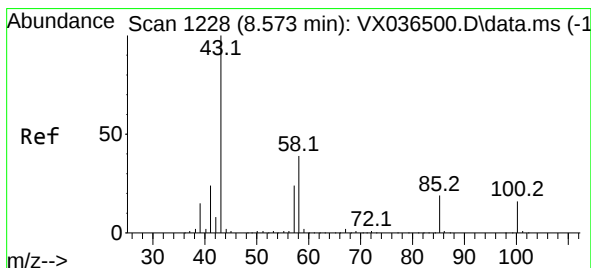
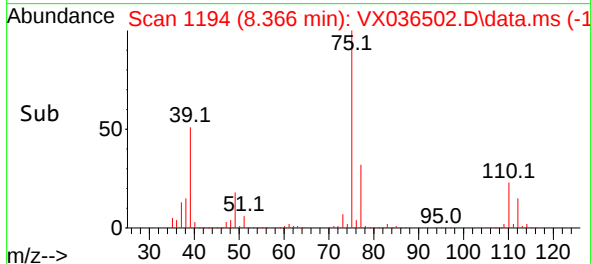
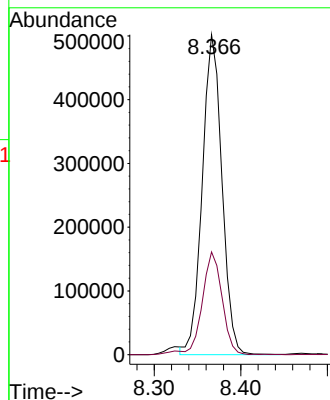
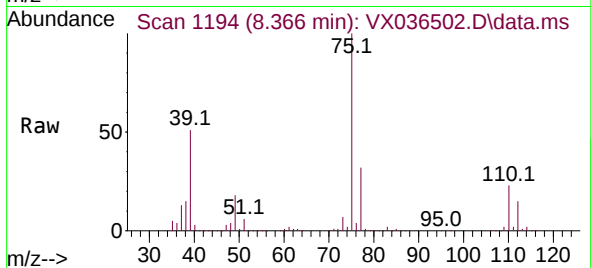
ClientSampleId :

Tgt Ion: 75 Resp: 792649

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 430.112 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

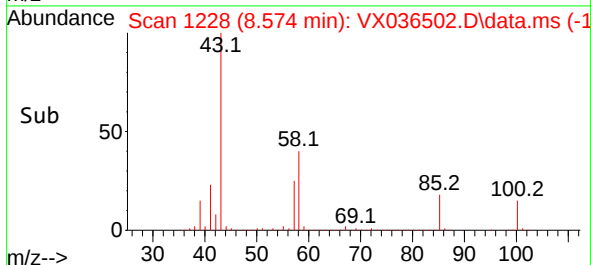
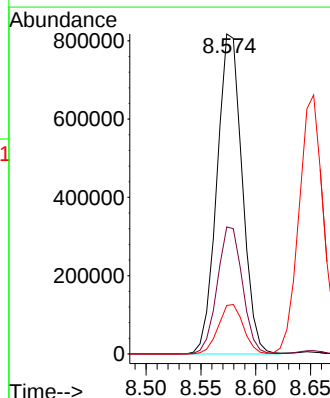
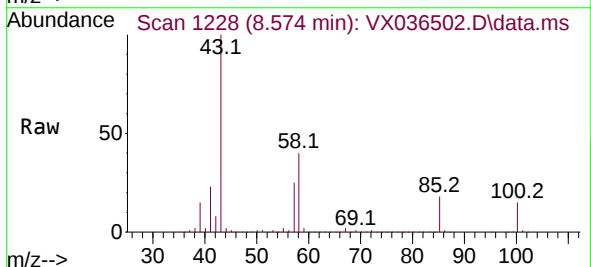
Tgt Ion: 43 Resp: 1310267

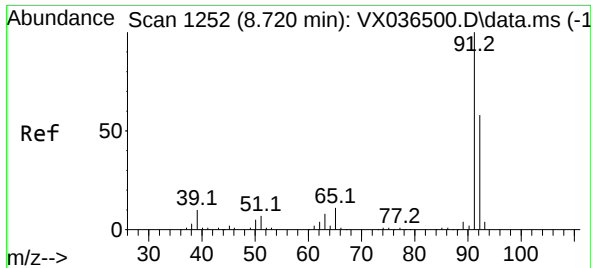
Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.0

100 15.4 12.3 18.5





#42

Toluene

Concen: 214.874 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_X

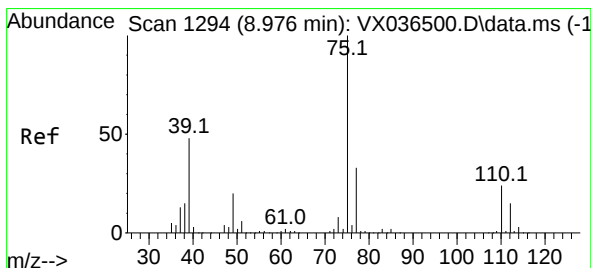
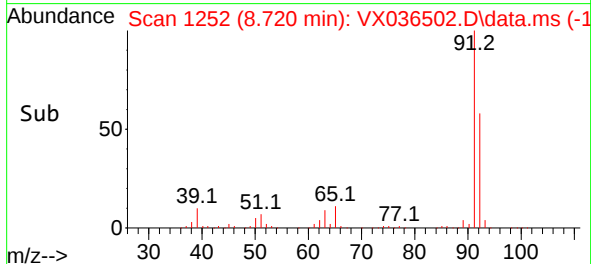
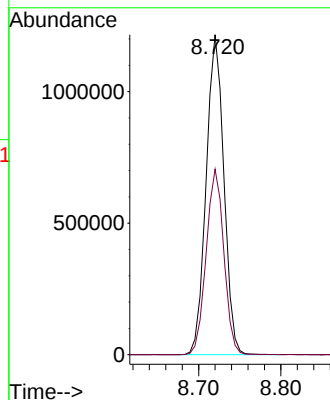
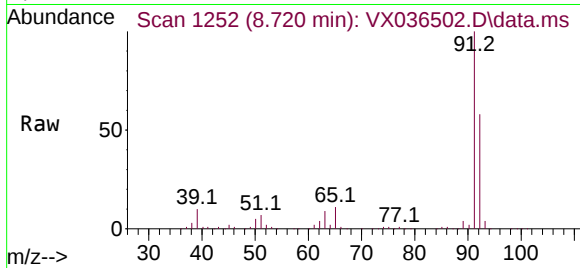
ClientSampleId :

Tgt Ion: 91 Resp: 1817304

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 233.294 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036502.D

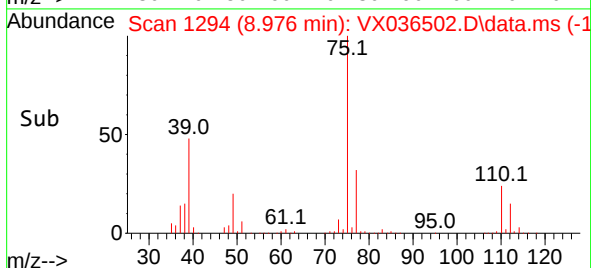
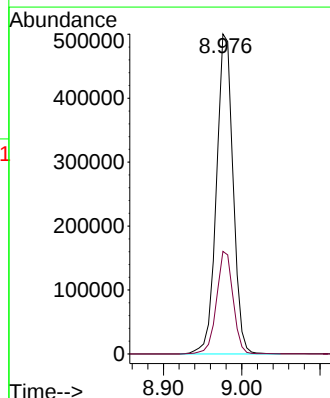
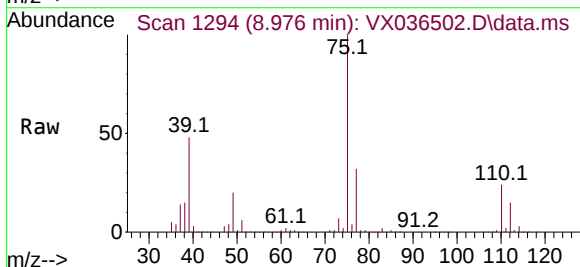
Acq: 12 Jul 2023 11:17

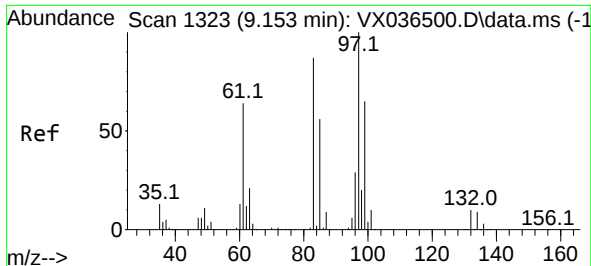
Tgt Ion: 75 Resp: 739812

Ion Ratio Lower Upper

75 100

77 32.0 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 214.150 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 444849

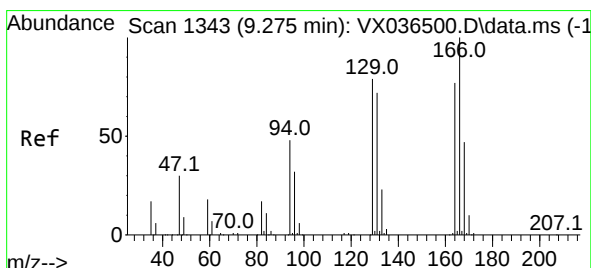
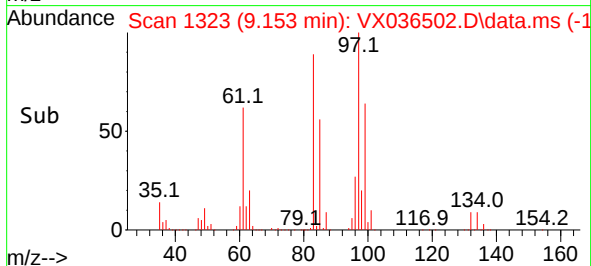
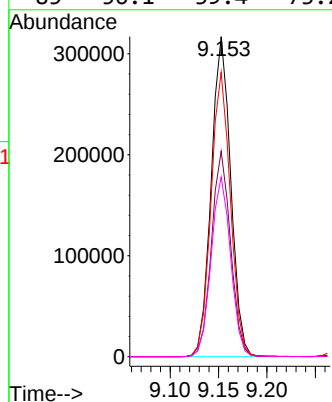
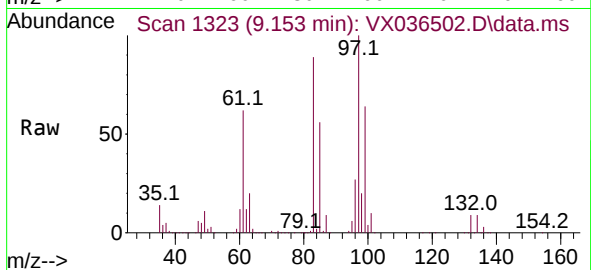
Ion Ratio Lower Upper

97 100

99 64.2 45.1 83.9

83 88.9 60.6 112.6

85 56.1 39.4 73.2



#46

Tetrachloroethene

Concen: 221.286 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Tgt Ion:164 Resp: 340910

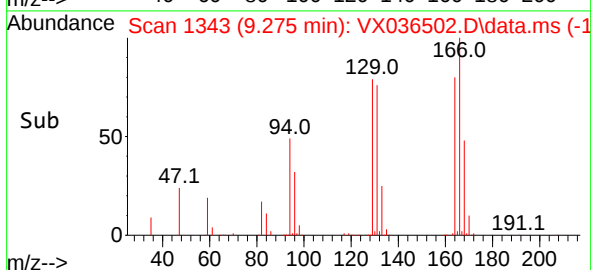
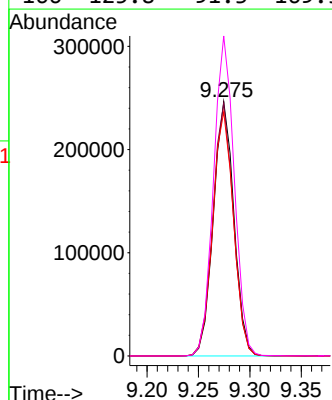
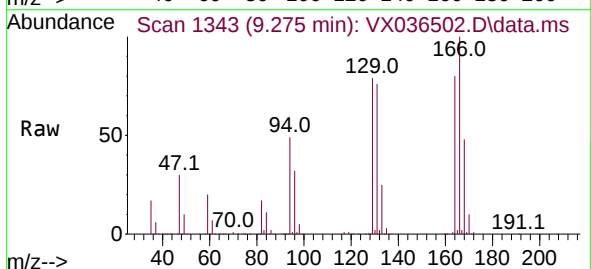
Ion Ratio Lower Upper

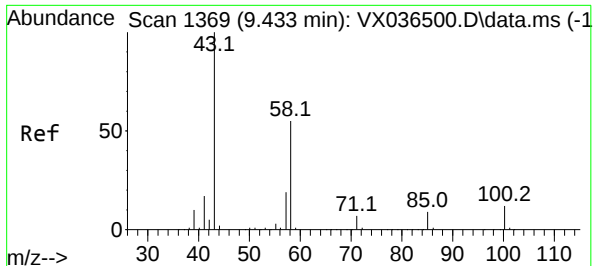
164 100

129 99.4 72.0 133.8

131 96.0 65.7 121.9

166 125.8 91.3 169.5

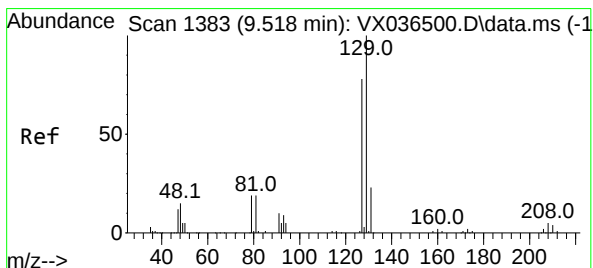
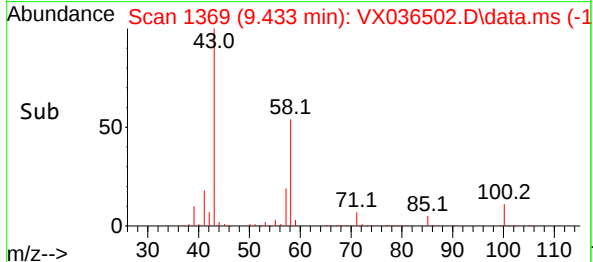
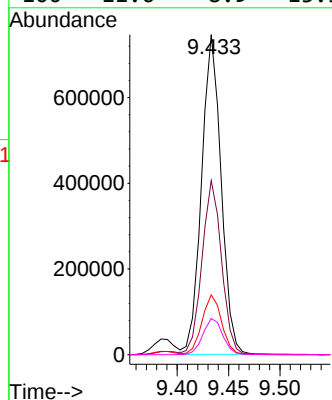
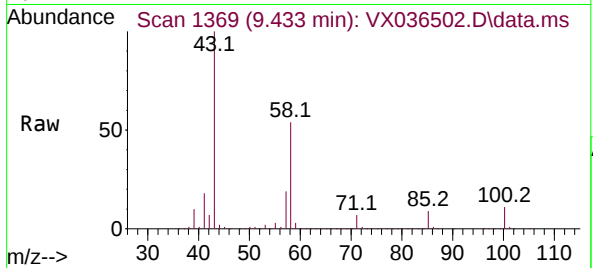




#48
2-Hexanone
Concen: 414.696 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

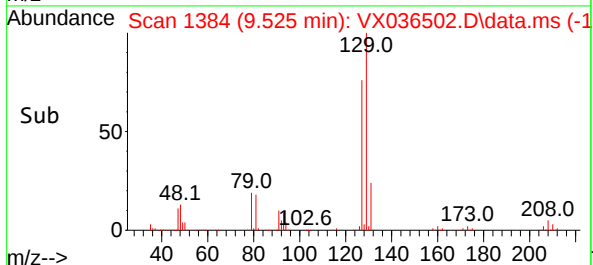
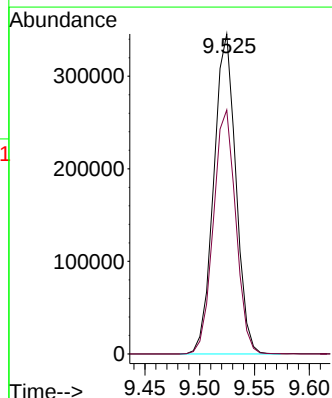
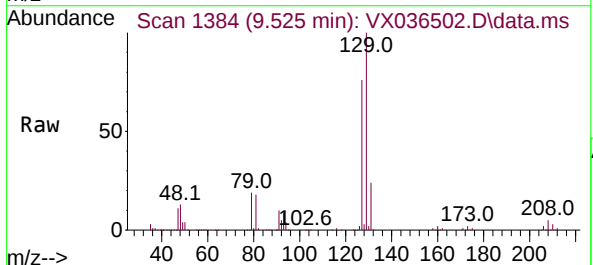
Instrument :
MSVOA_X
ClientSampleId :

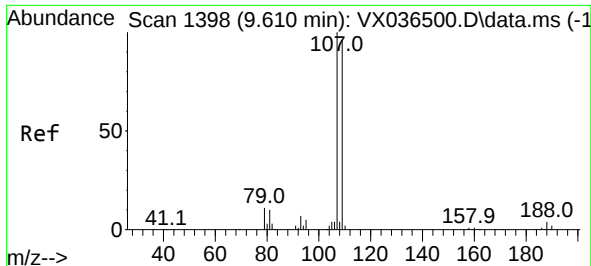
Tgt Ion: 43 Resp: 987248
Ion Ratio Lower Upper
43 100
58 54.6 42.5 63.7
57 18.9 15.0 22.4
100 11.6 8.9 13.3



#49
Dibromochloromethane
Concen: 231.942 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion:129 Resp: 483693
Ion Ratio Lower Upper
129 100
127 76.2 54.8 101.8

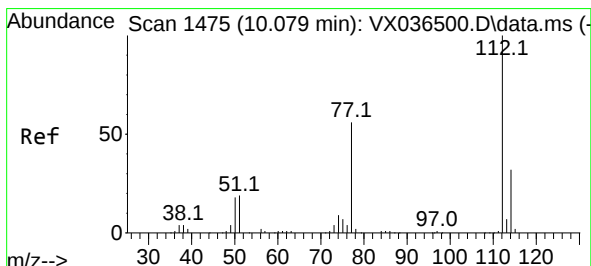
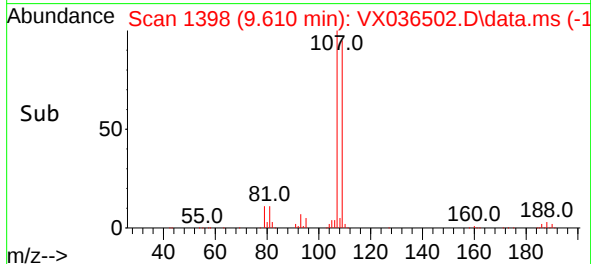
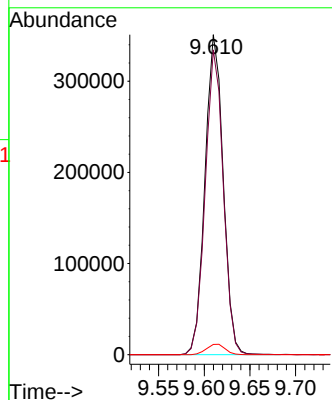
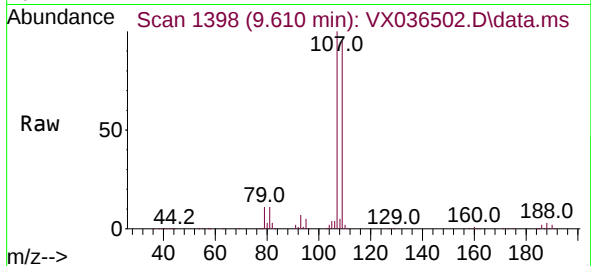




#50
1,2-Dibromoethane
Concen: 217.682 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

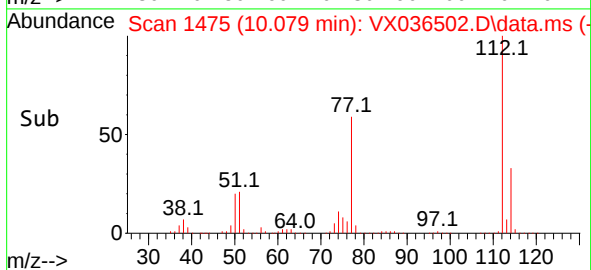
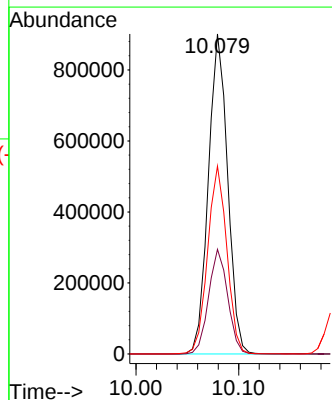
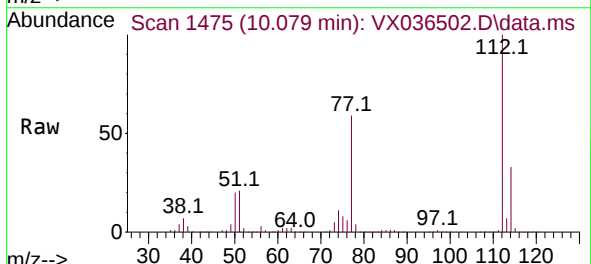
Instrument :
MSVOA_X
ClientSampleId :

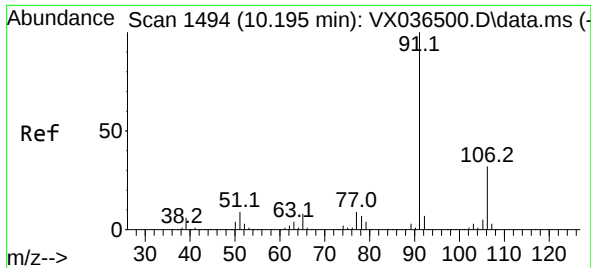
Tgt Ion:107 Resp: 484701
Ion Ratio Lower Upper
107 100
109 95.2 67.3 124.9
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 213.188 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion:112 Resp: 1172290
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.3
77 58.7 45.2 67.8

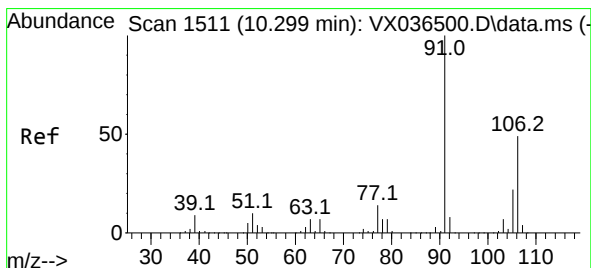
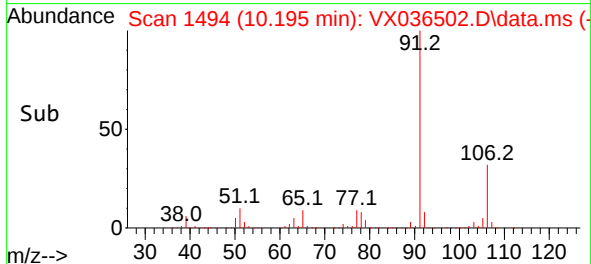
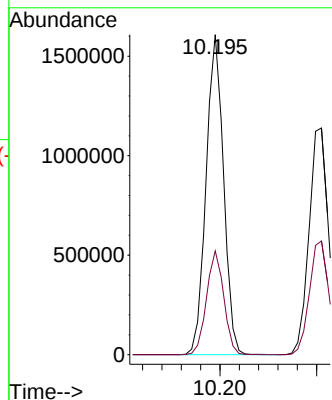
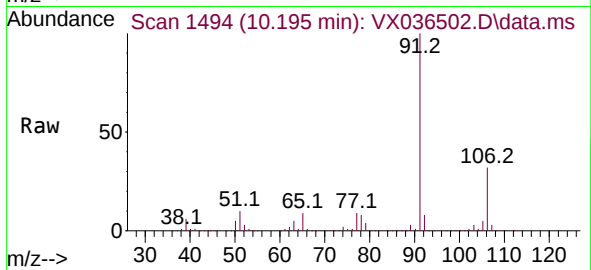




#52
Ethylbenzene
Concen: 217.147 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

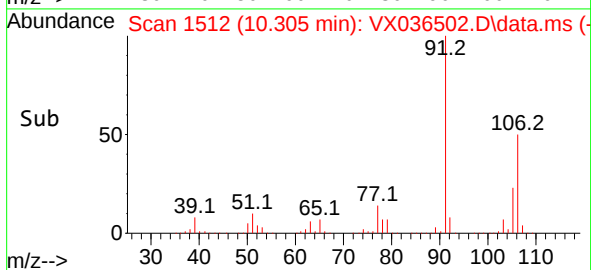
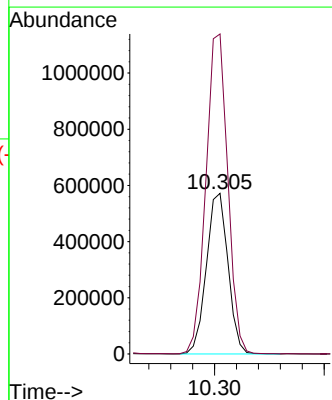
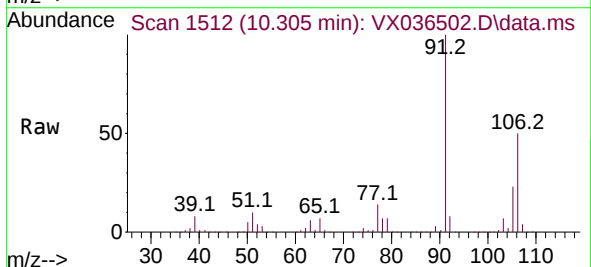
Instrument :
MSVOA_X
ClientSampleId :

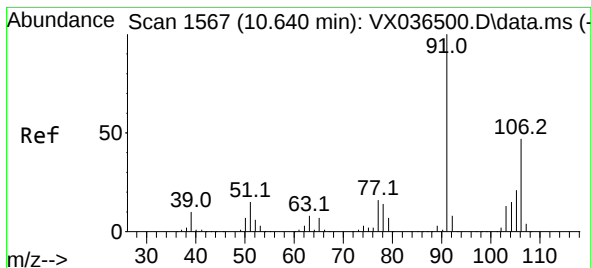
Tgt Ion: 91 Resp: 2021100
Ion Ratio Lower Upper
91 100
106 32.5 22.1 41.1



#53
m,p-Xylene
Concen: 220.702 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 106 Resp: 783809
Ion Ratio Lower Upper
106 100
91 199.2 143.1 265.9

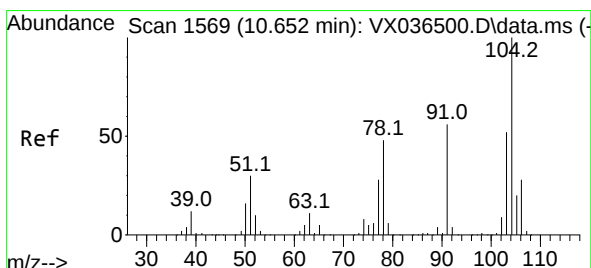
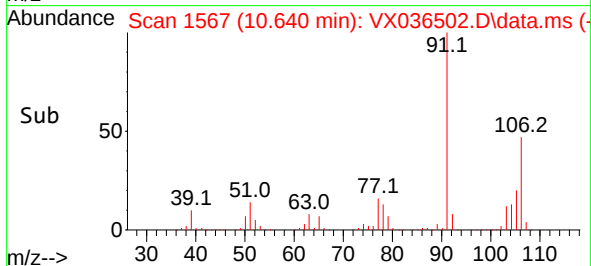
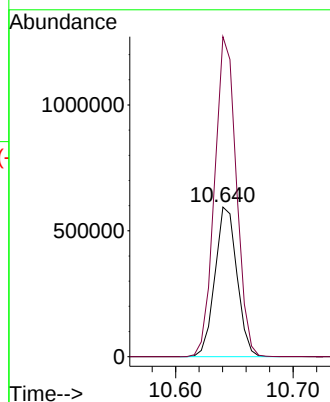
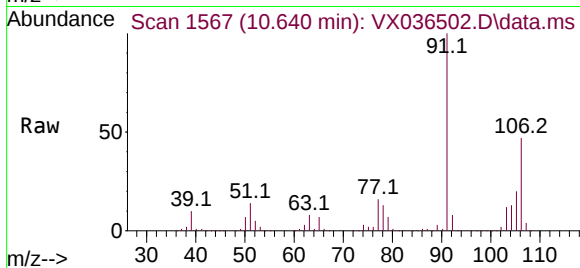




#54
o-Xylene
Concen: 219.950 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

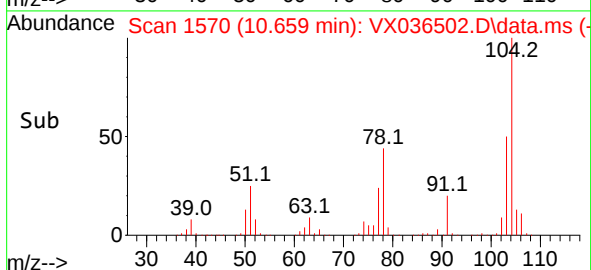
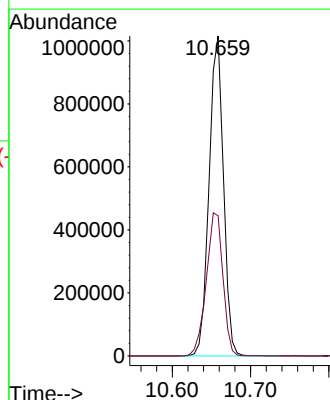
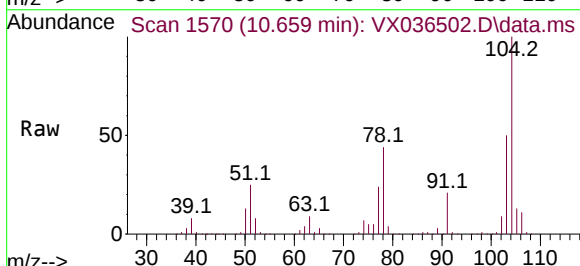
Instrument :
MSVOA_X
ClientSampleId :

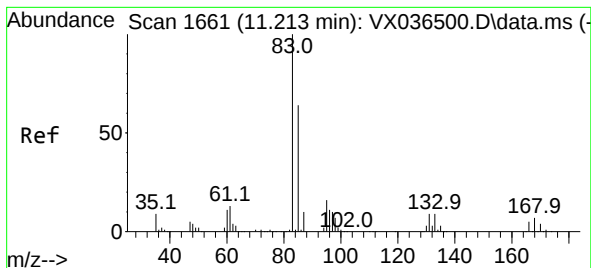
Tgt Ion:106 Resp: 774691
Ion Ratio Lower Upper
106 100
91 213.8 147.8 274.4



#55
Styrene
Concen: 220.206 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion:104 Resp: 1292990
Ion Ratio Lower Upper
104 100
78 43.8 33.5 62.3

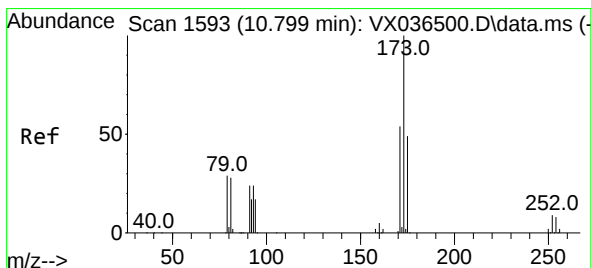
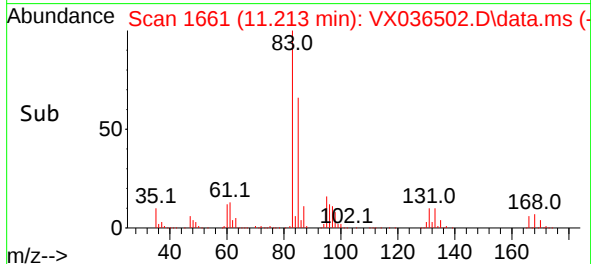
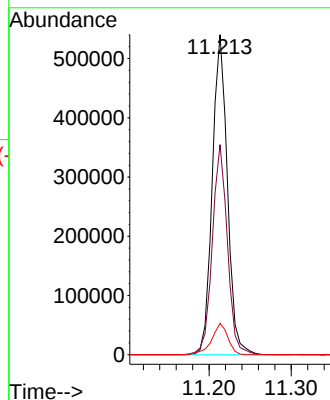
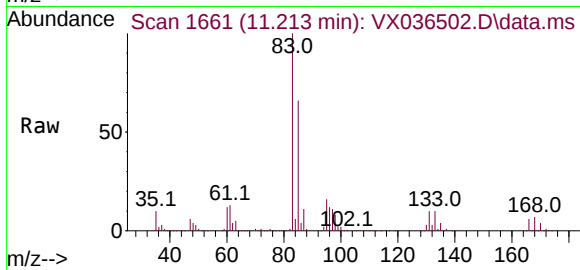




#57
1,1,2,2-Tetrachloroethane
Concen: 213.144 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

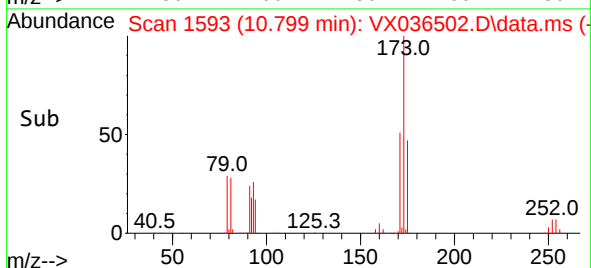
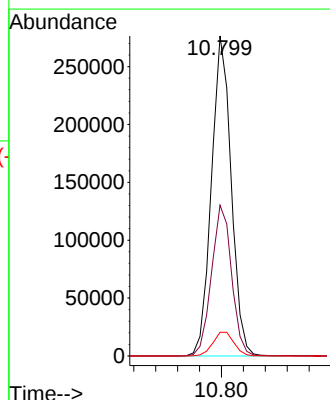
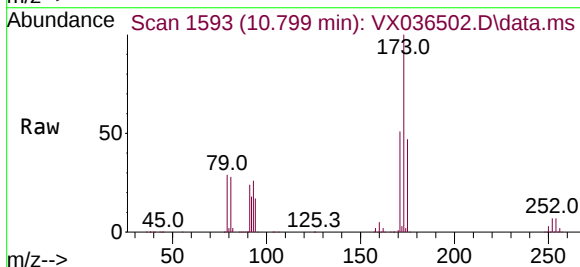
Instrument :
MSVOA_X
ClientSampleId :

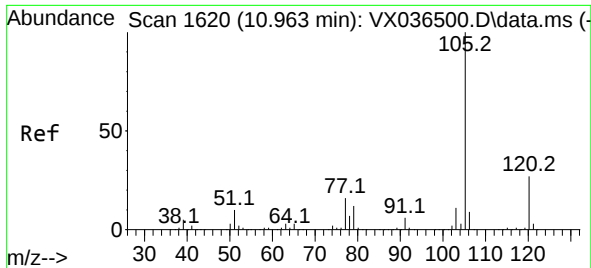
Tgt Ion: 83 Resp: 687769
Ion Ratio Lower Upper
83 100
85 65.7 44.9 83.3
131 9.8 7.4 11.0



#59
Bromoform
Concen: 224.323 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion:173 Resp: 345946
Ion Ratio Lower Upper
173 100
175 47.9 39.5 59.3
254 8.0 7.0 10.4

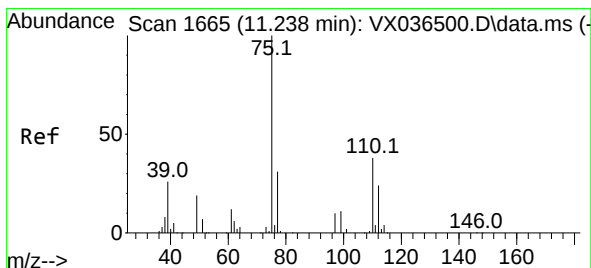
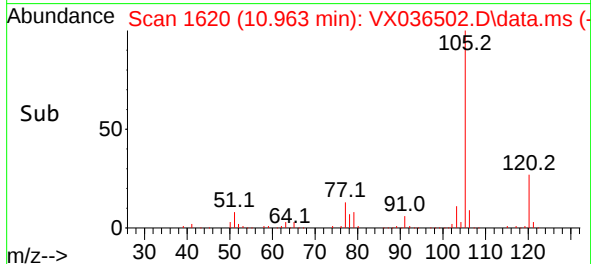
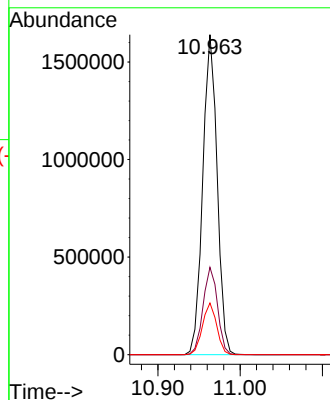
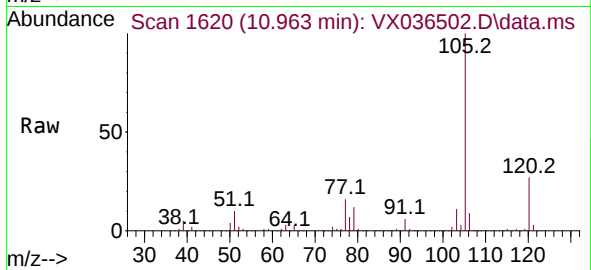




#60
Isopropylbenzene
Concen: 210.467 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

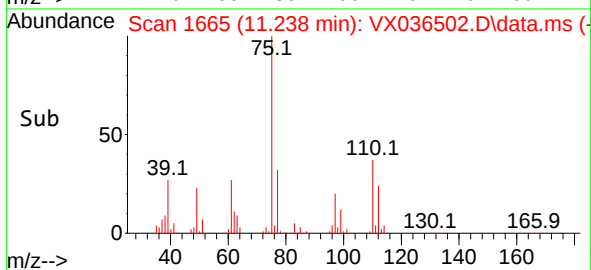
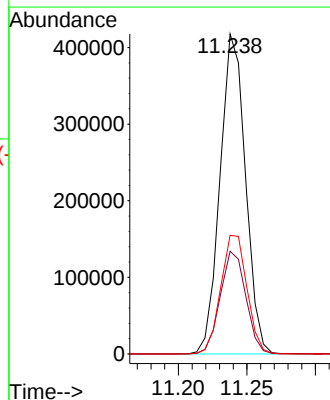
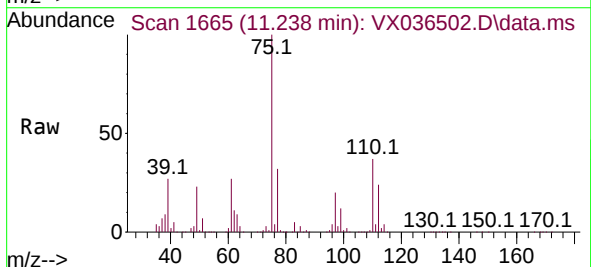
Instrument :
MSVOA_X
ClientSampleId :

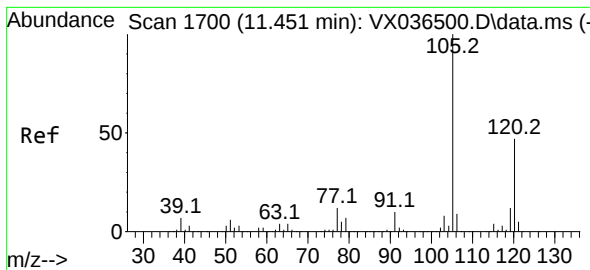
Tgt Ion:105 Resp: 1996220
Ion Ratio Lower Upper
105 100
120 27.5 21.5 32.3
77 16.0 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 202.383 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 75 Resp: 539067
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 38.3 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 212.416 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_X

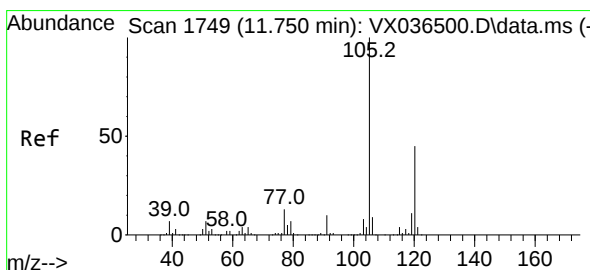
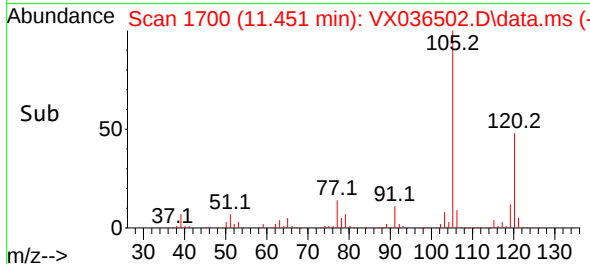
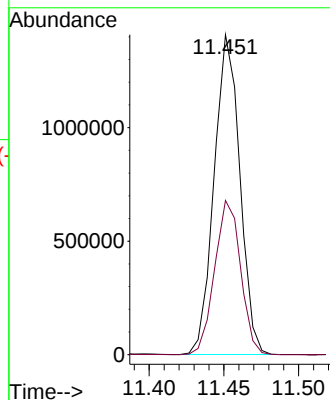
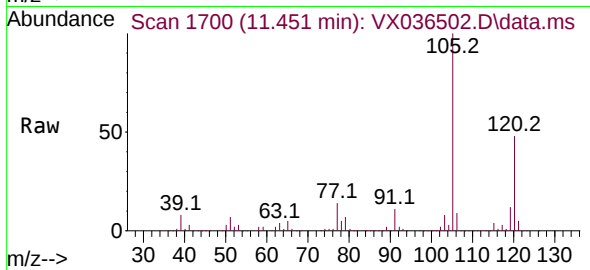
ClientSampleId :

Tgt Ion:105 Resp: 1683863

Ion Ratio Lower Upper

105 100

120 48.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 210.465 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036502.D

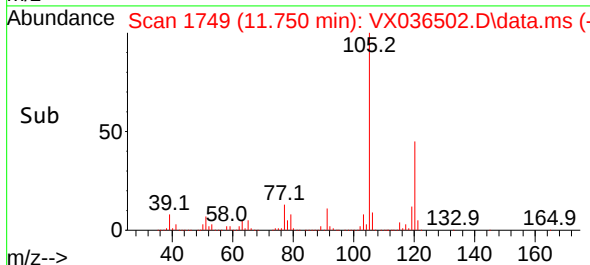
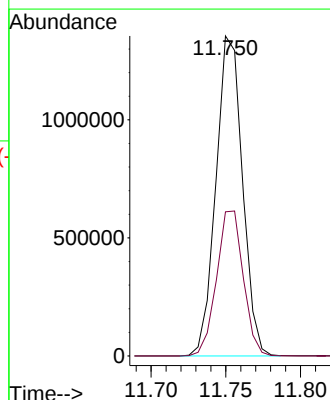
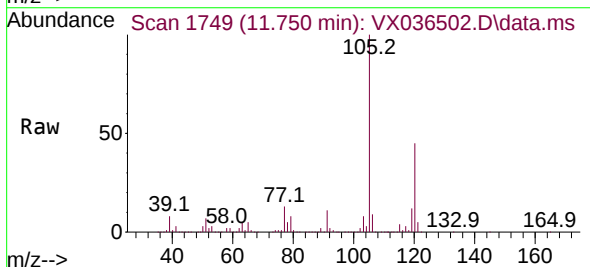
Acq: 12 Jul 2023 11:17

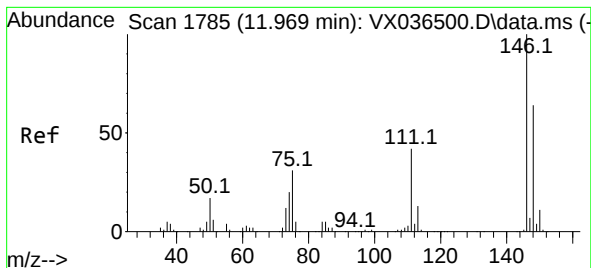
Tgt Ion:105 Resp: 1673484

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 213.038 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

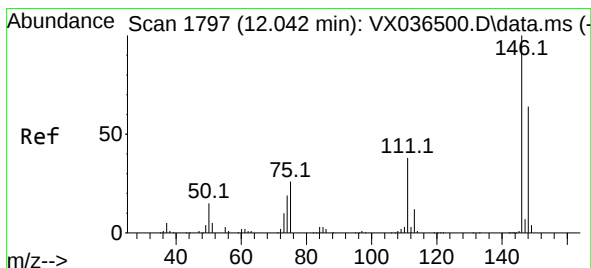
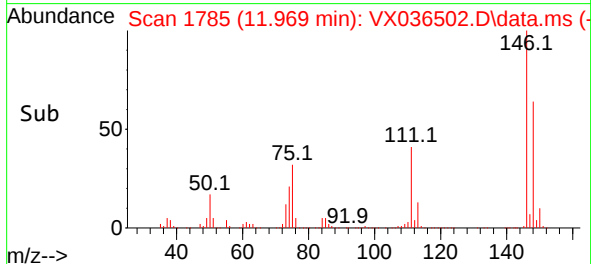
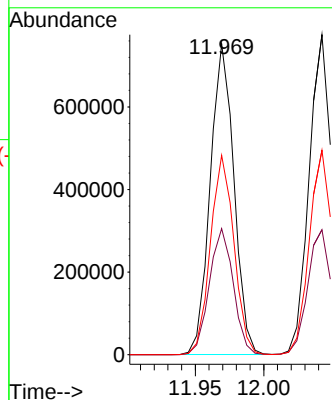
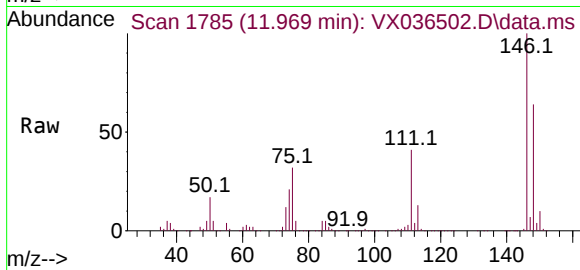
Tgt Ion:146 Resp: 903983

Ion Ratio Lower Upper

146 100

111 40.6 29.5 54.7

148 64.1 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 212.214 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

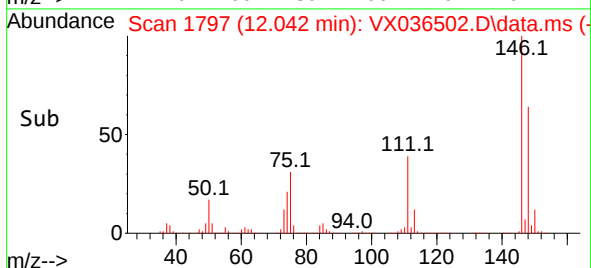
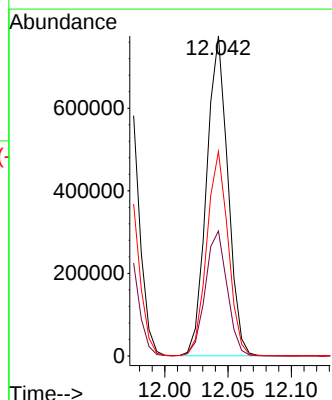
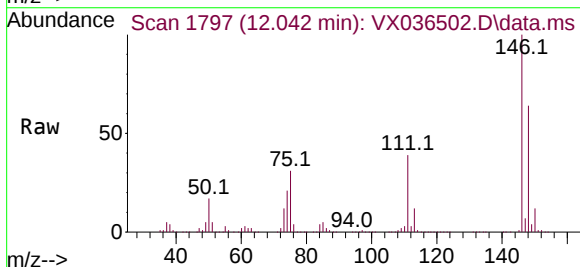
Tgt Ion:146 Resp: 909150

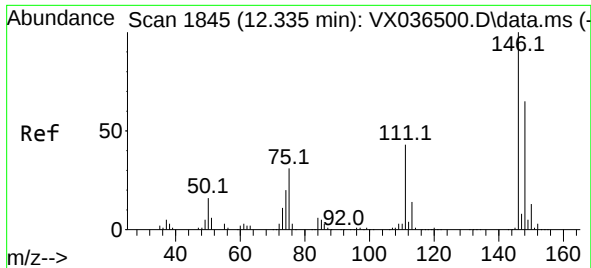
Ion Ratio Lower Upper

146 100

111 39.1 27.1 50.3

148 63.9 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 211.347 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :

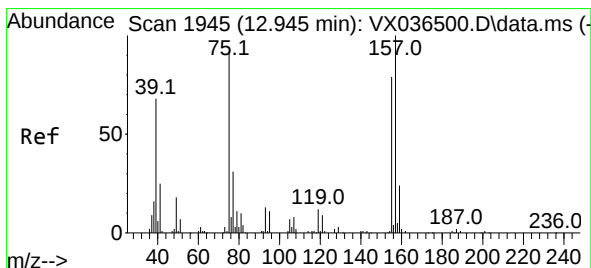
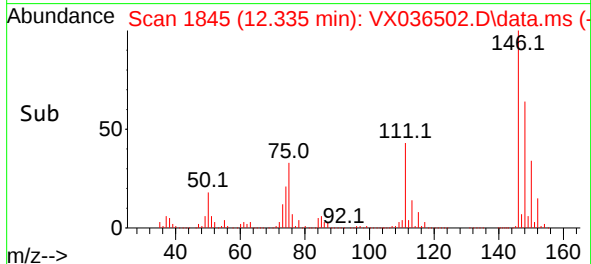
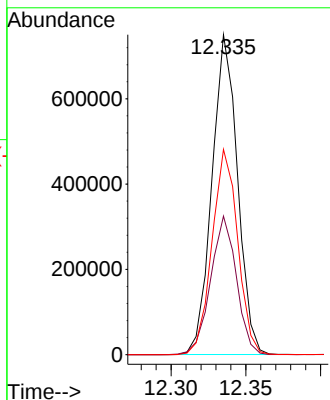
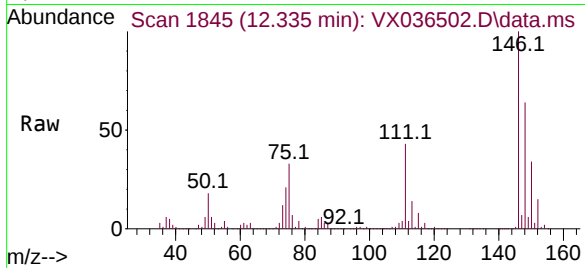
Tgt Ion:146 Resp: 889782

Ion Ratio Lower Upper

146 100

111 43.3 34.4 51.6

148 64.2 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 225.150 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

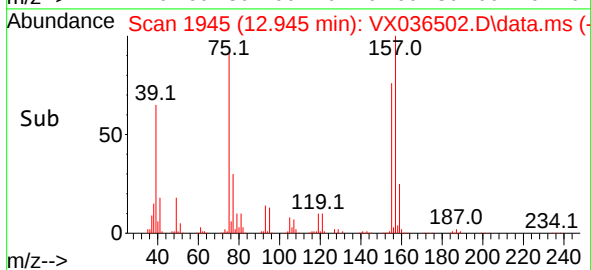
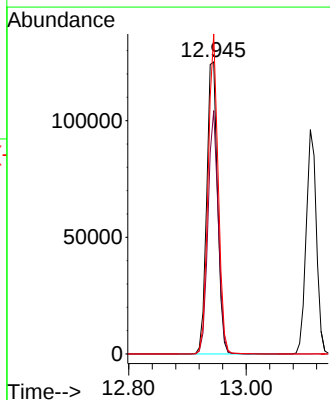
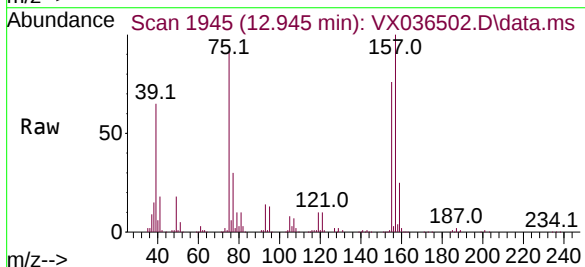
Tgt Ion: 75 Resp: 159806

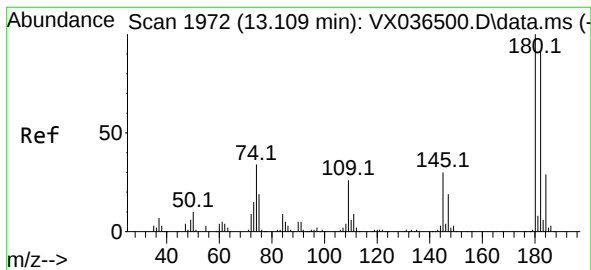
Ion Ratio Lower Upper

75 100

155 83.4 68.4 102.6

157 109.6 86.8 130.2





#69

1,3,5-Trichlorobenzene

Concen: 219.743 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

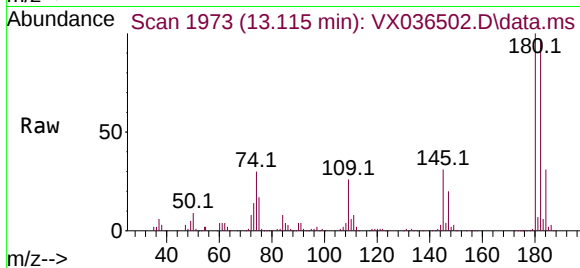
Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 618709

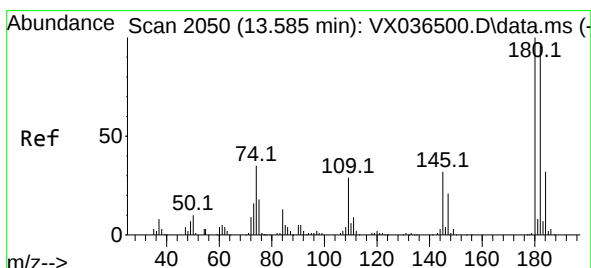
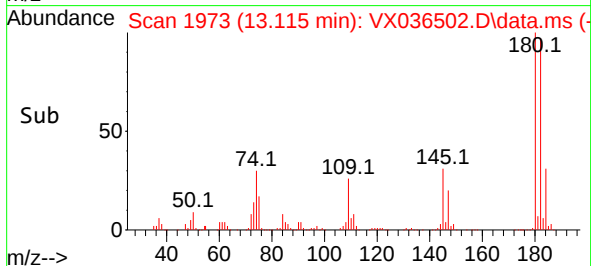
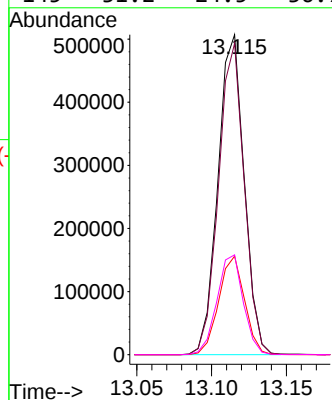
Ion Ratio Lower Upper

180 100

182 95.3 75.2 112.8

184 30.3 23.9 35.9

145 31.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 219.442 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036502.D

Acq: 12 Jul 2023 11:17

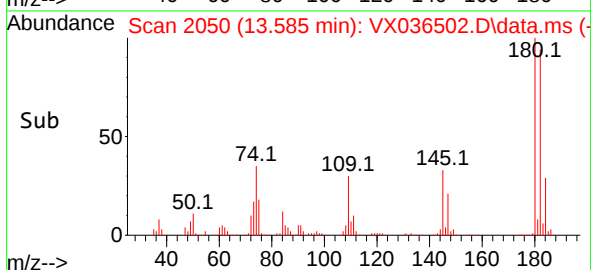
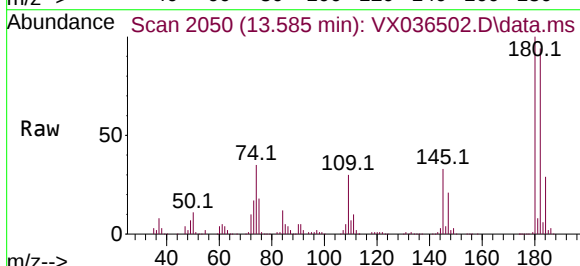
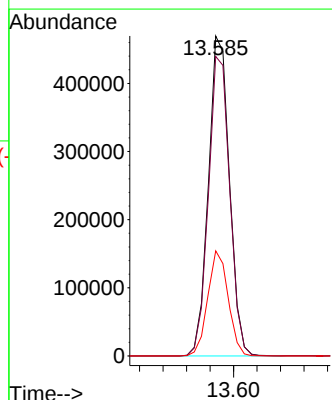
Tgt Ion:180 Resp: 582896

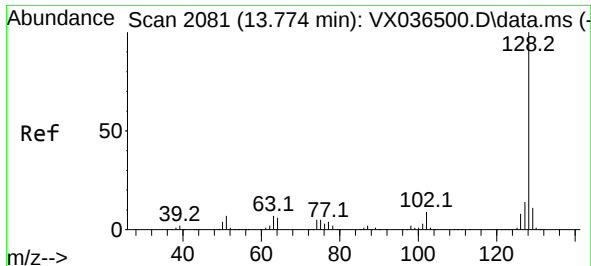
Ion Ratio Lower Upper

180 100

182 94.8 74.7 112.1

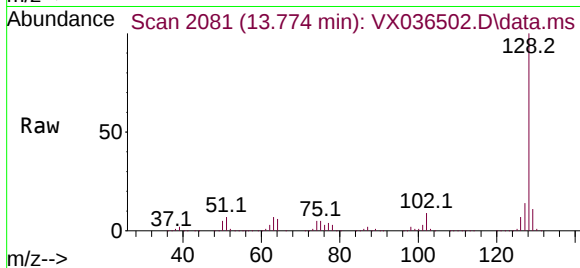
145 32.0 25.3 37.9





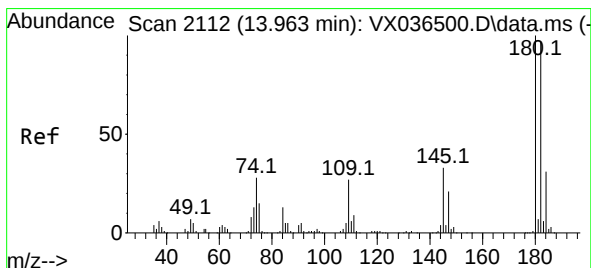
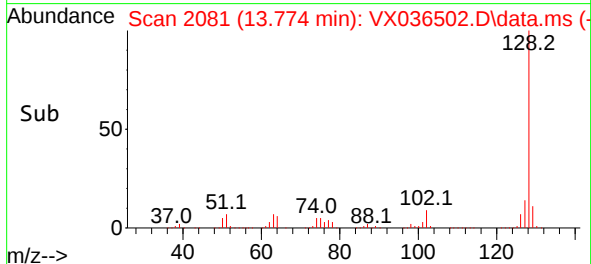
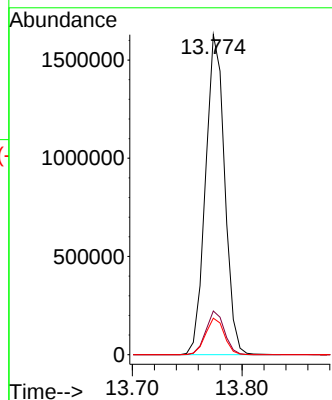
#71
Naphthalene
Concen: 217.753 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1973486

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.2	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 221.266 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036502.D
Acq: 12 Jul 2023 11:17

Tgt Ion:180 Resp: 572651

Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.6	117.8
145	34.1	27.5	41.3

