

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039075.D
 Acq On : 05 Dec 2023 11:24
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 02:10:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:08:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	267593	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	251233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	128333	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	201148	95.837	ug/L	0.00
7) Chloroethane-d5	1.660	69	149736	96.519	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	87881	95.386	ug/L	0.00
21) 2-Butanone-d5	4.446	46	380166	200.100	ug/L	0.00
24) Chloroform-d	5.056	84	364558	98.119	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	226124	93.974	ug/L	0.00
32) Benzene-d6	5.970	84	750621	96.810	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	242367	97.131	ug/L	0.00
41) Toluene-d8	8.646	98	668103	95.083	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	125461	98.804	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	298493	200.286	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	350769	99.095	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	231615	95.483	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	188370	88.270	ug/L	100
3) Chloromethane	1.294	50	201690	90.424	ug/L	99
5) Vinyl chloride	1.373	62	195704	89.024	ug/L	98
6) Bromomethane	1.599	94	109743	92.487	ug/L	99
8) Chloroethane	1.684	64	112839	90.793	ug/L	98
9) Trichlorofluoromethane	1.885	101	254040	89.166	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	164416	89.714	ug/L	99
12) 1,1-Dichloroethene	2.318	96	156439	90.749	ug/L	96
13) Acetone	2.373	43	328840	180.171	ug/L	99
14) Carbon disulfide	2.513	76	500832	91.300	ug/L	99
15) Methyl Acetate	2.696	43	246067	94.323	ug/L	99
16) Methylene chloride	2.788	84	178278	90.012	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	166689	91.773	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	579456	91.653	ug/L	100
19) 1,1-Dichloroethane	3.611	63	330739	92.092	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	193826	92.003	ug/L	97
22) 2-Butanone	4.550	43	414993	185.270	ug/L	98
23) Bromochloromethane	4.897	128	92175	93.074	ug/L	97
25) Chloroform	5.092	83	324806	90.673	ug/L	99
27) 1,2-Dichloroethane	6.086	62	260931	92.291	ug/L	95
29) Cyclohexane	5.470	56	315887	89.882	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	279850	91.806	ug/L	99
31) Carbon tetrachloride	5.677	117	233891	91.967	ug/L	98
33) Benzene	6.037	78	729088	91.319	ug/L	100
34) Trichloroethene	7.122	95	192121	91.054	ug/L	98
35) Methylcyclohexane	7.378	83	313471	89.205	ug/L	99
37) 1,2-Dichloropropane	7.427	63	200483	90.542	ug/L	100
38) Bromodichloromethane	7.817	83	248172	92.148	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	327825	92.827	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	696442	187.666	ug/L	100
42) Toluene	8.720	91	763518	90.182	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	310197	94.651	ug/L	100

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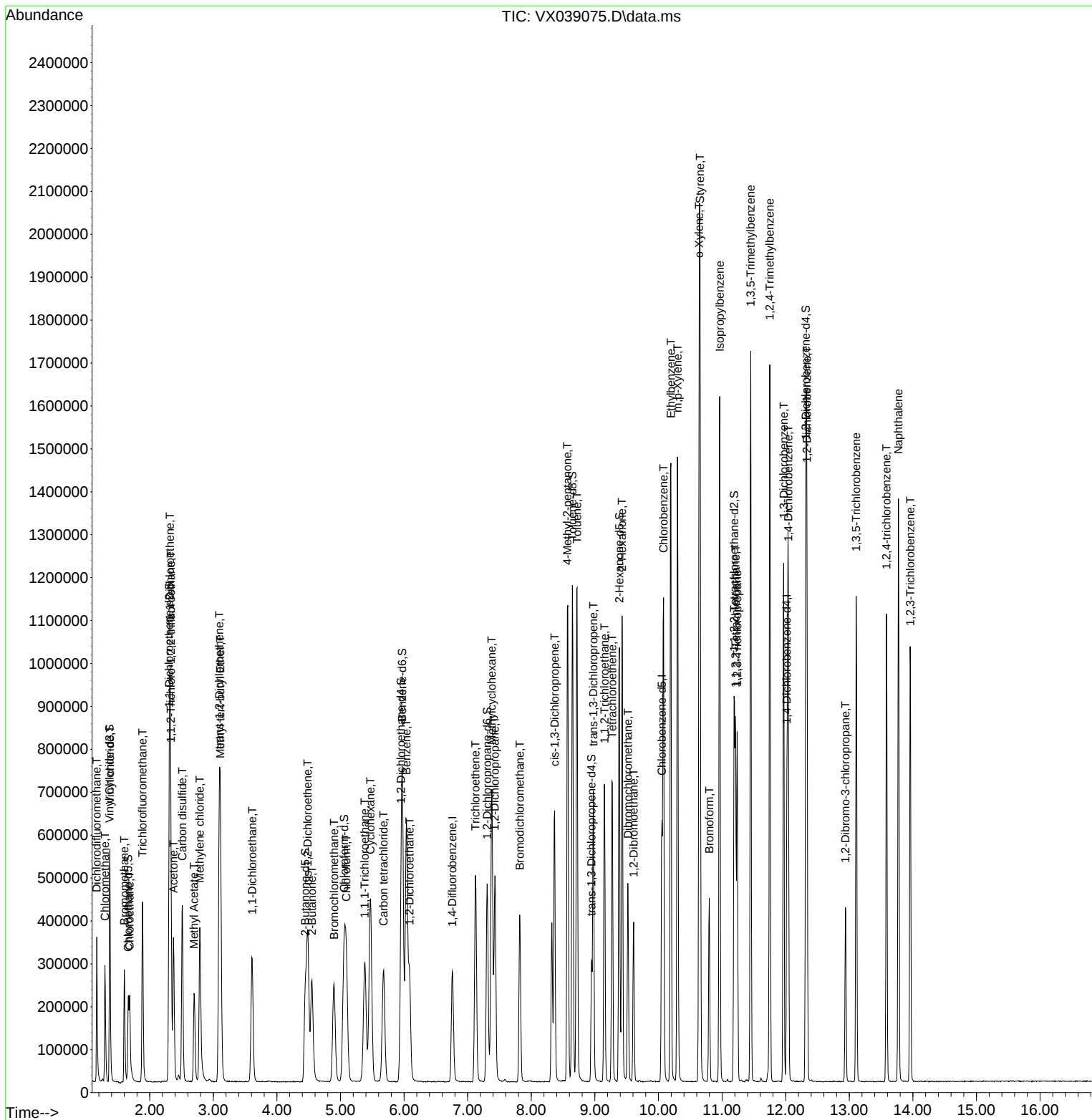
Instrument :
 MSVOA_X
 ClientSampleId :

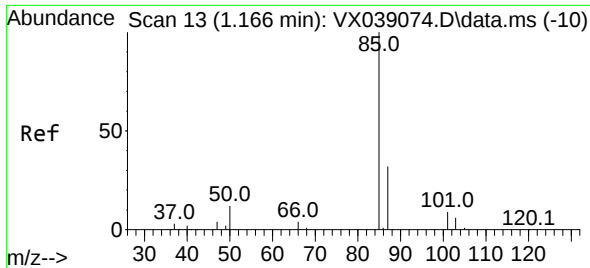
Quant Time: Dec 06 02:10:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:08:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.152	97	185529	91.430	ug/L	99
46) Tetrachloroethene	9.274	164	126740	91.057	ug/L	98
48) 2-Hexanone	9.427	43	586451	188.812	ug/L	100
49) Dibromochloromethane	9.518	129	186244	94.212	ug/L	99
50) 1,2-Dibromoethane	9.610	107	201303	92.598	ug/L	98
51) Chlorobenzene	10.079	112	470139	89.899	ug/L	99
52) Ethylbenzene	10.195	91	854149	90.243	ug/L	98
53) m,p-Xylene	10.299	106	320820	90.656	ug/L	98
54) o-Xylene	10.640	106	306991	90.405	ug/L	99
55) Styrene	10.652	104	533575	91.834	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	327880	92.586	ug/L	99
59) Bromoform	10.799	173	142219	94.293	ug/L	100
60) Isopropylbenzene	10.963	105	829132	88.418	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	254159	90.407	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	707693	89.391	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	699129	90.060	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	356908	88.922	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	361479	88.876	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	342866	89.301	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.938	75	82595	94.138	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	243583	91.766	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	228036	91.129	ug/L	98
71) Naphthalene	13.774	128	792129	92.303	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	216038	89.164	ug/L	99

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

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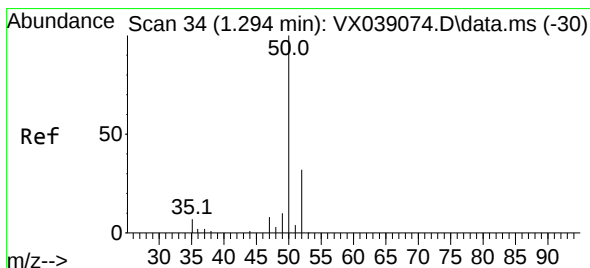
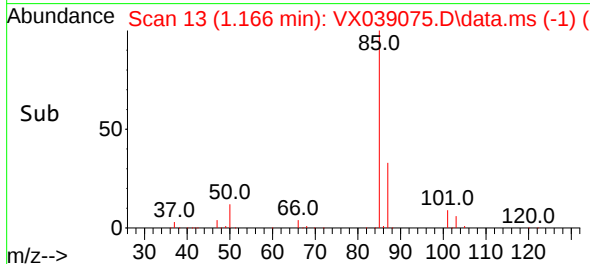
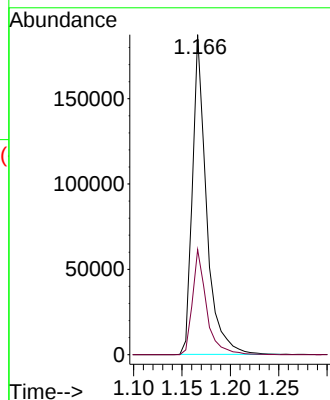
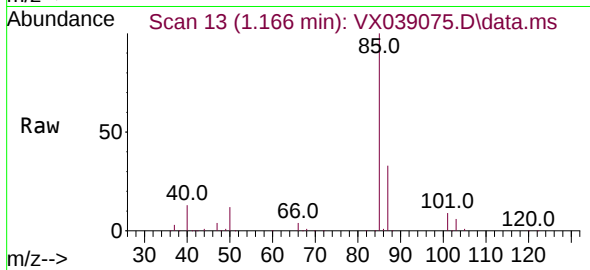




#2
 Dichlorodifluoromethane
 Concen: 88.270 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039075.D
 Acq: 05 Dec 2023 11:24

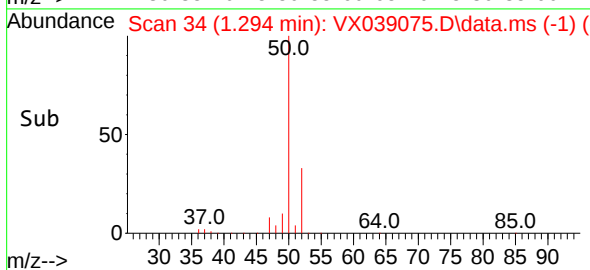
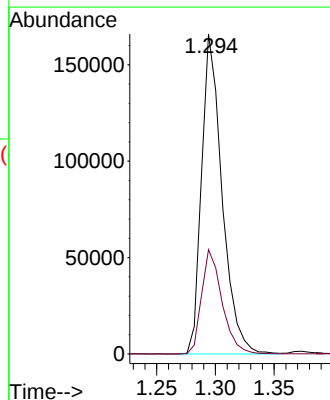
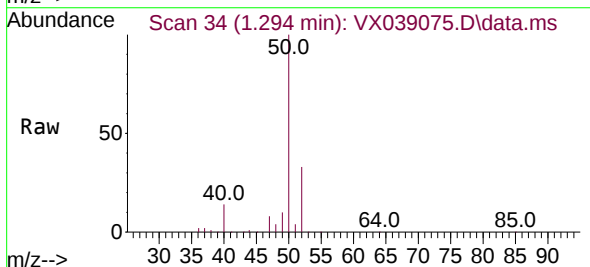
Instrument :
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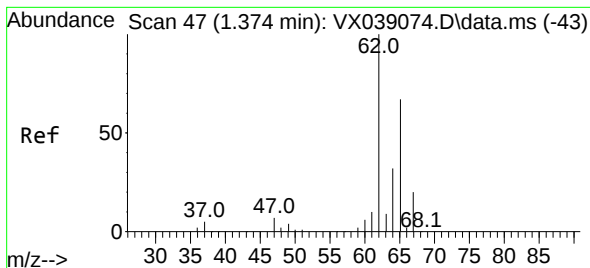
Tgt Ion: 85 Resp: 188370
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 90.424 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039075.D
 Acq: 05 Dec 2023 11:24

Tgt Ion: 50 Resp: 201690
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.4 41.6





#5

Vinyl chloride

Concen: 89.024 ug/L

RT: 1.373 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

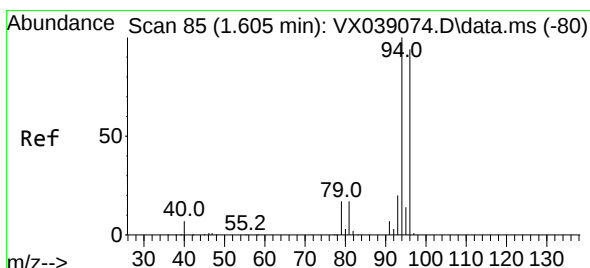
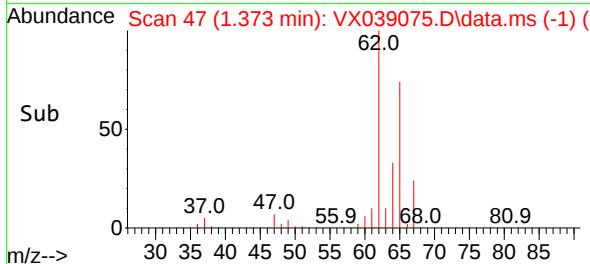
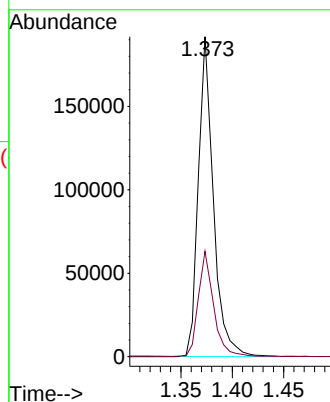
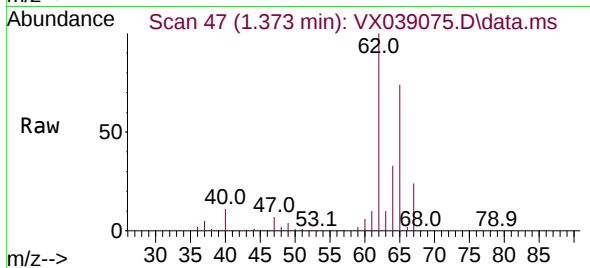
ClientSampleId :

Tgt Ion: 62 Resp: 195704

Ion Ratio Lower Upper

62 100

64 33.0 22.3 41.3



#6

Bromomethane

Concen: 92.487 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX039075.D

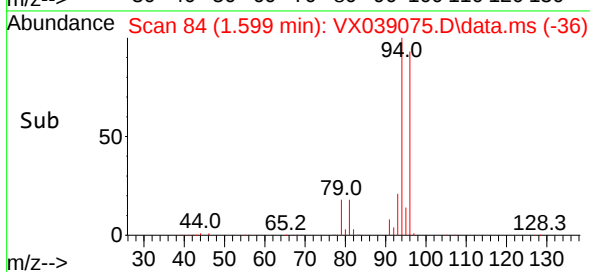
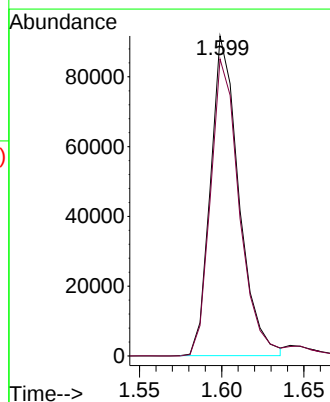
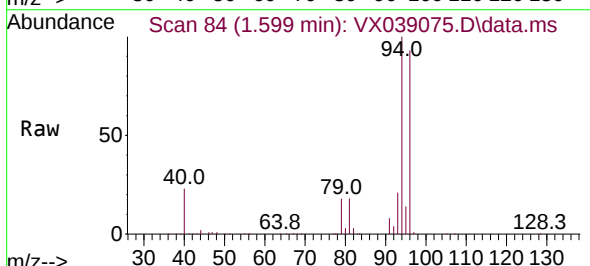
Acq: 05 Dec 2023 11:24

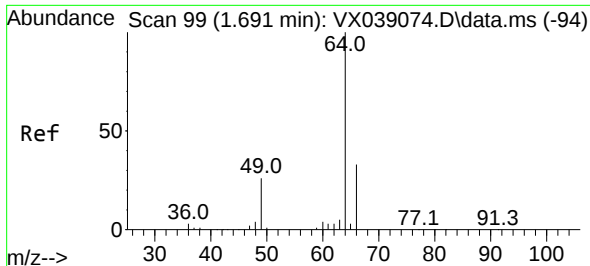
Tgt Ion: 94 Resp: 109743

Ion Ratio Lower Upper

94 100

96 92.8 65.8 122.2

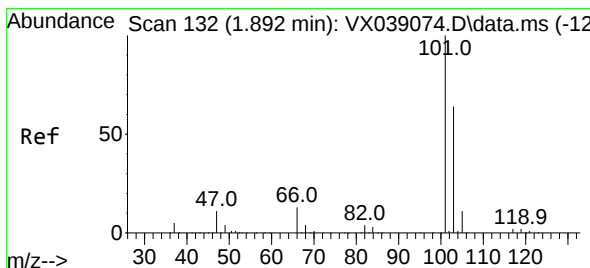
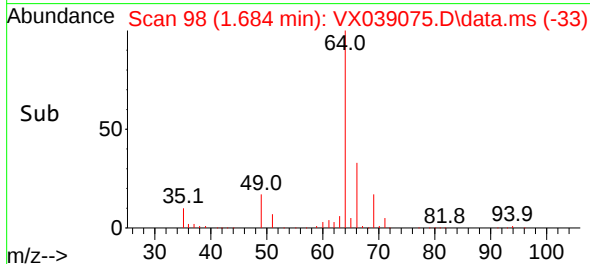
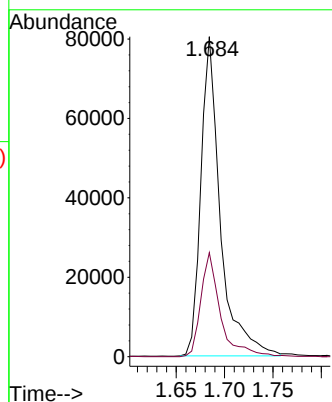
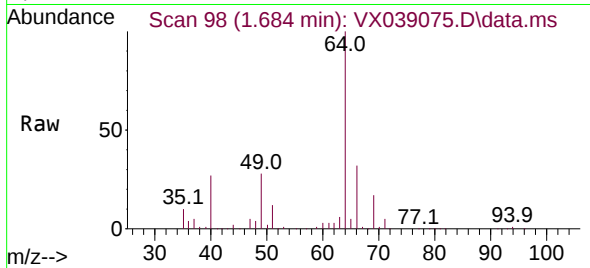




#8
Chloroethane
Concen: 90.793 ug/L
RT: 1.684 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

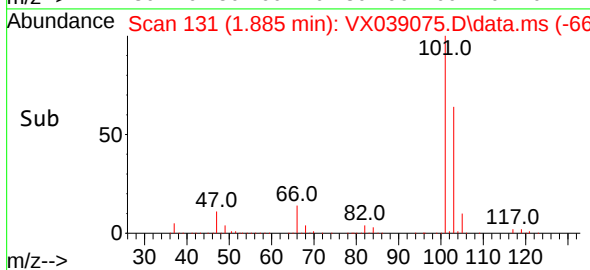
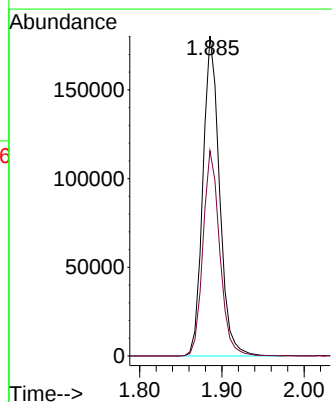
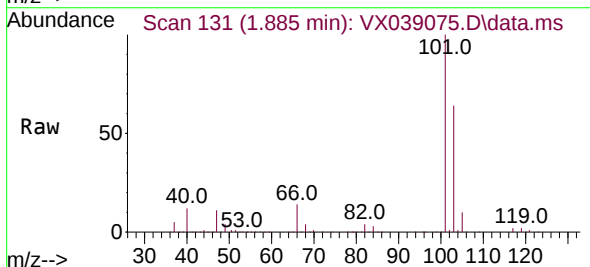
Instrument :
MSVOA_X
ClientSampleId :

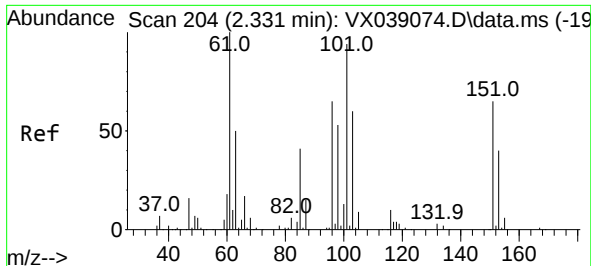
Tgt Ion: 64 Resp: 112839
Ion Ratio Lower Upper
64 100
66 32.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 89.166 ug/L
RT: 1.885 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Tgt Ion:101 Resp: 254040
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

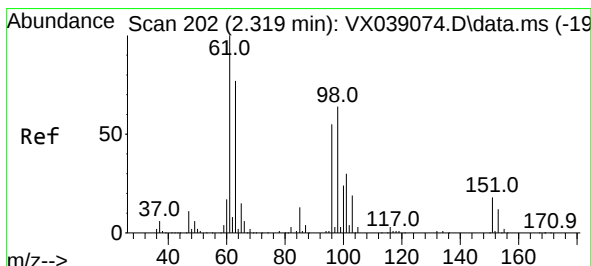
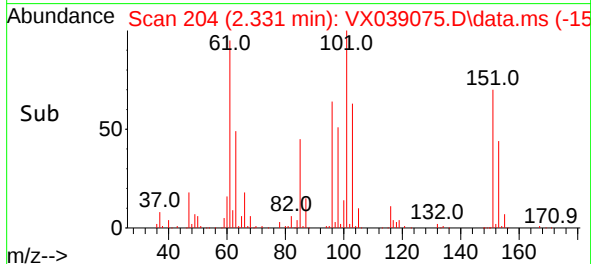
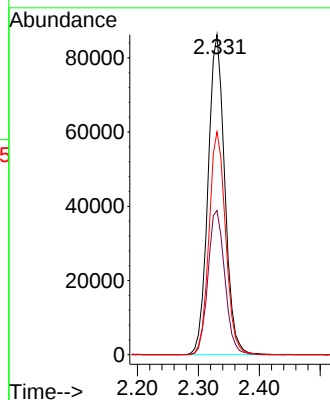
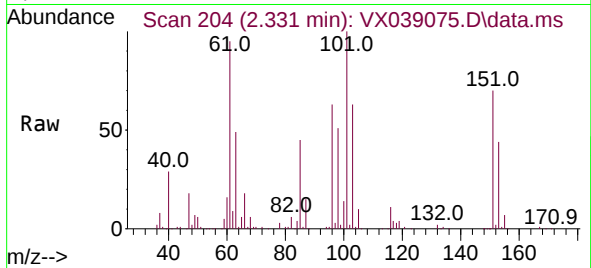




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 89.714 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

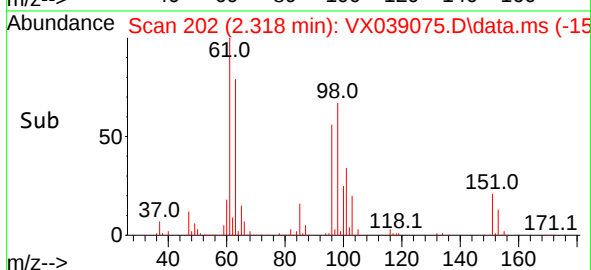
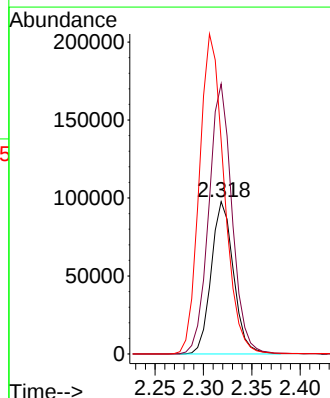
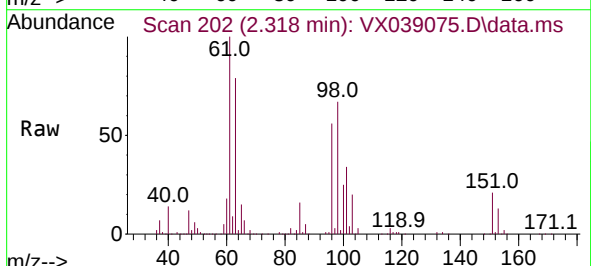
Instrument :
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ClientSampleId :

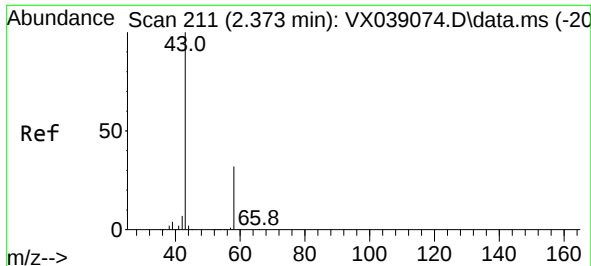
Tgt Ion:101 Resp: 164416
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.6
151 69.1 55.4 83.2



#12
1,1-Dichloroethene
Concen: 90.749 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

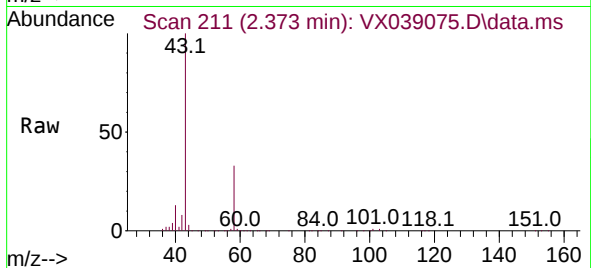
Tgt Ion: 96 Resp: 156439
Ion Ratio Lower Upper
96 100
61 177.3 128.0 237.6
63 140.2 101.5 188.5



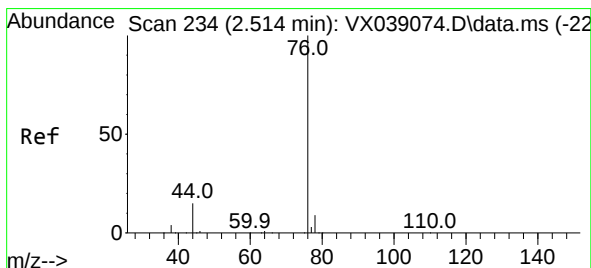
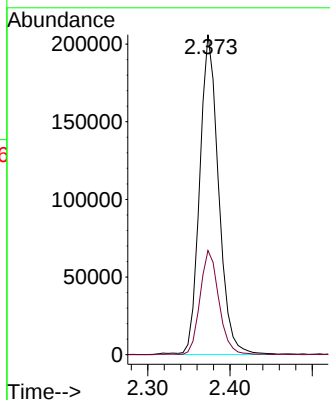
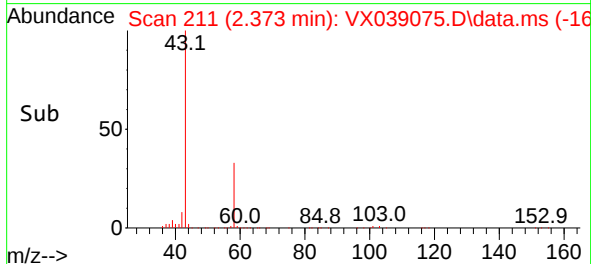


#13
Acetone
Concen: 180.171 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039075.D
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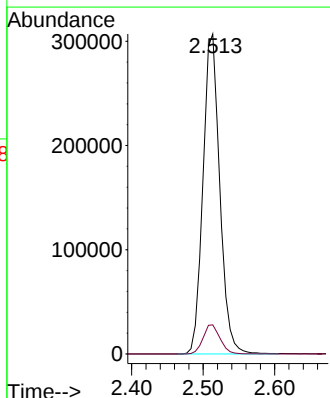
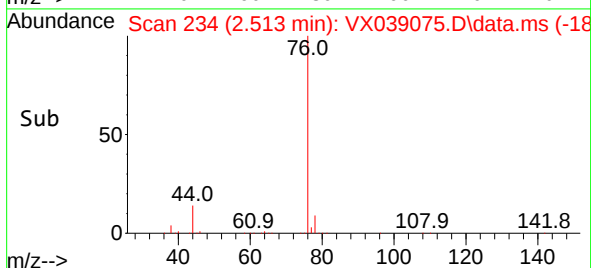
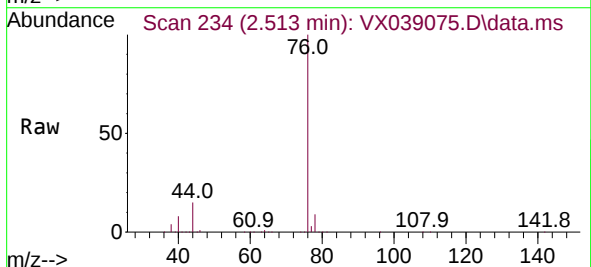


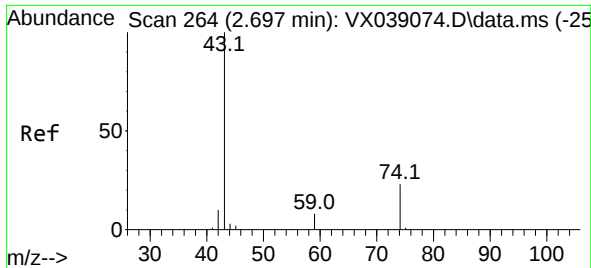
Tgt Ion: 43 Resp: 328840
Ion Ratio Lower Upper
43 100
58 32.4 0.0 65.8



#14
Carbon disulfide
Concen: 91.300 ug/L
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Tgt Ion: 76 Resp: 500832
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

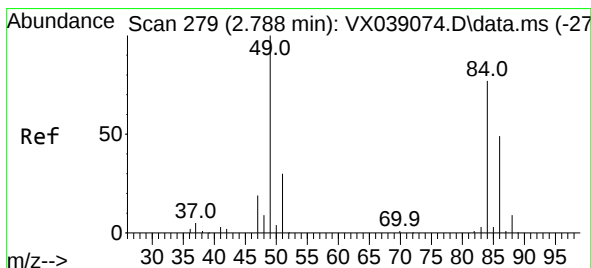
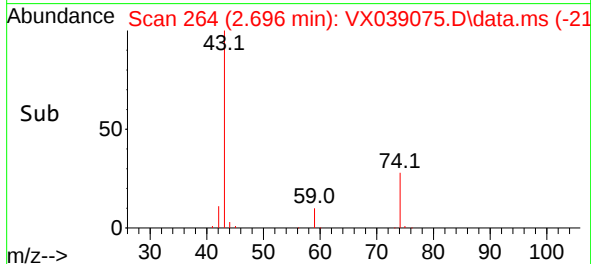
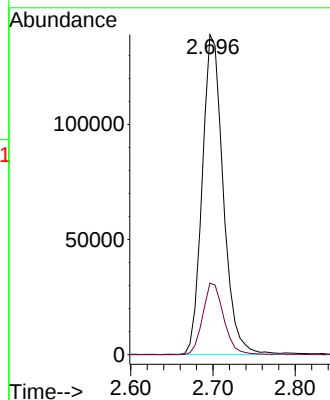
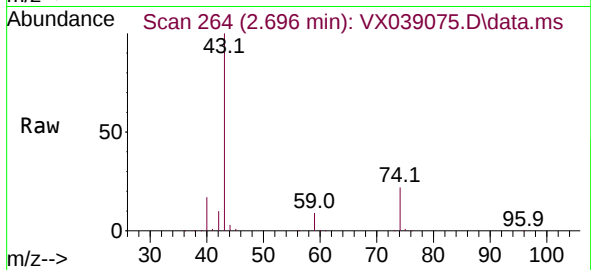




#15
Methyl Acetate
Concen: 94.323 ug/L
RT: 2.696 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

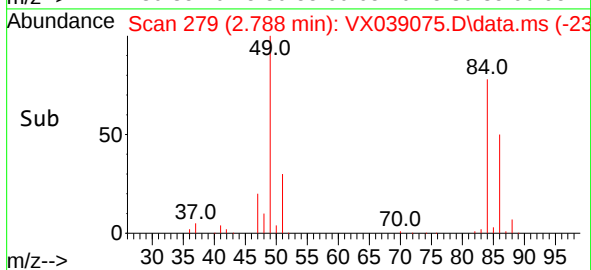
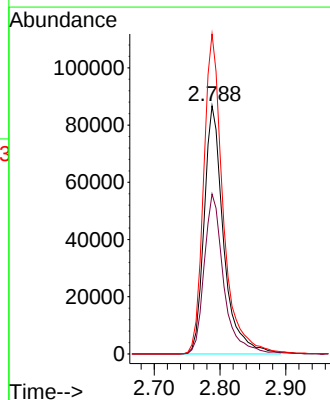
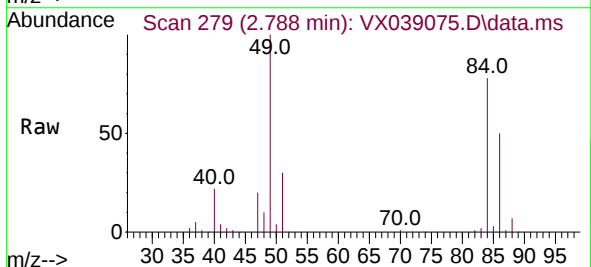
Instrument :
MSVOA_X
ClientSampleId :

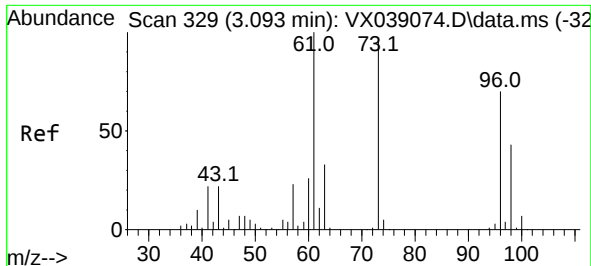
Tgt Ion: 43 Resp: 246067
Ion Ratio Lower Upper
43 100
74 22.4 18.2 27.4



#16
Methylene chloride
Concen: 90.012 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Tgt Ion: 84 Resp: 178278
Ion Ratio Lower Upper
84 100
86 64.5 44.7 82.9
49 129.0 90.9 168.7

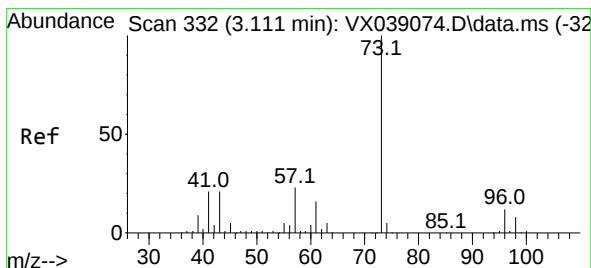
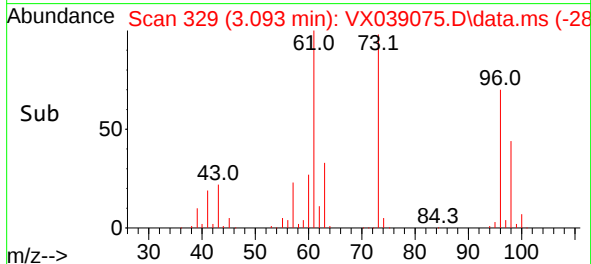
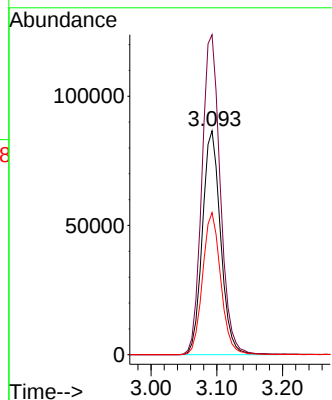
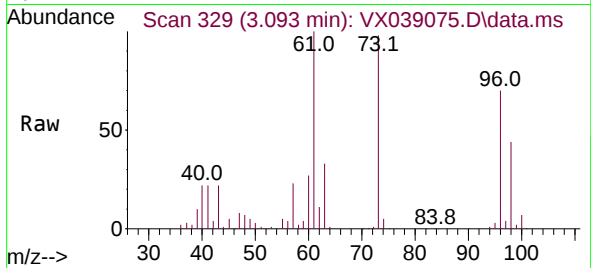




#17
trans-1,2-Dichloroethene
Concen: 91.773 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

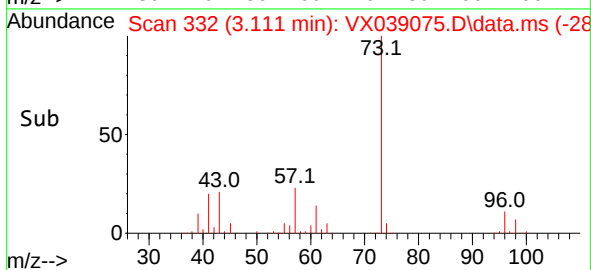
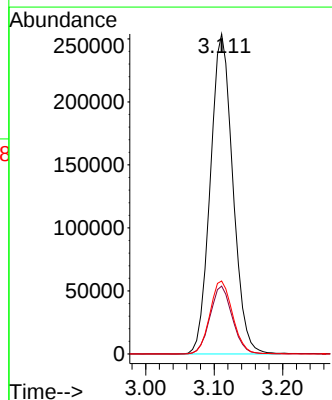
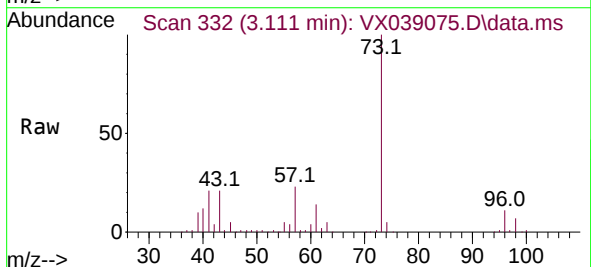
Instrument :
MSVOA_X
ClientSampleId :

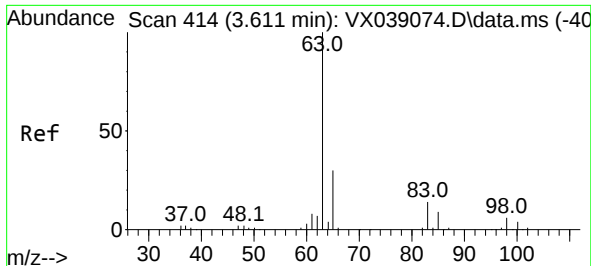
Tgt Ion: 96 Resp: 166689
Ion Ratio Lower Upper
96 100
61 143.0 99.8 185.3
98 63.5 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 91.653 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Tgt Ion: 73 Resp: 579456
Ion Ratio Lower Upper
73 100
43 21.0 16.9 25.3
57 23.0 18.5 27.7





#19

1,1-Dichloroethane

Concen: 92.092 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

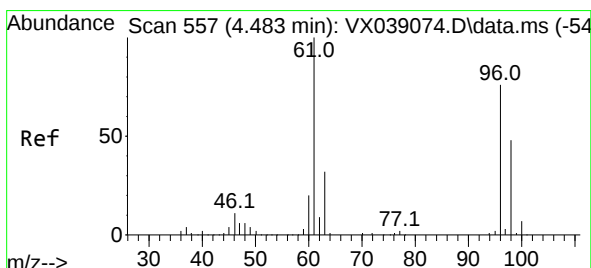
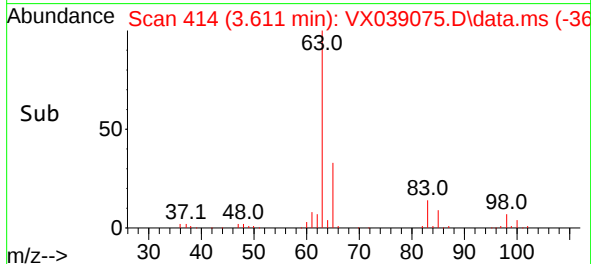
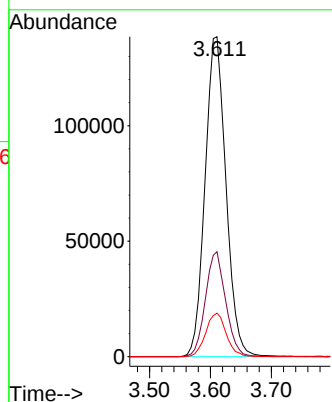
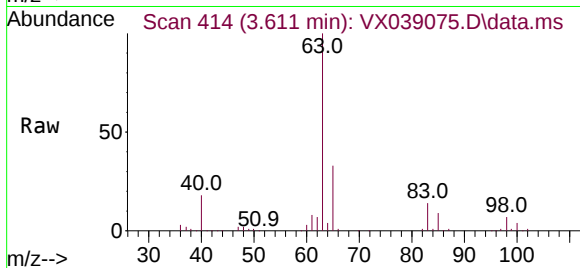
Tgt Ion: 63 Resp: 330739

Ion Ratio Lower Upper

63 100

65 32.8 21.1 39.3

83 13.6 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 92.003 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

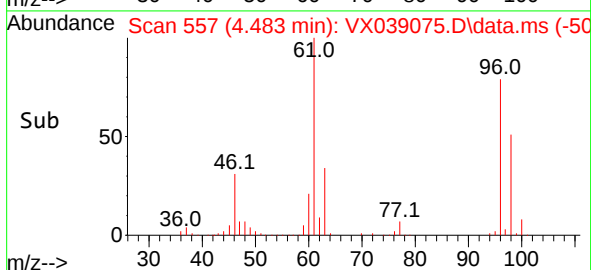
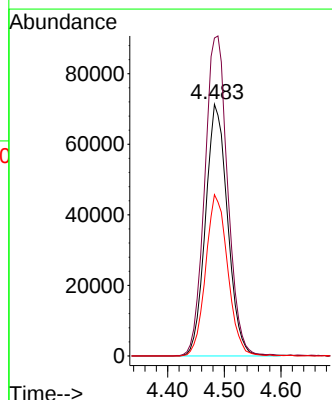
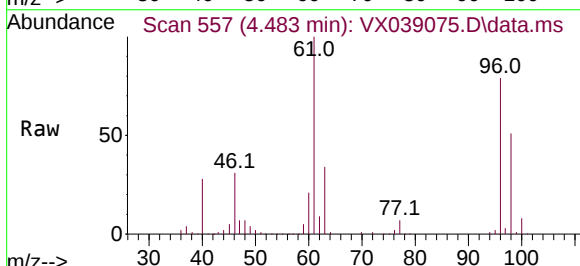
Tgt Ion: 96 Resp: 193826

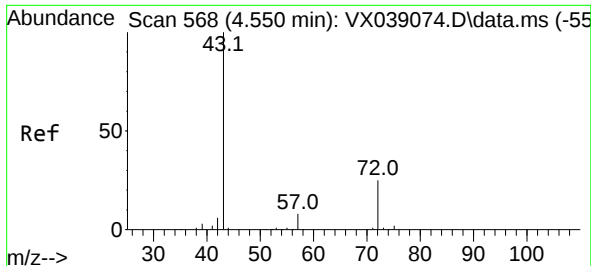
Ion Ratio Lower Upper

96 100

61 126.4 91.7 170.3

98 64.1 44.2 82.2

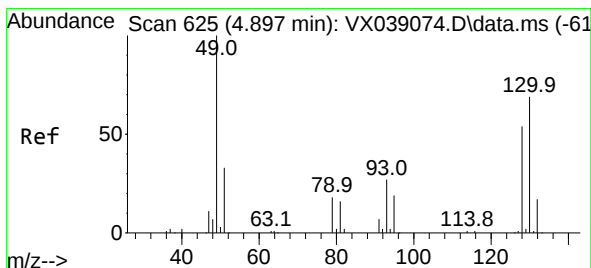
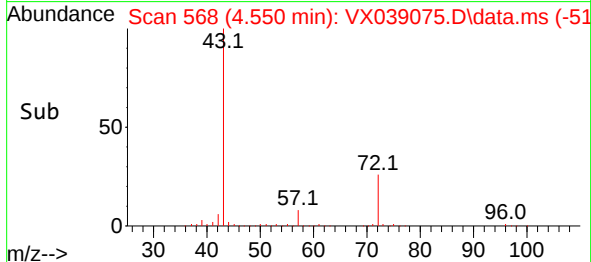
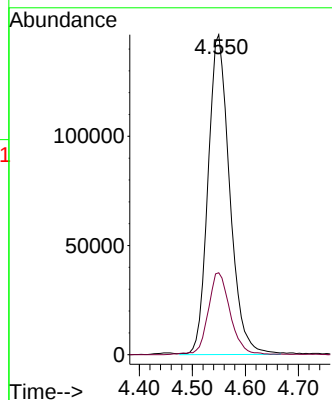
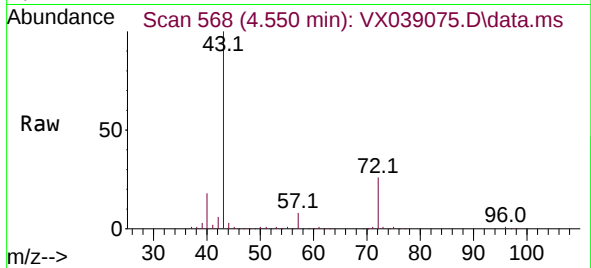




#22
2-Butanone
Concen: 185.270 ug/L
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

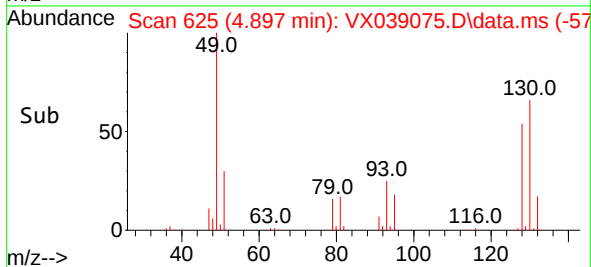
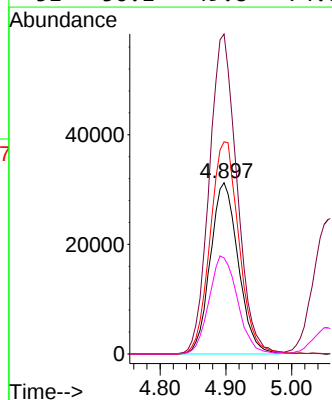
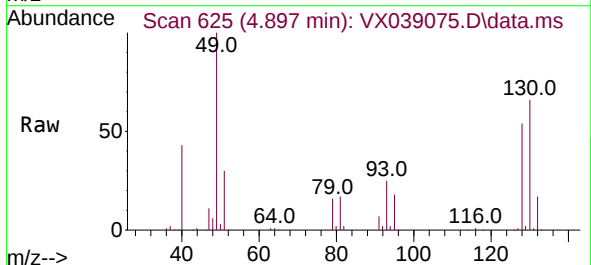
Instrument :
MSVOA_X
ClientSampleId :

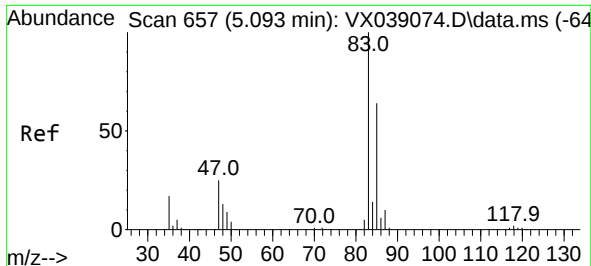
Tgt Ion: 43 Resp: 414993
Ion Ratio Lower Upper
43 100
72 26.1 12.6 37.6



#23
Bromochloromethane
Concen: 93.074 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Tgt Ion:128 Resp: 92175
Ion Ratio Lower Upper
128 100
49 186.9 130.8 243.0
130 123.9 90.6 168.3
51 56.1 49.8 74.8

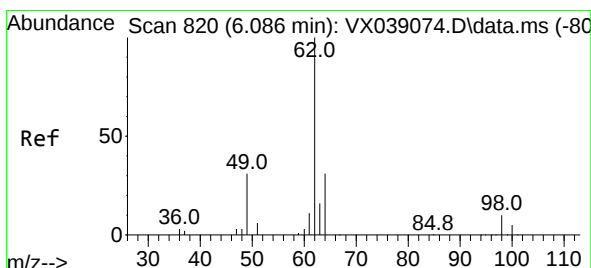
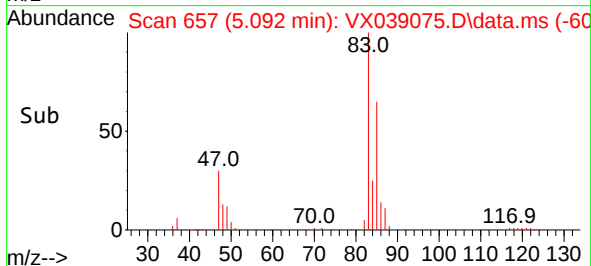
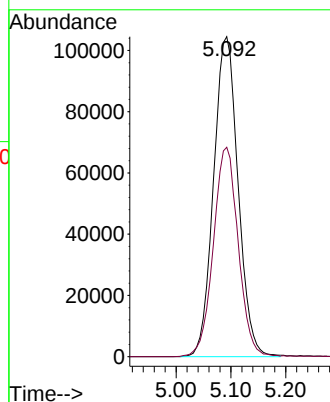
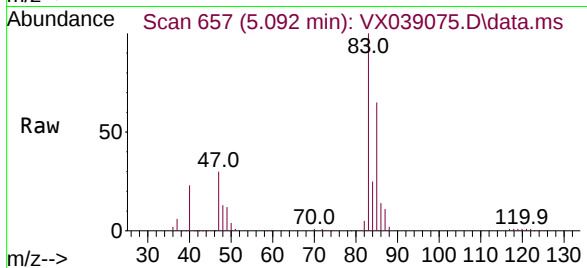




#25
Chloroform
Concen: 90.673 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

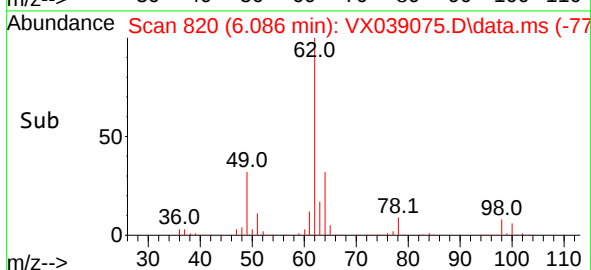
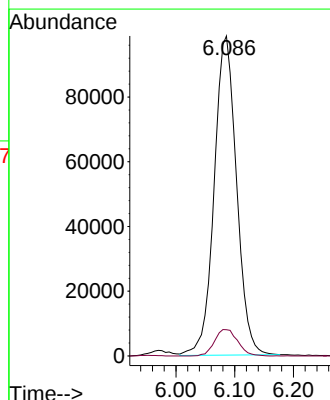
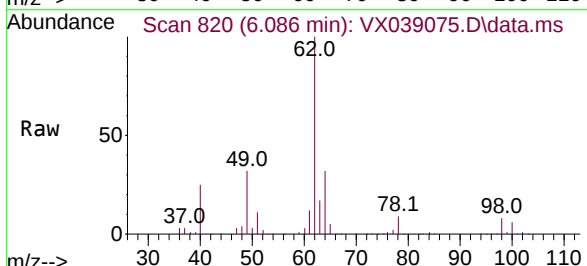
Instrument :
MSVOA_X
ClientSampleId :

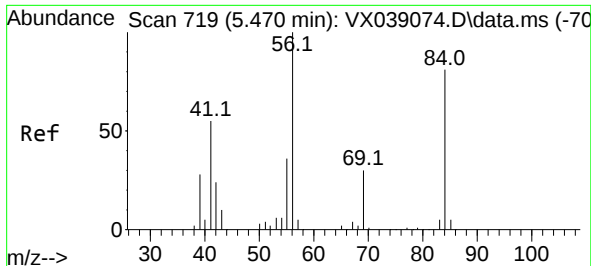
Tgt Ion: 83 Resp: 324806
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 92.291 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

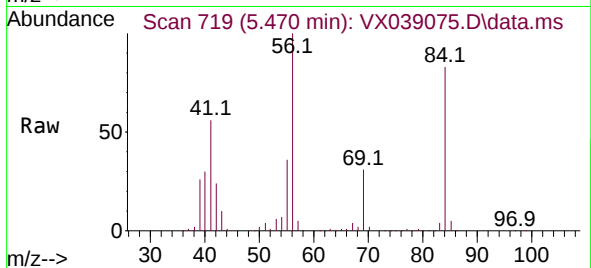
Tgt Ion: 62 Resp: 260931
Ion Ratio Lower Upper
62 100
98 8.2 8.0 12.0



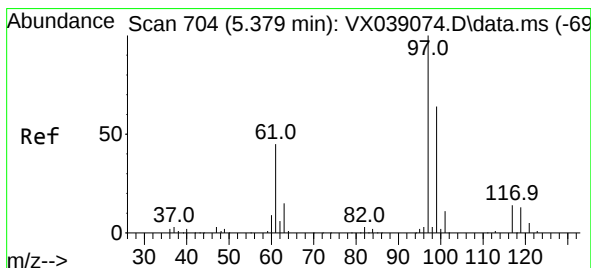
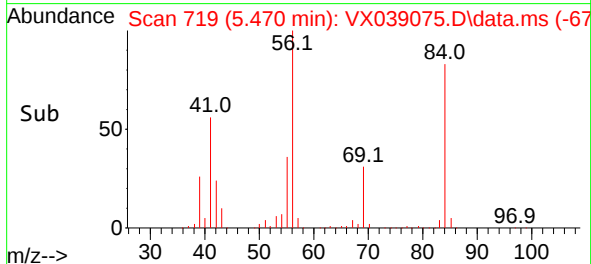
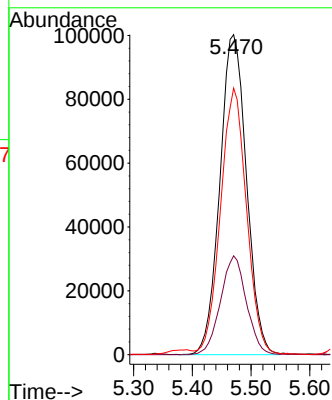


#29
Cyclohexane
Concen: 89.882 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :

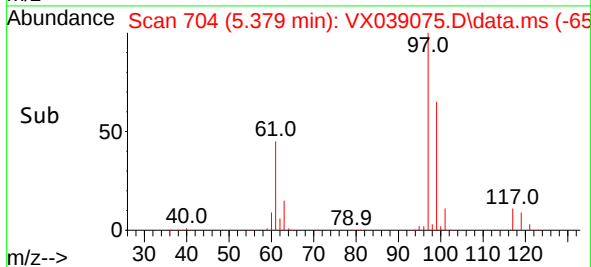
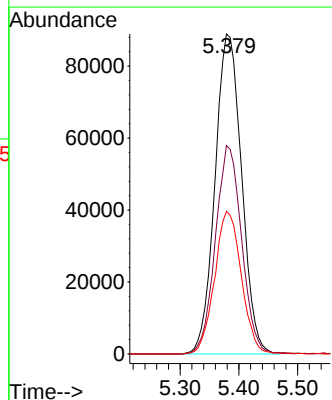
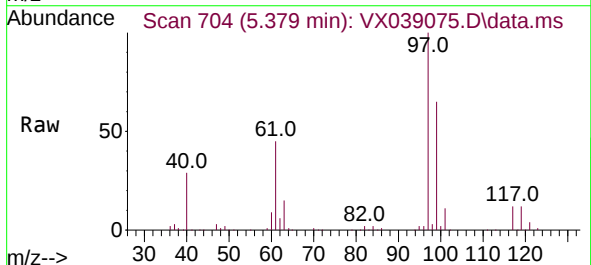


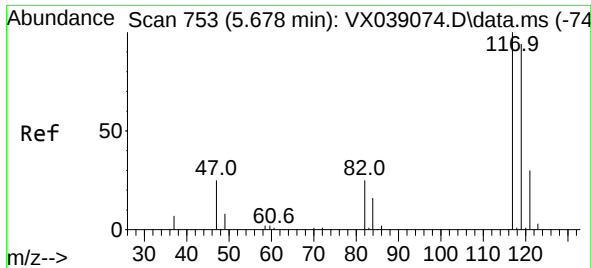
Tgt Ion: 56 Resp: 315887
Ion Ratio Lower Upper
56 100
69 29.9 24.5 36.7
84 80.8 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 91.806 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

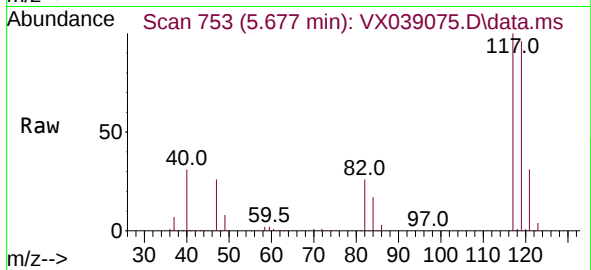
Tgt Ion: 97 Resp: 279850
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 44.7 36.7 55.1



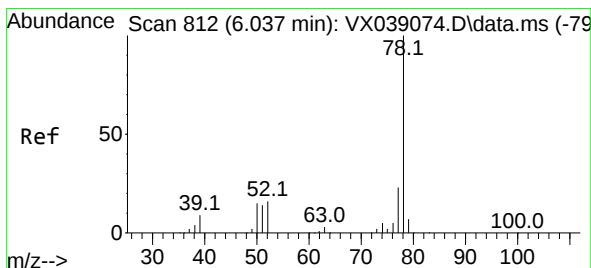
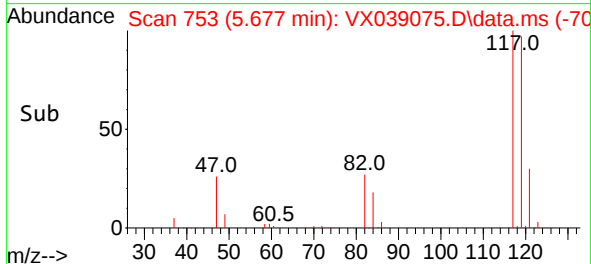
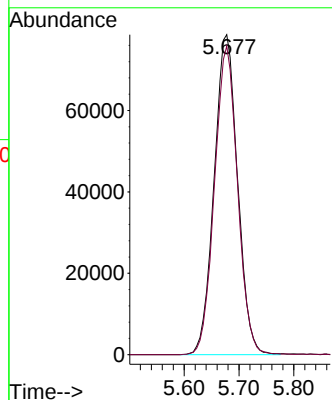


#31
Carbon tetrachloride
Concen: 91.967 ug/L
RT: 5.677 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :

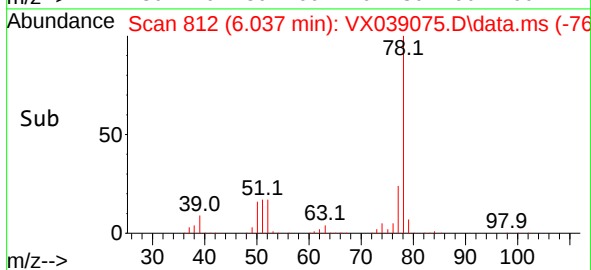
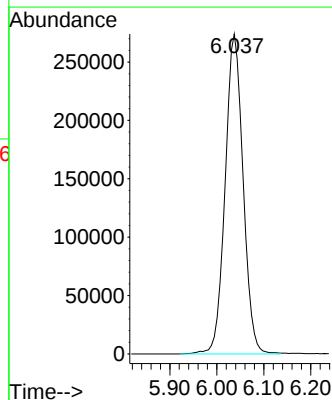
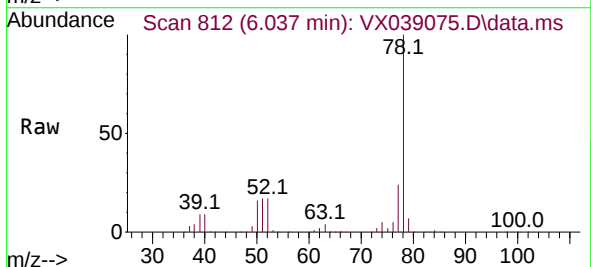


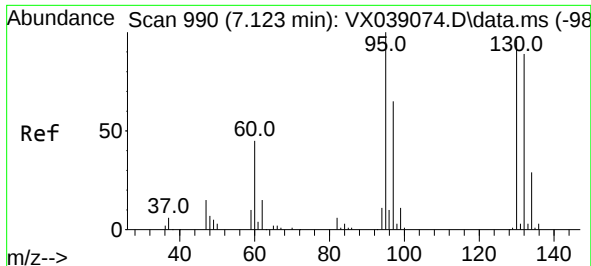
Tgt Ion:117 Resp: 233891
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.4



#33
Benzene
Concen: 91.319 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

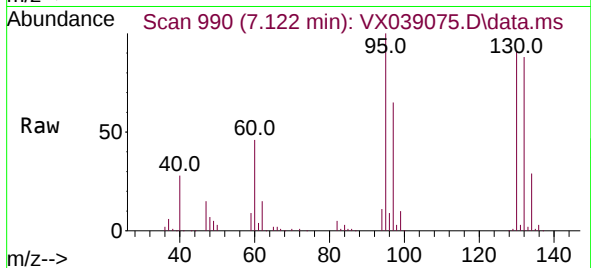
Tgt Ion: 78 Resp: 729088



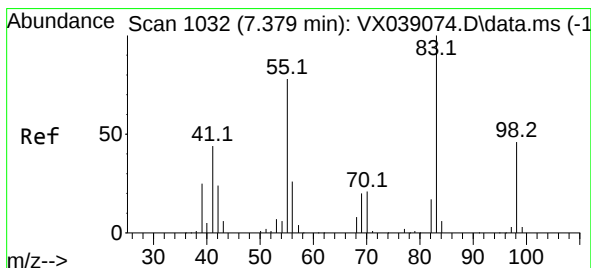
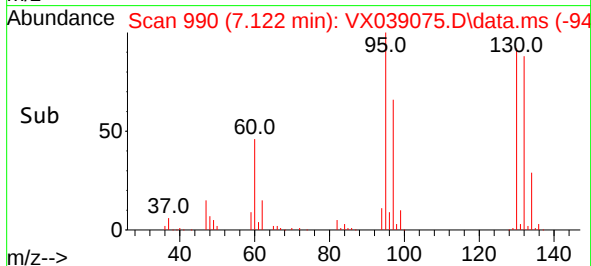
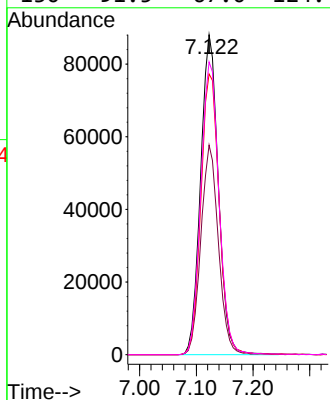


#34
Trichloroethene
Concen: 91.054 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :

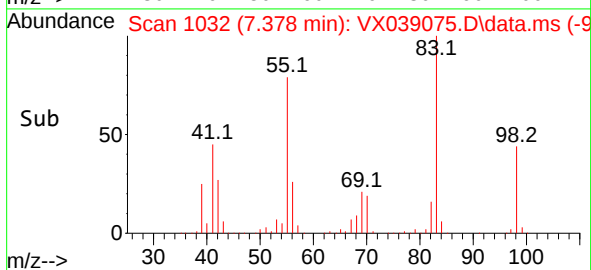
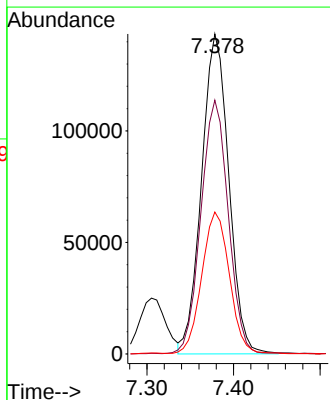
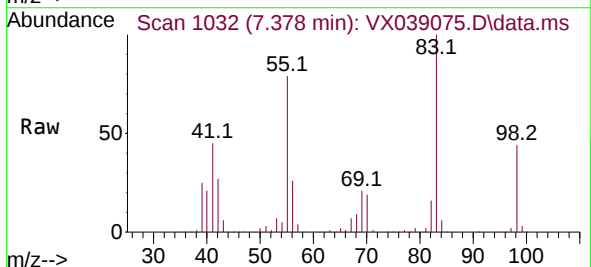


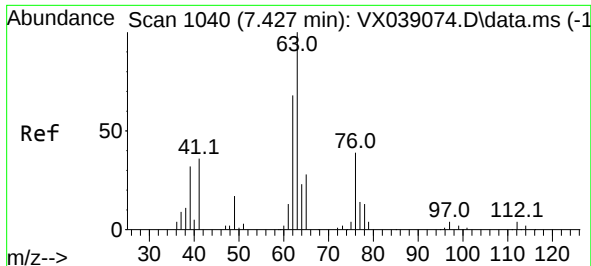
Tgt Ion:	95	Resp:	192121
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.5	84.5
132	87.7	62.2	115.4
130	91.5	67.0	124.4



#35
Methylcyclohexane
Concen: 89.205 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Tgt Ion:	83	Resp:	313471
Ion	Ratio	Lower	Upper
83	100		
55	79.3	62.5	93.7
98	45.1	36.1	54.1





#37

1,2-Dichloropropane

Concen: 90.542 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

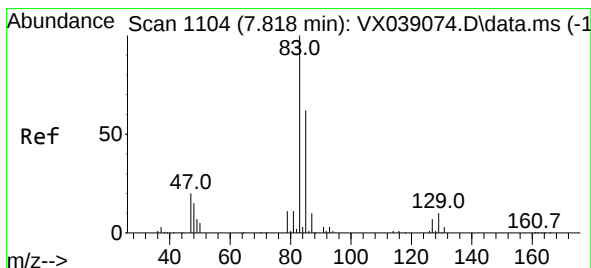
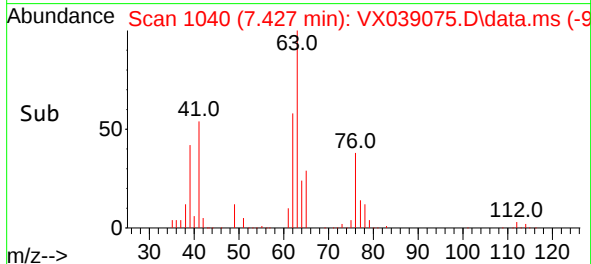
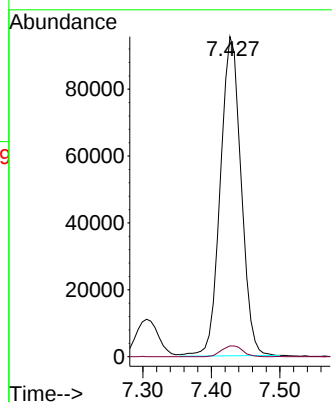
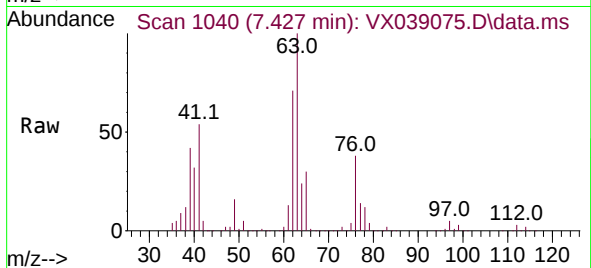
ClientSampleId :

Tgt Ion: 63 Resp: 200483

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 92.148 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

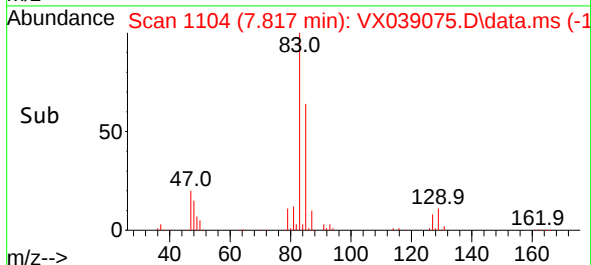
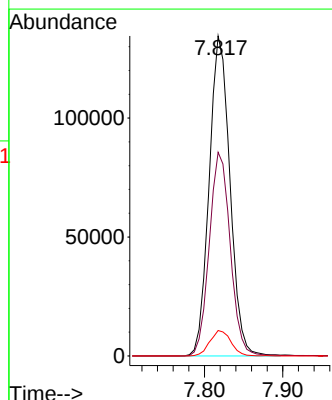
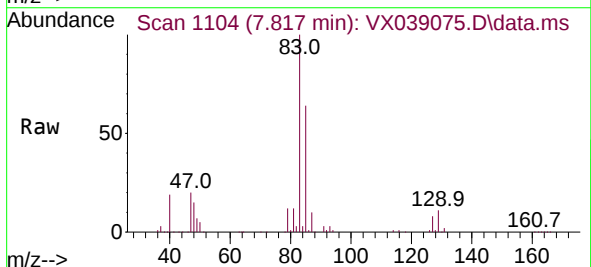
Tgt Ion: 83 Resp: 248172

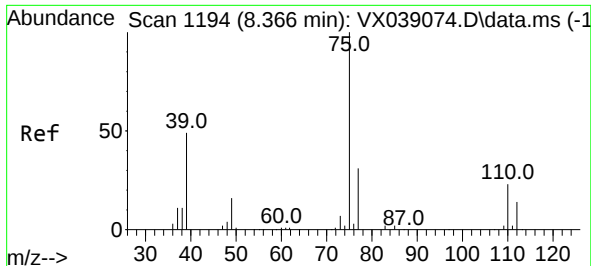
Ion Ratio Lower Upper

83 100

85 63.6 43.3 80.5

127 7.9 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 92.827 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

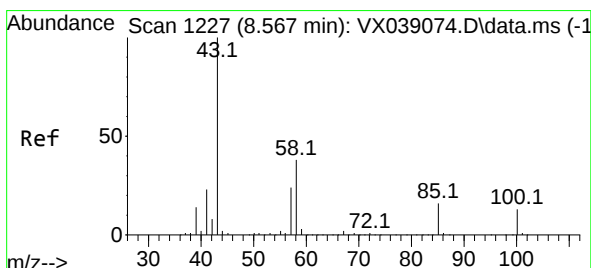
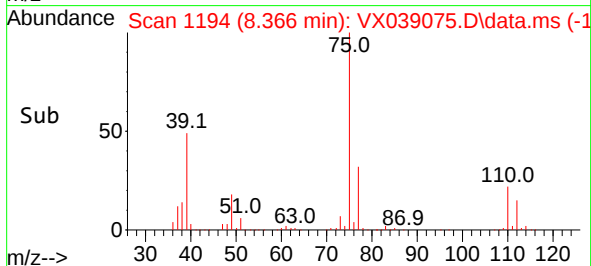
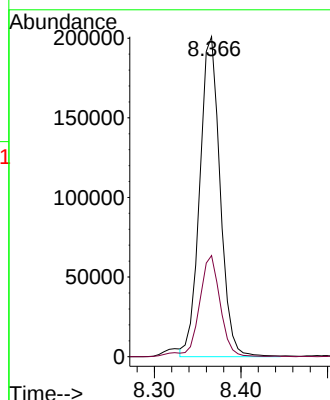
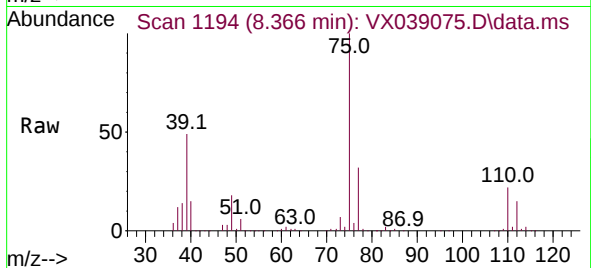
ClientSampleId :

Tgt Ion: 75 Resp: 327825

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 187.666 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

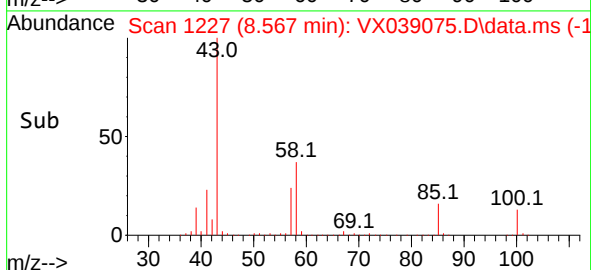
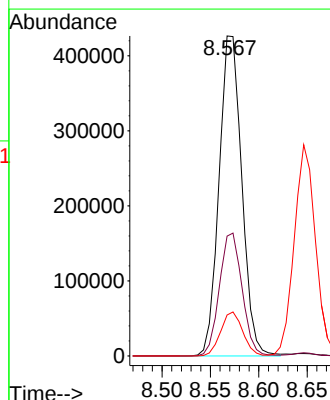
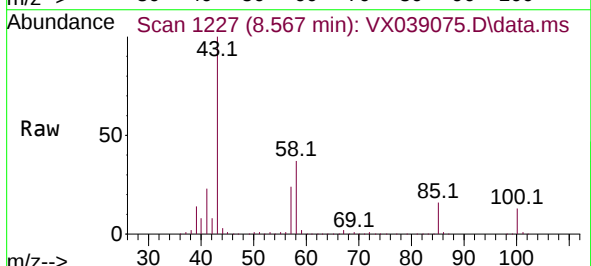
Tgt Ion: 43 Resp: 696442

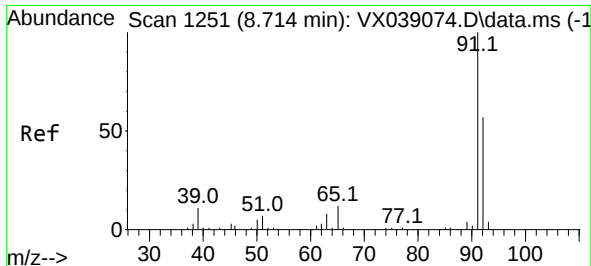
Ion Ratio Lower Upper

43 100

58 38.3 30.9 46.3

100 13.5 10.6 16.0





#42

Toluene

Concen: 90.182 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

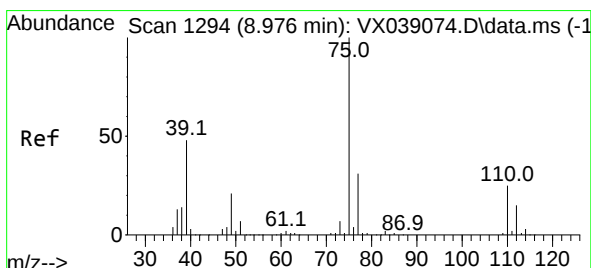
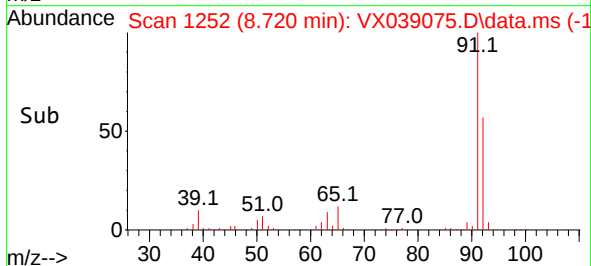
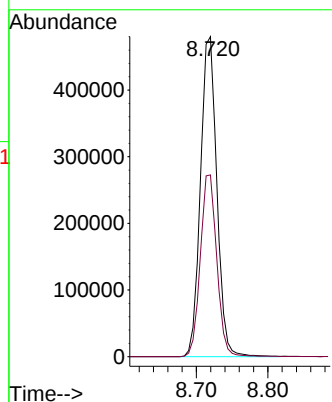
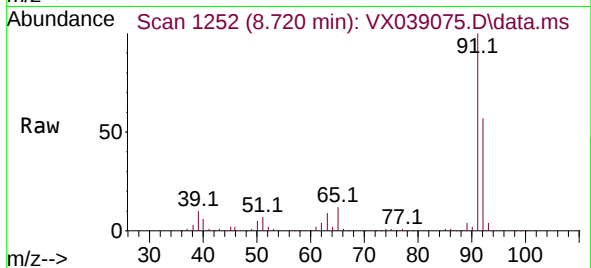
ClientSampleId :

Tgt Ion: 91 Resp: 763518

Ion Ratio Lower Upper

91 100

92 56.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 94.651 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039075.D

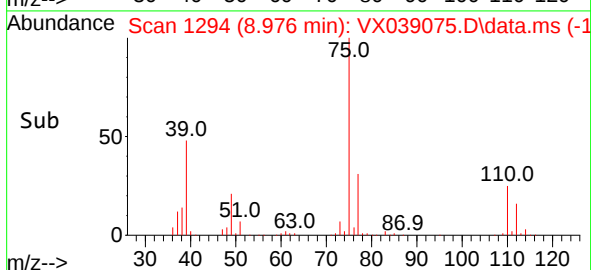
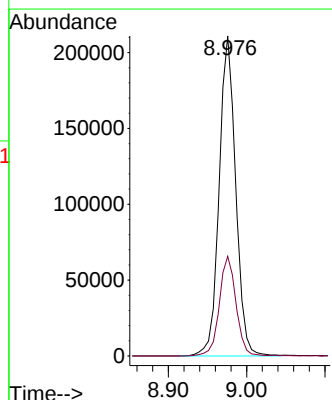
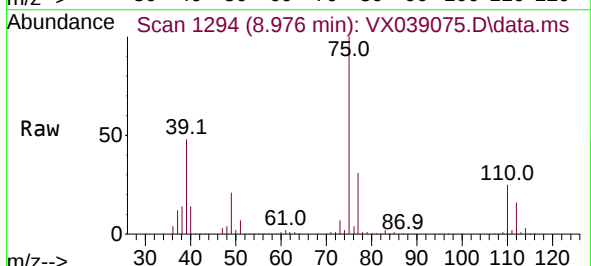
Acq: 05 Dec 2023 11:24

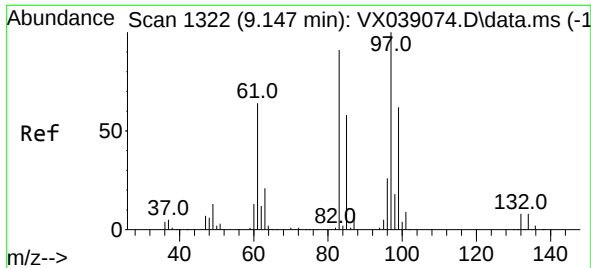
Tgt Ion: 75 Resp: 310197

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 91.430 ug/L

RT: 9.152 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 185529

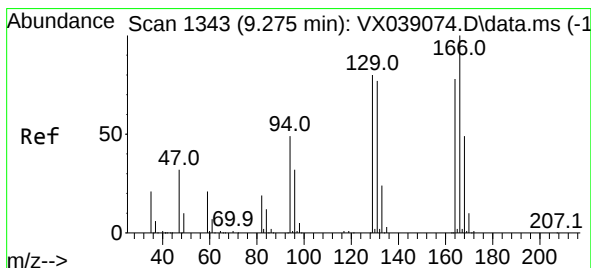
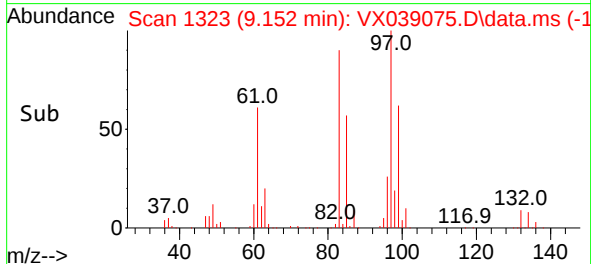
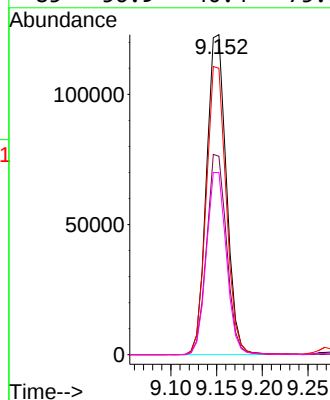
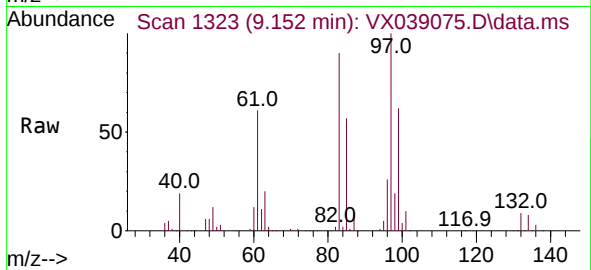
Ion Ratio Lower Upper

97 100

99 62.0 43.1 80.1

83 89.5 64.0 118.8

85 56.9 40.4 75.0



#46

Tetrachloroethene

Concen: 91.057 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Tgt Ion:164 Resp: 126740

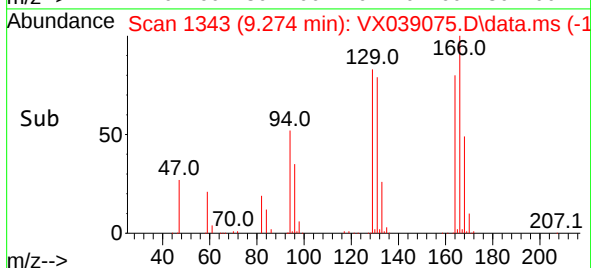
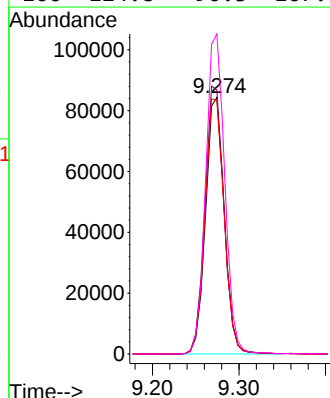
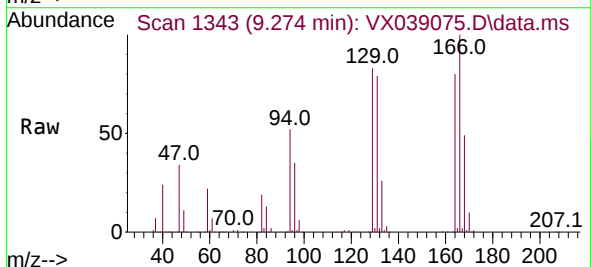
Ion Ratio Lower Upper

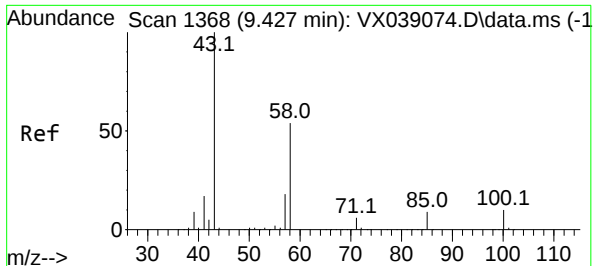
164 100

129 102.9 71.9 133.5

131 98.9 69.5 129.1

166 124.8 90.3 167.7





#48

2-Hexanone

Concen: 188.812 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

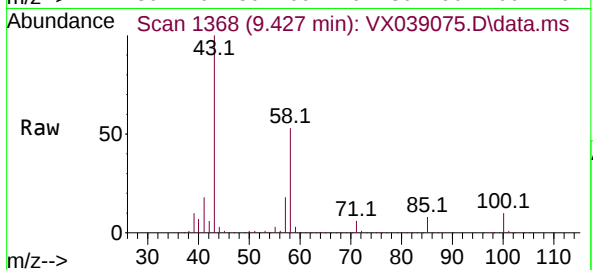
Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 586451

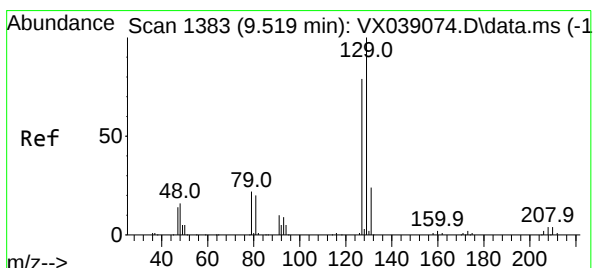
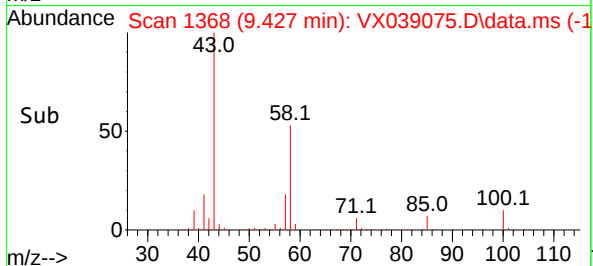
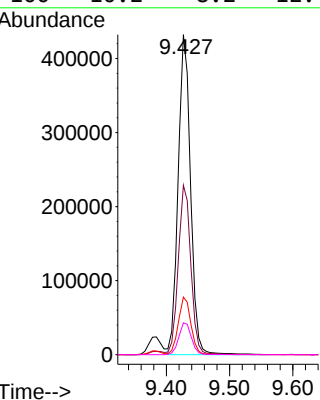
Ion Ratio Lower Upper

43 100

58 53.6 43.0 64.6

57 18.3 14.6 21.8

100 10.2 8.2 12.4



#49

Dibromochloromethane

Concen: 94.212 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX039075.D

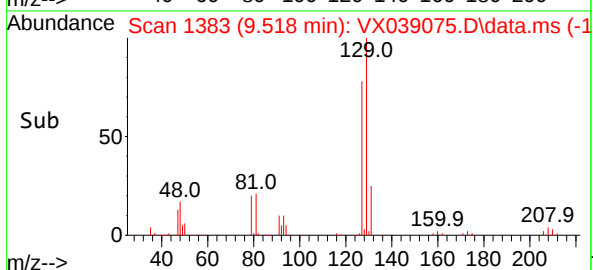
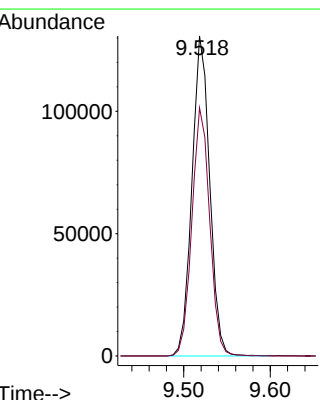
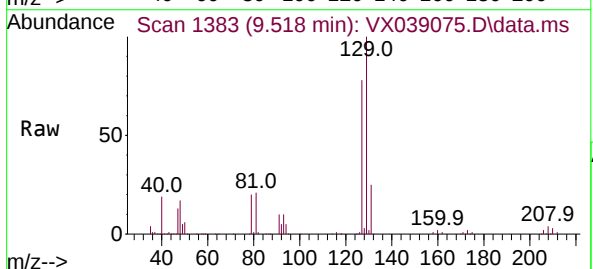
Acq: 05 Dec 2023 11:24

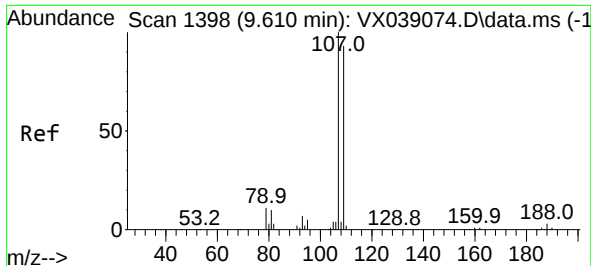
Tgt Ion:129 Resp: 186244

Ion Ratio Lower Upper

129 100

127 77.6 55.2 102.4

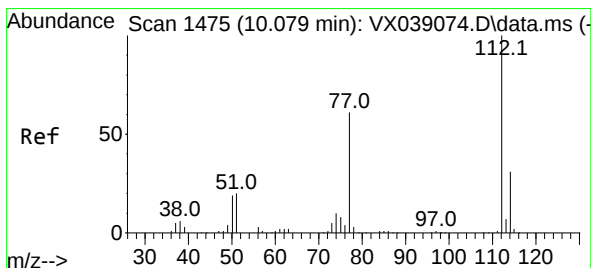
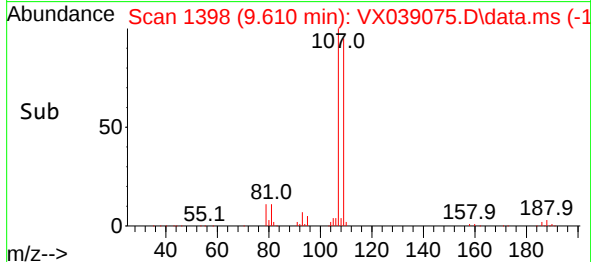
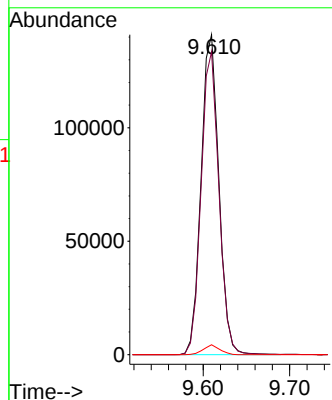
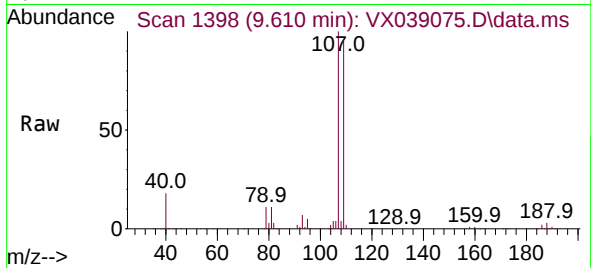




#50
1,2-Dibromoethane
Concen: 92.598 ug/L
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

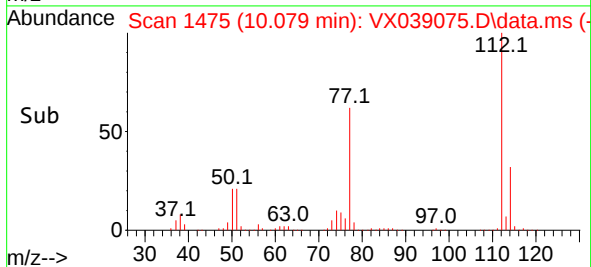
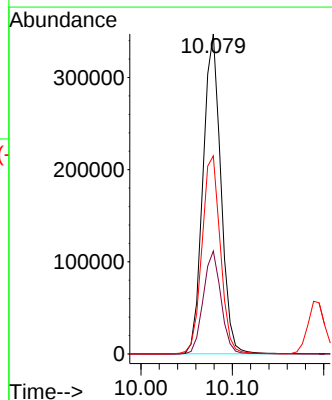
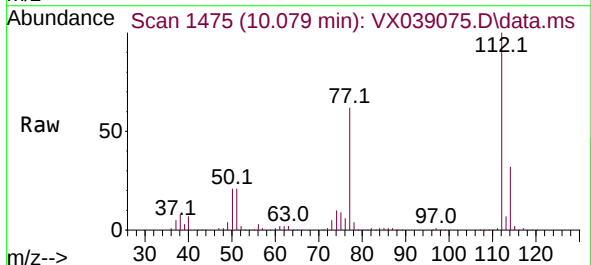
Instrument :
MSVOA_X
ClientSampleId :

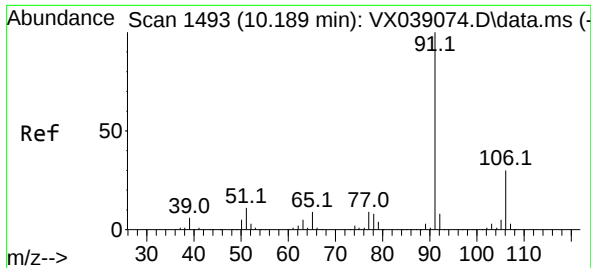
Tgt Ion:107 Resp: 201303
Ion Ratio Lower Upper
107 100
109 94.7 65.2 121.0
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 89.899 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Tgt Ion:112 Resp: 470139
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.4
77 61.9 49.0 73.6





#52

Ethylbenzene

Concen: 90.243 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

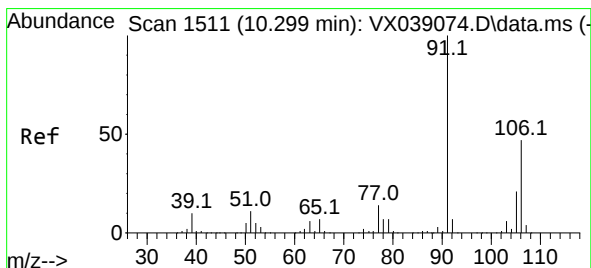
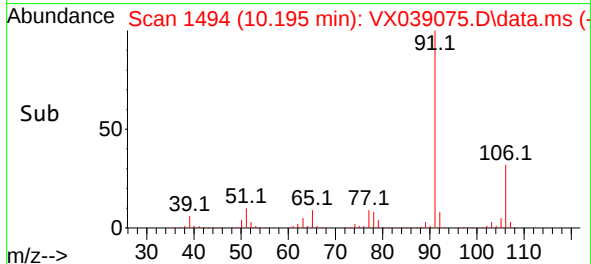
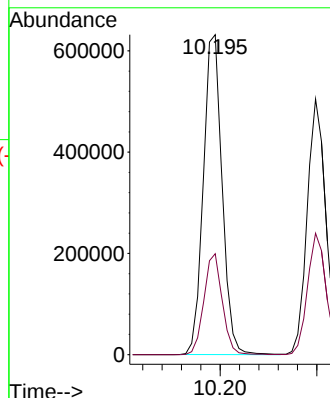
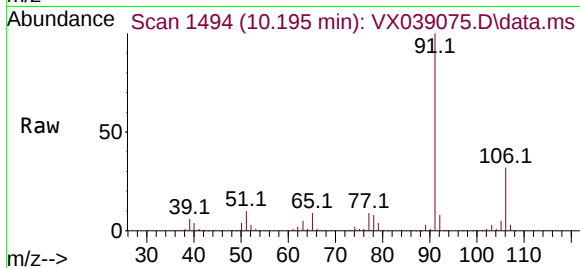
ClientSampleId :

Tgt Ion: 91 Resp: 854149

Ion Ratio Lower Upper

91 100

106 31.6 21.2 39.4



#53

m,p-Xylene

Concen: 90.656 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039075.D

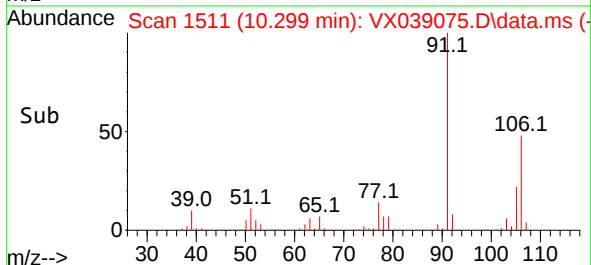
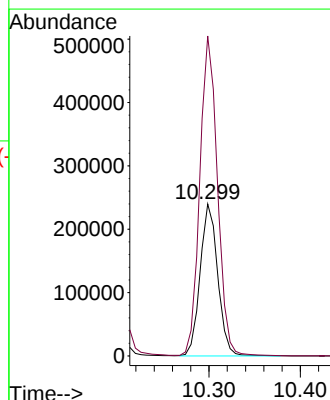
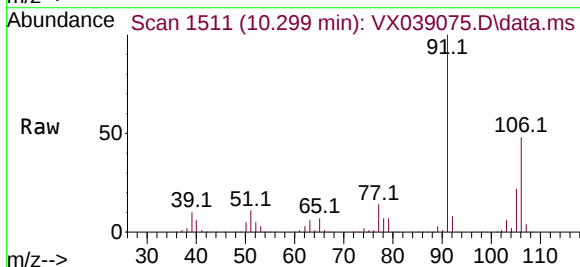
Acq: 05 Dec 2023 11:24

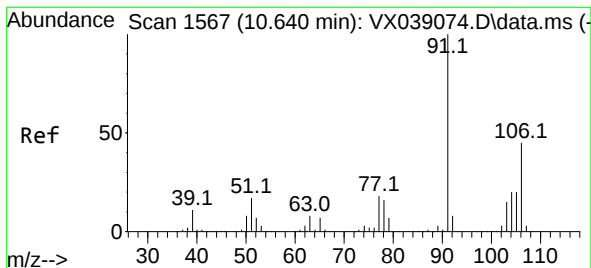
Tgt Ion:106 Resp: 320820

Ion Ratio Lower Upper

106 100

91 210.4 149.0 276.8





#54

o-Xylene

Concen: 90.405 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

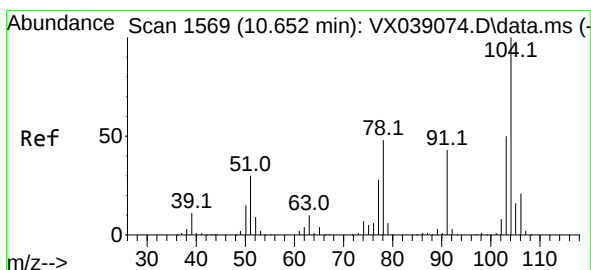
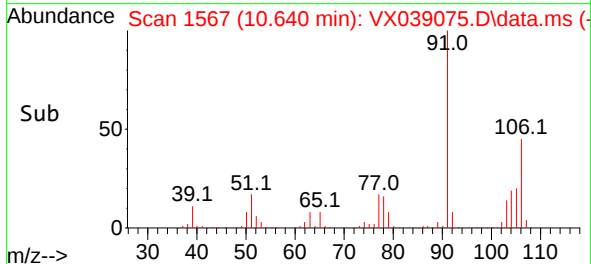
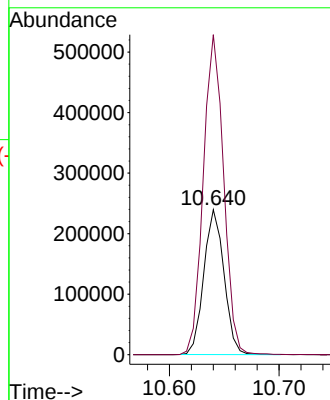
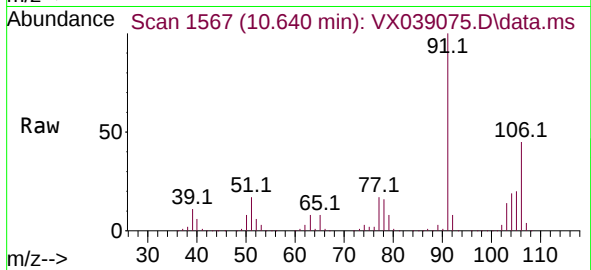
ClientSampleId :

Tgt Ion:106 Resp: 306991

Ion Ratio Lower Upper

106 100

91 220.8 156.2 290.0



#55

Styrene

Concen: 91.834 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039075.D

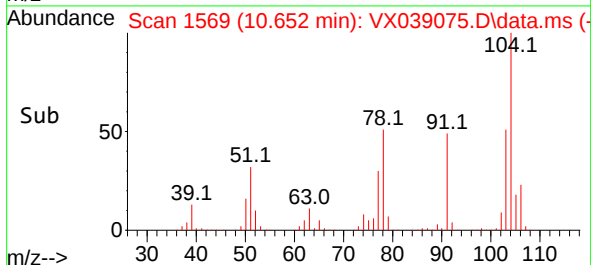
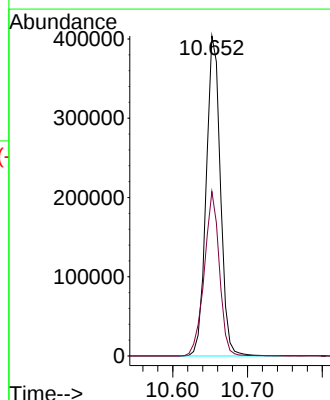
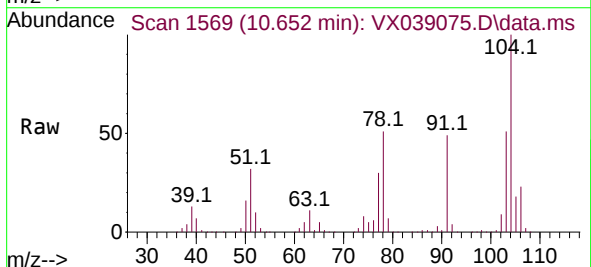
Acq: 05 Dec 2023 11:24

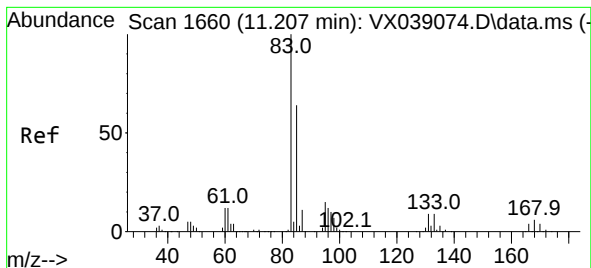
Tgt Ion:104 Resp: 533575

Ion Ratio Lower Upper

104 100

78 51.4 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 92.586 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

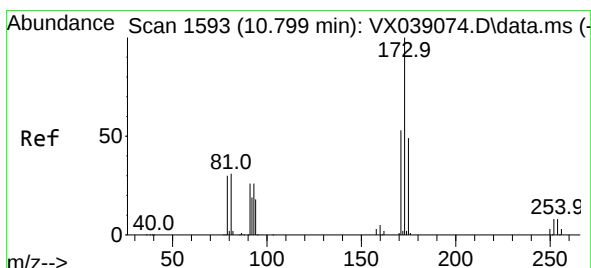
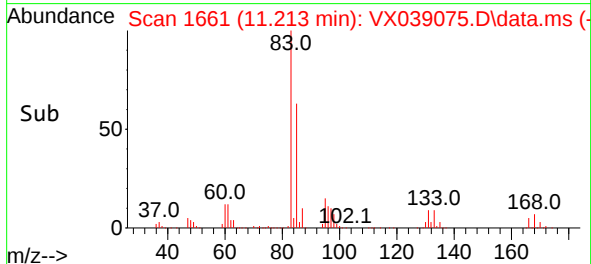
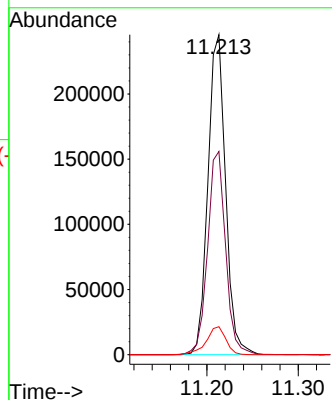
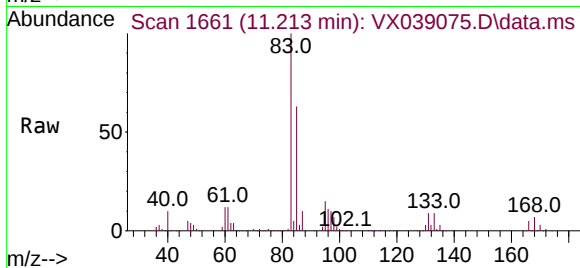
Tgt Ion: 83 Resp: 327880

Ion Ratio Lower Upper

83 100

85 63.5 45.2 84.0

131 8.8 7.2 10.8



#59

Bromoform

Concen: 94.293 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

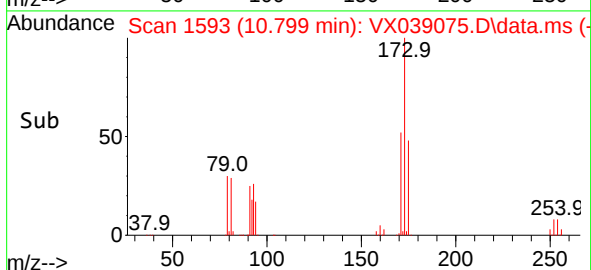
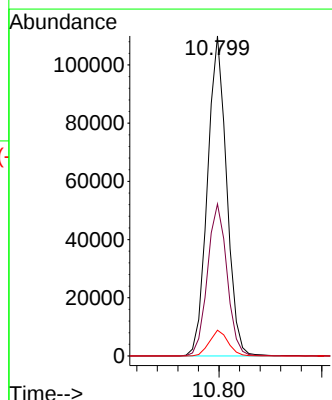
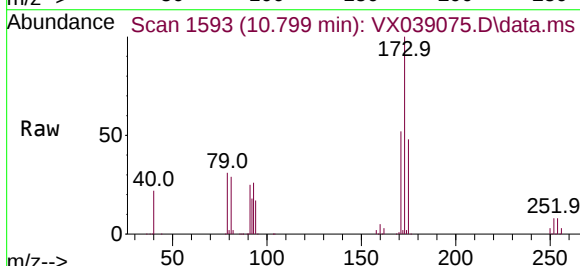
Tgt Ion:173 Resp: 142219

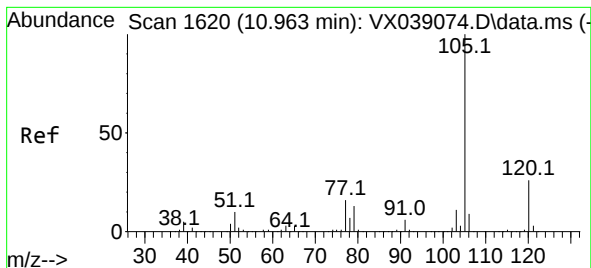
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

254 7.9 6.2 9.2





#60

Isopropylbenzene

Concen: 88.418 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

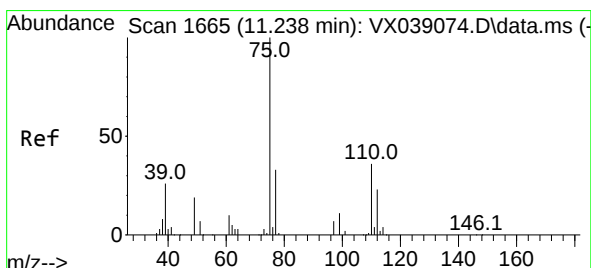
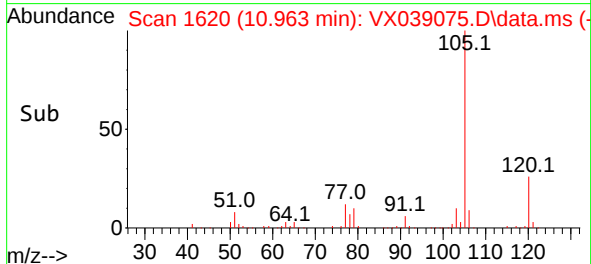
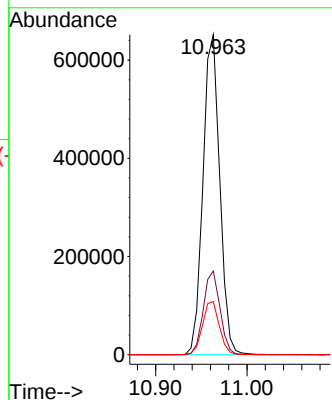
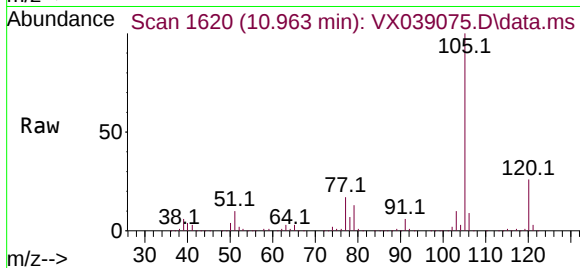
Tgt Ion:105 Resp: 829132

Ion Ratio Lower Upper

105 100

120 25.9 20.5 30.7

77 16.7 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 90.407 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

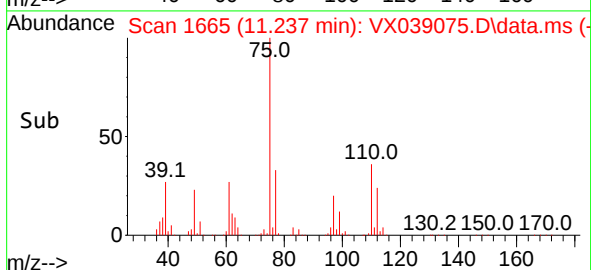
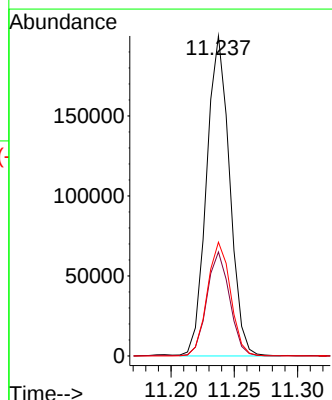
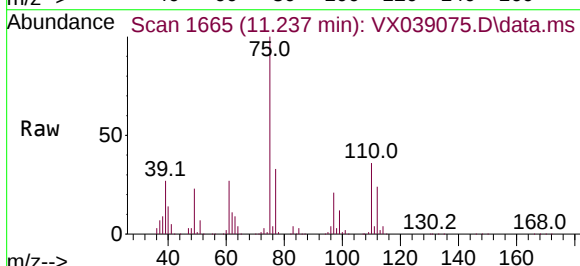
Tgt Ion: 75 Resp: 254159

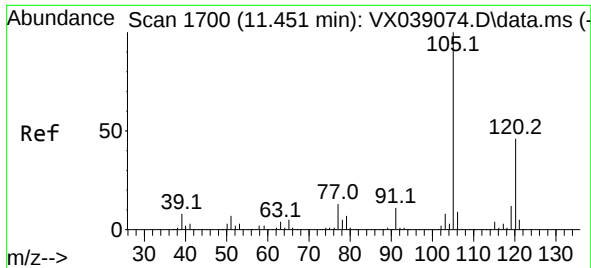
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

110 35.6 28.4 42.6

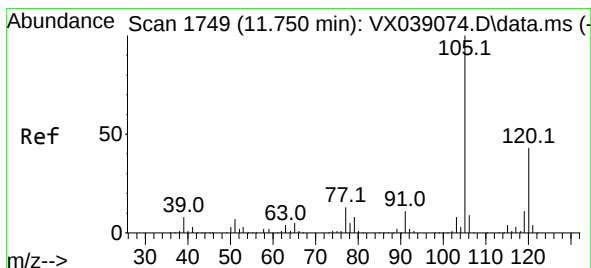
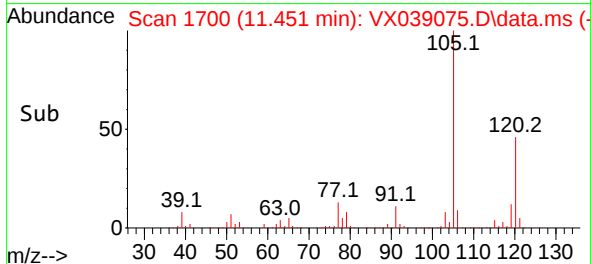
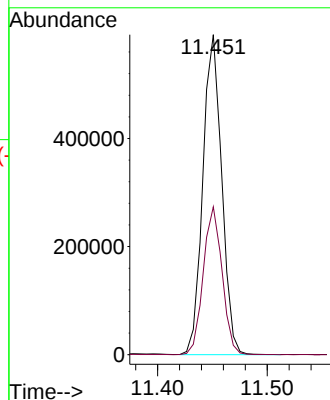
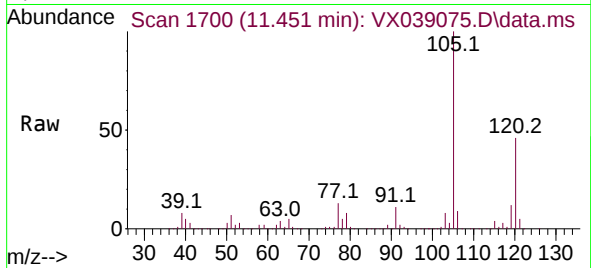




#62
1,3,5-Trimethylbenzene
Concen: 89.391 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

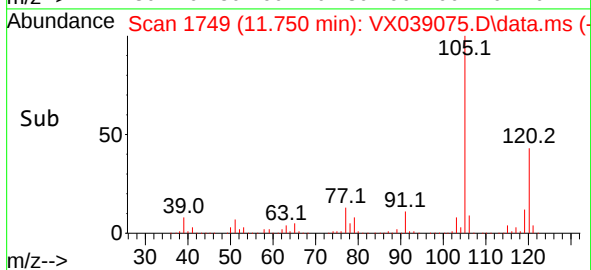
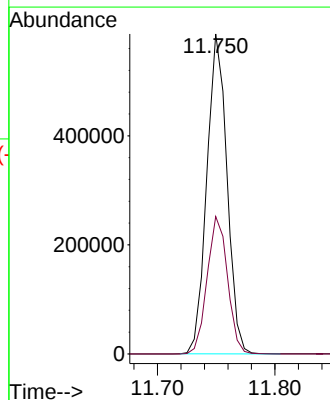
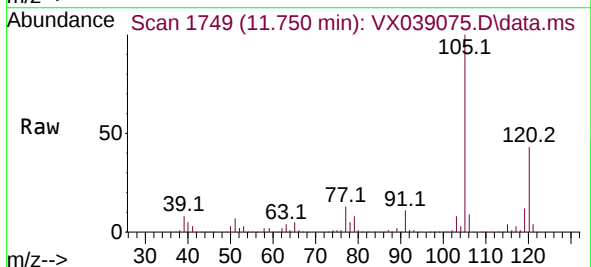
Instrument :
MSVOA_X
ClientSampleId :

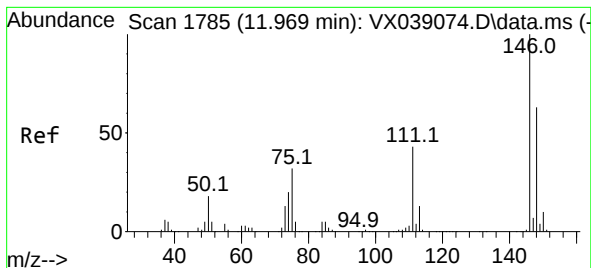
Tgt Ion:105 Resp: 707693
Ion Ratio Lower Upper
105 100
120 46.0 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 90.060 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039075.D
Acq: 05 Dec 2023 11:24

Tgt Ion:105 Resp: 699129
Ion Ratio Lower Upper
105 100
120 43.4 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 88.922 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

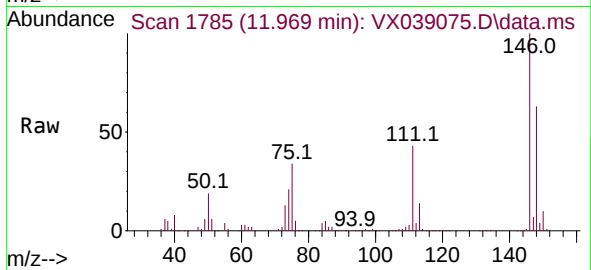
Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :



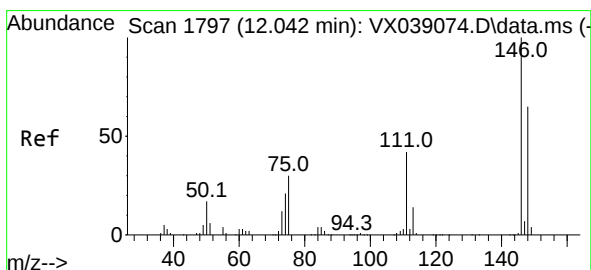
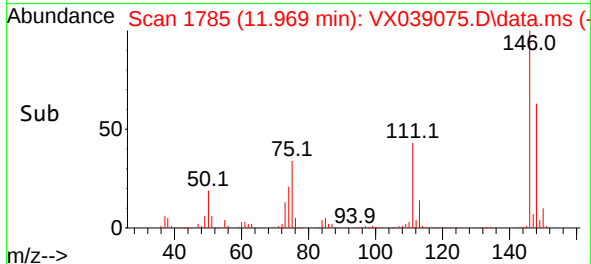
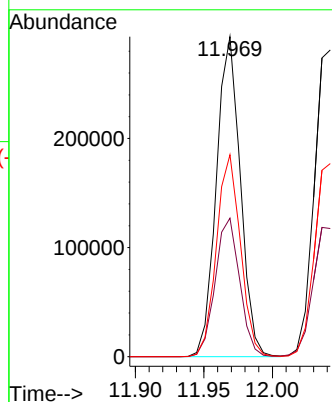
Tgt Ion:146 Resp: 356908

Ion Ratio Lower Upper

146 100

111 43.3 30.0 55.6

148 63.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 88.876 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

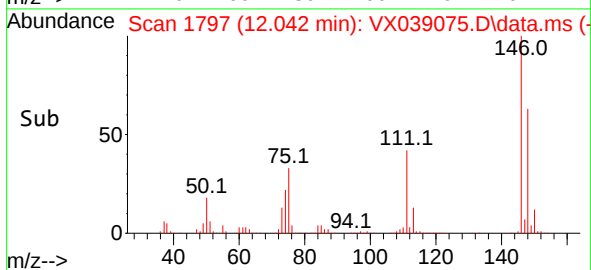
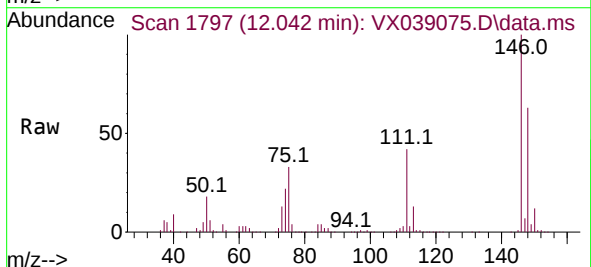
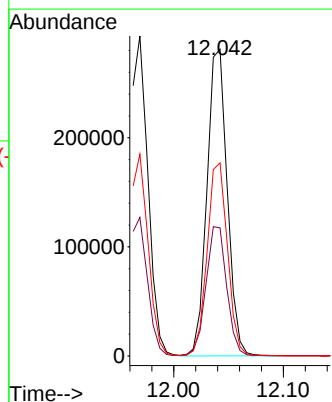
Tgt Ion:146 Resp: 361479

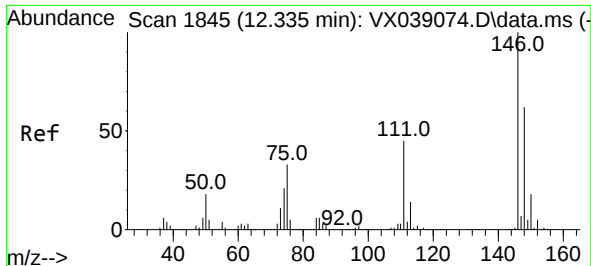
Ion Ratio Lower Upper

146 100

111 41.8 29.7 55.1

148 63.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 89.301 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

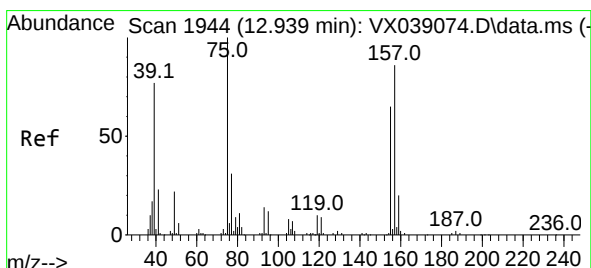
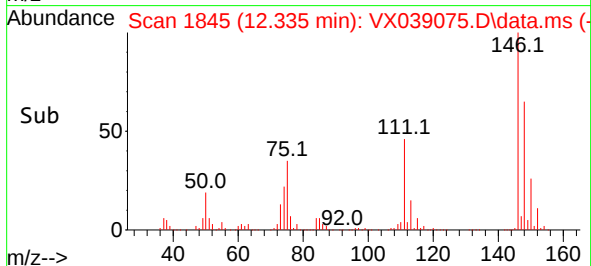
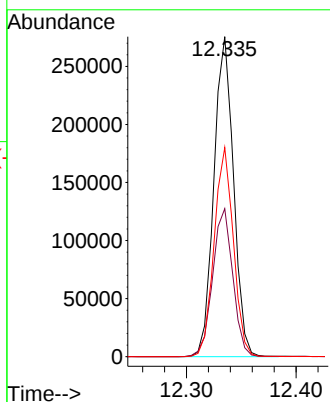
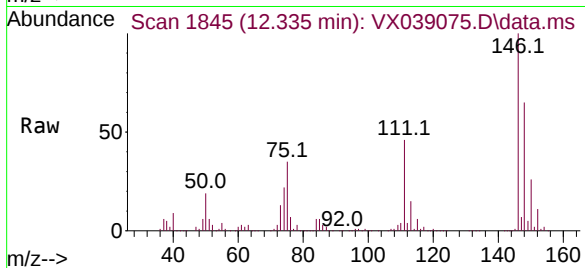
Tgt Ion:146 Resp: 342866

Ion Ratio Lower Upper

146 100

111 46.2 36.4 54.6

148 65.4 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 94.138 ug/L

RT: 12.938 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

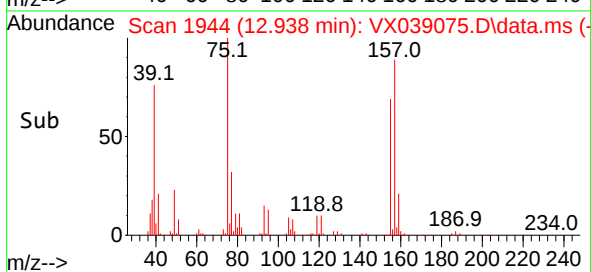
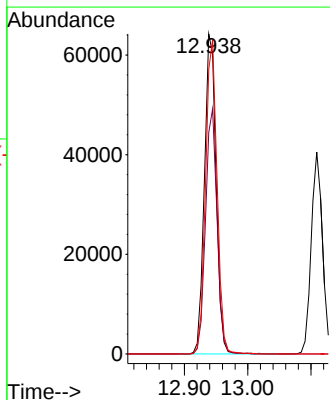
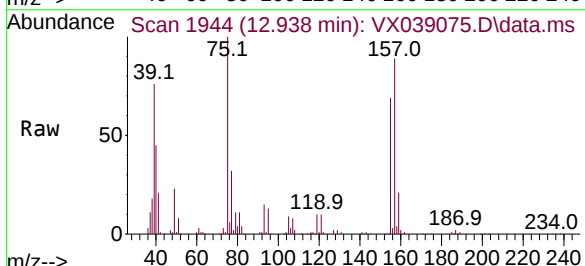
Tgt Ion: 75 Resp: 82595

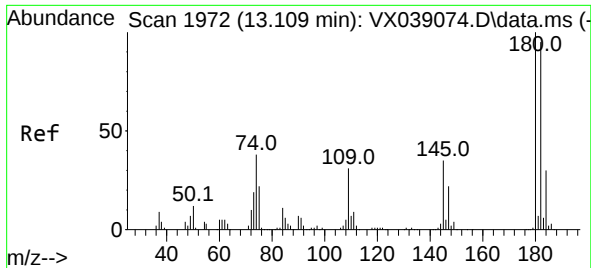
Ion Ratio Lower Upper

75 100

155 69.3 52.3 78.5

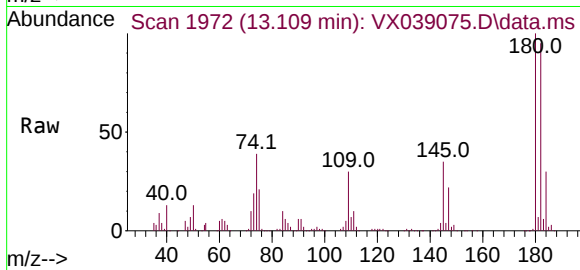
157 88.9 68.7 103.1



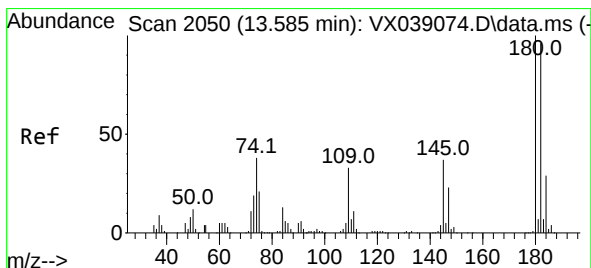
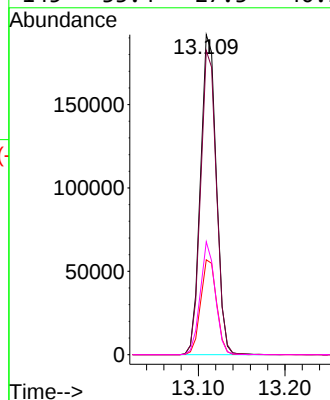
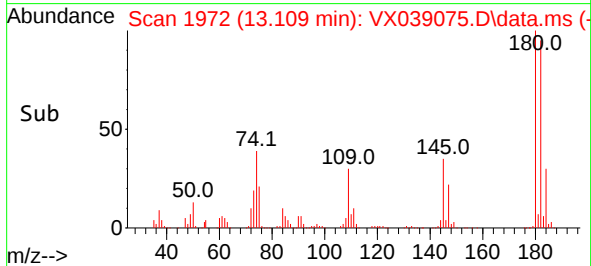


#69
 1,3,5-Trichlorobenzene
 Concen: 91.766 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX039075.D
 Acq: 05 Dec 2023 11:24

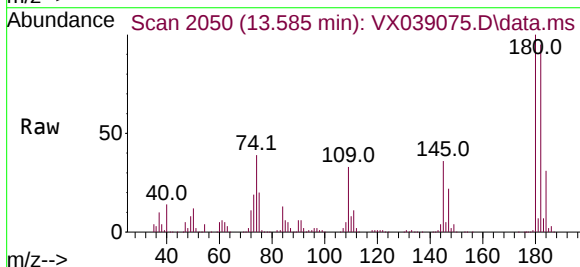
Instrument :
 MSVOA_X
 ClientSampleId :



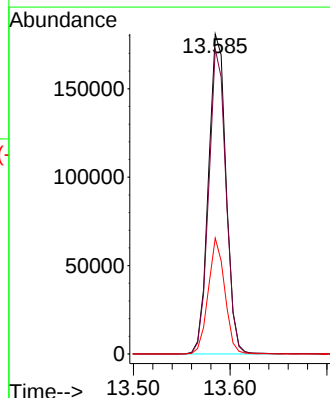
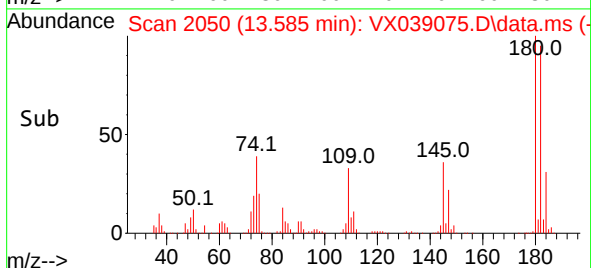
Tgt Ion:180 Resp: 243583
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.1 114.1
 184 29.8 24.1 36.1
 145 33.4 27.3 40.9

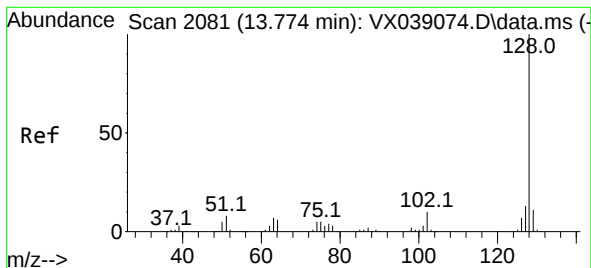


#70
 1,2,4-trichlorobenzene
 Concen: 91.129 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039075.D
 Acq: 05 Dec 2023 11:24



Tgt Ion:180 Resp: 228036
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.8 115.2
 145 34.1 27.8 41.6





#71

Naphthalene

Concen: 92.303 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

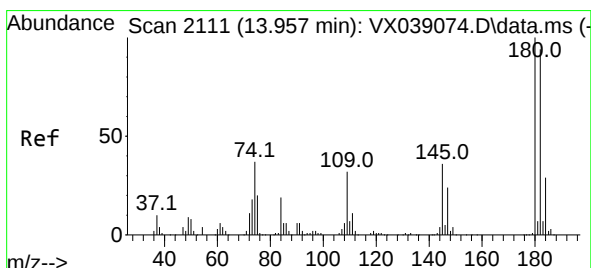
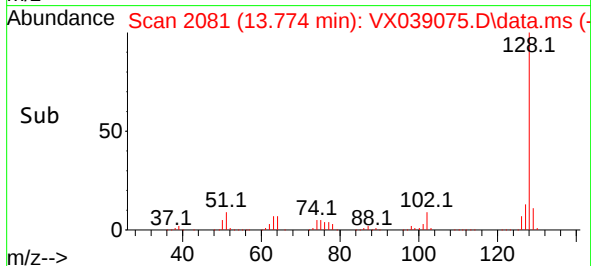
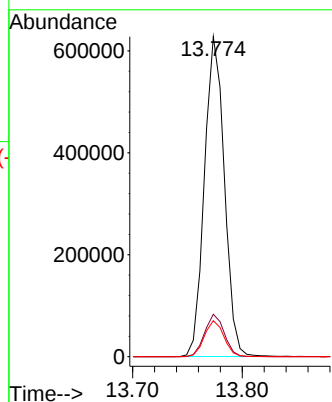
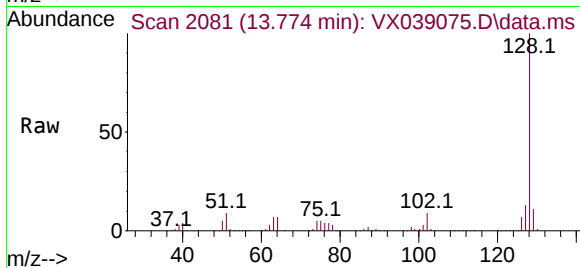
Tgt Ion:128 Resp: 792129

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 89.164 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039075.D

Acq: 05 Dec 2023 11:24

Tgt Ion:180 Resp: 216038

Ion Ratio Lower Upper

180 100

182 96.3 75.9 113.9

145 36.7 28.6 42.8

