

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029475.D
 Acq On : 08 Jul 2024 12:12
 Operator : SY/MD
 Sample : VSTD02554
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 09 01:58:28 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	268822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	247962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124907	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101994	26.572	ug/L	0.00
7) Chloroethane-d5	2.899	69	75473	23.929	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	46593	25.308	ug/L	0.00
21) 2-Butanone-d5	7.075	46	61592	53.172	ug/L	0.00
24) Chloroform-d	7.648	84	196298	24.310	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	115325	24.753	ug/L	0.00
32) Benzene-d6	8.276	84	390133	25.676	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	123162	25.364	ug/L	0.00
41) Toluene-d8	10.325	98	344847	25.785	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	52306	26.372	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	42782	54.762	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99059	25.393	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	110684	25.328	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	45108	17.490	ug/L	100
3) Chloromethane	2.223	50	76843	20.415	ug/L	100
5) Vinyl chloride	2.375	62	89336	20.818	ug/L	100
6) Bromomethane	2.790	94	55031	21.216	ug/L	100
8) Chloroethane	2.936	64	57052	21.609	ug/L	100
9) Trichlorofluoromethane	3.271	101	86888	25.383	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	82338	22.320	ug/L	100
12) 1,1-Dichloroethene	4.052	96	77903	24.469	ug/L	100
13) Acetone	4.119	43	65196	61.928	ug/L	100
14) Carbon disulfide	4.393	76	257743	24.477	ug/L	100
15) Methyl Acetate	4.673	43	52146	26.352	ug/L	100
16) Methylene chloride	4.923	84	99278	20.655	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	88805	24.909	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	149191	25.970	ug/L	100
19) 1,1-Dichloroethane	6.216	63	180642	23.764	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	98133	24.996	ug/L	100
22) 2-Butanone	7.173	43	80981	57.941	ug/L	100
23) Bromochloromethane	7.514	128	42353	24.290	ug/L	100
25) Chloroform	7.679	83	175221	23.713	ug/L	100
27) 1,2-Dichloroethane	8.398	62	132324	24.028	ug/L	100
29) Cyclohexane	7.959	56	154489	26.301	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	137690	24.380	ug/L	100
31) Carbon tetrachloride	8.069	117	126037	24.426	ug/L	100
33) Benzene	8.325	78	383559	25.193	ug/L	100
34) Trichloroethene	9.093	95	99883	24.488	ug/L	100
35) Methylcyclohexane	9.337	83	164761	25.681	ug/L	100
37) 1,2-Dichloropropane	9.368	63	105781	24.729	ug/L	100
38) Bromodichloromethane	9.642	83	125962	24.129	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	161587	26.355	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	148131	54.204	ug/L	100
42) Toluene	10.386	91	403727	25.807	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	137831	26.509	ug/L	100

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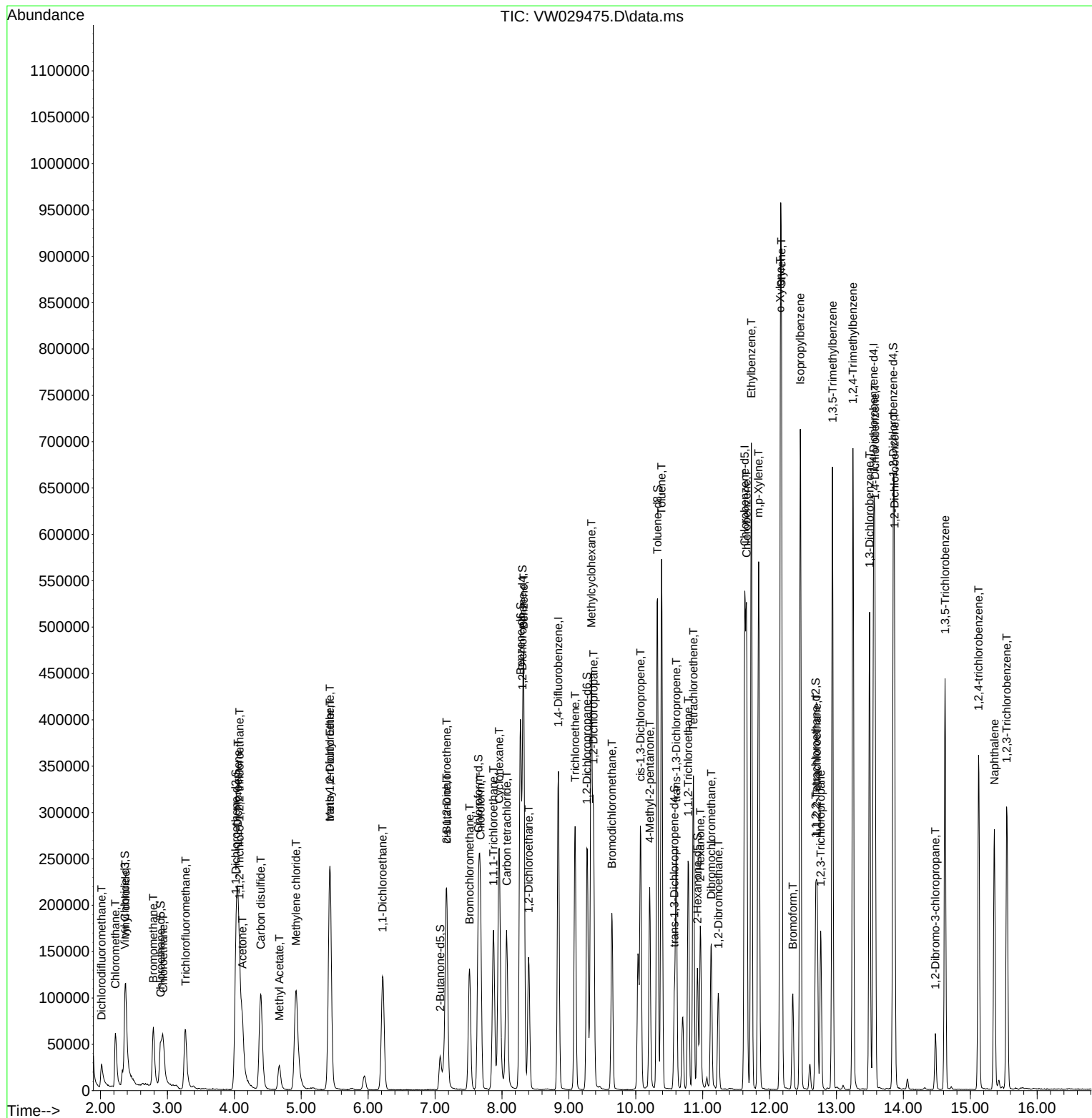
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	75409	25.043	ug/L	100
46) Tetrachloroethene	10.861	164	73015	25.389	ug/L	100
48) 2-Hexanone	10.965	43	115430	58.677	ug/L	100
49) Dibromochloromethane	11.130	129	78970	25.232	ug/L	100
50) 1,2-Dibromoethane	11.233	107	70600	25.980	ug/L	100
51) Chlorobenzene	11.654	112	244549	24.194	ug/L	100
52) Ethylbenzene	11.727	91	464428	26.055	ug/L	100
53) m,p-Xylene	11.837	106	170099	26.138	ug/L	100
54) o-Xylene	12.160	106	159212	26.150	ug/L	100
55) Styrene	12.178	104	276528	26.142	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	93210	25.045	ug/L	100
59) Bromoform	12.349	173	44583	25.059	ug/L	100
60) Isopropylbenzene	12.459	105	438085	25.881	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70282	24.890	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	334690	27.154	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	355612	26.877	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	190910	25.801	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	192345	24.649	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	169736	25.115	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	16250	24.510	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	120285	24.443	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	105741	26.205	ug/L	100
71) Naphthalene	15.360	128	219567	27.106	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	99252	26.713	ug/L	100

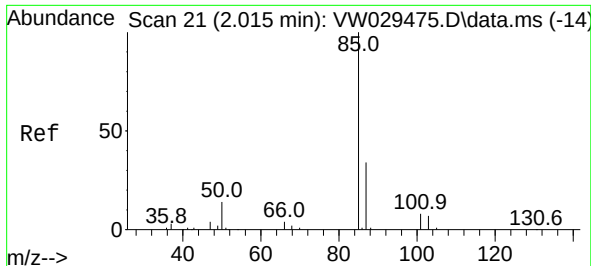
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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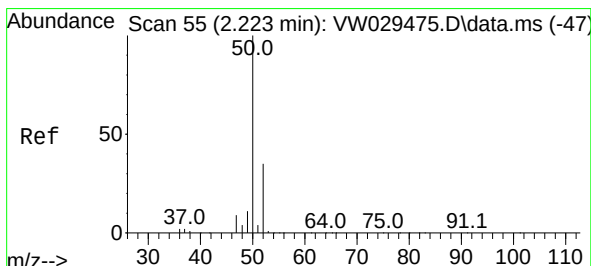
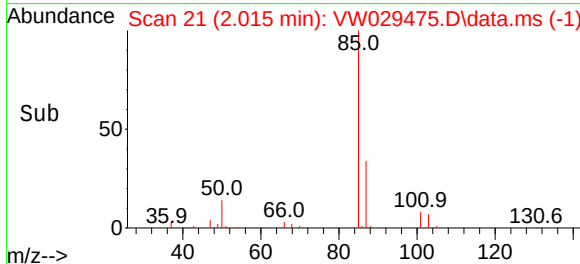
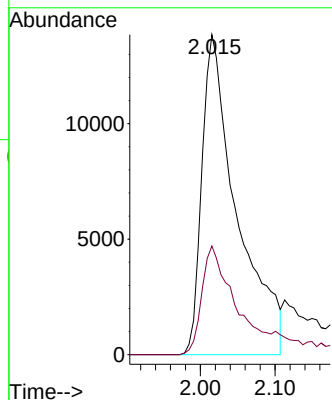
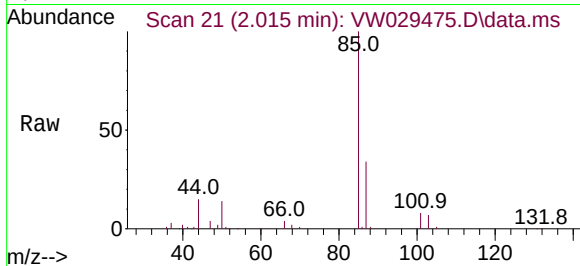




#2
Dichlorodifluoromethane
Concen: 17.490 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

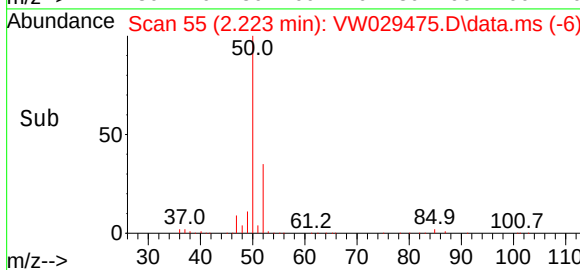
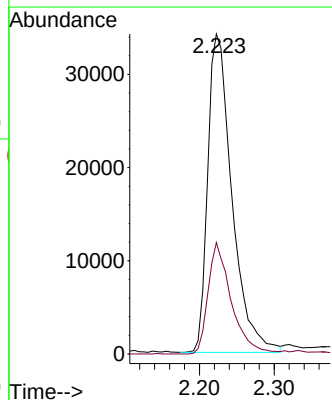
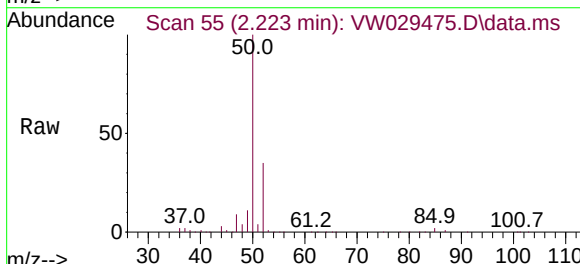
Instrument :
MSVOA_W
ClientSampleId :

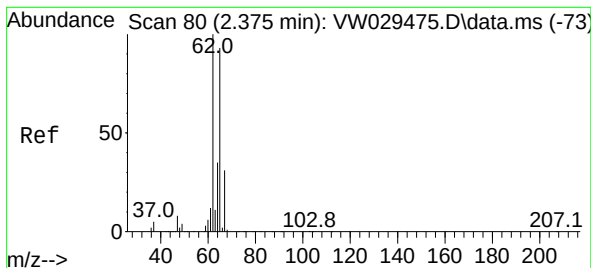
Tgt Ion: 85 Resp: 45108
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1



#3
Chloromethane
Concen: 20.415 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Tgt Ion: 50 Resp: 76843
Ion Ratio Lower Upper
50 100
52 34.8 24.4 45.2





#5

Vinyl chloride

Concen: 20.818 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

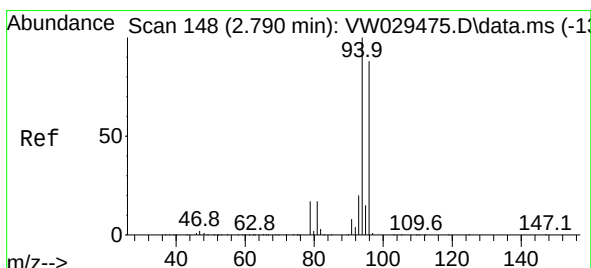
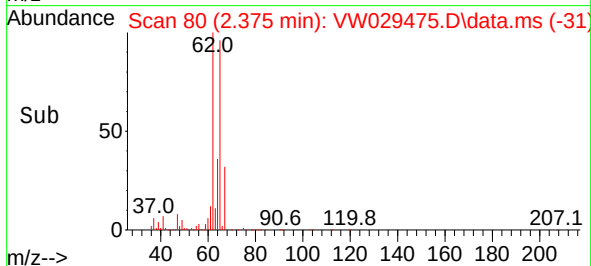
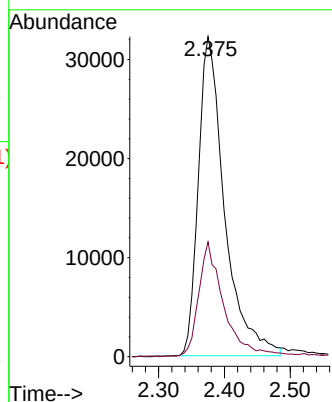
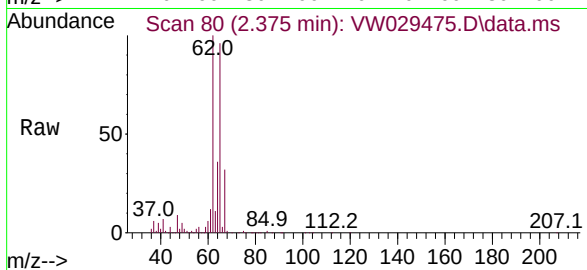
ClientSampleId :

Tgt Ion: 62 Resp: 89336

Ion Ratio Lower Upper

62 100

64 35.8 25.1 46.5



#6

Bromomethane

Concen: 21.216 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW029475.D

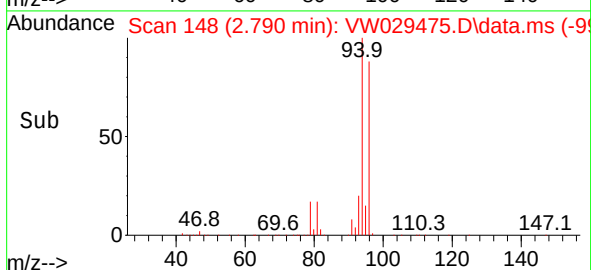
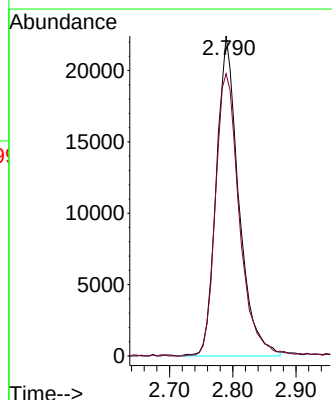
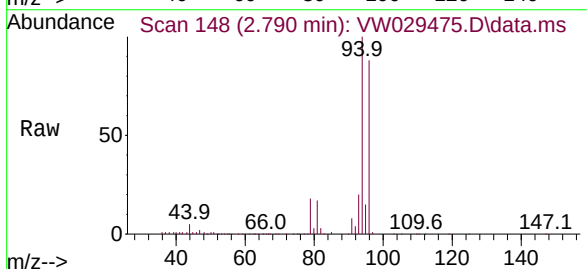
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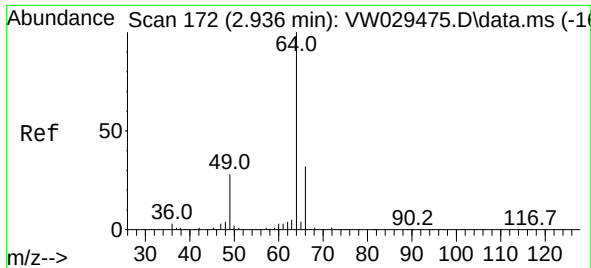
Tgt Ion: 94 Resp: 55031

Ion Ratio Lower Upper

94 100

96 88.2 61.7 114.7

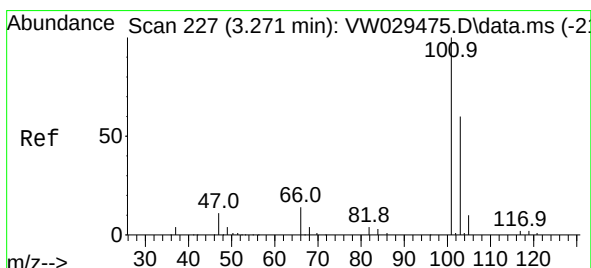
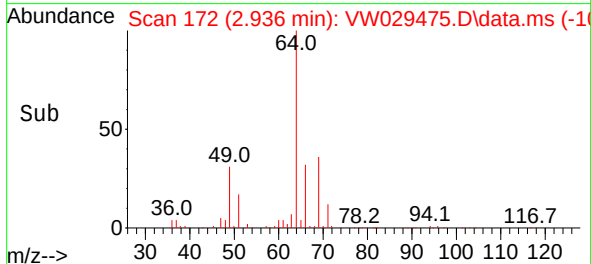
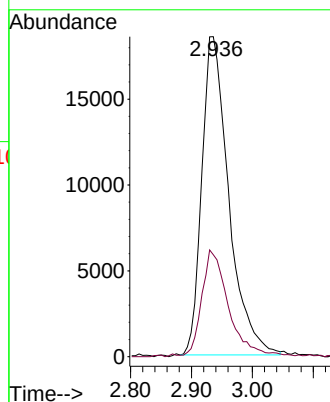
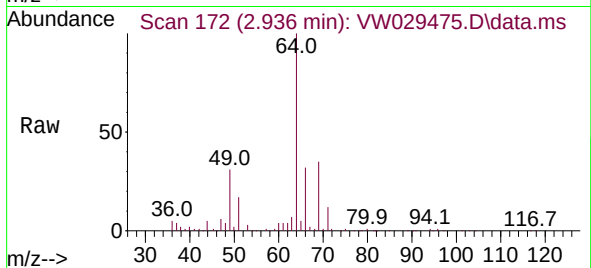




#8
Chloroethane
Concen: 21.609 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

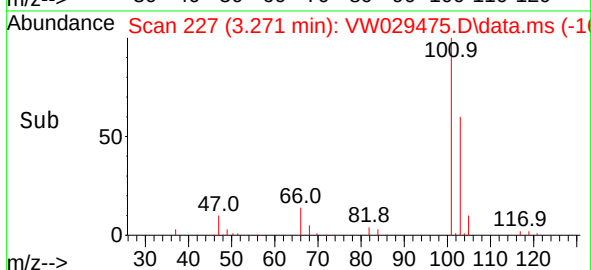
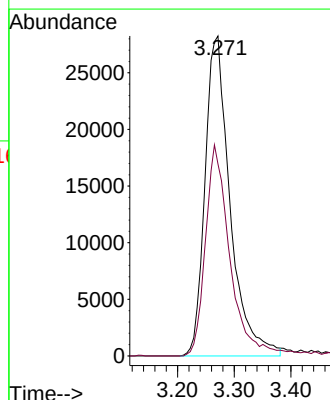
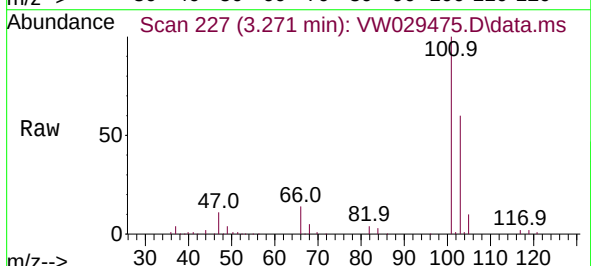
Instrument :
MSVOA_W
ClientSampleId :

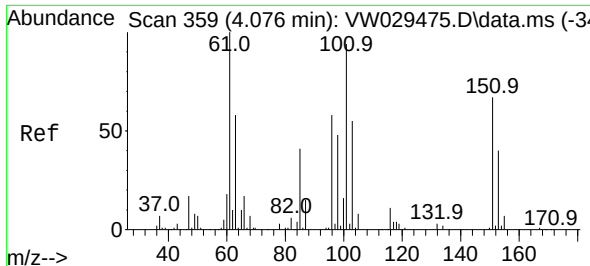
Tgt Ion: 64 Resp: 57052
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 25.383 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Tgt Ion:101 Resp: 86888
Ion Ratio Lower Upper
101 100
103 62.0 49.6 74.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.320 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

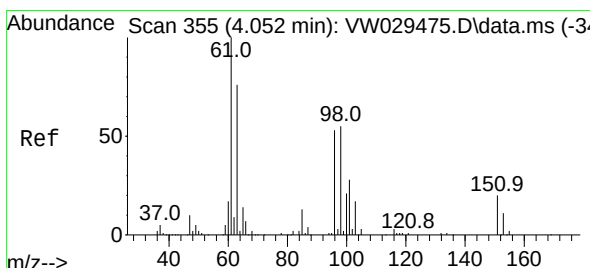
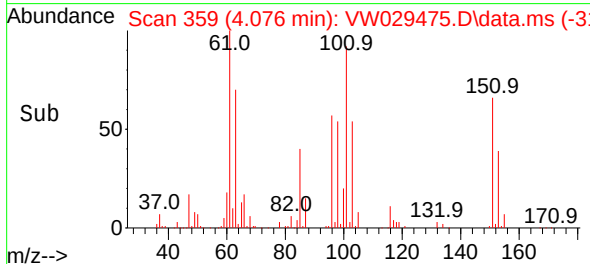
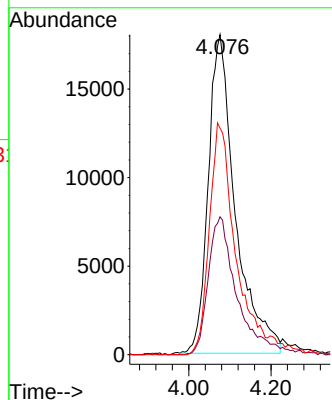
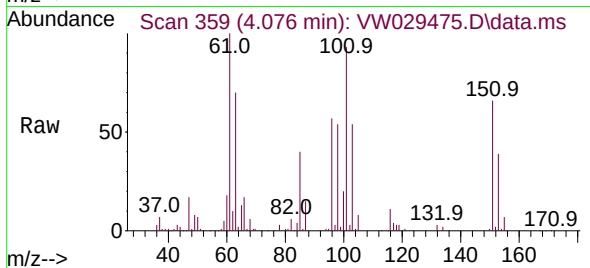
Tgt Ion:101 Resp: 82338

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.8

151 69.2 55.4 83.0



#12

1,1-Dichloroethene

Concen: 24.469 ug/L

RT: 4.052 min Scan# 355

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

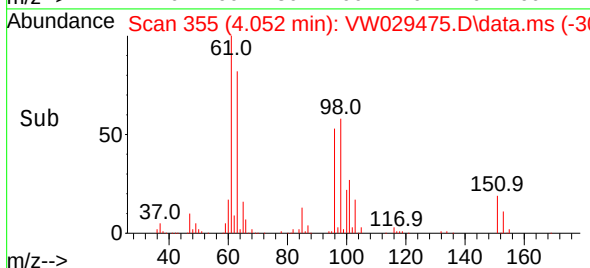
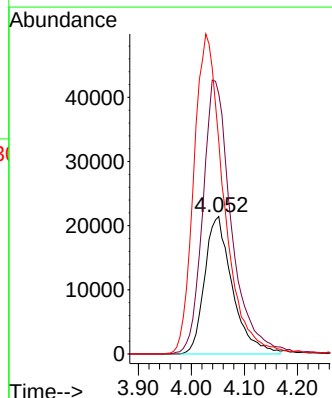
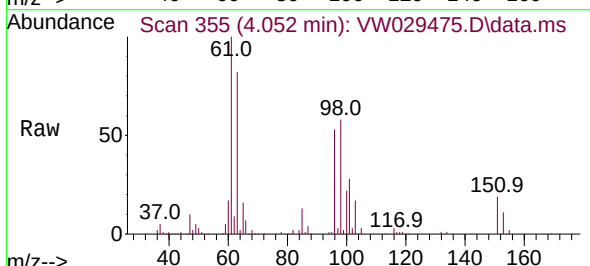
Tgt Ion: 96 Resp: 77903

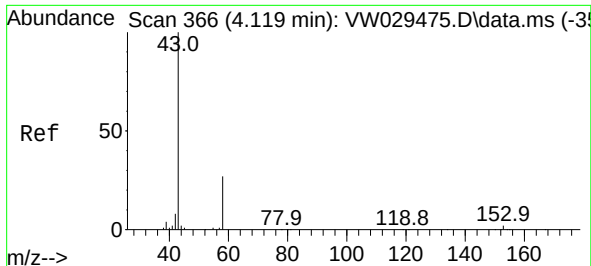
Ion Ratio Lower Upper

96 100

61 189.1 132.4 245.8

63 154.8 108.4 201.2





#13

Acetone

Concen: 61.928 ug/L

RT: 4.119 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

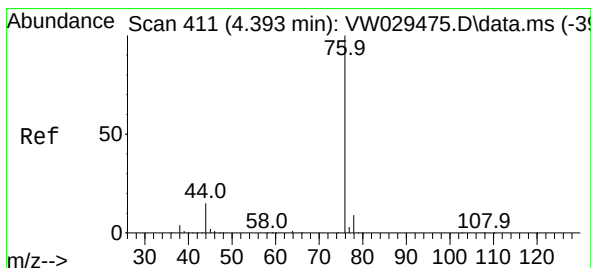
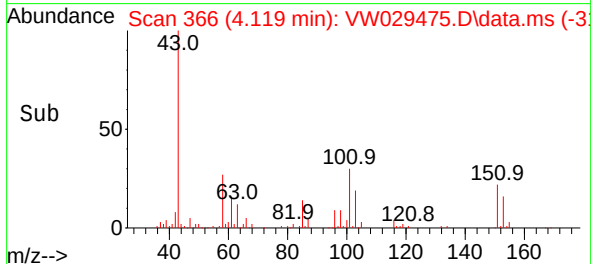
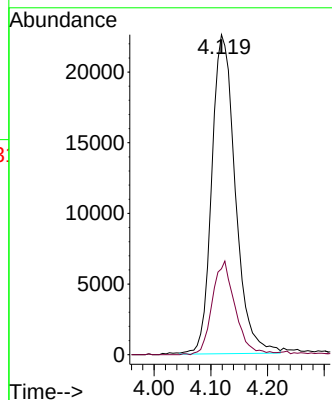
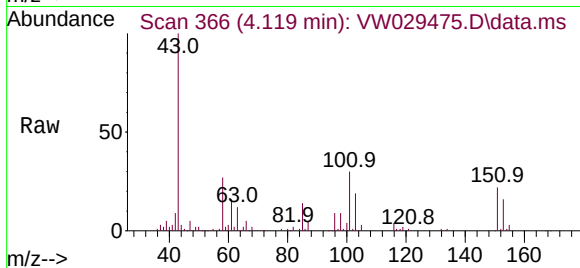
ClientSampleId :

Tgt Ion: 43 Resp: 65196

Ion Ratio Lower Upper

43 100

58 27.8 0.0 55.6



#14

Carbon disulfide

Concen: 24.477 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW029475.D

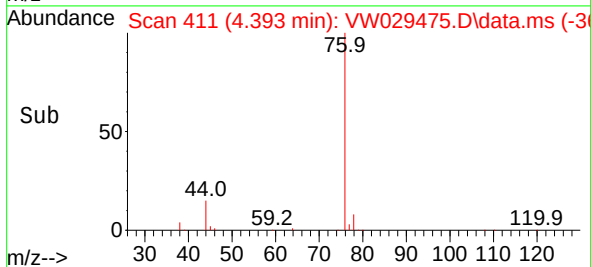
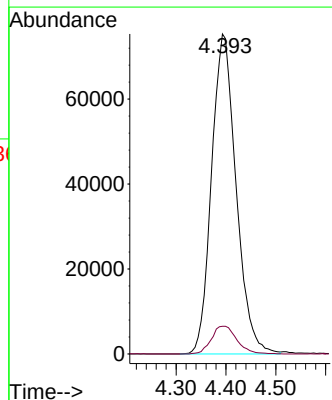
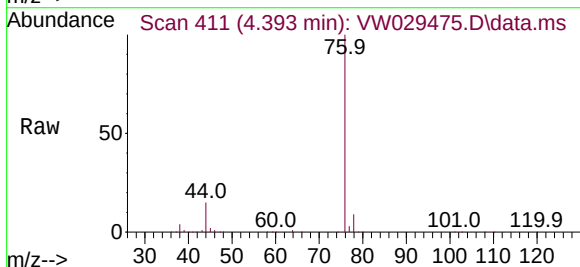
Acq: 08 Jul 2024 12:12

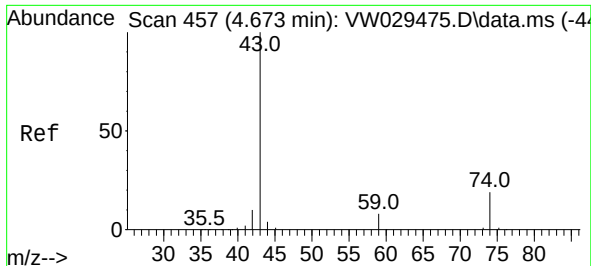
Tgt Ion: 76 Resp: 257743

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

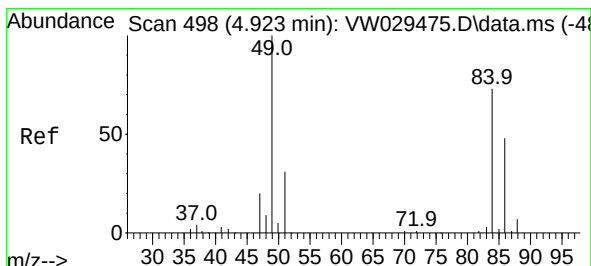
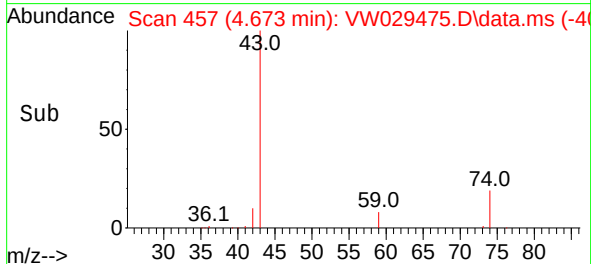
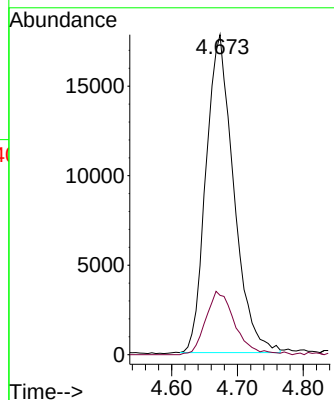
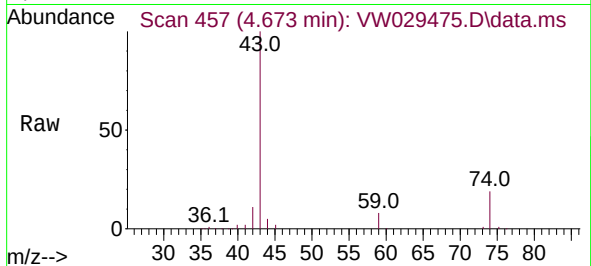




#15
Methyl Acetate
Concen: 26.352 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

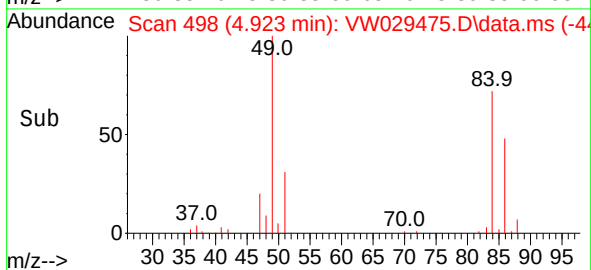
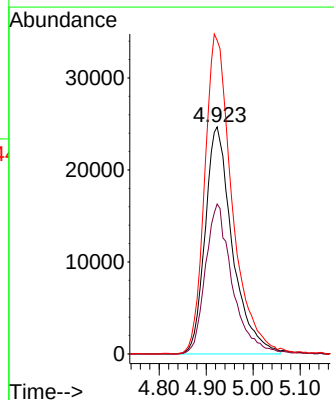
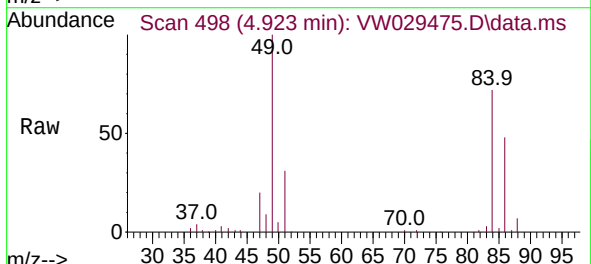
Instrument :
MSVOA_W
ClientSampleId :

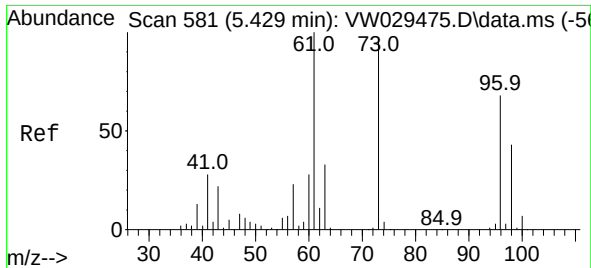
Tgt Ion: 43 Resp: 52146
Ion Ratio Lower Upper
43 100
74 20.3 16.2 24.4



#16
Methylene chloride
Concen: 20.655 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Tgt Ion: 84 Resp: 99278
Ion Ratio Lower Upper
84 100
86 66.0 46.2 85.8
49 138.2 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 24.909 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

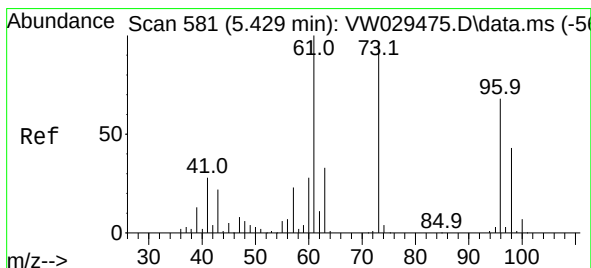
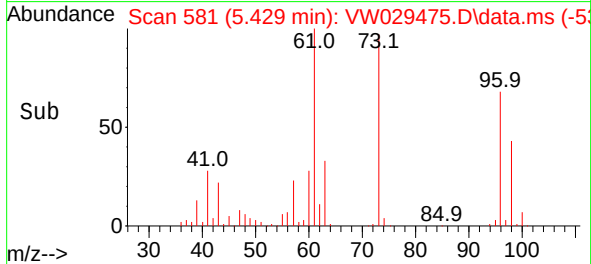
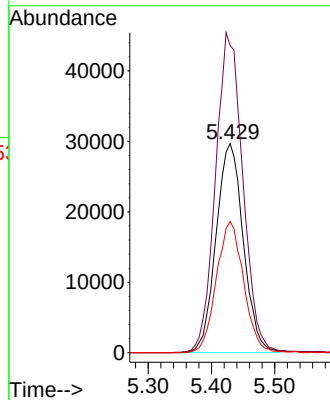
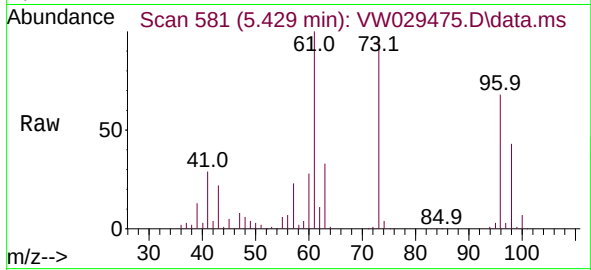
Tgt Ion: 96 Resp: 88805

Ion Ratio Lower Upper

96 100

61 147.0 102.9 191.1

98 62.7 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 25.970 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

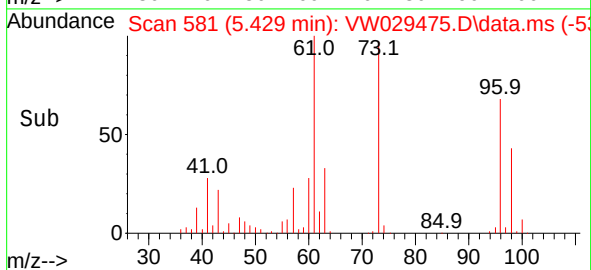
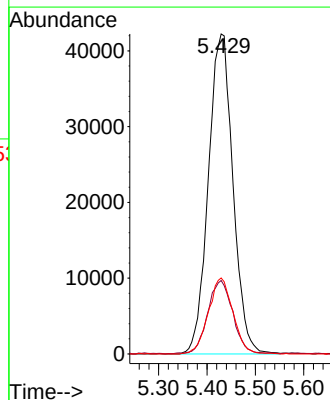
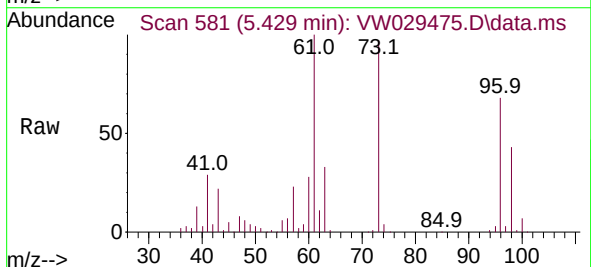
Tgt Ion: 73 Resp: 149191

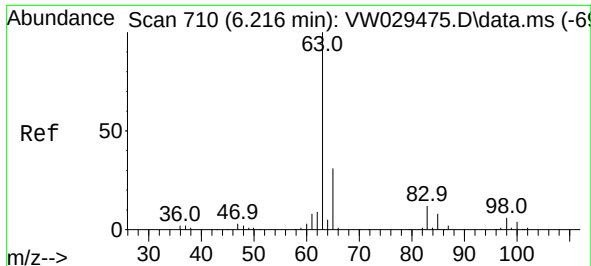
Ion Ratio Lower Upper

73 100

43 23.4 18.7 28.1

57 23.6 18.9 28.3

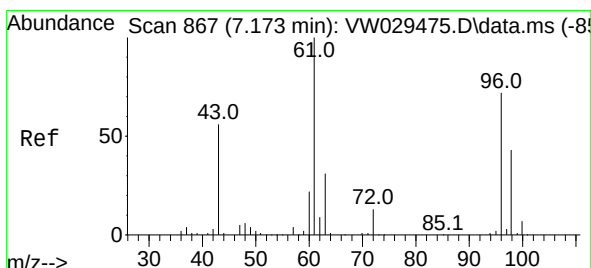
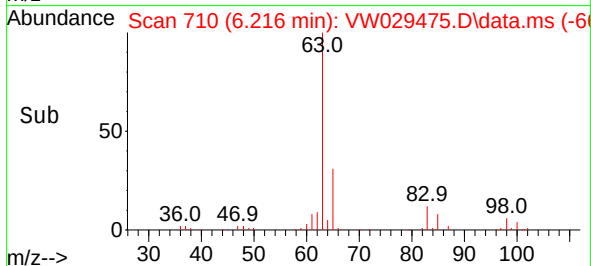
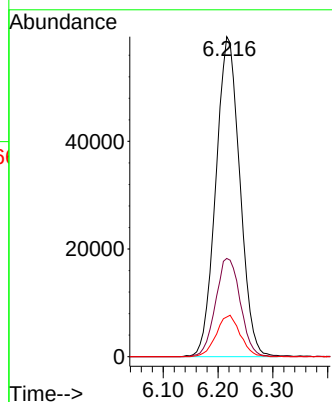
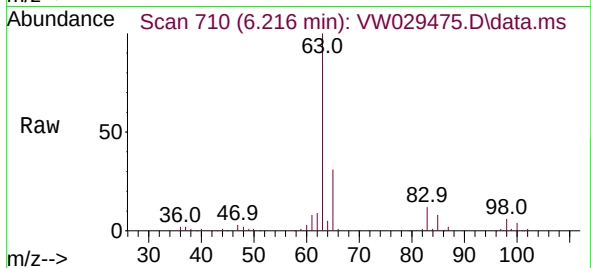




#19
1,1-Dichloroethane
Concen: 23.764 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

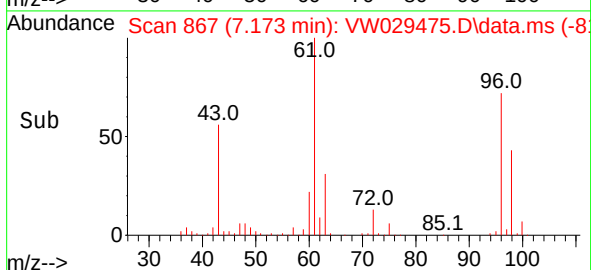
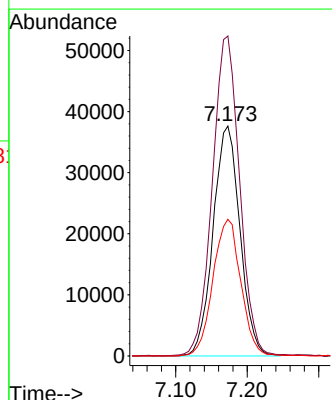
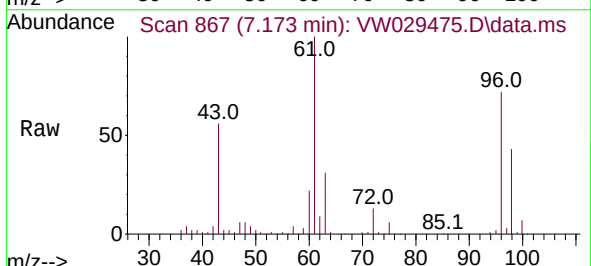
Instrument :
MSVOA_W
ClientSampleId :

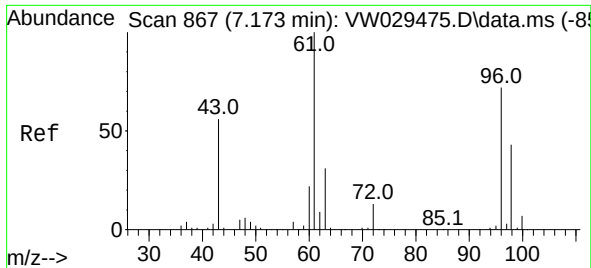
Tgt Ion: 63 Resp: 180642
Ion Ratio Lower Upper
63 100
65 30.7 21.5 39.9
83 12.4 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 24.996 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Tgt Ion: 96 Resp: 98133
Ion Ratio Lower Upper
96 100
61 139.1 97.4 180.8
98 59.4 41.6 77.2

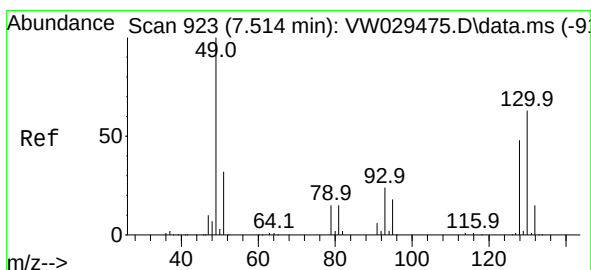
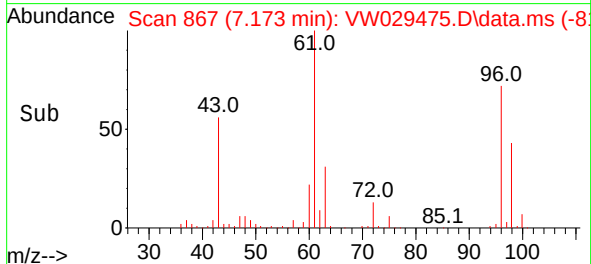
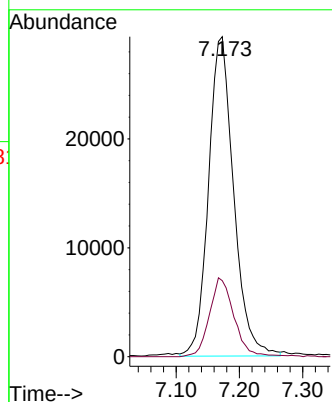
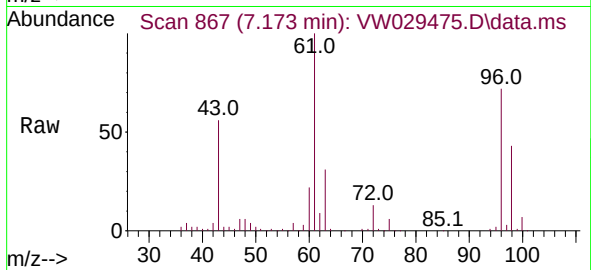




#22
2-Butanone
Concen: 57.941 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

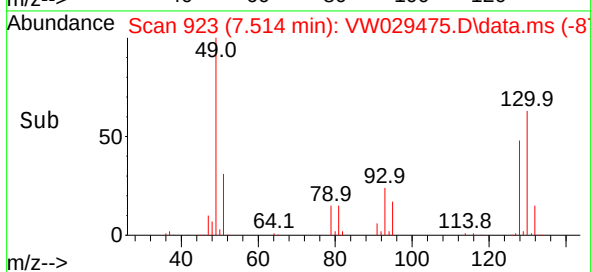
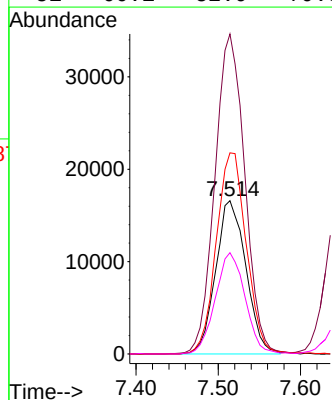
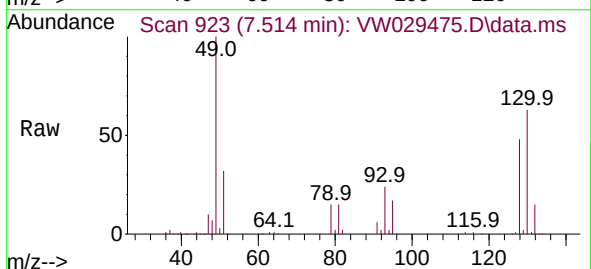
Instrument :
MSVOA_W
ClientSampleId :

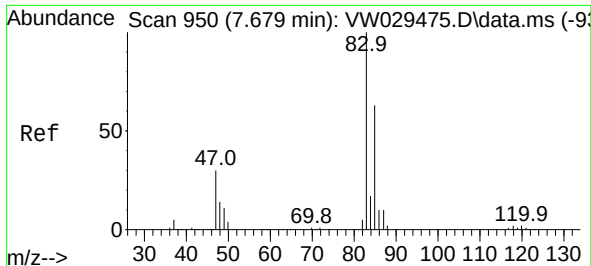
Tgt Ion: 43 Resp: 80981
Ion Ratio Lower Upper
43 100
72 24.1 12.0 36.1



#23
Bromochloromethane
Concen: 24.290 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Tgt Ion: 128 Resp: 42353
Ion Ratio Lower Upper
128 100
49 208.8 146.2 271.4
130 131.3 91.9 170.7
51 66.1 52.9 79.3





#25

Chloroform

Concen: 23.713 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

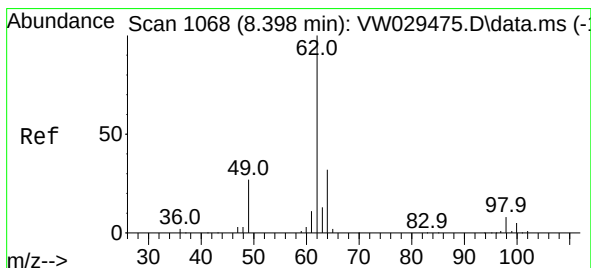
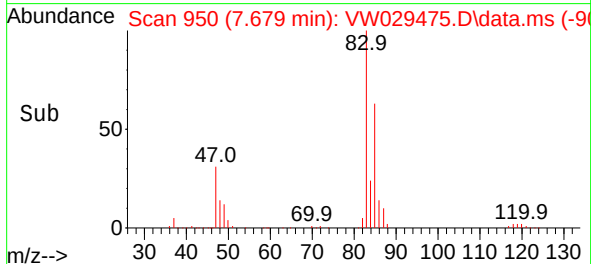
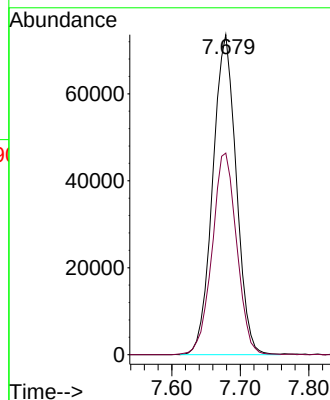
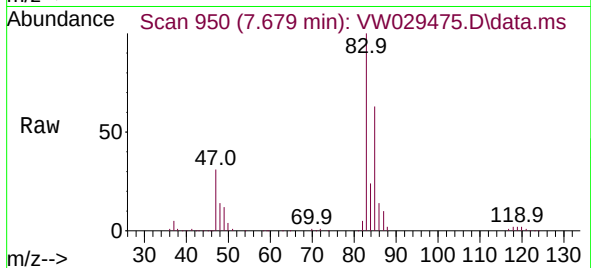
ClientSampleId :

Tgt Ion: 83 Resp: 175221

Ion Ratio Lower Upper

83 100

85 63.0 44.1 81.9



#27

1,2-Dichloroethane

Concen: 24.028 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029475.D

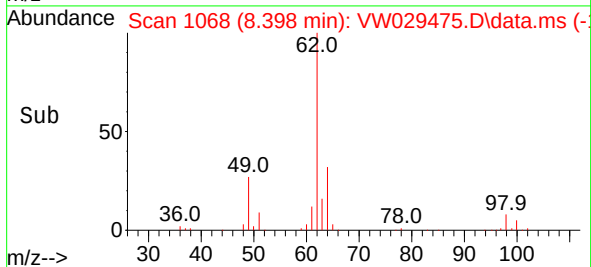
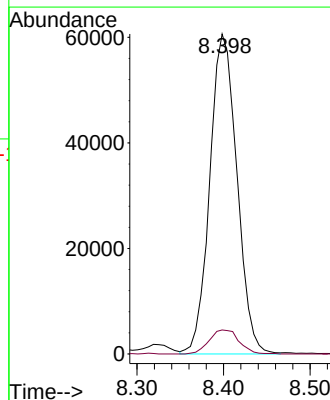
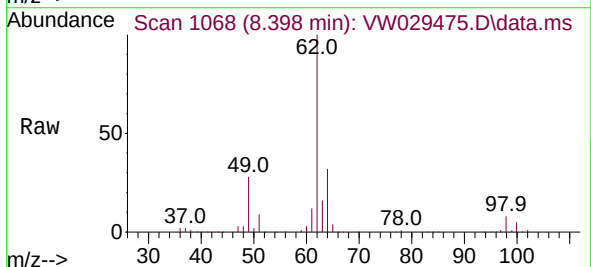
Acq: 08 Jul 2024 12:12

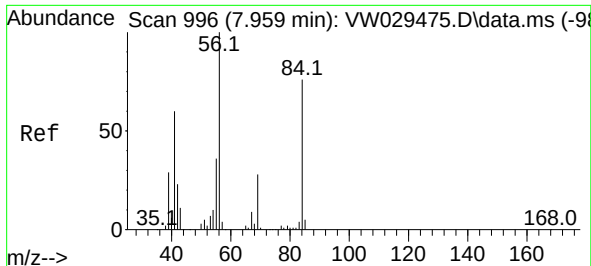
Tgt Ion: 62 Resp: 132324

Ion Ratio Lower Upper

62 100

98 7.5 6.0 9.0





#29

Cyclohexane

Concen: 26.301 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

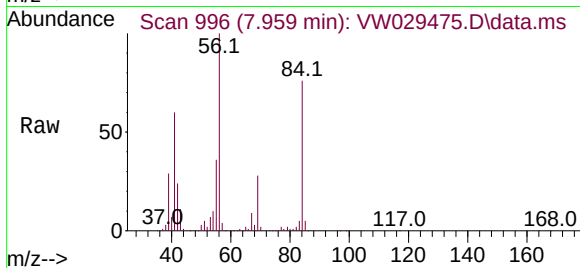
Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

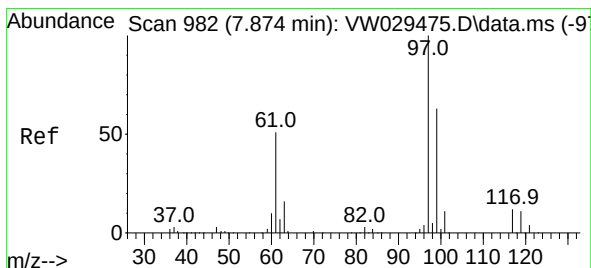
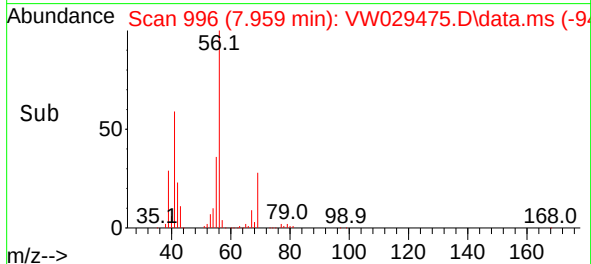
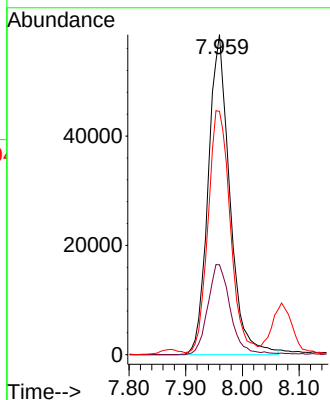
ClientSampleId :



Tgt Ion: 56 Resp: 154489

Ion Ratio Lower Upper

56	100		
69	29.1	23.3	34.9
84	78.9	63.1	94.7



#30

1,1,1-Trichloroethane

Concen: 24.380 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

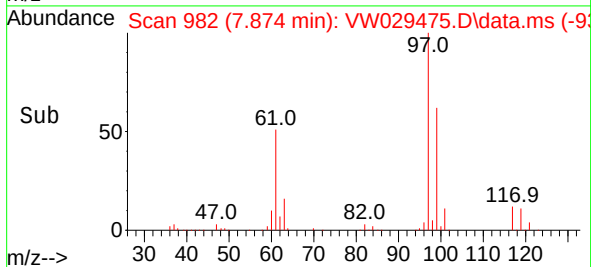
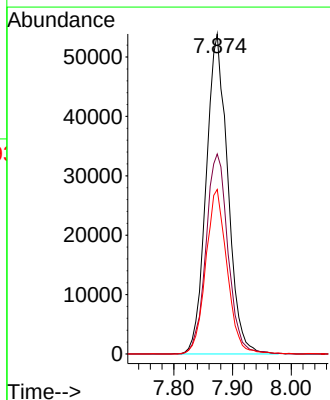
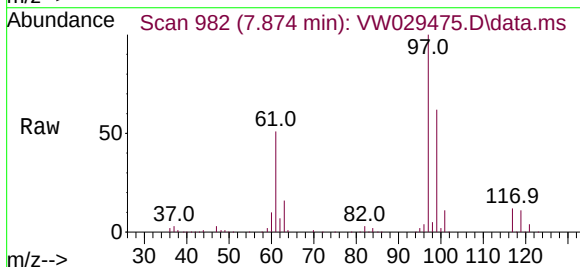
Lab File: VW029475.D

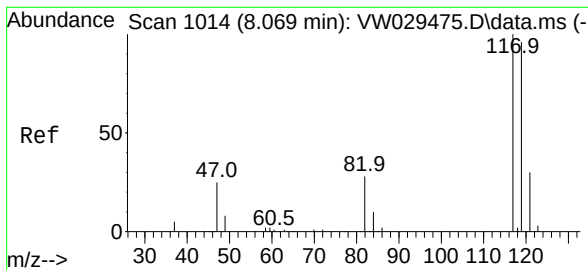
Acq: 08 Jul 2024 12:12

Tgt Ion: 97 Resp: 137690

Ion Ratio Lower Upper

97	100		
99	63.9	51.1	76.7
61	50.8	40.6	61.0

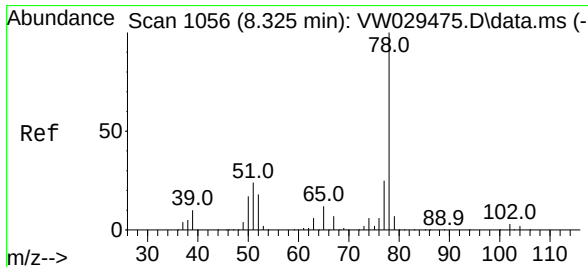
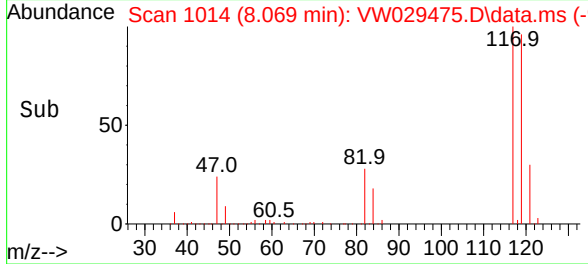
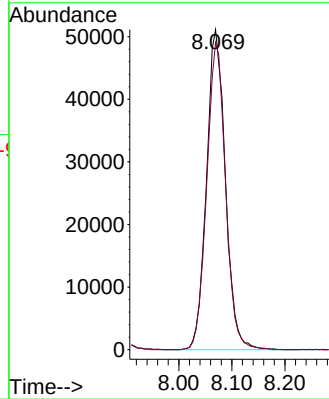
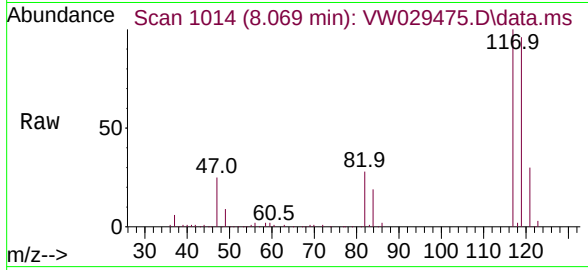




#31
Carbon tetrachloride
Concen: 24.426 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

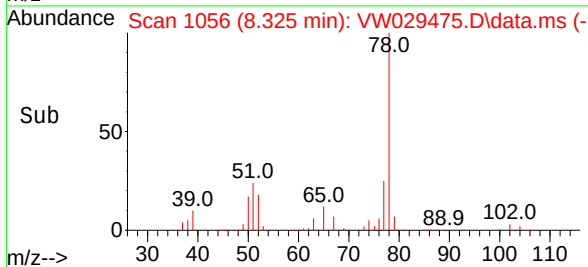
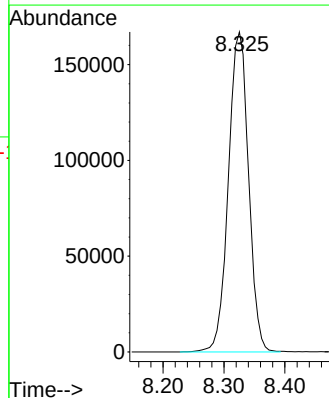
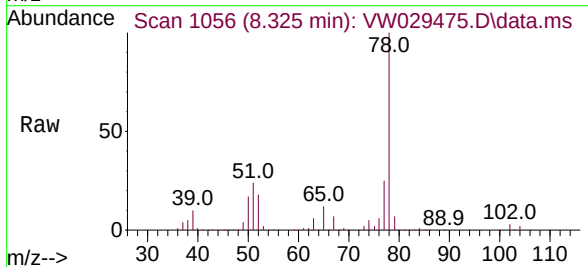
Instrument :
MSVOA_W
ClientSampleId :

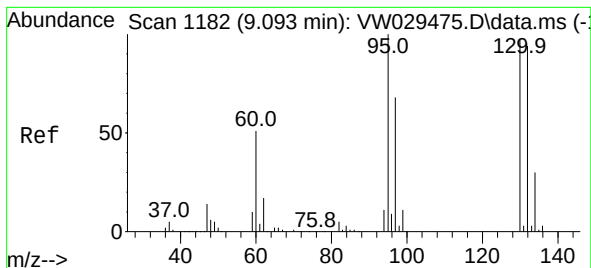
Tgt Ion:117 Resp: 126037
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 25.193 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Tgt Ion: 78 Resp: 383559





#34

Trichloroethene

Concen: 24.488 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 99883

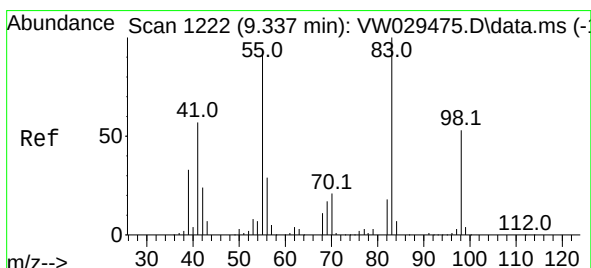
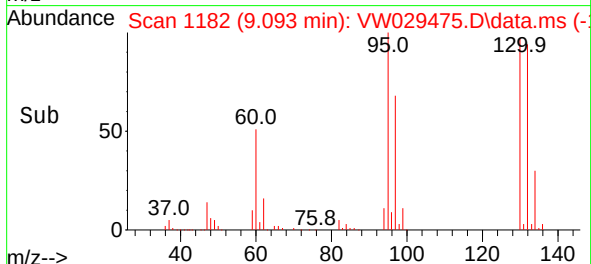
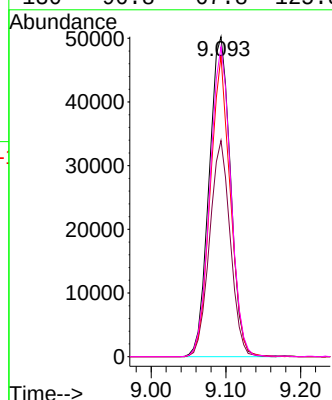
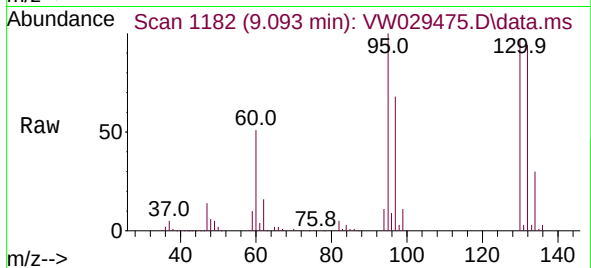
Ion Ratio Lower Upper

95 100

97 67.6 47.3 87.9

132 94.0 65.8 122.2

130 96.8 67.8 125.8



#35

Methylcyclohexane

Concen: 25.681 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

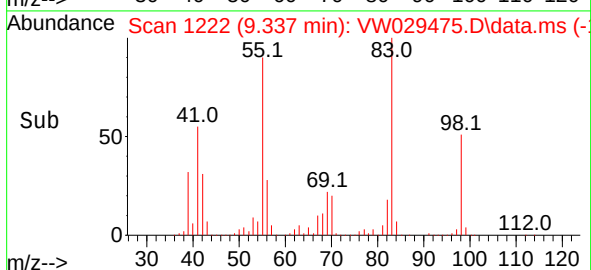
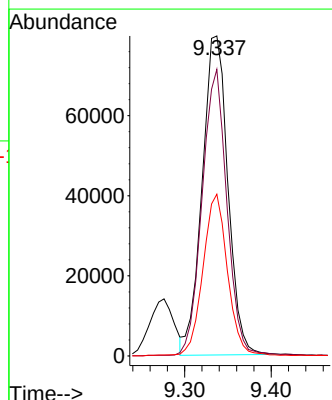
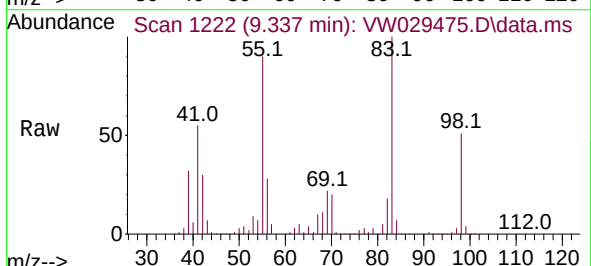
Tgt Ion: 83 Resp: 164761

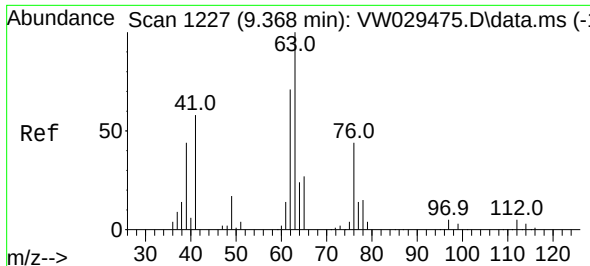
Ion Ratio Lower Upper

83 100

55 87.0 69.6 104.4

98 47.9 38.3 57.5

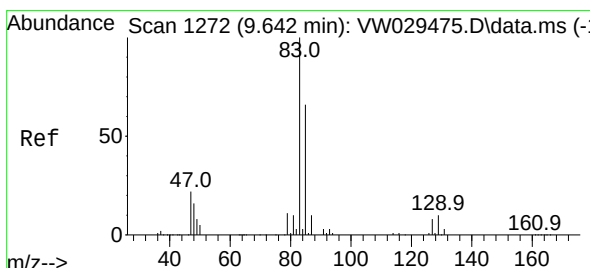
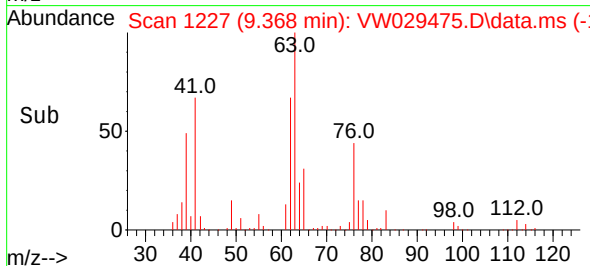
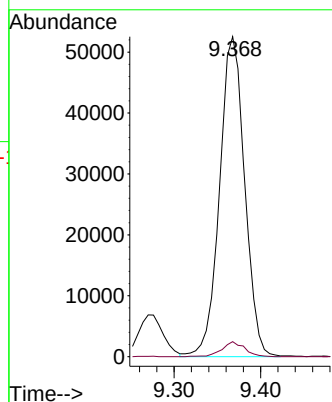
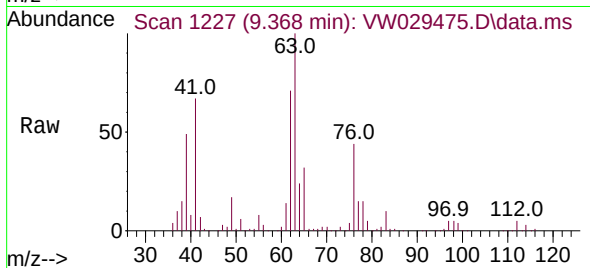




#37
1,2-Dichloropropane
Concen: 24.729 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

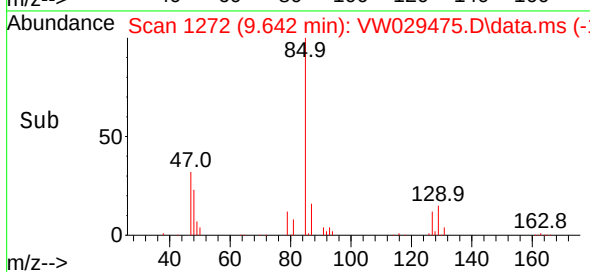
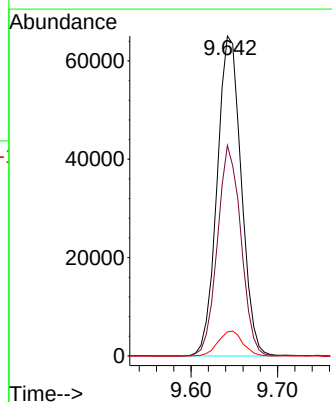
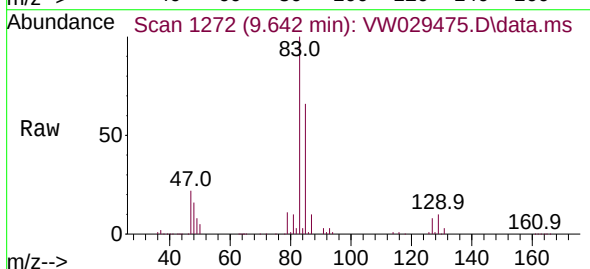
Instrument :
MSVOA_W
ClientSampleId :

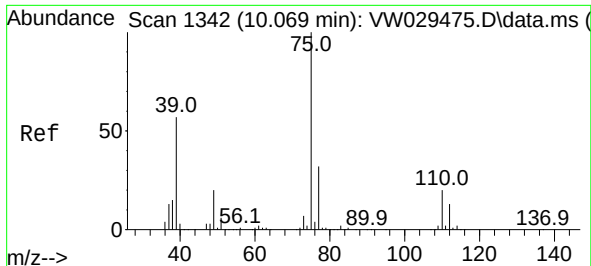
Tgt Ion: 63 Resp: 105781
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 24.129 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Tgt Ion: 83 Resp: 125962
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.5
127 7.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.355 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

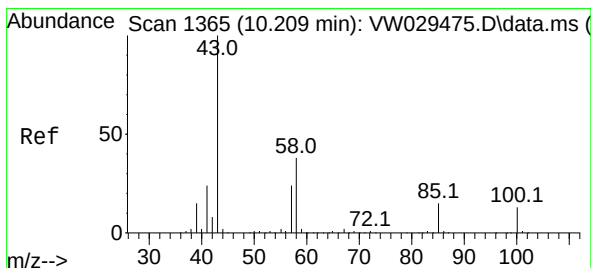
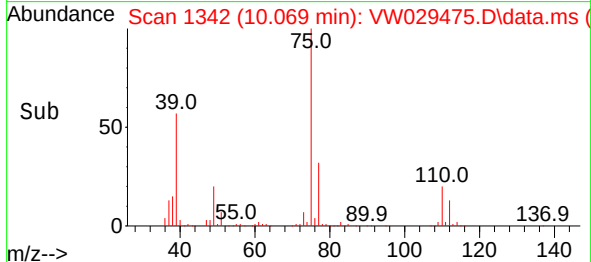
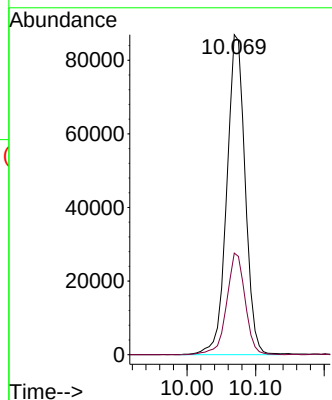
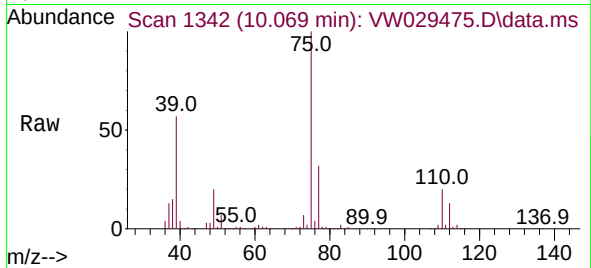
ClientSampleId :

Tgt Ion: 75 Resp: 161587

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 54.204 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

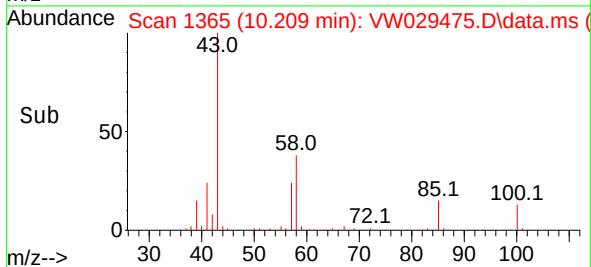
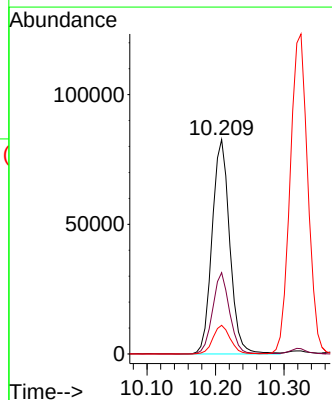
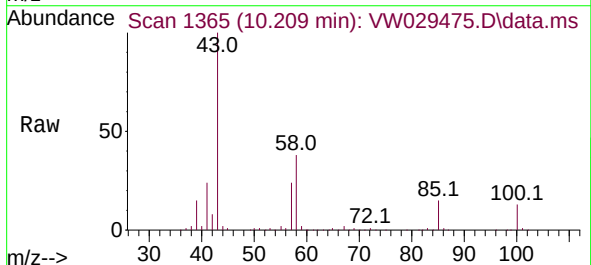
Tgt Ion: 43 Resp: 148131

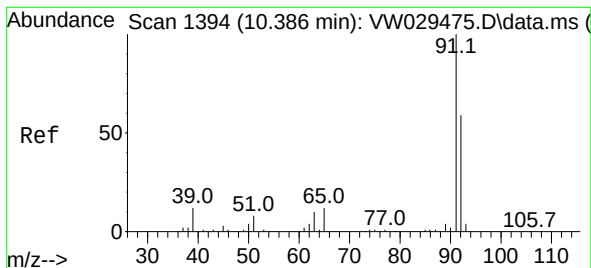
Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.6

100 13.1 10.5 15.7





#42

Toluene

Concen: 25.807 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

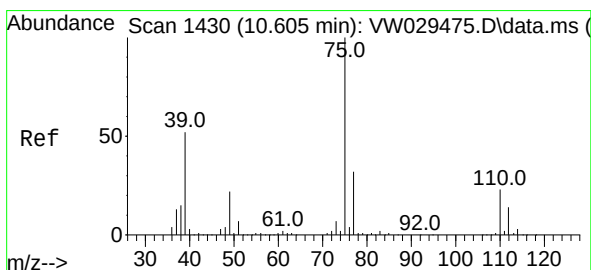
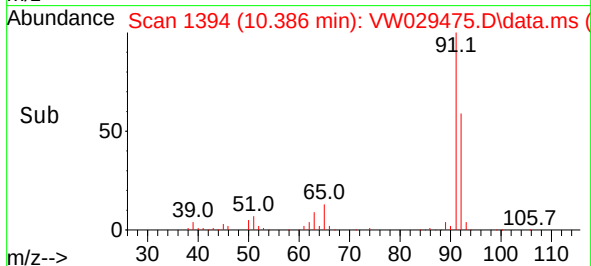
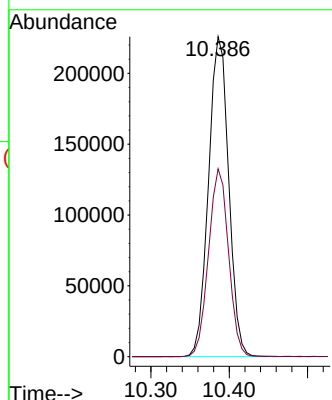
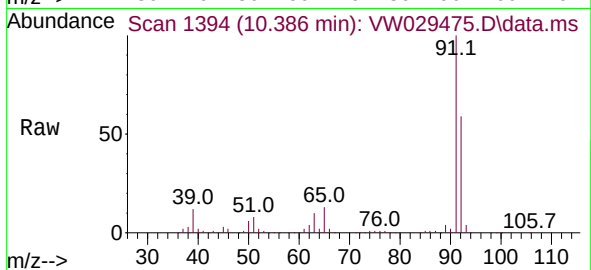
ClientSampleId :

Tgt Ion: 91 Resp: 403727

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 26.509 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029475.D

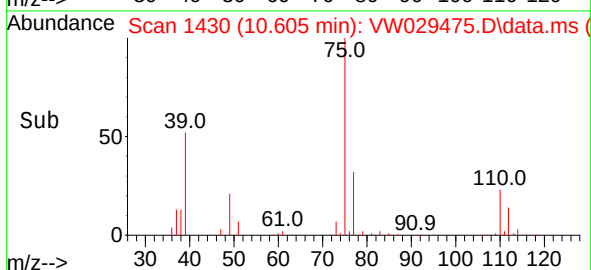
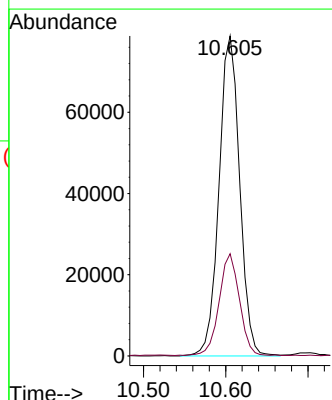
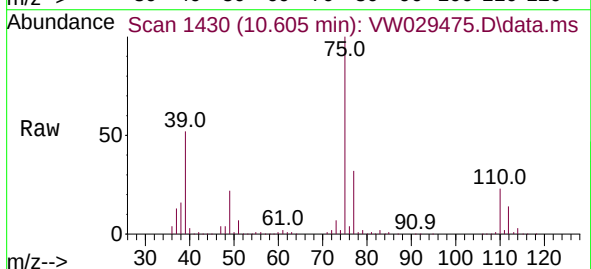
Acq: 08 Jul 2024 12:12

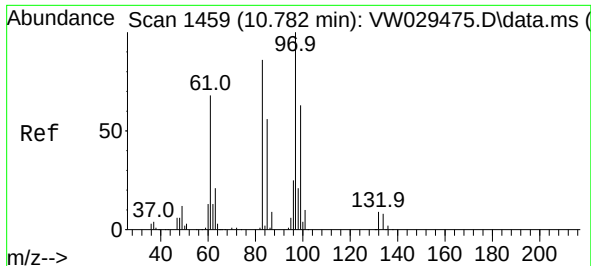
Tgt Ion: 75 Resp: 137831

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 25.043 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 75409

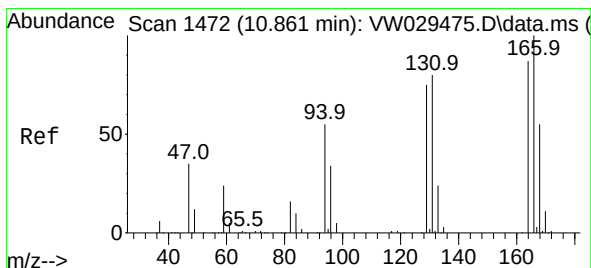
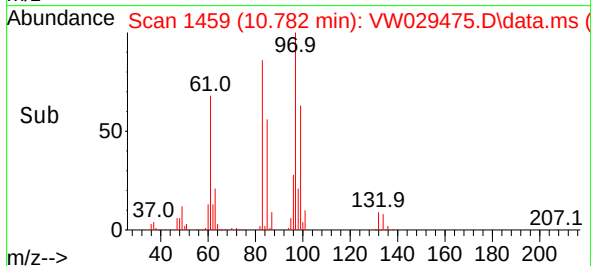
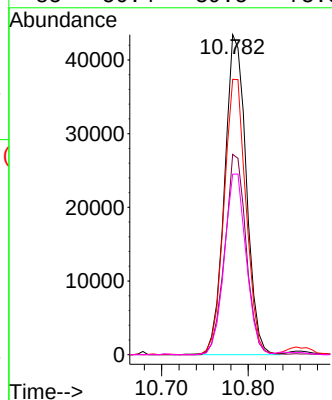
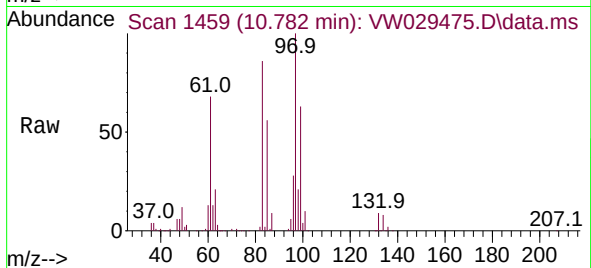
Ion Ratio Lower Upper

97 100

99 62.6 43.8 81.4

83 86.1 60.3 111.9

85 56.4 39.5 73.3



#46

Tetrachloroethene

Concen: 25.389 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Tgt Ion:164 Resp: 73015

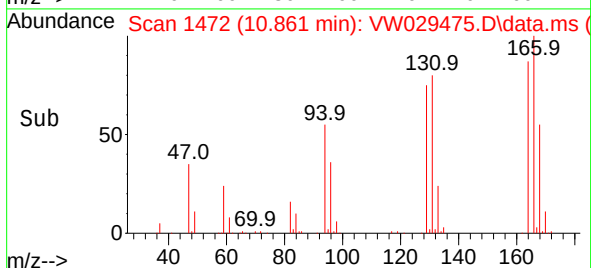
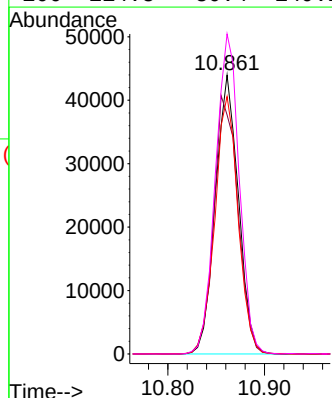
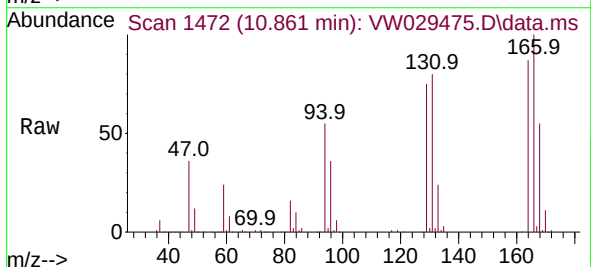
Ion Ratio Lower Upper

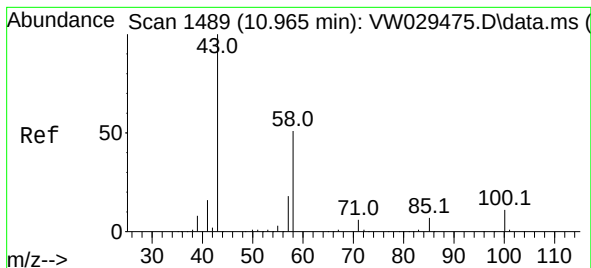
164 100

129 85.7 60.0 111.4

131 92.3 64.6 120.0

166 114.8 80.4 149.2





#48

2-Hexanone

Concen: 58.677 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 115430

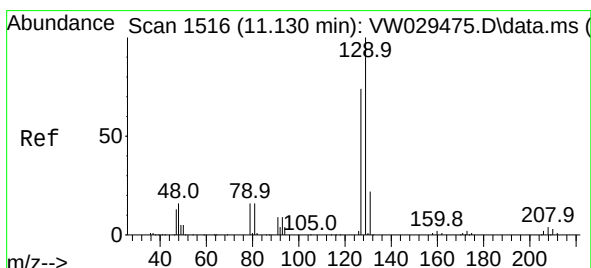
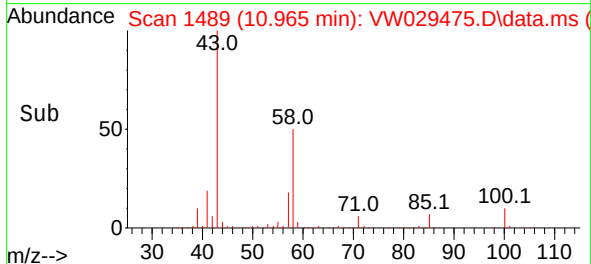
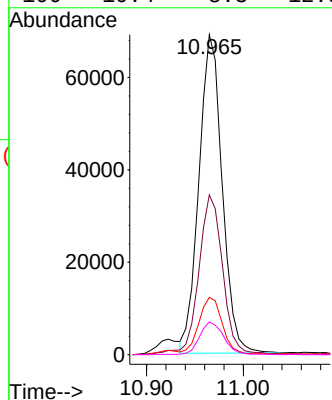
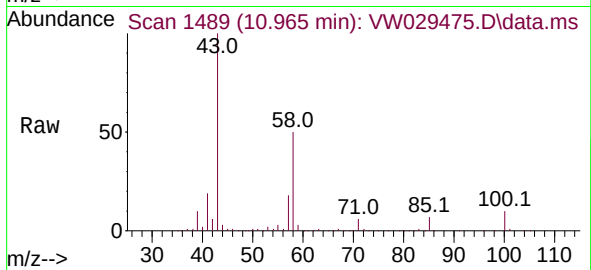
Ion Ratio Lower Upper

43 100

58 49.8 39.8 59.8

57 18.2 14.6 21.8

100 10.4 8.3 12.5



#49

Dibromochloromethane

Concen: 25.232 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW029475.D

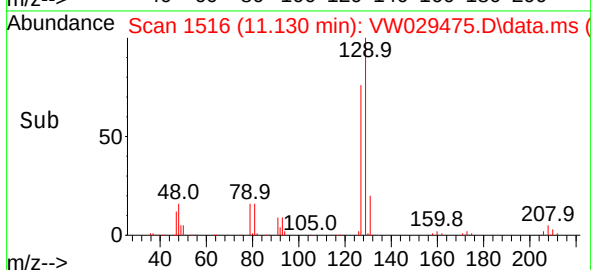
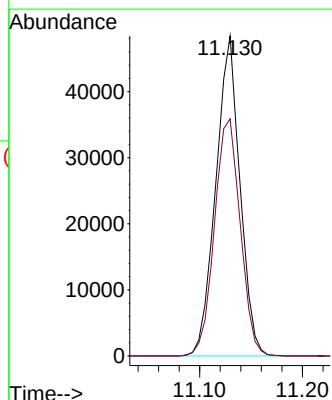
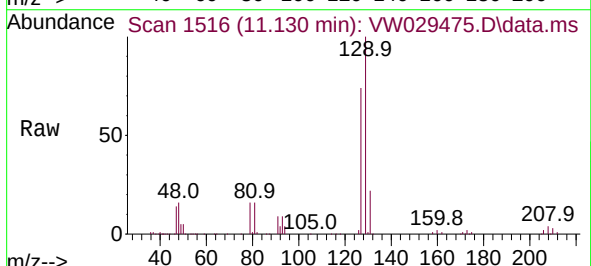
Acq: 08 Jul 2024 12:12

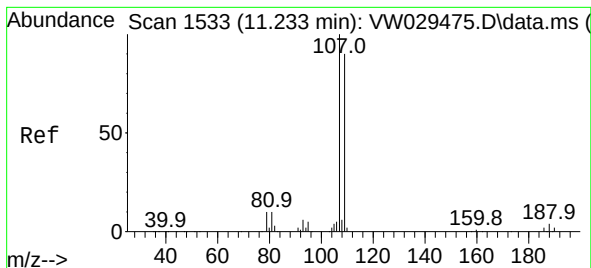
Tgt Ion:129 Resp: 78970

Ion Ratio Lower Upper

129 100

127 74.1 51.9 96.3





#50

1,2-Dibromoethane

Concen: 25.980 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029475.D

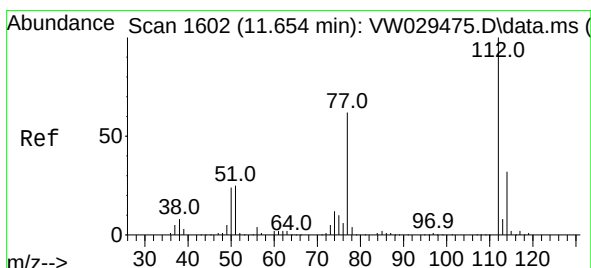
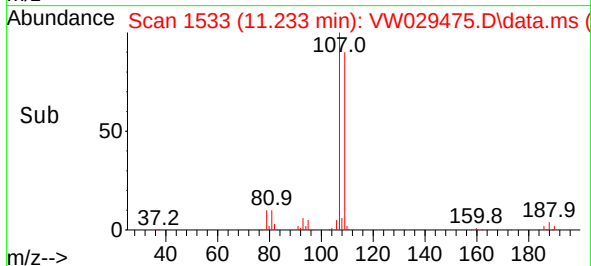
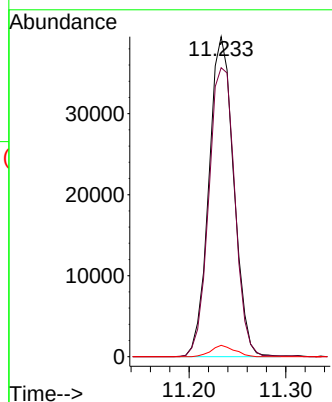
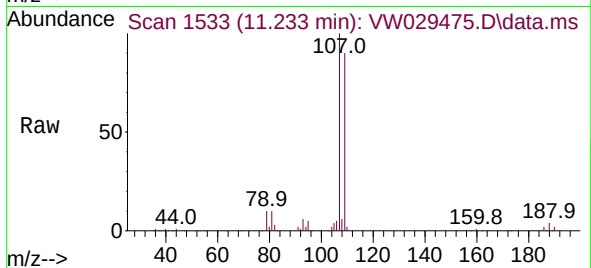
Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	70600
Ion	Ratio	Lower	Upper
107	100		
109	90.3	63.2	117.4
188	3.6	2.9	4.3



#51

Chlorobenzene

Concen: 24.194 ug/L

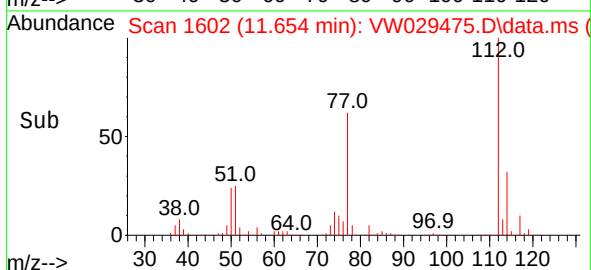
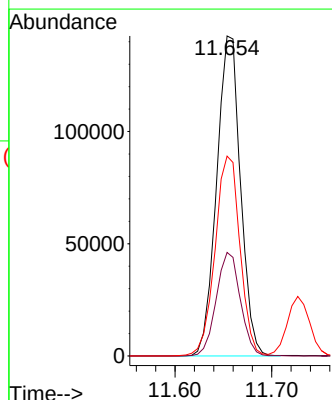
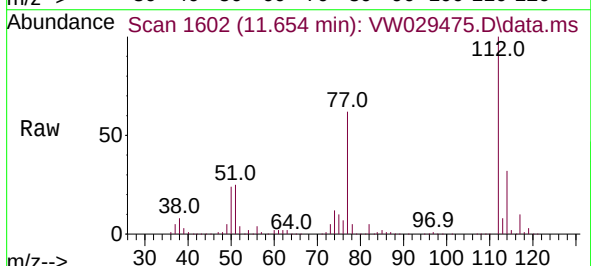
RT: 11.654 min Scan# 1602

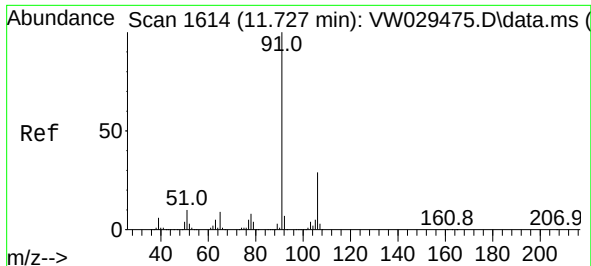
Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Tgt Ion:	112	Resp:	244549
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	62.4	49.9	74.9





#52

Ethylbenzene

Concen: 26.055 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

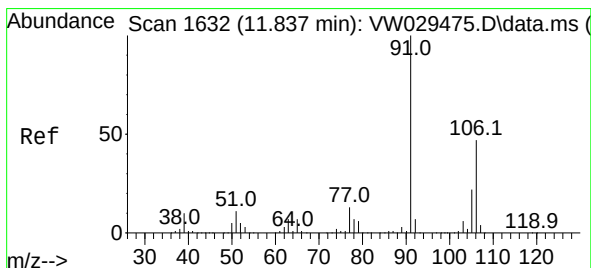
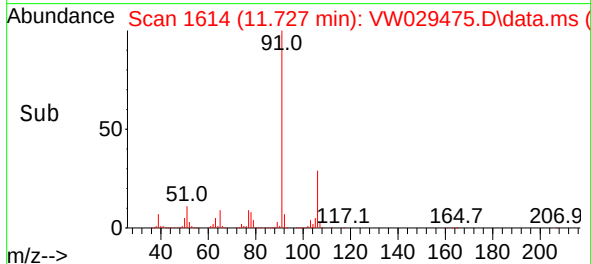
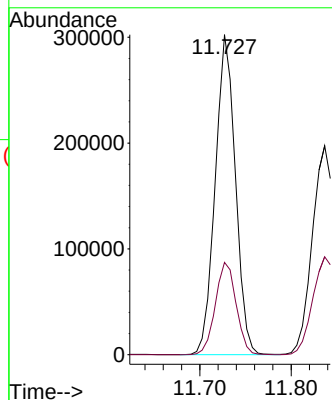
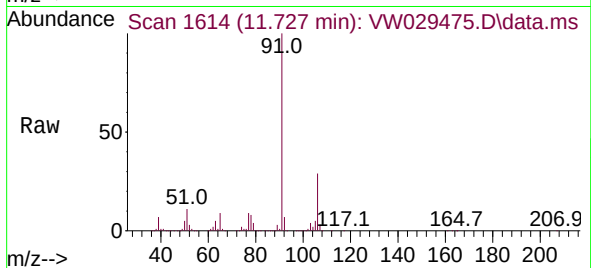
ClientSampleId :

Tgt Ion: 91 Resp: 464428

Ion Ratio Lower Upper

91 100

106 28.9 20.2 37.6



#53

m,p-Xylene

Concen: 26.138 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029475.D

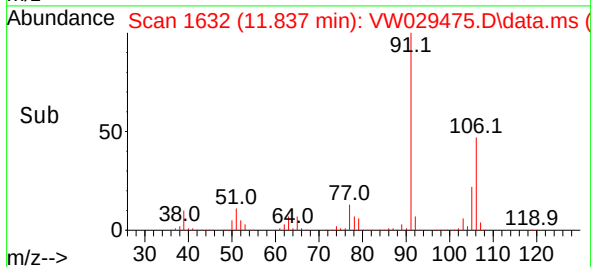
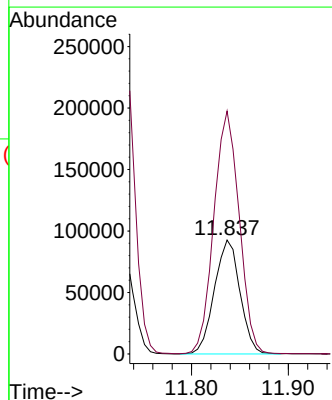
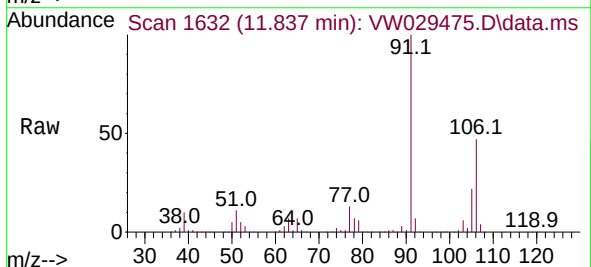
Acq: 08 Jul 2024 12:12

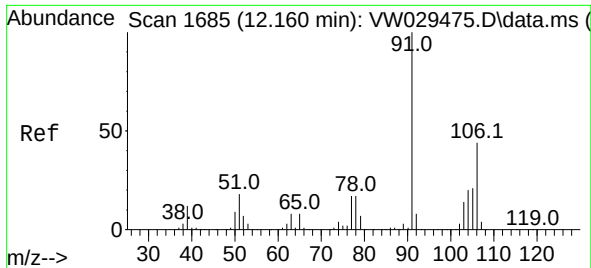
Tgt Ion:106 Resp: 170099

Ion Ratio Lower Upper

106 100

91 213.3 149.3 277.3





#54

o-Xylene

Concen: 26.150 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

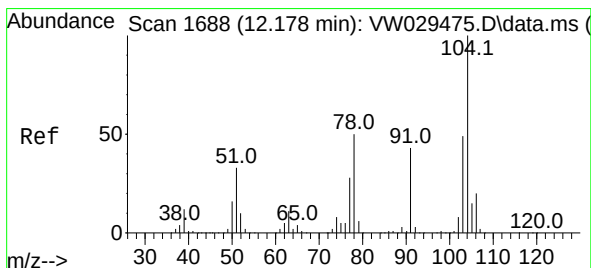
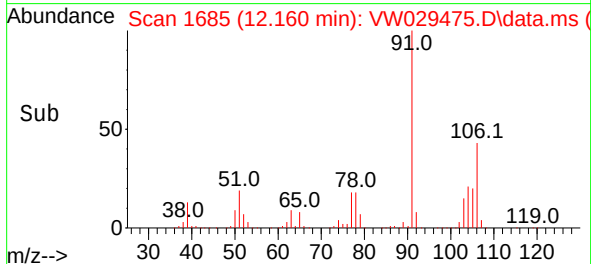
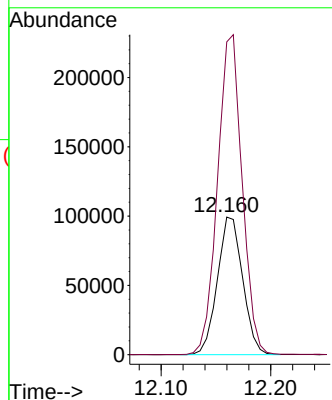
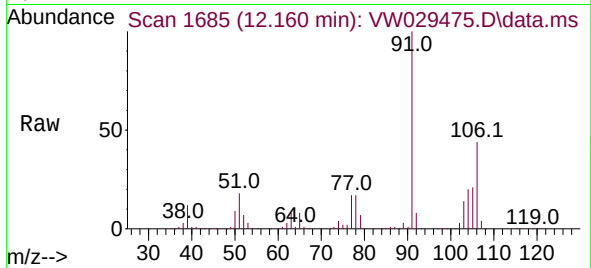
ClientSampleId :

Tgt Ion:106 Resp: 159212

Ion Ratio Lower Upper

106 100

91 227.4 159.2 295.6



#55

Styrene

Concen: 26.142 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029475.D

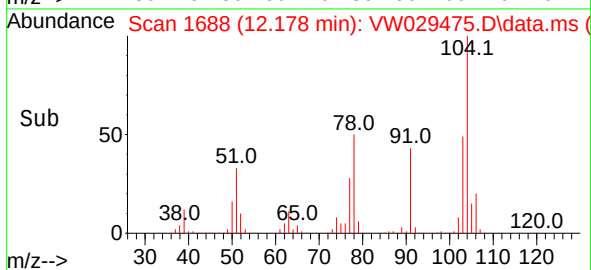
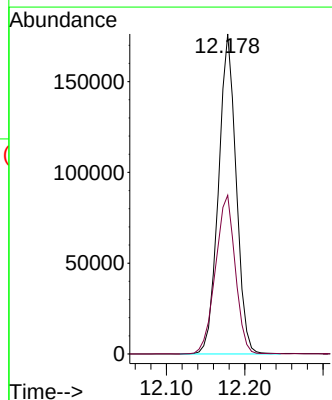
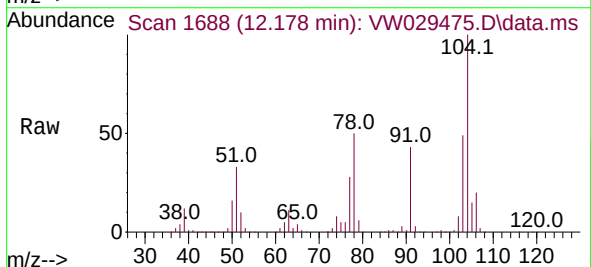
Acq: 08 Jul 2024 12:12

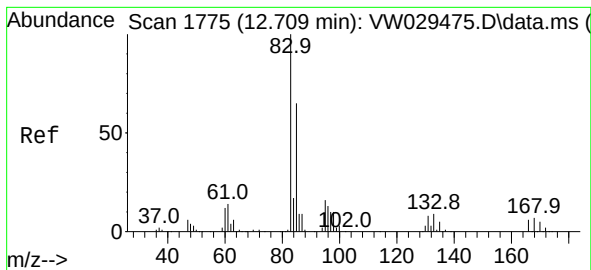
Tgt Ion:104 Resp: 276528

Ion Ratio Lower Upper

104 100

78 49.6 34.7 64.5

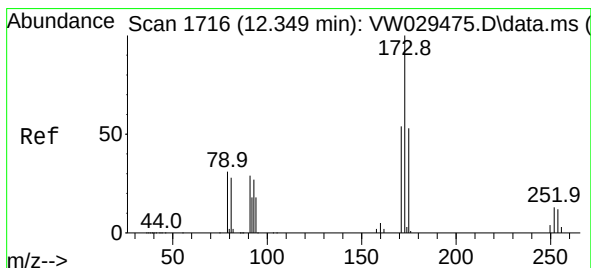
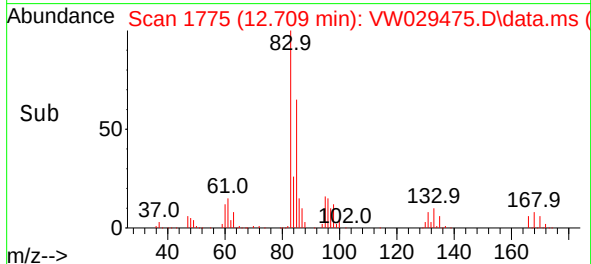
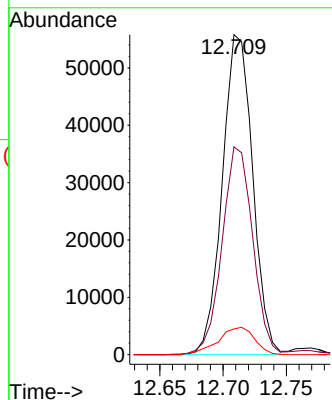
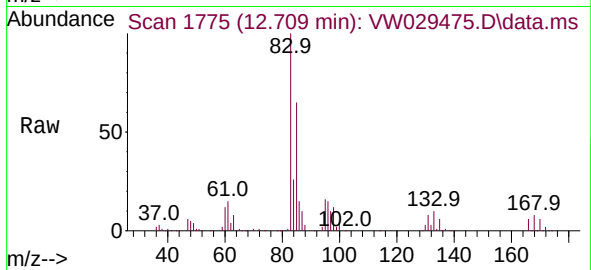




#57
1,1,2-Tetrachloroethane
Concen: 25.045 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

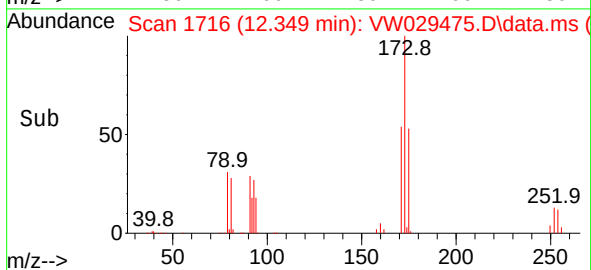
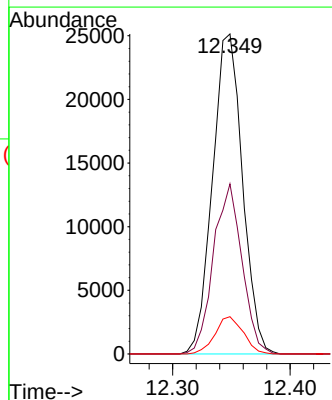
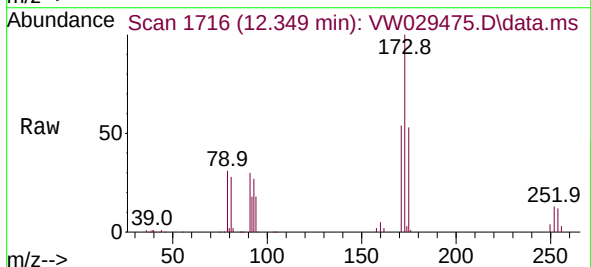
Instrument :
MSVOA_W
ClientSampleId :

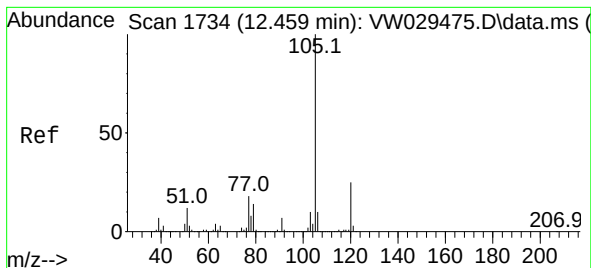
Tgt Ion: 83 Resp: 93210
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4
131 8.0 6.4 9.6



#59
Bromoform
Concen: 25.059 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Tgt Ion:173 Resp: 44583
Ion Ratio Lower Upper
173 100
175 50.5 40.4 60.6
254 11.0 8.8 13.2





#60

Isopropylbenzene

Concen: 25.881 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

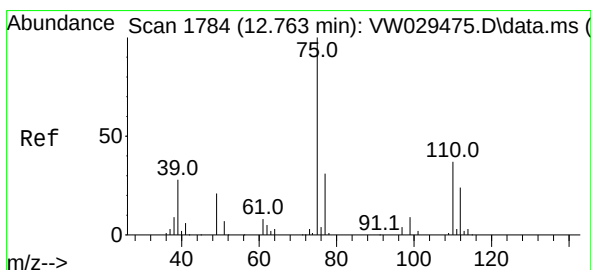
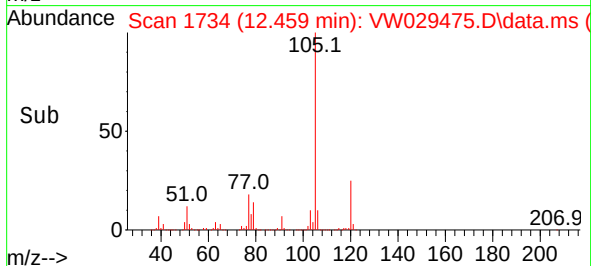
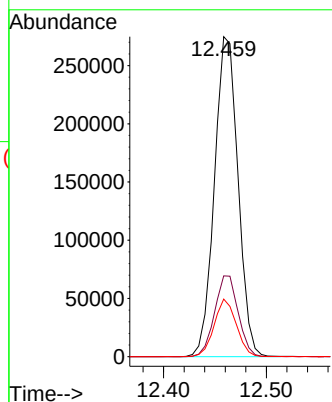
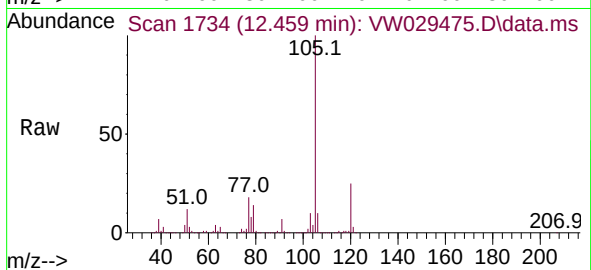
Tgt Ion:105 Resp: 438085

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 24.890 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

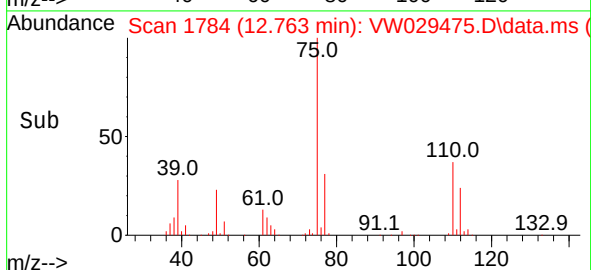
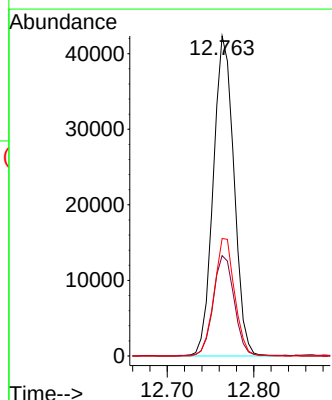
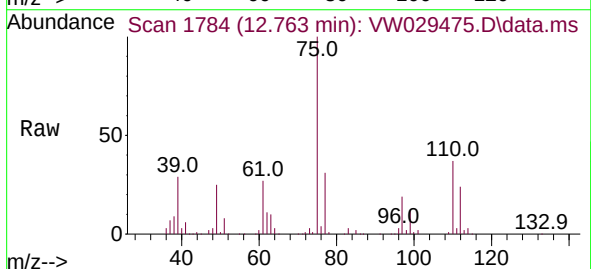
Tgt Ion: 75 Resp: 70282

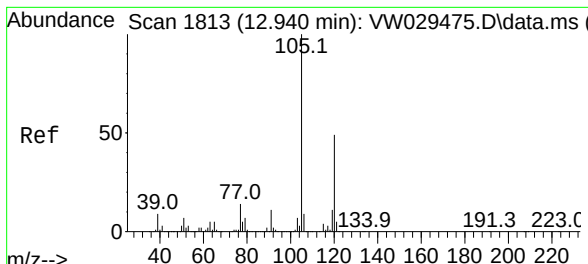
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

110 36.4 29.1 43.7



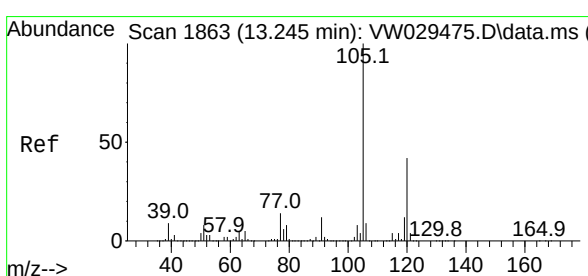
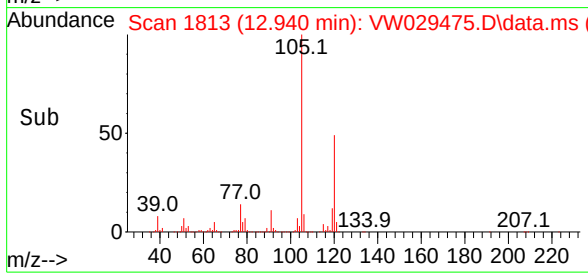
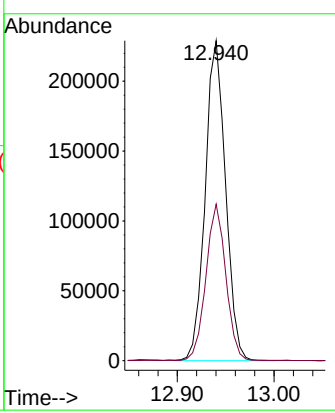
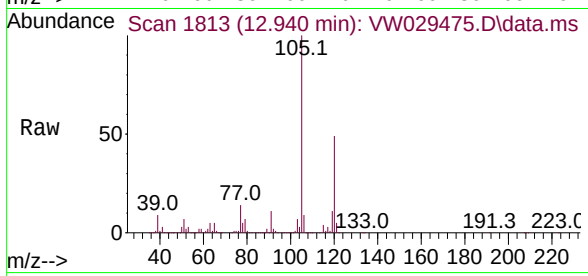


#62
 1,3,5-Trimethylbenzene
 Concen: 27.154 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW029475.D
 Acq: 08 Jul 2024 12:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 334690

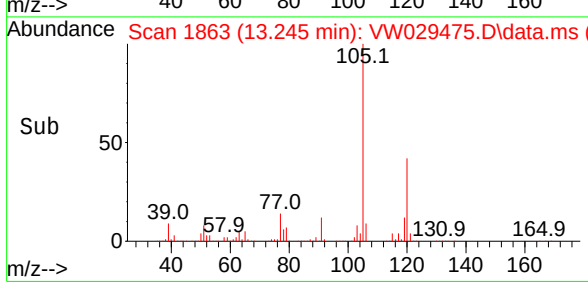
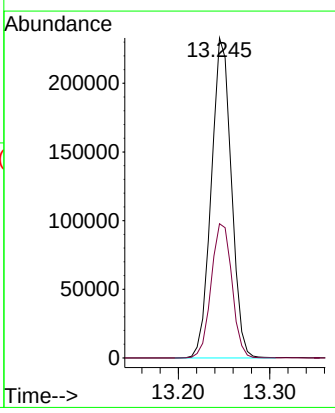
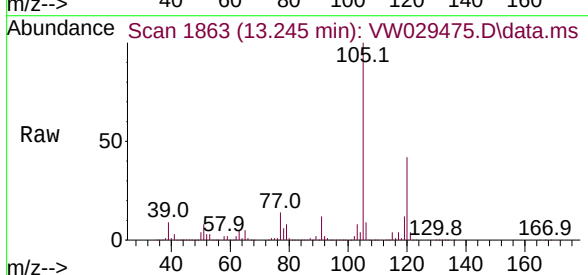
Ion	Ratio	Lower	Upper
105	100		
120	48.0	38.4	57.6

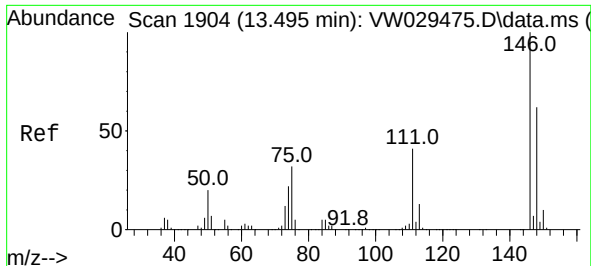


#63
 1,2,4-Trimethylbenzene
 Concen: 26.877 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW029475.D
 Acq: 08 Jul 2024 12:12

Tgt Ion:105 Resp: 355612

Ion	Ratio	Lower	Upper
105	100		
120	43.4	34.7	52.1

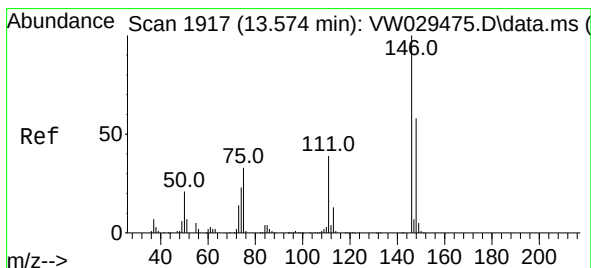
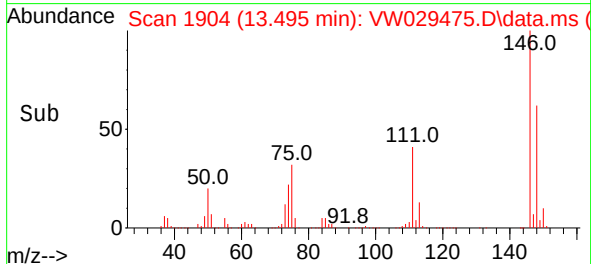
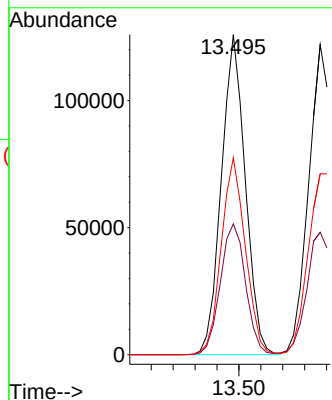
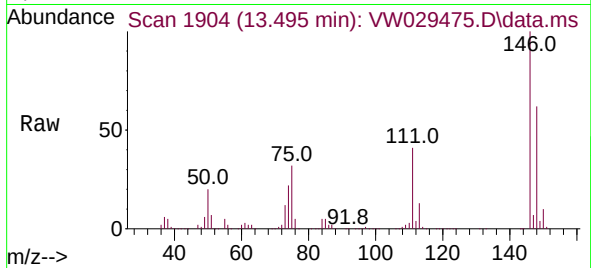




#64
1,3-Dichlorobenzene
Concen: 25.801 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

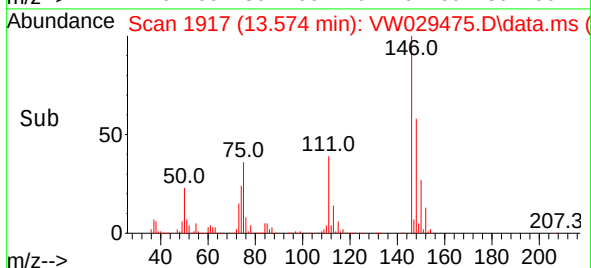
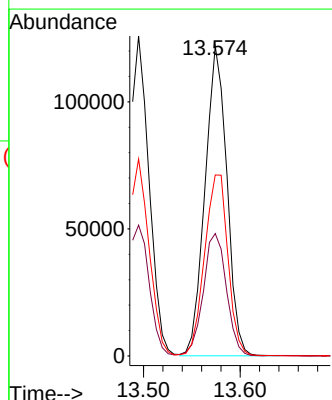
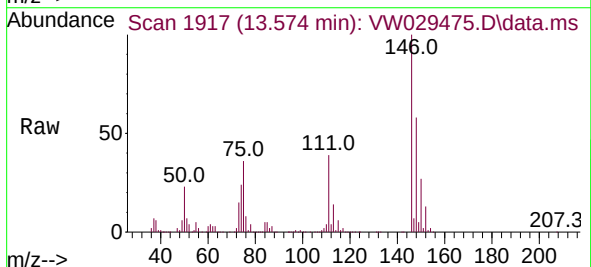
Instrument :
MSVOA_W
ClientSampleId :

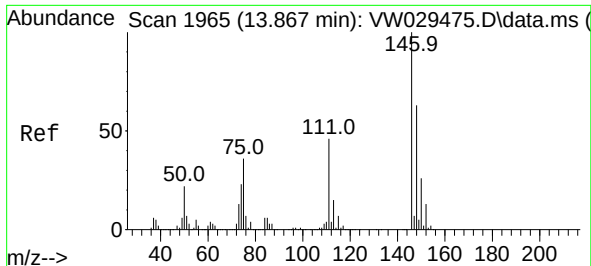
Tgt Ion:146 Resp: 190910
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 61.5 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 24.649 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

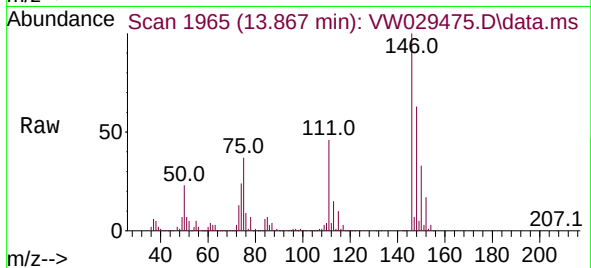
Tgt Ion:146 Resp: 192345
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.4
148 58.4 40.9 75.9



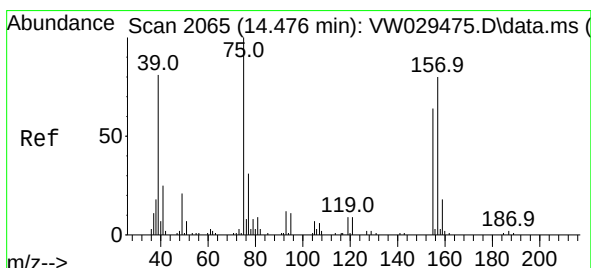
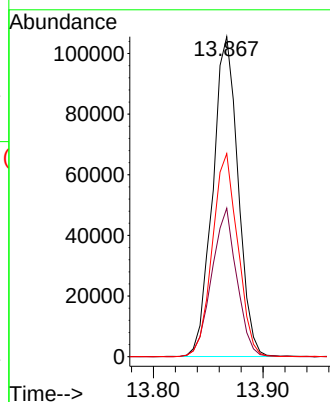
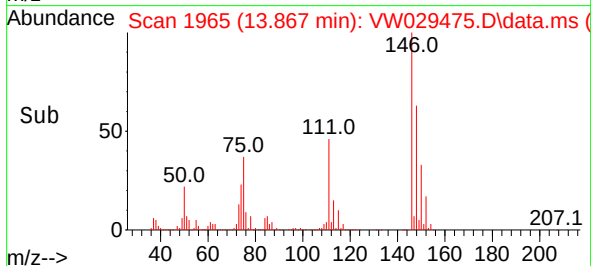


#67
1,2-Dichlorobenzene
Concen: 25.115 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

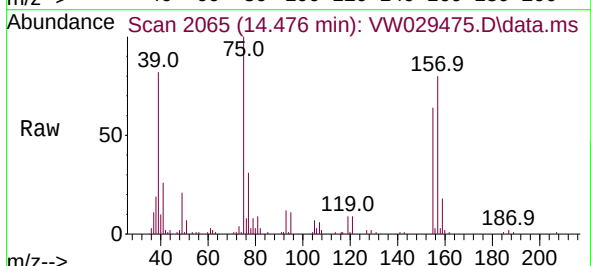
Instrument :
MSVOA_W
ClientSampleId :



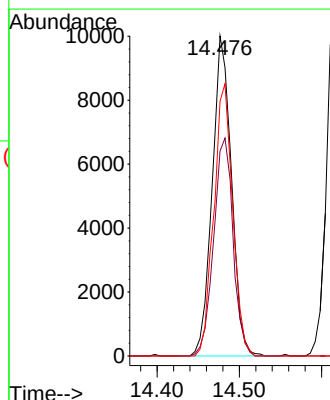
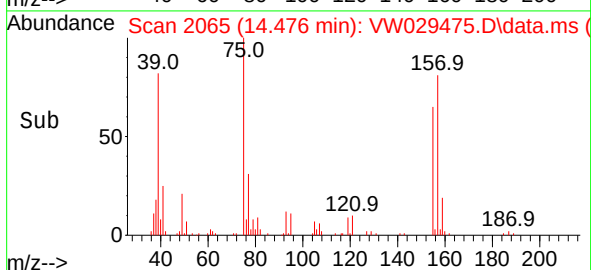
Tgt Ion:146 Resp: 169736
Ion Ratio Lower Upper
146 100
111 46.4 37.1 55.7
148 63.4 50.7 76.1

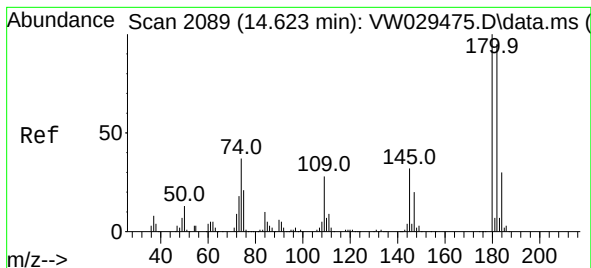


#68
1,2-Dibromo-3-chloropropane
Concen: 24.510 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12



Tgt Ion: 75 Resp: 16250
Ion Ratio Lower Upper
75 100
155 64.0 51.2 76.8
157 79.6 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 24.443 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

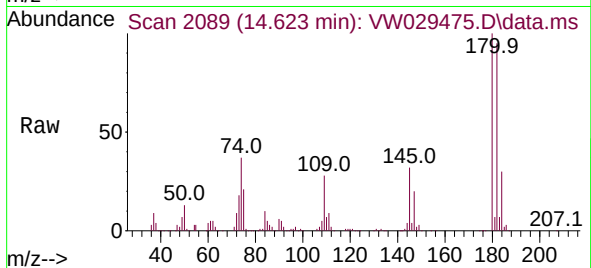
Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 120285

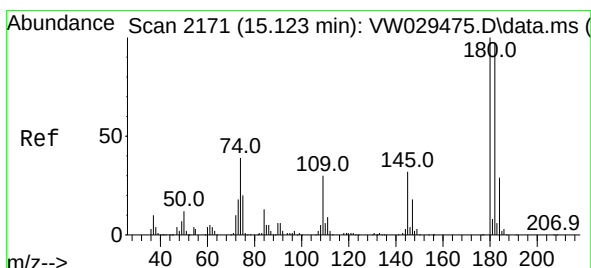
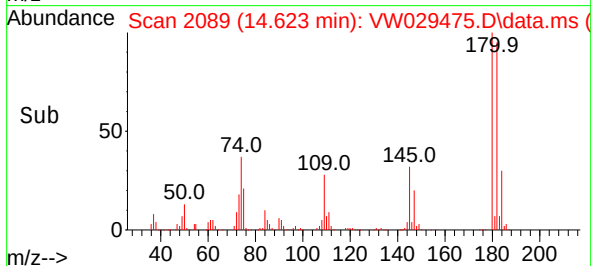
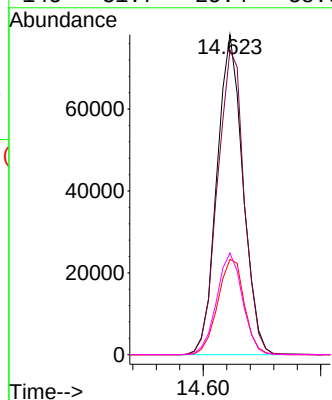
Ion Ratio Lower Upper

180 100

182 97.4 77.9 116.9

184 30.5 24.4 36.6

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.205 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029475.D

Acq: 08 Jul 2024 12:12

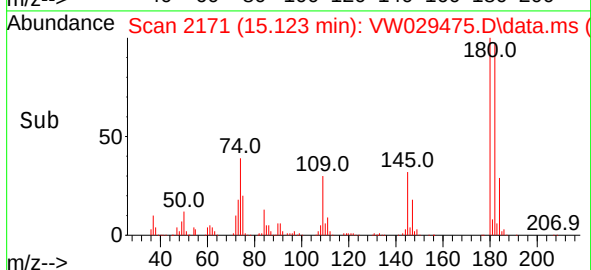
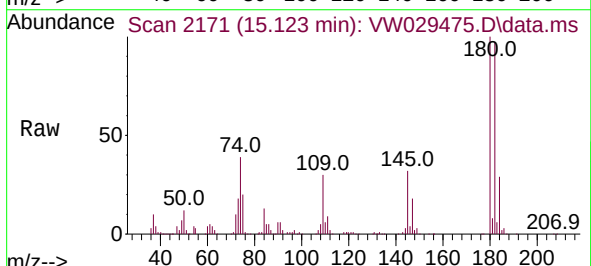
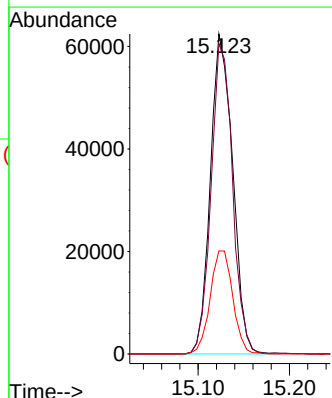
Tgt Ion:180 Resp: 105741

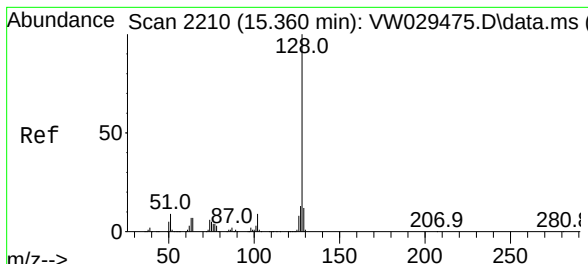
Ion Ratio Lower Upper

180 100

182 93.4 74.7 112.1

145 32.7 26.2 39.2



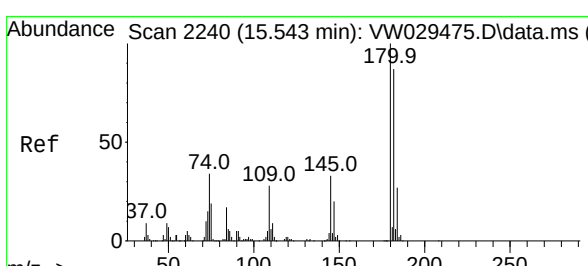
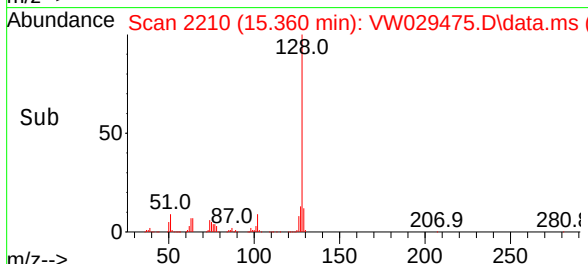
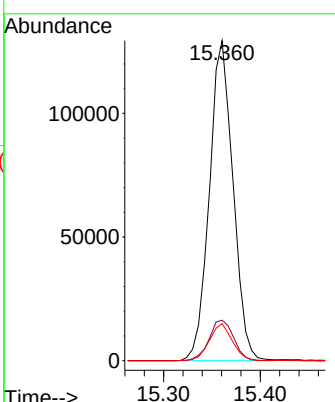
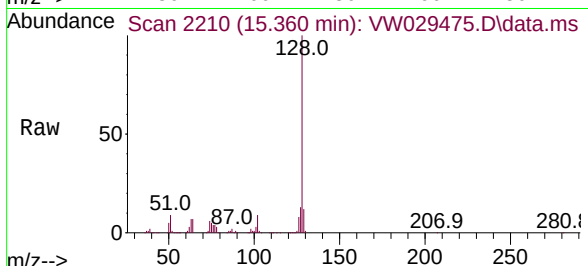


#71
Naphthalene
Concen: 27.106 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 219567

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.2	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 26.713 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW029475.D
Acq: 08 Jul 2024 12:12

Tgt Ion:180 Resp: 99252

Ion	Ratio	Lower	Upper
180	100		
182	91.7	73.4	110.0
145	33.6	26.9	40.3

