

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029477.D
 Acq On : 08 Jul 2024 13:00
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 09 01:59:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 01:56:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	269869	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	255823	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119279	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	411186	106.708	ug/L	0.00
7) Chloroethane-d5	2.887	69	306268	96.726	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.021	65	199942	108.183	ug/L	0.00
21) 2-Butanone-d5	7.075	46	304765	262.081	ug/L	0.00
24) Chloroform-d	7.648	84	841228	103.776	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	501514	107.225	ug/L	0.00
32) Benzene-d6	8.270	84	1640338	104.641	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	536367	107.063	ug/L	0.00
41) Toluene-d8	10.319	98	1502812	108.915	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	247569	120.986	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	222846	276.485	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	435841	108.290	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	466590	111.806	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	224693	86.783	ug/L	94
3) Chloromethane	2.229	50	366829	97.079	ug/L	96
5) Vinyl chloride	2.375	62	382471	88.782	ug/L	95
6) Bromomethane	2.777	94	234471	90.046	ug/L	92
8) Chloroethane	2.924	64	245472	92.614	ug/L	97
9) Trichlorofluoromethane	3.265	101	396914	115.500	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	359095	96.965	ug/L	93
12) 1,1-Dichloroethene	4.045	96	343325	107.420	ug/L	90
13) Acetone	4.125	43	255069	241.344	ug/L	99
14) Carbon disulfide	4.393	76	1129949	106.890	ug/L	100
15) Methyl Acetate	4.667	43	261903	131.839	ug/L	99
16) Methylene chloride	4.923	84	392041	81.248	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	399737	111.688	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	730594	126.682	ug/L	99
19) 1,1-Dichloroethane	6.216	63	822009	107.720	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	449259	113.991	ug/L	98
22) 2-Butanone	7.167	43	378731	269.929	ug/L	99
23) Bromochloromethane	7.514	128	199966	114.237	ug/L	93
25) Chloroform	7.673	83	791429	106.689	ug/L	98
27) 1,2-Dichloroethane	8.398	62	586482	106.083	ug/L	99
29) Cyclohexane	7.959	56	723460	119.381	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	609377	104.584	ug/L	99
31) Carbon tetrachloride	8.069	117	567207	106.548	ug/L	99
33) Benzene	8.325	78	1693599	107.823	ug/L	100
34) Trichloroethene	9.087	95	451699	107.337	ug/L	92
35) Methylcyclohexane	9.337	83	751484	113.531	ug/L	98
37) 1,2-Dichloropropane	9.368	63	470636	106.644	ug/L	100
38) Bromodichloromethane	9.642	83	584322	108.494	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	782636	123.726	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	753647	267.300	ug/L	99
42) Toluene	10.386	91	1766847	109.468	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	672140	125.302	ug/L	97

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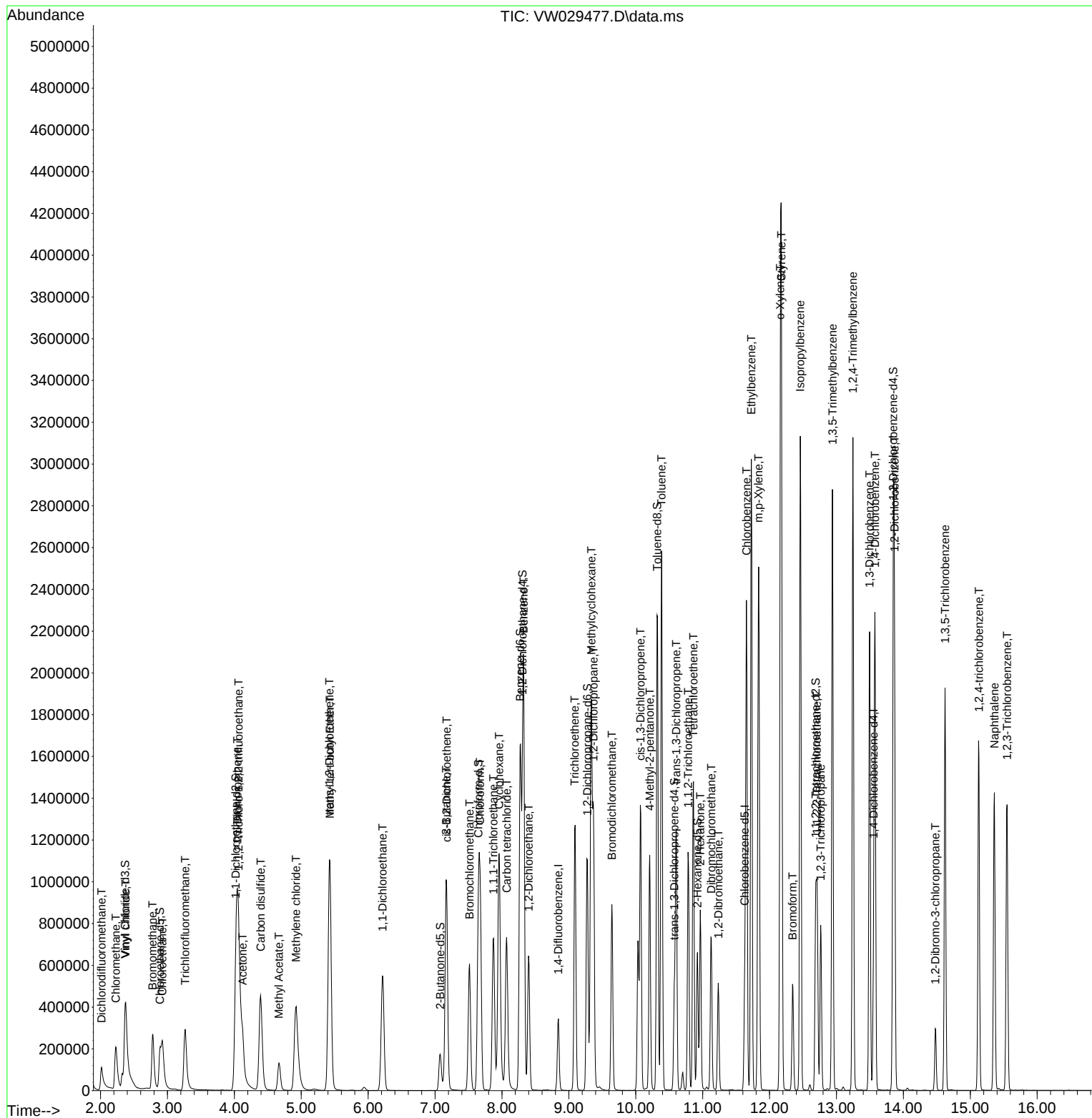
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	346599	111.565	ug/L	98
46) Tetrachloroethene	10.861	164	302120	101.826	ug/L	81
48) 2-Hexanone	10.965	43	547134	269.580	ug/L	98
49) Dibromochloromethane	11.130	129	374442	115.962	ug/L	94
50) 1,2-Dibromoethane	11.233	107	334477	119.303	ug/L	92
51) Chlorobenzene	11.654	112	1146864	109.978	ug/L	99
52) Ethylbenzene	11.727	91	2048461	111.389	ug/L	99
53) m,p-Xylene	11.837	106	754422	112.363	ug/L	99
54) o-Xylene	12.160	106	721101	114.800	ug/L	99
55) Styrene	12.178	104	1258737	115.340	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	431724	112.435	ug/L #	99
59) Bromoform	12.343	173	219547	129.225	ug/L	99
60) Isopropylbenzene	12.459	105	1973342	122.082	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	326027	120.910	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1474535	125.276	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1581288	125.150	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	832703	117.847	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	822269	110.346	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	753857	116.810	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	80240	126.736	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	510856	108.709	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	482071	125.106	ug/L	96
71) Naphthalene	15.360	128	1161306	150.131	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	431247	121.545	ug/L	96

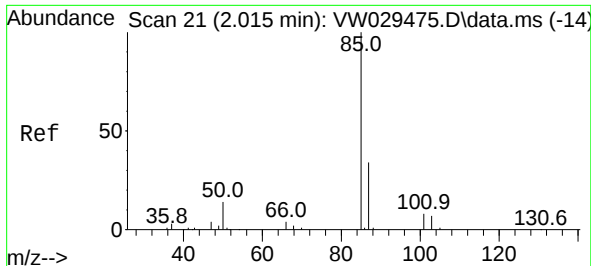
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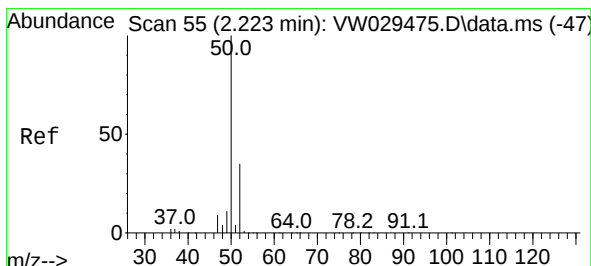
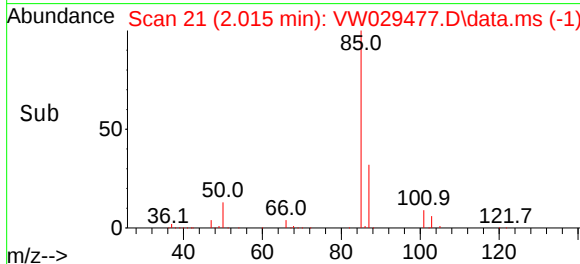
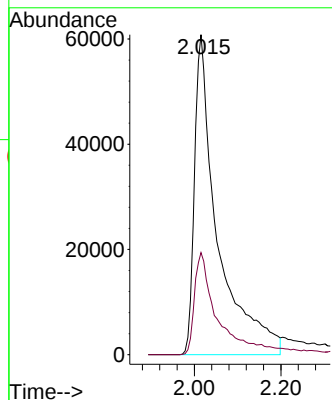
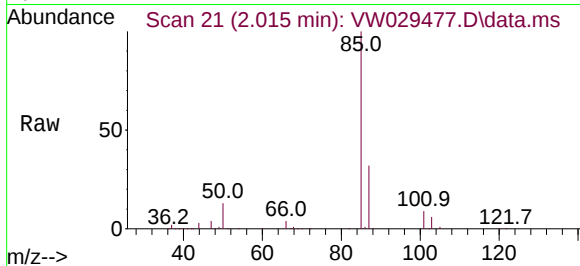




#2
 Dichlorodifluoromethane
 Concen: 86.783 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029477.D
 Acq: 08 Jul 2024 13:00

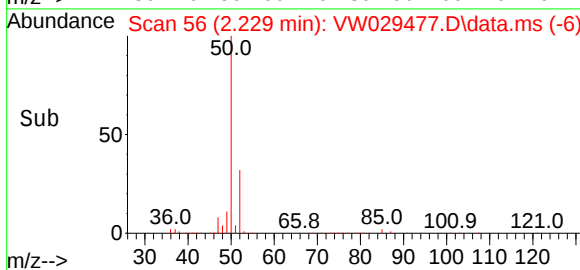
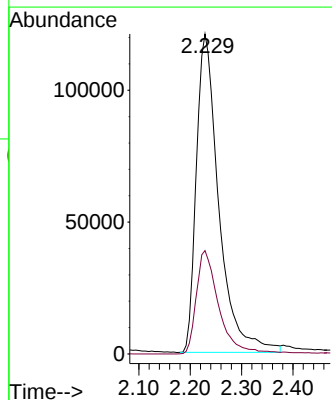
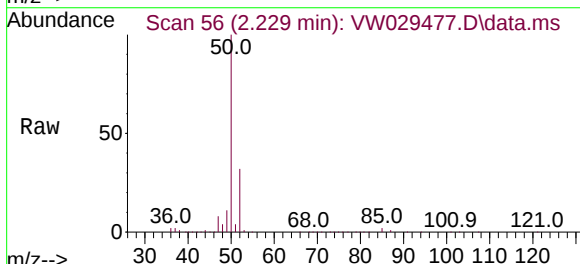
Instrument :
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 ClientSampleId :

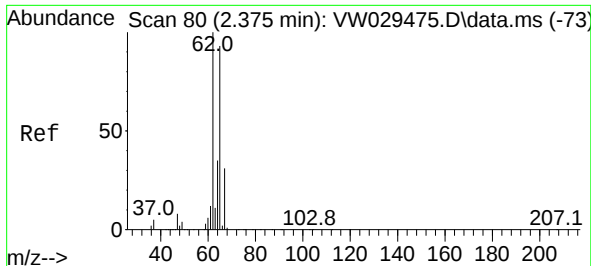
Tgt Ion: 85 Resp: 224693
 Ion Ratio Lower Upper
 85 100
 87 29.2 26.1 39.1



#3
 Chloromethane
 Concen: 97.079 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW029477.D
 Acq: 08 Jul 2024 13:00

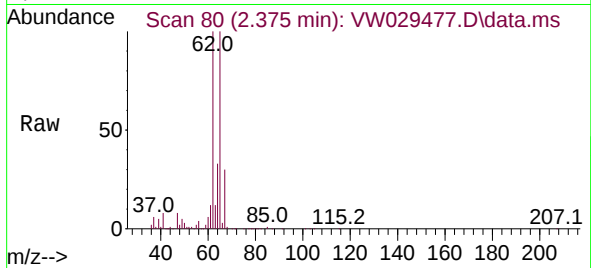
Tgt Ion: 50 Resp: 366829
 Ion Ratio Lower Upper
 50 100
 52 32.3 24.4 45.2



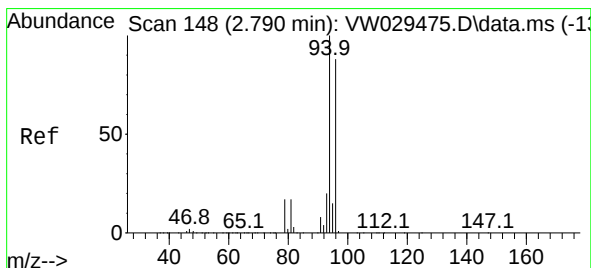
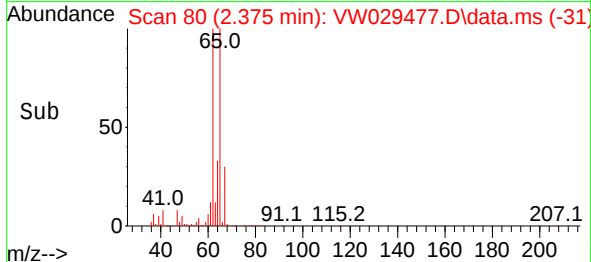
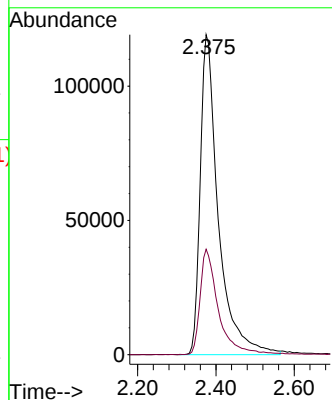


#5
 Vinyl chloride
 Concen: 88.782 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029477.D
 Acq: 08 Jul 2024 13:00

Instrument :
 MSVOA_W
 ClientSampleId :

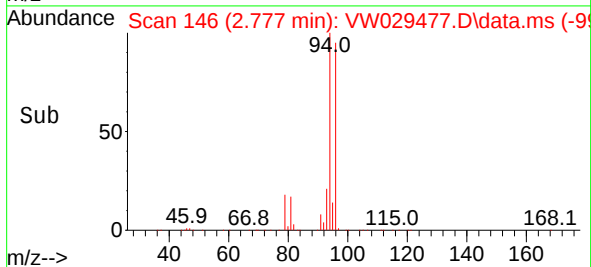
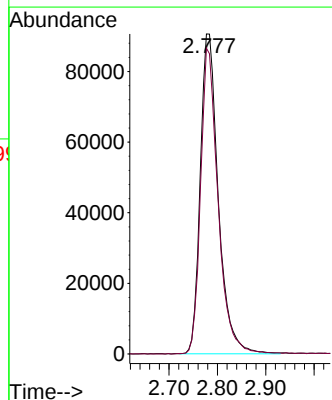
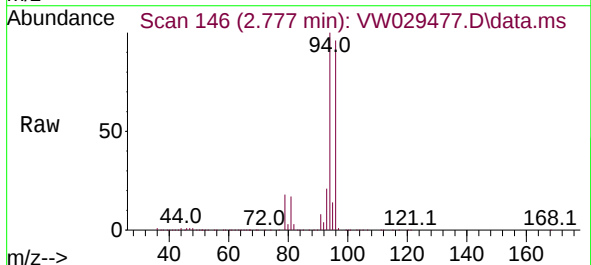


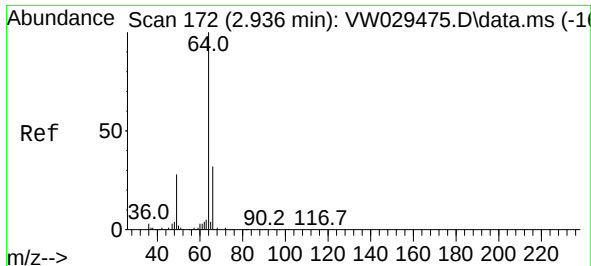
Tgt Ion: 62 Resp: 382471
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.1 46.5



#6
 Bromomethane
 Concen: 90.046 ug/L
 RT: 2.777 min Scan# 146
 Delta R.T. -0.012 min
 Lab File: VW029477.D
 Acq: 08 Jul 2024 13:00

Tgt Ion: 94 Resp: 234471
 Ion Ratio Lower Upper
 94 100
 96 95.6 61.7 114.7

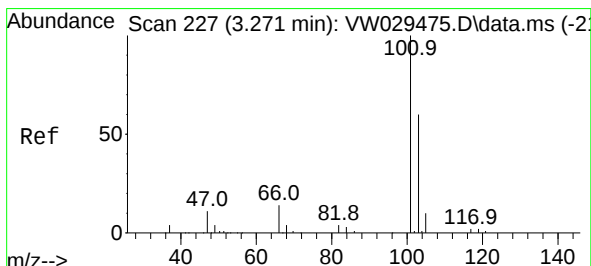
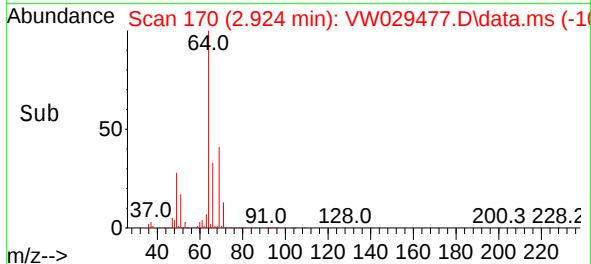
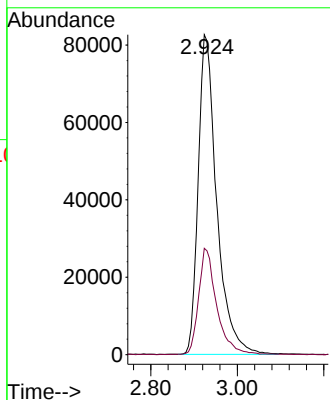
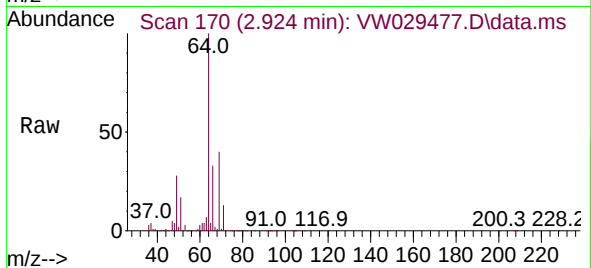




#8
Chloroethane
Concen: 92.614 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

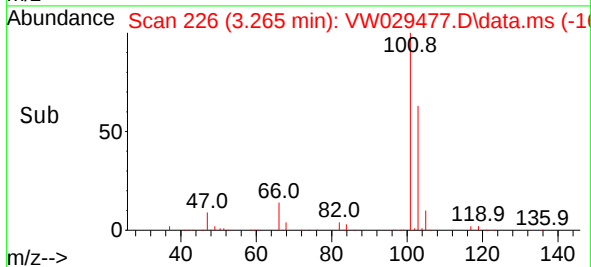
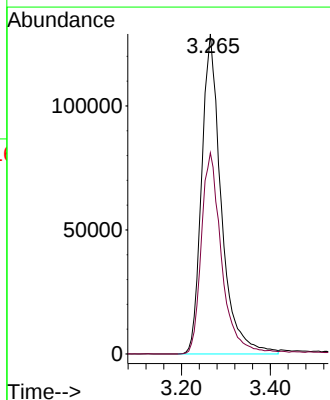
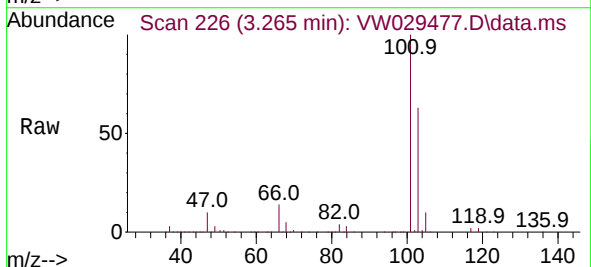
Instrument :
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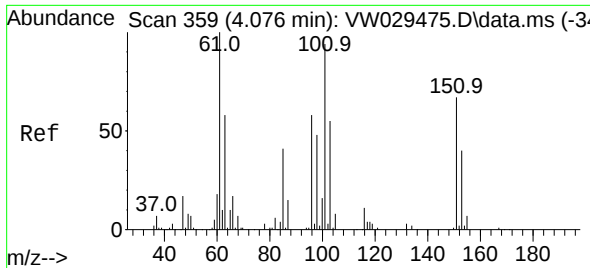
Tgt Ion: 64 Resp: 245472
Ion Ratio Lower Upper
64 100
66 33.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 115.500 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion:101 Resp: 396914
Ion Ratio Lower Upper
101 100
103 64.4 49.6 74.4

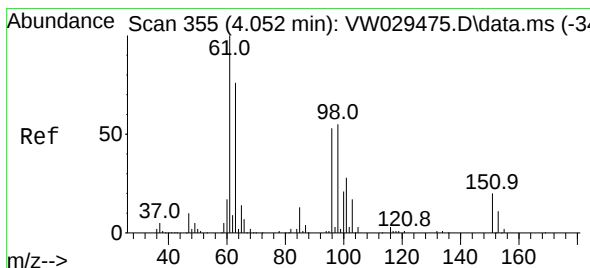
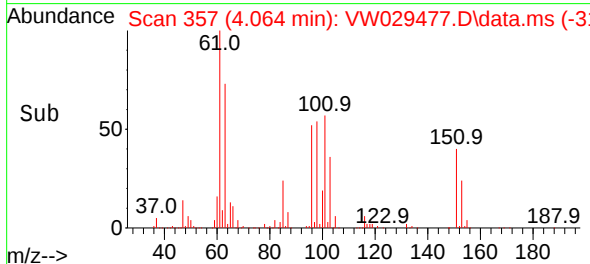
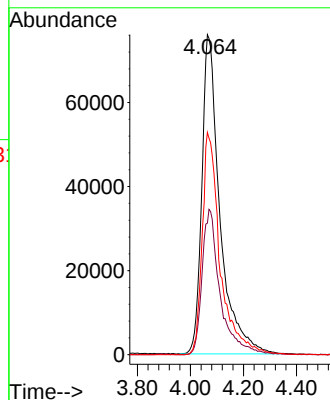
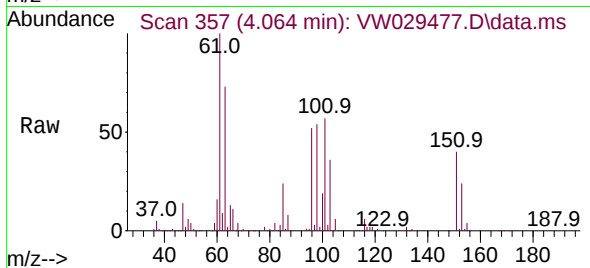




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 96.965 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.012 min
 Lab File: VW029477.D
 Acq: 08 Jul 2024 13:00

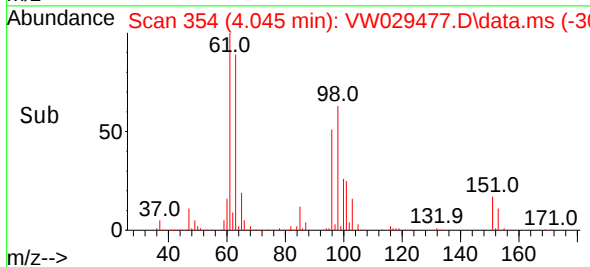
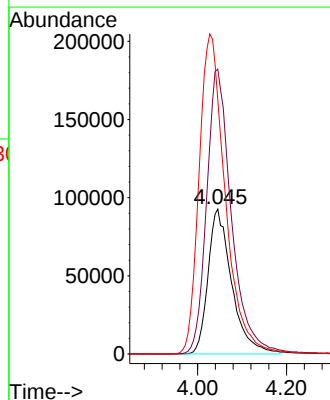
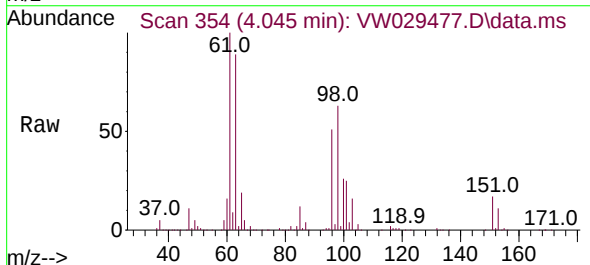
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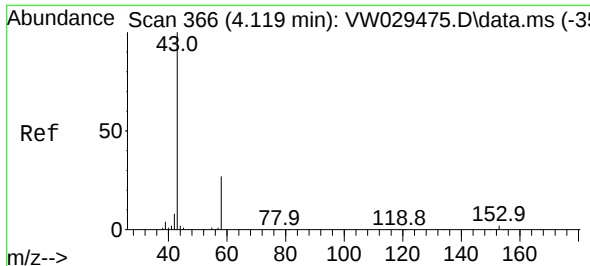
Tgt Ion:101 Resp: 359095
 Ion Ratio Lower Upper
 101 100
 85 45.0 33.8 50.8
 151 61.6 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 107.420 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW029477.D
 Acq: 08 Jul 2024 13:00

Tgt Ion: 96 Resp: 343325
 Ion Ratio Lower Upper
 96 100
 61 196.5 132.4 245.8
 63 175.3 108.4 201.2

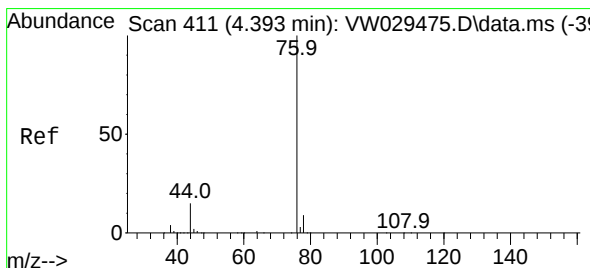
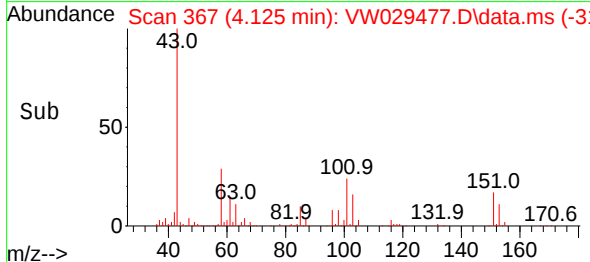
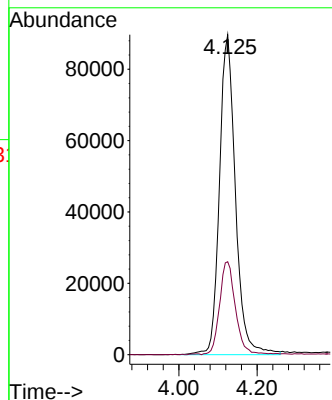
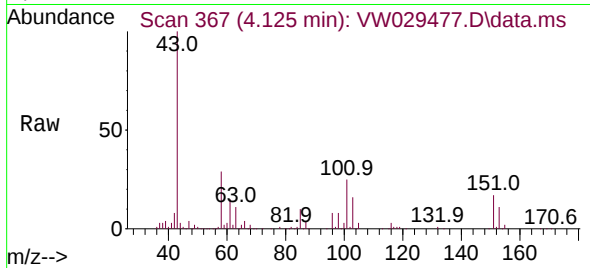




#13
Acetone
Concen: 241.344 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

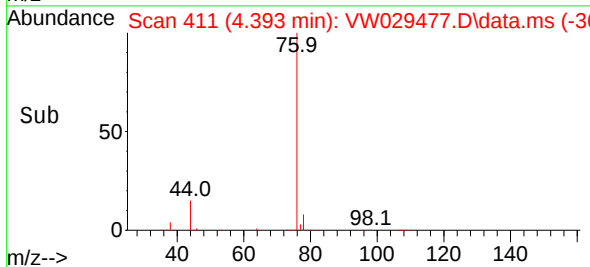
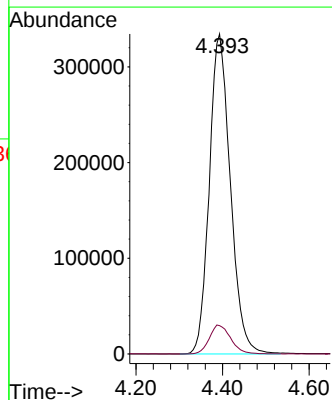
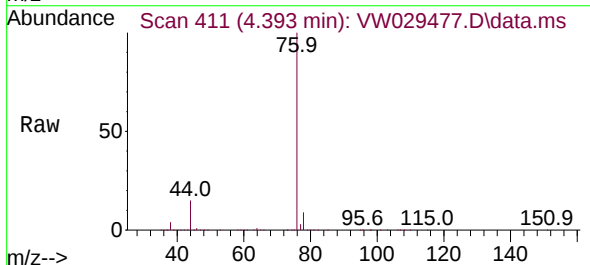
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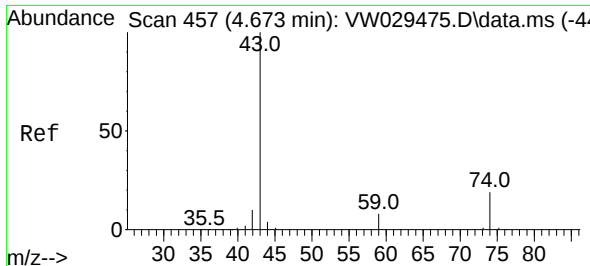
Tgt Ion: 43 Resp: 255069
Ion Ratio Lower Upper
43 100
58 28.4 0.0 55.6



#14
Carbon disulfide
Concen: 106.890 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion: 76 Resp: 1129949
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

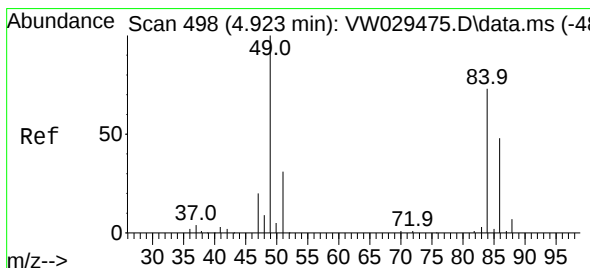
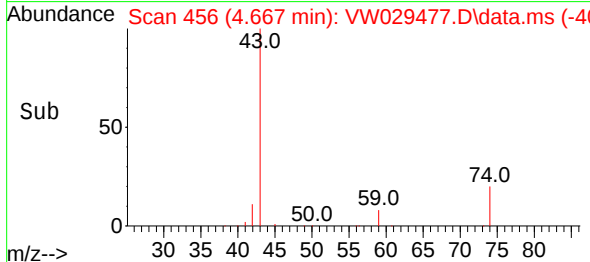
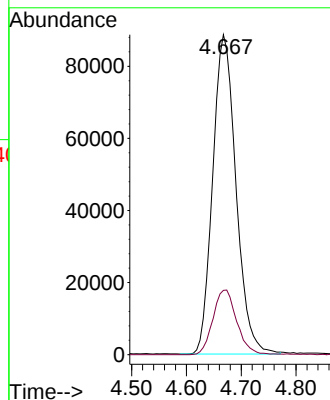
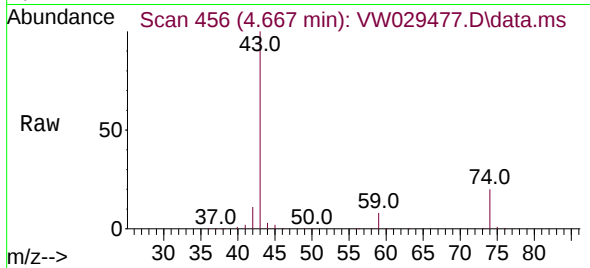




#15
Methyl Acetate
Concen: 131.839 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

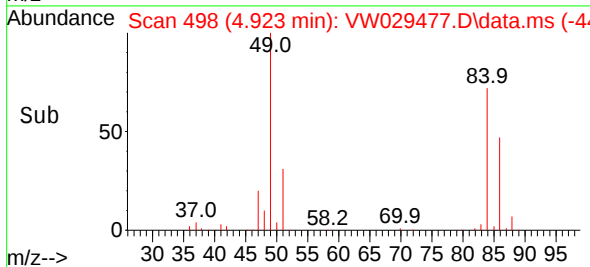
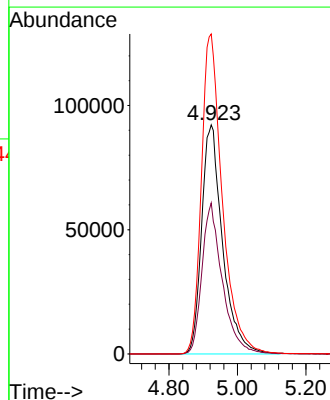
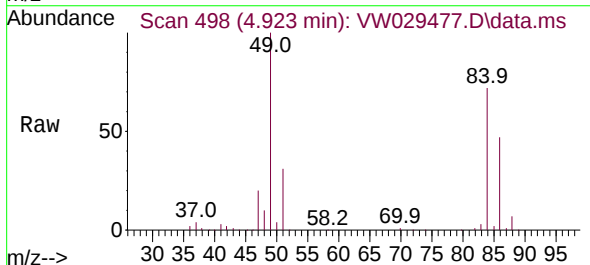
Instrument :
MSVOA_W
ClientSampleId :

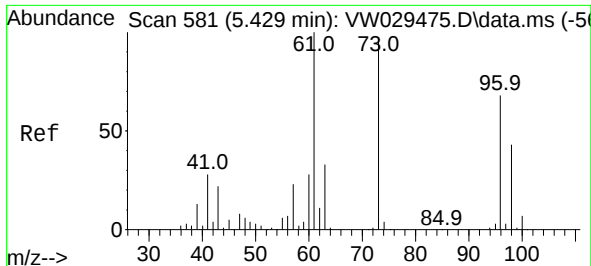
Tgt Ion: 43 Resp: 261903
Ion Ratio Lower Upper
43 100
74 20.6 16.2 24.4



#16
Methylene chloride
Concen: 81.248 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion: 84 Resp: 392041
Ion Ratio Lower Upper
84 100
86 66.0 46.2 85.8
49 139.7 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 111.688 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

ClientSampleId :

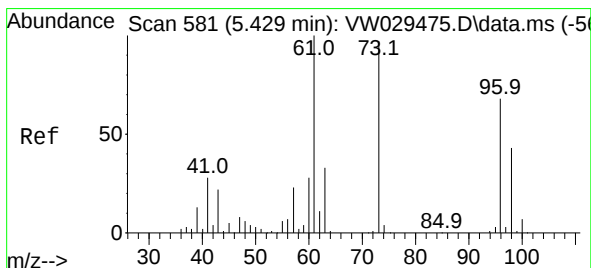
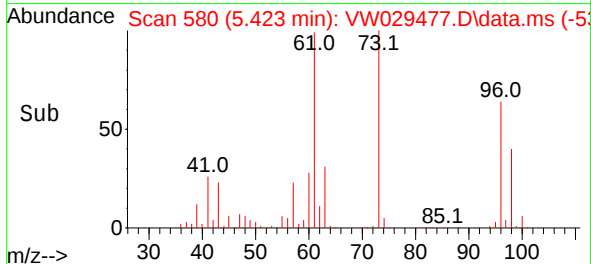
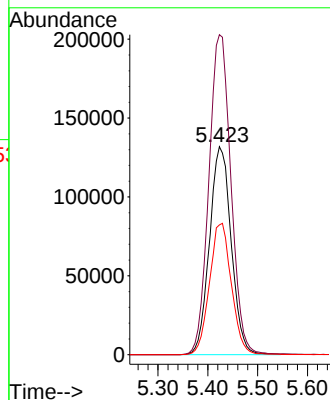
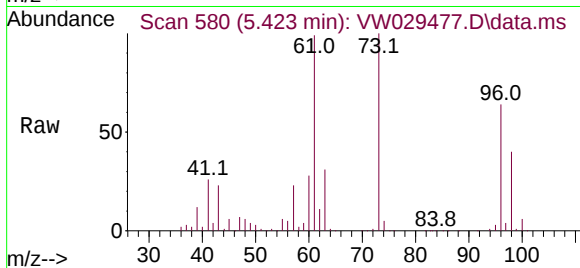
Tgt Ion: 96 Resp: 399737

Ion Ratio Lower Upper

96 100

61 153.8 102.9 191.1

98 62.3 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 126.682 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

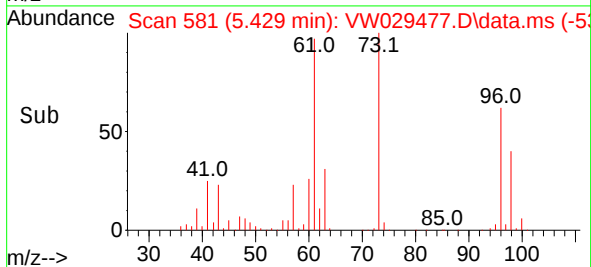
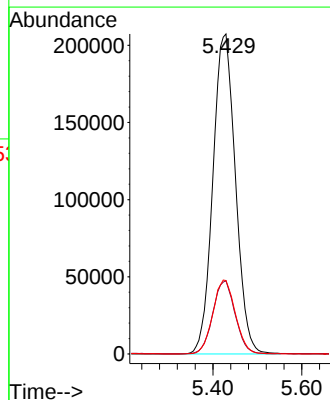
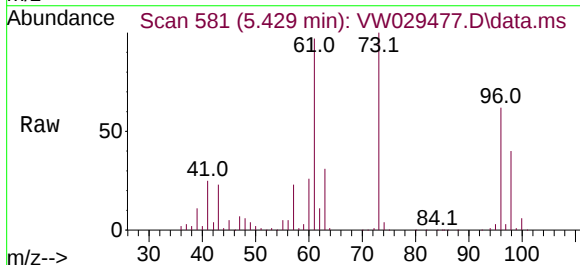
Tgt Ion: 73 Resp: 730594

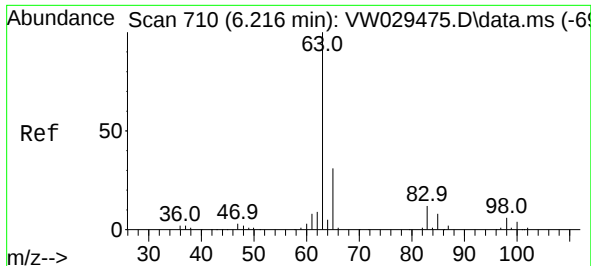
Ion Ratio Lower Upper

73 100

43 22.5 18.7 28.1

57 23.1 18.9 28.3





#19

1,1-Dichloroethane

Concen: 107.720 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

ClientSampleId :

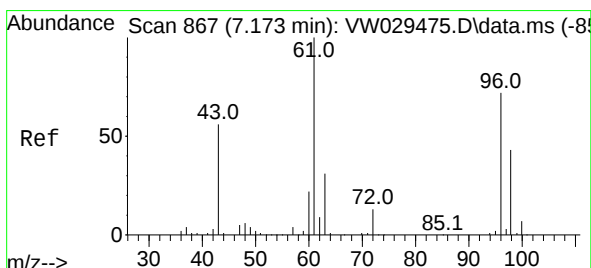
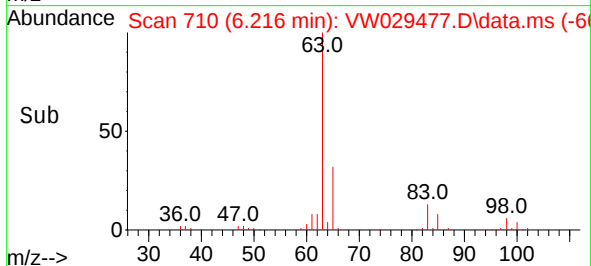
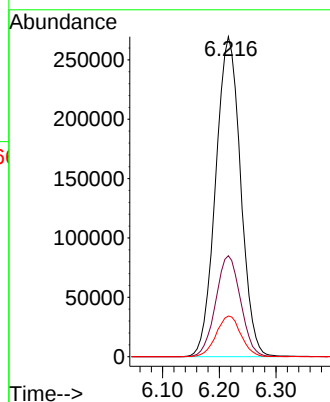
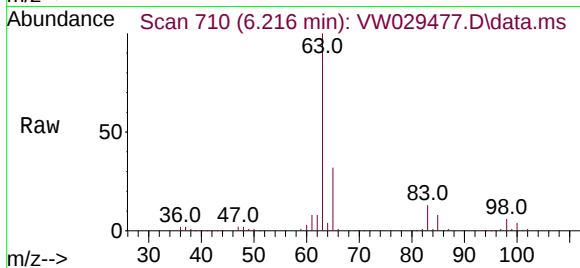
Tgt Ion: 63 Resp: 822009

Ion Ratio Lower Upper

63 100

65 31.6 21.5 39.9

83 12.7 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 113.991 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

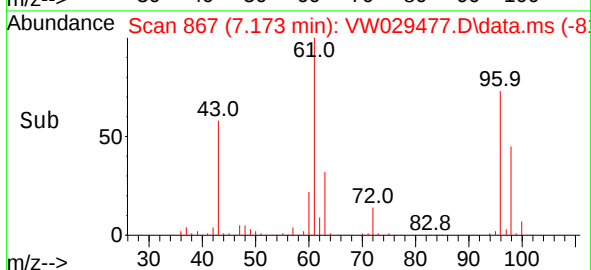
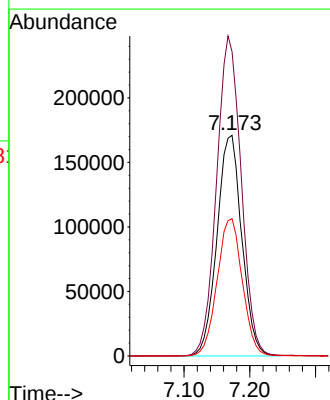
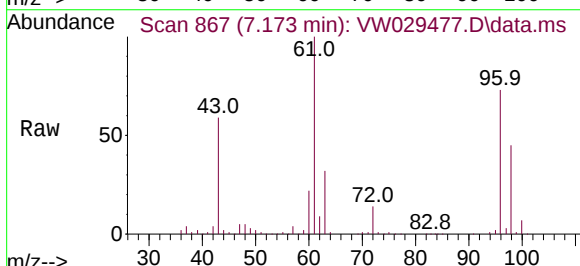
Tgt Ion: 96 Resp: 449259

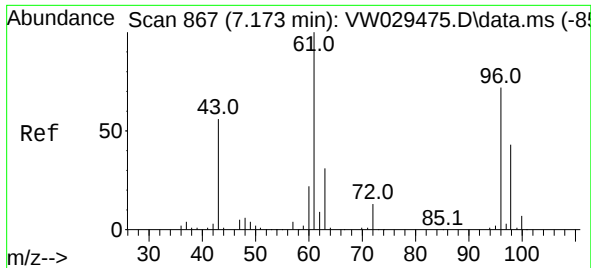
Ion Ratio Lower Upper

96 100

61 137.9 97.4 180.8

98 62.2 41.6 77.2

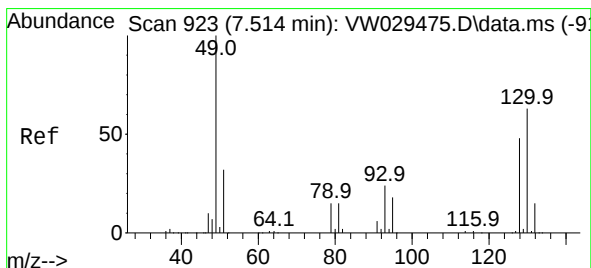
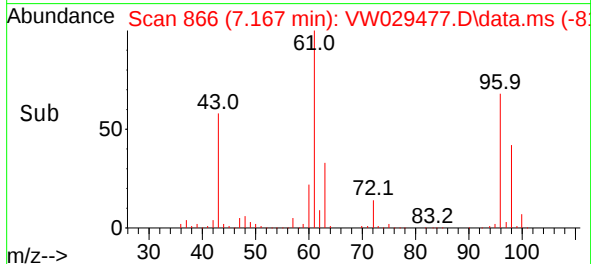
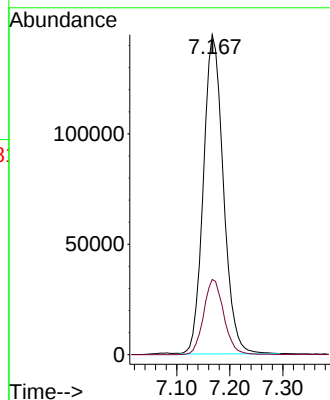
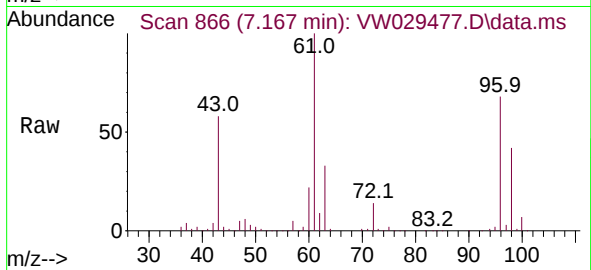




#22
2-Butanone
Concen: 269.929 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

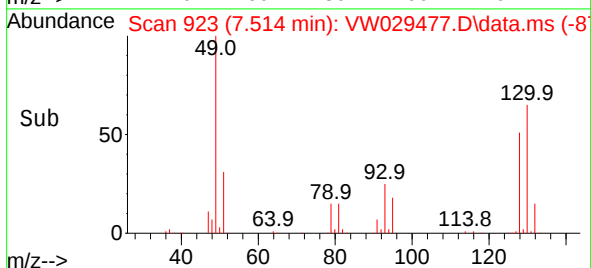
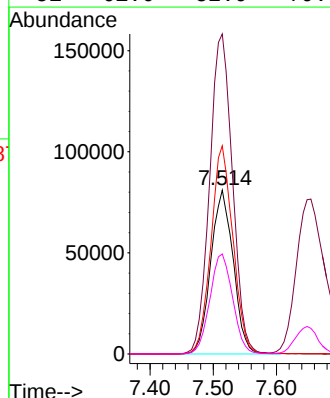
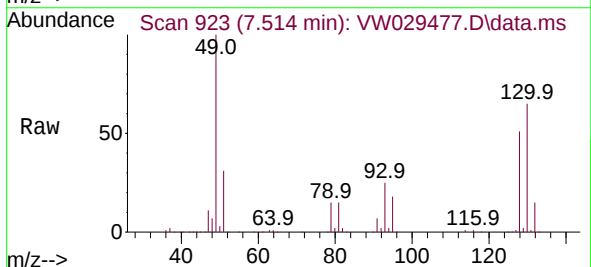
Instrument :
MSVOA_W
ClientSampleId :

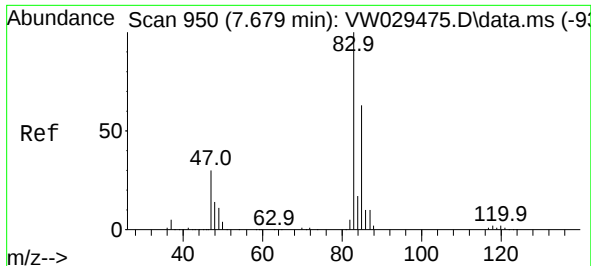
Tgt Ion: 43 Resp: 378731
Ion Ratio Lower Upper
43 100
72 23.8 12.0 36.1



#23
Bromochloromethane
Concen: 114.237 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion:128 Resp: 199966
Ion Ratio Lower Upper
128 100
49 195.3 146.2 271.4
130 127.0 91.9 170.7
51 61.0 52.9 79.3





#25

Chloroform

Concen: 106.689 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

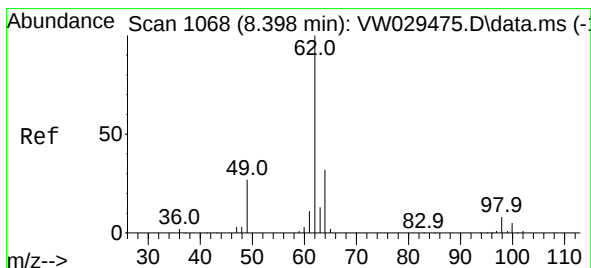
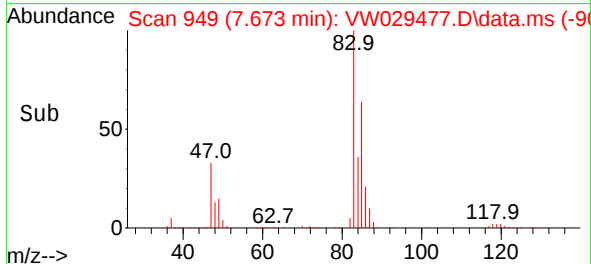
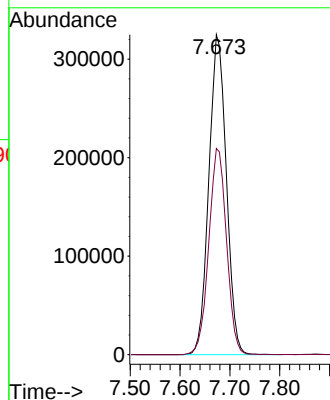
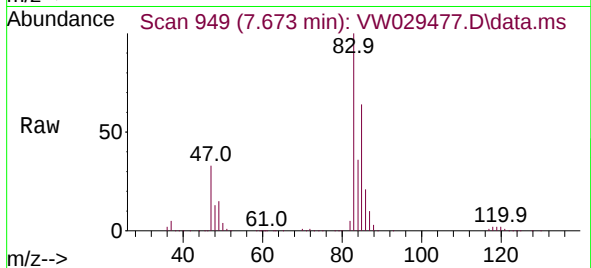
ClientSampleId :

Tgt Ion: 83 Resp: 791429

Ion Ratio Lower Upper

83 100

85 64.4 44.1 81.9



#27

1,2-Dichloroethane

Concen: 106.083 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029477.D

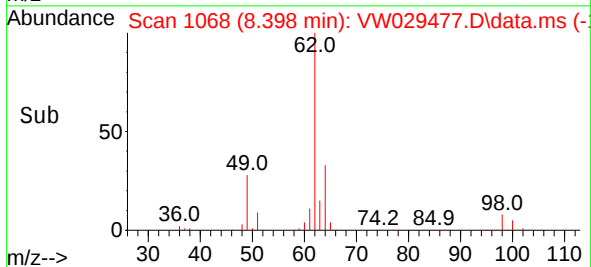
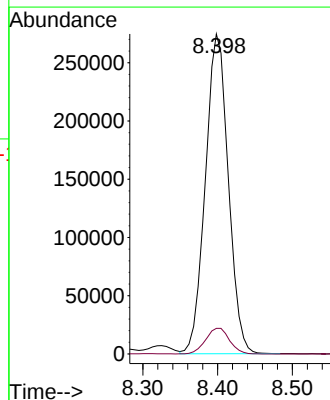
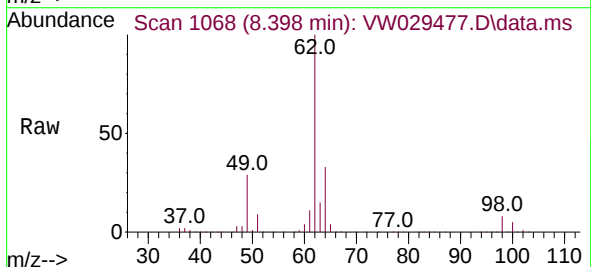
Acq: 08 Jul 2024 13:00

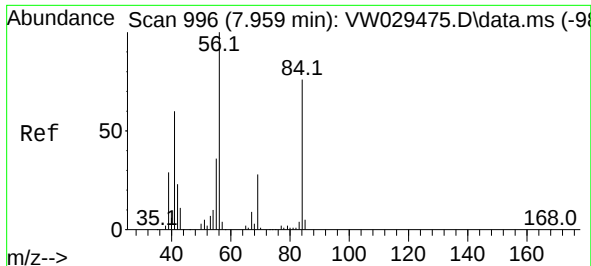
Tgt Ion: 62 Resp: 586482

Ion Ratio Lower Upper

62 100

98 8.0 6.0 9.0





#29

Cyclohexane

Concen: 119.381 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

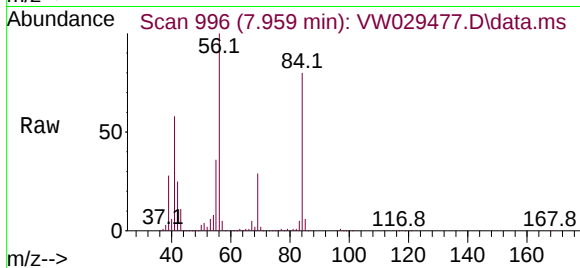
Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

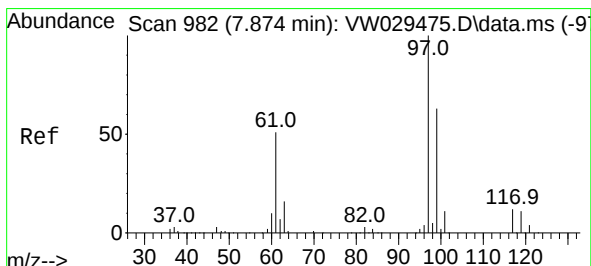
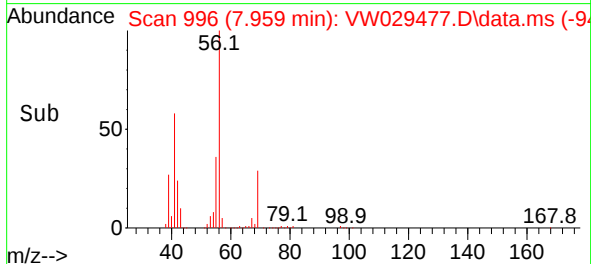
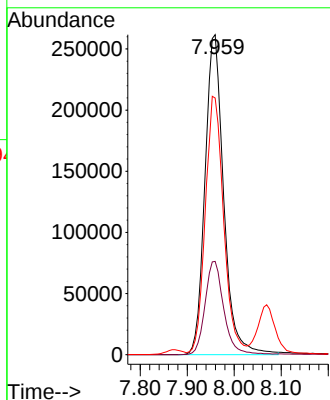
ClientSampleId :



Tgt Ion: 56 Resp: 723460

Ion Ratio Lower Upper

56	100		
69	29.1	23.3	34.9
84	78.8	63.1	94.7



#30

1,1,1-Trichloroethane

Concen: 104.584 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

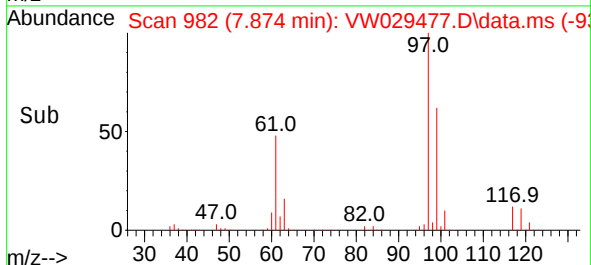
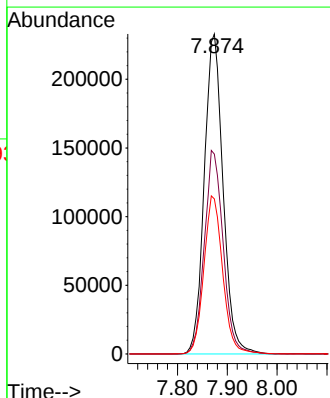
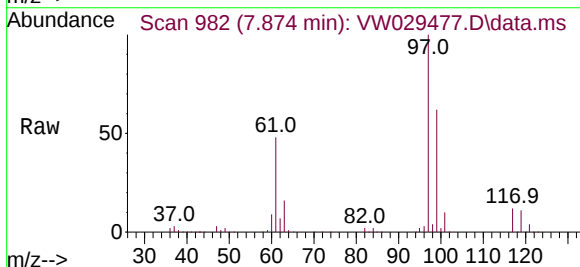
Lab File: VW029477.D

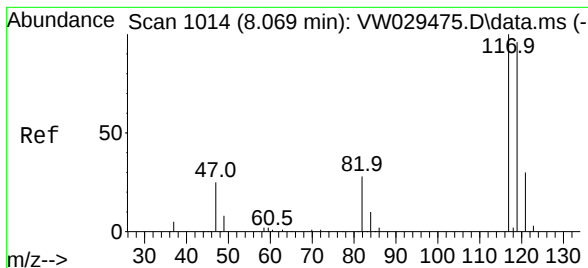
Acq: 08 Jul 2024 13:00

Tgt Ion: 97 Resp: 609377

Ion Ratio Lower Upper

97	100		
99	63.7	51.1	76.7
61	49.6	40.6	61.0





#31

Carbon tetrachloride

Concen: 106.548 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

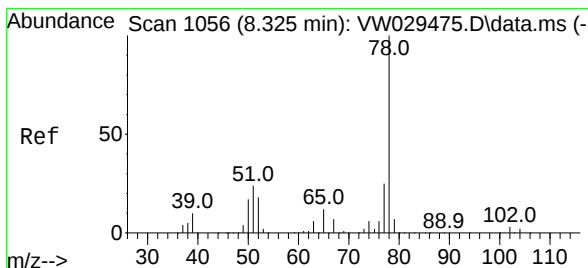
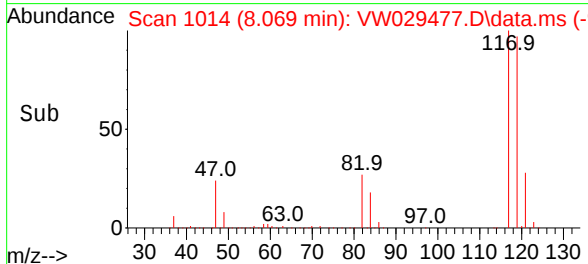
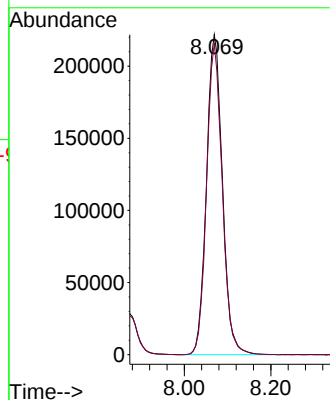
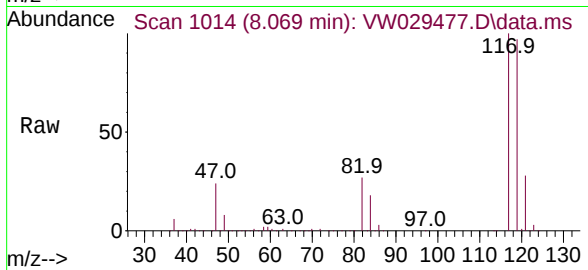
ClientSampleId :

Tgt Ion:117 Resp: 567207

Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6



#33

Benzene

Concen: 107.823 ug/L

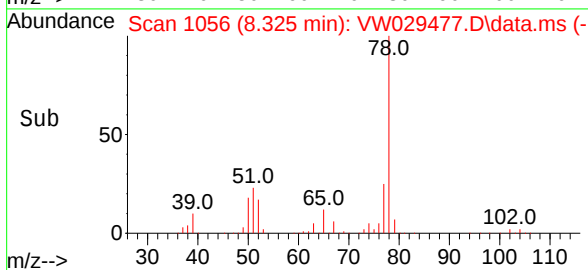
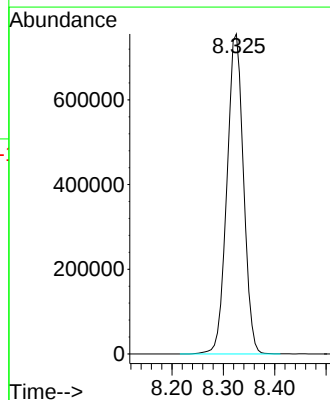
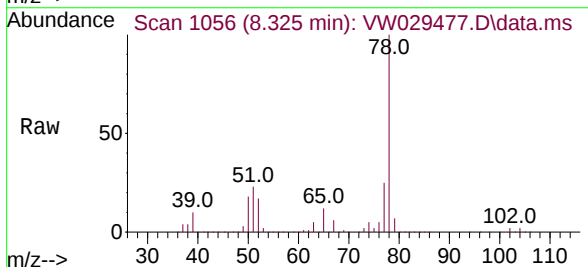
RT: 8.325 min Scan# 1056

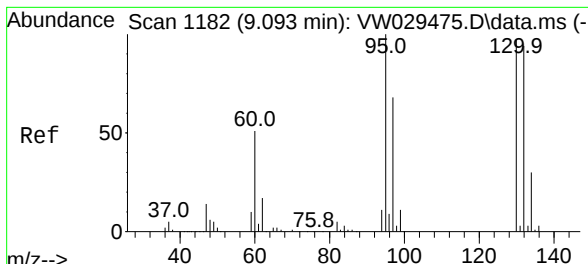
Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Tgt Ion: 78 Resp: 1693599





#34

Trichloroethene

Concen: 107.337 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 451699

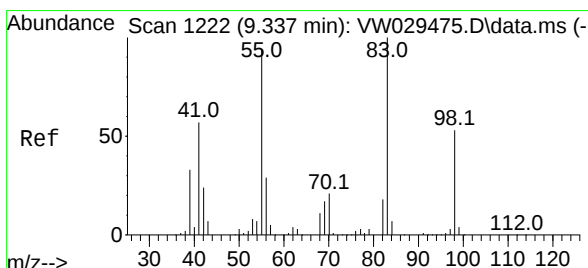
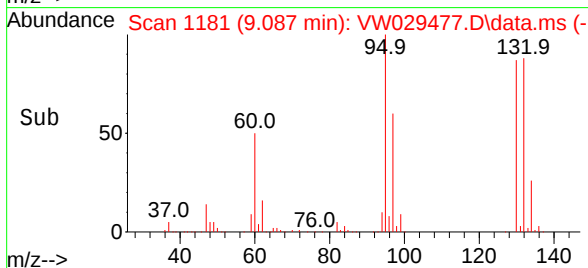
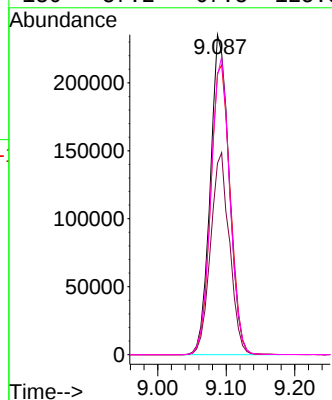
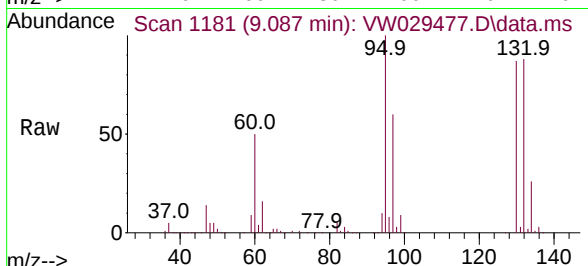
Ion Ratio Lower Upper

95 100

97 59.8 47.3 87.9

132 88.0 65.8 122.2

130 87.2 67.8 125.8



#35

Methylcyclohexane

Concen: 113.531 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

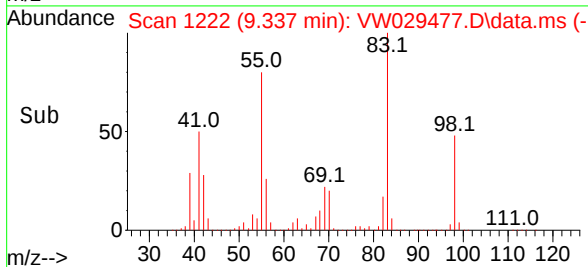
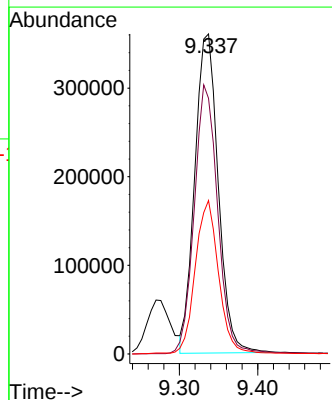
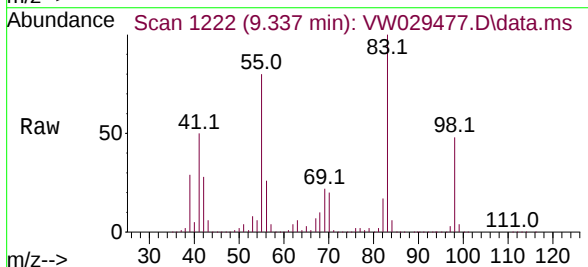
Tgt Ion: 83 Resp: 751484

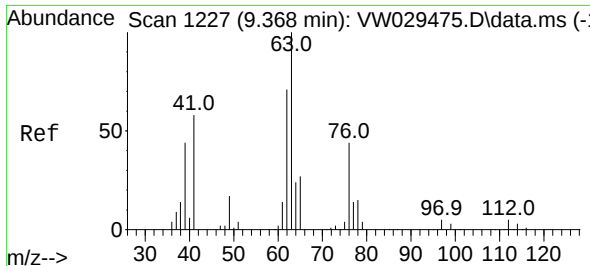
Ion Ratio Lower Upper

83 100

55 84.2 69.6 104.4

98 47.7 38.3 57.5





#37

1,2-Dichloropropane

Concen: 106.644 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

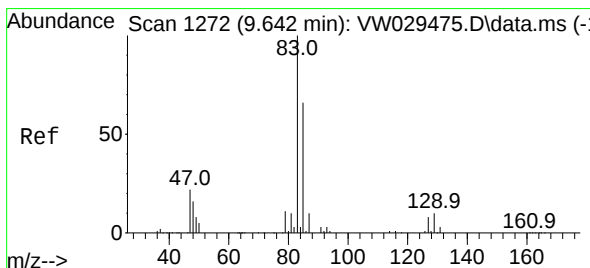
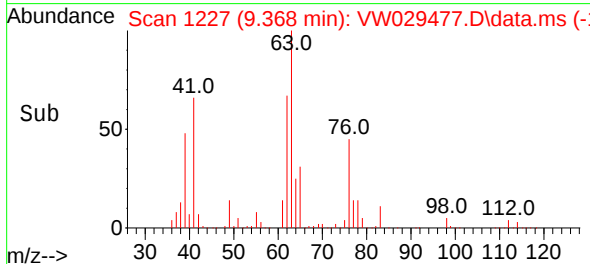
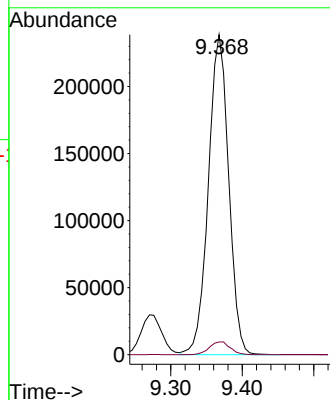
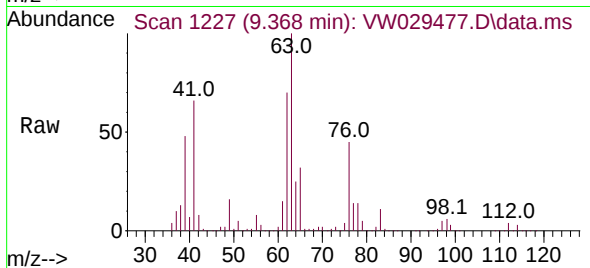
ClientSampleId :

Tgt Ion: 63 Resp: 470636

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 108.494 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

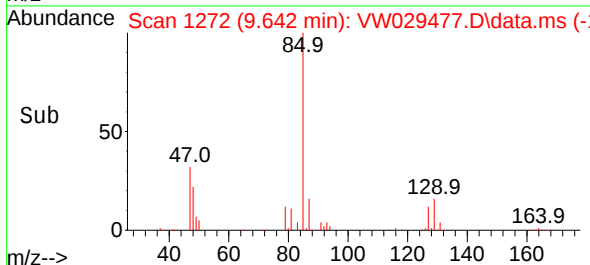
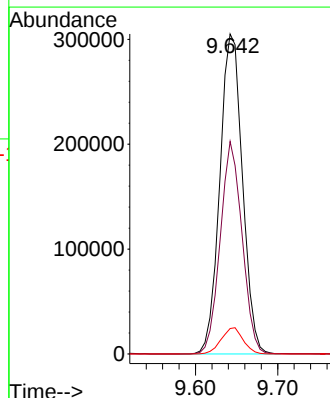
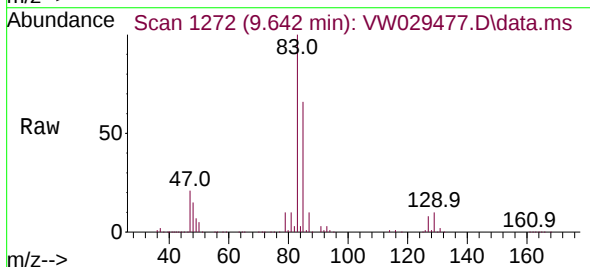
Tgt Ion: 83 Resp: 584322

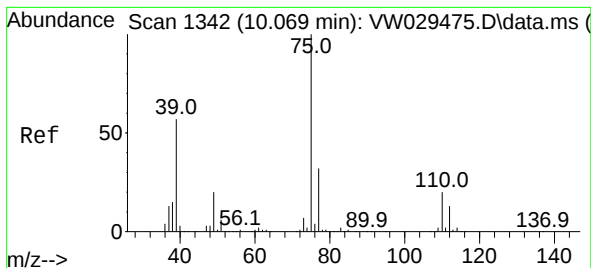
Ion Ratio Lower Upper

83 100

85 66.4 46.1 85.5

127 8.0 6.1 9.1

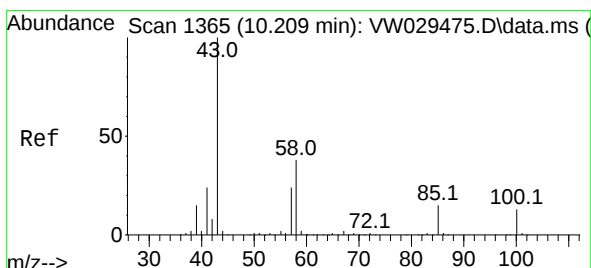
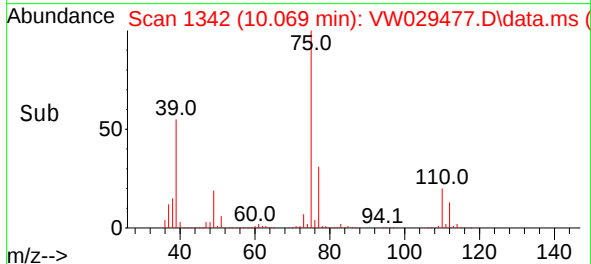
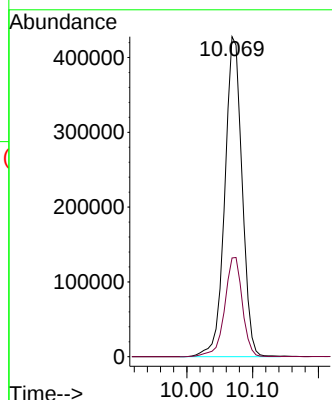
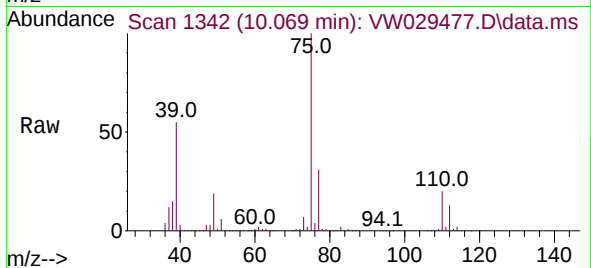




#39
cis-1,3-Dichloropropene
Concen: 123.726 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

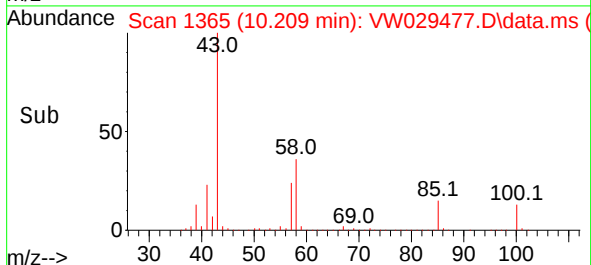
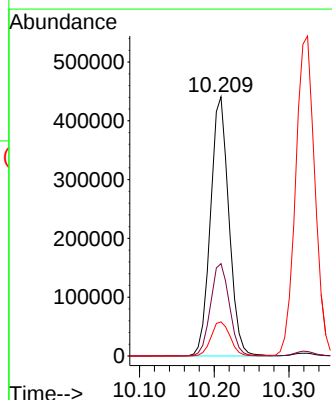
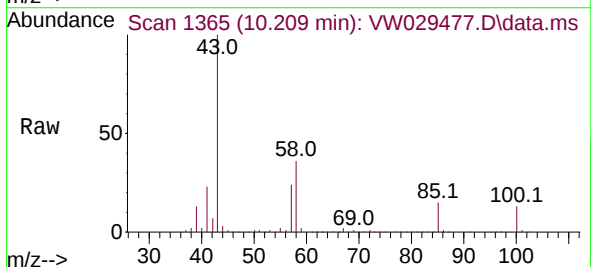
Instrument :
MSVOA_W
ClientSampleId :

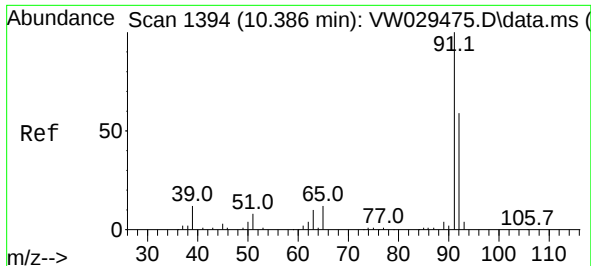
Tgt Ion: 75 Resp: 782636
Ion Ratio Lower Upper
75 100
77 30.9 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 267.300 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion: 43 Resp: 753647
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6
100 13.7 10.5 15.7

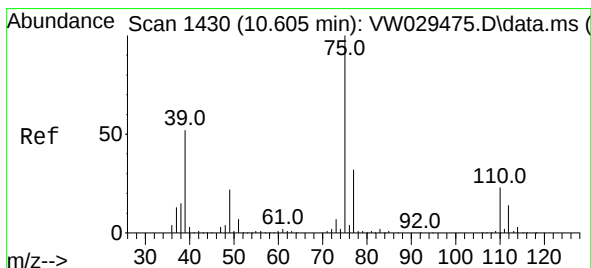
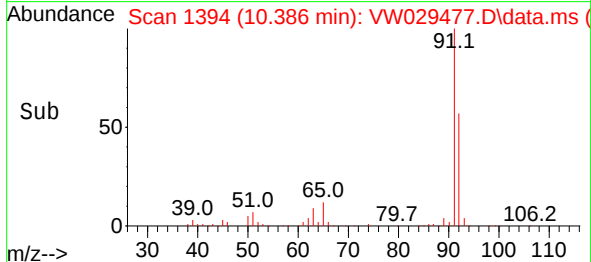
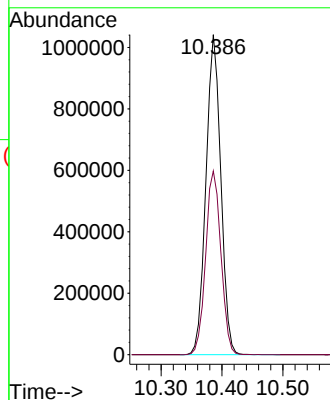
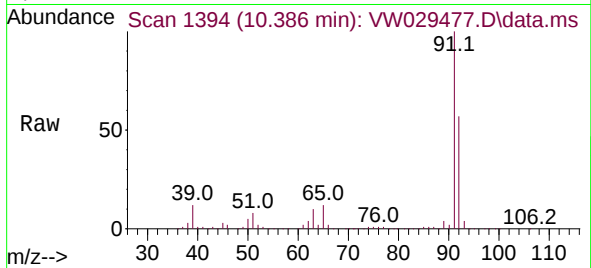




#42
Toluene
Concen: 109.468 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

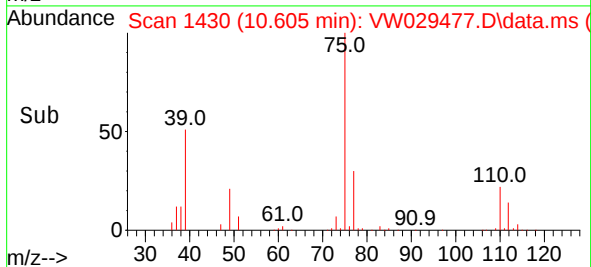
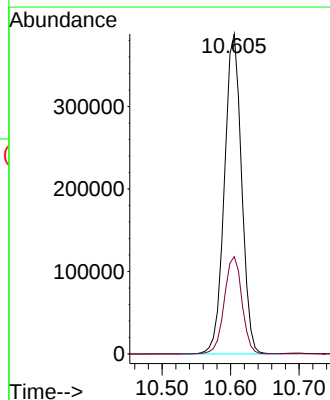
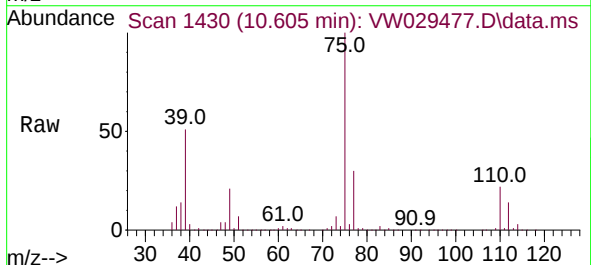
Instrument :
MSVOA_W
ClientSampleId :

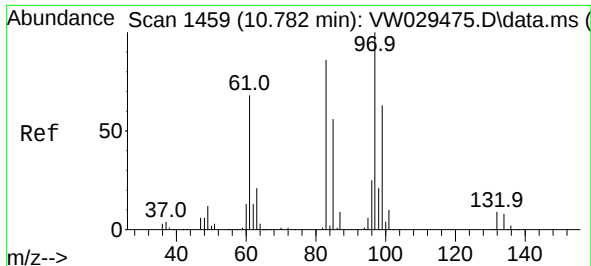
Tgt Ion: 91 Resp: 1766847
Ion Ratio Lower Upper
91 100
92 57.4 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 125.302 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion: 75 Resp: 672140
Ion Ratio Lower Upper
75 100
77 30.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 111.565 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

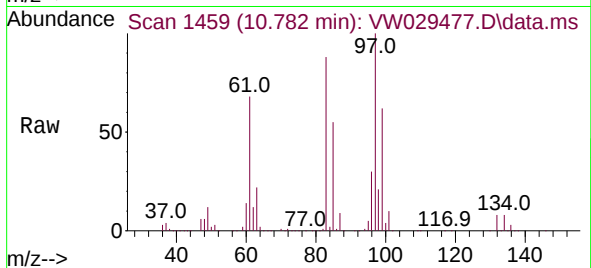
Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 346599

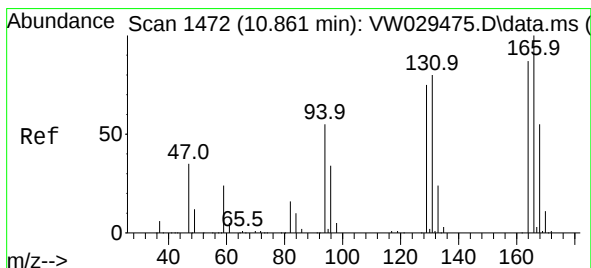
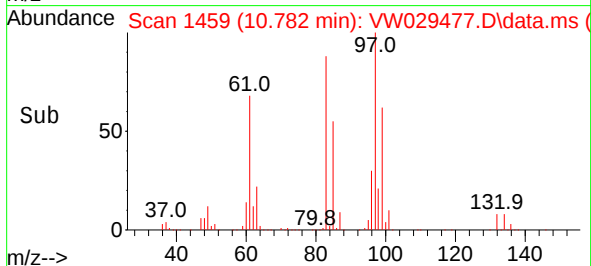
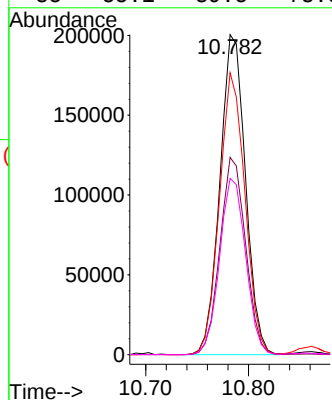
Ion Ratio Lower Upper

97 100

99 61.6 43.8 81.4

83 88.1 60.3 111.9

85 55.1 39.5 73.3



#46

Tetrachloroethene

Concen: 101.826 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Tgt Ion:164 Resp: 302120

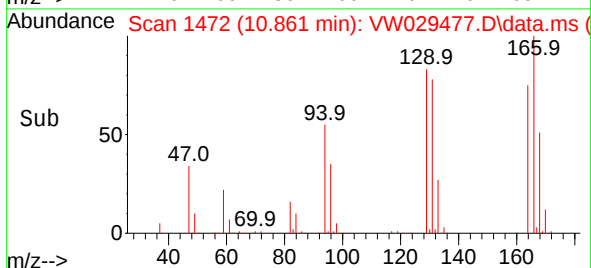
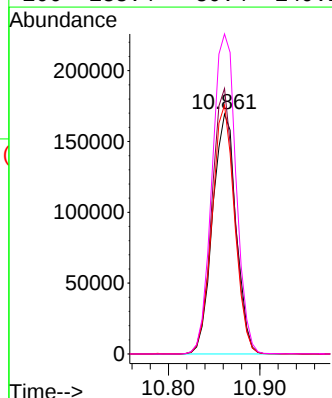
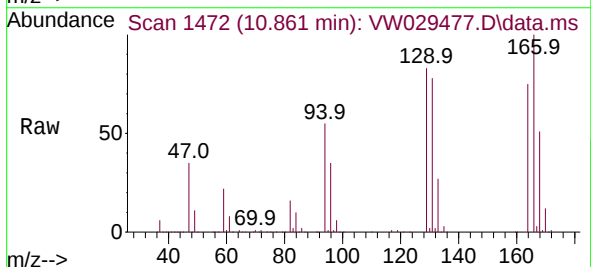
Ion Ratio Lower Upper

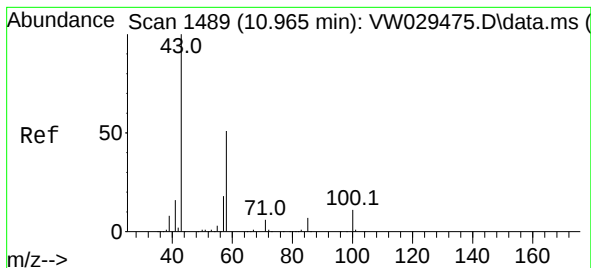
164 100

129 110.7 60.0 111.4

131 103.8 64.6 120.0

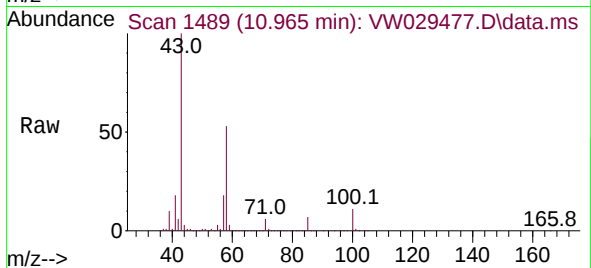
166 133.4 80.4 149.2





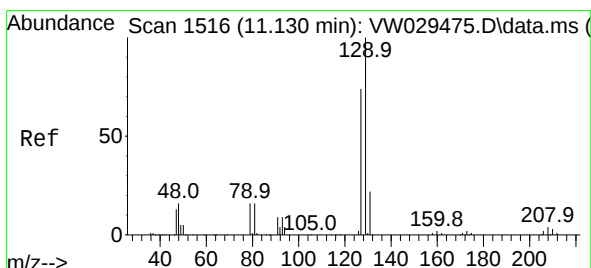
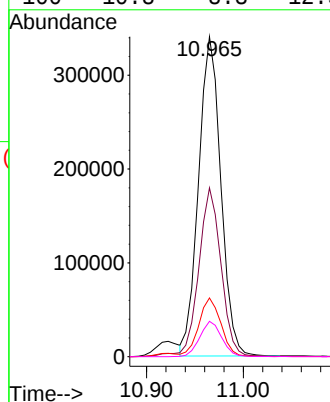
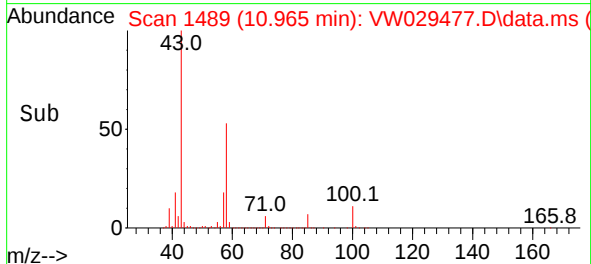
#48
2-Hexanone
Concen: 269.580 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 547134

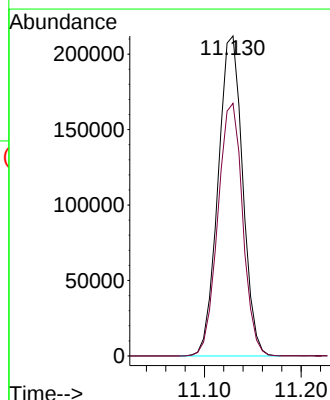
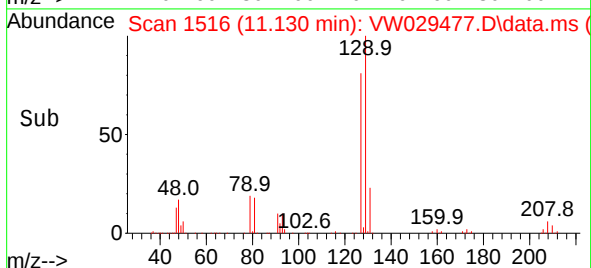
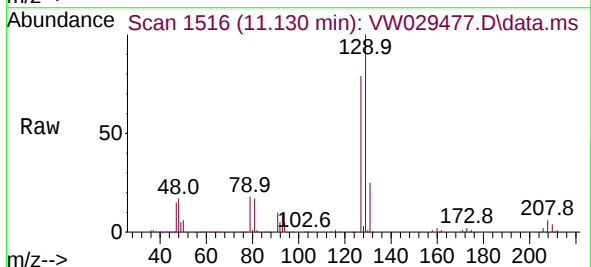
Ion	Ratio	Lower	Upper
43	100		
58	51.9	39.8	59.8
57	18.4	14.6	21.8
100	10.8	8.3	12.5

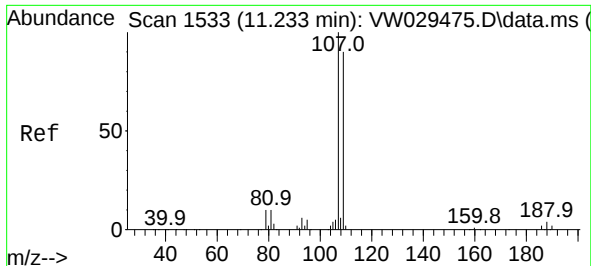


#49
Dibromochloromethane
Concen: 115.962 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion: 129 Resp: 374442

Ion	Ratio	Lower	Upper
129	100		
127	78.9	51.9	96.3





#50

1,2-Dibromoethane

Concen: 119.303 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

ClientSampleId :

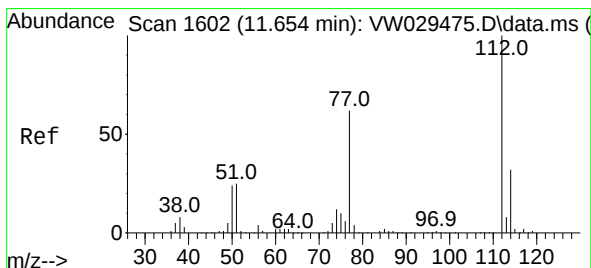
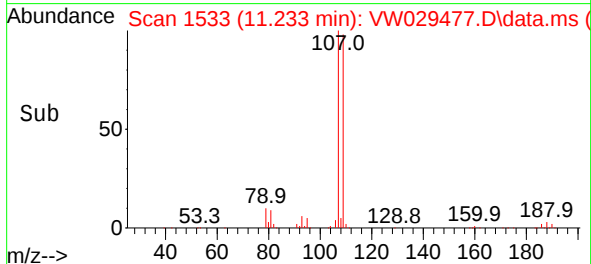
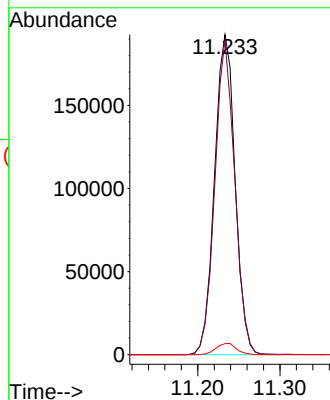
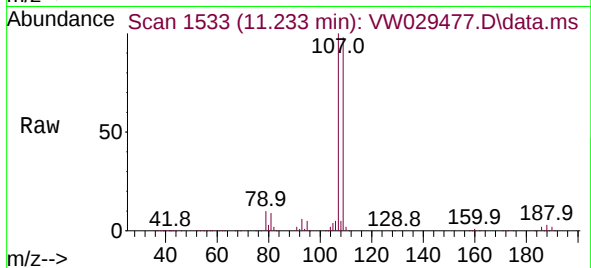
Tgt Ion:107 Resp: 334477

Ion Ratio Lower Upper

107 100

109 98.2 63.2 117.4

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 109.978 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

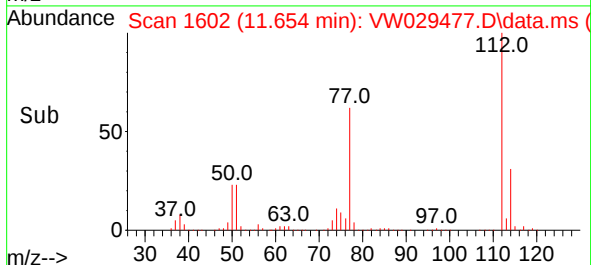
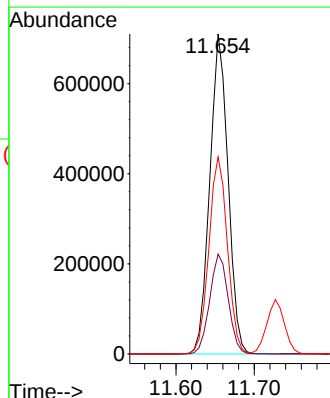
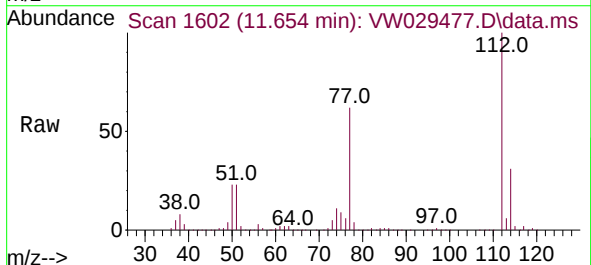
Tgt Ion:112 Resp: 1146864

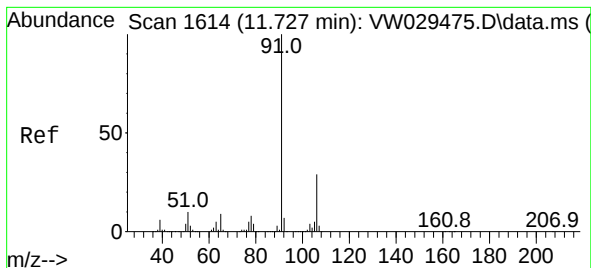
Ion Ratio Lower Upper

112 100

114 31.2 22.6 42.0

77 61.6 49.9 74.9

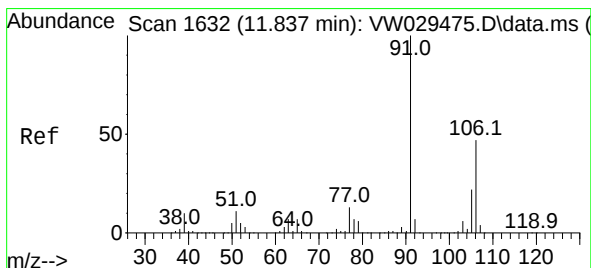
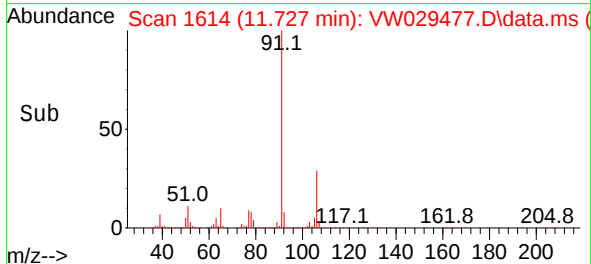
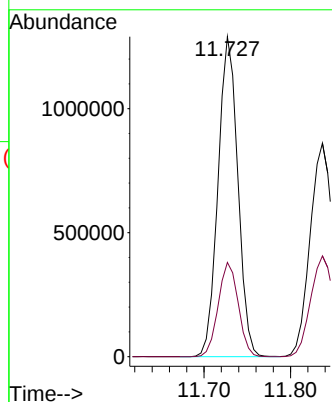
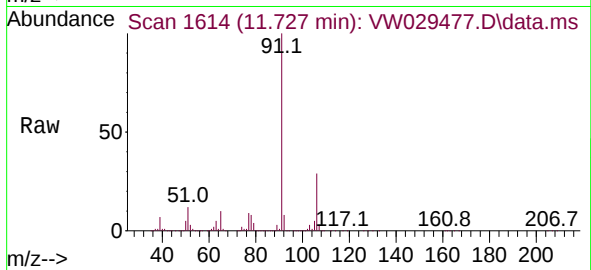




#52
Ethylbenzene
Concen: 111.389 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

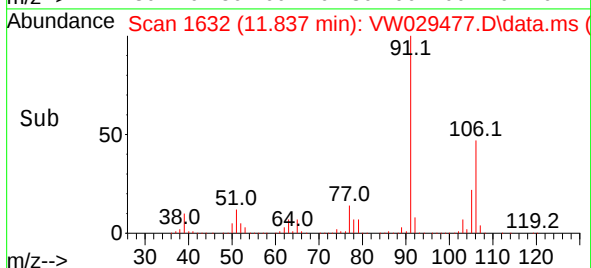
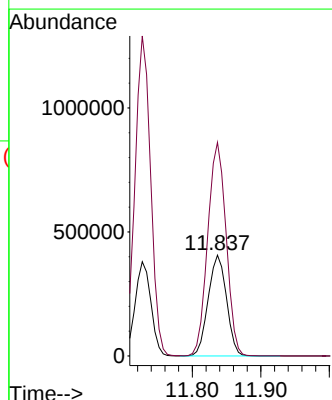
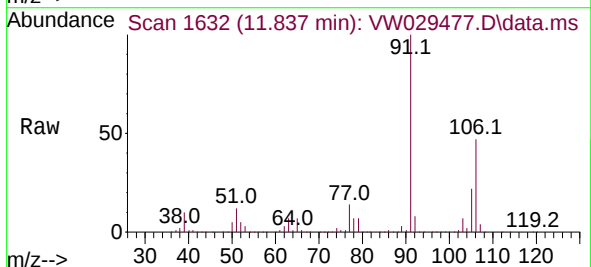
Instrument :
MSVOA_W
ClientSampleId :

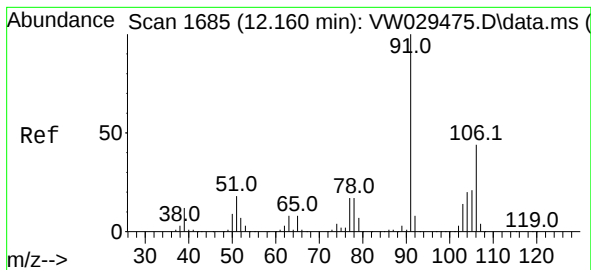
Tgt Ion: 91 Resp: 2048461
Ion Ratio Lower Upper
91 100
106 29.5 20.2 37.6



#53
m,p-Xylene
Concen: 112.363 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion:106 Resp: 754422
Ion Ratio Lower Upper
106 100
91 212.0 149.3 277.3

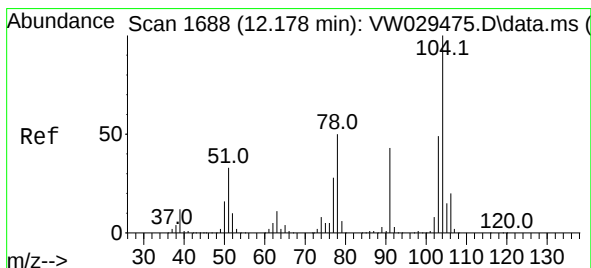
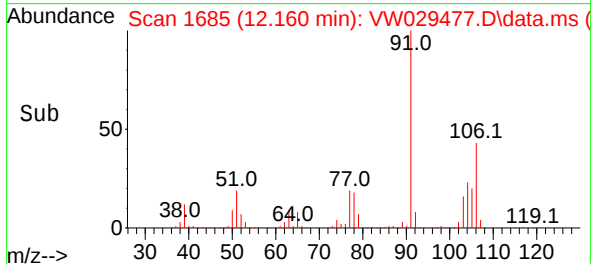
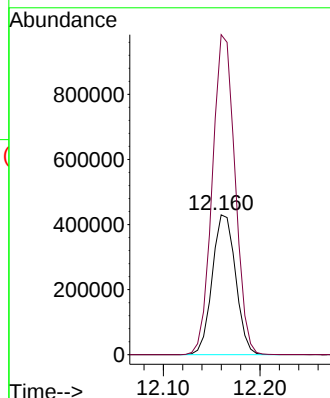
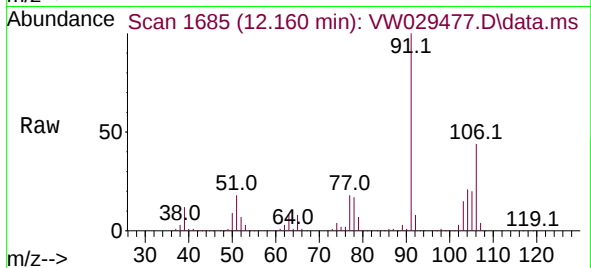




#54
o-Xylene
Concen: 114.800 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

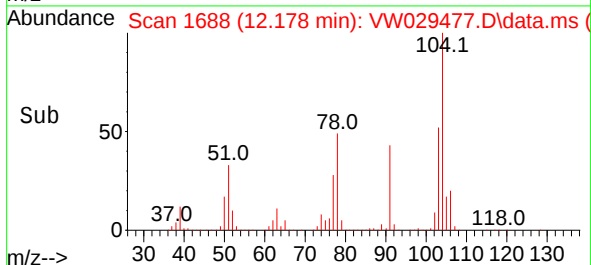
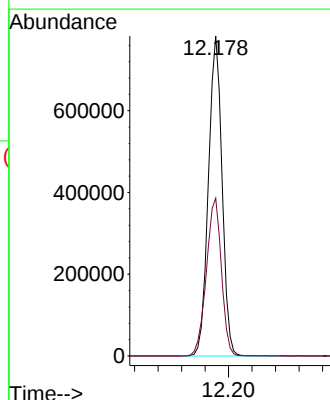
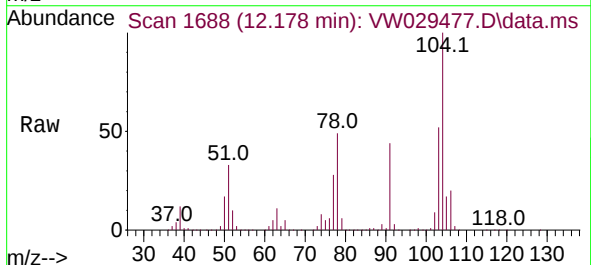
Instrument :
MSVOA_W
ClientSampleId :

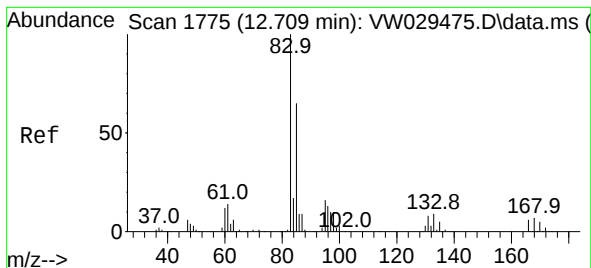
Tgt Ion:106 Resp: 721101
Ion Ratio Lower Upper
106 100
91 228.8 159.2 295.6



#55
Styrene
Concen: 115.340 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion:104 Resp: 1258737
Ion Ratio Lower Upper
104 100
78 49.3 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 112.435 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

ClientSampleId :

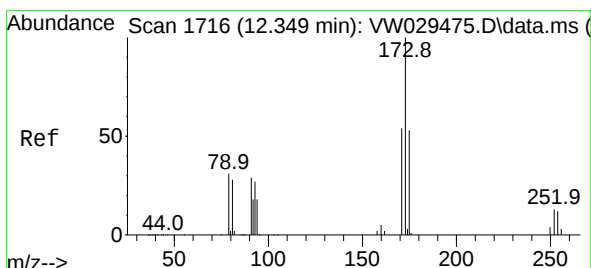
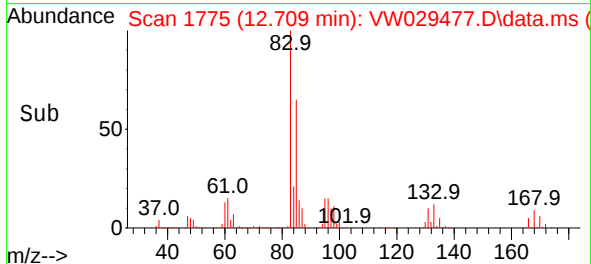
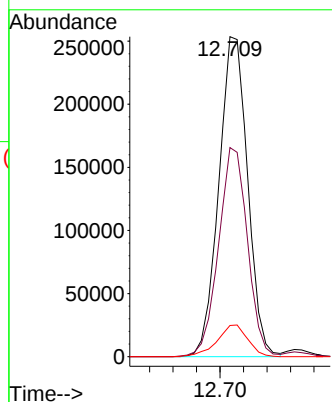
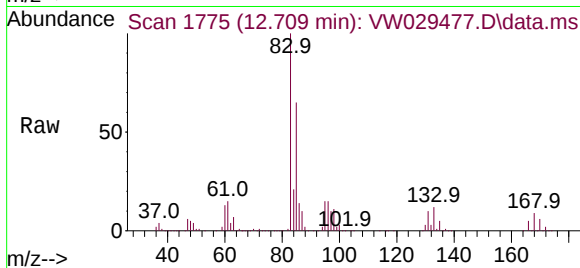
Tgt Ion: 83 Resp: 431724

Ion Ratio Lower Upper

83 100

85 65.4 45.4 84.4

131 9.7 6.4 9.6#



#59

Bromoform

Concen: 129.225 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

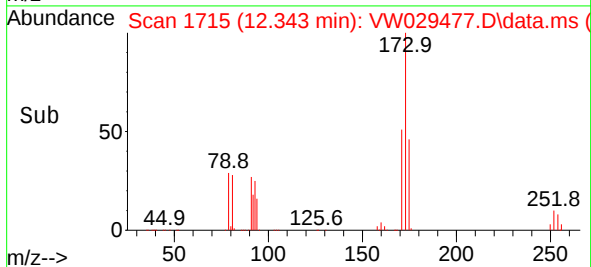
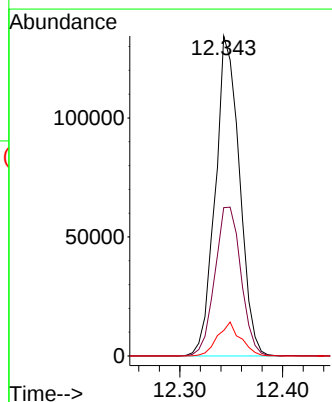
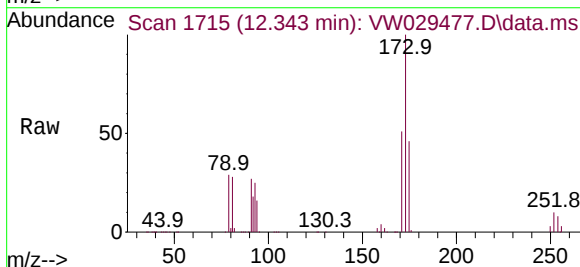
Tgt Ion:173 Resp: 219547

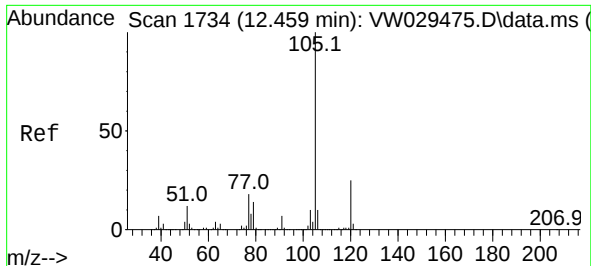
Ion Ratio Lower Upper

173 100

175 50.3 40.4 60.6

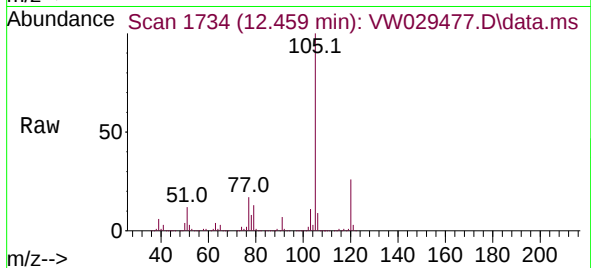
254 10.1 8.8 13.2



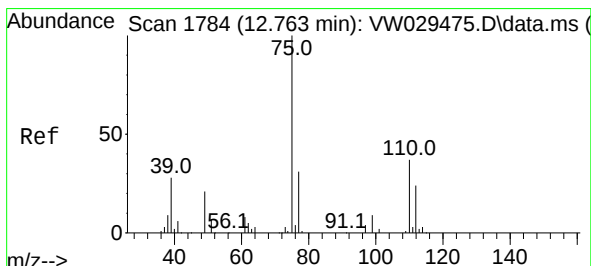
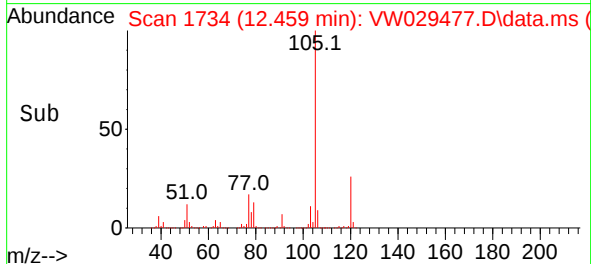
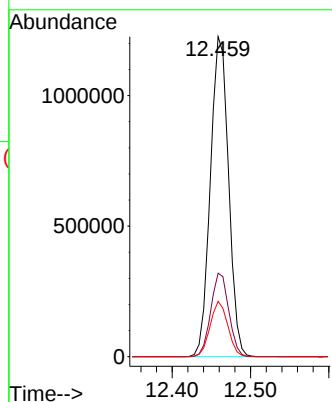


#60
Isopropylbenzene
Concen: 122.082 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Instrument :
MSVOA_W
ClientSampleId :

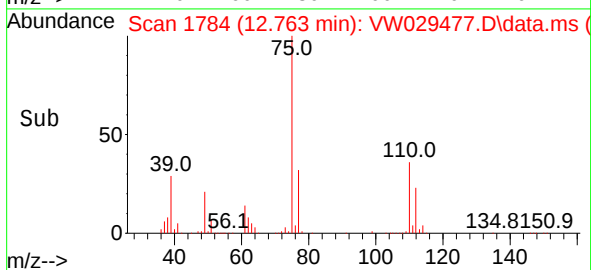
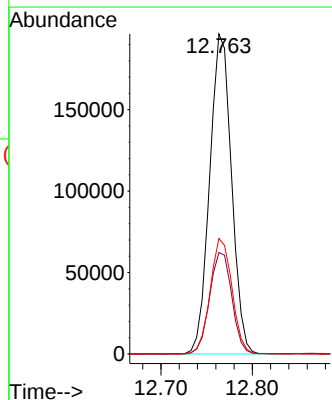
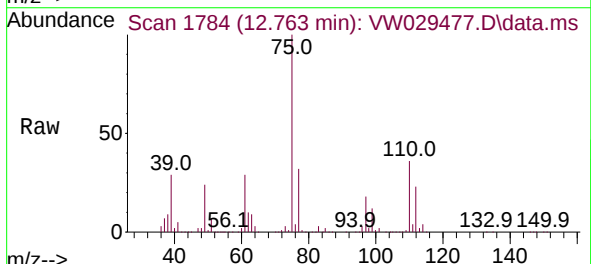


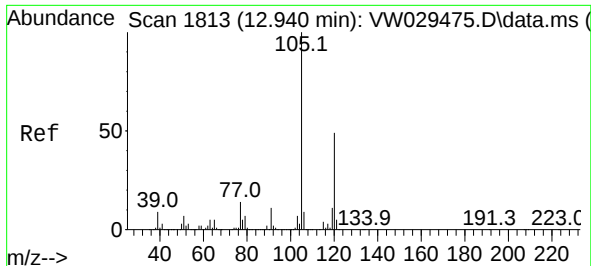
Tgt Ion:105 Resp: 1973342
Ion Ratio Lower Upper
105 100
120 25.9 20.2 30.4
77 16.8 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 120.910 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion: 75 Resp: 326027
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
110 36.0 29.1 43.7





#62

1,3,5-Trimethylbenzene

Concen: 125.276 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

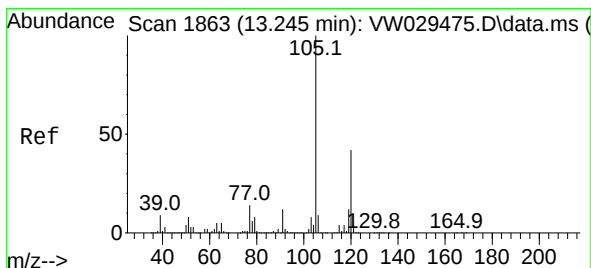
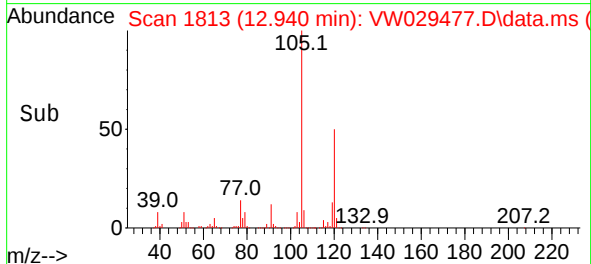
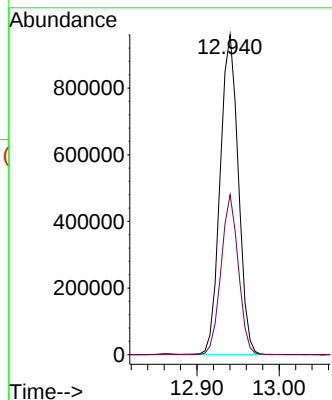
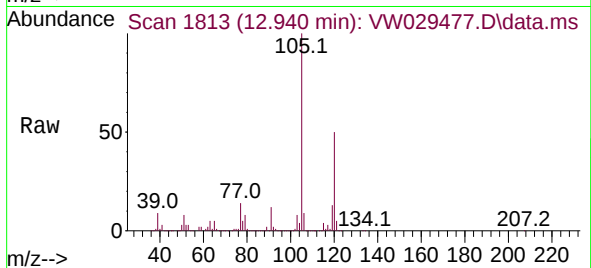
ClientSampleId :

Tgt Ion:105 Resp: 1474535

Ion Ratio Lower Upper

105 100

120 47.5 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 125.150 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029477.D

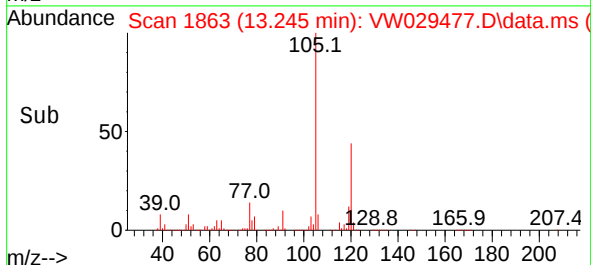
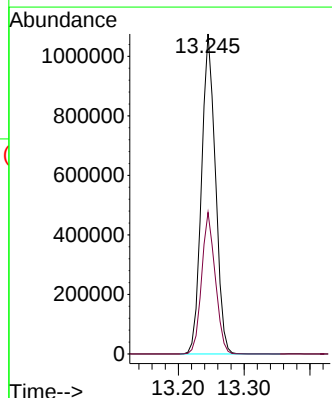
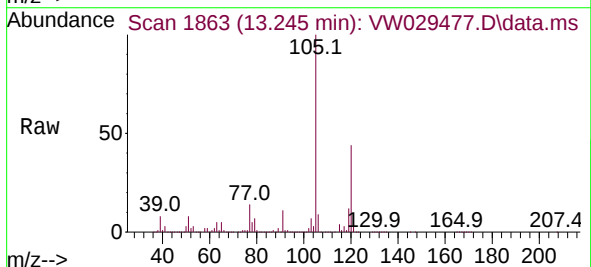
Acq: 08 Jul 2024 13:00

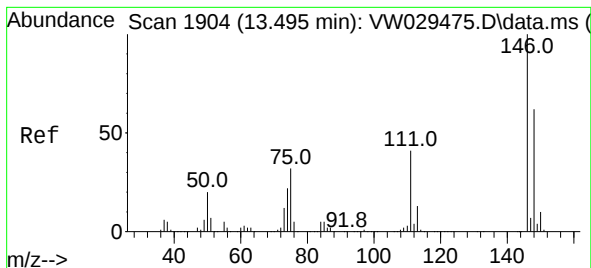
Tgt Ion:105 Resp: 1581288

Ion Ratio Lower Upper

105 100

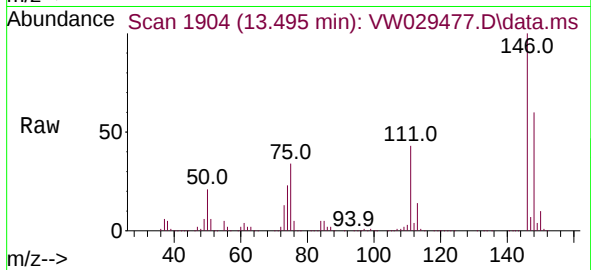
120 43.2 34.7 52.1



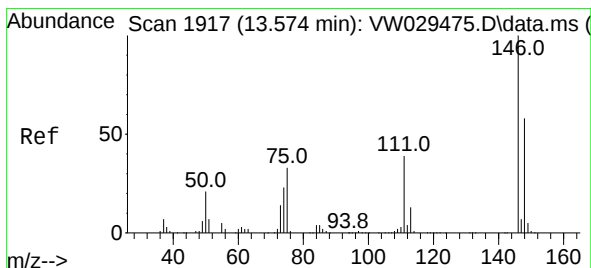
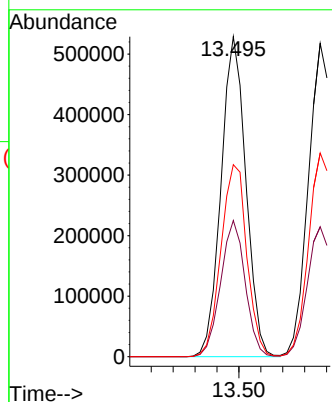
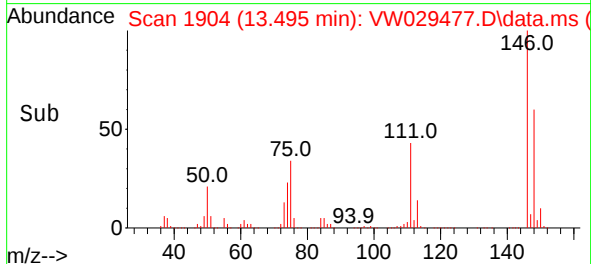


#64
1,3-Dichlorobenzene
Concen: 117.847 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Instrument :
MSVOA_W
ClientSampleId :

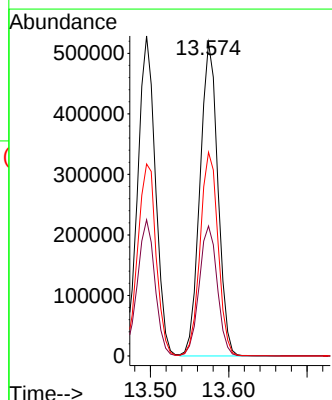
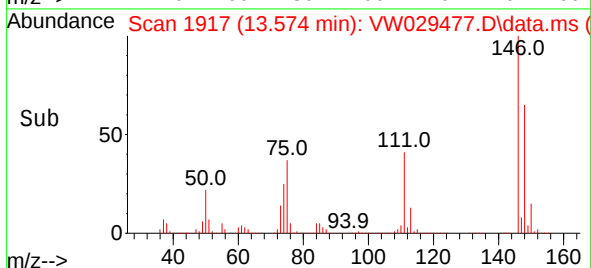
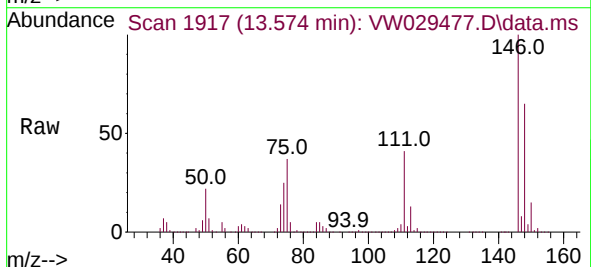


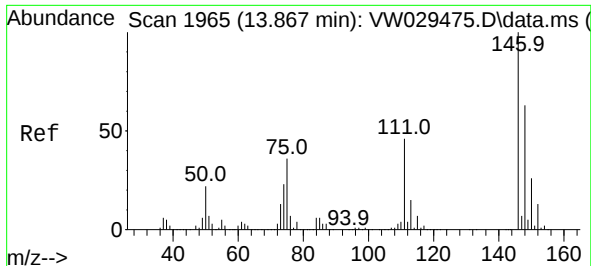
Tgt Ion:146 Resp: 832703
Ion Ratio Lower Upper
146 100
111 42.5 28.6 53.2
148 60.0 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 110.346 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion:146 Resp: 822269
Ion Ratio Lower Upper
146 100
111 41.5 27.6 51.4
148 65.0 40.9 75.9





#67

1,2-Dichlorobenzene

Concen: 116.810 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

ClientSampleId :

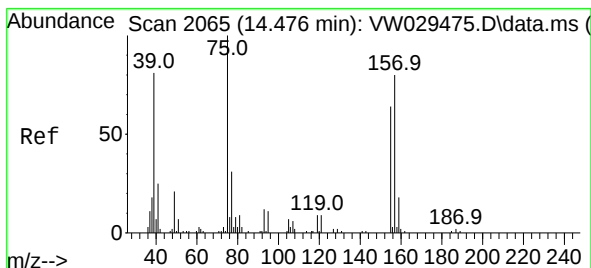
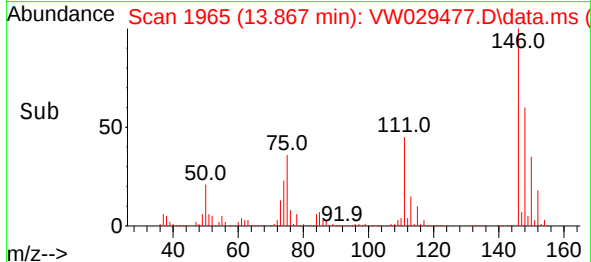
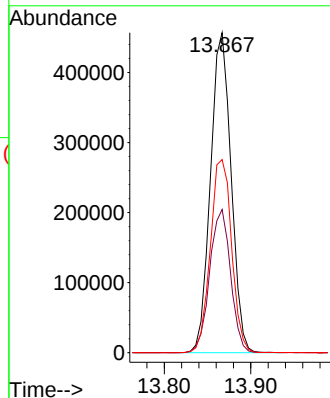
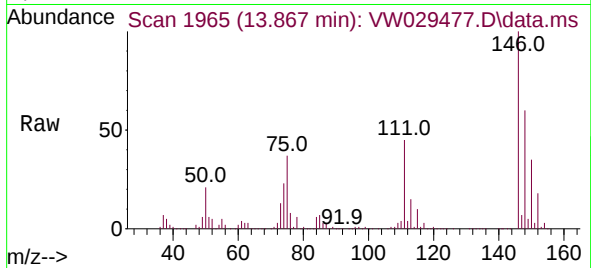
Tgt Ion:146 Resp: 753857

Ion Ratio Lower Upper

146 100

111 44.7 37.1 55.7

148 60.4 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 126.736 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

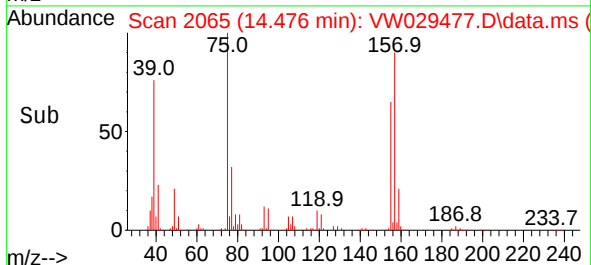
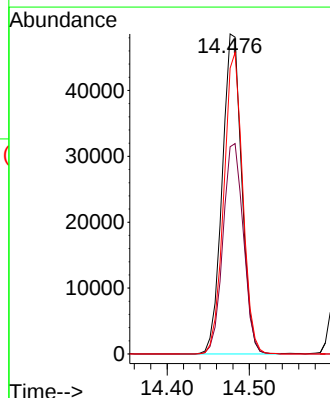
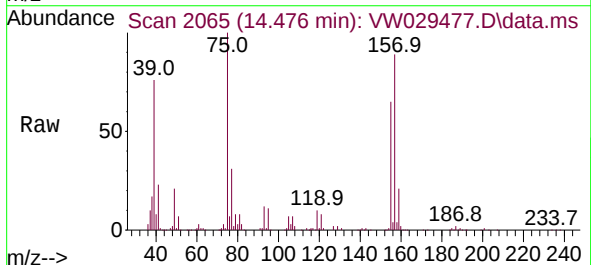
Tgt Ion: 75 Resp: 80240

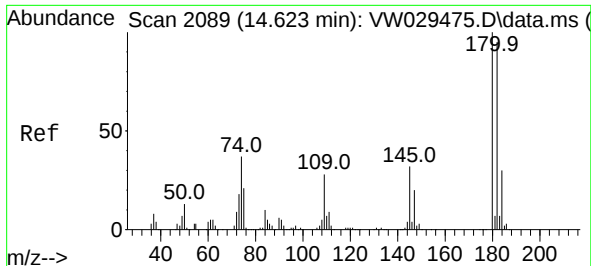
Ion Ratio Lower Upper

75 100

155 64.7 51.2 76.8

157 89.3 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 108.709 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 510856

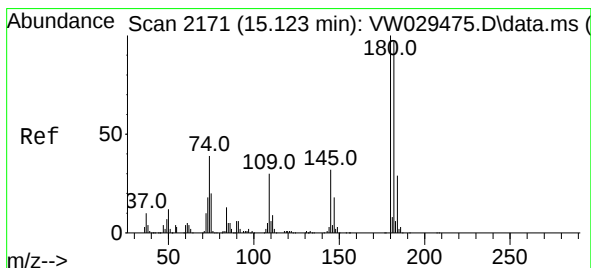
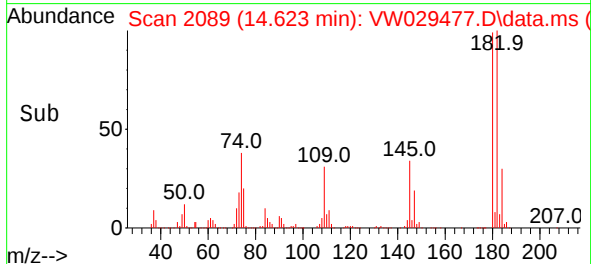
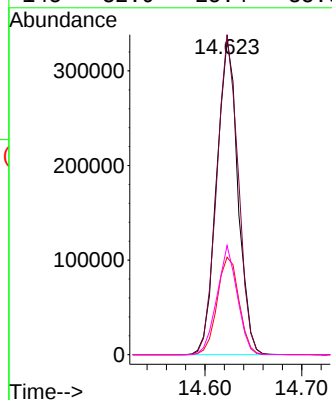
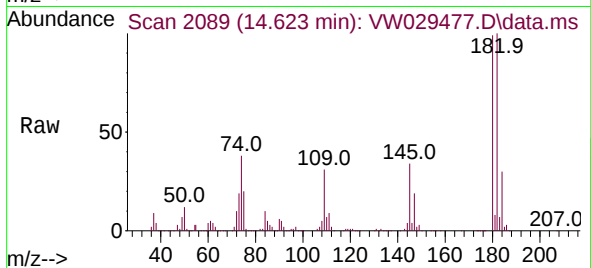
Ion Ratio Lower Upper

180 100

182 101.4 77.9 116.9

184 31.7 24.4 36.6

145 32.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 125.106 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029477.D

Acq: 08 Jul 2024 13:00

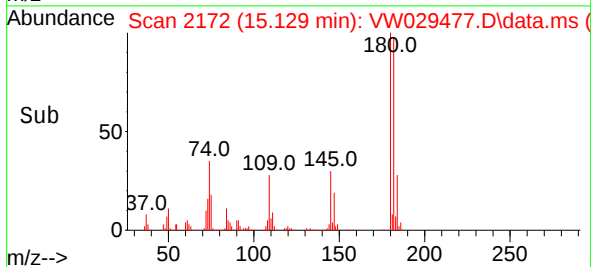
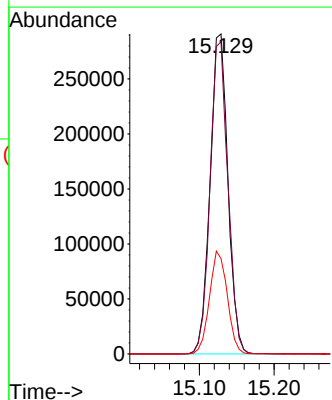
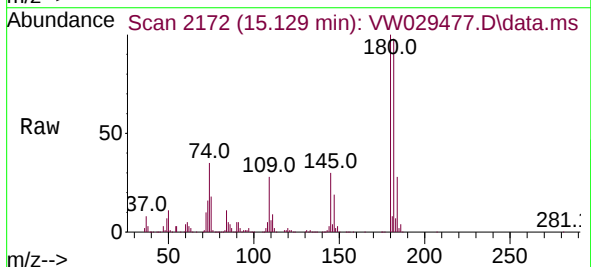
Tgt Ion:180 Resp: 482071

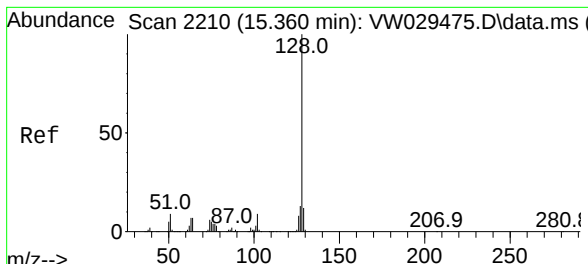
Ion Ratio Lower Upper

180 100

182 97.7 74.7 112.1

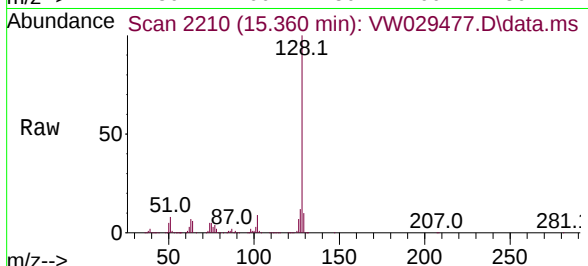
145 32.1 26.2 39.2





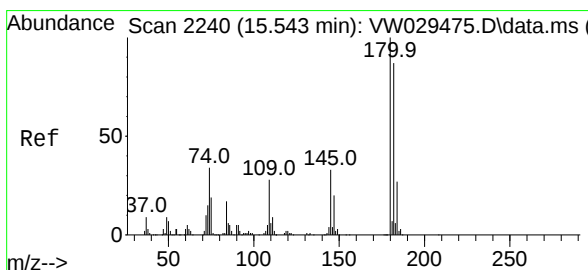
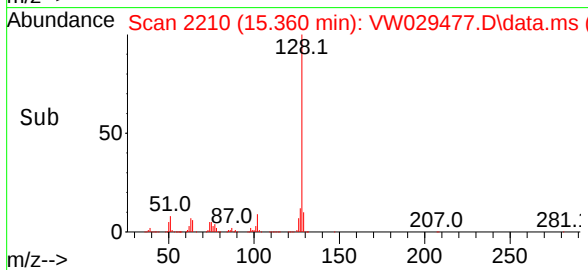
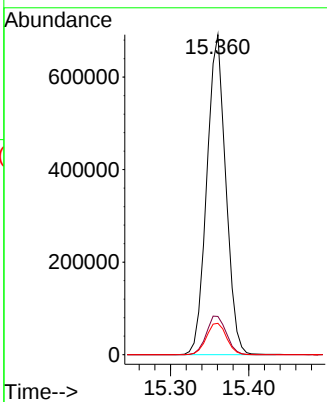
#71
Naphthalene
Concen: 150.131 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 1161306

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.4	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 121.545 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029477.D
Acq: 08 Jul 2024 13:00

Tgt Ion:180 Resp: 431247

Ion	Ratio	Lower	Upper
180	100		
182	96.9	73.4	110.0
145	34.2	26.9	40.3

