

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012125\
 Data File : VX044679.D
 Acq On : 21 Jan 2025 12:23
 Operator :
 Sample : VSTD20059
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 22 01:01:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 22 00:56:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	292131	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	245599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	107328	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	514851	212.744	ug/L	0.00
7) Chloroethane-d5	1.648	69	80956	117.203	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	203407	213.695	ug/L	0.00
21) 2-Butanone-d5	4.452	46	500559	399.805	ug/L	0.00
24) Chloroform-d	5.050	84	859591	206.285	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	528817	192.411	ug/L	0.00
32) Benzene-d6	5.964	84	1658100	202.294	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	534506	206.316	ug/L	0.00
41) Toluene-d8	8.647	98	1441926	196.787	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	275867	207.770	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	304651	409.315	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	594485	190.359	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	439187	190.417	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	367209	217.227	ug/L	# 87
3) Chloromethane	1.294	50	439358	212.617	ug/L	98
5) Vinyl chloride	1.374	62	446172	215.448	ug/L	99
6) Bromomethane	1.599	94	101790	208.877	ug/L	99
8) Chloroethane	1.666	64	94008	247.738	ug/L	97
9) Trichlorofluoromethane	1.861	101	385284	205.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	354192	225.413	ug/L	98
12) 1,1-Dichloroethene	2.306	96	331974	227.096	ug/L	# 84
13) Acetone	2.386	43	308967	408.057	ug/L	99
14) Carbon disulfide	2.502	76	999513	217.848	ug/L	99
15) Methyl Acetate	2.703	43	389588	214.686	ug/L	99
16) Methylene chloride	2.782	84	388090	214.593	ug/L	100
17) trans-1,2-Dichloroethene	3.081	96	354883	216.746	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	1252839	212.636	ug/L	100
19) 1,1-Dichloroethane	3.599	63	697617	215.359	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	429395	217.130	ug/L	98
22) 2-Butanone	4.556	43	498713	431.526	ug/L	99
23) Bromochloromethane	4.891	128	210097	216.804	ug/L	98
25) Chloroform	5.086	83	708351	213.400	ug/L	100
27) 1,2-Dichloroethane	6.080	62	548161	213.950	ug/L	100
29) Cyclohexane	5.458	56	637672	216.807	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	603661	216.792	ug/L	100
31) Carbon tetrachloride	5.666	117	515472	215.484	ug/L	99
33) Benzene	6.031	78	1465438	212.425	ug/L	100
34) Trichloroethene	7.117	95	398482	221.915	ug/L	99
35) Methylcyclohexane	7.373	83	647525	219.112	ug/L	99
37) 1,2-Dichloropropane	7.421	63	400184	214.659	ug/L	100
38) Bromodichloromethane	7.818	83	547258	216.778	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	700011	218.353	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	955632	427.414	ug/L	100
42) Toluene	8.714	91	1489650	208.445	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	633484	218.402	ug/L	99

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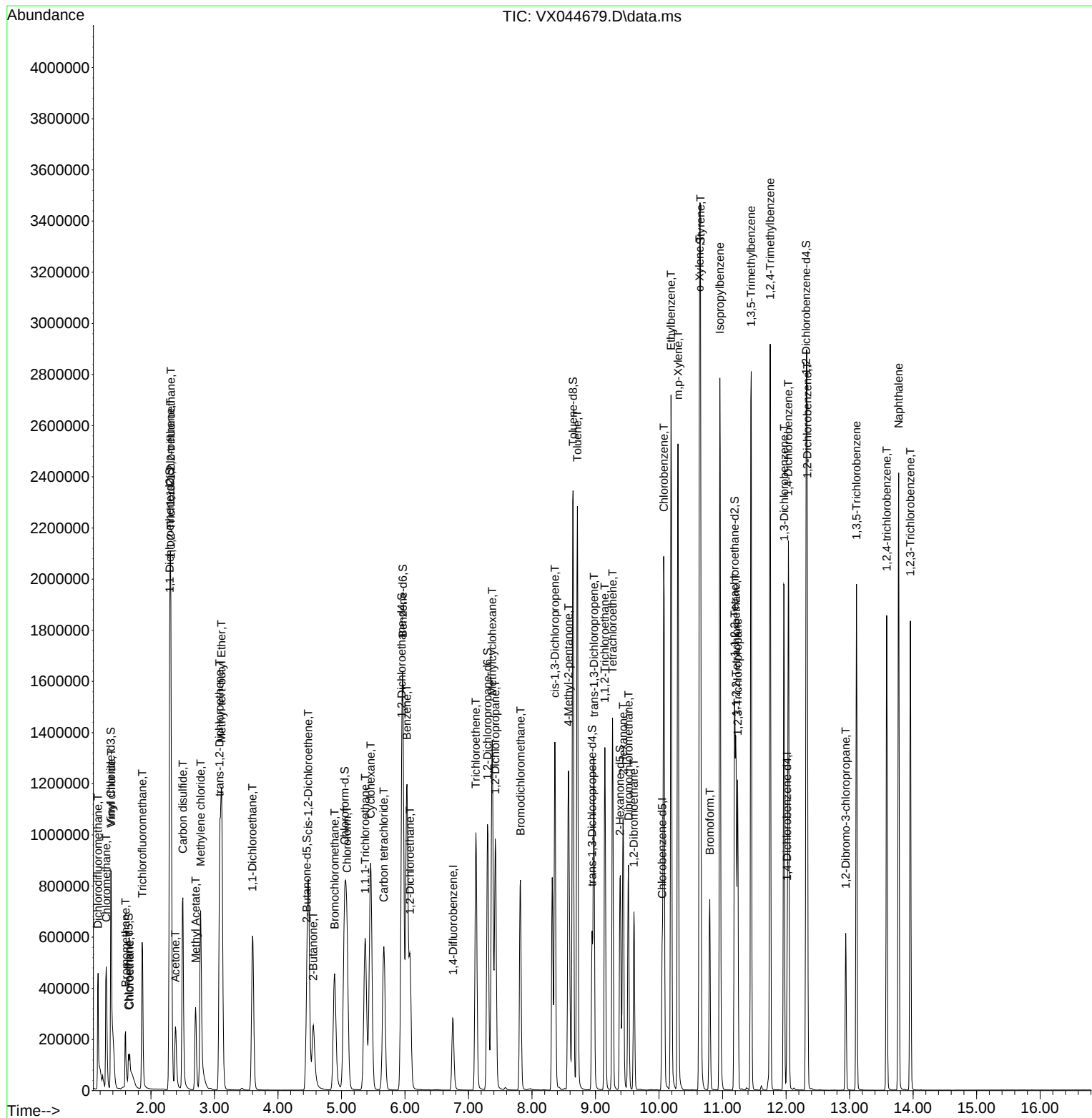
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	370687	204.234	ug/L	100
46) Tetrachloroethene	9.269	164	265582	215.905	ug/L	98
48) 2-Hexanone	9.433	43	675111	410.267	ug/L	99
49) Dibromochloromethane	9.519	129	392183	208.662	ug/L	99
50) 1,2-Dibromoethane	9.604	107	394039	213.044	ug/L	96
51) Chlorobenzene	10.073	112	928223	210.494	ug/L	99
52) Ethylbenzene	10.189	91	1624136	210.765	ug/L	98
53) m,p-Xylene	10.299	106	605858	210.193	ug/L	99
54) o-Xylene	10.640	106	582881	203.702	ug/L	98
55) Styrene	10.652	104	973872	210.171	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	528955	200.700	ug/L	99
59) Bromoform	10.799	173	269739	198.703	ug/L	99
60) Isopropylbenzene	10.957	105	1515181	198.604	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	401475	190.576	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1259975	198.923	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1239625	201.198	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	644816	210.537	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	634789	206.594	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	620833	202.114	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	123126	203.289	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	429342	215.194	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	404425	225.085	ug/L	99
71) Naphthalene	13.774	128	1471710	213.806	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	401762	217.744	ug/L	99

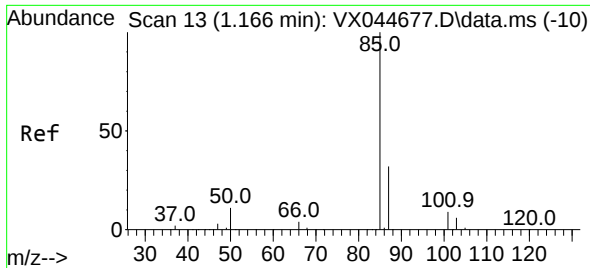
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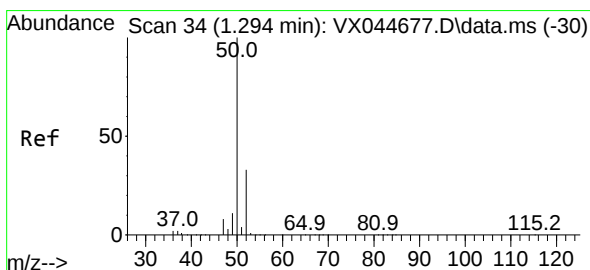
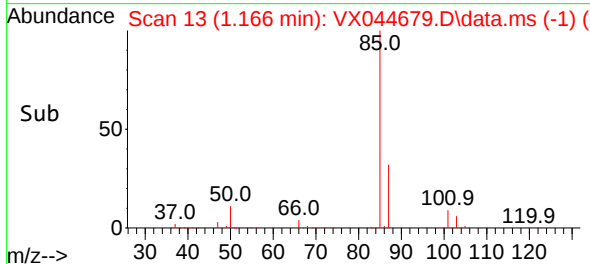
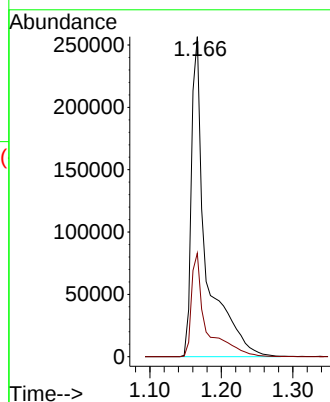
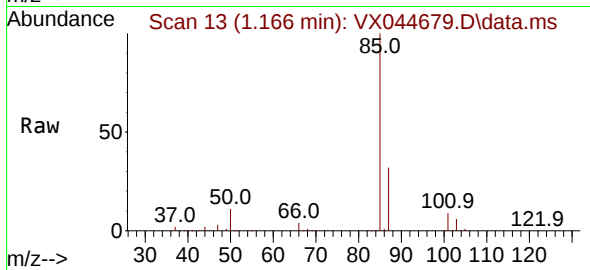




#2
Dichlorodifluoromethane
Concen: 217.227 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

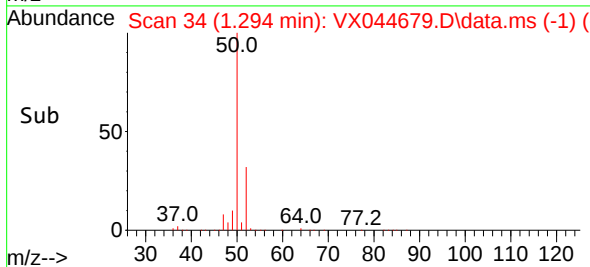
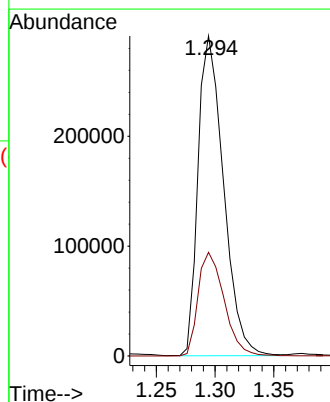
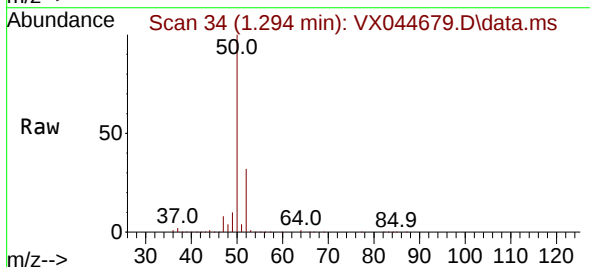
Instrument :
MSVOA_X
ClientSampleId :

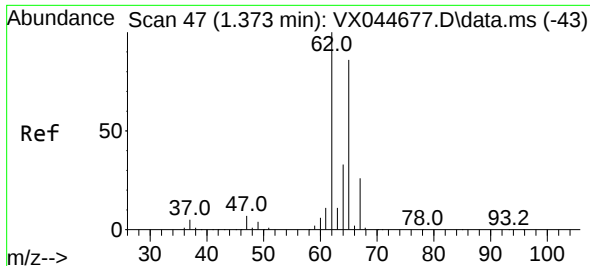
Tgt Ion: 85 Resp: 367209
Ion Ratio Lower Upper
85 100
87 25.2 25.9 38.9#



#3
Chloromethane
Concen: 212.617 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion: 50 Resp: 439358
Ion Ratio Lower Upper
50 100
52 32.4 23.3 43.3

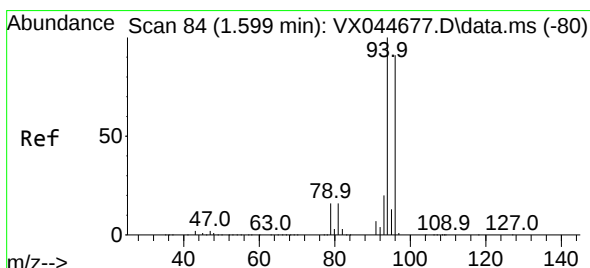
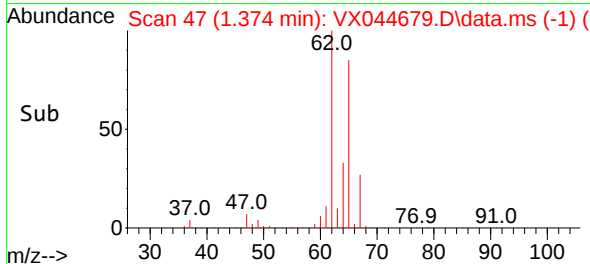
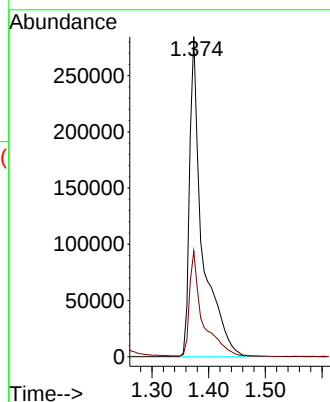
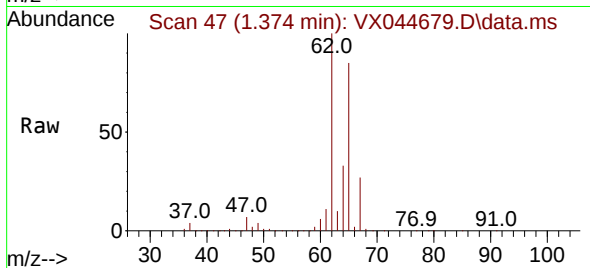




#5
 Vinyl chloride
 Concen: 215.448 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044679.D
 Acq: 21 Jan 2025 12:23

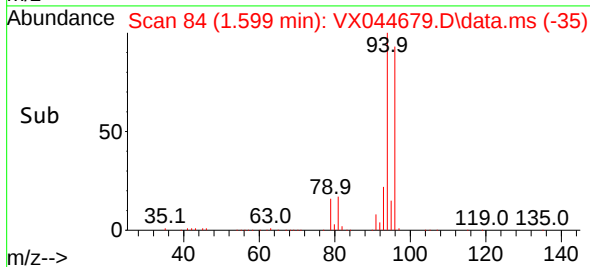
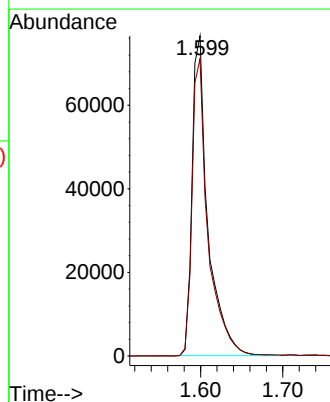
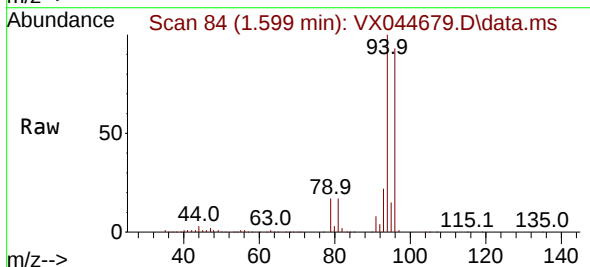
Instrument :
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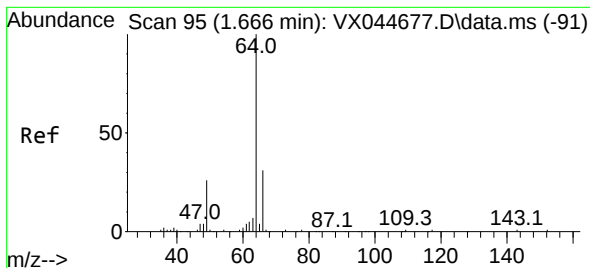
Tgt Ion: 62 Resp: 446172
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.7 44.1



#6
 Bromomethane
 Concen: 208.877 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX044679.D
 Acq: 21 Jan 2025 12:23

Tgt Ion: 94 Resp: 101790
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.3 119.3





#8

Chloroethane

Concen: 247.738 ug/L

RT: 1.666 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

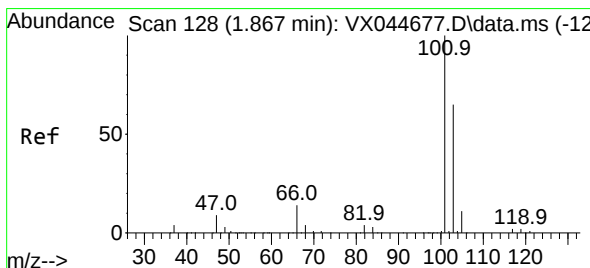
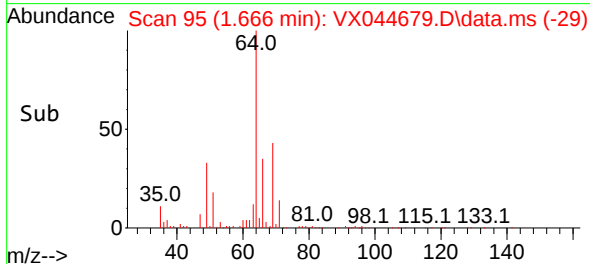
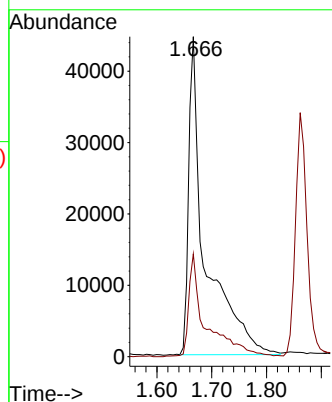
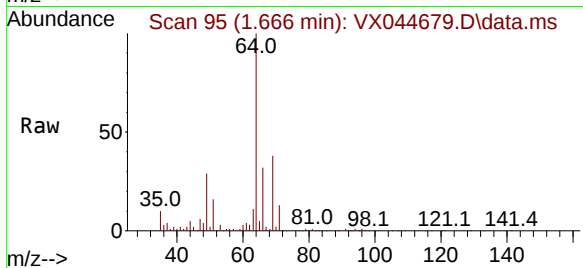
ClientSampleId :

Tgt Ion: 64 Resp: 94008

Ion Ratio Lower Upper

64 100

66 32.1 21.4 39.8



#9

Trichlorofluoromethane

Concen: 205.626 ug/L

RT: 1.861 min Scan# 127

Delta R.T. -0.006 min

Lab File: VX044679.D

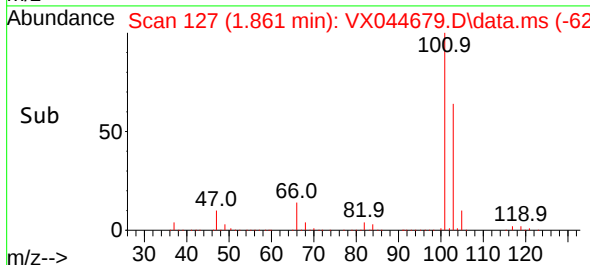
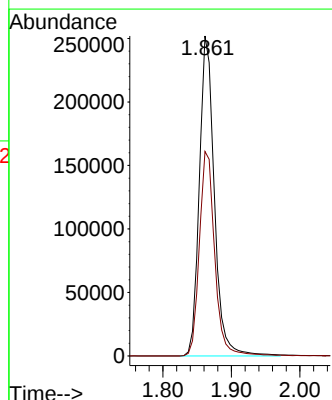
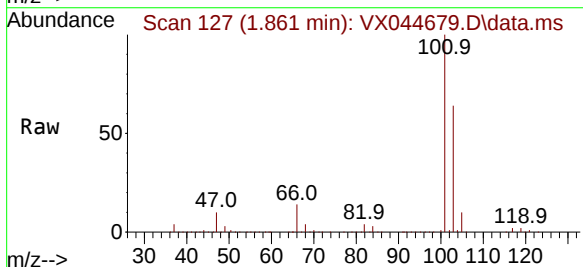
Acq: 21 Jan 2025 12:23

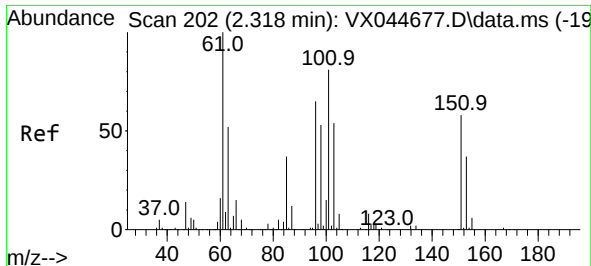
Tgt Ion:101 Resp: 385284

Ion Ratio Lower Upper

101 100

103 65.6 52.2 78.2

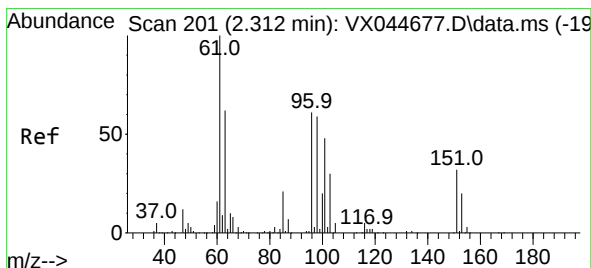
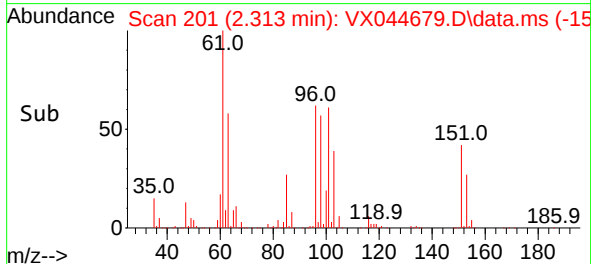
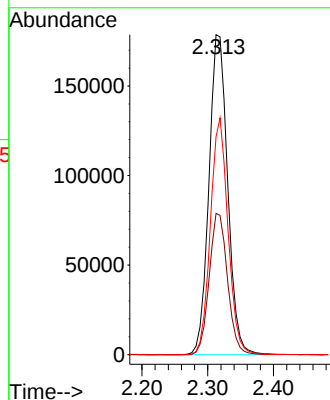
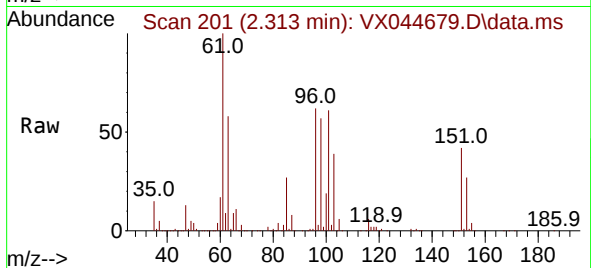




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 225.413 ug/L
 RT: 2.313 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VX044679.D
 Acq: 21 Jan 2025 12:23

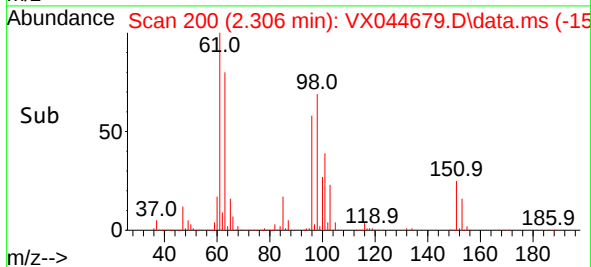
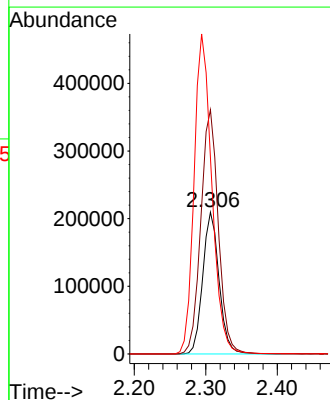
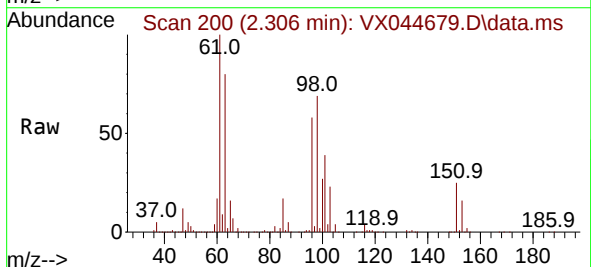
Instrument :
 MSVOA_X
 ClientSampleId :

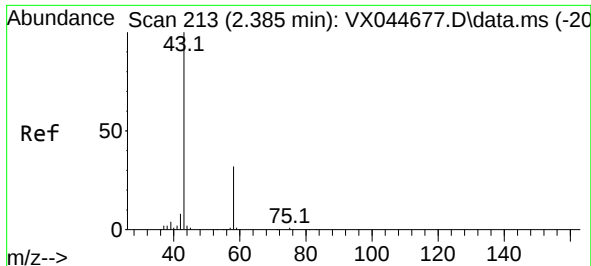
Tgt Ion:101 Resp: 354192
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.4 53.0
 151 69.7 57.0 85.4



#12
 1,1-Dichloroethene
 Concen: 227.096 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX044679.D
 Acq: 21 Jan 2025 12:23

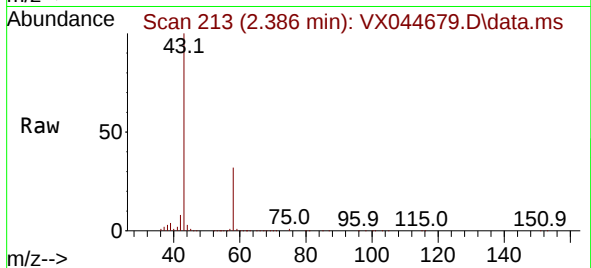
Tgt Ion: 96 Resp: 331974
 Ion Ratio Lower Upper
 96 100
 61 172.2 115.1 213.8
 63 138.5 74.1 137.5#



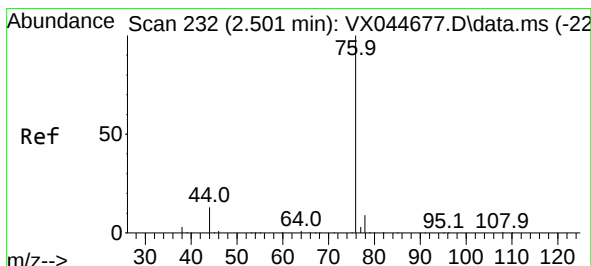
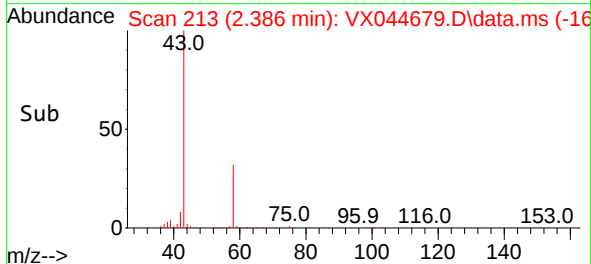
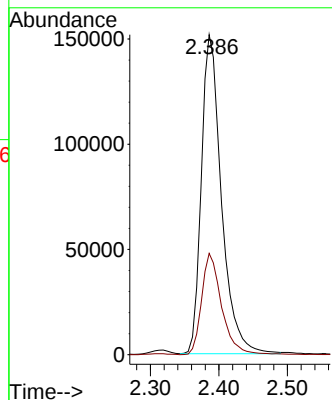


#13
Acetone
Concen: 408.057 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :

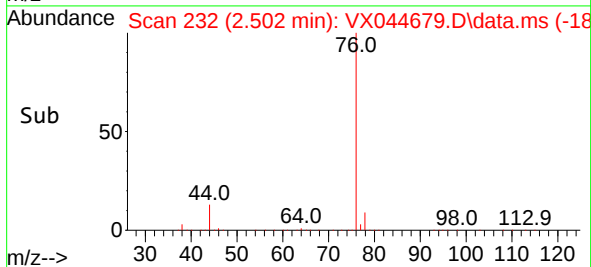
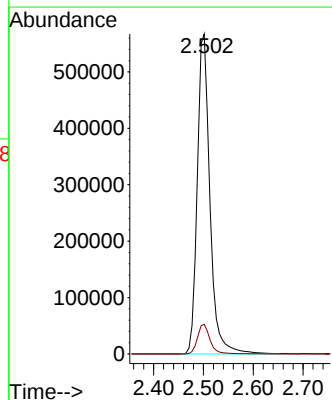
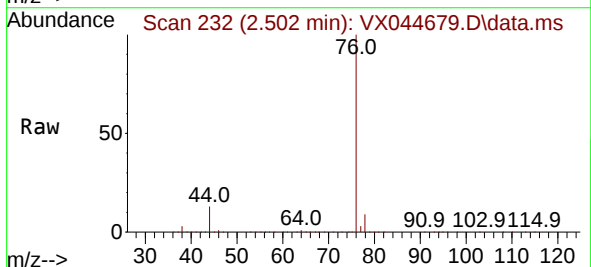


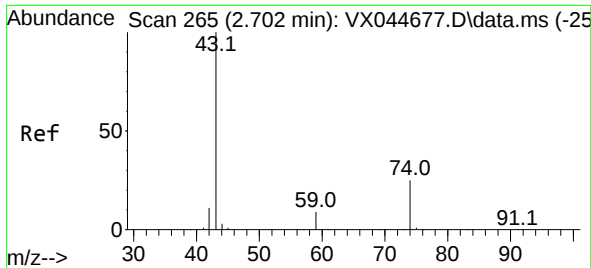
Tgt Ion: 43 Resp: 308967
Ion Ratio Lower Upper
43 100
58 31.7 0.0 64.6



#14
Carbon disulfide
Concen: 217.848 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion: 76 Resp: 999513
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

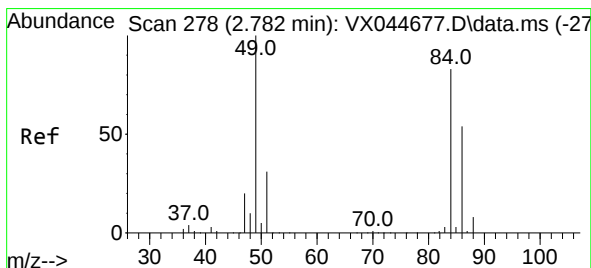
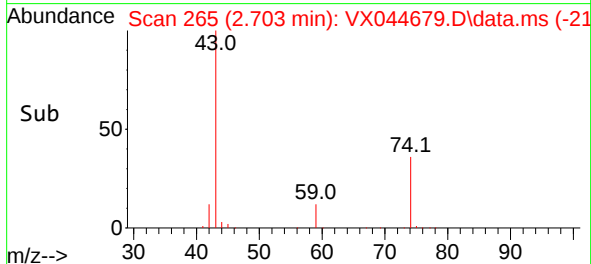
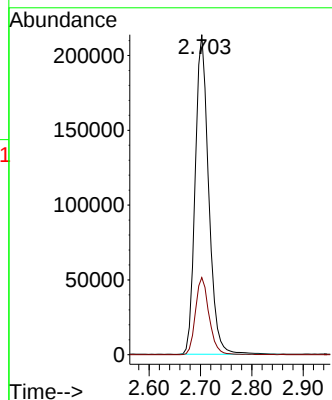
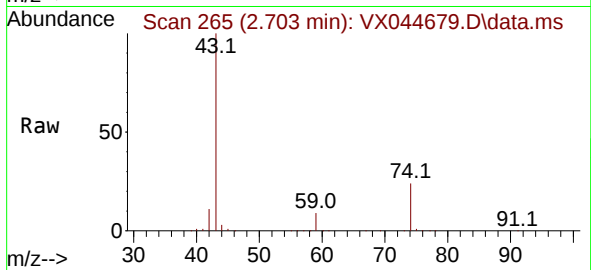




#15
Methyl Acetate
Concen: 214.686 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

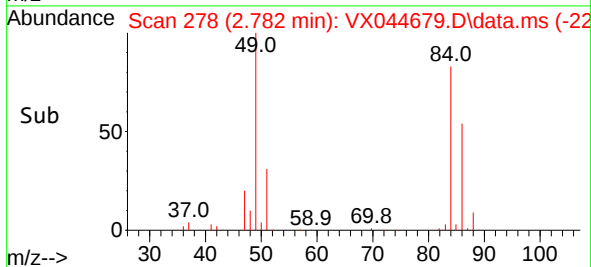
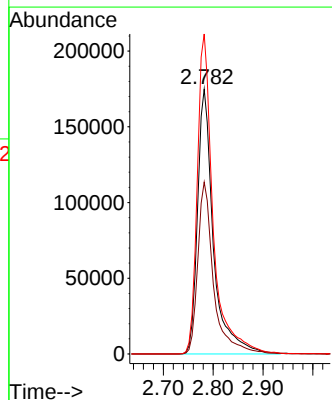
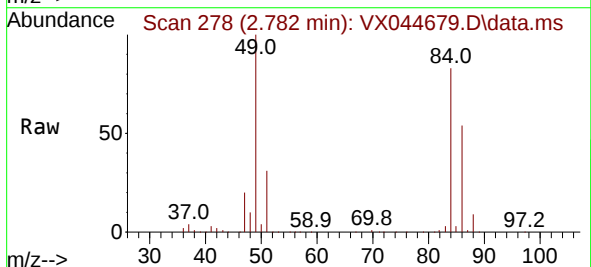
Instrument :
MSVOA_X
ClientSampleId :

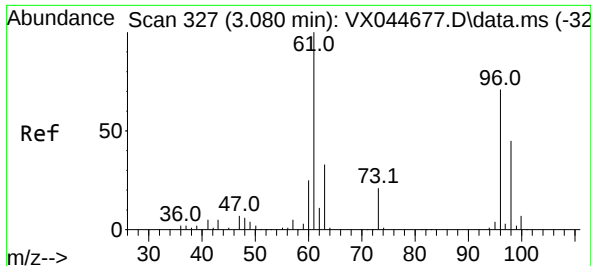
Tgt Ion: 43 Resp: 389588
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5



#16
Methylene chloride
Concen: 214.593 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion: 84 Resp: 388090
Ion Ratio Lower Upper
84 100
86 64.9 45.6 84.8
49 120.9 84.6 157.0

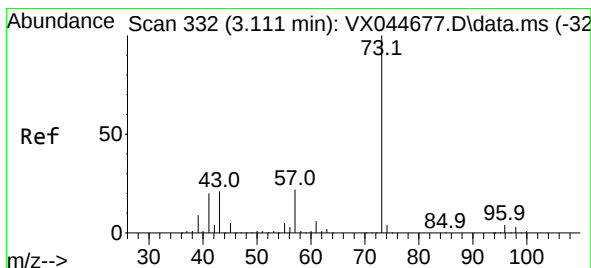
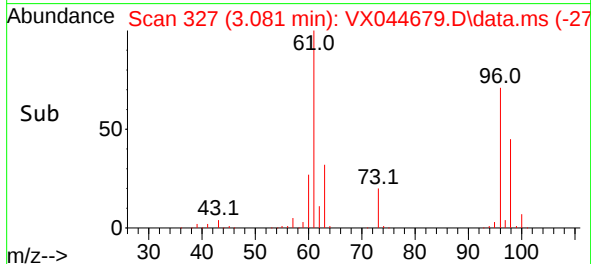
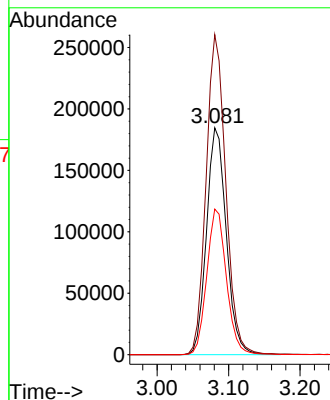
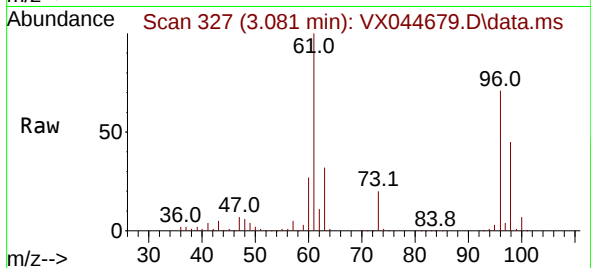




#17
trans-1,2-Dichloroethene
Concen: 216.746 ug/L
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

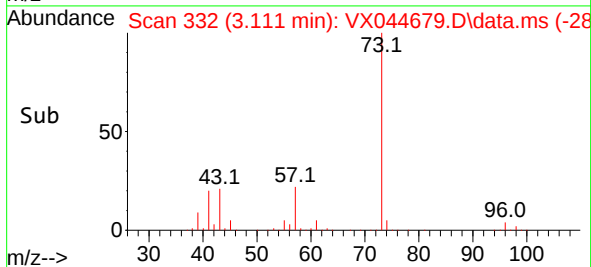
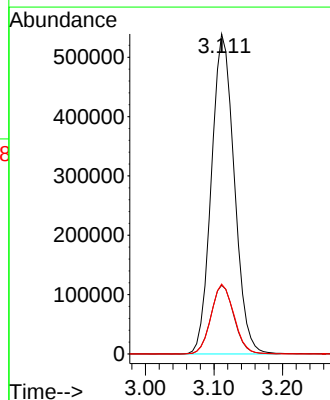
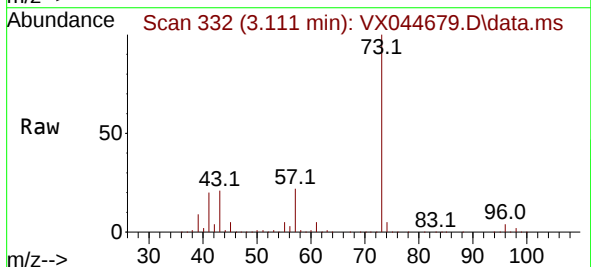
Instrument :
MSVOA_X
ClientSampleId :

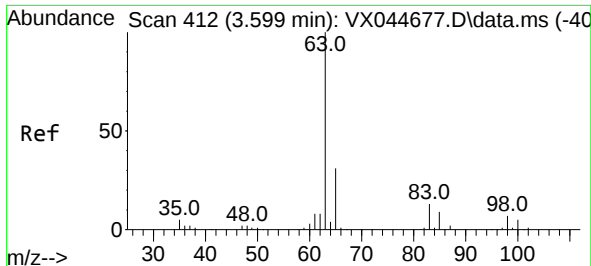
Tgt Ion: 96 Resp: 354883
Ion Ratio Lower Upper
96 100
61 141.0 98.3 182.7
98 64.1 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 212.636 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion: 73 Resp: 1252839
Ion Ratio Lower Upper
73 100
43 21.5 16.9 25.3
57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 215.359 ug/L

RT: 3.599 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

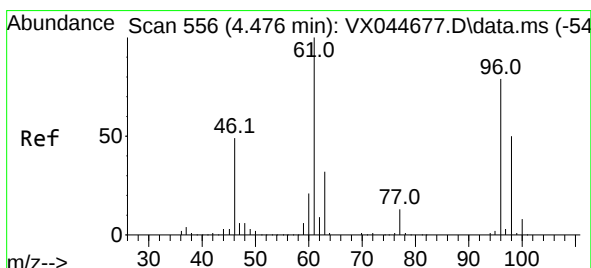
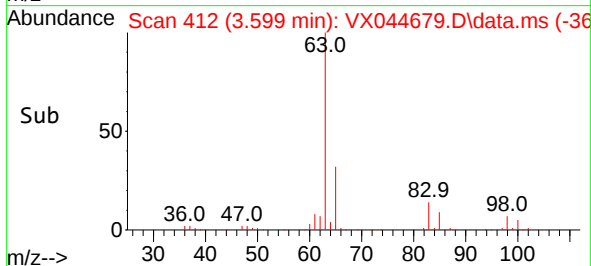
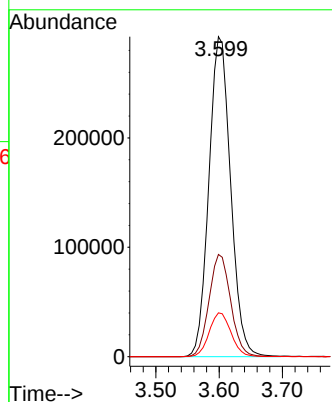
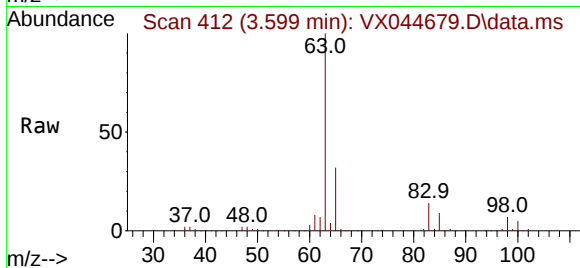
Tgt Ion: 63 Resp: 697617

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.6

83 13.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 217.130 ug/L

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

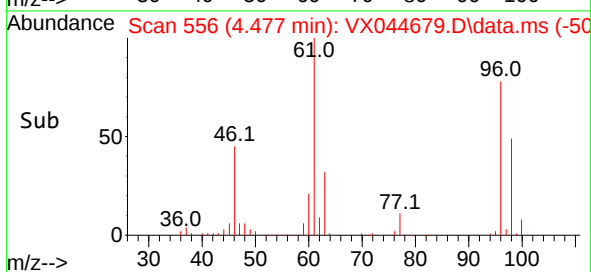
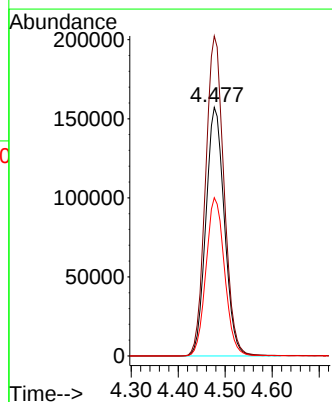
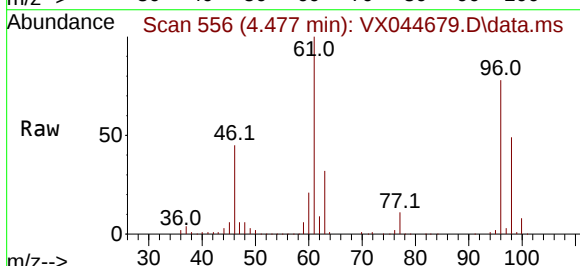
Tgt Ion: 96 Resp: 429395

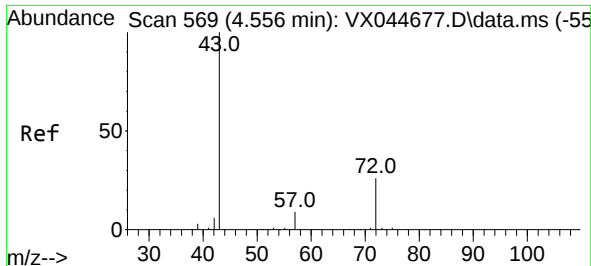
Ion Ratio Lower Upper

96 100

61 128.7 88.3 163.9

98 63.7 44.6 82.8

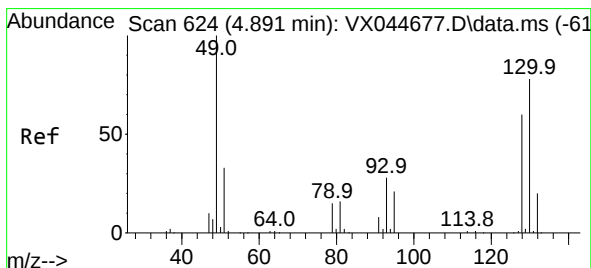
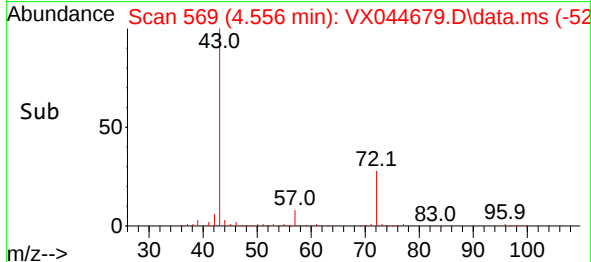
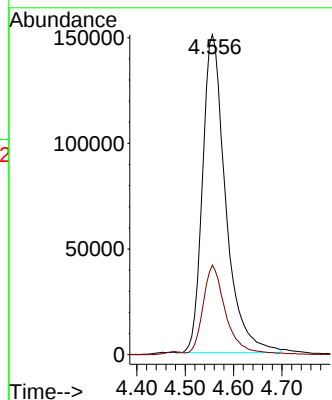
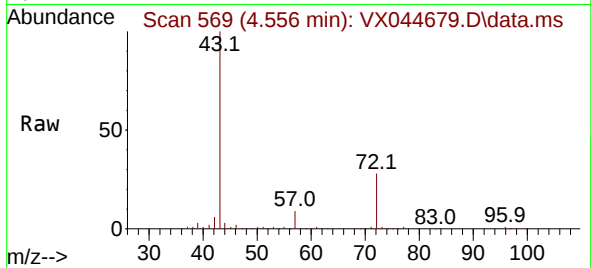




#22
2-Butanone
Concen: 431.526 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

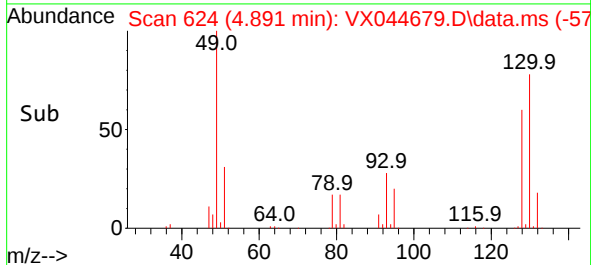
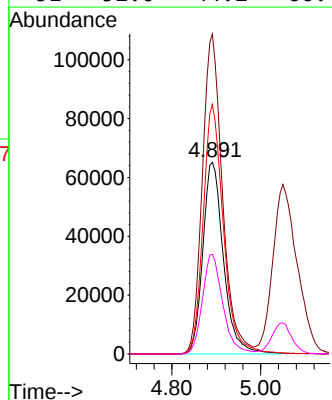
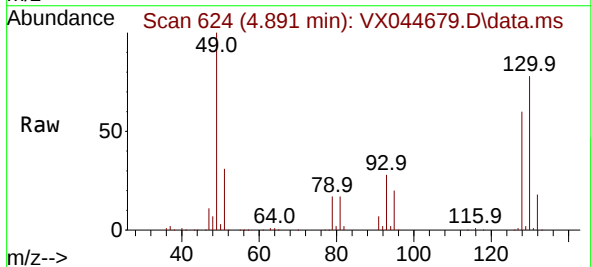
Instrument :
MSVOA_X
ClientSampleId :

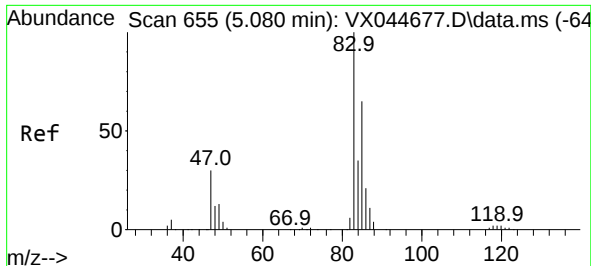
Tgt Ion: 43 Resp: 498713
Ion Ratio Lower Upper
43 100
72 27.2 13.4 40.2



#23
Bromochloromethane
Concen: 216.804 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion: 128 Resp: 210097
Ion Ratio Lower Upper
128 100
49 166.9 117.6 218.4
130 130.2 92.0 170.9
51 52.0 44.2 66.4





#25

Chloroform

Concen: 213.400 ug/L

RT: 5.086 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

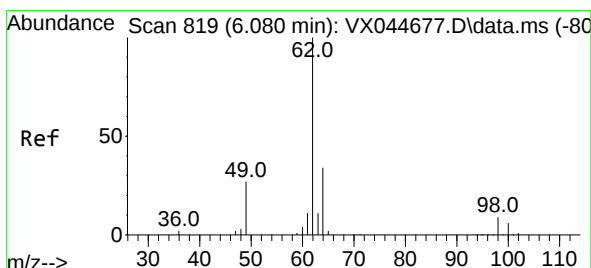
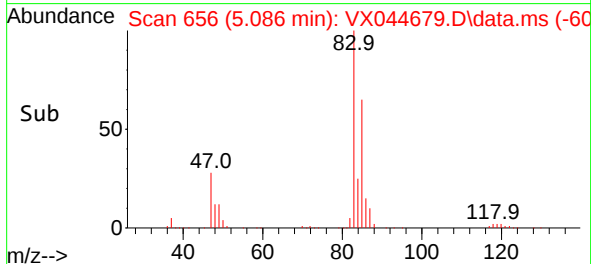
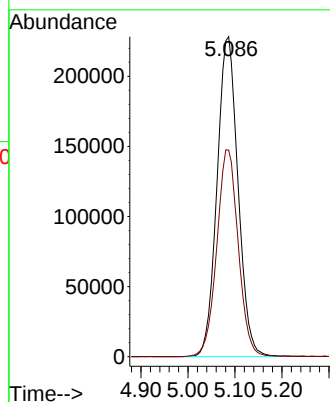
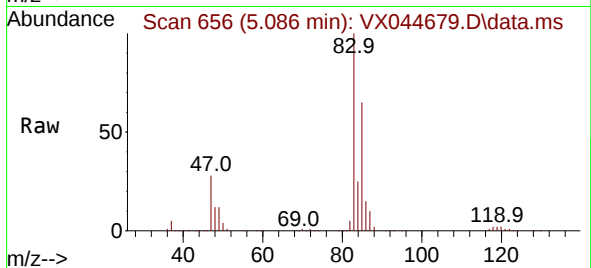
ClientSampleId :

Tgt Ion: 83 Resp: 708351

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.2



#27

1,2-Dichloroethane

Concen: 213.950 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044679.D

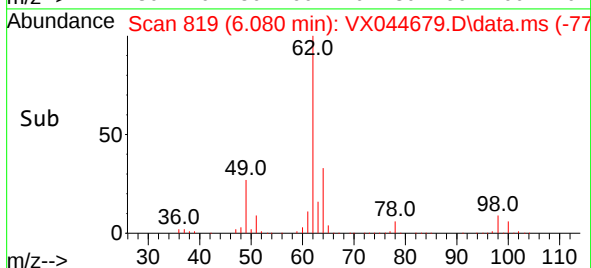
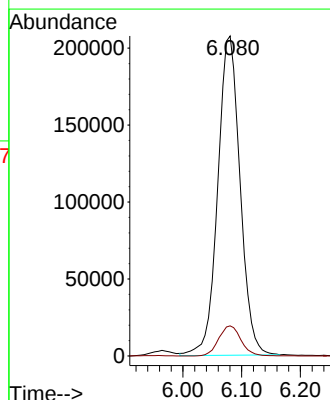
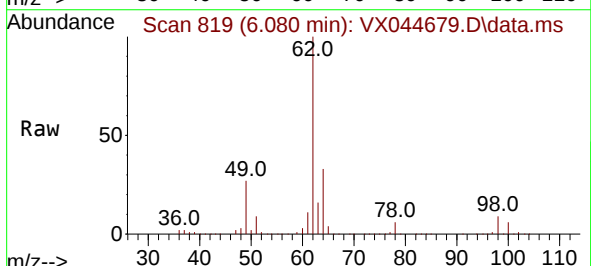
Acq: 21 Jan 2025 12:23

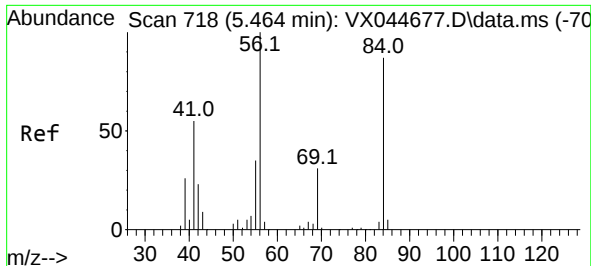
Tgt Ion: 62 Resp: 548161

Ion Ratio Lower Upper

62 100

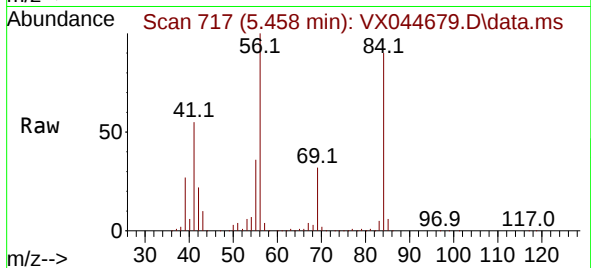
98 9.4 7.4 11.2



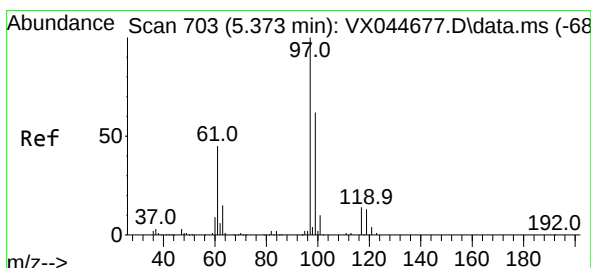
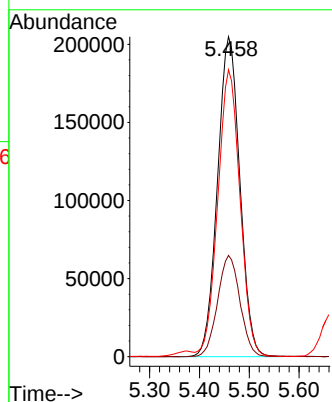
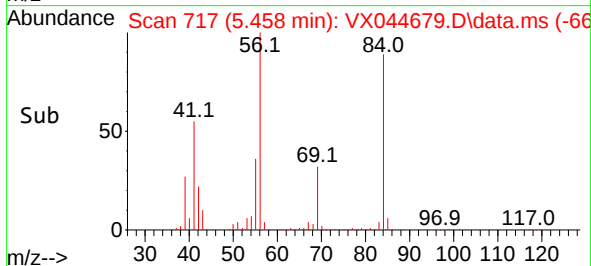


#29
Cyclohexane
Concen: 216.807 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :

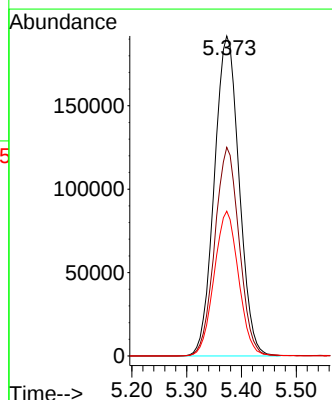
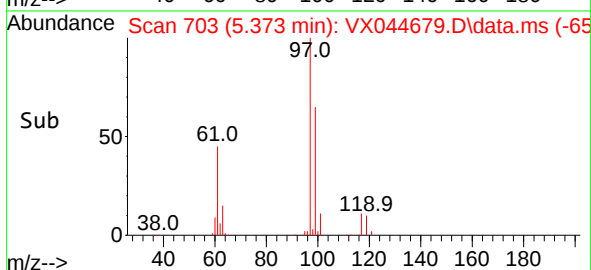
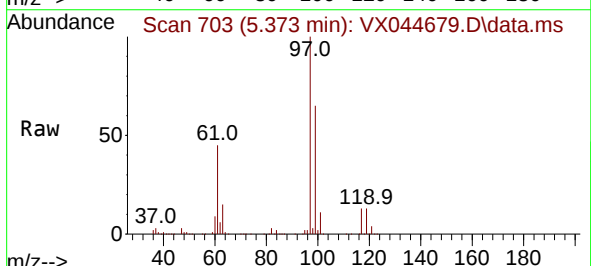


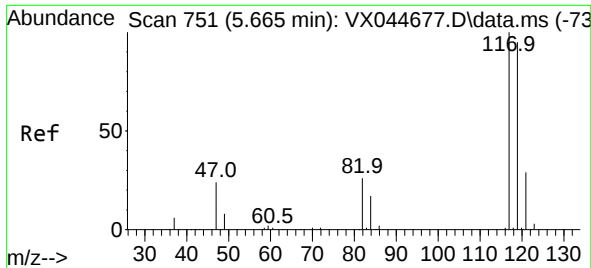
Tgt Ion: 56 Resp: 637672
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.2
84 88.8 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 216.792 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion: 97 Resp: 603661
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 44.8 35.8 53.6

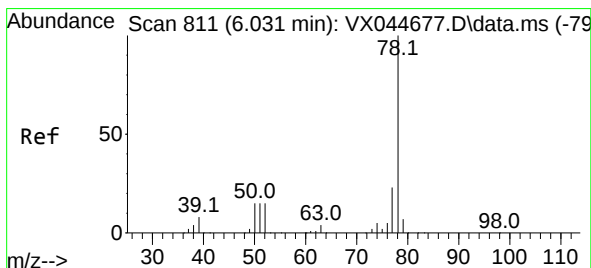
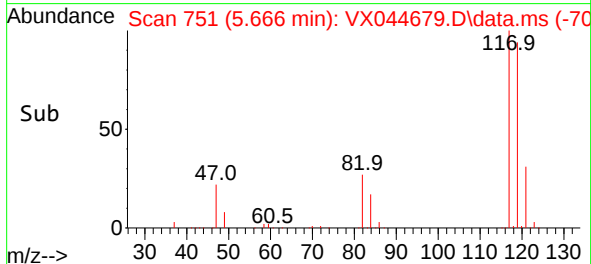
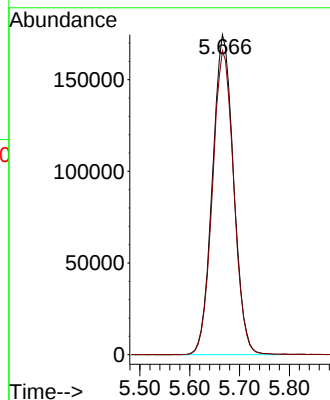
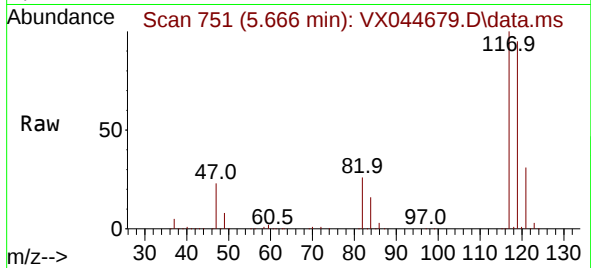




#31
Carbon tetrachloride
Concen: 215.484 ug/L
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

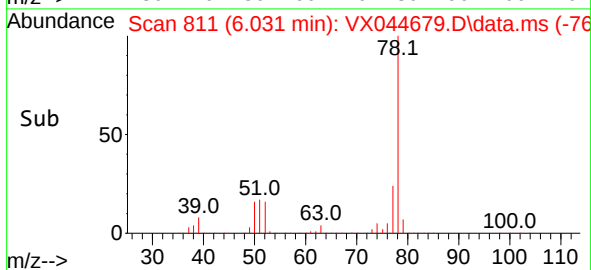
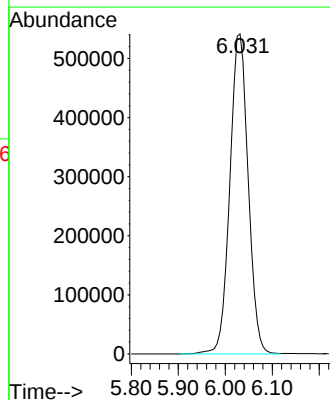
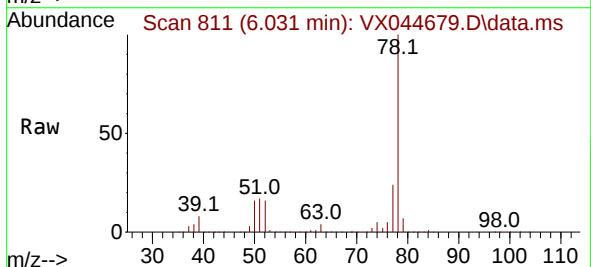
Instrument :
MSVOA_X
ClientSampleId :

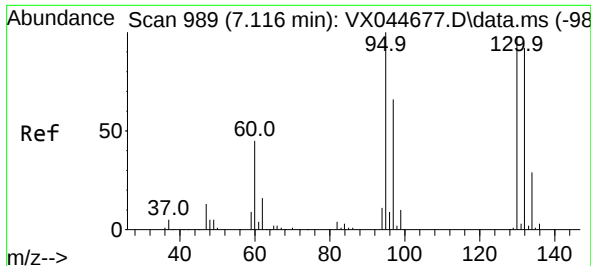
Tgt Ion:117 Resp: 515472
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7



#33
Benzene
Concen: 212.425 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

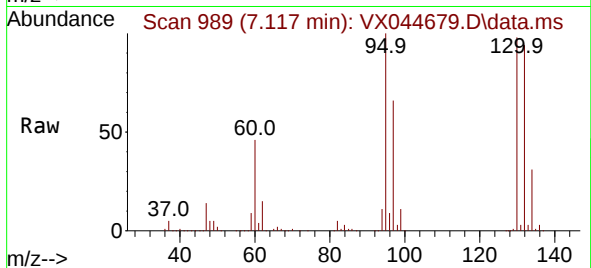
Tgt Ion: 78 Resp: 1465438



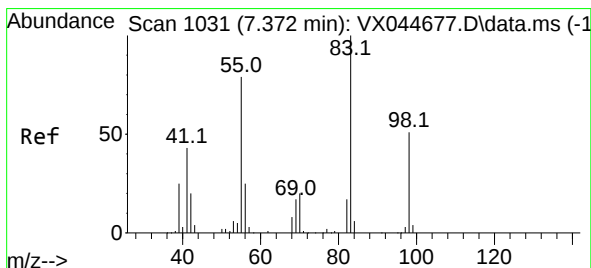
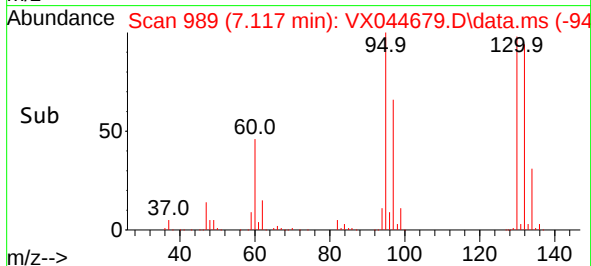
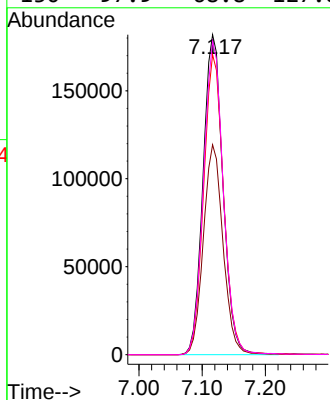


#34
Trichloroethene
Concen: 221.915 ug/L
RT: 7.117 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :

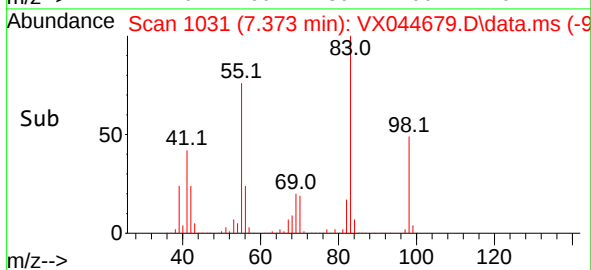
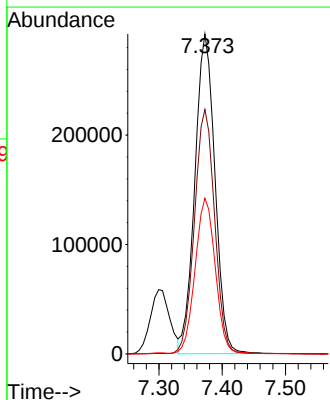
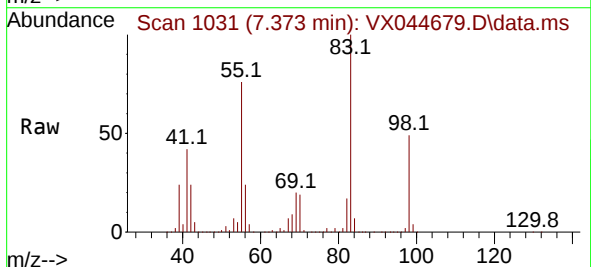


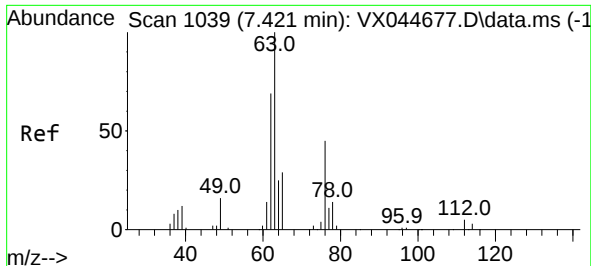
Tgt Ion: 95 Resp: 398482
Ion Ratio Lower Upper
95 100
97 65.6 46.1 85.5
132 93.7 64.5 119.9
130 97.9 68.8 127.8



#35
Methylcyclohexane
Concen: 219.112 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion: 83 Resp: 647525
Ion Ratio Lower Upper
83 100
55 76.9 60.6 90.8
98 48.7 38.9 58.3





#37

1,2-Dichloropropane

Concen: 214.659 ug/L

RT: 7.421 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

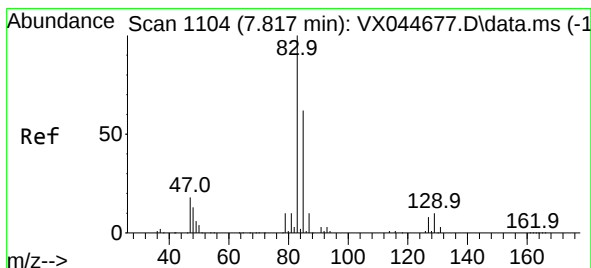
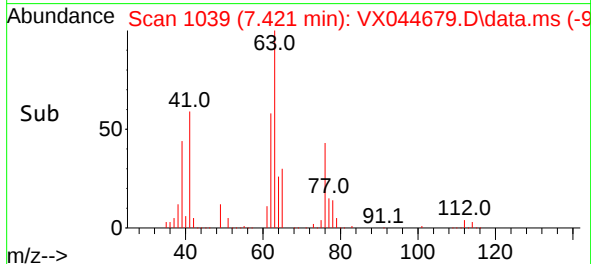
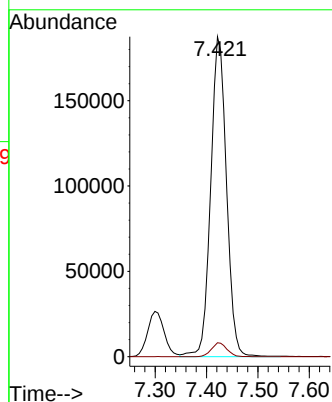
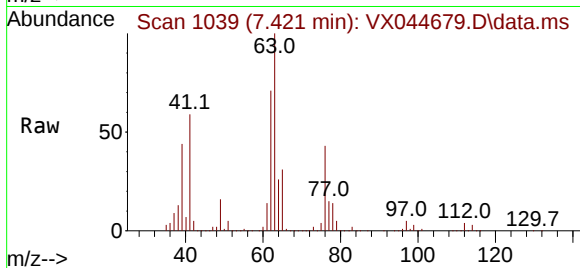
ClientSampleId :

Tgt Ion: 63 Resp: 400184

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 216.778 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

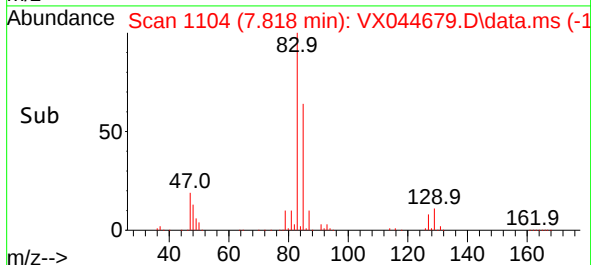
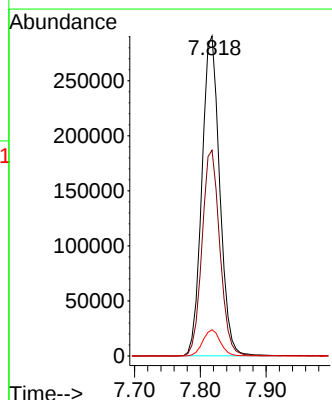
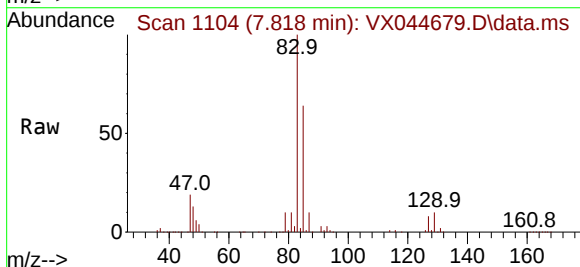
Tgt Ion: 83 Resp: 547258

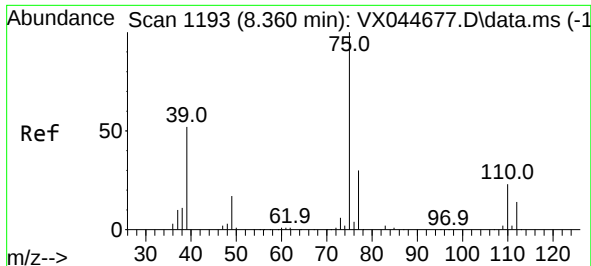
Ion Ratio Lower Upper

83 100

85 64.3 43.8 81.3

127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 218.353 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

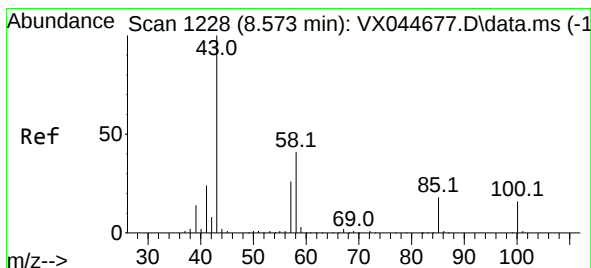
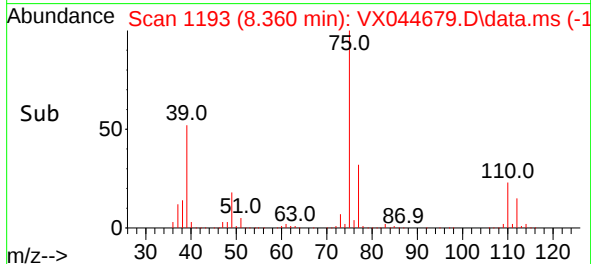
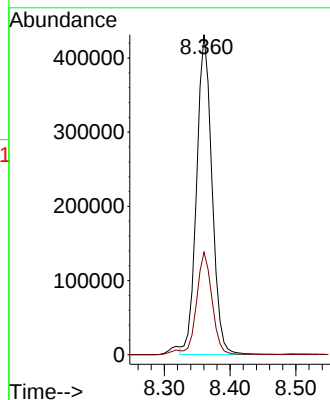
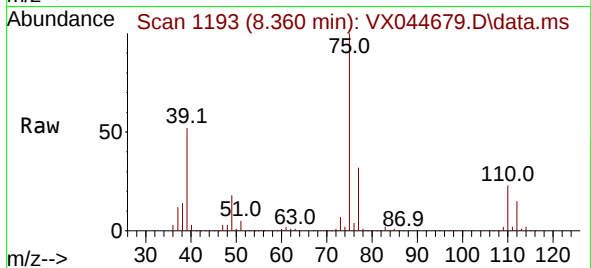
ClientSampleId :

Tgt Ion: 75 Resp: 700011

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 427.414 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

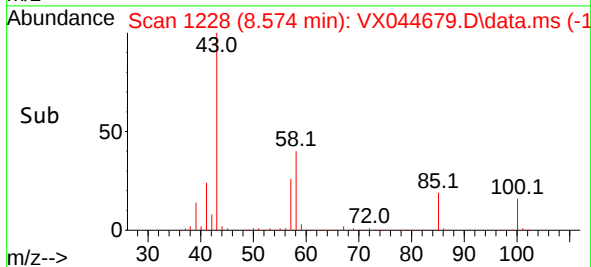
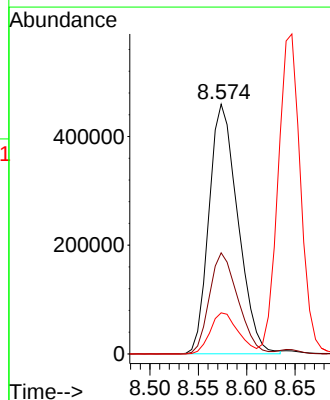
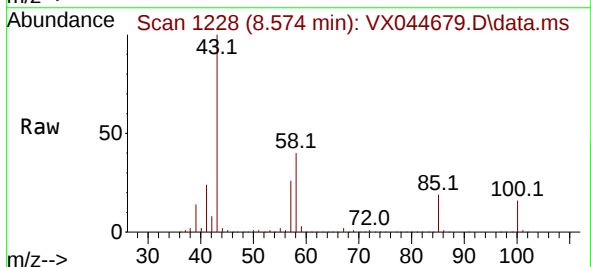
Tgt Ion: 43 Resp: 955632

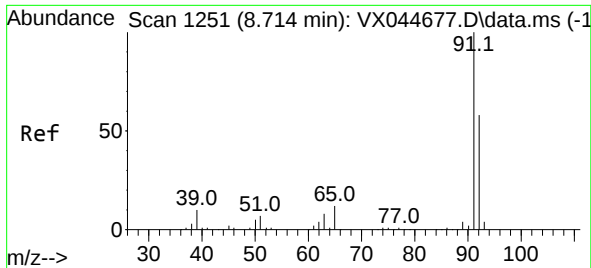
Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1

100 16.2 12.9 19.3





#42

Toluene

Concen: 208.445 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

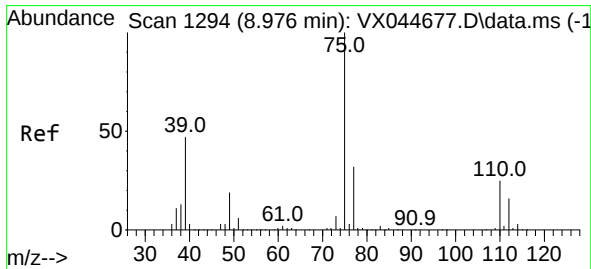
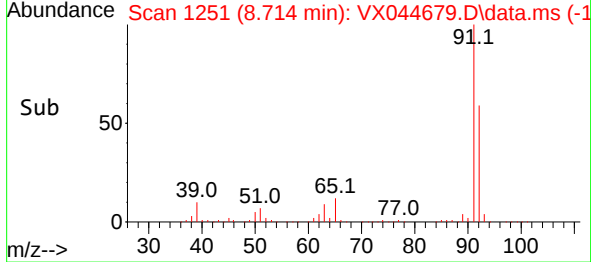
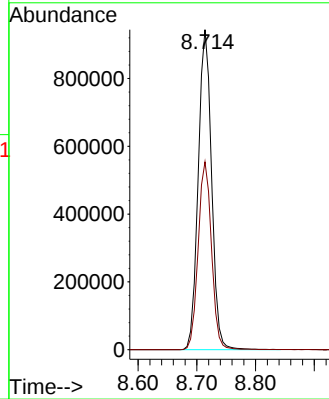
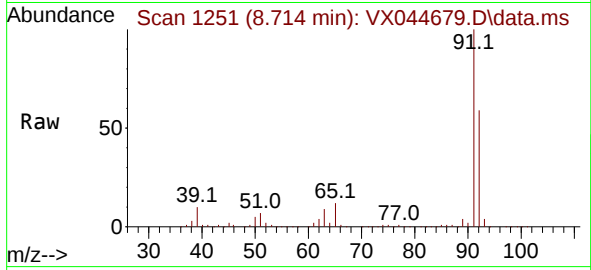
ClientSampleId :

Tgt Ion: 91 Resp: 1489650

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 218.402 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044679.D

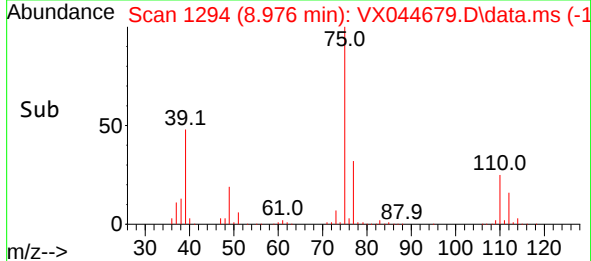
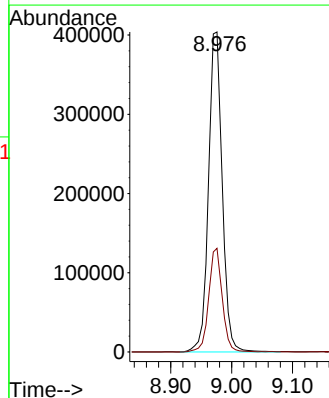
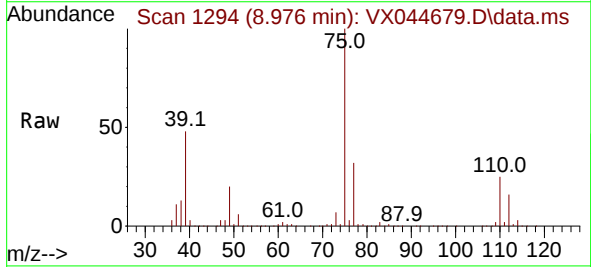
Acq: 21 Jan 2025 12:23

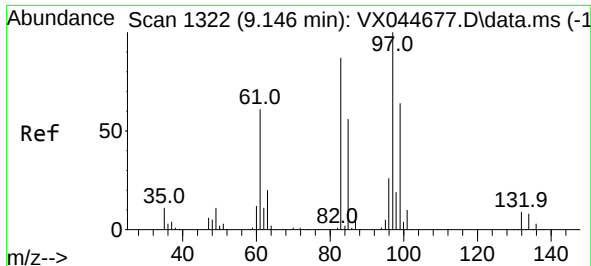
Tgt Ion: 75 Resp: 633484

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 204.234 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 370687

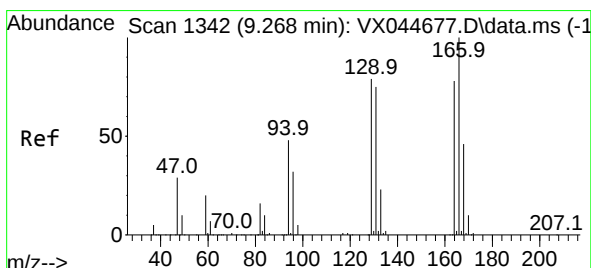
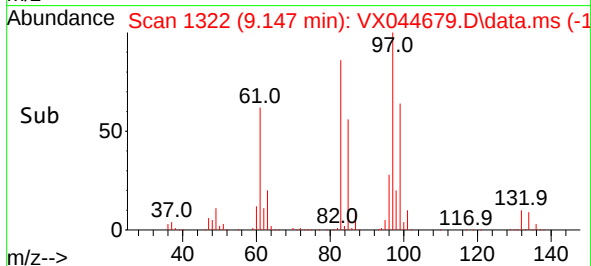
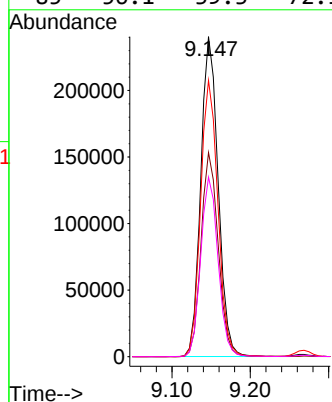
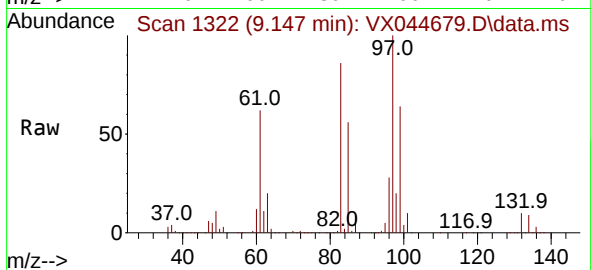
Ion Ratio Lower Upper

97 100

99 63.8 44.8 83.2

83 86.3 60.8 113.0

85 56.1 39.3 72.9



#46

Tetrachloroethene

Concen: 215.905 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Tgt Ion:164 Resp: 265582

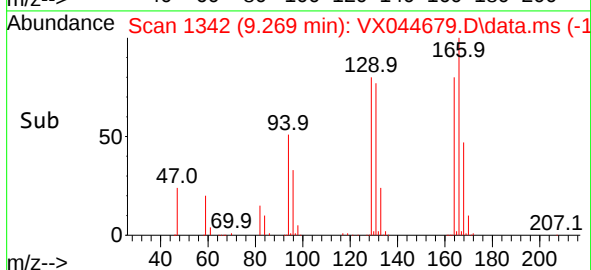
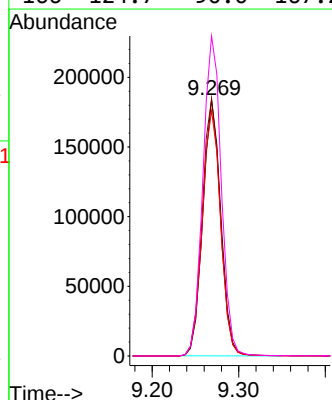
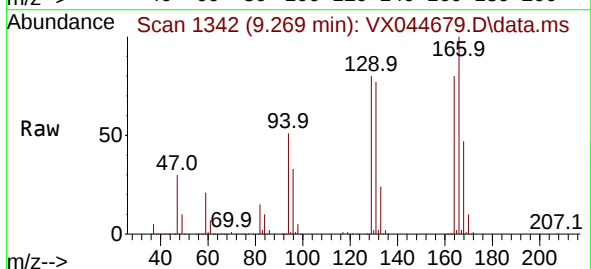
Ion Ratio Lower Upper

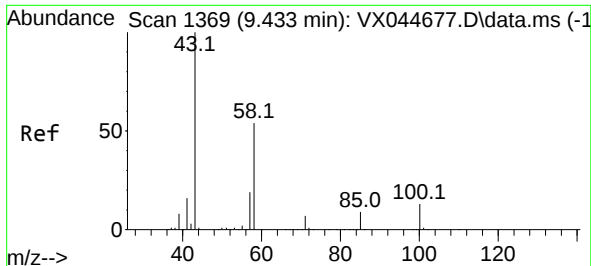
164 100

129 100.2 71.2 132.2

131 95.6 67.2 124.8

166 124.7 90.0 167.2



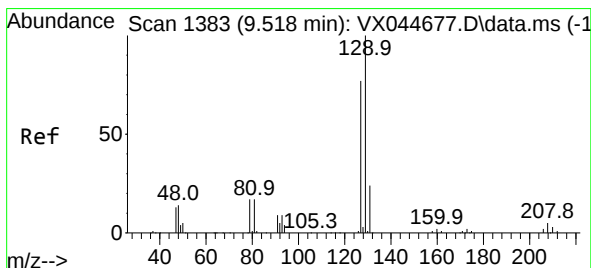
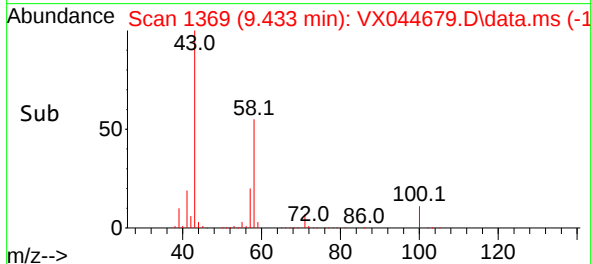
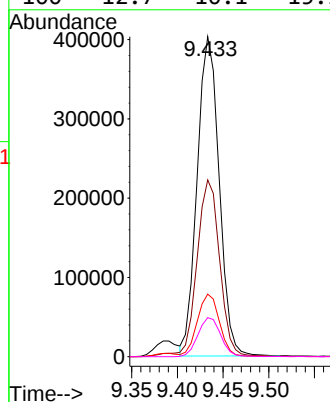
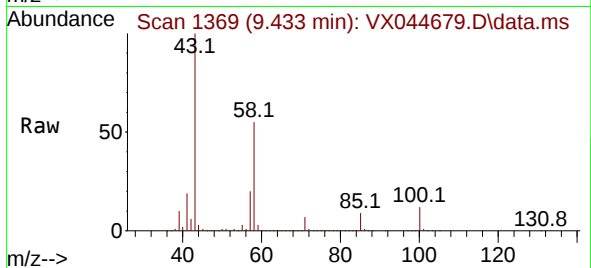


#48
2-Hexanone
Concen: 410.267 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 675111

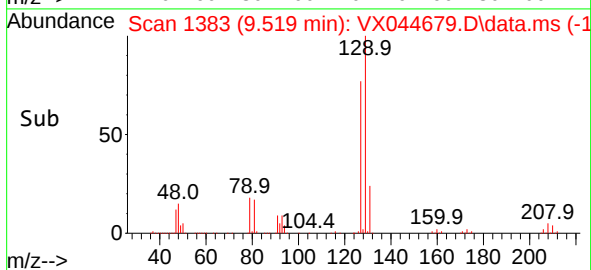
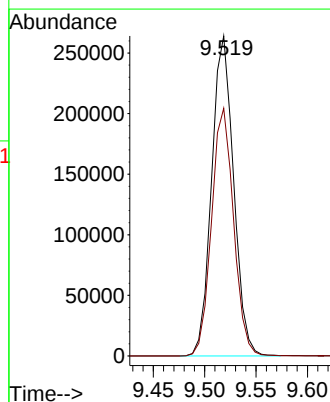
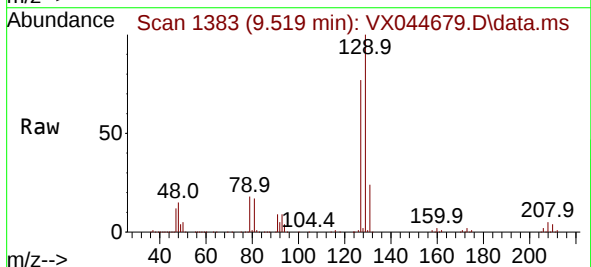
Ion	Ratio	Lower	Upper
43	100		
58	56.2	44.3	66.5
57	19.3	15.9	23.9
100	12.7	10.1	15.1

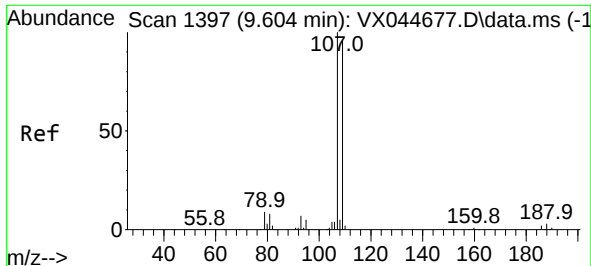


#49
Dibromochloromethane
Concen: 208.662 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion: 129 Resp: 392183

Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.6	99.6

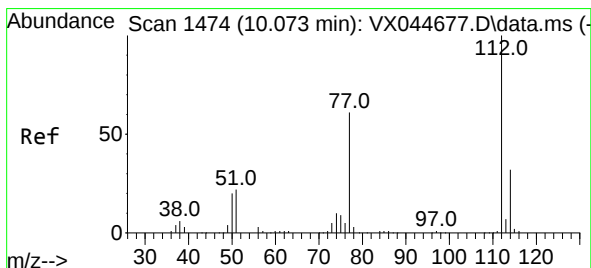
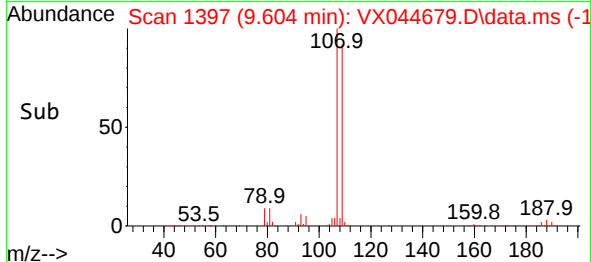
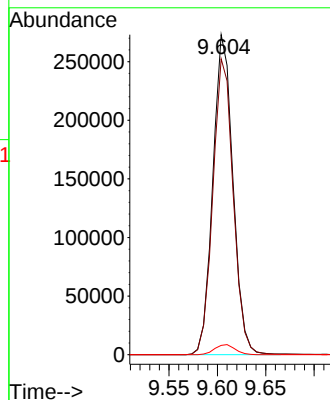
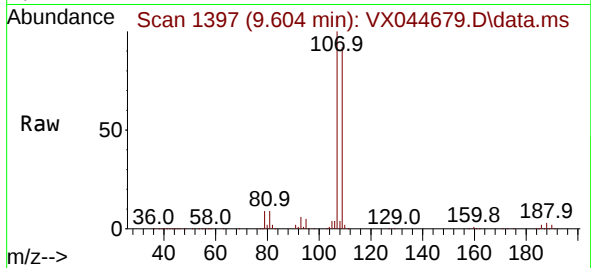




#50
1,2-Dibromoethane
Concen: 213.044 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

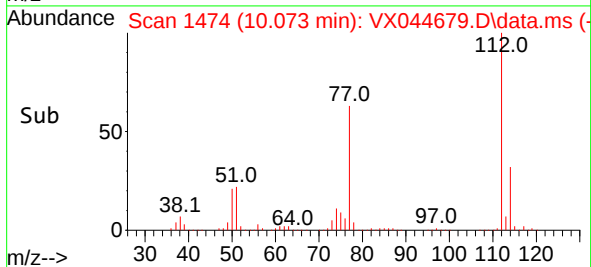
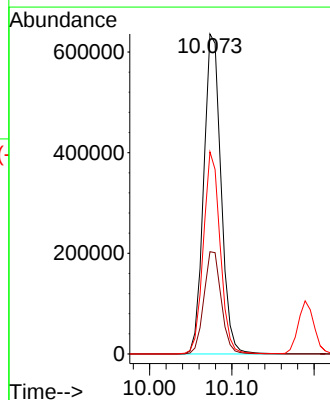
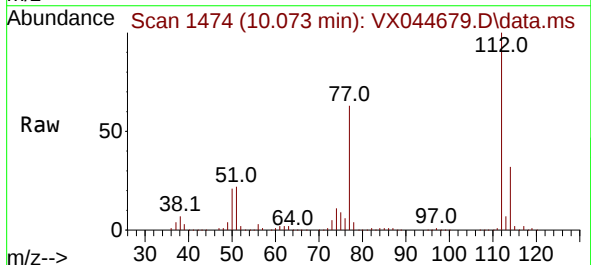
Instrument :
MSVOA_X
ClientSampleId :

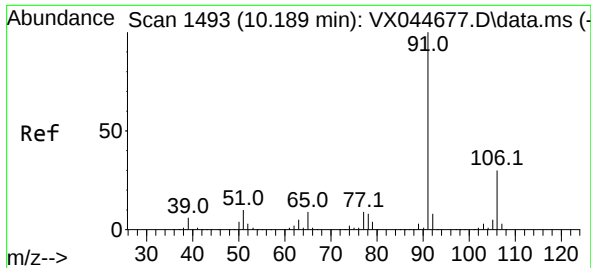
Tgt Ion:107 Resp: 394039
Ion Ratio Lower Upper
107 100
109 92.5 67.2 124.8
188 2.9 2.2 3.4



#51
Chlorobenzene
Concen: 210.494 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion:112 Resp: 928223
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 63.2 49.2 73.8

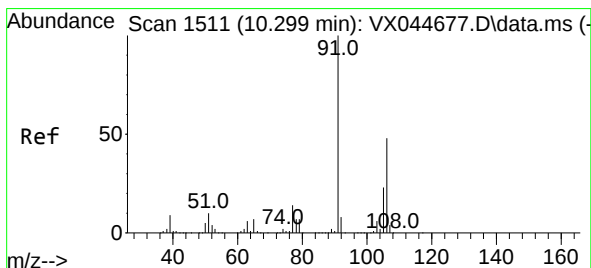
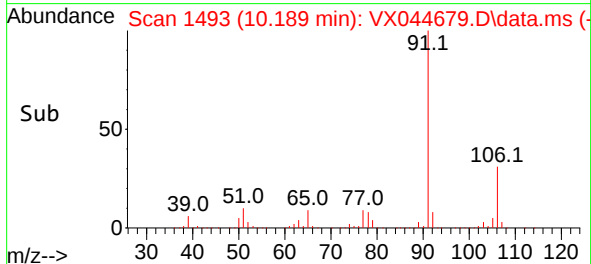
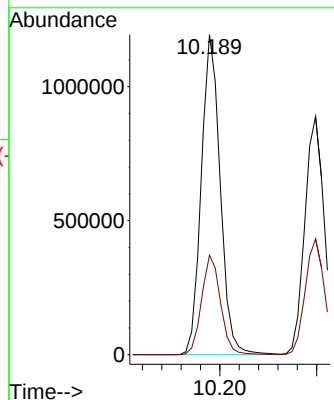
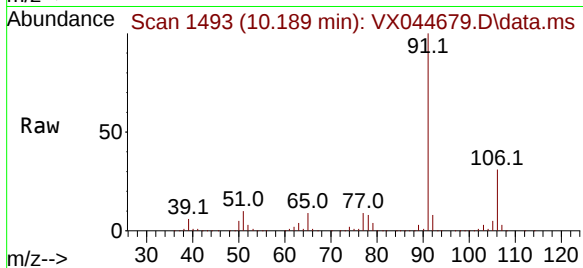




#52
Ethylbenzene
Concen: 210.765 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

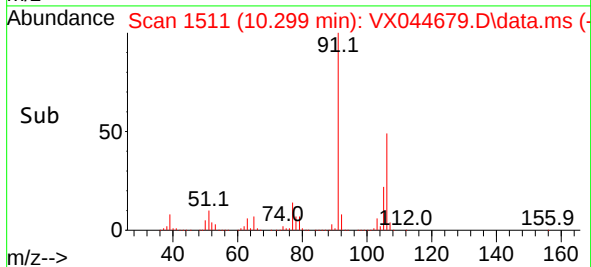
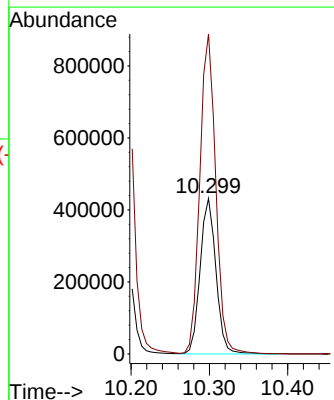
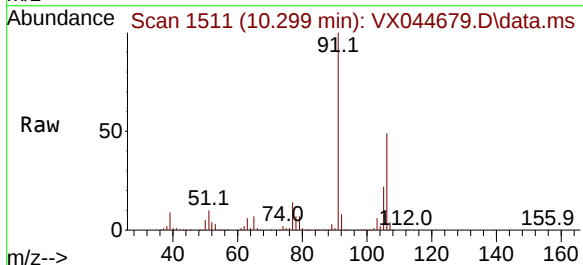
Instrument :
MSVOA_X
ClientSampleId :

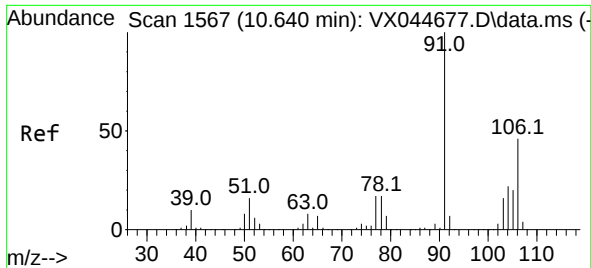
Tgt Ion: 91 Resp: 1624136
Ion Ratio Lower Upper
91 100
106 31.1 21.1 39.3



#53
m,p-Xylene
Concen: 210.193 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion: 106 Resp: 605858
Ion Ratio Lower Upper
106 100
91 205.7 145.2 269.6

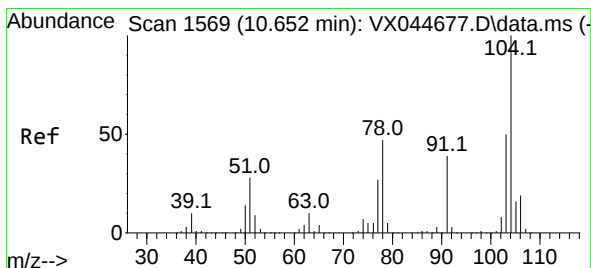
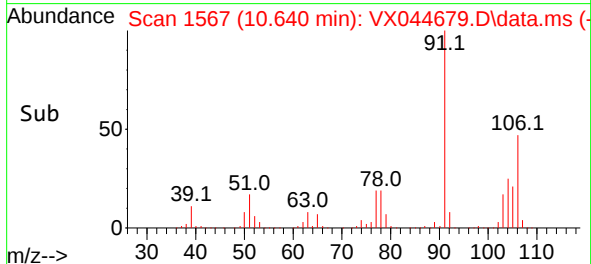
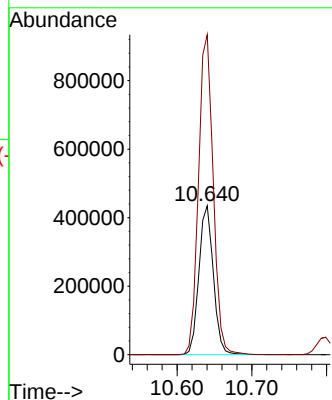
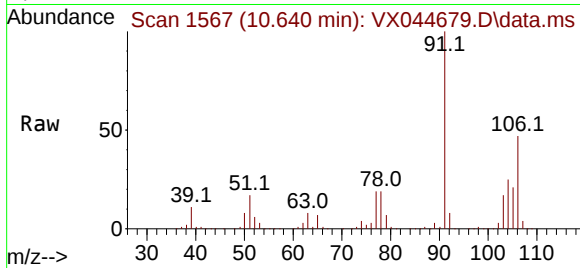




#54
o-Xylene
Concen: 203.702 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

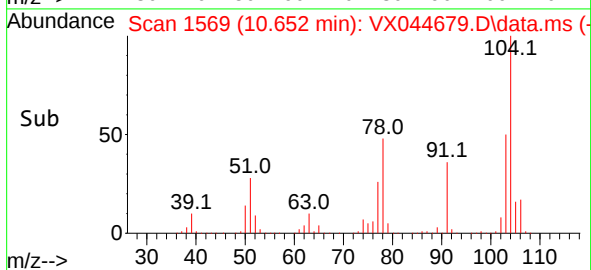
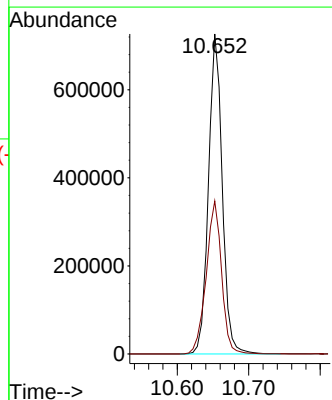
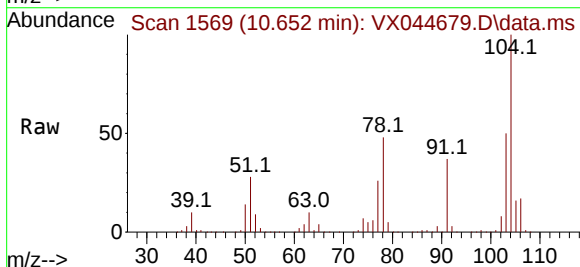
Instrument :
MSVOA_X
ClientSampleId :

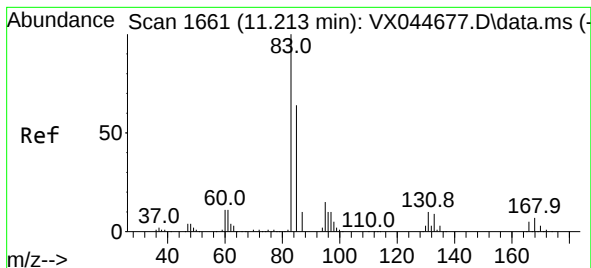
Tgt Ion:106 Resp: 582881
Ion Ratio Lower Upper
106 100
91 214.9 153.2 284.4



#55
Styrene
Concen: 210.171 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

Tgt Ion:104 Resp: 973872
Ion Ratio Lower Upper
104 100
78 47.8 32.7 60.7





#57

1,1,2,2-Tetrachloroethane

Concen: 200.700 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

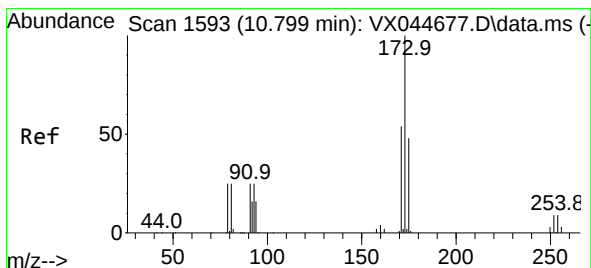
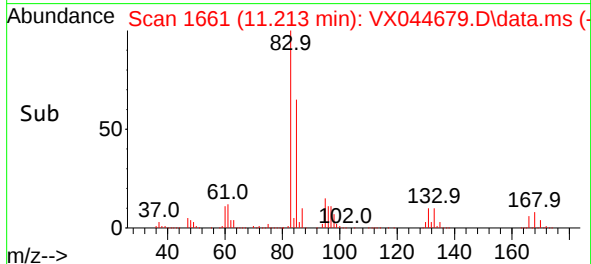
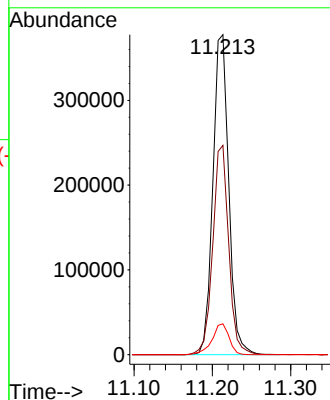
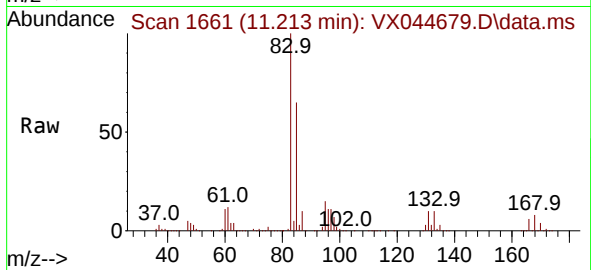
Tgt Ion: 83 Resp: 528955

Ion Ratio Lower Upper

83 100

85 65.4 44.9 83.5

131 9.7 8.0 12.0



#59

Bromoform

Concen: 198.703 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

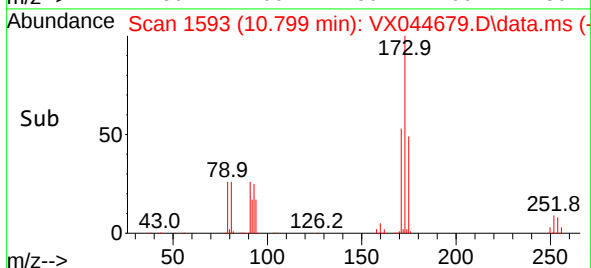
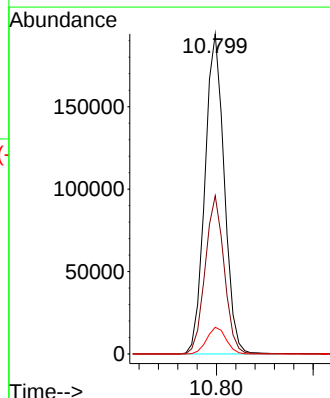
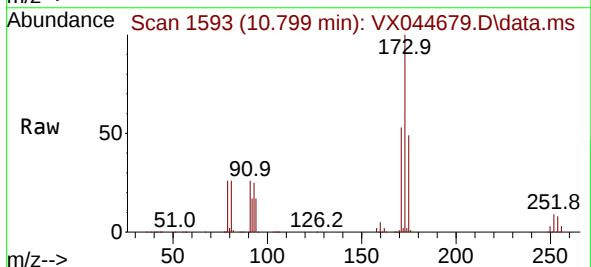
Tgt Ion:173 Resp: 269739

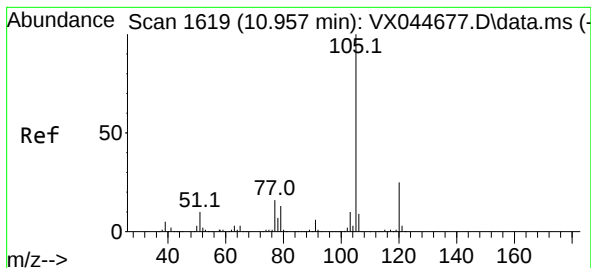
Ion Ratio Lower Upper

173 100

175 48.7 38.6 58.0

254 8.4 6.6 10.0





#60

Isopropylbenzene

Concen: 198.604 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

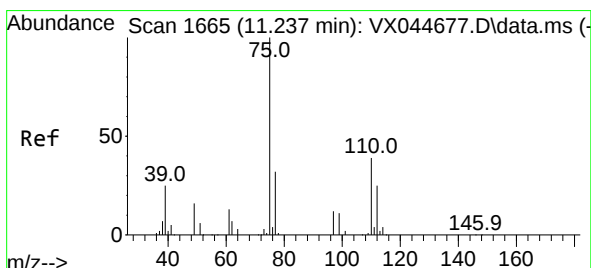
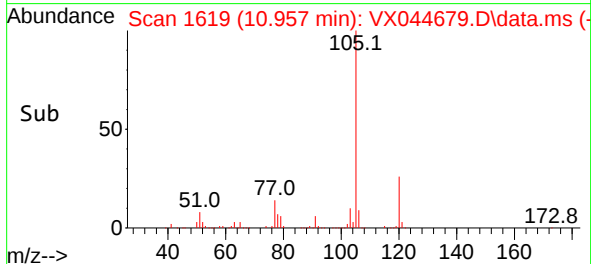
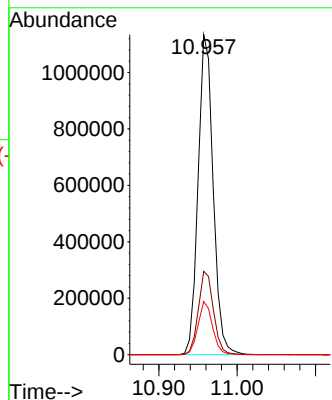
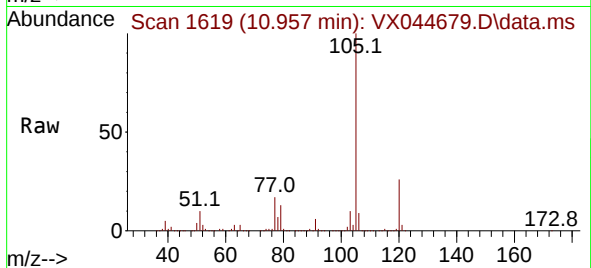
Tgt Ion:105 Resp: 1515181

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

77 16.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 190.576 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

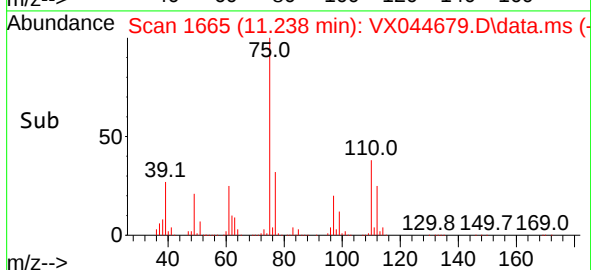
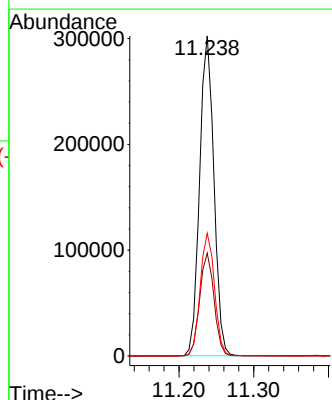
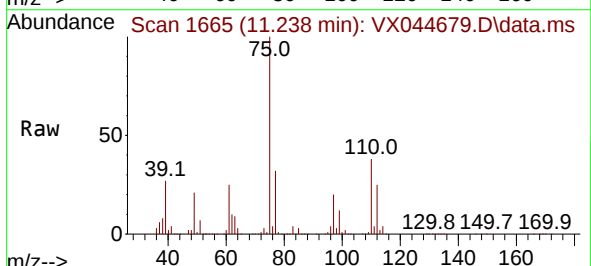
Tgt Ion: 75 Resp: 401475

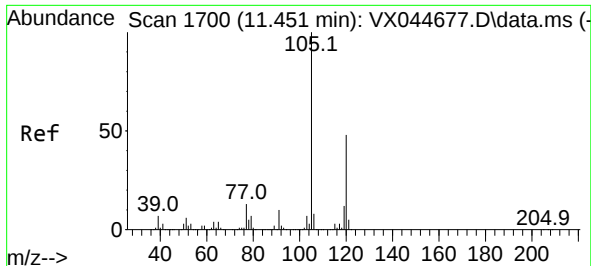
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

110 38.5 30.8 46.2

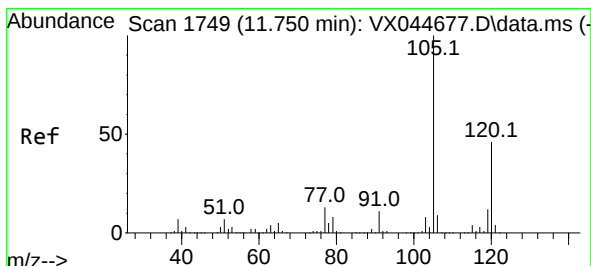
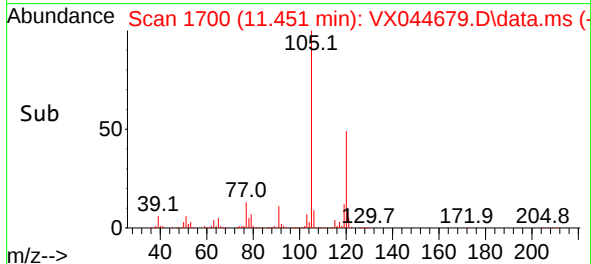
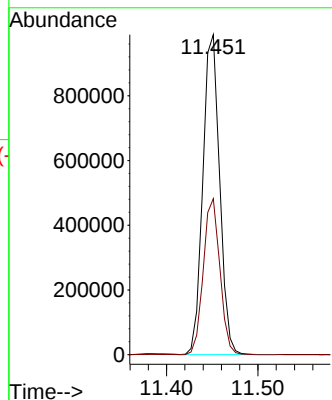
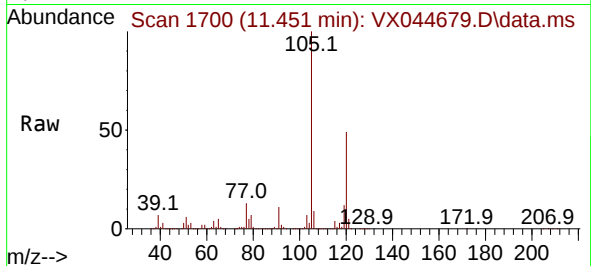




#62
 1,3,5-Trimethylbenzene
 Concen: 198.923 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX044679.D
 Acq: 21 Jan 2025 12:23

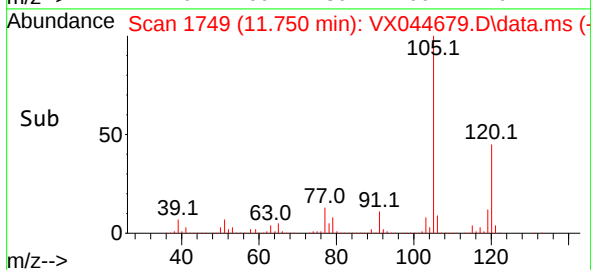
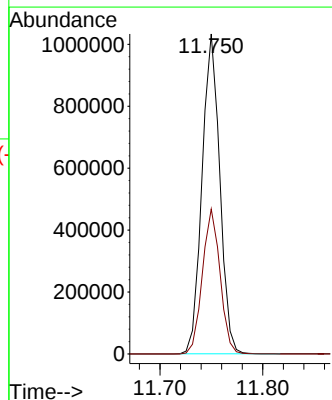
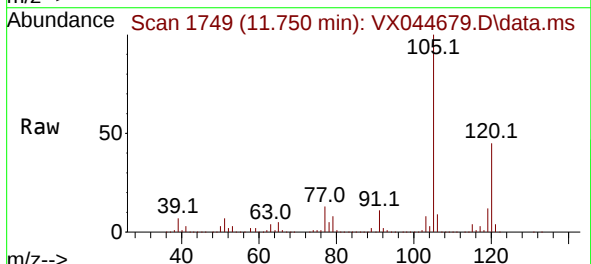
Instrument :
 MSVOA_X
 ClientSampleId :

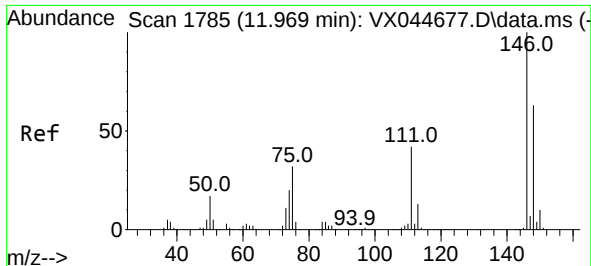
Tgt Ion:105 Resp: 1259975
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 201.198 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX044679.D
 Acq: 21 Jan 2025 12:23

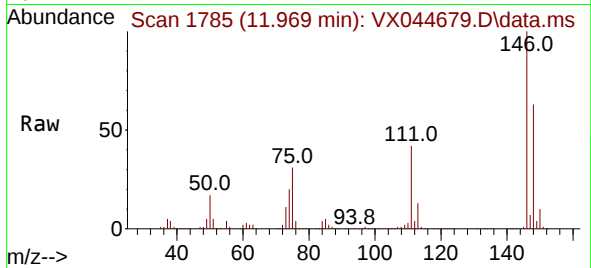
Tgt Ion:105 Resp: 1239625
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.7 53.5



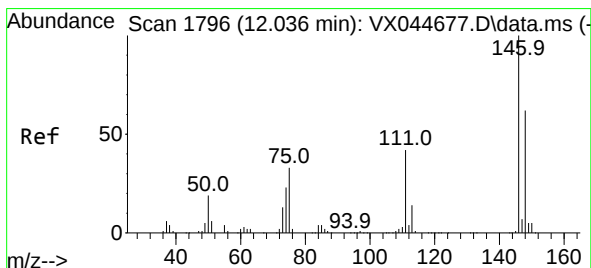
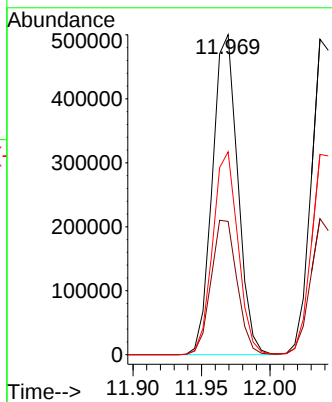
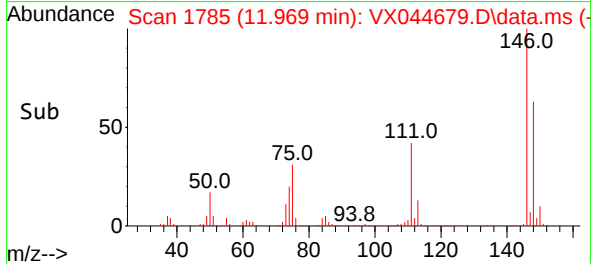


#64
1,3-Dichlorobenzene
Concen: 210.537 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23

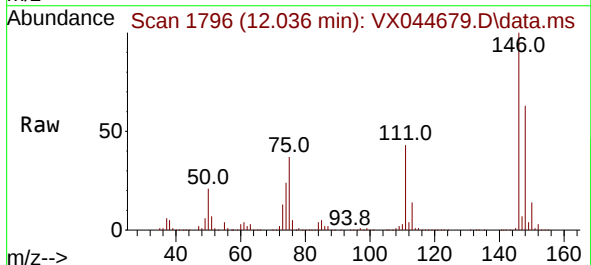
Instrument :
MSVOA_X
ClientSampleId :



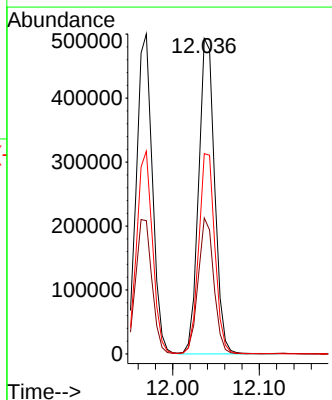
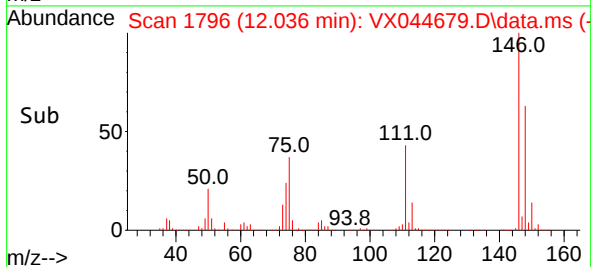
Tgt Ion:146 Resp: 644816
Ion Ratio Lower Upper
146 100
111 41.6 29.5 54.9
148 63.4 44.4 82.5

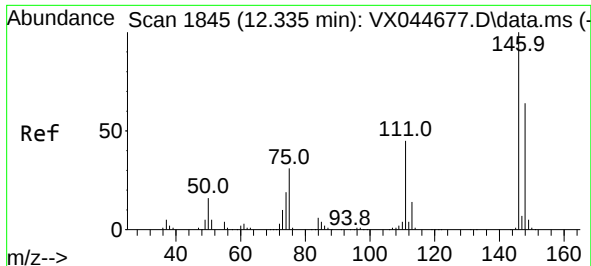


#65
1,4-Dichlorobenzene
Concen: 206.594 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044679.D
Acq: 21 Jan 2025 12:23



Tgt Ion:146 Resp: 634789
Ion Ratio Lower Upper
146 100
111 43.1 29.7 55.1
148 63.5 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 202.114 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

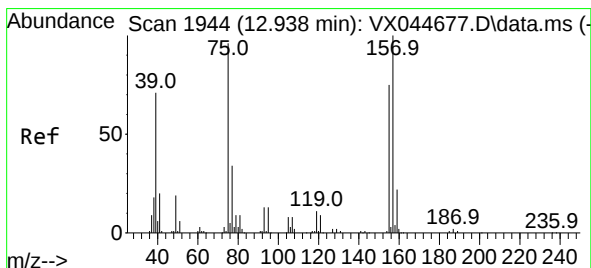
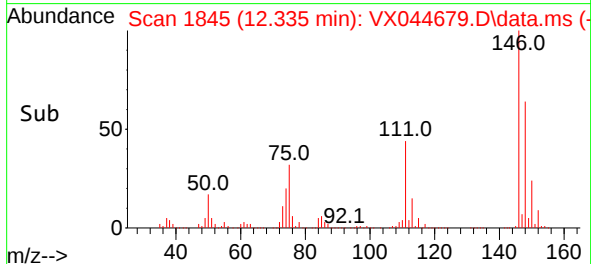
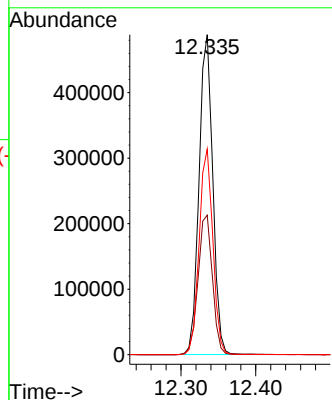
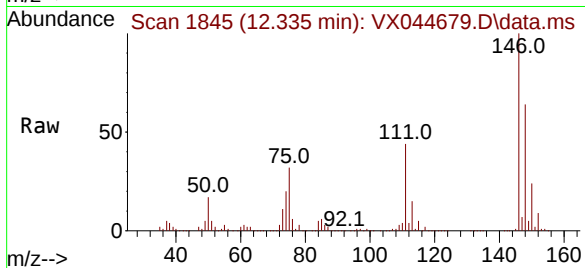
Tgt Ion:146 Resp: 620833

Ion Ratio Lower Upper

146 100

111 43.6 36.1 54.1

148 64.2 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 203.289 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

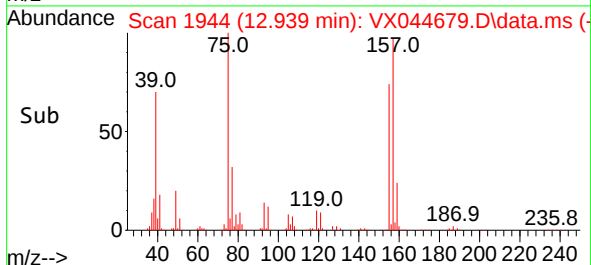
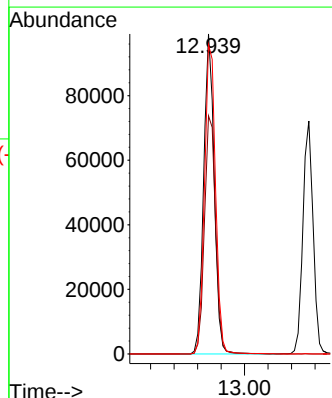
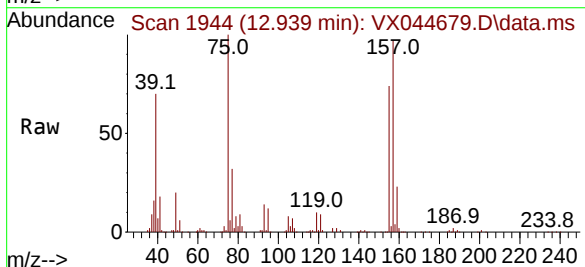
Tgt Ion: 75 Resp: 123126

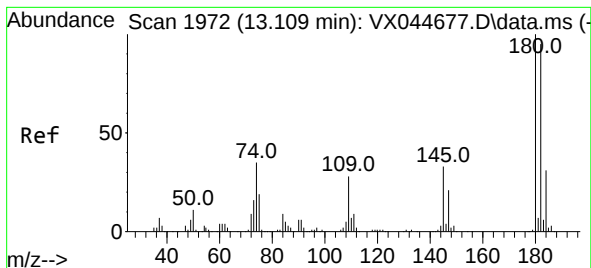
Ion Ratio Lower Upper

75 100

155 74.4 62.5 93.7

157 96.7 83.5 125.3





#69

1,3,5-Trichlorobenzene

Concen: 215.194 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

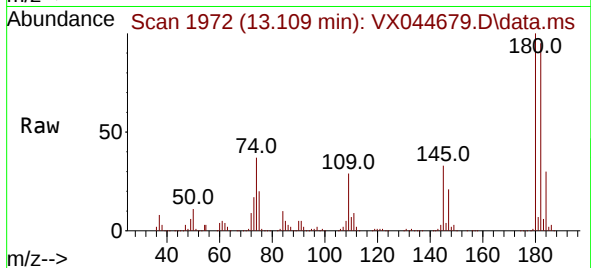
Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 429342

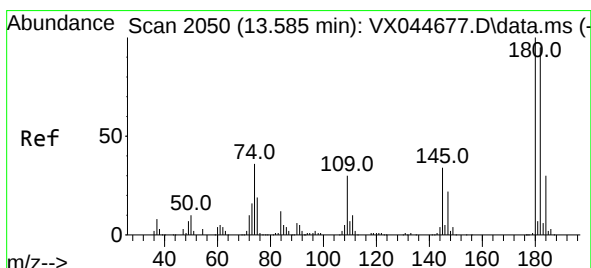
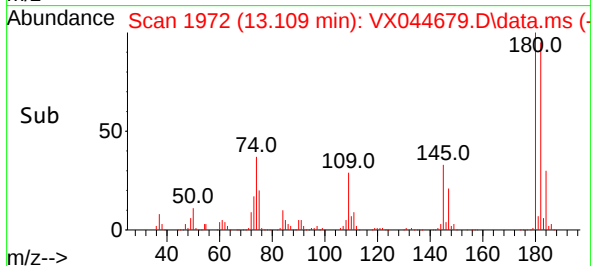
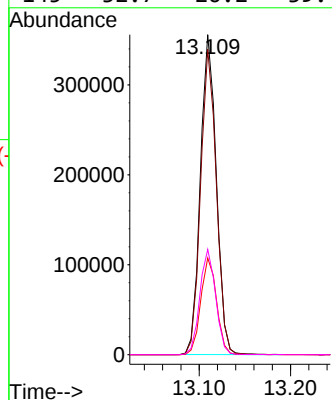
Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.6

184 30.1 24.0 36.0

145 32.7 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 225.085 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

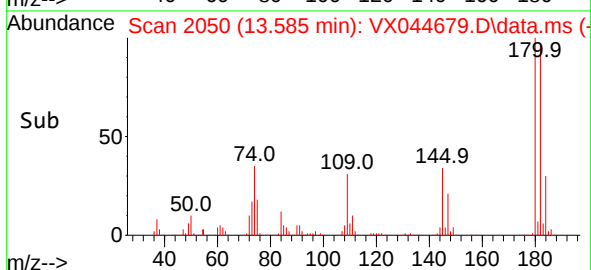
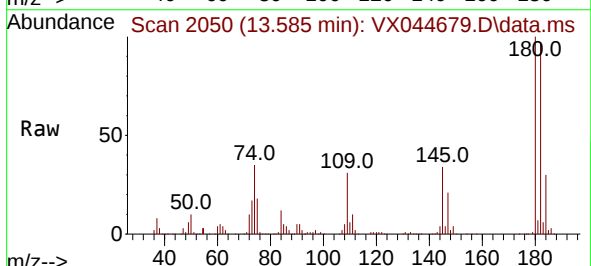
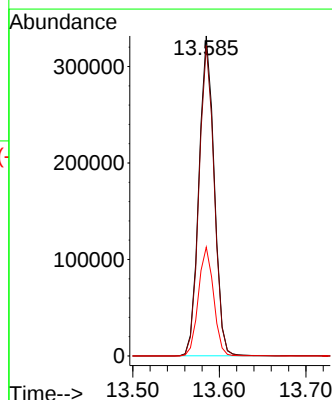
Tgt Ion:180 Resp: 404425

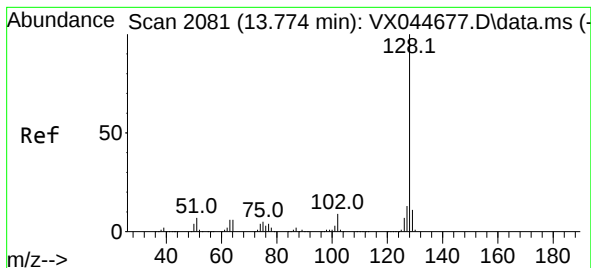
Ion Ratio Lower Upper

180 100

182 96.5 76.5 114.7

145 33.9 27.0 40.4





#71

Naphthalene

Concen: 213.806 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Instrument :

MSVOA_X

ClientSampleId :

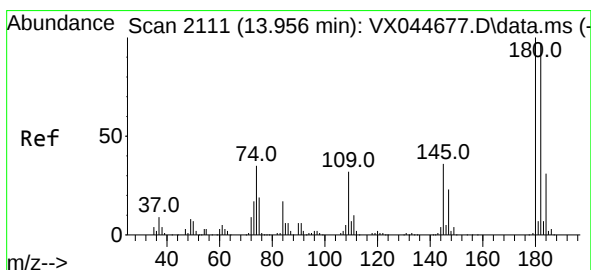
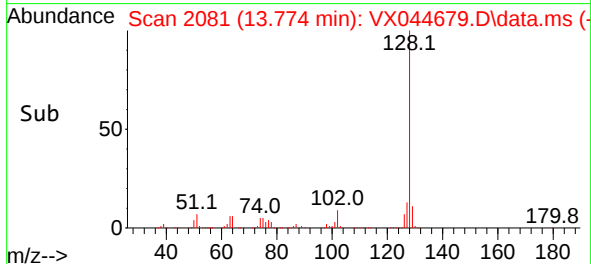
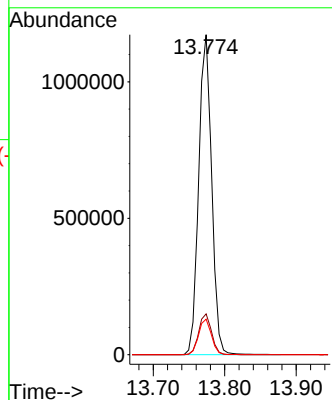
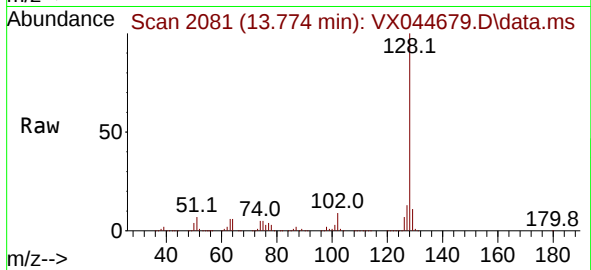
Tgt Ion:128 Resp: 1471710

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 217.744 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044679.D

Acq: 21 Jan 2025 12:23

Tgt Ion:180 Resp: 401762

Ion Ratio Lower Upper

180 100

182 95.3 77.1 115.7

145 35.6 28.3 42.5

