

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029473.D
 Acq On : 08 Jul 2024 11:24
 Operator : SY/MD
 Sample : VSTD2.552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 09 01:57:15 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	261602	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	246885	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	11977	3.206	ug/L	0.00
7) Chloroethane-d5	2.899	69	8144	2.653	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	4846	2.705	ug/L	0.00
21) 2-Butanone-d5	7.087	46	4958	4.398	ug/L	0.01
24) Chloroform-d	7.648	84	17861	2.273	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	10617	2.342	ug/L	0.00
32) Benzene-d6	8.276	84	34598	2.287	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	11162	2.309	ug/L	0.00
41) Toluene-d8	10.319	98	28658	2.152	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	4347	2.201	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3482	4.477	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9191	2.366	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	9929	2.353	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.143	85	161	0.064	ug/L	94
3) Chloromethane	2.216	50	8708	2.377	ug/L	97
5) Vinyl chloride	2.369	62	10342	2.477	ug/L	92
6) Bromomethane	2.789	94	5826	2.308	ug/L	92
8) Chloroethane	2.930	64	5898	2.296	ug/L	88
9) Trichlorofluoromethane	3.259	101	7266	2.181	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	7349	2.047	ug/L	98
12) 1,1-Dichloroethene	4.045	96	7238	2.336	ug/L	93
13) Acetone	4.131	43	6575	6.418	ug/L	73
14) Carbon disulfide	4.393	76	24695	2.410	ug/L	99
15) Methyl Acetate	4.679	43	5486	2.849	ug/L #	77
16) Methylene chloride	4.923	84	17073	3.650	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	8196	2.362	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	12743	2.279	ug/L #	72
19) 1,1-Dichloroethane	6.216	63	16594	2.243	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	8524	2.231	ug/L	92
22) 2-Butanone	7.173	43	5813	4.274	ug/L	96
23) Bromochloromethane	7.508	128	3986	2.349	ug/L	88
25) Chloroform	7.673	83	10276	1.429	ug/L	89
27) 1,2-Dichloroethane	8.398	62	12093	2.257	ug/L	98
29) Cyclohexane	7.959	56	12309	2.105	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	12696	2.258	ug/L	99
31) Carbon tetrachloride	8.063	117	11357	2.211	ug/L	97
33) Benzene	8.325	78	34010	2.244	ug/L	100
34) Trichloroethene	9.093	95	9268	2.282	ug/L	98
35) Methylcyclohexane	9.331	83	13466	2.108	ug/L	97
37) 1,2-Dichloropropane	9.368	63	9619	2.259	ug/L #	97
38) Bromodichloromethane	9.642	83	11549	2.222	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	12330	2.020	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	12033	4.422	ug/L	98
42) Toluene	10.386	91	33321	2.139	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	10721	2.071	ug/L	96

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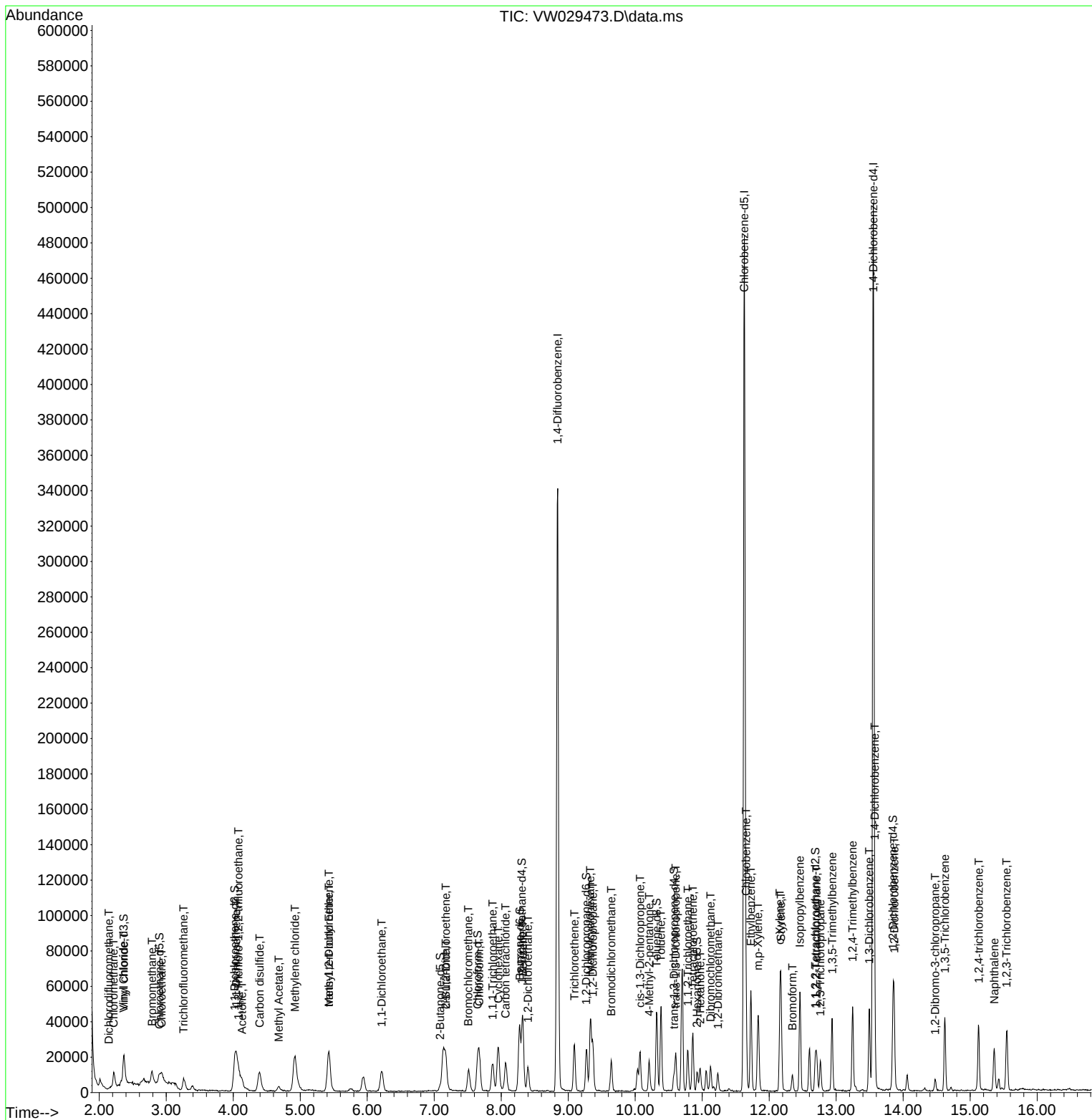
Instrument :
 MSVOA_W
 ClientSampleId :

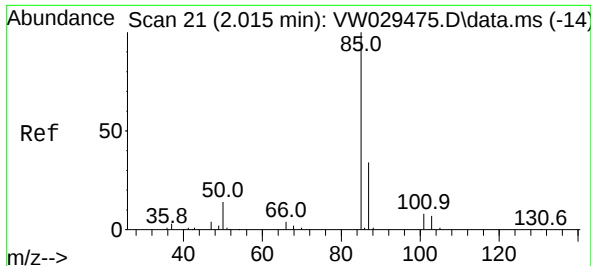
Quant Time: Jul 09 01:57:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 01:56:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	6846	2.283	ug/L	96
46) Tetrachloroethene	10.861	164	6390	2.232	ug/L	91
48) 2-Hexanone	10.971	43	8625	4.404	ug/L	99
49) Dibromochloromethane	11.123	129	6816	2.187	ug/L	96
50) 1,2-Dibromoethane	11.233	107	6581	2.432	ug/L	85
51) Chlorobenzene	11.654	112	23064	2.292	ug/L	98
52) Ethylbenzene	11.727	91	36344	2.048	ug/L	98
53) m,p-Xylene	11.837	106	13232	2.042	ug/L	100
54) o-Xylene	12.160	106	11503	1.898	ug/L	92
55) Styrene	12.178	104	20336	1.931	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	8998	2.428	ug/L #	89
59) Bromoform	12.349	173	3721	2.166	ug/L #	93
60) Isopropylbenzene	12.458	105	32277	1.975	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	6810	2.498	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	20688	1.739	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	23418	1.833	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	17164	2.403	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	18508	2.457	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	15396	2.360	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	1794	2.803	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	12347	2.599	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	10634	2.730	ug/L	98
71) Naphthalene	15.360	128	19232	2.459	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	9840	2.743	ug/L	89

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

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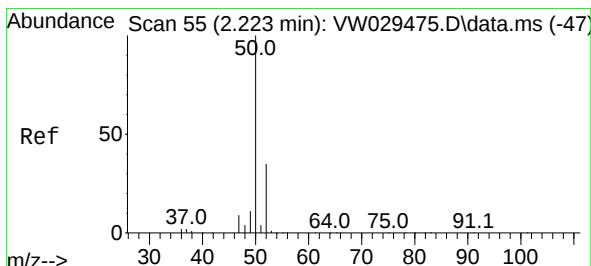
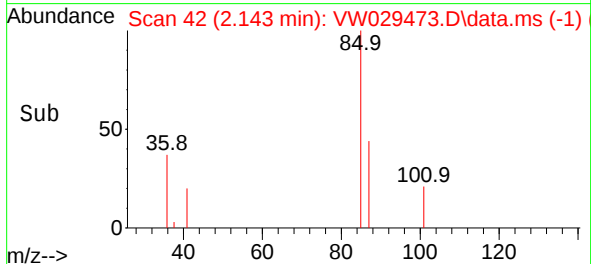
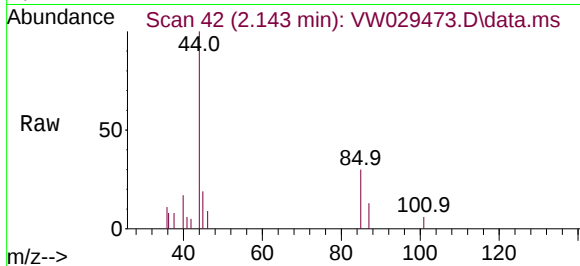




#2
Dichlorodifluoromethane
Concen: 0.064 ug/L
RT: 2.143 min Scan# 41
Delta R.T. 0.128 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

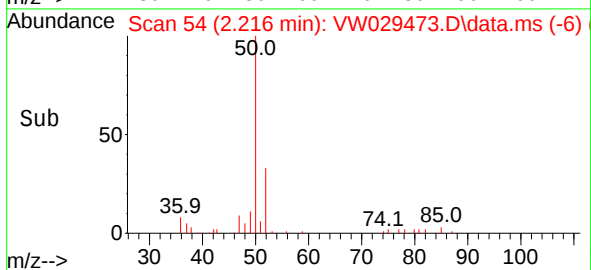
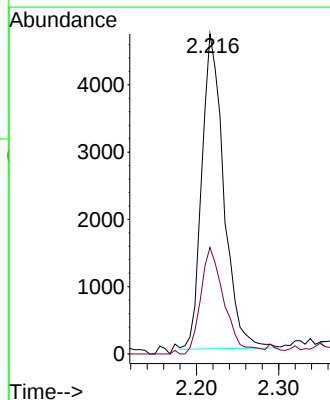
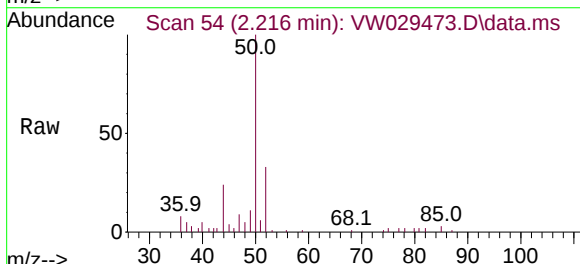
Instrument :
MSVOA_W
ClientSampleId :

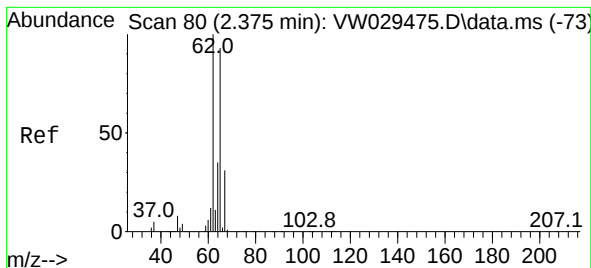
Tgt Ion: 85 Resp: 161
Ion Ratio Lower Upper
85 100
87 36.0 26.1 39.1



#3
Chloromethane
Concen: 2.377 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

Tgt Ion: 50 Resp: 8708
Ion Ratio Lower Upper
50 100
52 33.3 24.4 45.2





#5

Vinyl chloride

Concen: 2.477 ug/L

RT: 2.369 min Scan# 70

Delta R.T. -0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

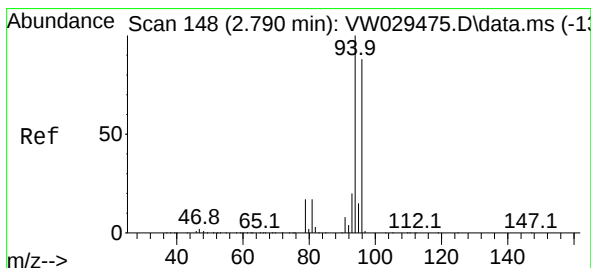
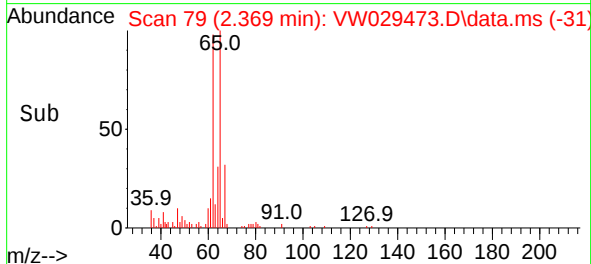
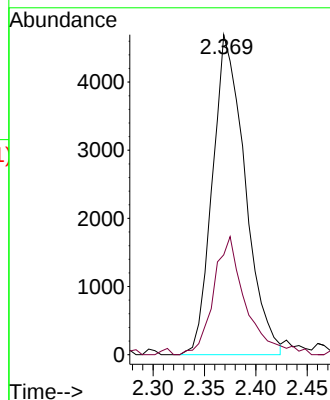
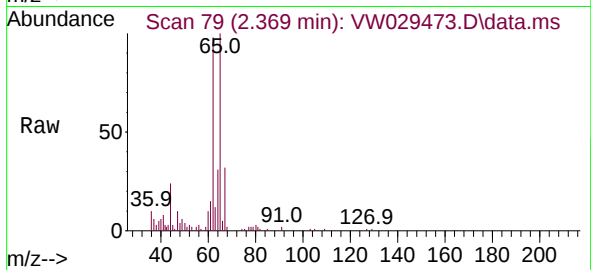
ClientSampleId :

Tgt Ion: 62 Resp: 10342

Ion Ratio Lower Upper

62 100

64 31.2 25.1 46.5



#6

Bromomethane

Concen: 2.308 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029473.D

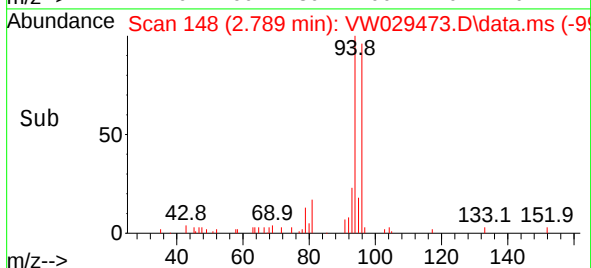
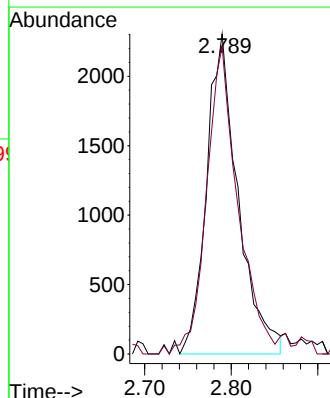
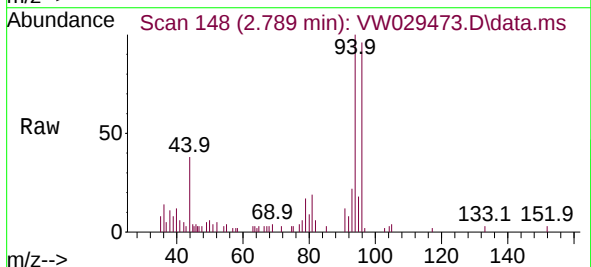
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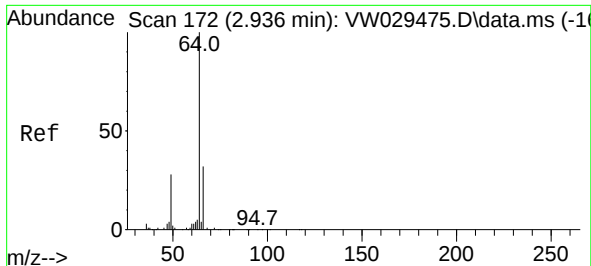
Tgt Ion: 94 Resp: 5826

Ion Ratio Lower Upper

94 100

96 96.1 61.7 114.7

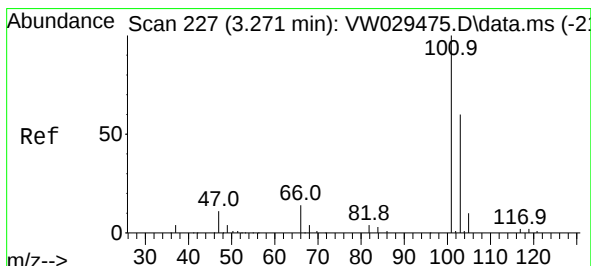
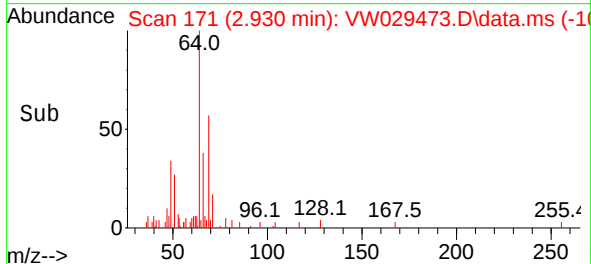
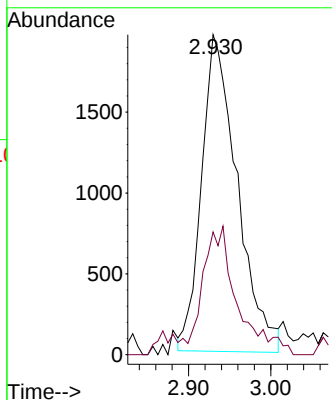
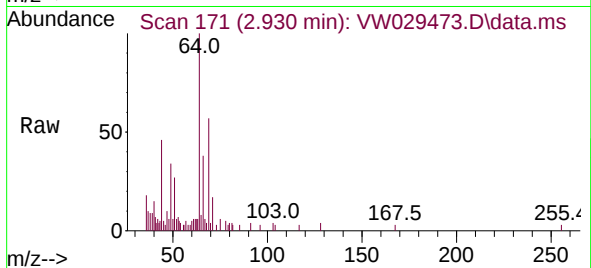




#8
Chloroethane
Concen: 2.296 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

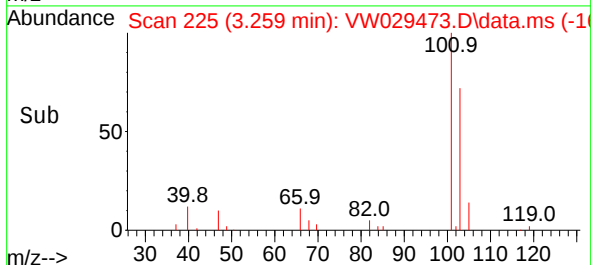
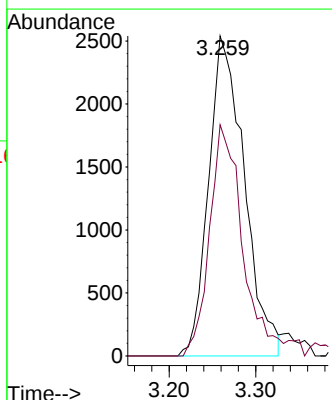
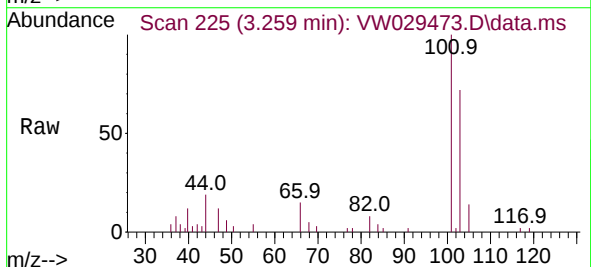
Instrument :
MSVOA_W
ClientSampleId :

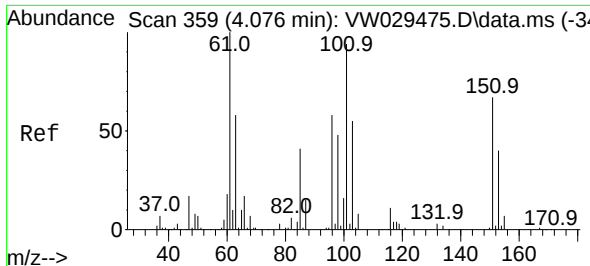
Tgt Ion: 64 Resp: 5898
Ion Ratio Lower Upper
64 100
66 38.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 2.181 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

Tgt Ion: 101 Resp: 7266
Ion Ratio Lower Upper
101 100
103 64.4 49.6 74.4





#10

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

Concen: 2.047 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

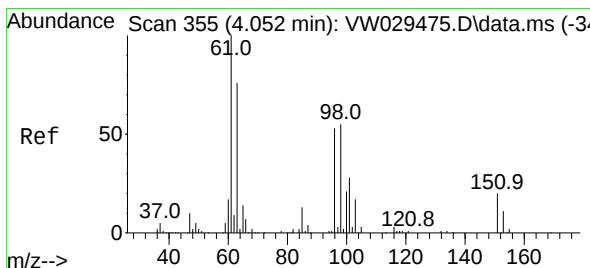
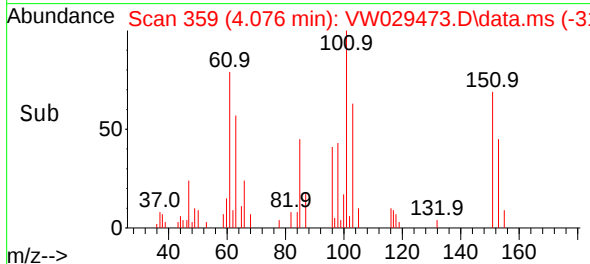
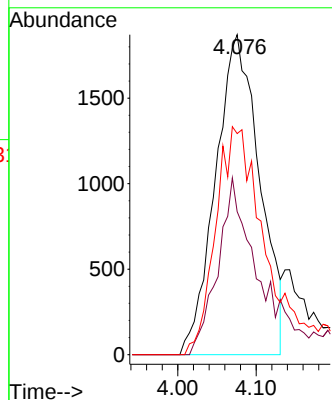
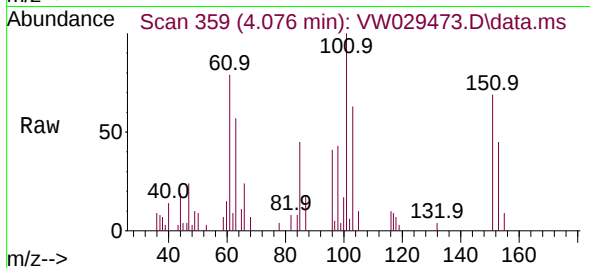
Tgt Ion:101 Resp: 7349

Ion Ratio Lower Upper

101 100

85 41.2 33.8 50.8

151 70.6 55.4 83.0



#12

1,1-Dichloroethene

Concen: 2.336 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

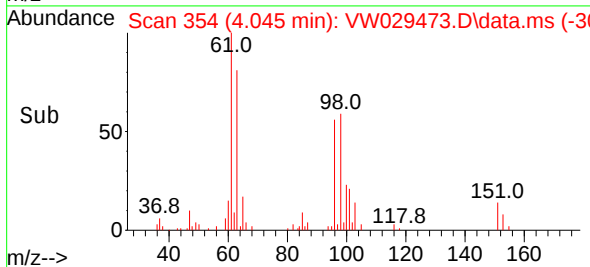
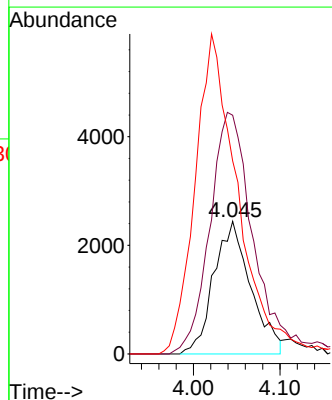
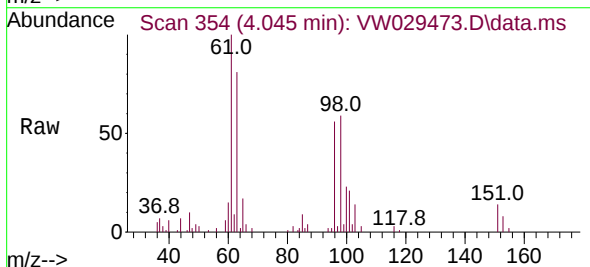
Tgt Ion: 96 Resp: 7238

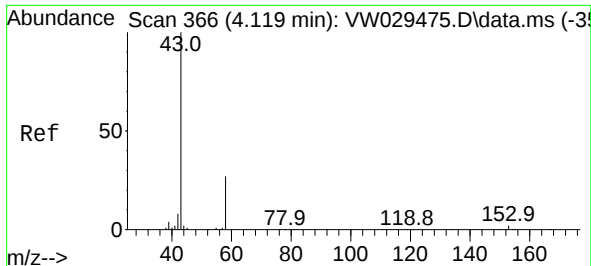
Ion Ratio Lower Upper

96 100

61 180.1 132.4 245.8

63 145.5 108.4 201.2

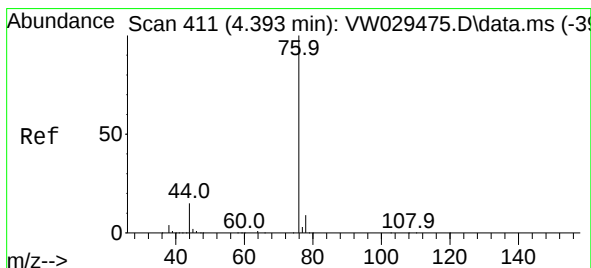
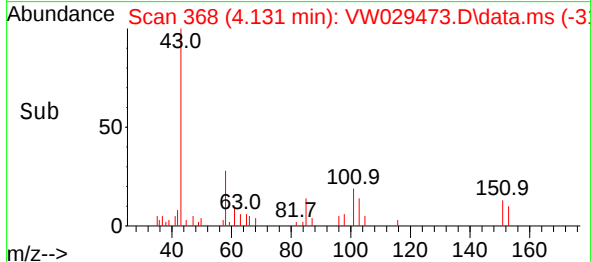
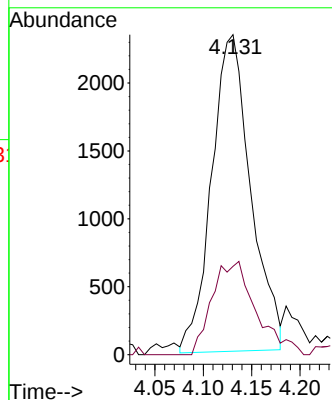
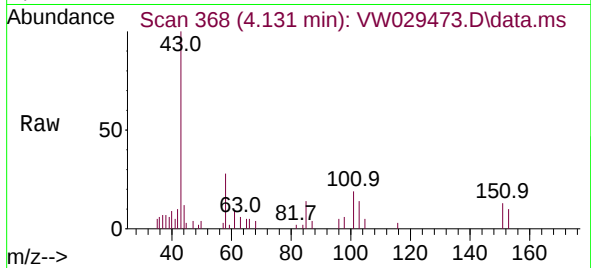




#13
Acetone
Concen: 6.418 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

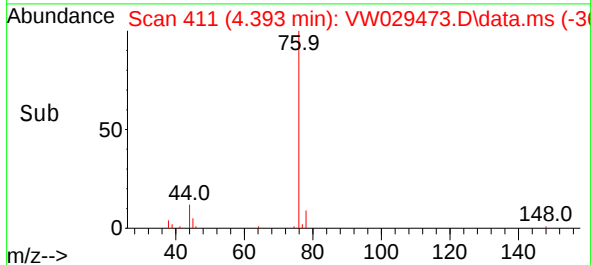
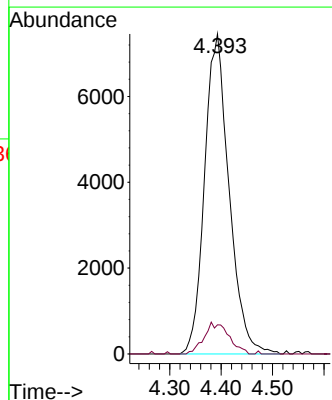
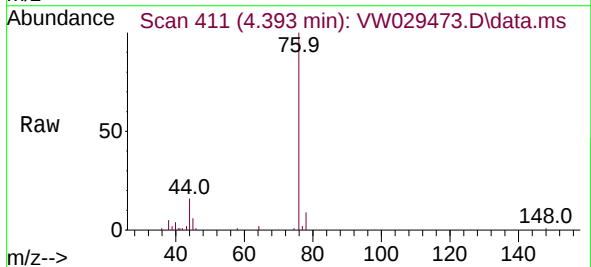
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MSVOA_W
ClientSampleId :

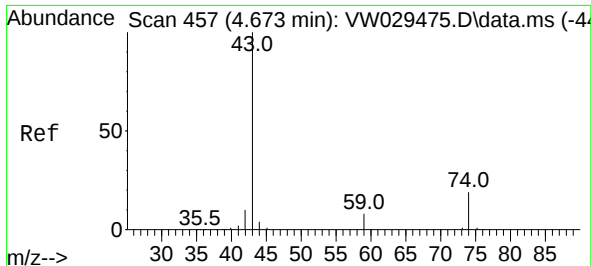
Tgt Ion: 43 Resp: 6575
Ion Ratio Lower Upper
43 100
58 13.5 0.0 55.6



#14
Carbon disulfide
Concen: 2.410 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

Tgt Ion: 76 Resp: 24695
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





#15

Methyl Acetate

Concen: 2.849 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

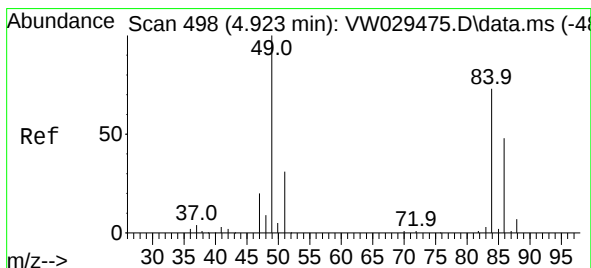
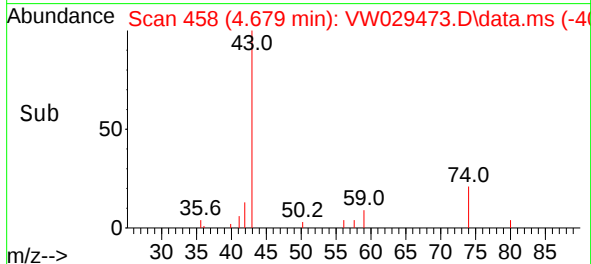
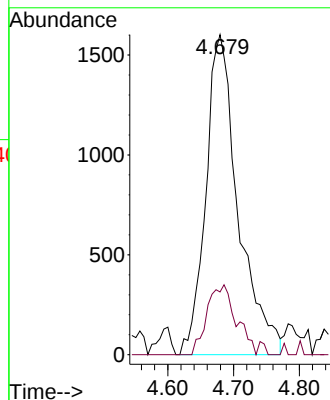
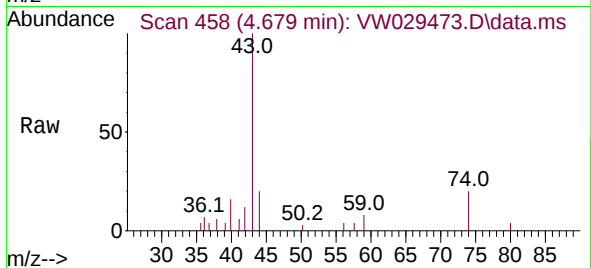
ClientSampleId :

Tgt Ion: 43 Resp: 5486

Ion Ratio Lower Upper

43 100

74 9.8 16.2 24.4#



#16

Methylene chloride

Concen: 3.650 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

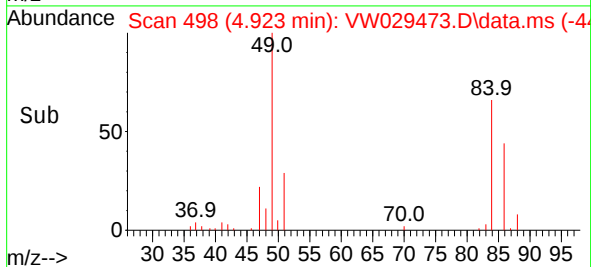
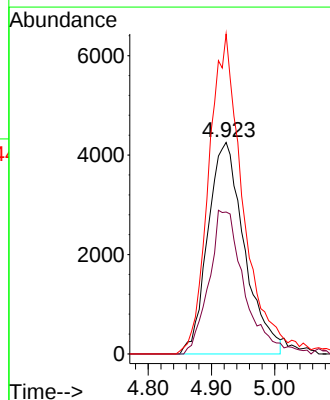
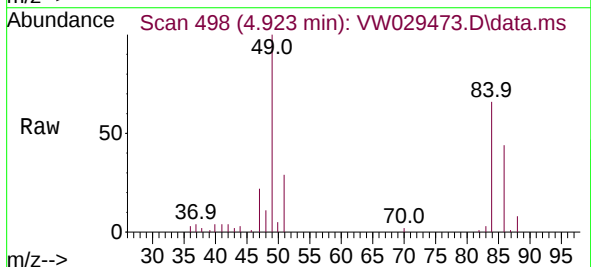
Tgt Ion: 84 Resp: 17073

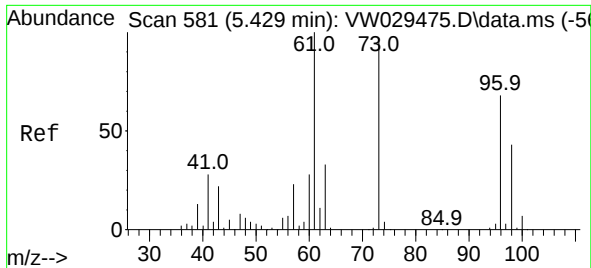
Ion Ratio Lower Upper

84 100

86 67.1 46.2 85.8

49 151.3 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 2.362 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

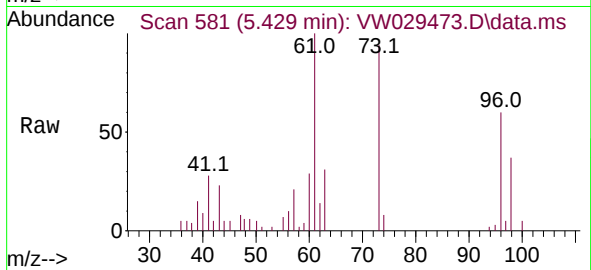
Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :



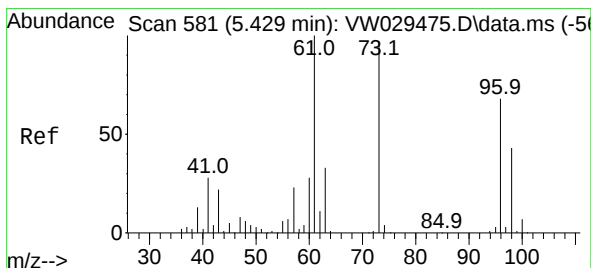
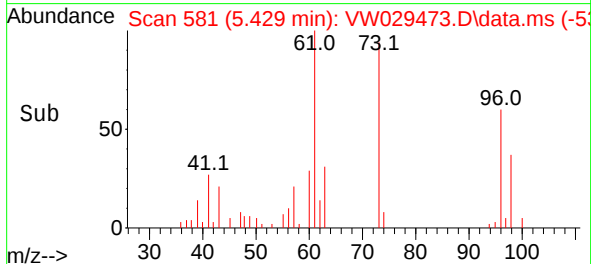
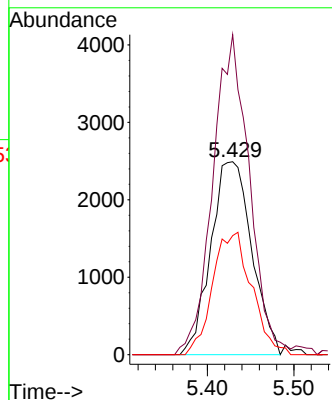
Tgt Ion: 96 Resp: 8196

Ion Ratio Lower Upper

96 100

61 165.9 102.9 191.1

98 61.7 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 2.279 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

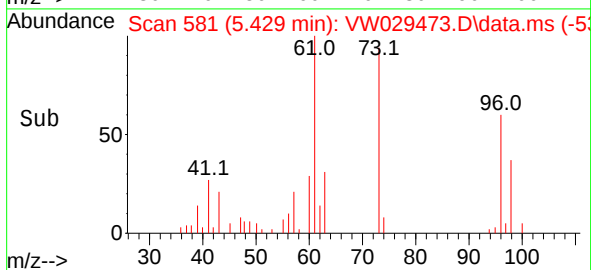
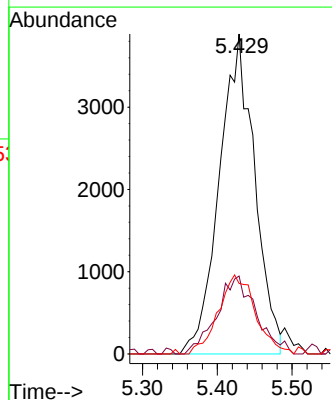
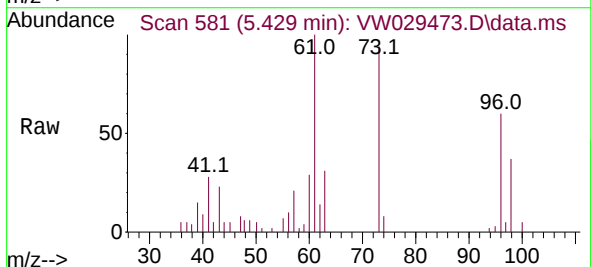
Tgt Ion: 73 Resp: 12743

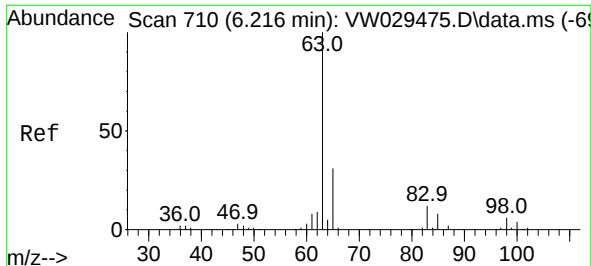
Ion Ratio Lower Upper

73 100

43 1.6 18.7 28.1#

57 17.7 18.9 28.3#





#19

1,1-Dichloroethane

Concen: 2.243 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029473.D

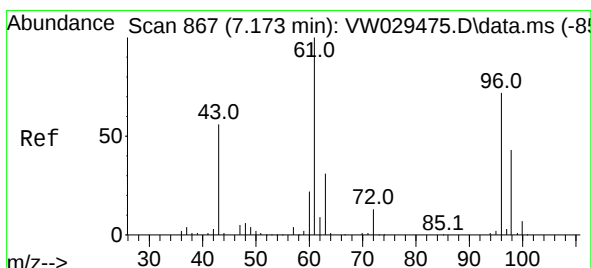
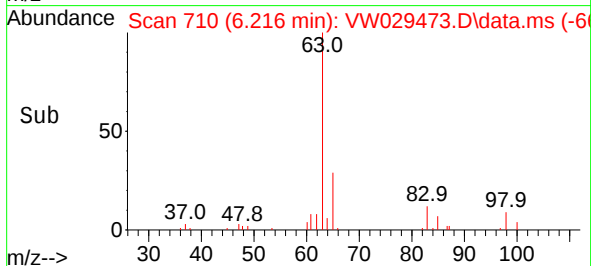
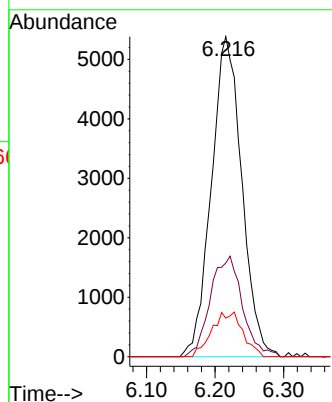
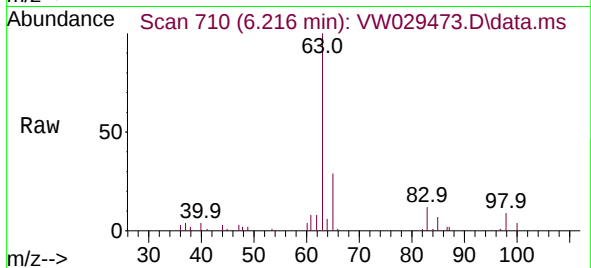
Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 16594
Ion Ratio	Lower Upper
63 100	
65 29.3	21.5 39.9
83 12.1	8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 2.231 ug/L

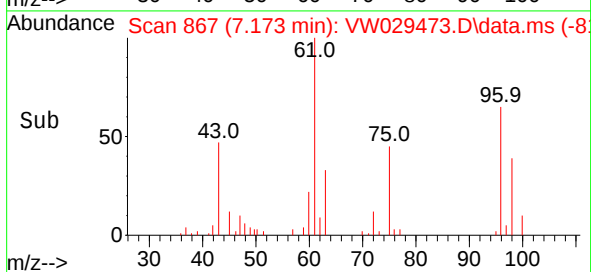
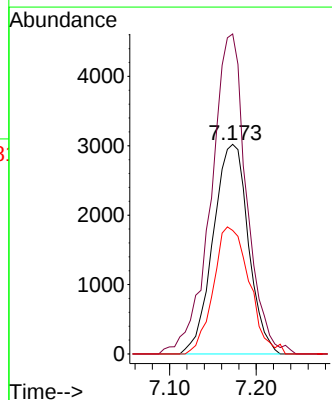
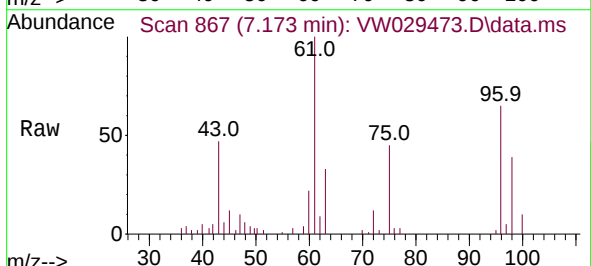
RT: 7.173 min Scan# 867

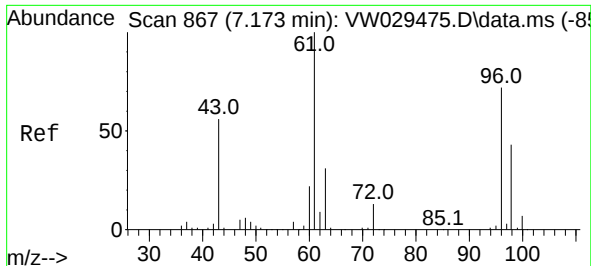
Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Tgt Ion: 96	Resp: 8524
Ion Ratio	Lower Upper
96 100	
61 152.7	97.4 180.8
98 58.9	41.6 77.2





#22

2-Butanone

Concen: 4.274 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

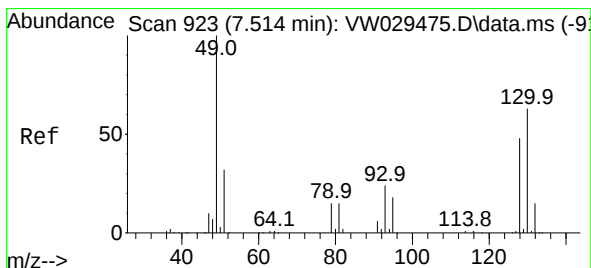
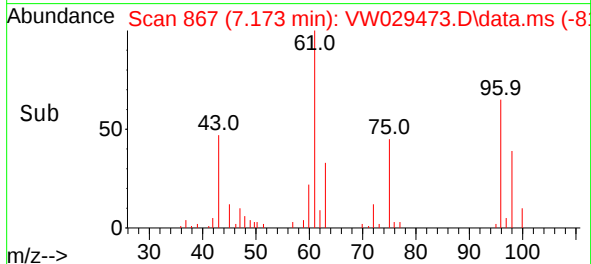
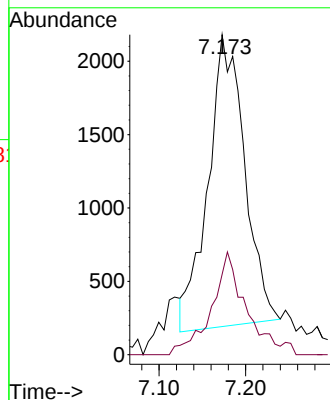
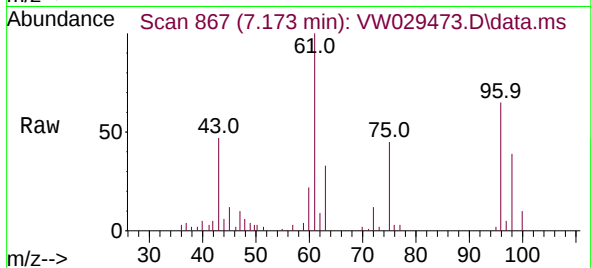
ClientSampleId :

Tgt Ion: 43 Resp: 5813

Ion Ratio Lower Upper

43 100

72 26.2 12.0 36.1



#23

Bromochloromethane

Concen: 2.349 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Tgt Ion: 128 Resp: 3986

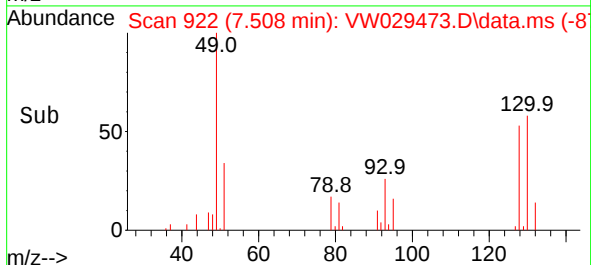
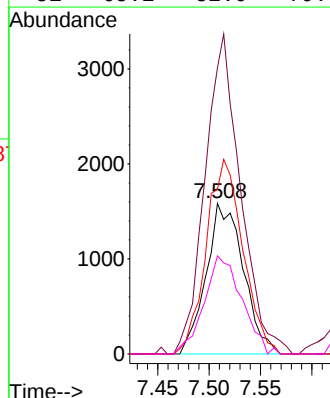
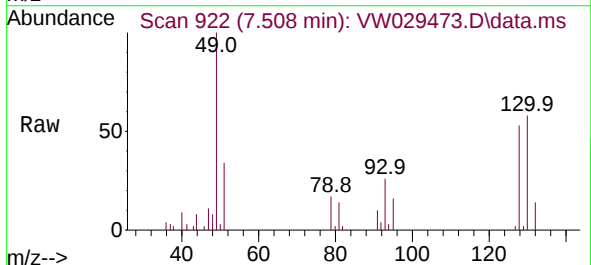
Ion Ratio Lower Upper

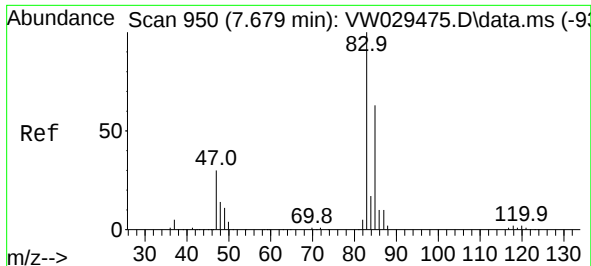
128 100

49 190.1 146.2 271.4

130 109.3 91.9 170.7

51 65.2 52.9 79.3





#25

Chloroform

Concen: 1.429 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

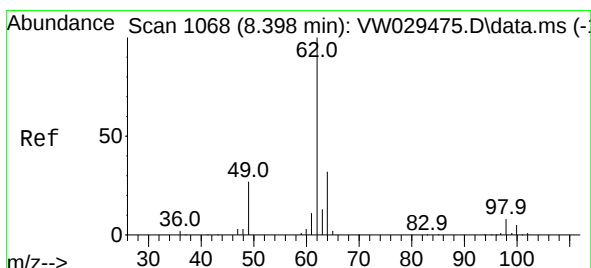
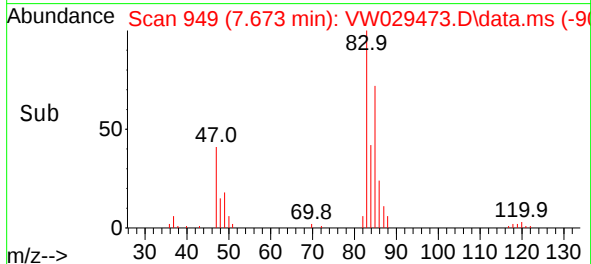
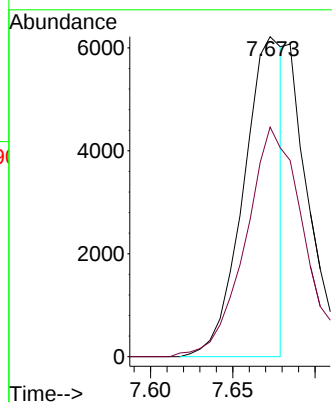
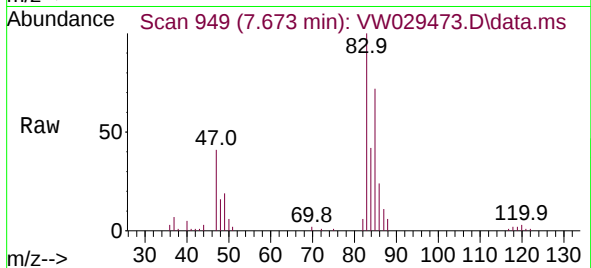
ClientSampleId :

Tgt Ion: 83 Resp: 10276

Ion Ratio Lower Upper

83 100

85 71.8 44.1 81.9



#27

1,2-Dichloroethane

Concen: 2.257 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029473.D

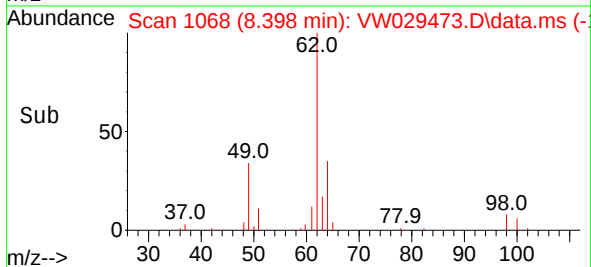
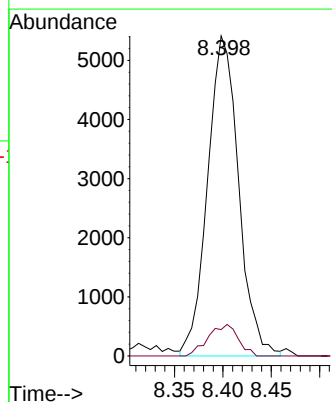
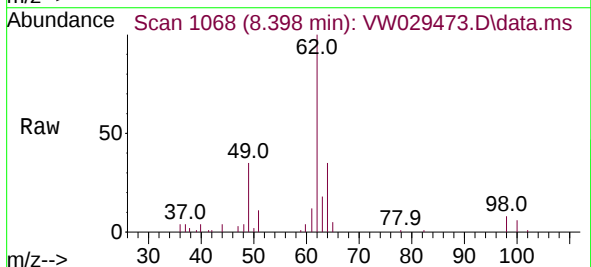
Acq: 08 Jul 2024 11:24

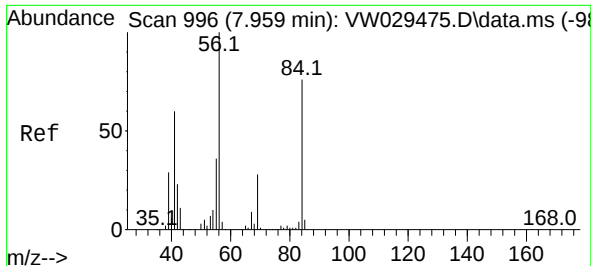
Tgt Ion: 62 Resp: 12093

Ion Ratio Lower Upper

62 100

98 8.3 6.0 9.0





#29

Cyclohexane

Concen: 2.105 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

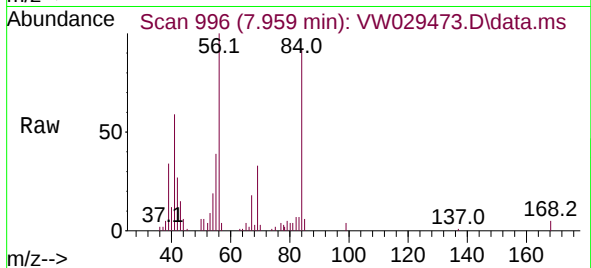
Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :



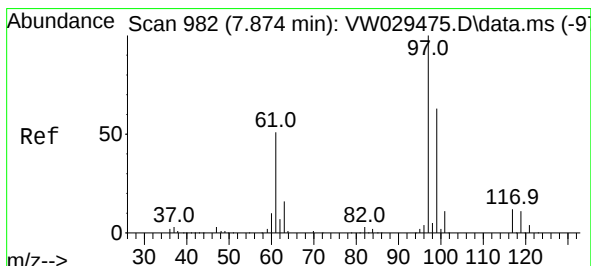
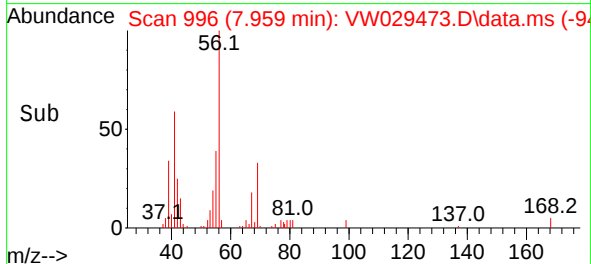
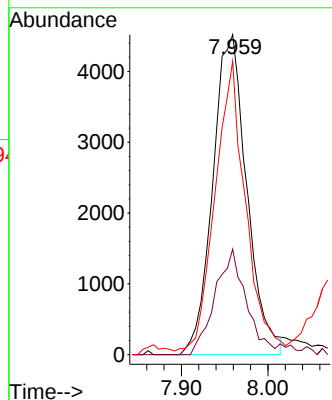
Tgt Ion: 56 Resp: 12309

Ion Ratio Lower Upper

56 100

69 30.1 23.3 34.9

84 83.6 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 2.258 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

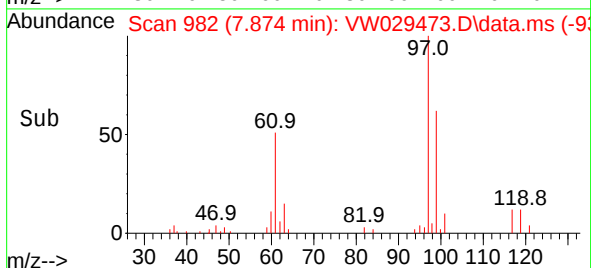
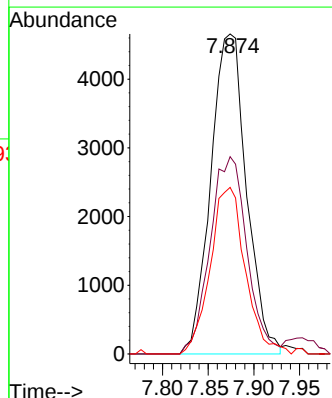
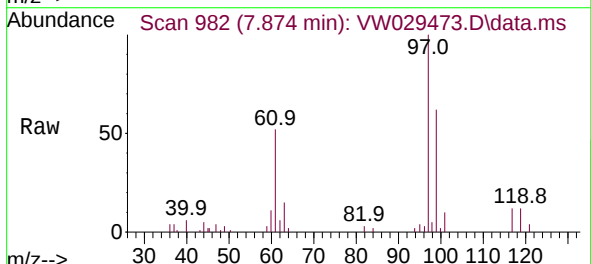
Tgt Ion: 97 Resp: 12696

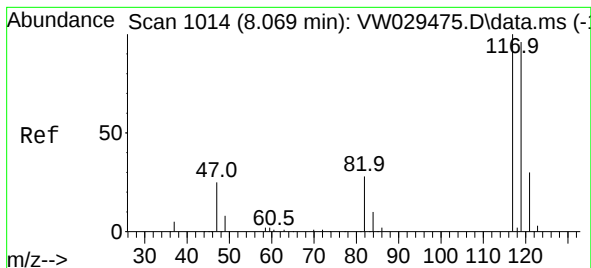
Ion Ratio Lower Upper

97 100

99 63.3 51.1 76.7

61 50.9 40.6 61.0





#31

Carbon tetrachloride

Concen: 2.211 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

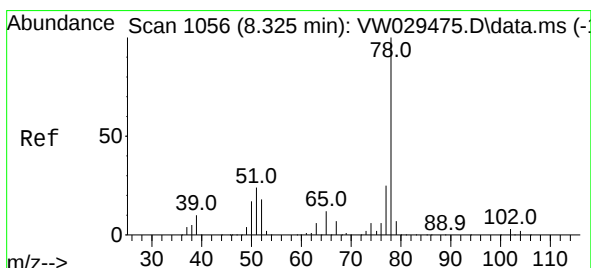
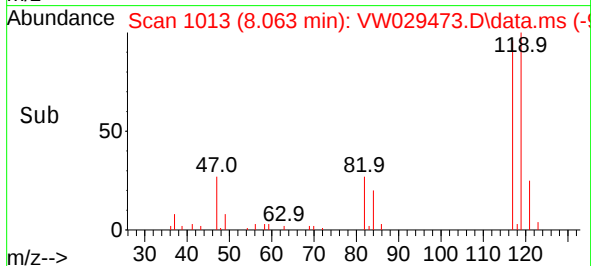
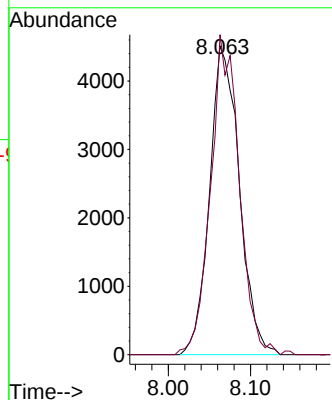
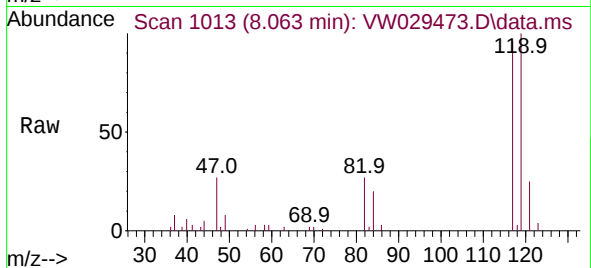
ClientSampleId :

Tgt Ion:117 Resp: 11357

Ion Ratio Lower Upper

117 100

119 98.7 77.0 115.6



#33

Benzene

Concen: 2.244 ug/L

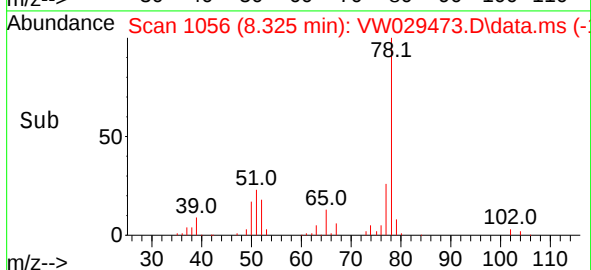
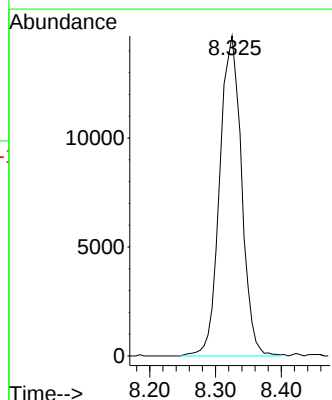
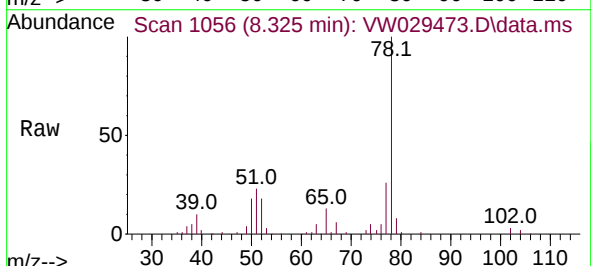
RT: 8.325 min Scan# 1056

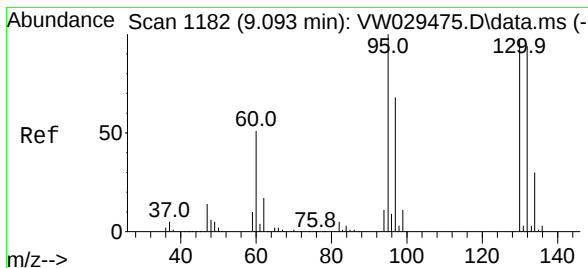
Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Tgt Ion: 78 Resp: 34010





#34

Trichloroethene

Concen: 2.282 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

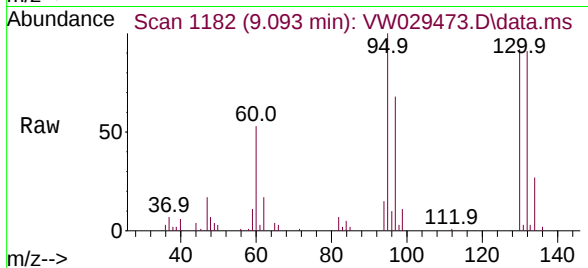
Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 9268

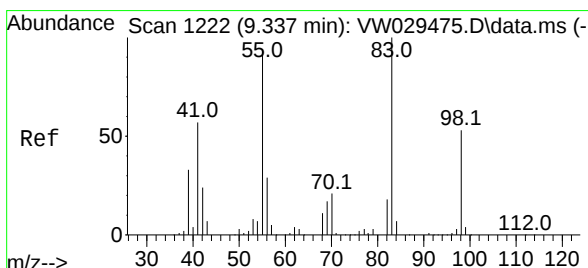
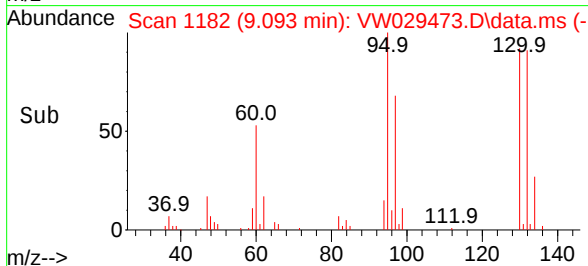
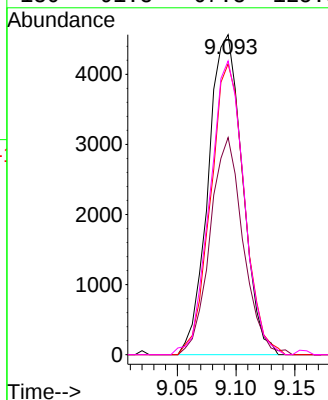
Ion Ratio Lower Upper

95 100

97 67.8 47.3 87.9

132 94.0 65.8 122.2

130 91.8 67.8 125.8



#35

Methylcyclohexane

Concen: 2.108 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

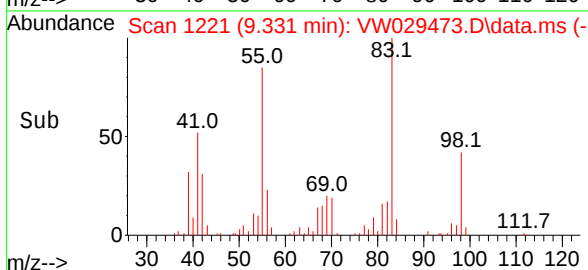
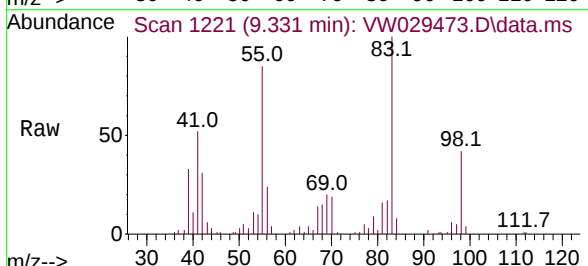
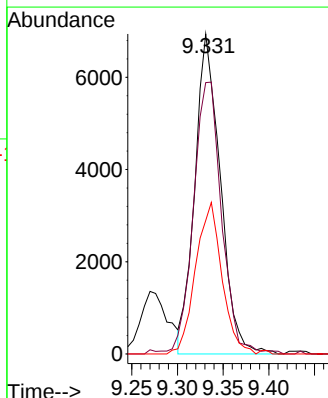
Tgt Ion: 83 Resp: 13466

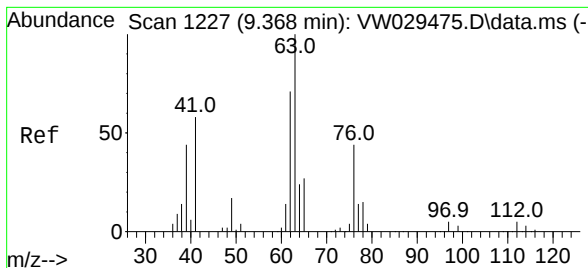
Ion Ratio Lower Upper

83 100

55 90.1 69.6 104.4

98 48.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 2.259 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

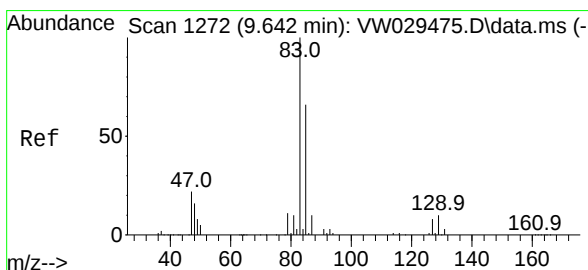
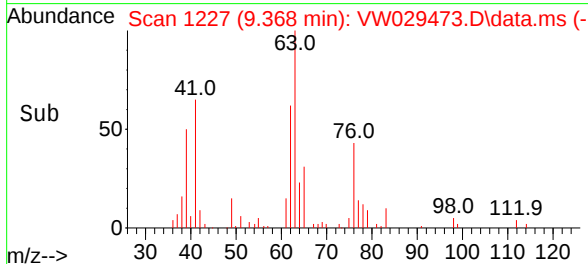
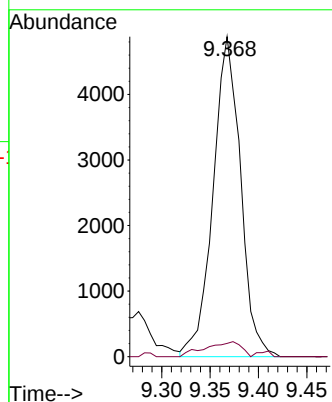
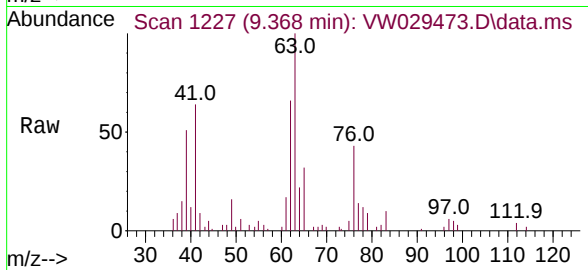
ClientSampleId :

Tgt Ion: 63 Resp: 9619

Ion Ratio Lower Upper

63 100

112 5.1 3.3 4.9#



#38

Bromodichloromethane

Concen: 2.222 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

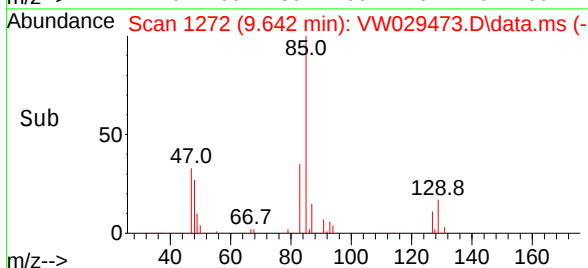
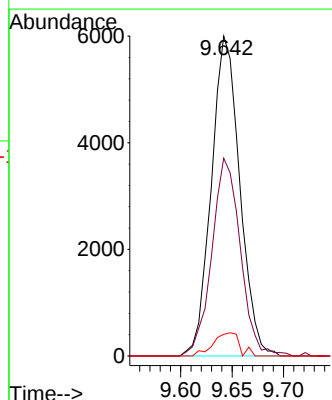
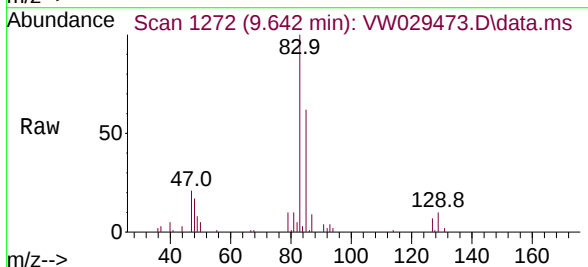
Tgt Ion: 83 Resp: 11549

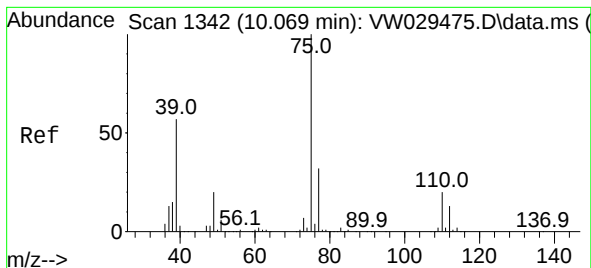
Ion Ratio Lower Upper

83 100

85 61.8 46.1 85.5

127 8.1 6.1 9.1

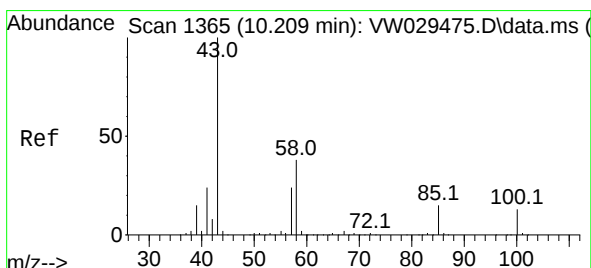
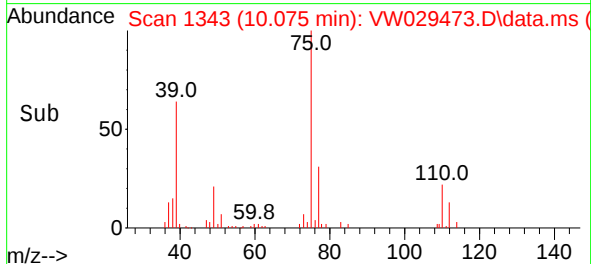
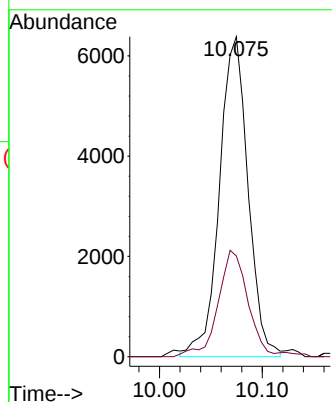
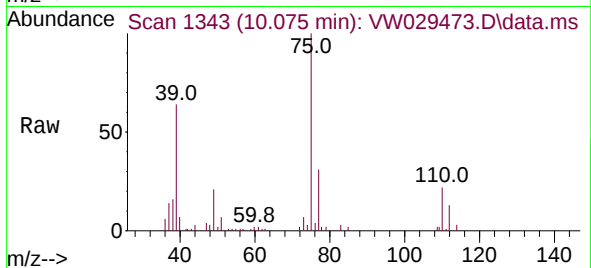




#39
 cis-1,3-Dichloropropene
 Concen: 2.020 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW029473.D
 Acq: 08 Jul 2024 11:24

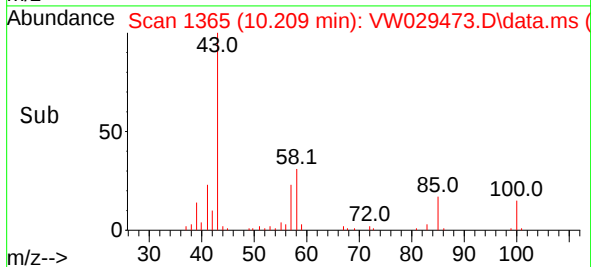
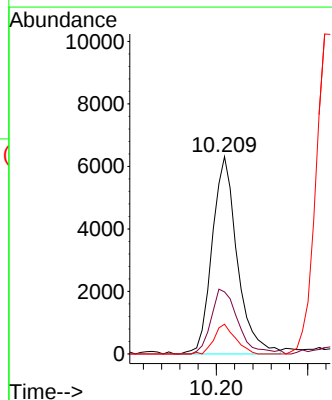
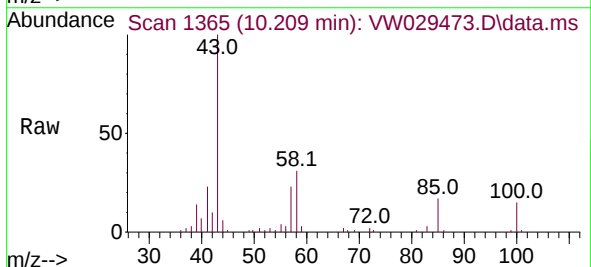
Instrument :
 MSVOA_W
 ClientSampleId :

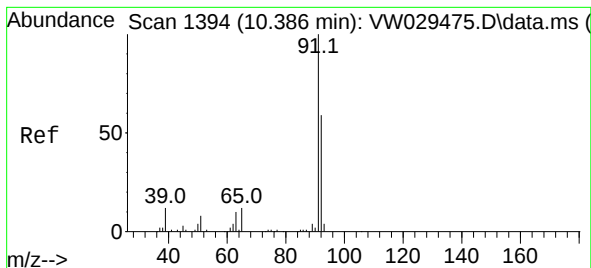
Tgt Ion: 75 Resp: 12330
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 4.422 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW029473.D
 Acq: 08 Jul 2024 11:24

Tgt Ion: 43 Resp: 12033
 Ion Ratio Lower Upper
 43 100
 58 34.7 29.0 43.6
 100 12.6 10.5 15.7





#42

Toluene

Concen: 2.139 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

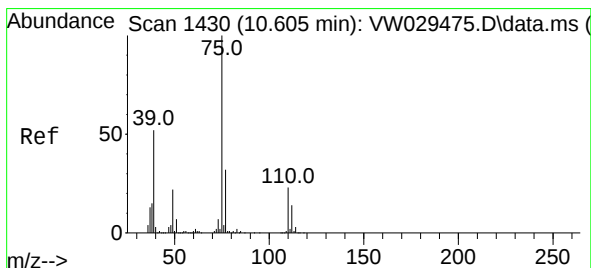
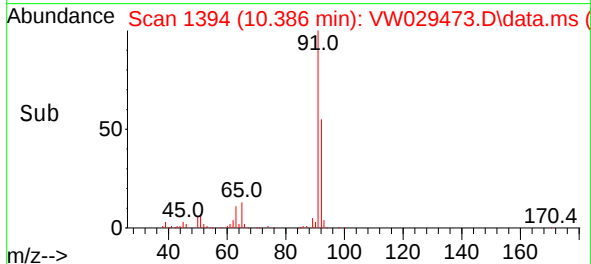
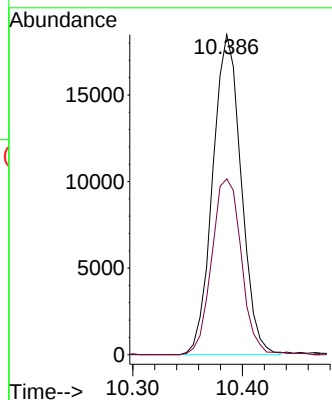
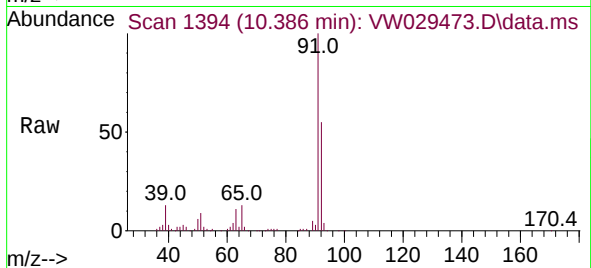
ClientSampleId :

Tgt Ion: 91 Resp: 33321

Ion Ratio Lower Upper

91 100

92 54.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 2.071 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029473.D

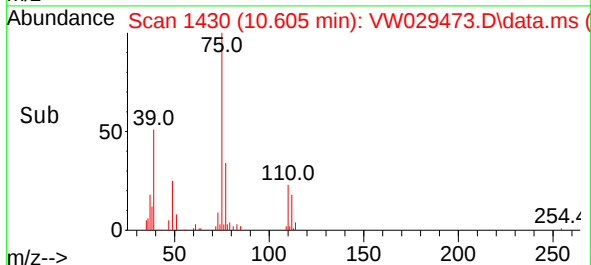
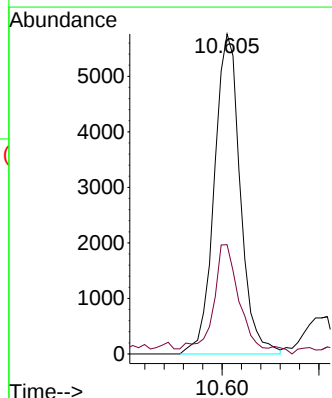
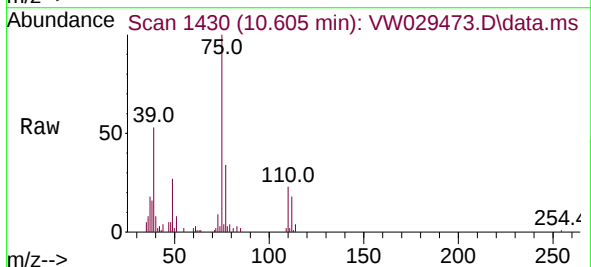
Acq: 08 Jul 2024 11:24

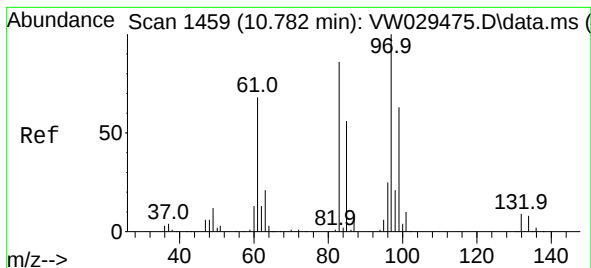
Tgt Ion: 75 Resp: 10721

Ion Ratio Lower Upper

75 100

77 34.1 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 2.283 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 6846

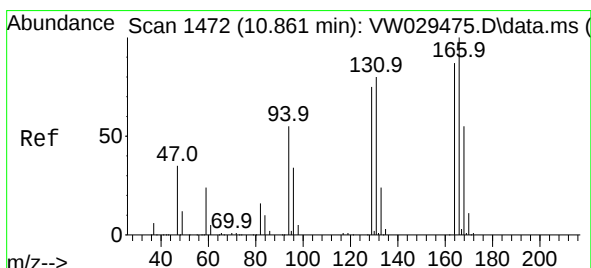
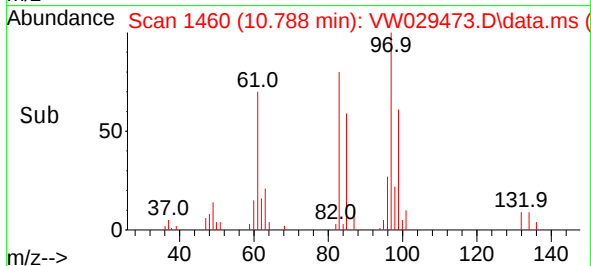
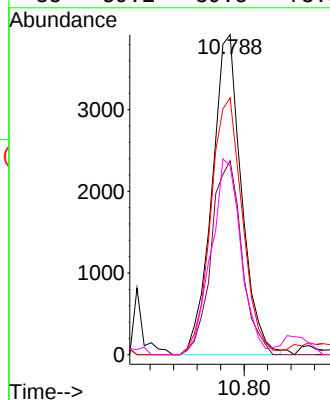
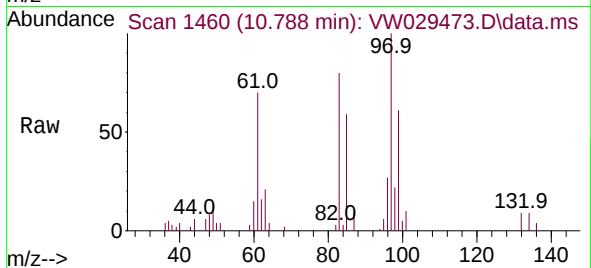
Ion Ratio Lower Upper

97 100

99 60.6 43.8 81.4

83 80.2 60.3 111.9

85 59.1 39.5 73.3



#46

Tetrachloroethene

Concen: 2.232 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Tgt Ion:164 Resp: 6390

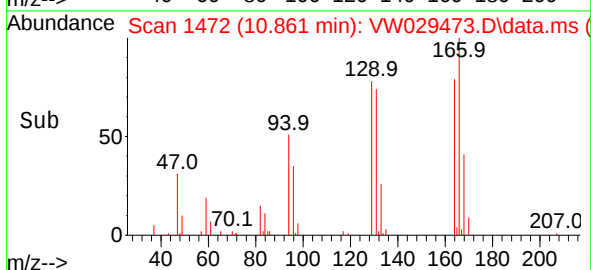
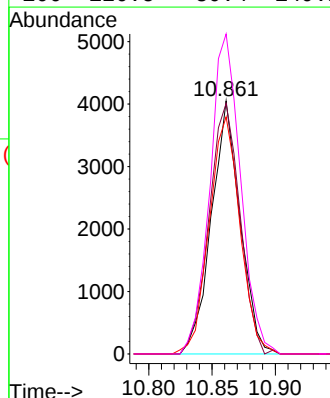
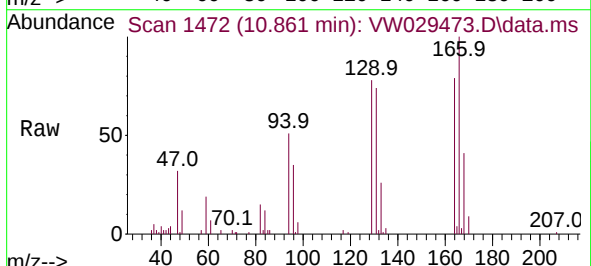
Ion Ratio Lower Upper

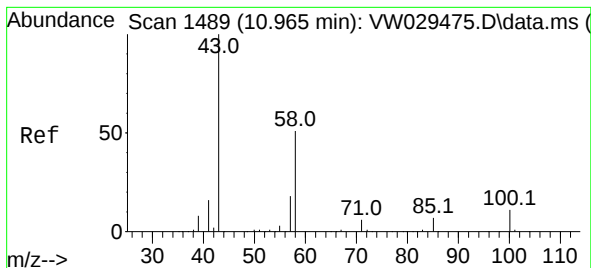
164 100

129 99.1 60.0 111.4

131 93.7 64.6 120.0

166 126.5 80.4 149.2





#48

2-Hexanone

Concen: 4.404 ug/L

RT: 10.971 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 8625

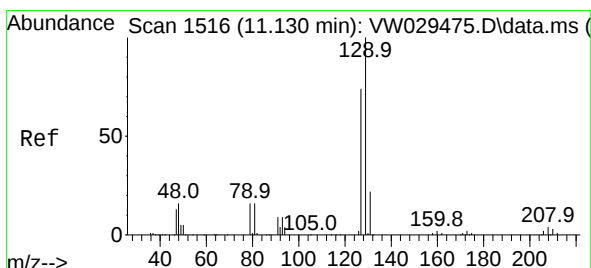
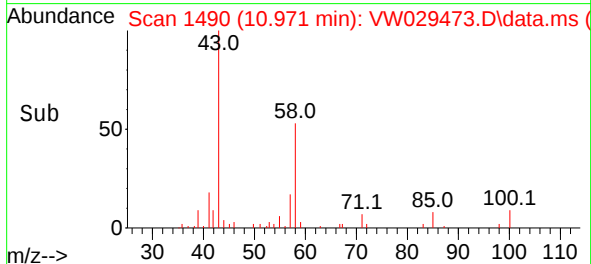
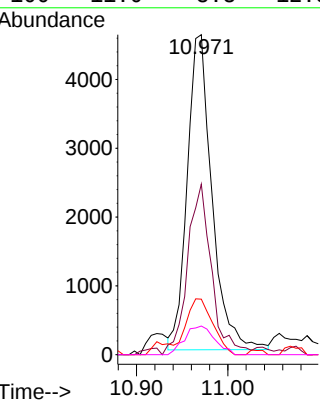
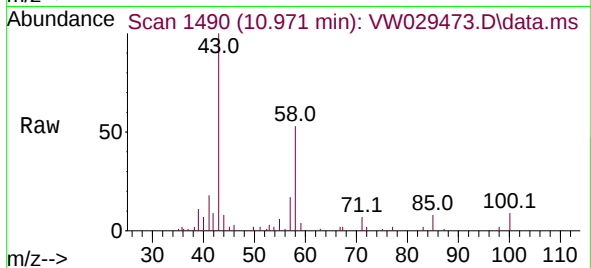
Ion Ratio Lower Upper

43 100

58 49.4 39.8 59.8

57 18.9 14.6 21.8

100 11.0 8.3 12.5



#49

Dibromochloromethane

Concen: 2.187 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029473.D

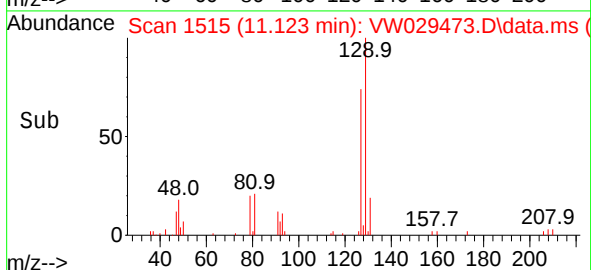
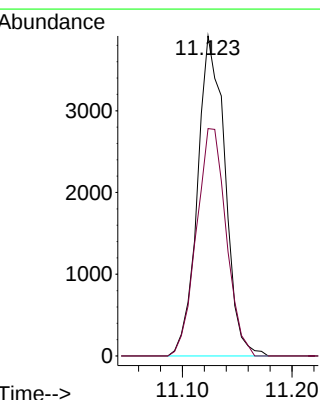
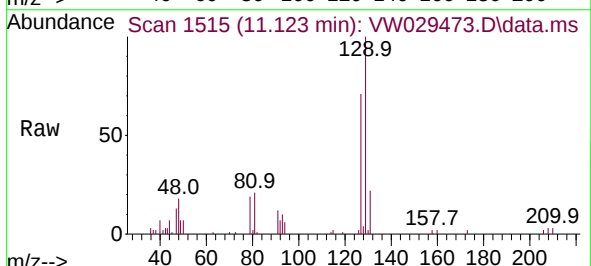
Acq: 08 Jul 2024 11:24

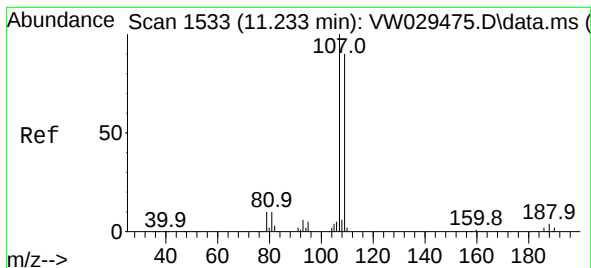
Tgt Ion: 129 Resp: 6816

Ion Ratio Lower Upper

129 100

127 71.1 51.9 96.3





#50

1,2-Dibromoethane

Concen: 2.432 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029473.D

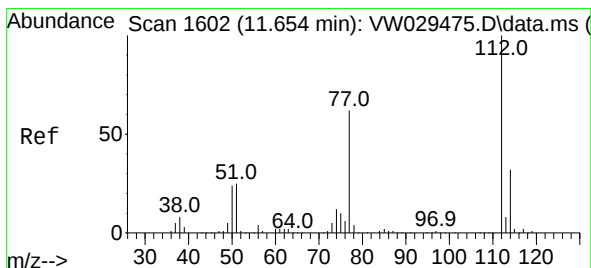
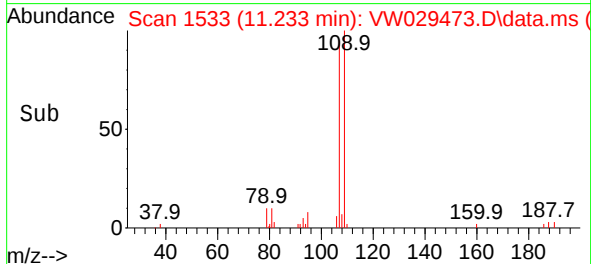
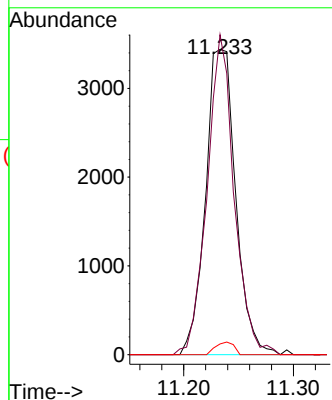
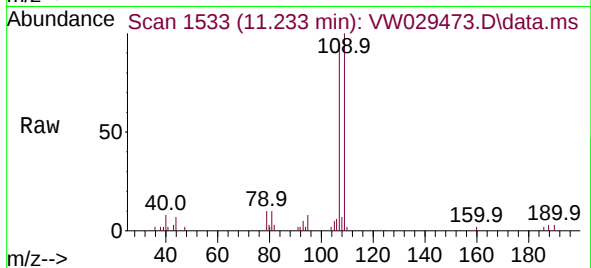
Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	6581
Ion Ratio	Lower	Upper
107	100	
109	104.8	63.2 117.4
188	3.5	2.9 4.3



#51

Chlorobenzene

Concen: 2.292 ug/L

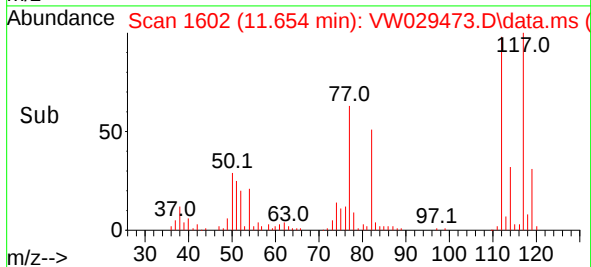
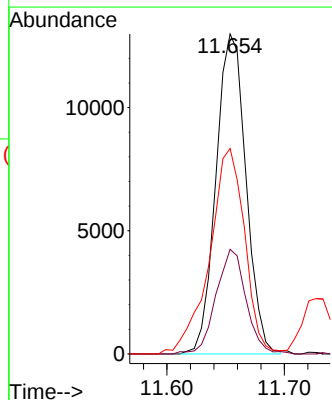
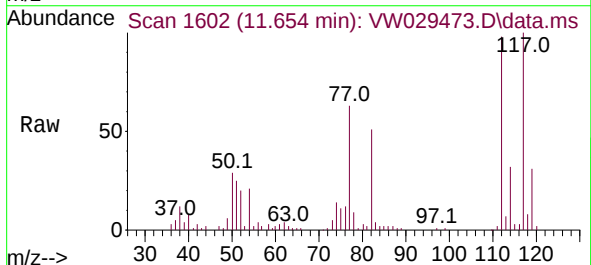
RT: 11.654 min Scan# 1602

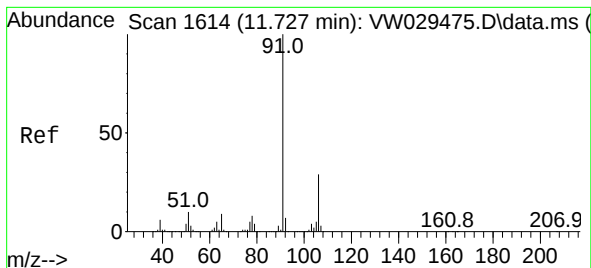
Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Tgt Ion:112	Resp:	23064
Ion Ratio	Lower	Upper
112	100	
114	32.7	22.6 42.0
77	64.2	49.9 74.9

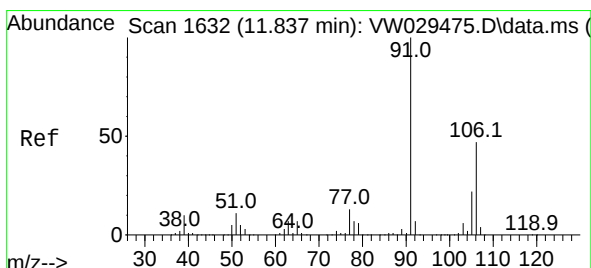
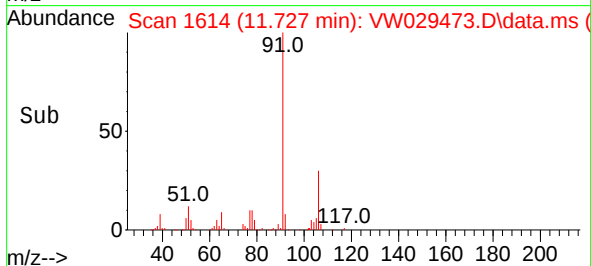
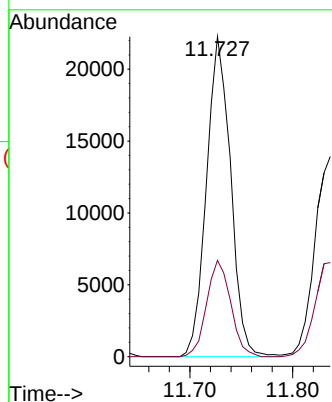
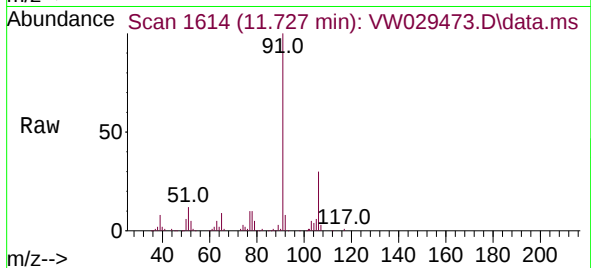




#52
Ethylbenzene
Concen: 2.048 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

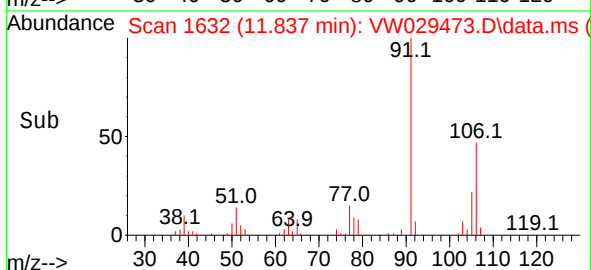
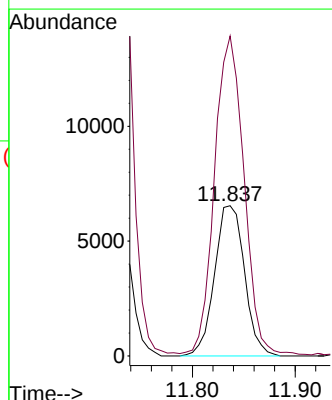
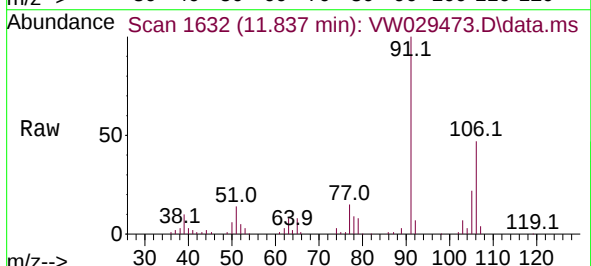
Instrument :
MSVOA_W
ClientSampleId :

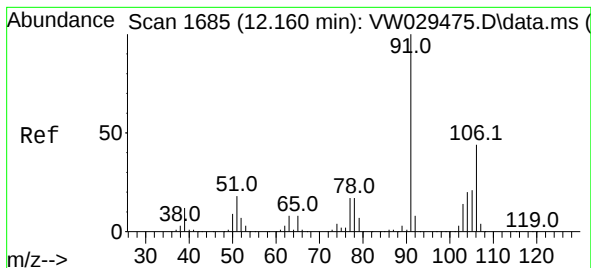
Tgt Ion: 91 Resp: 36344
Ion Ratio Lower Upper
91 100
106 30.1 20.2 37.6



#53
m,p-Xylene
Concen: 2.042 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

Tgt Ion: 106 Resp: 13232
Ion Ratio Lower Upper
106 100
91 213.0 149.3 277.3





#54

o-Xylene

Concen: 1.898 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

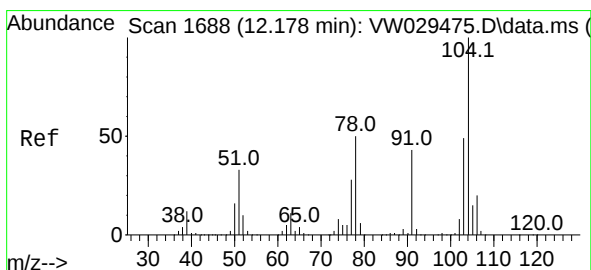
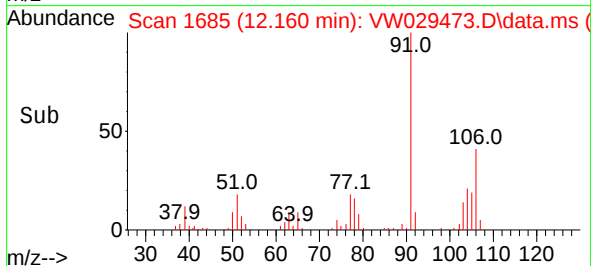
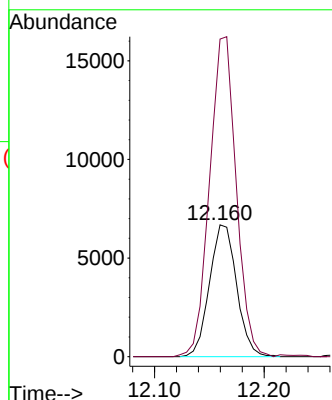
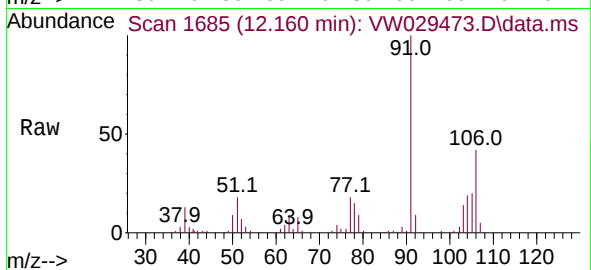
ClientSampleId :

Tgt Ion:106 Resp: 11503

Ion Ratio Lower Upper

106 100

91 240.9 159.2 295.6



#55

Styrene

Concen: 1.931 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029473.D

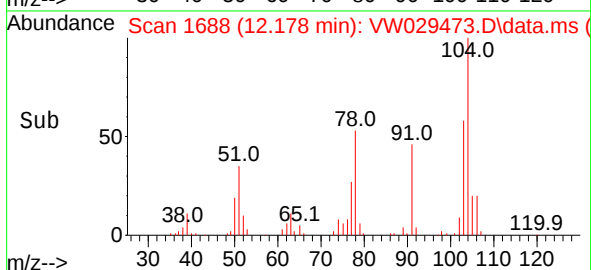
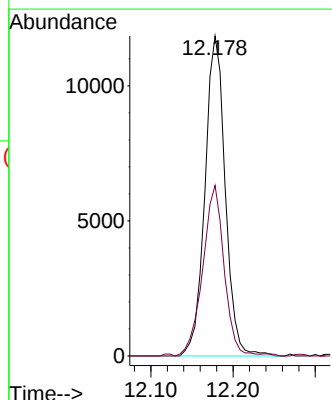
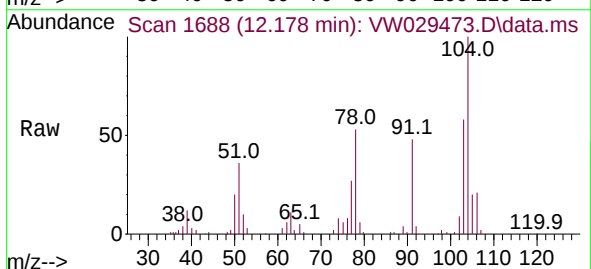
Acq: 08 Jul 2024 11:24

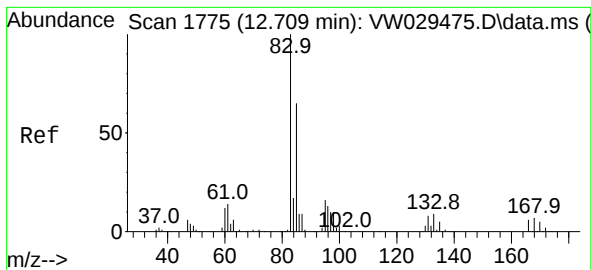
Tgt Ion:104 Resp: 20336

Ion Ratio Lower Upper

104 100

78 53.3 34.7 64.5

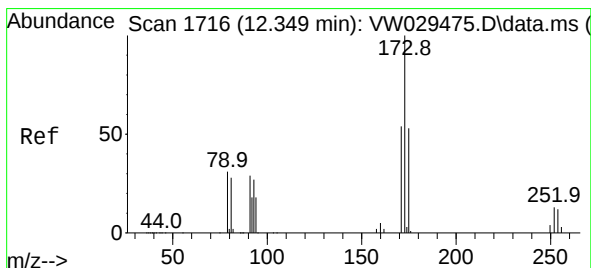
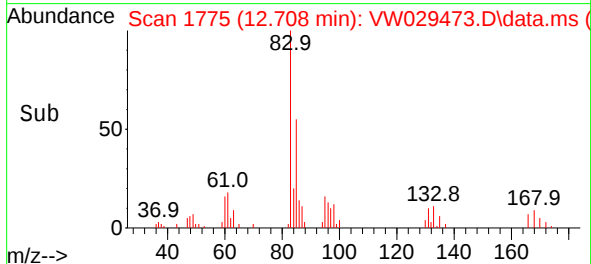
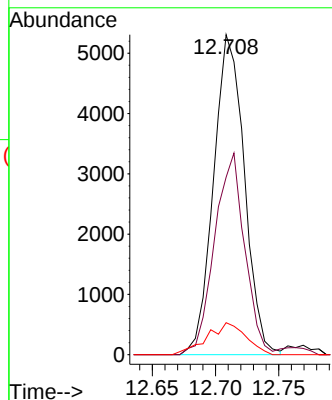
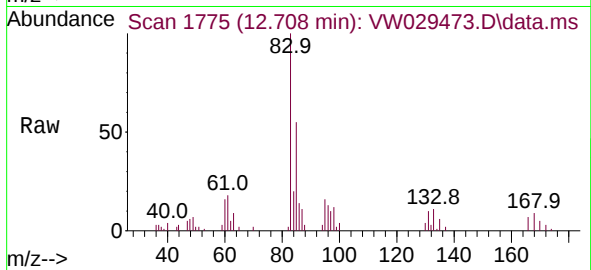




#57
1,1,2,2-Tetrachloroethane
Concen: 2.428 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

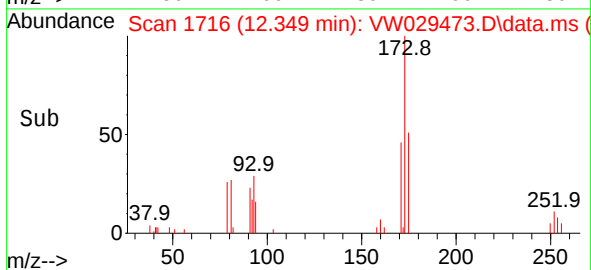
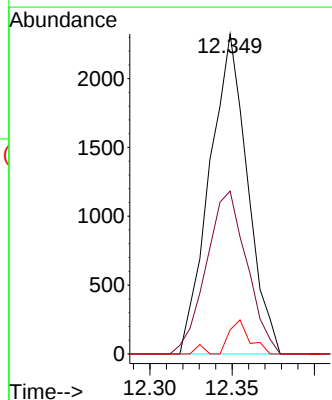
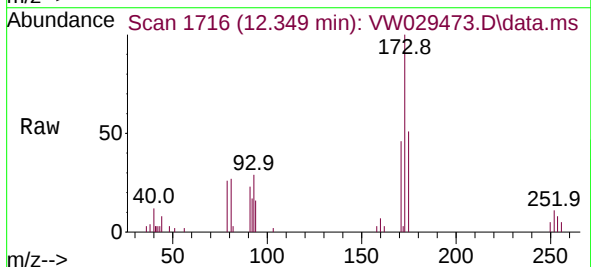
Instrument :
MSVOA_W
ClientSampleId :

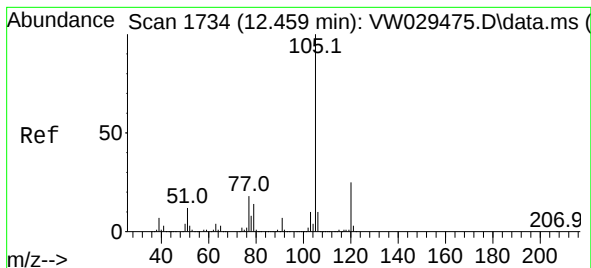
Tgt Ion: 83 Resp: 8998
Ion Ratio Lower Upper
83 100
85 55.4 45.4 84.4
131 10.0 6.4 9.6#



#59
Bromoform
Concen: 2.166 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

Tgt Ion: 173 Resp: 3721
Ion Ratio Lower Upper
173 100
175 54.5 40.4 60.6
254 5.7 8.8 13.2#





#60

Isopropylbenzene

Concen: 1.975 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029473.D

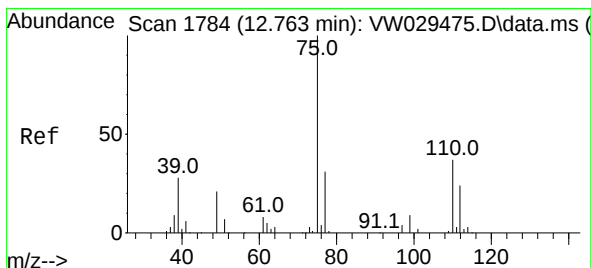
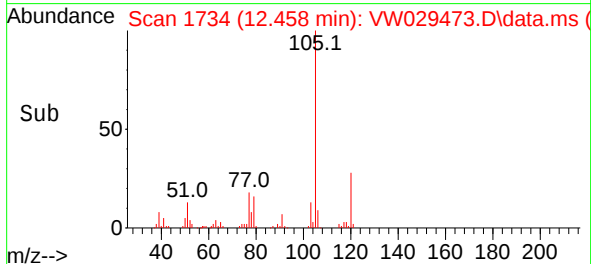
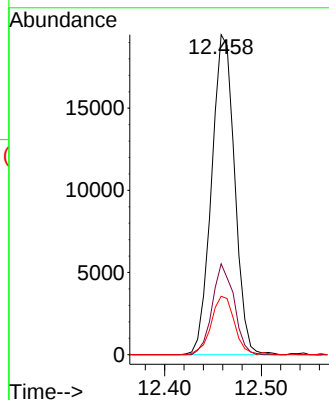
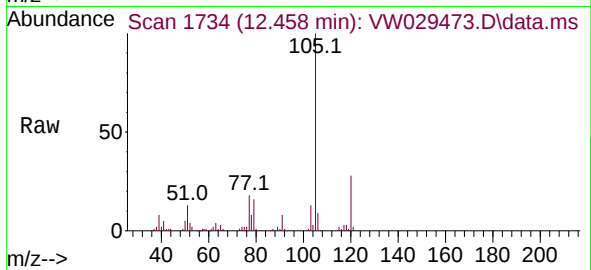
Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105	Resp:	32277
Ion Ratio	Lower	Upper
105	100	
120	26.7	20.2 30.4
77	18.2	13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 2.498 ug/L

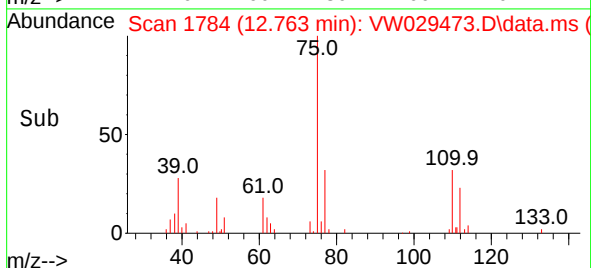
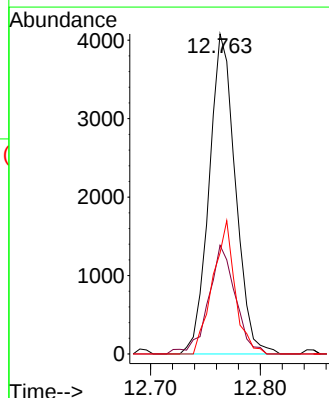
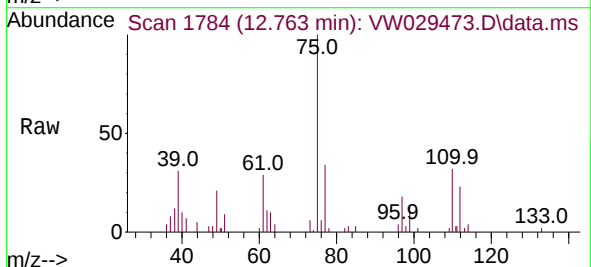
RT: 12.763 min Scan# 1784

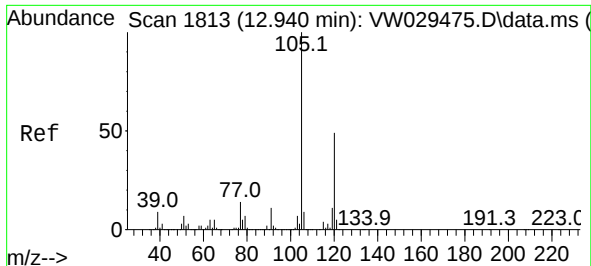
Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Tgt Ion: 75	Resp:	6810
Ion Ratio	Lower	Upper
75	100	
77	33.8	25.5 38.3
110	35.3	29.1 43.7

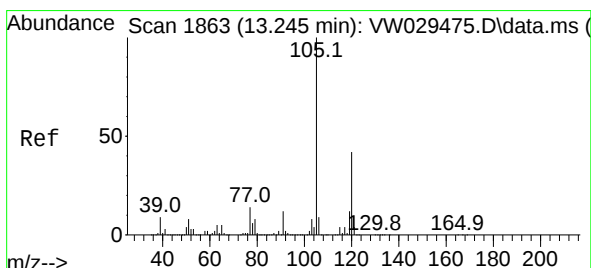
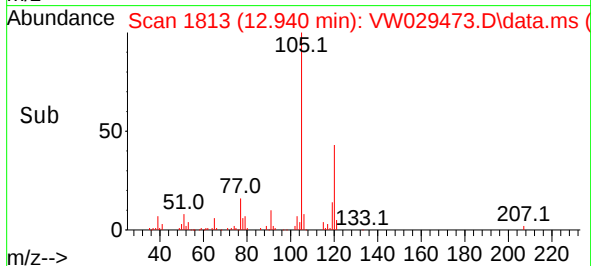
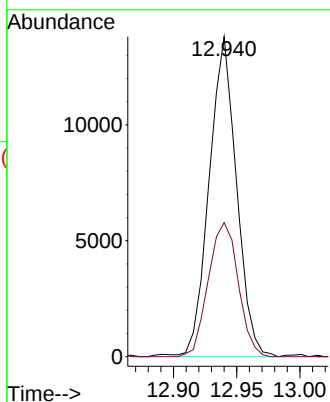
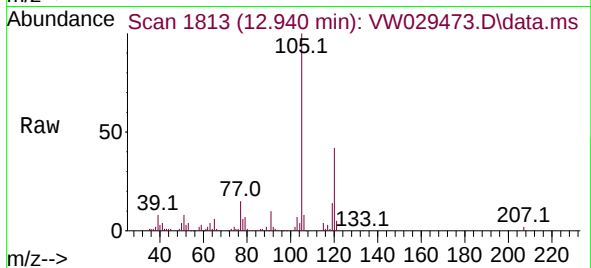




#62
1,3,5-Trimethylbenzene
Concen: 1.739 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

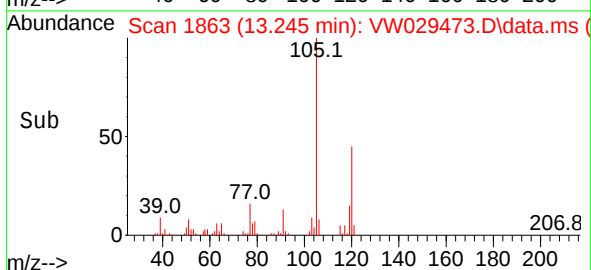
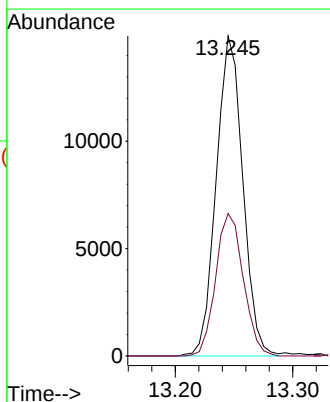
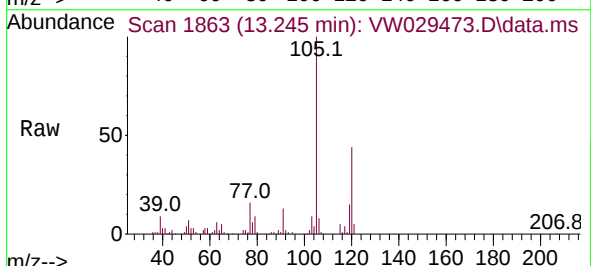
Instrument :
MSVOA_W
ClientSampleId :

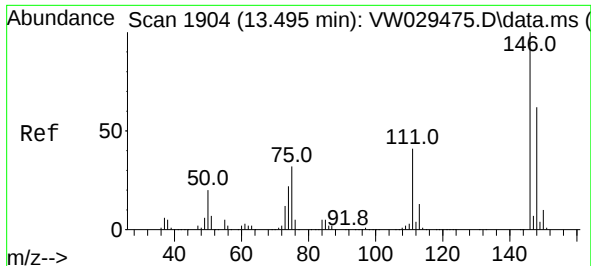
Tgt Ion:105 Resp: 20688
Ion Ratio Lower Upper
105 100
120 45.9 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 1.833 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

Tgt Ion:105 Resp: 23418
Ion Ratio Lower Upper
105 100
120 46.2 34.7 52.1

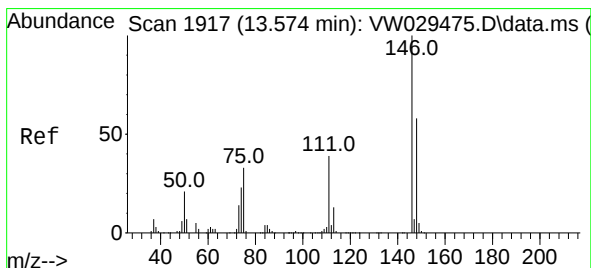
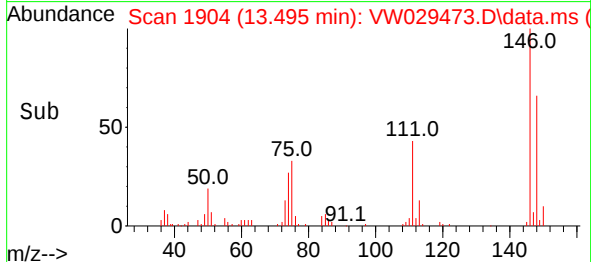
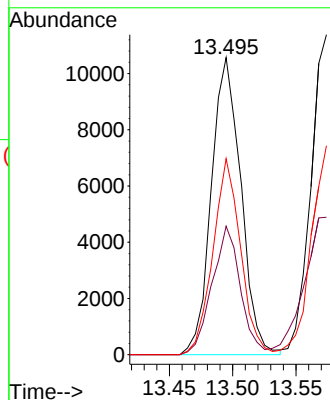
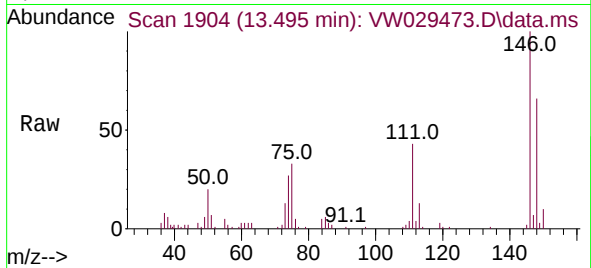




#64
1,3-Dichlorobenzene
Concen: 2.403 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

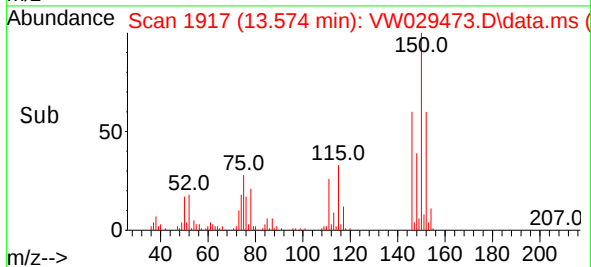
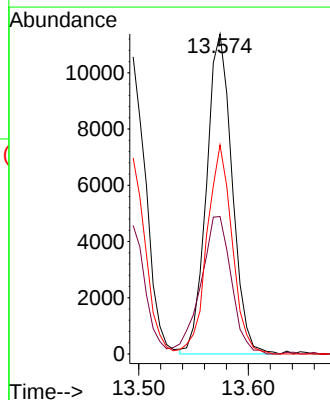
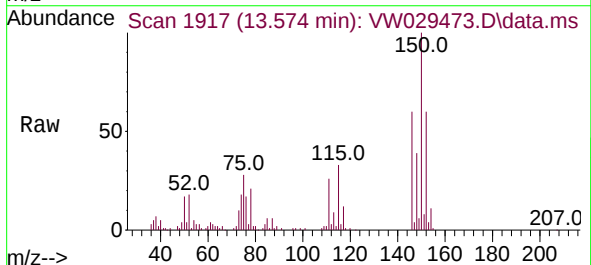
Instrument :
MSVOA_W
ClientSampleId :

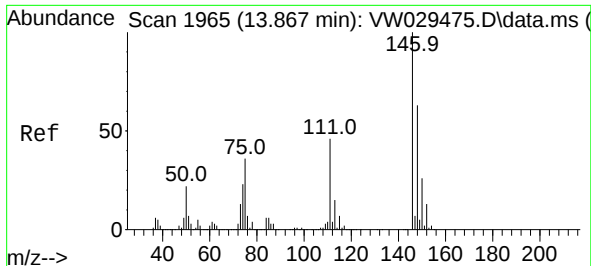
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	28.6	53.2
148	66.0	43.0	80.0



#65
1,4-Dichlorobenzene
Concen: 2.457 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

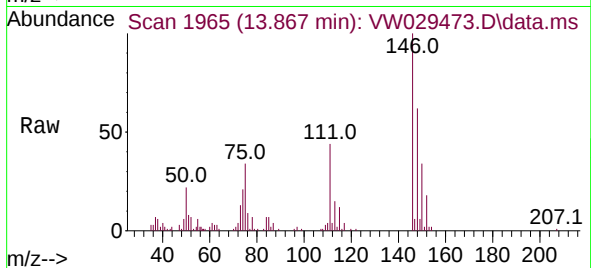
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	27.6	51.4
148	65.3	40.9	75.9



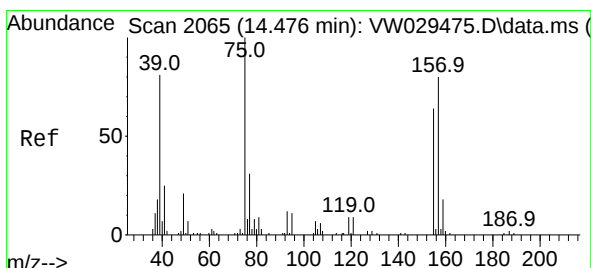
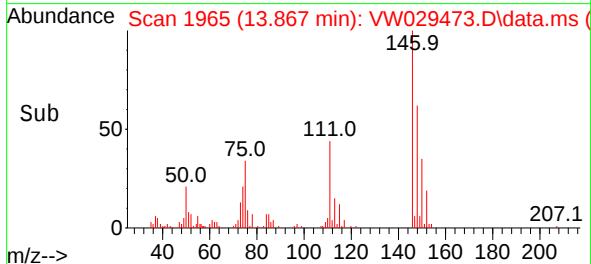
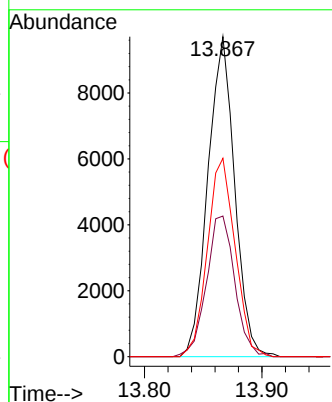


#67
1,2-Dichlorobenzene
Concen: 2.360 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

Instrument :
MSVOA_W
ClientSampleId :

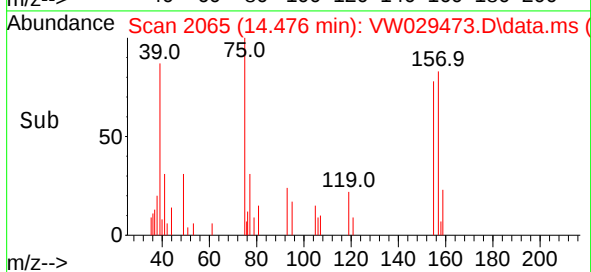
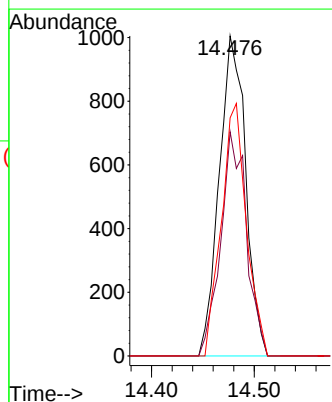
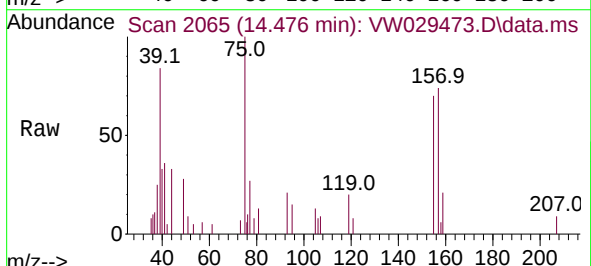


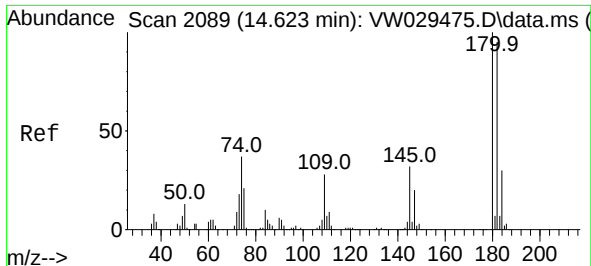
Tgt Ion:146 Resp: 15396
Ion Ratio Lower Upper
146 100
111 43.9 37.1 55.7
148 62.0 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 2.803 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029473.D
Acq: 08 Jul 2024 11:24

Tgt Ion: 75 Resp: 1794
Ion Ratio Lower Upper
75 100
155 70.0 51.2 76.8
157 74.4 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 2.599 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

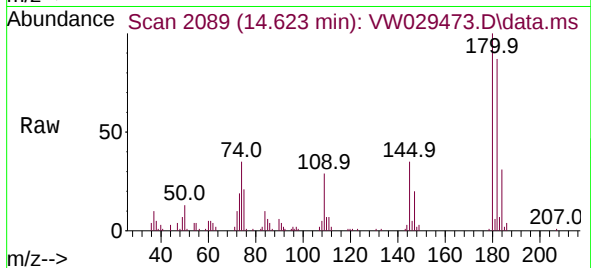
Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 12347

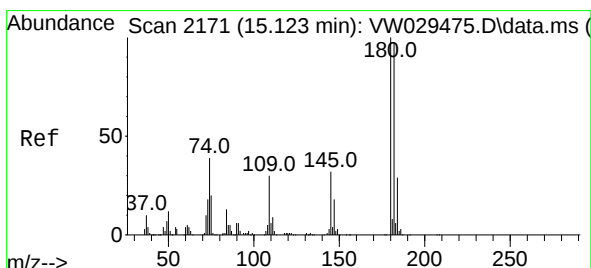
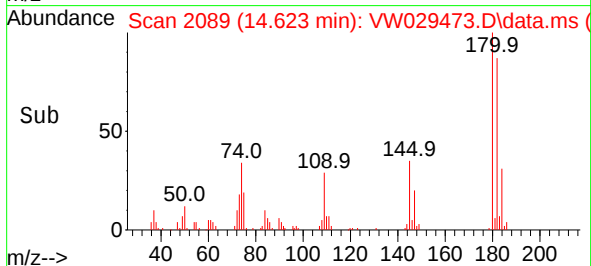
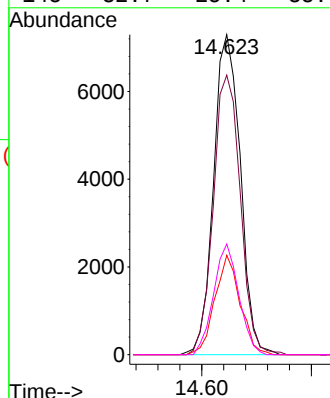
Ion Ratio Lower Upper

180 100

182 88.5 77.9 116.9

184 29.5 24.4 36.6

145 32.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 2.730 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

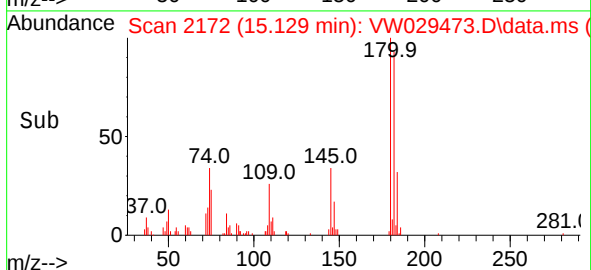
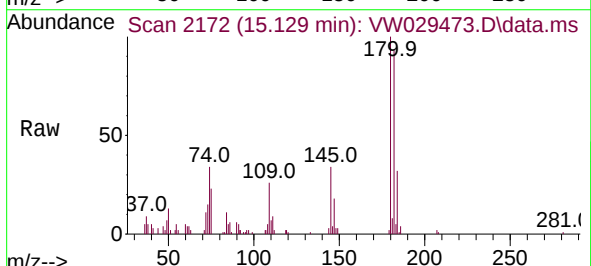
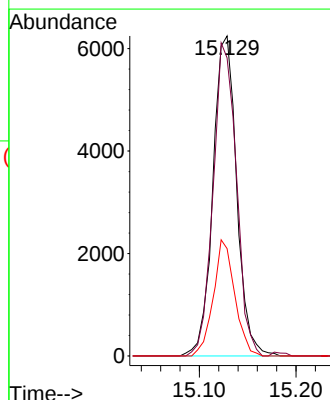
Tgt Ion:180 Resp: 10634

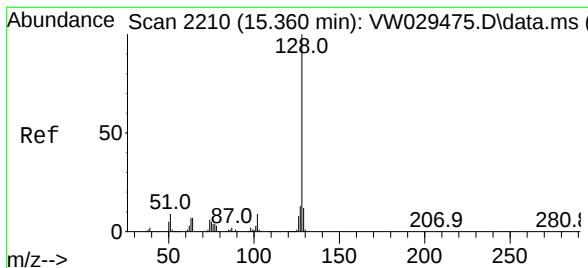
Ion Ratio Lower Upper

180 100

182 95.8 74.7 112.1

145 32.8 26.2 39.2





#71

Naphthalene

Concen: 2.459 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

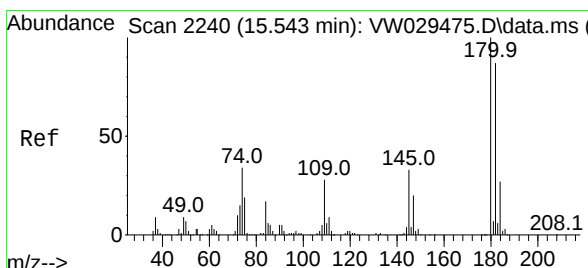
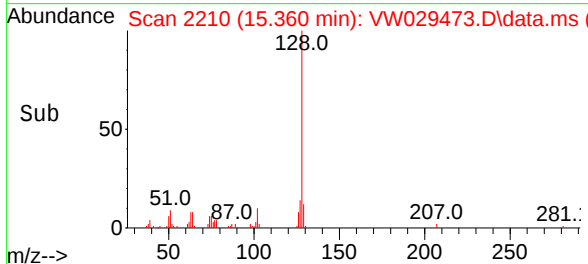
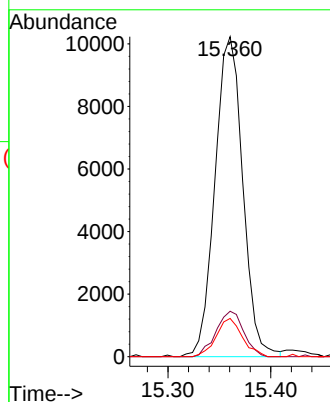
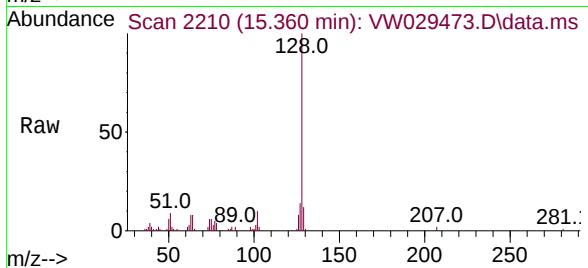
Tgt Ion:128 Resp: 19232

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 2.743 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW029473.D

Acq: 08 Jul 2024 11:24

Tgt Ion:180 Resp: 9840

Ion Ratio Lower Upper

180 100

182 102.5 73.4 110.0

145 39.2 26.9 40.3

