

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039076.D
 Acq On : 05 Dec 2023 11:47
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 02:11:07 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	260149	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	246429	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	411716	201.775	ug/L	0.00
7) Chloroethane-d5	1.654	69	293402	194.537	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.300	65	182390	203.631	ug/L	0.00
21) 2-Butanone-d5	4.452	46	769690	416.719	ug/L	0.00
24) Chloroform-d	5.056	84	750688	207.826	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	466863	199.573	ug/L	0.00
32) Benzene-d6	5.976	84	1526436	200.707	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	505004	206.332	ug/L	0.00
41) Toluene-d8	8.647	98	1366773	198.309	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	266001	213.567	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	627503	429.257	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	730293	210.334	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	479820	195.812	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	413115	199.125	ug/L	100
3) Chloromethane	1.294	50	446673	205.987	ug/L	99
5) Vinyl chloride	1.374	62	423638	198.223	ug/L	99
6) Bromomethane	1.599	94	192464	166.842	ug/L	99
8) Chloroethane	1.672	64	234024	193.690	ug/L	99
9) Trichlorofluoromethane	1.880	101	553703	199.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	354138	198.765	ug/L	99
12) 1,1-Dichloroethene	2.319	96	337648	201.471	ug/L	81
13) Acetone	2.379	43	667083	375.951	ug/L	99
14) Carbon disulfide	2.508	76	1088994	204.200	ug/L	100
15) Methyl Acetate	2.703	43	518440	204.416	ug/L	100
16) Methylene chloride	2.788	84	393009	204.107	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	356545	201.917	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	1248279	203.090	ug/L	100
19) 1,1-Dichloroethane	3.605	63	708679	202.973	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	413788	202.032	ug/L	99
22) 2-Butanone	4.550	43	870586	399.787	ug/L	98
23) Bromochloromethane	4.897	128	198218	205.879	ug/L	97
25) Chloroform	5.086	83	704635	202.335	ug/L	100
27) 1,2-Dichloroethane	6.086	62	561039	204.117	ug/L	98
29) Cyclohexane	5.470	56	689232	199.937	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	601737	201.252	ug/L	99
31) Carbon tetrachloride	5.678	117	515516	206.654	ug/L	99
33) Benzene	6.037	78	1552856	198.288	ug/L	100
34) Trichloroethene	7.123	95	417190	201.578	ug/L	99
35) Methylcyclohexane	7.379	83	682126	197.897	ug/L	99
37) 1,2-Dichloropropane	7.427	63	436703	201.068	ug/L	100
38) Bromodichloromethane	7.818	83	547162	207.126	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	707331	204.193	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	1507194	414.052	ug/L	100
42) Toluene	8.720	91	1618652	194.911	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	677791	210.848	ug/L	99

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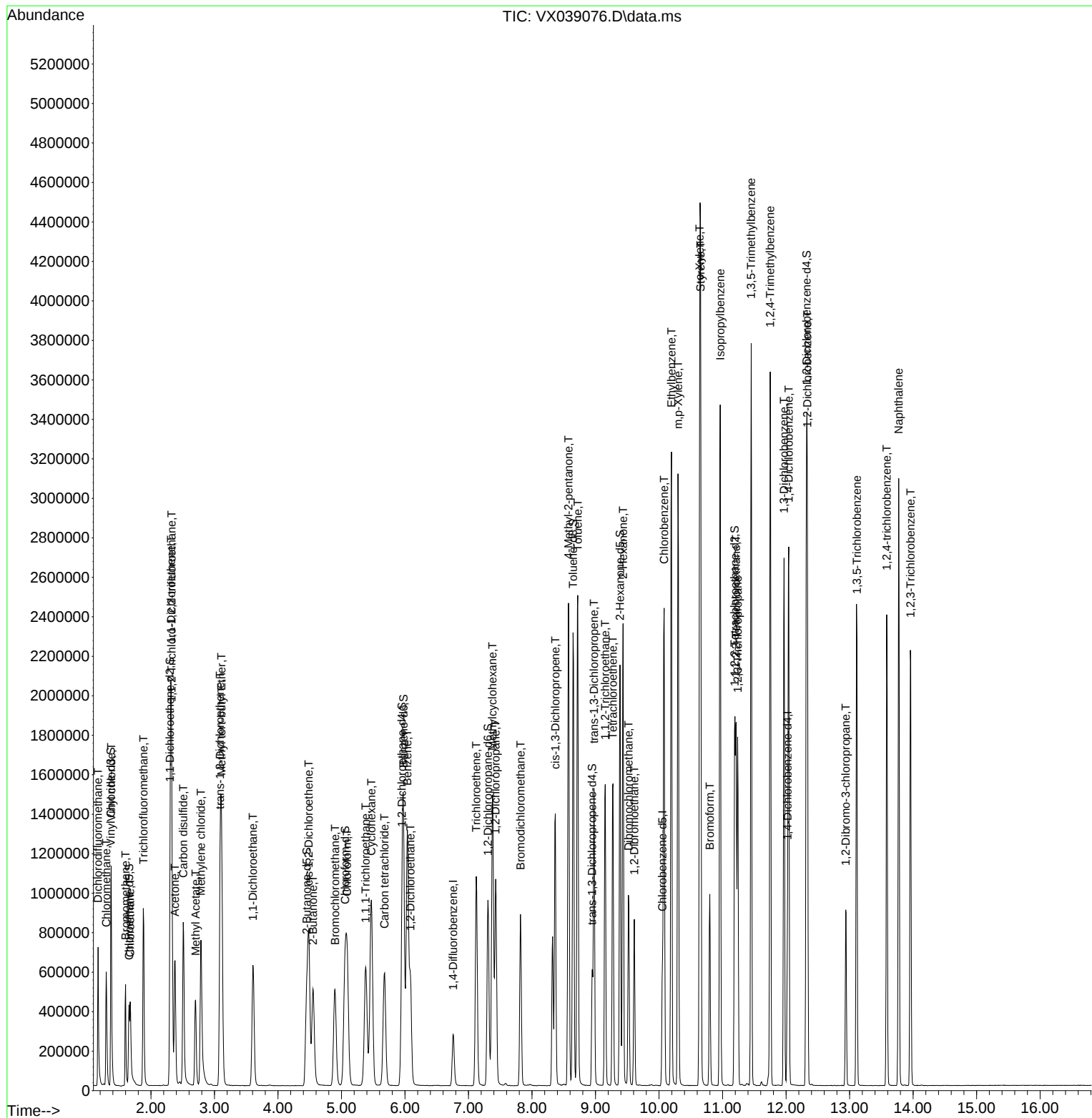
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	402713	202.328	ug/L	98
46) Tetrachloroethene	9.275	164	273340	200.210	ug/L	98
48) 2-Hexanone	9.433	43	1259294	413.343	ug/L	100
49) Dibromochloromethane	9.518	129	413711	213.356	ug/L	100
50) 1,2-Dibromoethane	9.610	107	437541	205.189	ug/L	98
51) Chlorobenzene	10.079	112	1018021	198.458	ug/L	97
52) Ethylbenzene	10.195	91	1836234	197.785	ug/L	98
53) m,p-Xylene	10.299	106	690738	198.991	ug/L	99
54) o-Xylene	10.640	106	665482	199.797	ug/L	100
55) Styrene	10.652	104	1162222	203.930	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	707684	203.730	ug/L	100
59) Bromoform	10.799	173	320983	210.673	ug/L	100
60) Isopropylbenzene	10.963	105	1790833	189.049	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	555693	195.675	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1555496	194.500	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1540061	196.388	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	790413	194.944	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	785813	191.260	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	740705	190.977	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	180570	203.733	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	528666	197.161	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	497545	196.830	ug/L	99
71) Naphthalene	13.774	128	1751372	202.023	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	486003	198.564	ug/L	99

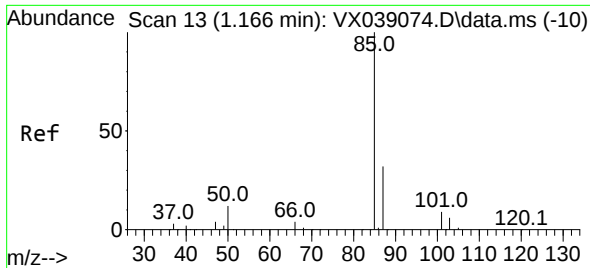
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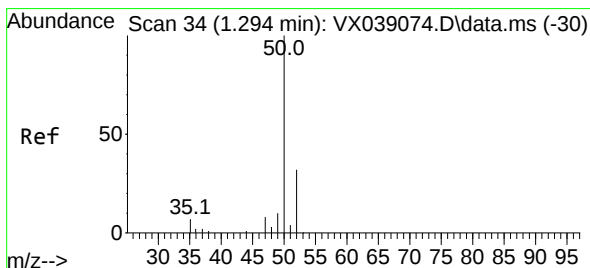
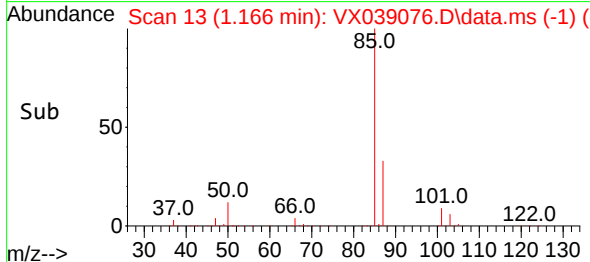
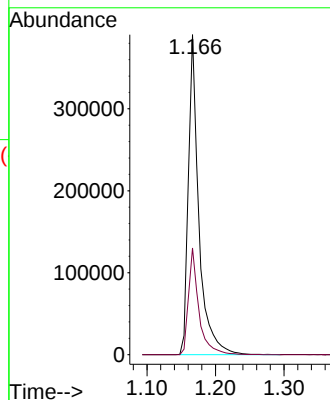
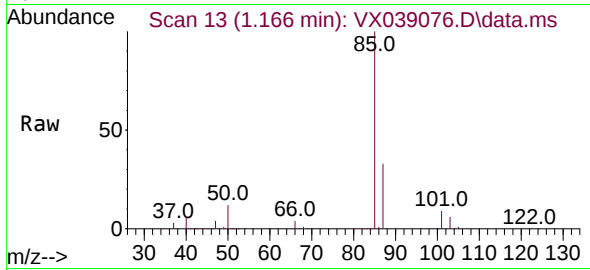




#2
Dichlorodifluoromethane
Concen: 199.125 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

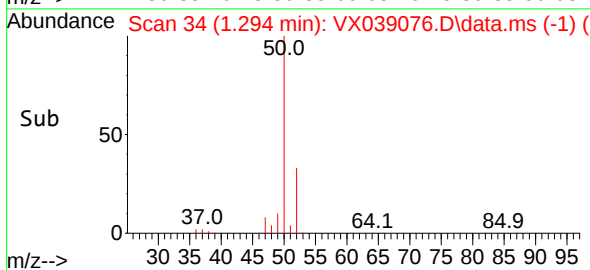
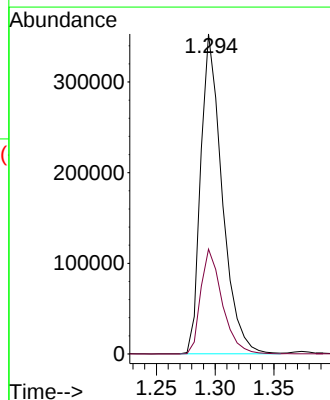
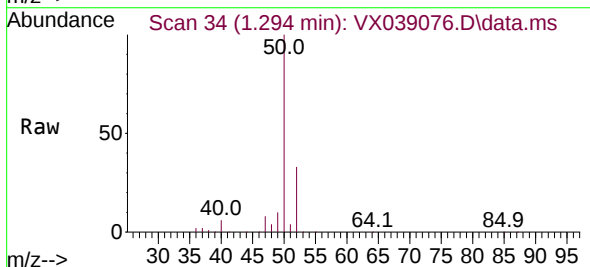
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MSVOA_X
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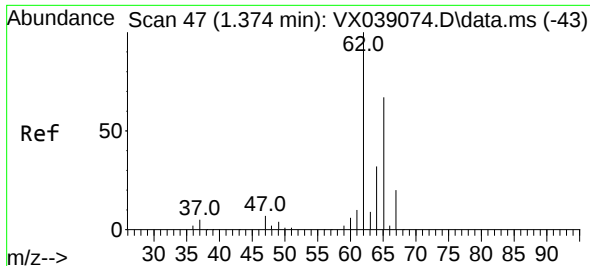
Tgt Ion: 85 Resp: 413115
Ion Ratio Lower Upper
85 100
87 33.0 26.2 39.4



#3
Chloromethane
Concen: 205.987 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion: 50 Resp: 446673
Ion Ratio Lower Upper
50 100
52 32.8 22.4 41.6

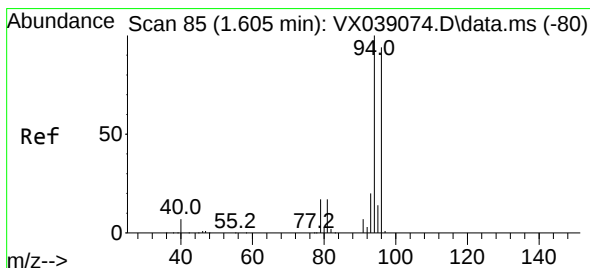
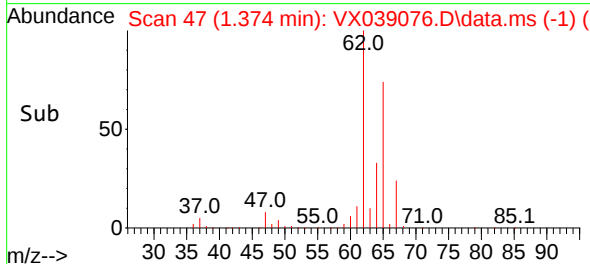
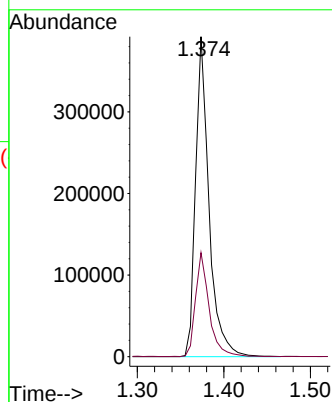
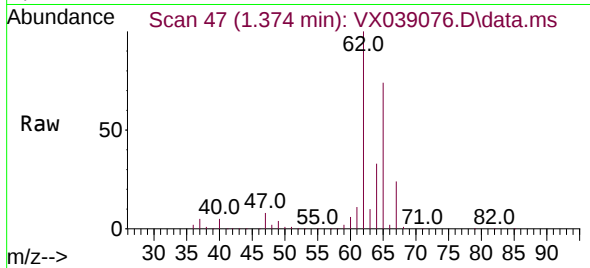




#5
 Vinyl chloride
 Concen: 198.223 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039076.D
 Acq: 05 Dec 2023 11:47

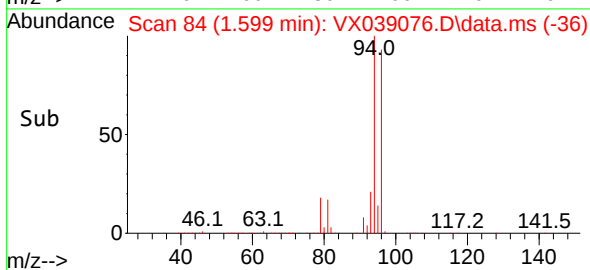
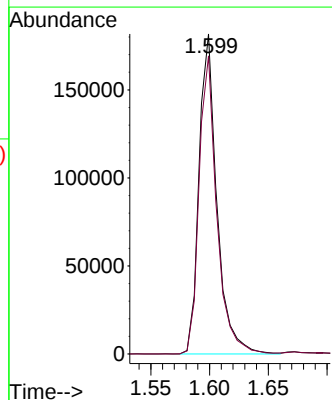
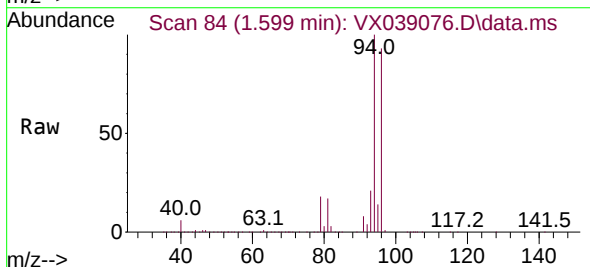
Instrument :
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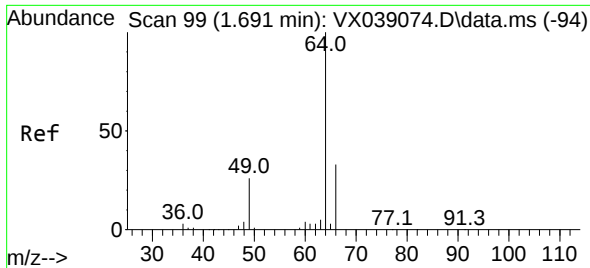
Tgt Ion: 62 Resp: 423638
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.3



#6
 Bromomethane
 Concen: 166.842 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VX039076.D
 Acq: 05 Dec 2023 11:47

Tgt Ion: 94 Resp: 192464
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.8 122.2

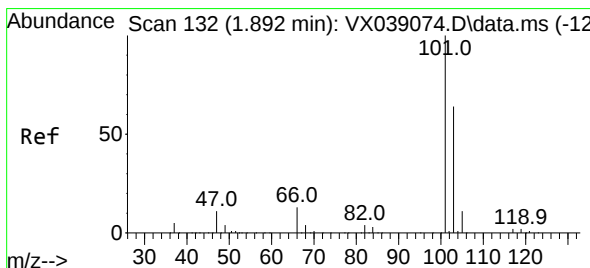
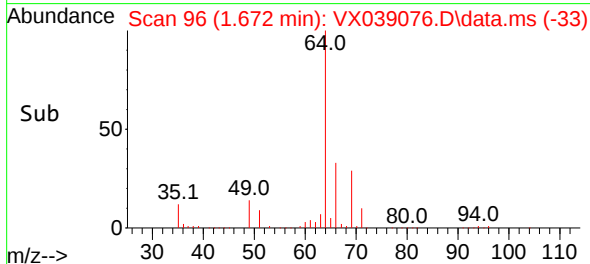
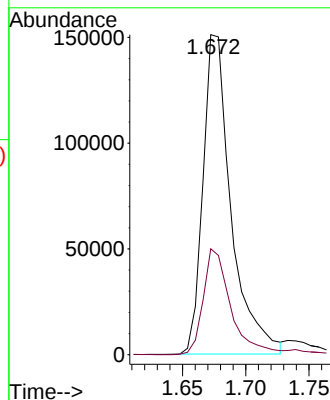
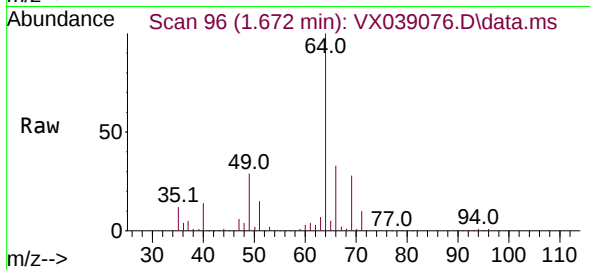




#8
Chloroethane
Concen: 193.690 ug/L
RT: 1.672 min Scan# 90
Delta R.T. -0.018 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

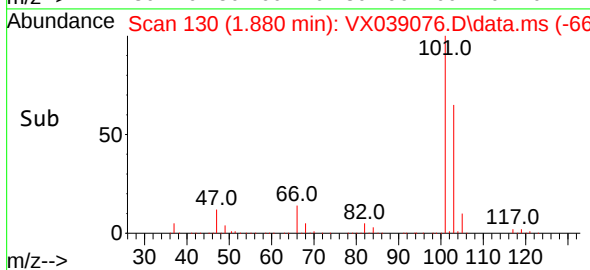
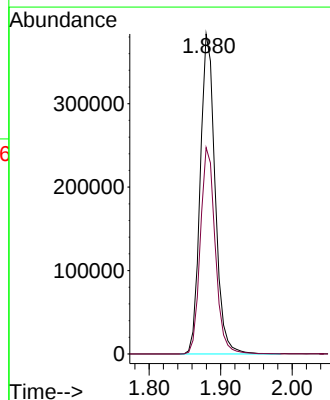
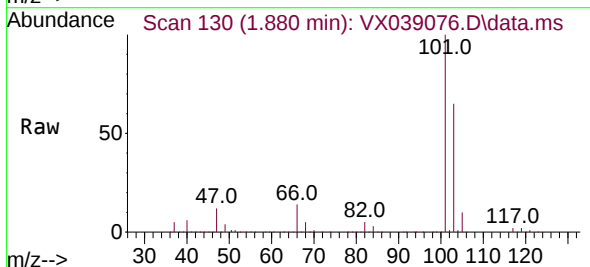
Instrument :
MSVOA_X
ClientSampleId :

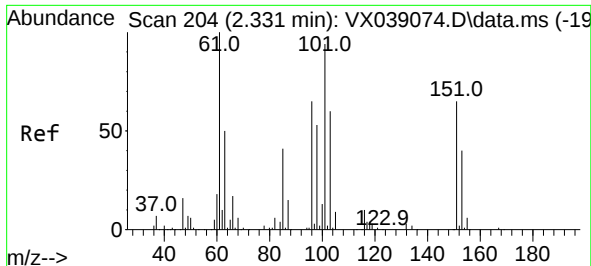
Tgt Ion: 64 Resp: 234024
Ion Ratio Lower Upper
64 100
66 33.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 199.906 ug/L
RT: 1.880 min Scan# 130
Delta R.T. -0.012 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion:101 Resp: 553703
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

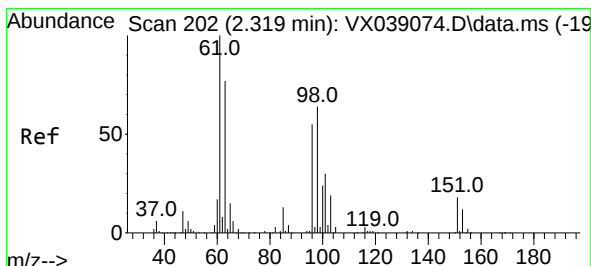
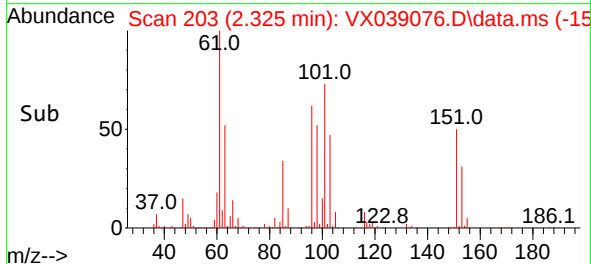
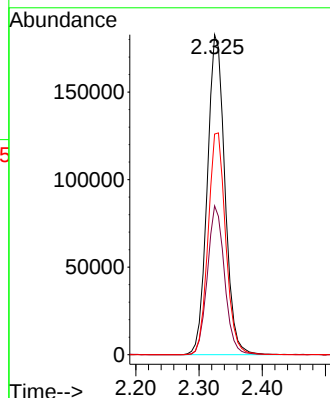
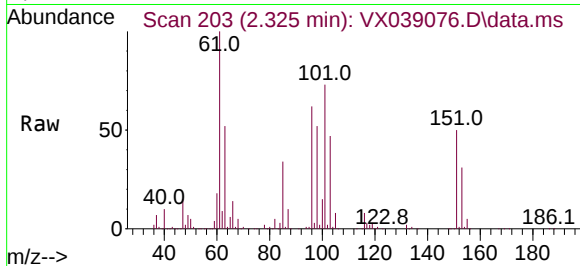




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 198.765 ug/L
 RT: 2.325 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX039076.D
 Acq: 05 Dec 2023 11:47

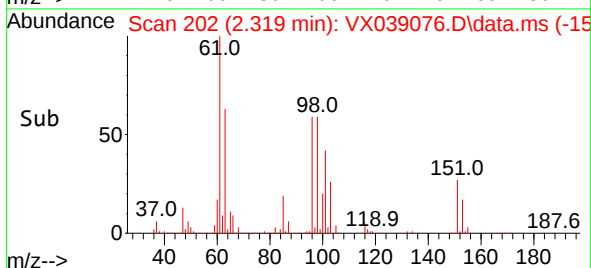
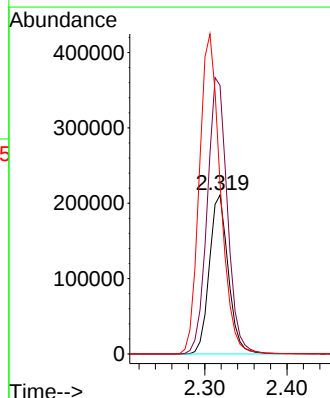
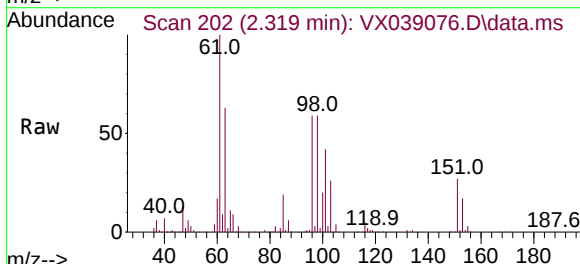
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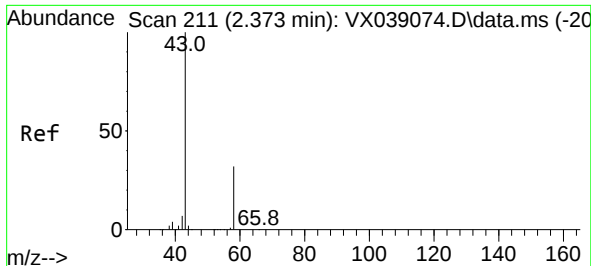
Tgt Ion:101 Resp: 354138
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.8 53.6
 151 69.1 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 201.471 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039076.D
 Acq: 05 Dec 2023 11:47

Tgt Ion: 96 Resp: 337648
 Ion Ratio Lower Upper
 96 100
 61 168.9 128.0 237.6
 63 107.3 101.5 188.5

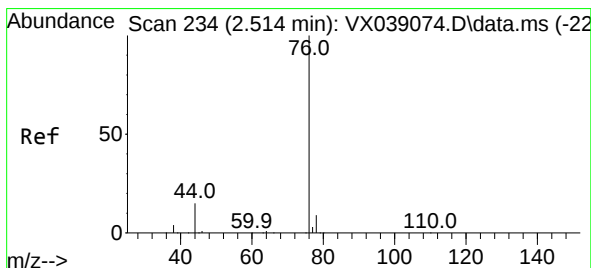
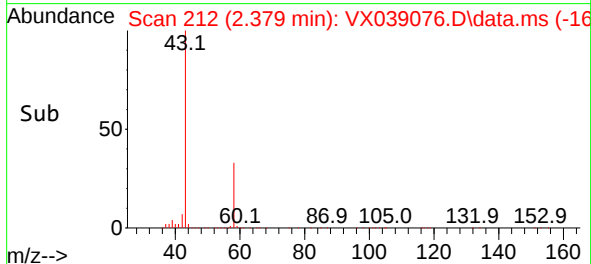
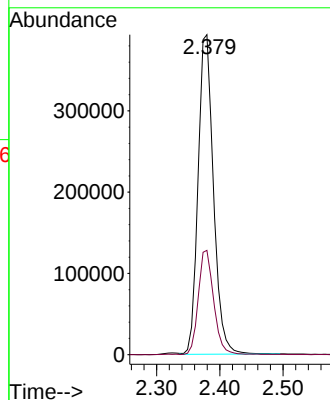
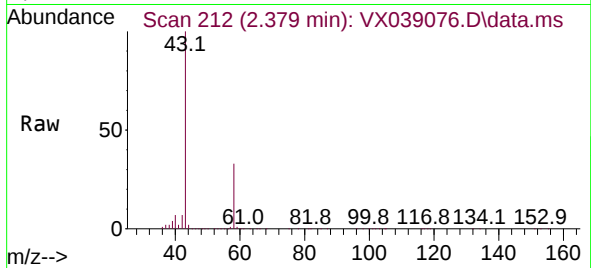




#13
Acetone
Concen: 375.951 ug/L
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

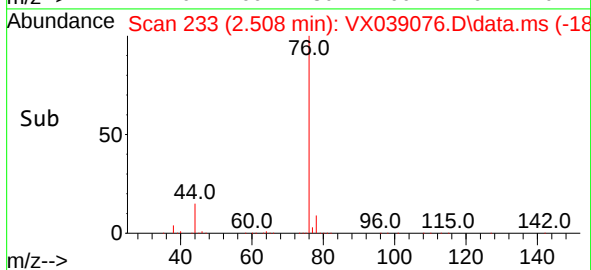
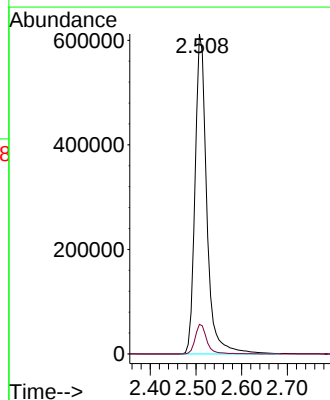
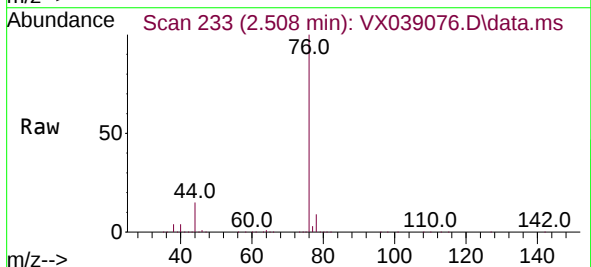
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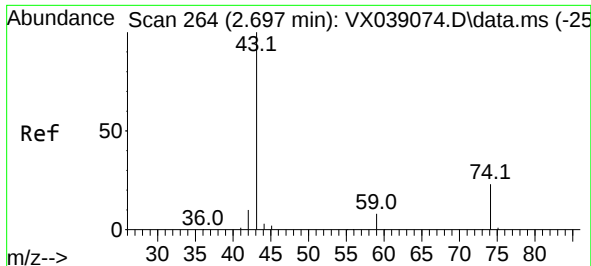
Tgt Ion: 43 Resp: 667083
Ion Ratio Lower Upper
43 100
58 32.5 0.0 65.8



#14
Carbon disulfide
Concen: 204.200 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
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Acq: 05 Dec 2023 11:47

Tgt Ion: 76 Resp: 1088994
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

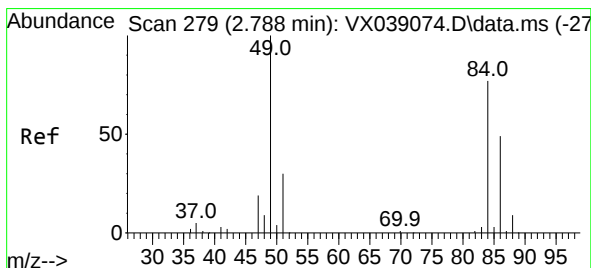
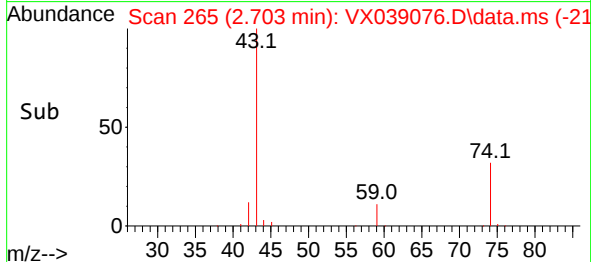
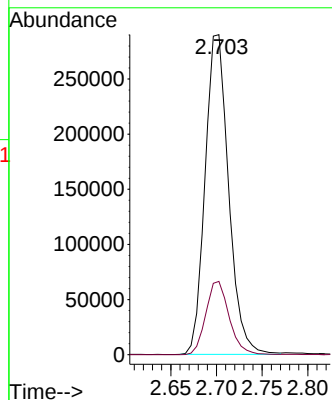
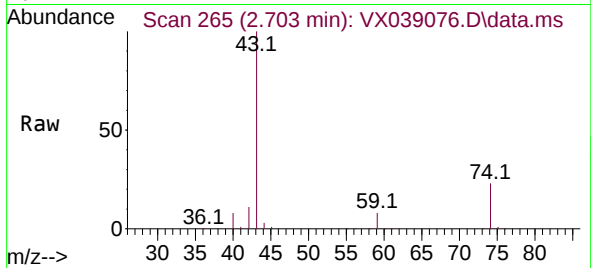




#15
Methyl Acetate
Concen: 204.416 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

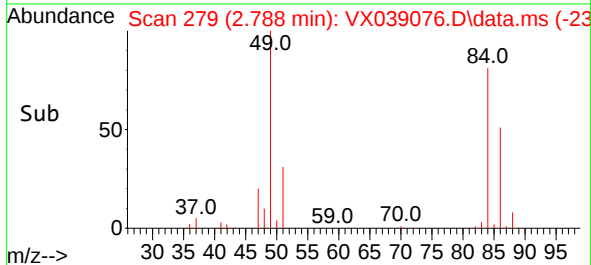
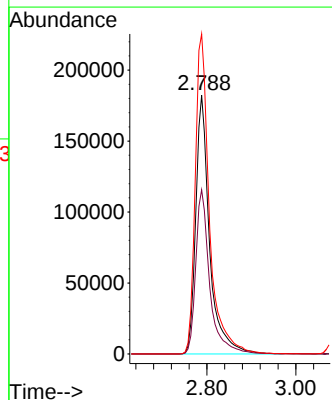
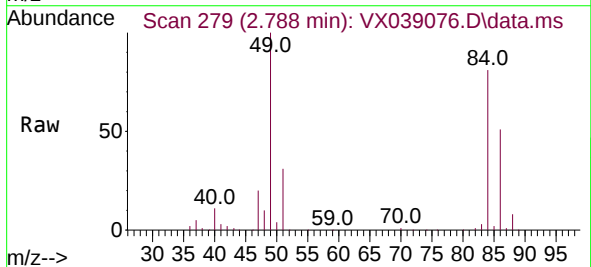
Instrument :
MSVOA_X
ClientSampleId :

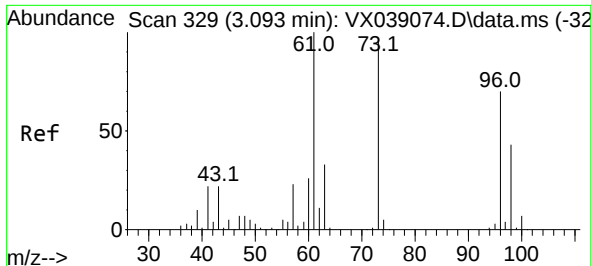
Tgt Ion: 43 Resp: 518440
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4



#16
Methylene chloride
Concen: 204.107 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion: 84 Resp: 393009
Ion Ratio Lower Upper
84 100
86 63.5 44.7 82.9
49 123.7 90.9 168.7

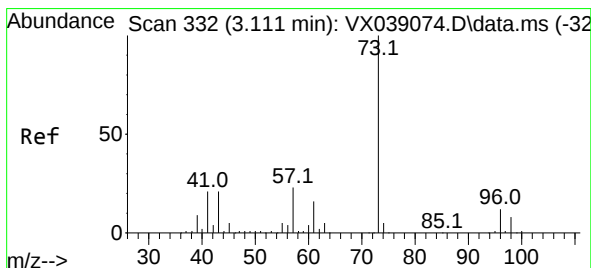
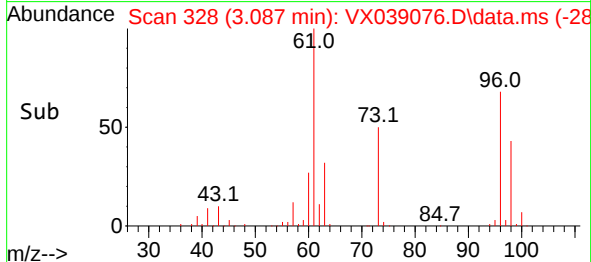
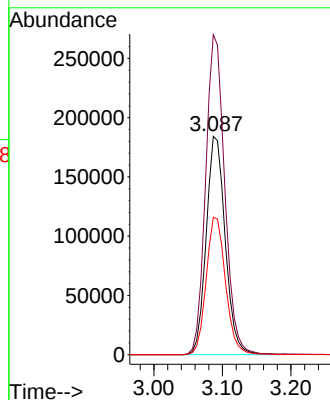
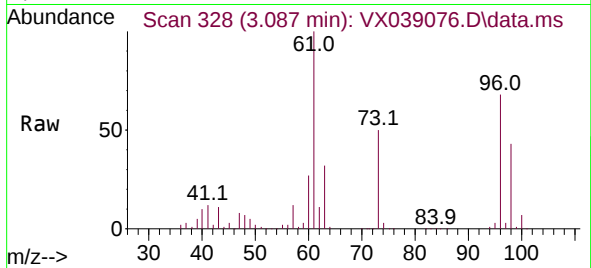




#17
trans-1,2-Dichloroethene
Concen: 201.917 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

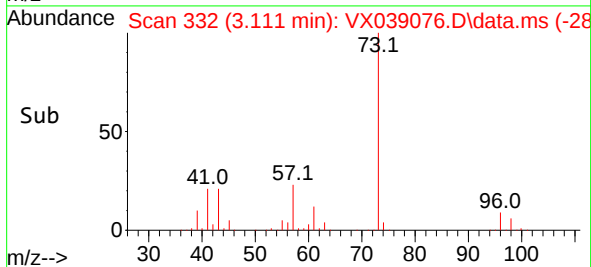
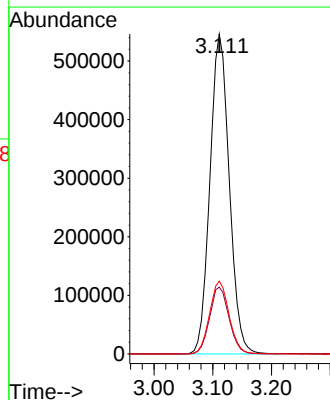
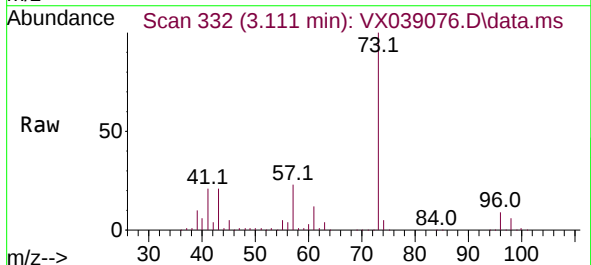
Instrument :
MSVOA_X
ClientSampleId :

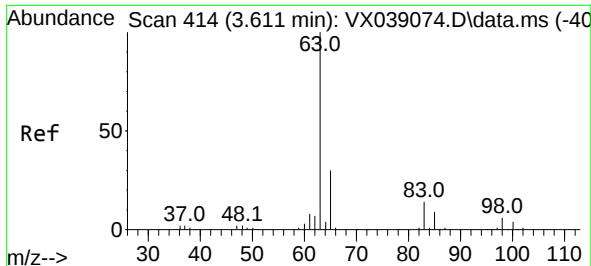
Tgt Ion: 96 Resp: 356545
Ion Ratio Lower Upper
96 100
61 146.5 99.8 185.3
98 63.0 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 203.090 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion: 73 Resp: 1248279
Ion Ratio Lower Upper
73 100
43 21.0 16.9 25.3
57 22.9 18.5 27.7





#19

1,1-Dichloroethane

Concen: 202.973 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

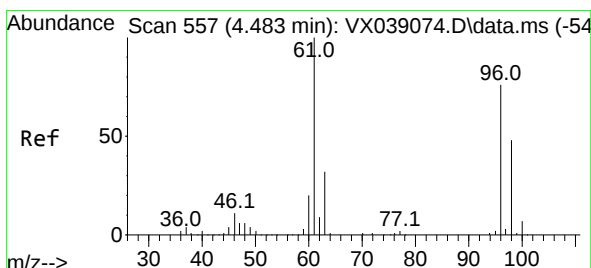
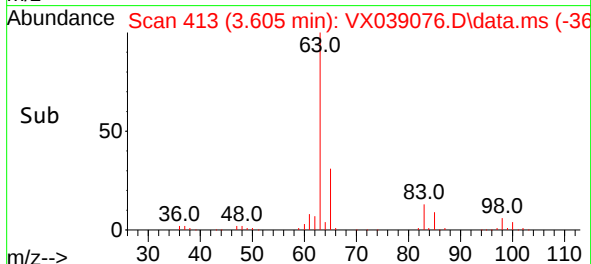
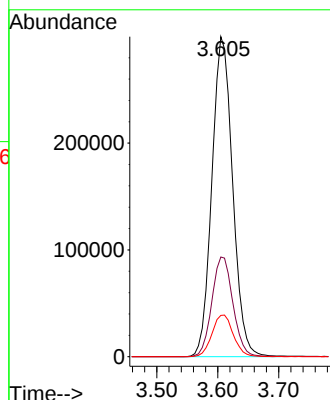
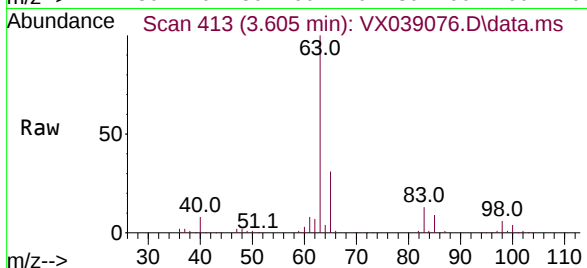
Tgt Ion: 63 Resp: 708679

Ion Ratio Lower Upper

63 100

65 31.1 21.1 39.3

83 12.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 202.032 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

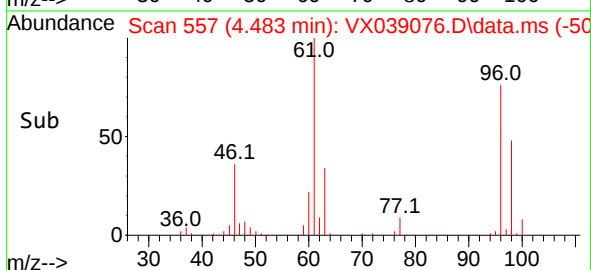
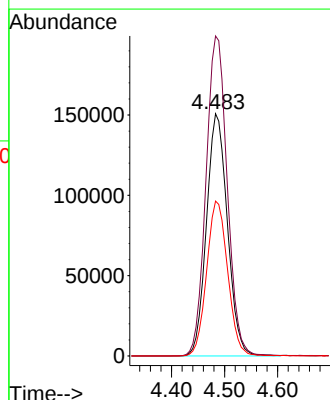
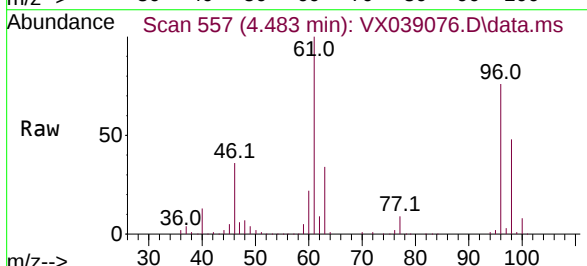
Tgt Ion: 96 Resp: 413788

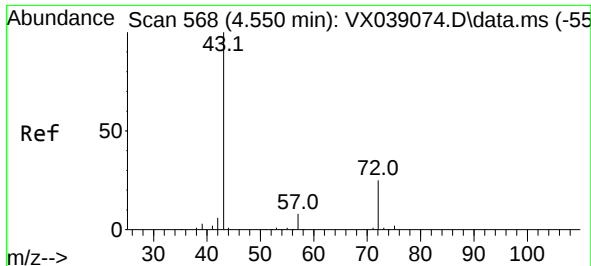
Ion Ratio Lower Upper

96 100

61 132.1 91.7 170.3

98 63.9 44.2 82.2

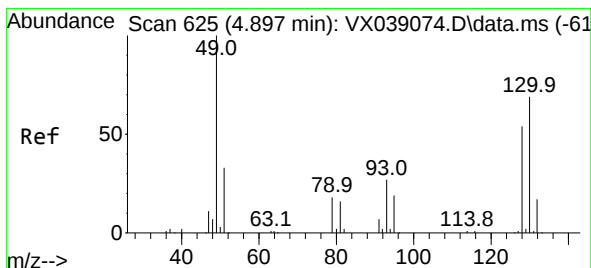
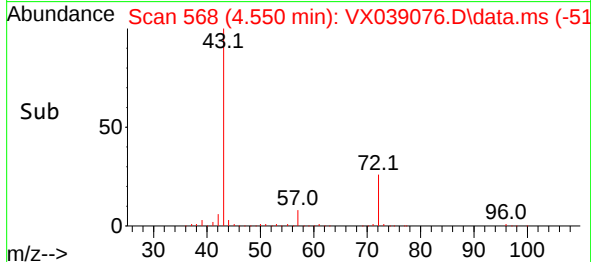
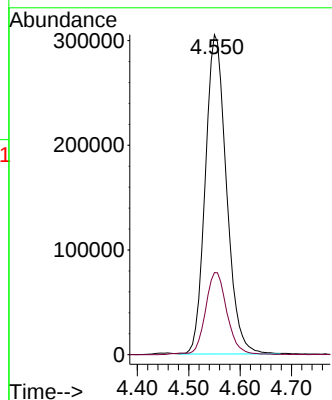
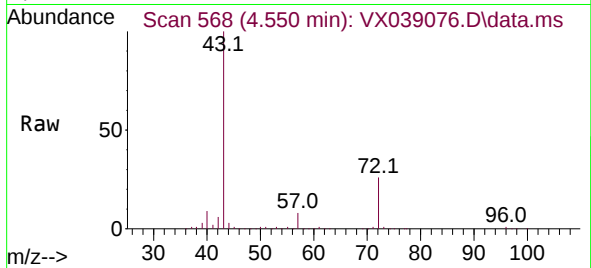




#22
2-Butanone
Concen: 399.787 ug/L
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

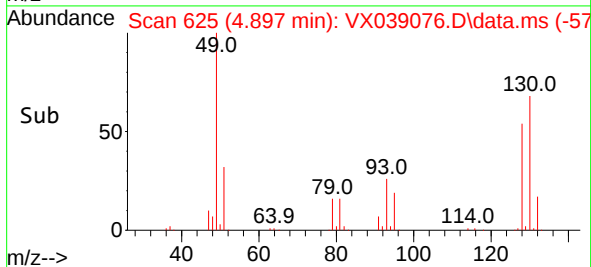
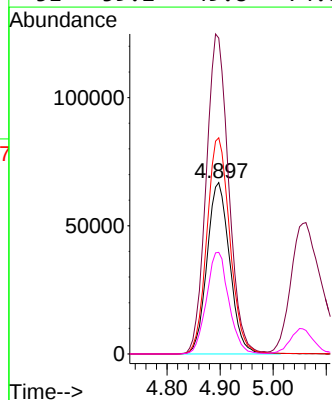
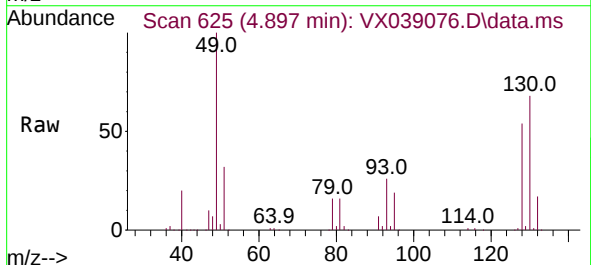
Instrument :
MSVOA_X
ClientSampleId :

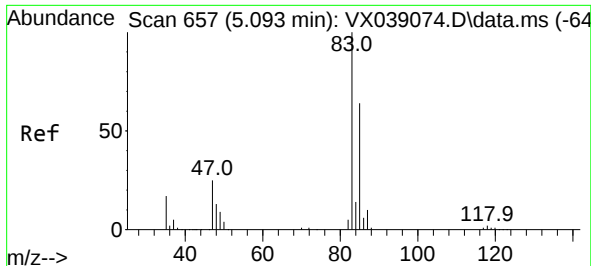
Tgt Ion: 43 Resp: 870586
Ion Ratio Lower Upper
43 100
72 26.0 12.6 37.6



#23
Bromochloromethane
Concen: 205.879 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion:128 Resp: 198218
Ion Ratio Lower Upper
128 100
49 184.3 130.8 243.0
130 126.0 90.6 168.3
51 59.2 49.8 74.8

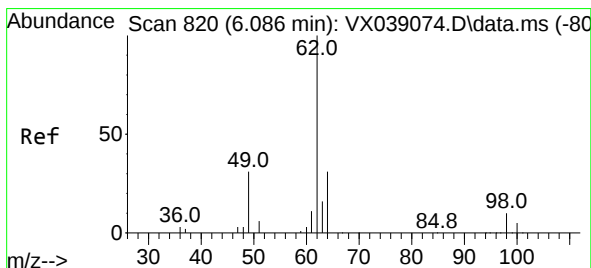
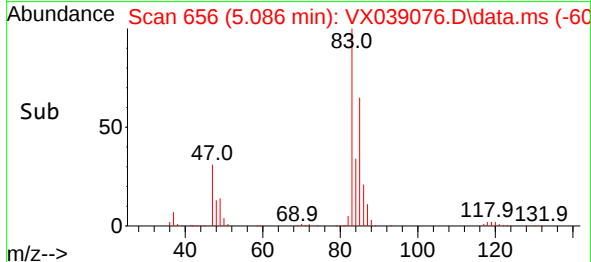
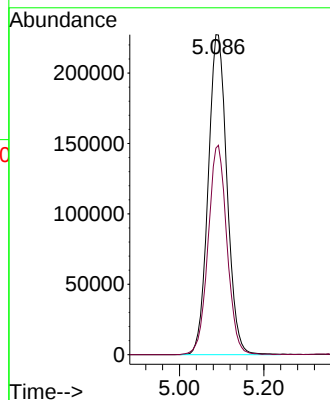
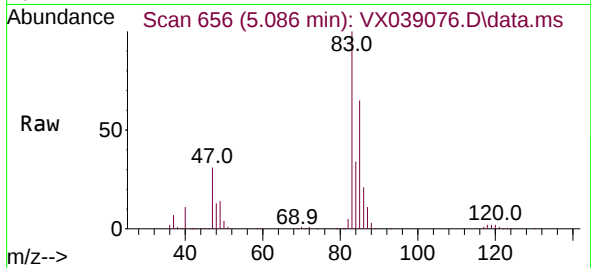




#25
Chloroform
Concen: 202.335 ug/L
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

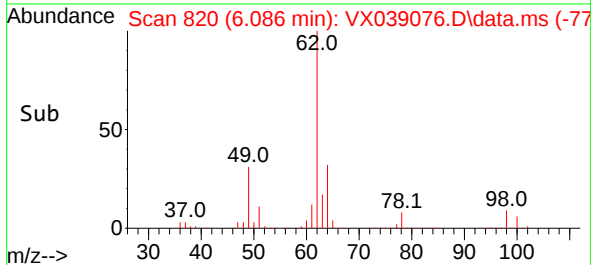
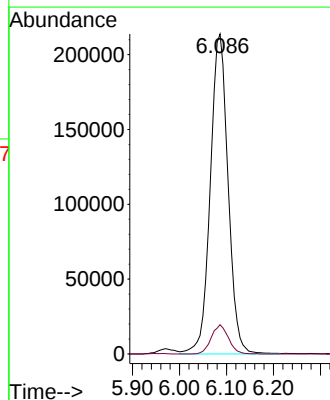
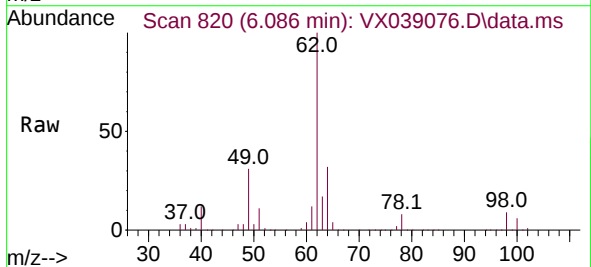
Instrument :
MSVOA_X
ClientSampleId :

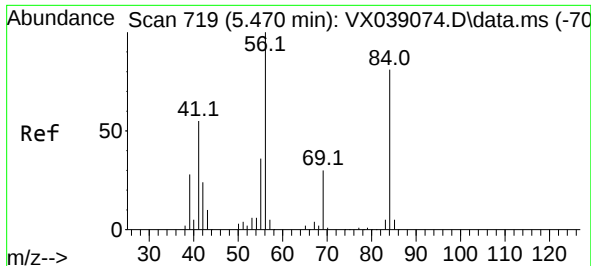
Tgt Ion: 83 Resp: 704635
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 204.117 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

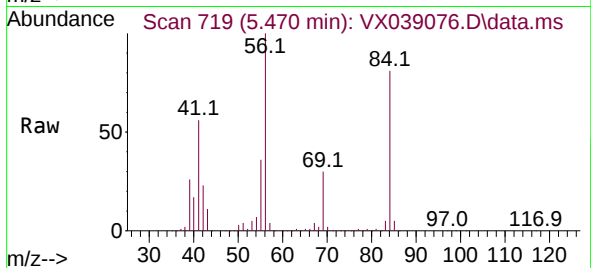
Tgt Ion: 62 Resp: 561039
Ion Ratio Lower Upper
62 100
98 9.2 8.0 12.0



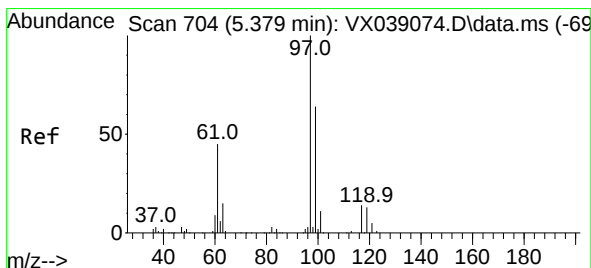
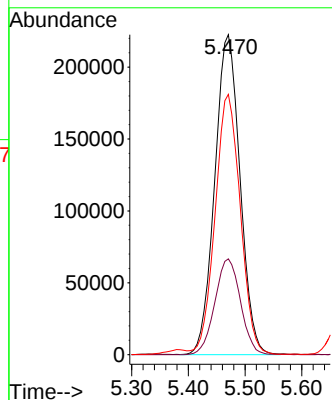
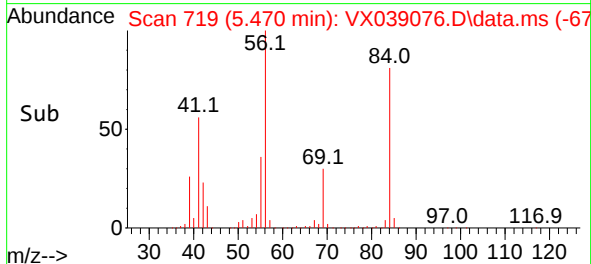


#29
Cyclohexane
Concen: 199.937 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :

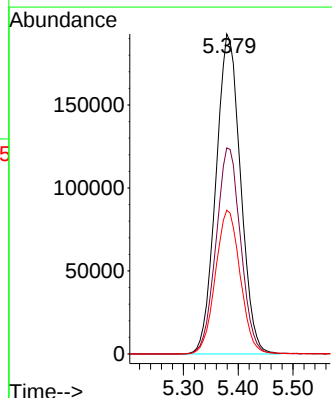
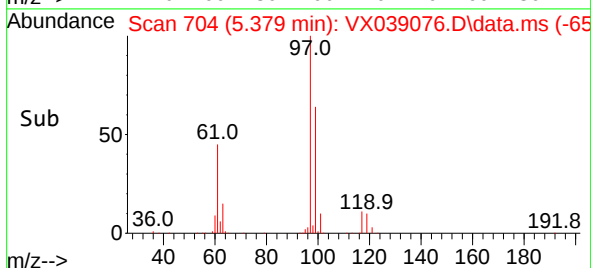
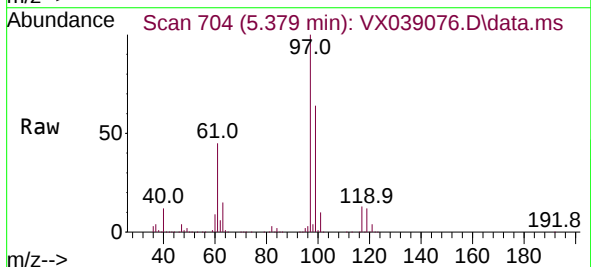


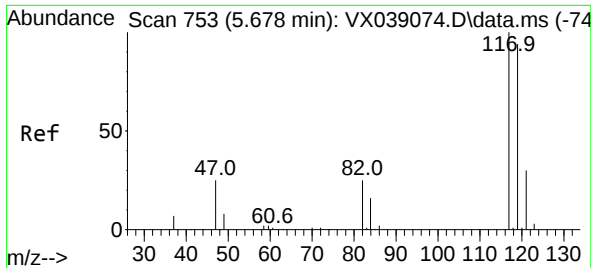
Tgt Ion: 56 Resp: 689232
Ion Ratio Lower Upper
56 100
69 30.3 24.5 36.7
84 80.9 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 201.252 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

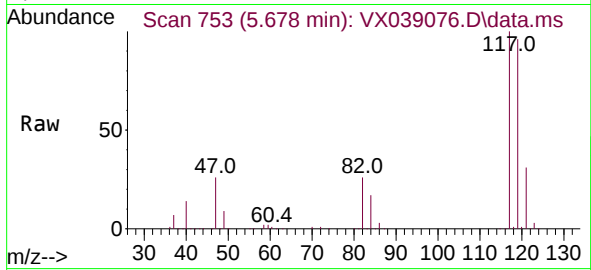
Tgt Ion: 97 Resp: 601737
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 45.3 36.7 55.1



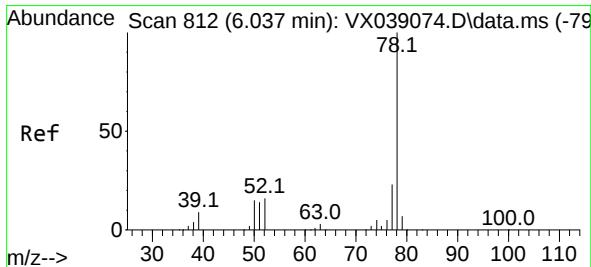
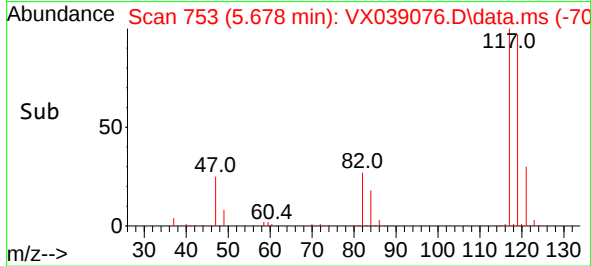
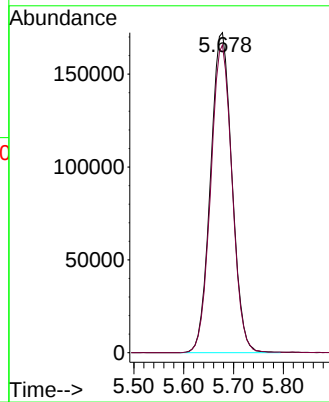


#31
Carbon tetrachloride
Concen: 206.654 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :

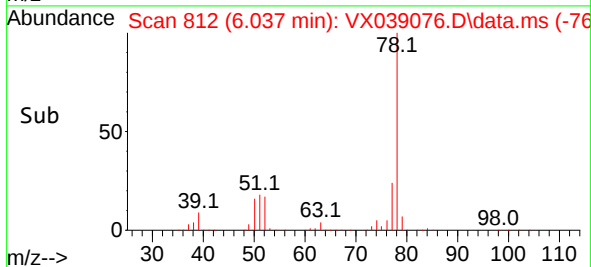
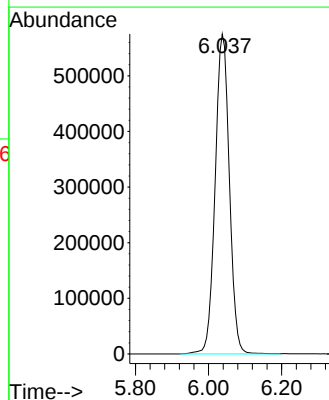
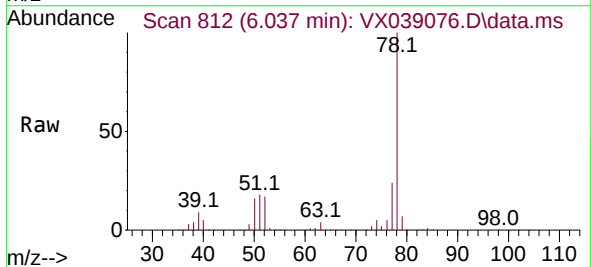


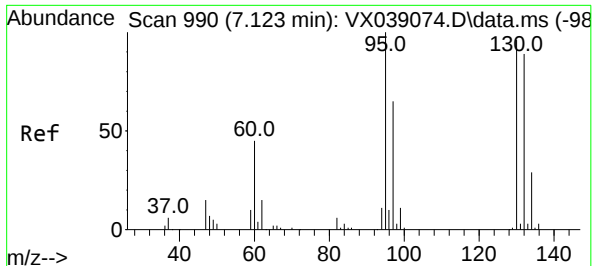
Tgt Ion:117 Resp: 515516
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4



#33
Benzene
Concen: 198.288 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion: 78 Resp: 1552856

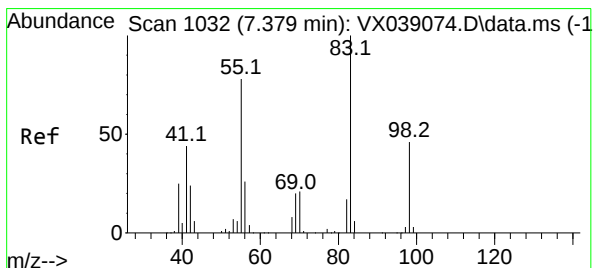
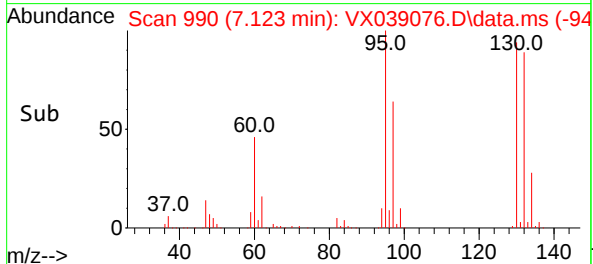
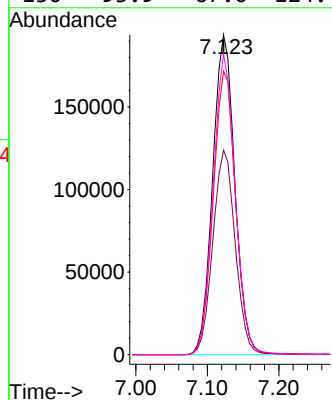
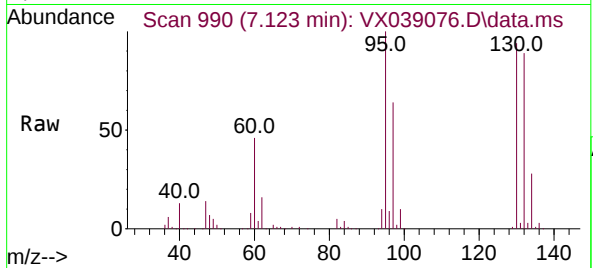




#34
Trichloroethene
Concen: 201.578 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

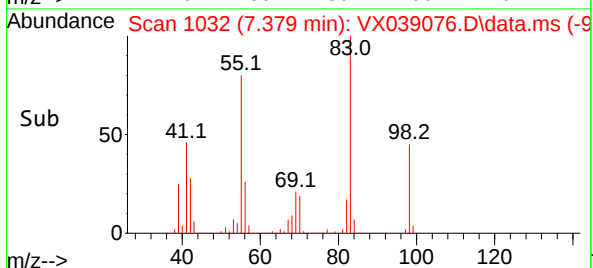
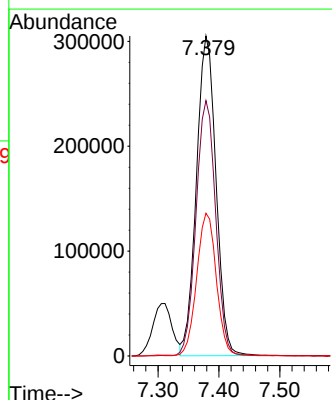
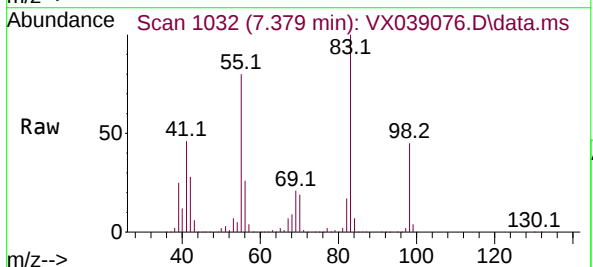
Instrument :
MSVOA_X
ClientSampleId :

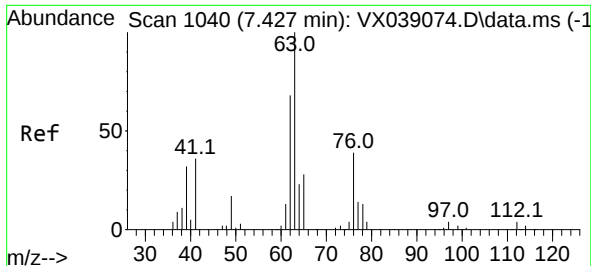
Tgt Ion: 95 Resp: 417190
Ion Ratio Lower Upper
95 100
97 63.9 45.5 84.5
132 88.6 62.2 115.4
130 93.9 67.0 124.4



#35
Methylcyclohexane
Concen: 197.897 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion: 83 Resp: 682126
Ion Ratio Lower Upper
83 100
55 79.9 62.5 93.7
98 44.9 36.1 54.1





#37

1,2-Dichloropropane

Concen: 201.068 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Instrument :

MSVOA_X

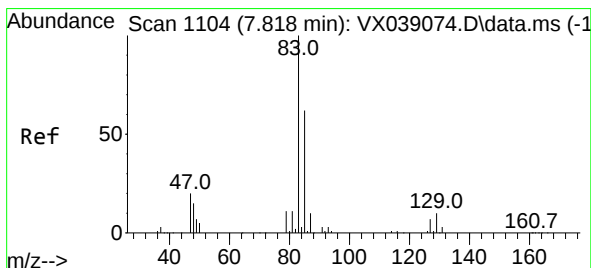
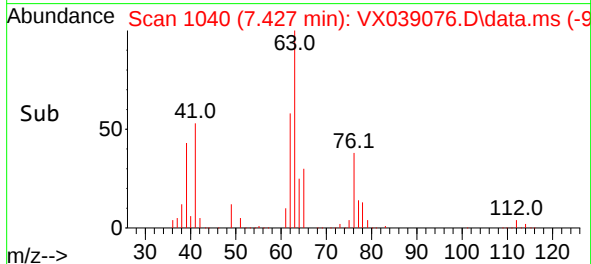
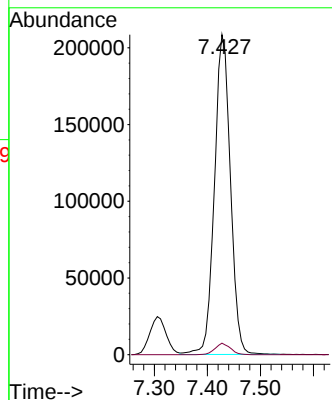
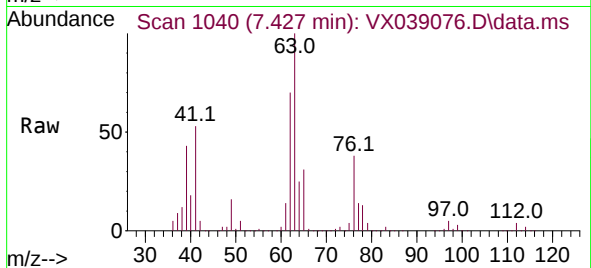
ClientSampleId :

Tgt Ion: 63 Resp: 436703

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 207.126 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

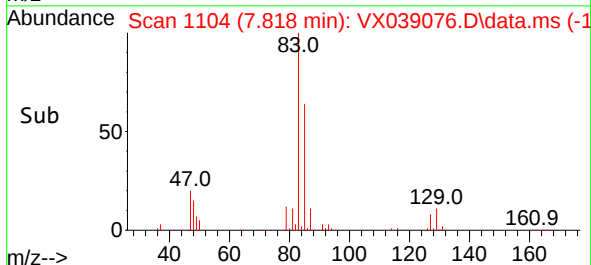
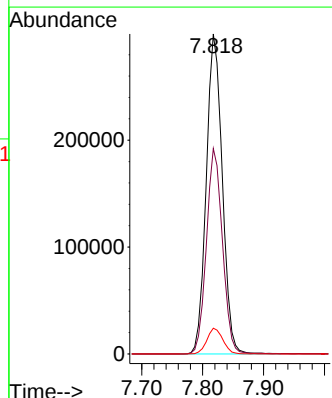
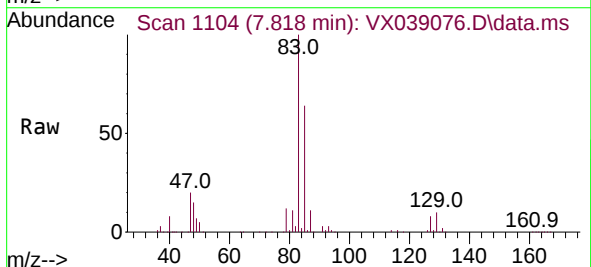
Tgt Ion: 83 Resp: 547162

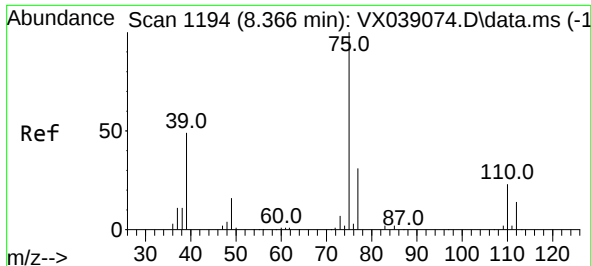
Ion Ratio Lower Upper

83 100

85 64.2 43.3 80.5

127 8.1 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 204.193 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Instrument :

MSVOA_X

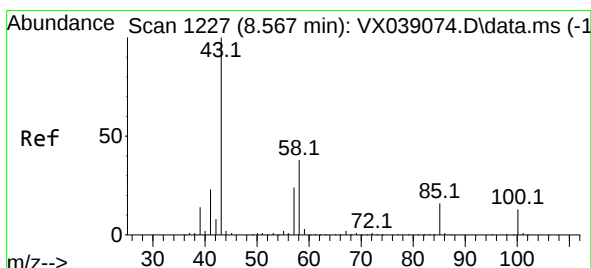
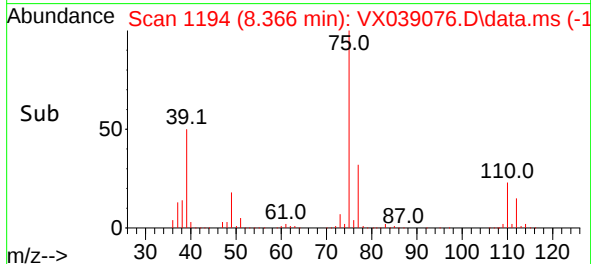
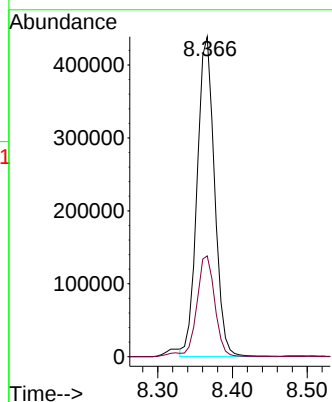
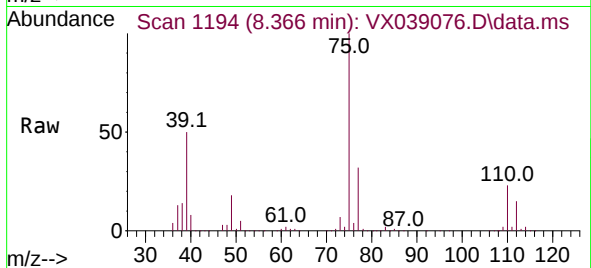
ClientSampleId :

Tgt Ion: 75 Resp: 707331

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 414.052 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

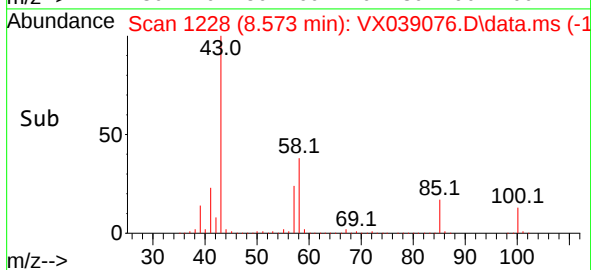
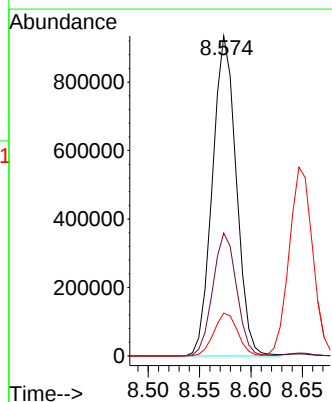
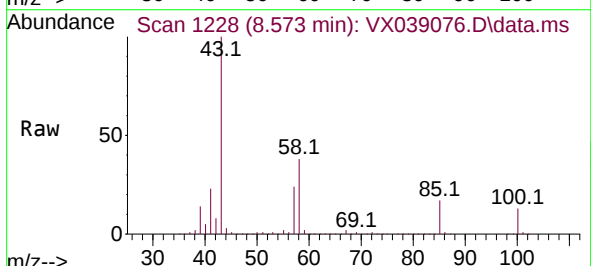
Tgt Ion: 43 Resp: 1507194

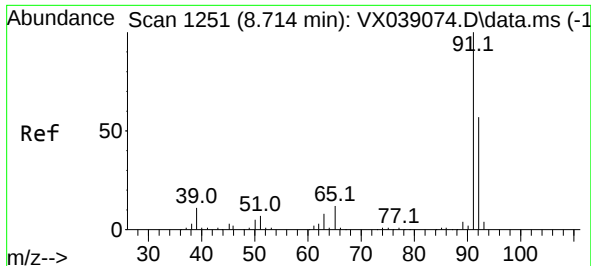
Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3

100 13.4 10.6 16.0

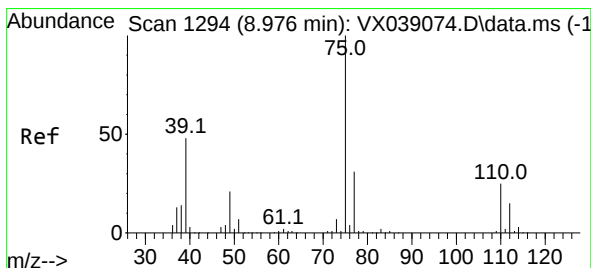
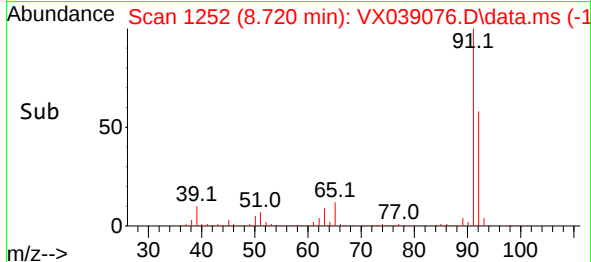
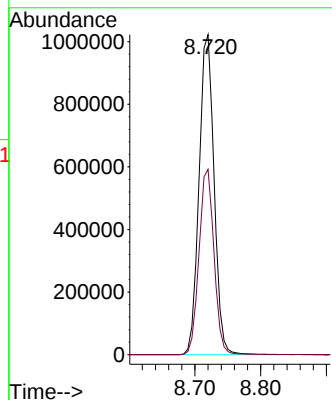
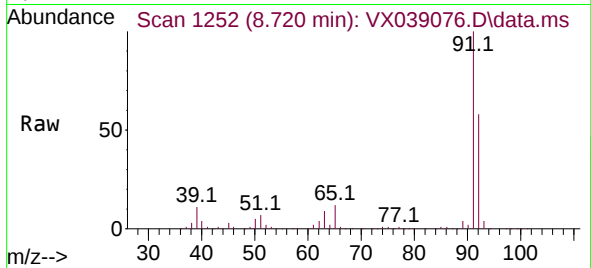




#42
Toluene
Concen: 194.911 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

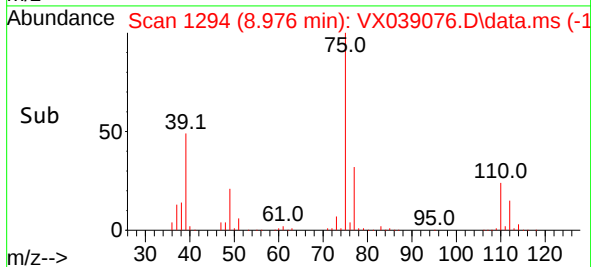
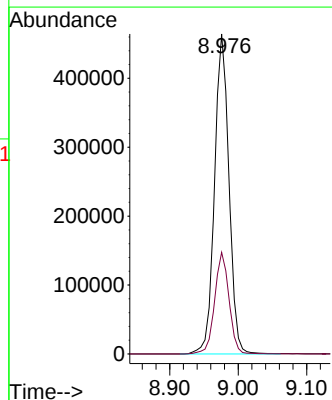
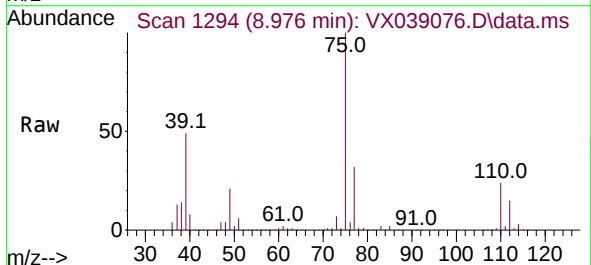
Instrument :
MSVOA_X
ClientSampleId :

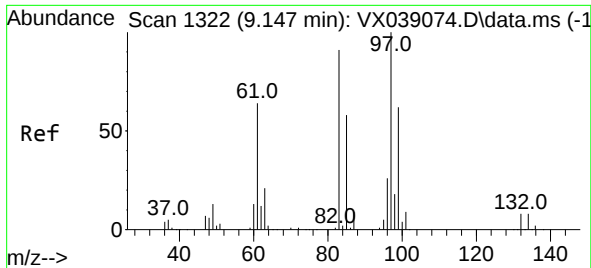
Tgt Ion: 91 Resp: 1618652
Ion Ratio Lower Upper
91 100
92 57.9 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 210.848 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

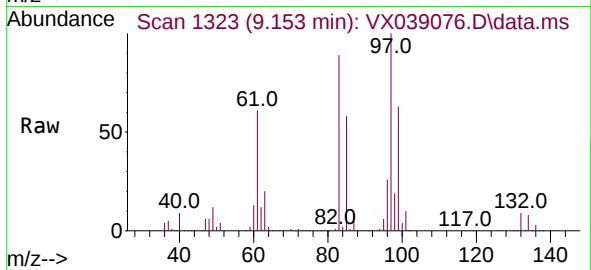
Tgt Ion: 75 Resp: 677791
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8



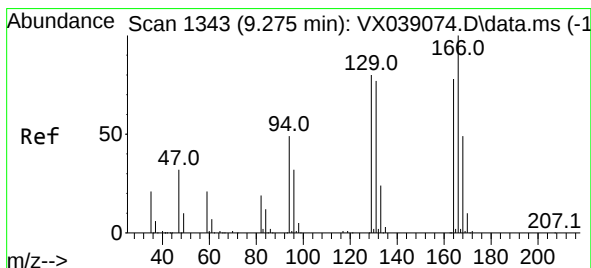
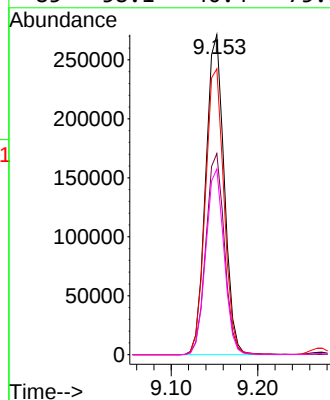
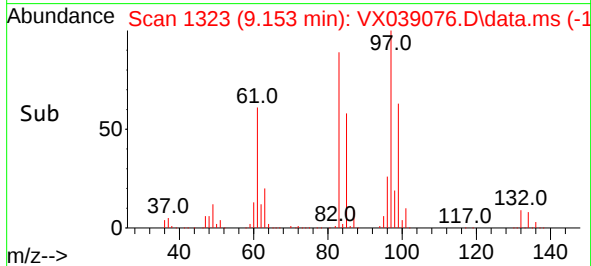


#45
1,1,2-Trichloroethane
Concen: 202.328 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

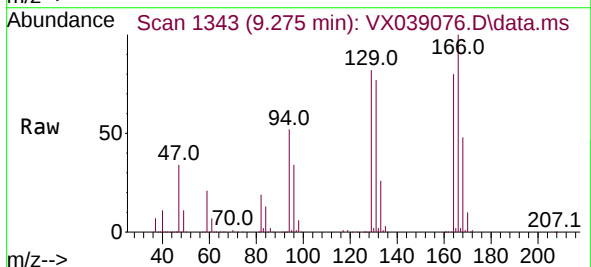
Instrument :
MSVOA_X
ClientSampleId :



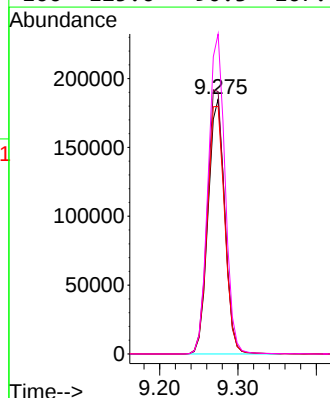
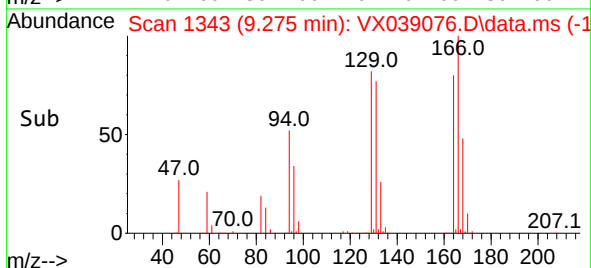
Tgt Ion: 97 Resp: 402713
Ion Ratio Lower Upper
97 100
99 62.9 43.1 80.1
83 89.3 64.0 118.8
85 58.1 40.4 75.0

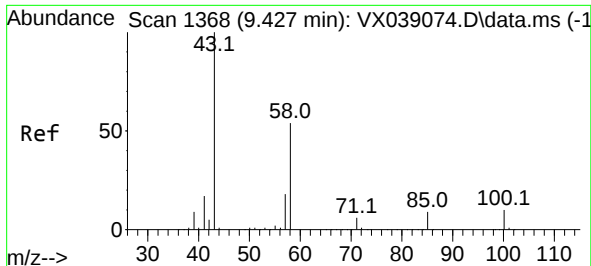


#46
Tetrachloroethene
Concen: 200.210 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47



Tgt Ion: 164 Resp: 273340
Ion Ratio Lower Upper
164 100
129 103.0 71.9 133.5
131 97.2 69.5 129.1
166 125.6 90.3 167.7



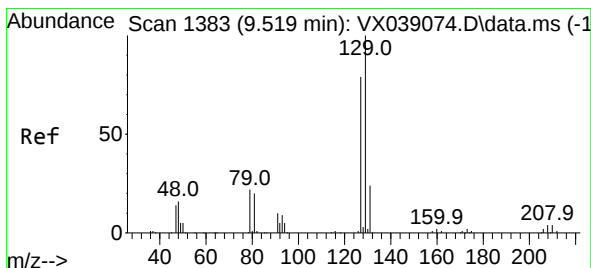
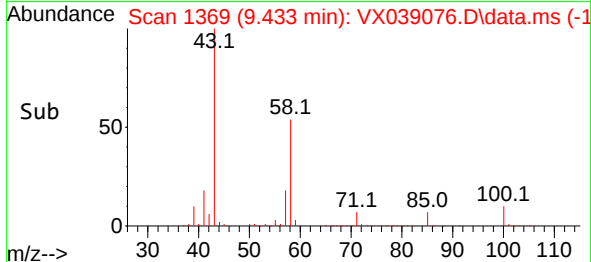
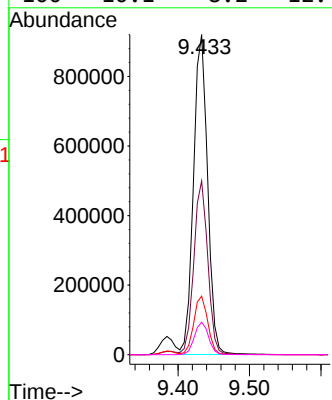
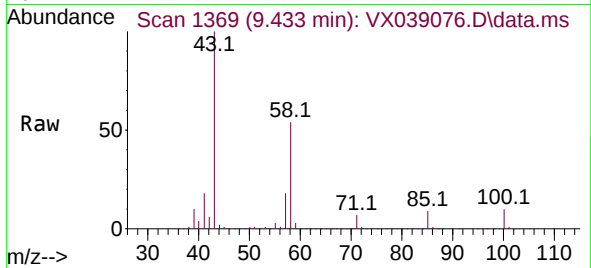


#48
2-Hexanone
Concen: 413.343 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1259294

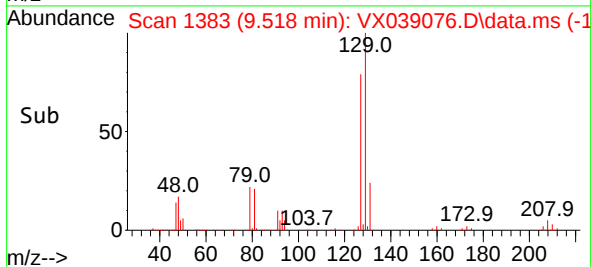
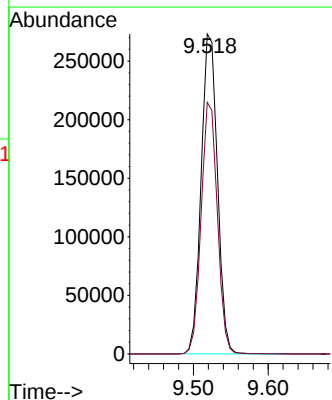
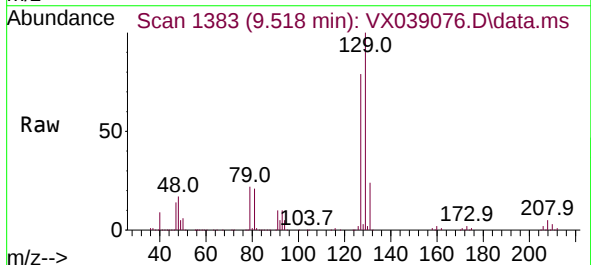
Ion	Ratio	Lower	Upper
43	100		
58	53.7	43.0	64.6
57	18.3	14.6	21.8
100	10.1	8.2	12.4

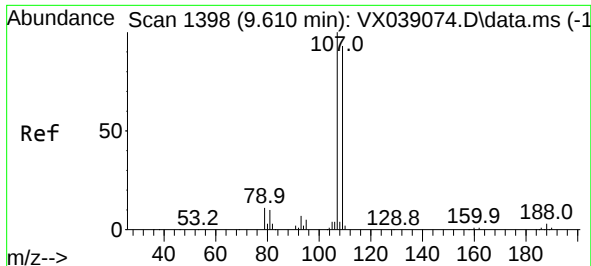


#49
Dibromochloromethane
Concen: 213.356 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion:129 Resp: 413711

Ion	Ratio	Lower	Upper
129	100		
127	78.7	55.2	102.4





#50

1,2-Dibromoethane

Concen: 205.189 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

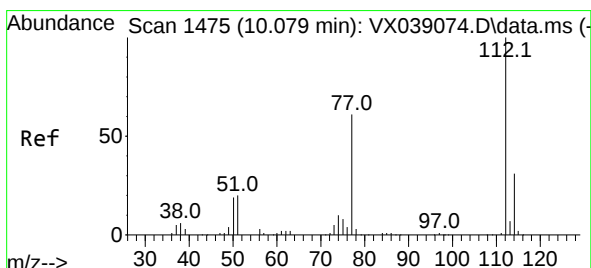
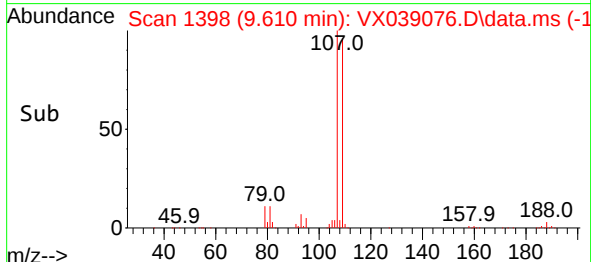
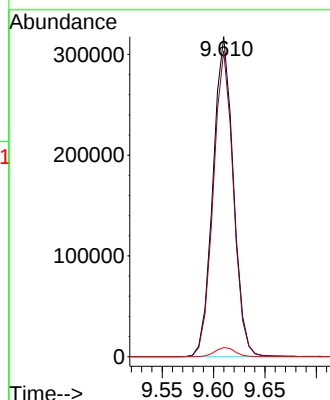
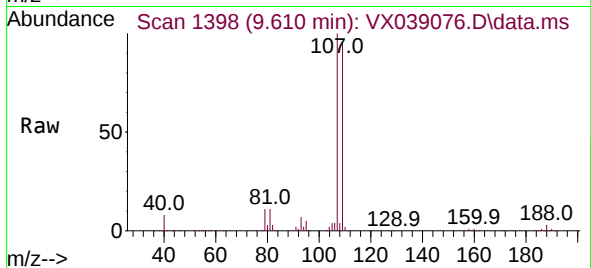
Tgt Ion:107 Resp: 437541

Ion Ratio Lower Upper

107 100

109 95.5 65.2 121.0

188 2.9 2.5 3.7



#51

Chlorobenzene

Concen: 198.458 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

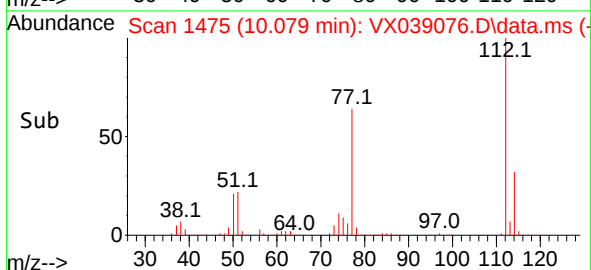
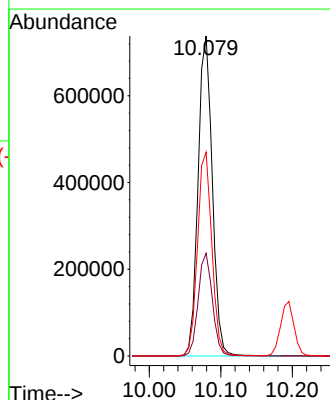
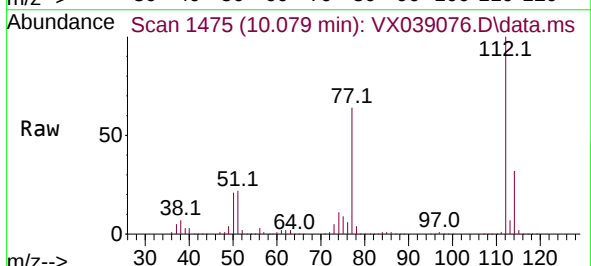
Tgt Ion:112 Resp: 1018021

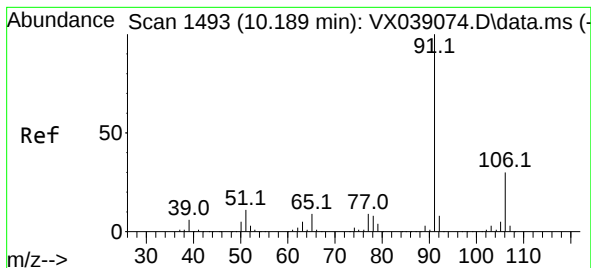
Ion Ratio Lower Upper

112 100

114 32.1 21.8 40.4

77 63.7 49.0 73.6

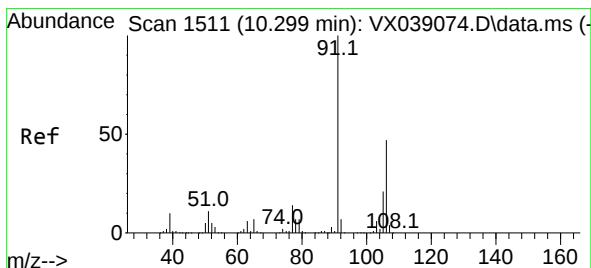
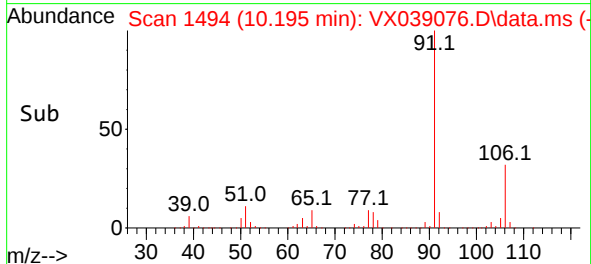
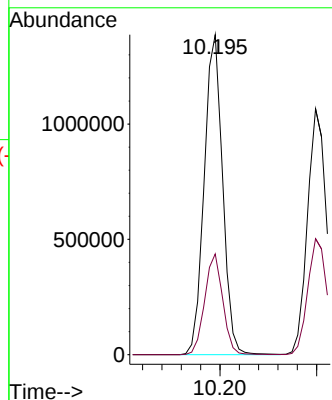
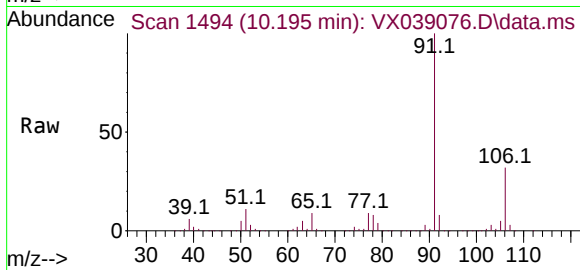




#52
Ethylbenzene
Concen: 197.785 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

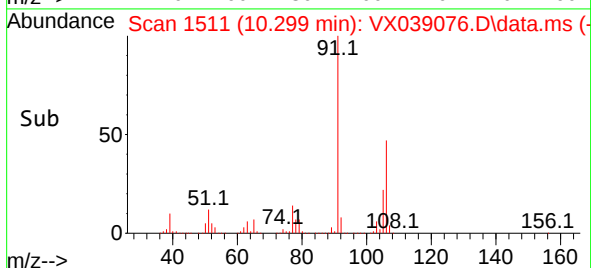
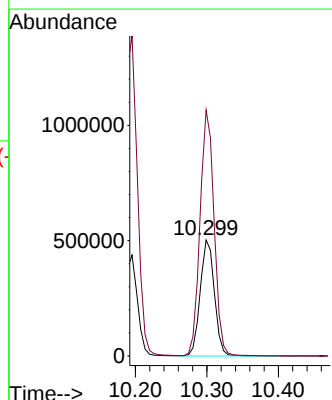
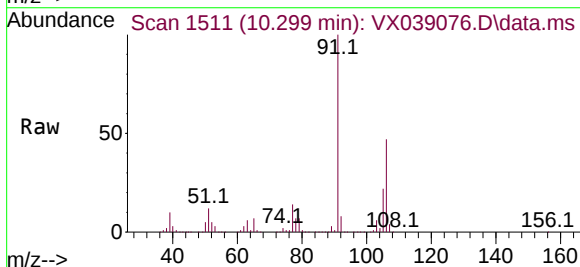
Instrument :
MSVOA_X
ClientSampleId :

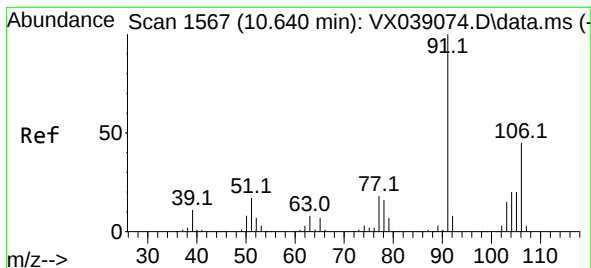
Tgt Ion: 91 Resp: 1836234
Ion Ratio Lower Upper
91 100
106 31.5 21.2 39.4



#53
m,p-Xylene
Concen: 198.991 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion:106 Resp: 690738
Ion Ratio Lower Upper
106 100
91 212.0 149.0 276.8





#54

o-Xylene

Concen: 199.797 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Instrument :

MSVOA_X

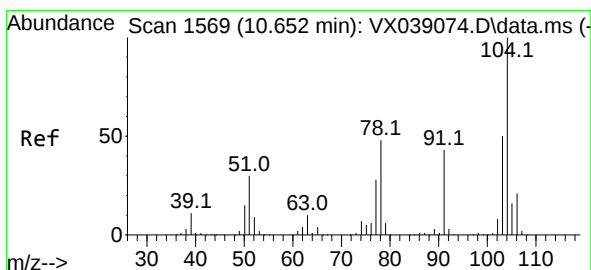
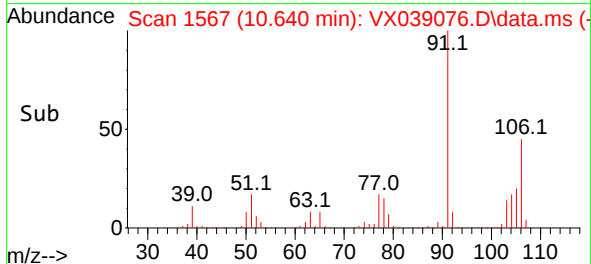
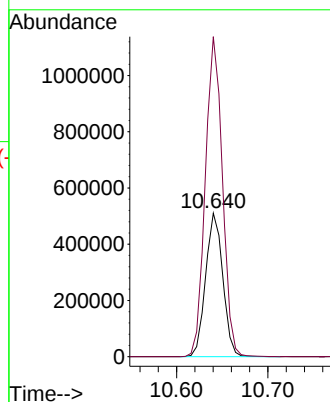
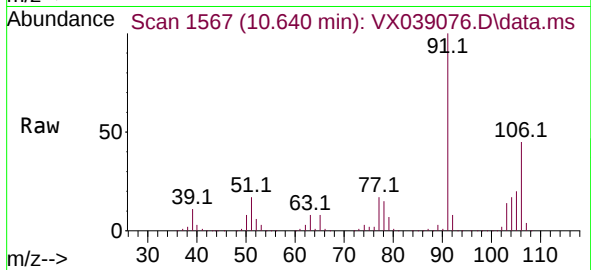
ClientSampleId :

Tgt Ion:106 Resp: 665482

Ion Ratio Lower Upper

106 100

91 222.9 156.2 290.0



#55

Styrene

Concen: 203.930 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039076.D

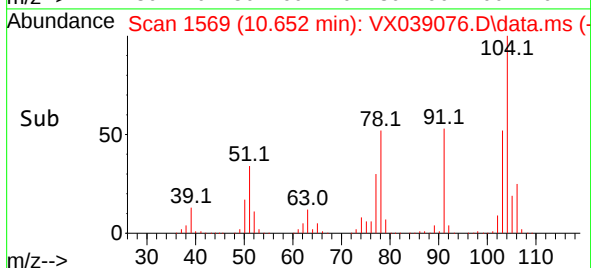
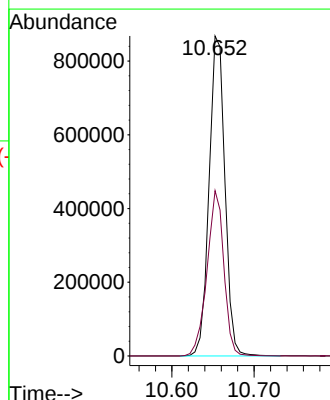
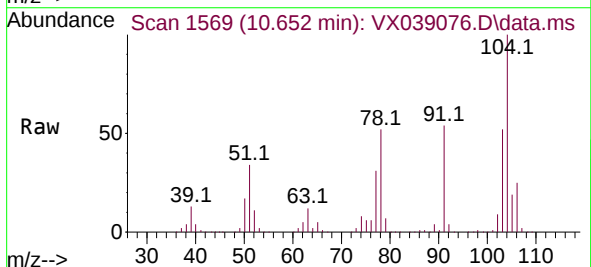
Acq: 05 Dec 2023 11:47

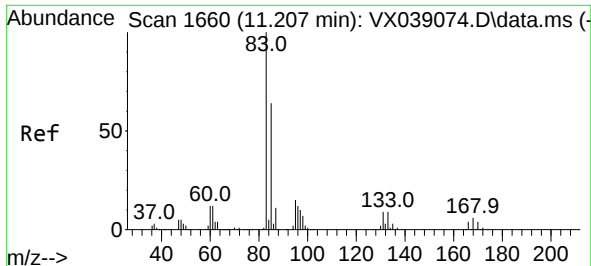
Tgt Ion:104 Resp: 1162222

Ion Ratio Lower Upper

104 100

78 51.7 33.5 62.1

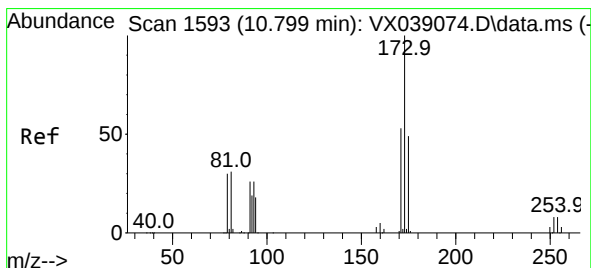
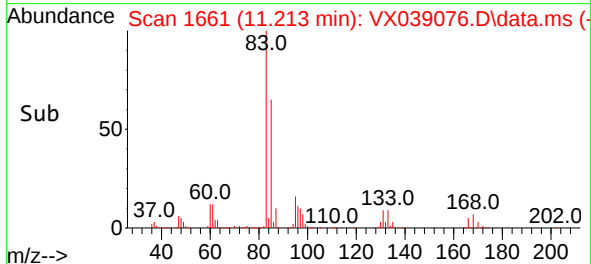
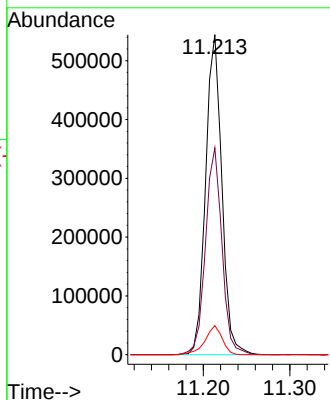
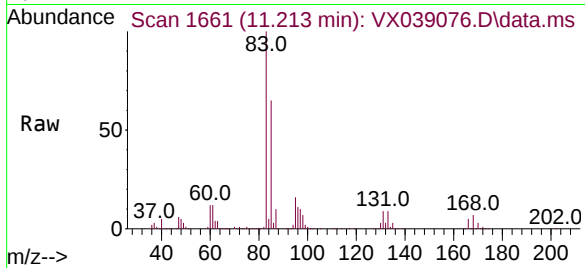




#57
1,1,2,2-Tetrachloroethane
Concen: 203.730 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

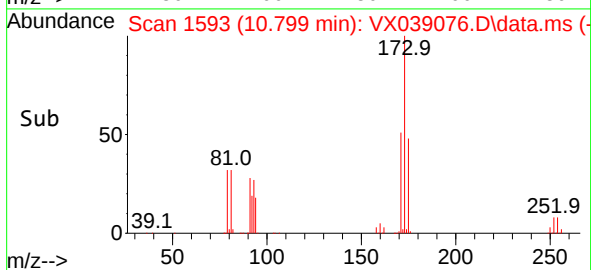
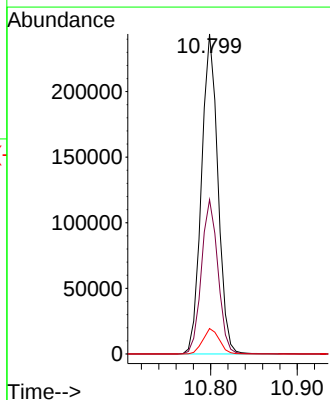
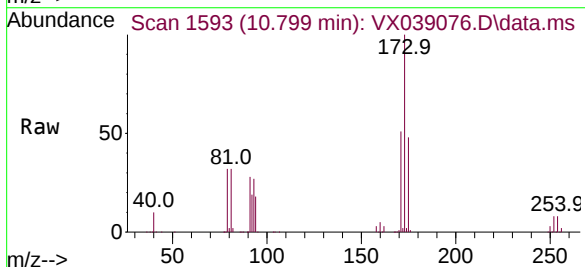
Instrument :
MSVOA_X
ClientSampleId :

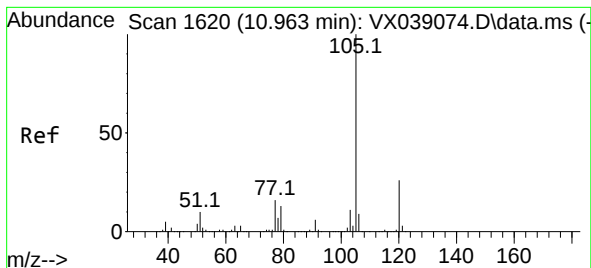
Tgt Ion: 83 Resp: 707684
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
131 9.1 7.2 10.8



#59
Bromoform
Concen: 210.673 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion: 173 Resp: 320983
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 8.0 6.2 9.2





#60

Isopropylbenzene

Concen: 189.049 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

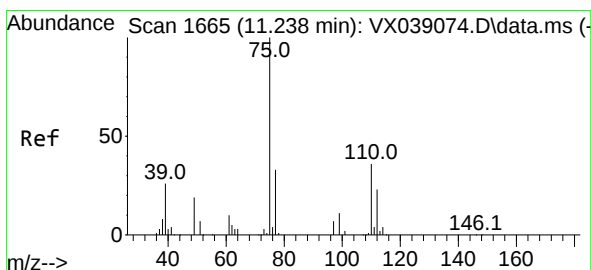
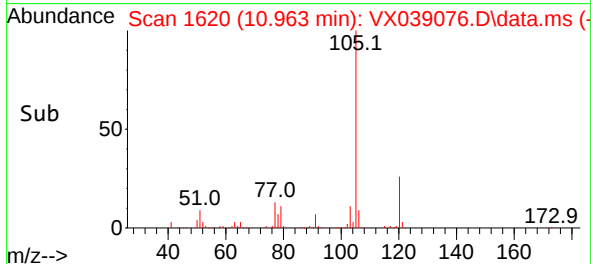
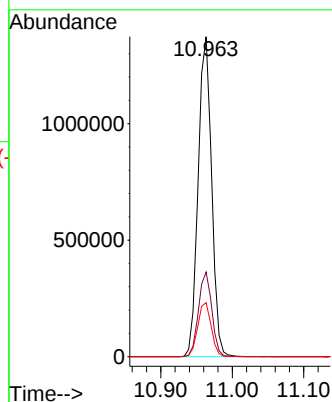
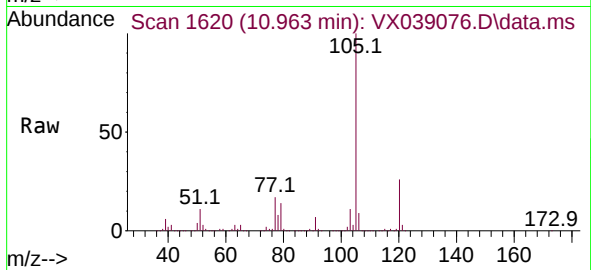
Tgt Ion:105 Resp: 1790833

Ion Ratio Lower Upper

105 100

120 26.2 20.5 30.7

77 17.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 195.675 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

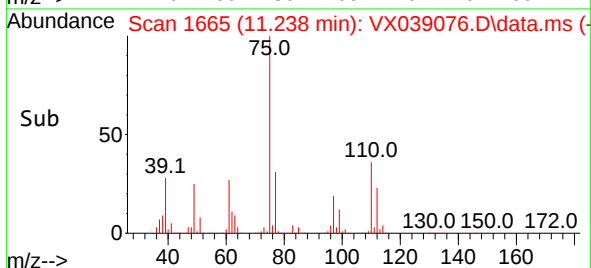
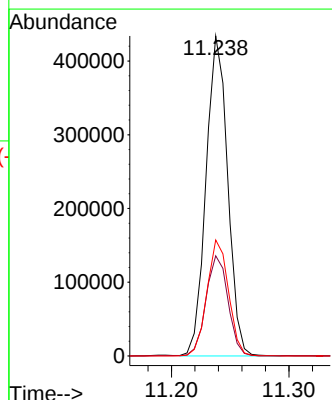
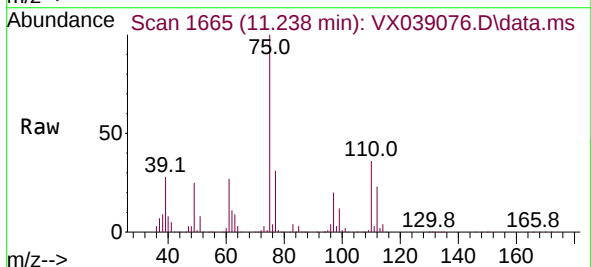
Tgt Ion: 75 Resp: 555693

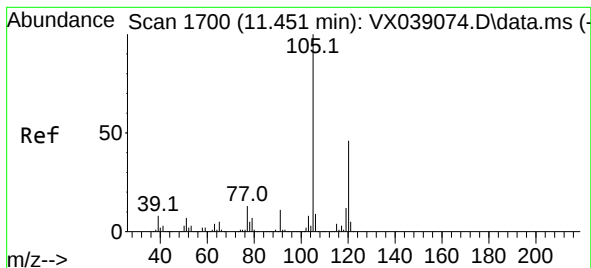
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

110 36.0 28.4 42.6

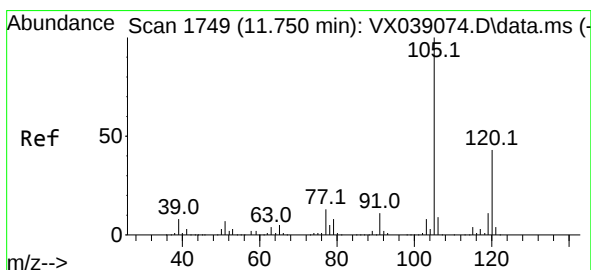
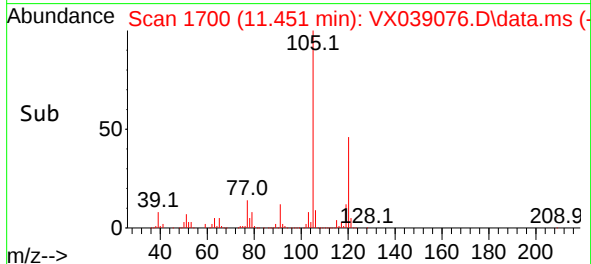
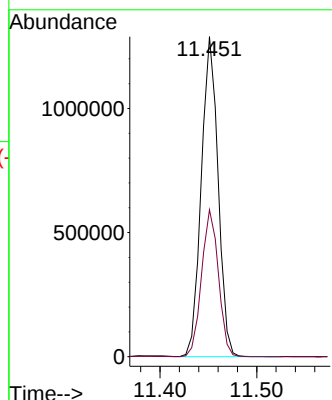
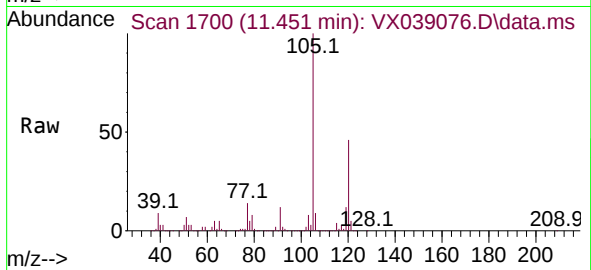




#62
1,3,5-Trimethylbenzene
Concen: 194.500 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

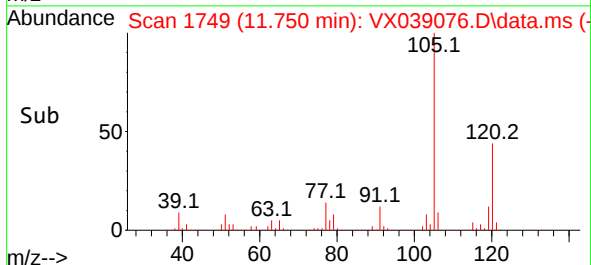
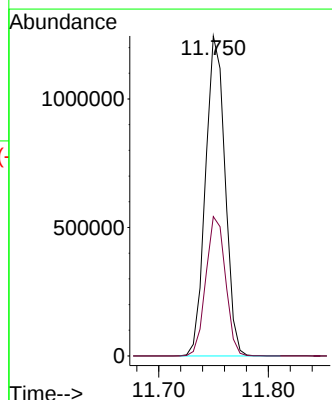
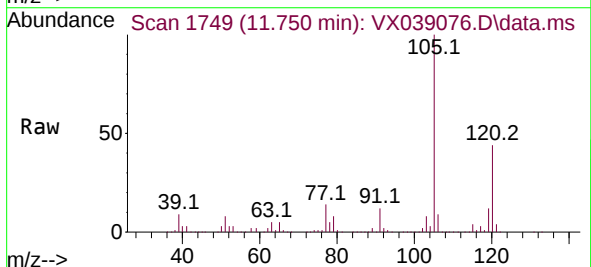
Instrument :
MSVOA_X
ClientSampleId :

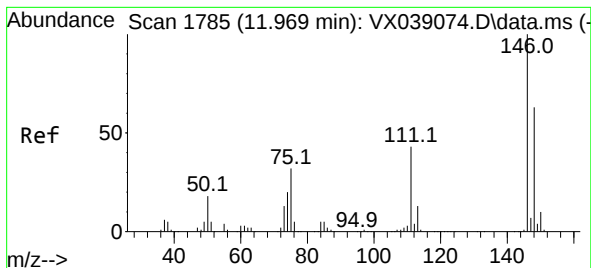
Tgt Ion:105 Resp: 1555496
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 196.388 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039076.D
Acq: 05 Dec 2023 11:47

Tgt Ion:105 Resp: 1540061
Ion Ratio Lower Upper
105 100
120 43.7 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 194.944 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

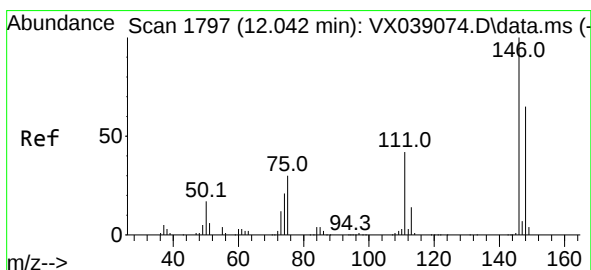
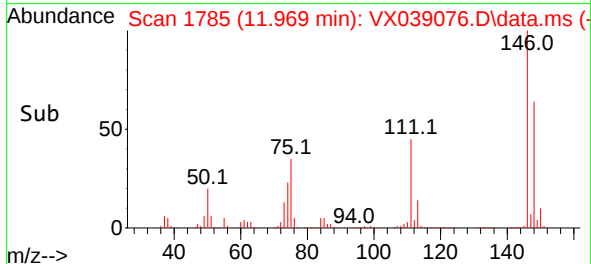
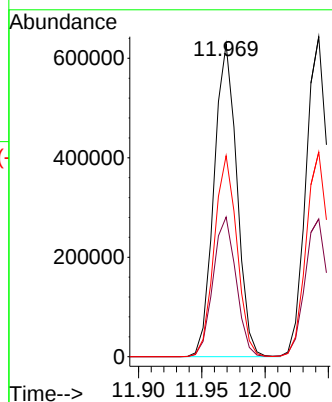
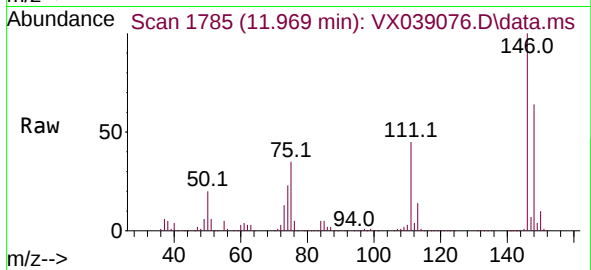
Tgt Ion:146 Resp: 790413

Ion Ratio Lower Upper

146 100

111 44.7 30.0 55.6

148 64.2 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 191.260 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

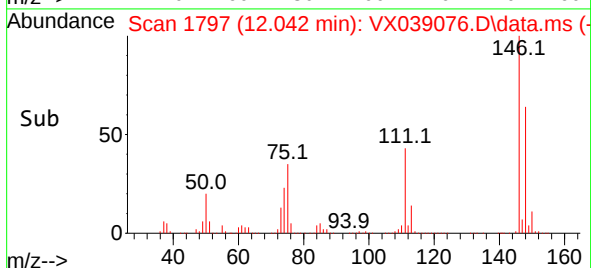
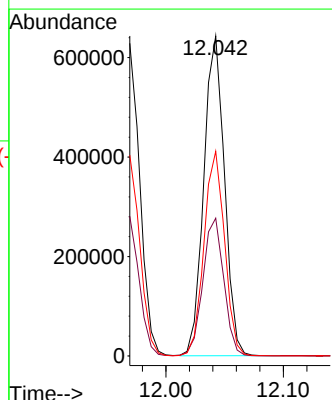
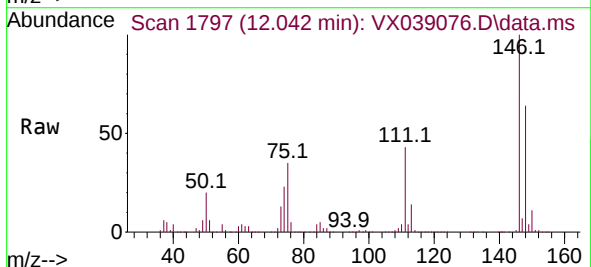
Tgt Ion:146 Resp: 785813

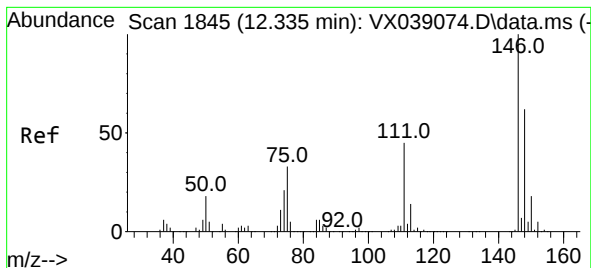
Ion Ratio Lower Upper

146 100

111 43.0 29.7 55.1

148 64.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 190.977 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

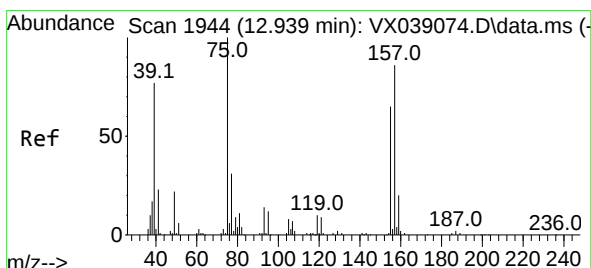
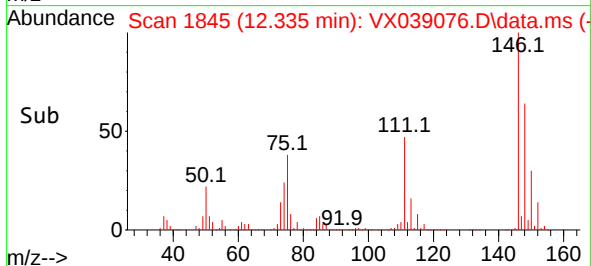
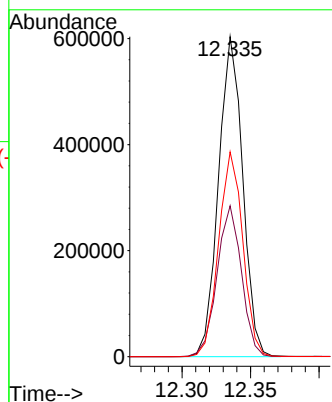
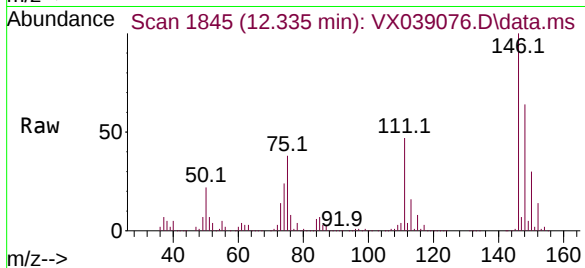
Tgt Ion:146 Resp: 740705

Ion Ratio Lower Upper

146 100

111 47.1 36.4 54.6

148 64.0 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 203.733 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

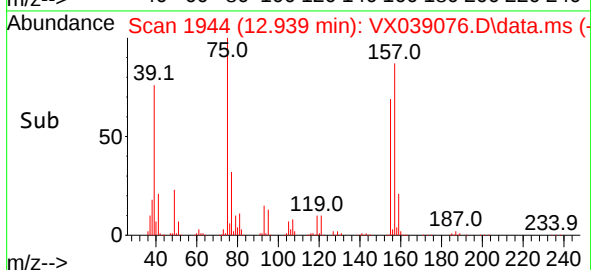
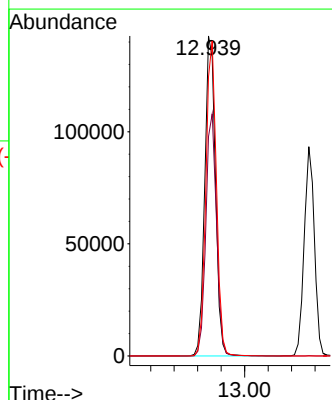
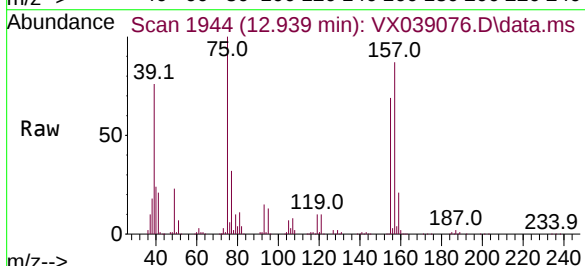
Tgt Ion: 75 Resp: 180570

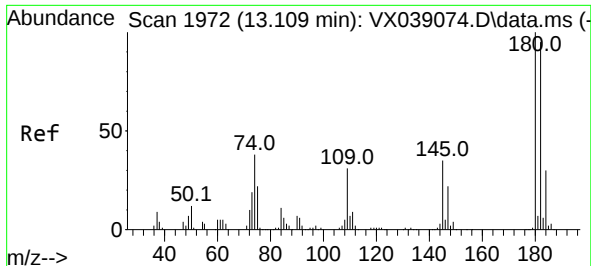
Ion Ratio Lower Upper

75 100

155 68.6 52.3 78.5

157 87.2 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 197.161 ug/L

RT: 13.115 min Scan# 1972

Delta R.T. 0.006 min

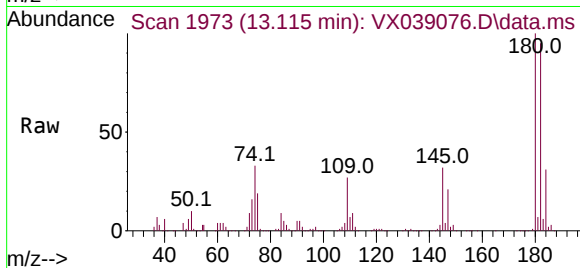
Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 528666

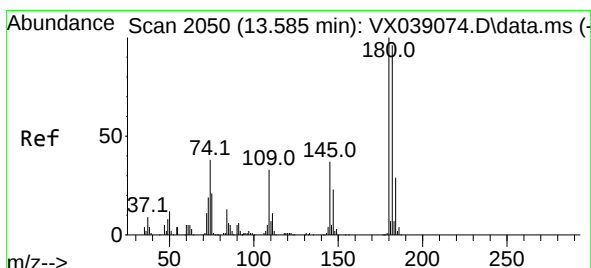
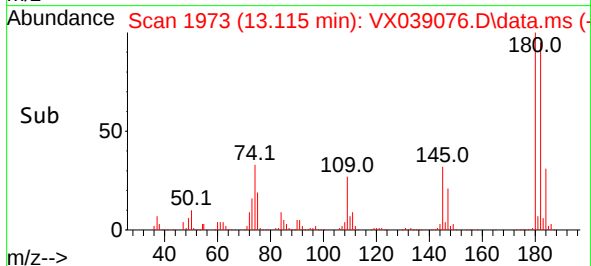
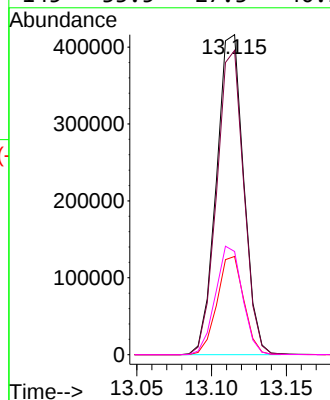
Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

184 30.2 24.1 36.1

145 33.5 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 196.830 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

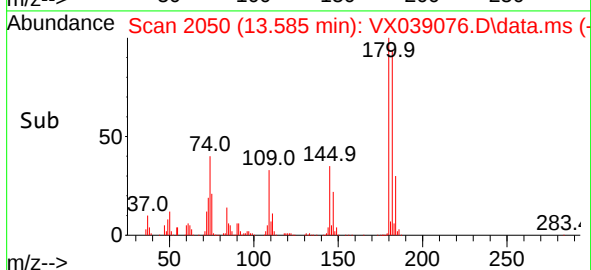
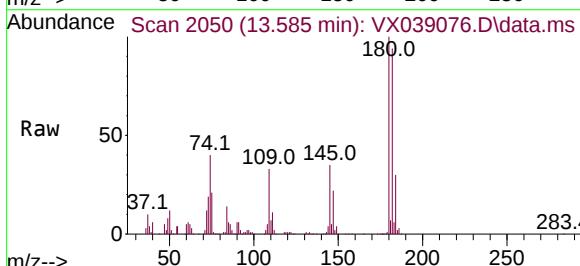
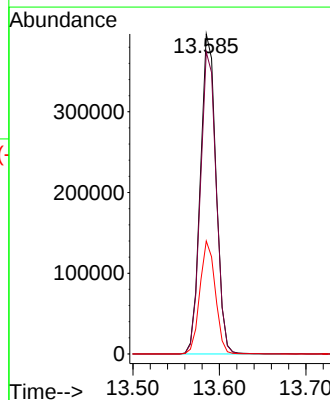
Tgt Ion:180 Resp: 497545

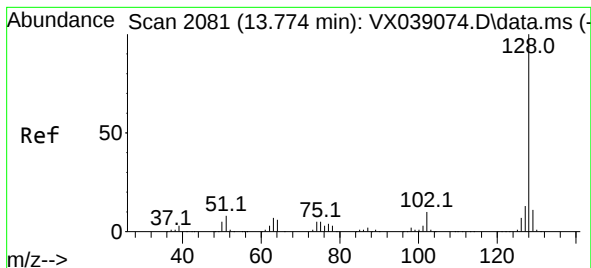
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 34.8 27.8 41.6





#71

Naphthalene

Concen: 202.023 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

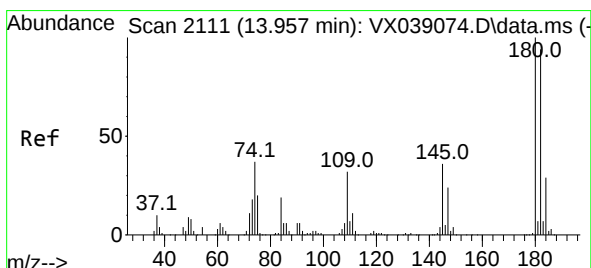
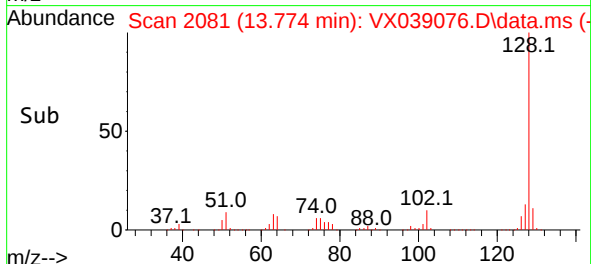
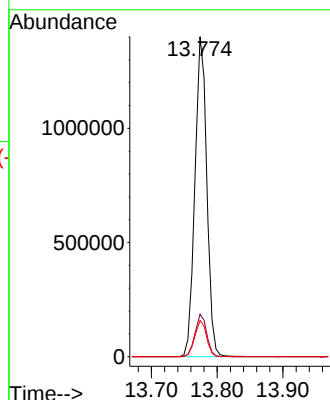
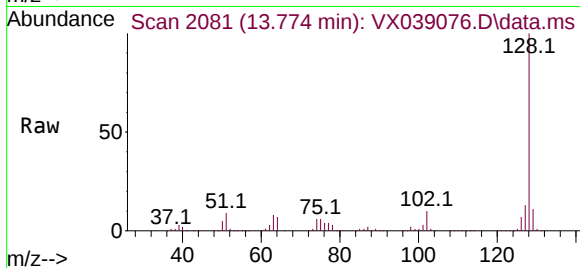
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128 Resp: 1751372

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.1	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 198.564 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039076.D

Acq: 05 Dec 2023 11:47

Tgt Ion:180 Resp: 486003

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.9	113.9
145	36.5	28.6	42.8

