

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029168.D
 Acq On : 18 Jun 2024 10:19
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 00:53:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 00:51:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	246805	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	228714	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113923	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80143	23.461	ug/L	0.00
7) Chloroethane-d5	2.893	69	67921	23.916	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	37670	22.839	ug/L	0.00
21) 2-Butanone-d5	7.075	46	46184	45.188	ug/L	0.00
24) Chloroform-d	7.648	84	173831	23.611	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	99578	23.557	ug/L	0.00
32) Benzene-d6	8.276	84	344520	24.800	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	105736	23.944	ug/L	0.00
41) Toluene-d8	10.319	98	312447	25.421	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	42012	23.608	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	32380	47.365	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80921	23.024	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	97021	24.535	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	46417	18.384	ug/L	100
3) Chloromethane	2.223	50	67746	19.732	ug/L	100
5) Vinyl chloride	2.375	62	82394	20.897	ug/L	100
6) Bromomethane	2.789	94	49073	20.708	ug/L	100
8) Chloroethane	2.930	64	50833	21.079	ug/L	100
9) Trichlorofluoromethane	3.265	101	69023	22.431	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	64893	20.300	ug/L	90
12) 1,1-Dichloroethene	4.045	96	63622	22.247	ug/L	100
13) Acetone	4.119	43	35359	40.710	ug/L	100
14) Carbon disulfide	4.393	76	195098	20.899	ug/L	100
15) Methyl Acetate	4.667	43	36313	21.060	ug/L	100
16) Methylene chloride	4.929	84	82010	18.897	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	69369	21.843	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	112826	22.215	ug/L	100
19) 1,1-Dichloroethane	6.216	63	150887	21.998	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	77318	22.077	ug/L	100
22) 2-Butanone	7.173	43	51210	43.124	ug/L	100
23) Bromochloromethane	7.508	128	33657	21.588	ug/L	100
25) Chloroform	7.679	83	150090	22.409	ug/L	100
27) 1,2-Dichloroethane	8.398	62	106962	21.653	ug/L	100
29) Cyclohexane	7.959	56	118836	22.728	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	111579	21.939	ug/L	100
31) Carbon tetrachloride	8.069	117	102074	21.971	ug/L	100
33) Benzene	8.325	78	316233	23.012	ug/L	100
34) Trichloroethene	9.093	95	80135	21.857	ug/L	100
35) Methylcyclohexane	9.337	83	133004	23.067	ug/L	100
37) 1,2-Dichloropropane	9.368	63	87075	22.540	ug/L	100
38) Bromodichloromethane	9.642	83	104471	22.127	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	124456	22.800	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	104806	43.790	ug/L	100
42) Toluene	10.386	91	334593	23.684	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	103805	22.522	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029168.D
 Acq On : 18 Jun 2024 10:19
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 00:53:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 00:51:34 2024
 Response via : Initial Calibration

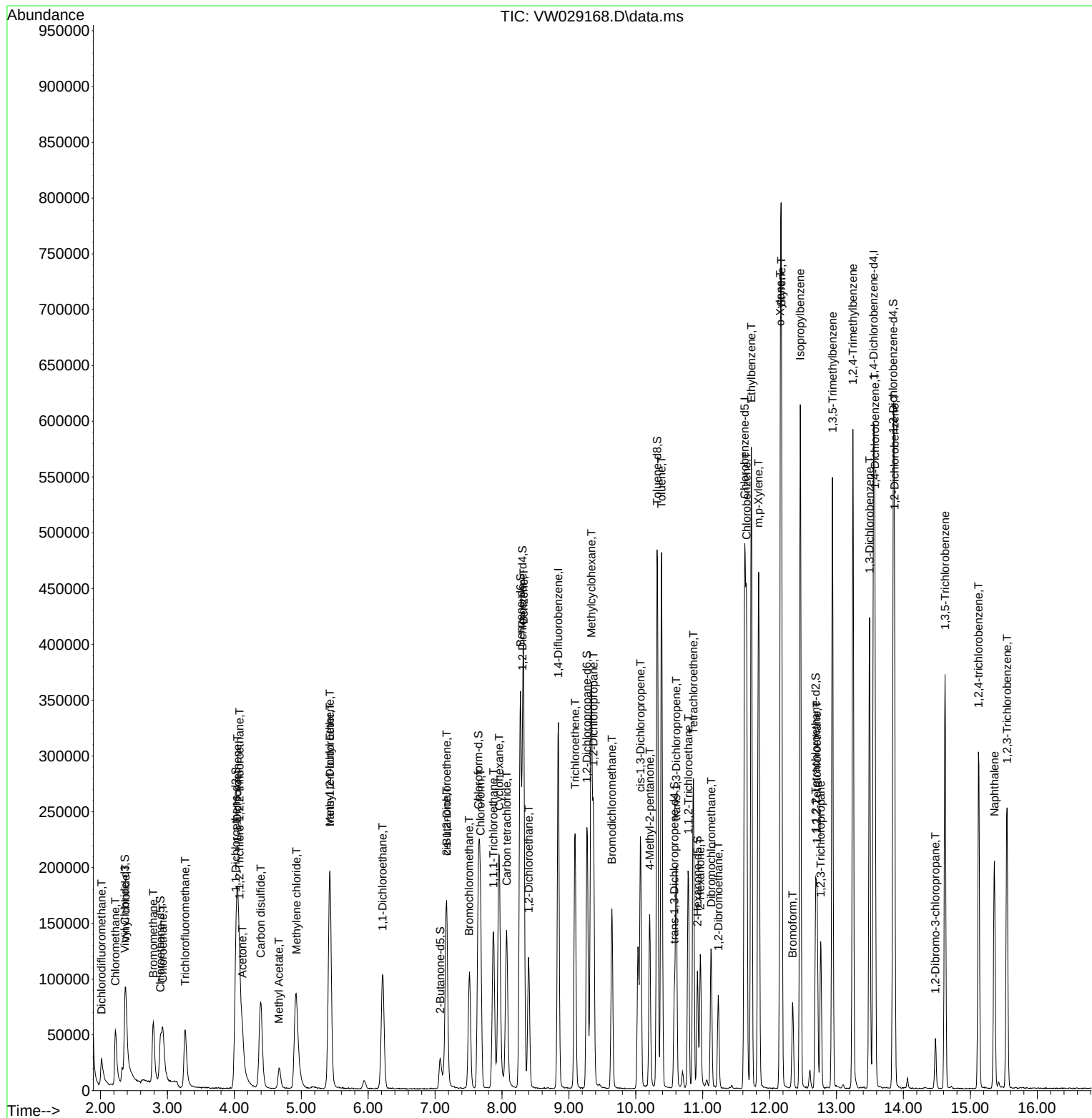
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	58546	21.769	ug/L	100
46) Tetrachloroethene	10.861	164	56140	21.904	ug/L	100
48) 2-Hexanone	10.965	43	77418	45.586	ug/L	100
49) Dibromochloromethane	11.129	129	63401	22.552	ug/L	100
50) 1,2-Dibromoethane	11.233	107	53578	22.193	ug/L	100
51) Chlorobenzene	11.654	112	206944	22.557	ug/L	100
52) Ethylbenzene	11.727	91	377777	23.557	ug/L	100
53) m,p-Xylene	11.837	106	138767	23.690	ug/L	100
54) o-Xylene	12.160	106	129197	23.600	ug/L	100
55) Styrene	12.178	104	228600	23.949	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	72706	21.855	ug/L	100
59) Bromoform	12.343	173	33003	21.137	ug/L	100
60) Isopropylbenzene	12.459	105	367262	24.194	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	52788	21.244	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	274241	24.945	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	294418	24.891	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	151674	23.089	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	159458	22.814	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	143439	23.619	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	11718	20.208	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	102853	23.199	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	85649	23.832	ug/L	100
71) Naphthalene	15.360	128	163424	23.039	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	76263	23.289	ug/L	100

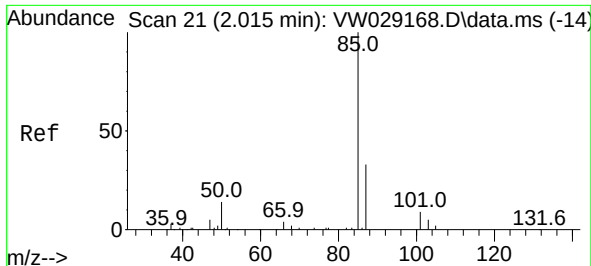
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029168.D
 Acq On : 18 Jun 2024 10:19
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 00:53:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 00:51:34 2024
 Response via : Initial Calibration

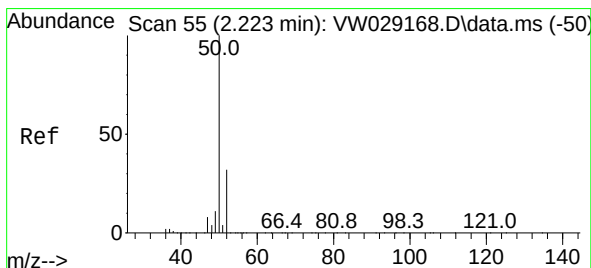
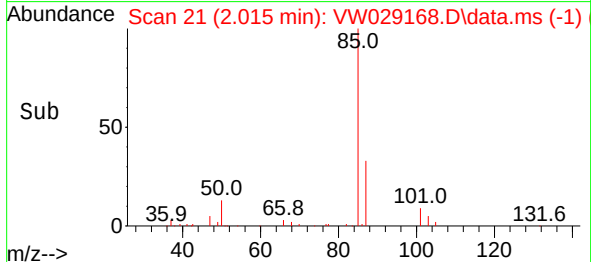
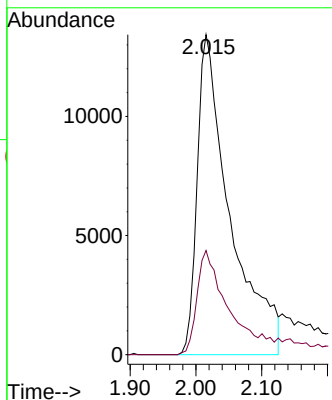
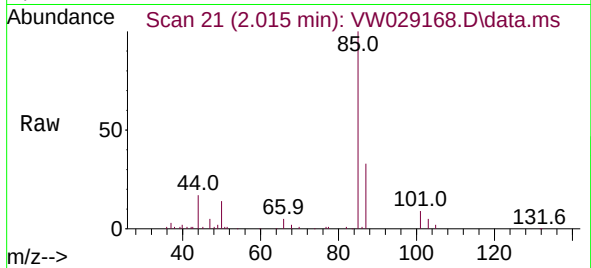




#2
Dichlorodifluoromethane
Concen: 18.384 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

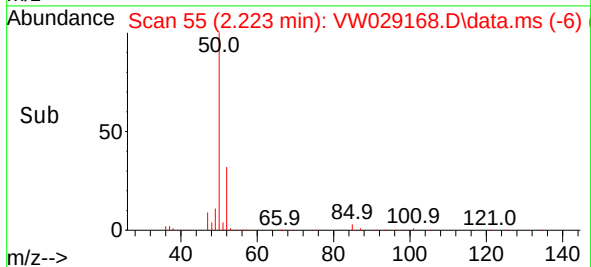
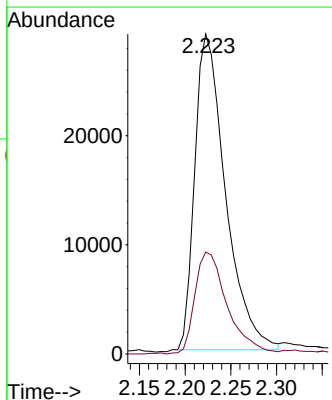
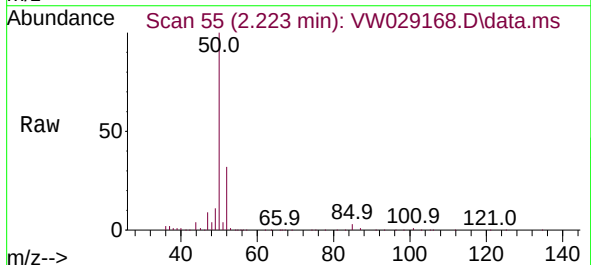
Instrument :
MSVOA_W
ClientSampleId :

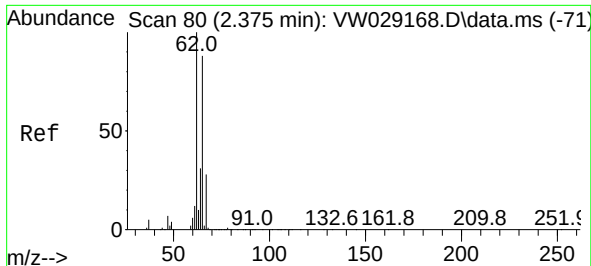
Tgt Ion: 85 Resp: 46417
Ion Ratio Lower Upper
85 100
87 29.7 23.8 35.6



#3
Chloromethane
Concen: 19.732 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

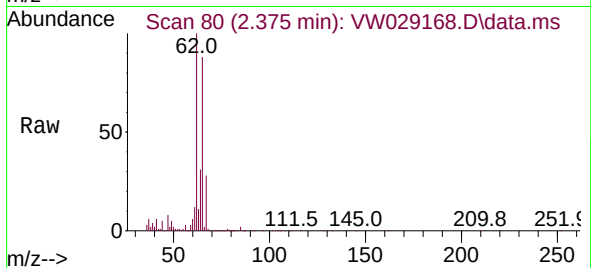
Tgt Ion: 50 Resp: 67746
Ion Ratio Lower Upper
50 100
52 31.9 22.3 41.5



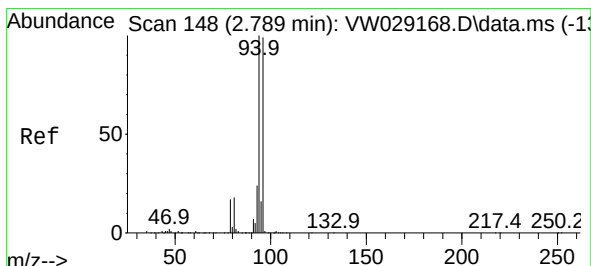
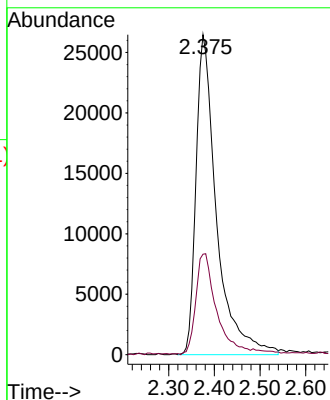
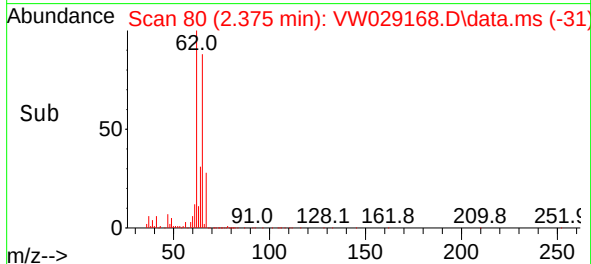


#5
 Vinyl chloride
 Concen: 20.897 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029168.D
 Acq: 18 Jun 2024 10:19

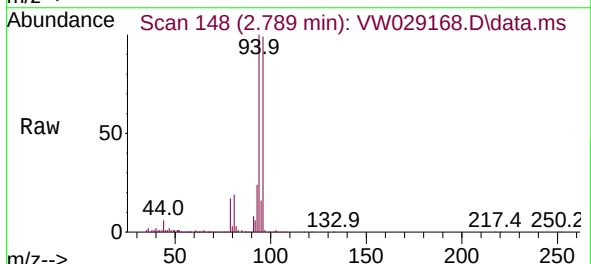
Instrument :
 MSVOA_W
 ClientSampleId :



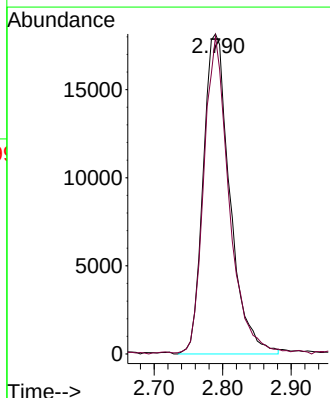
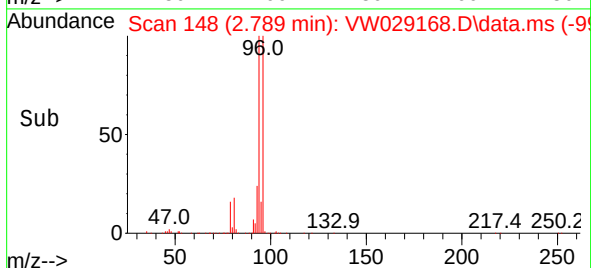
Tgt Ion: 62 Resp: 82394
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.0 40.8

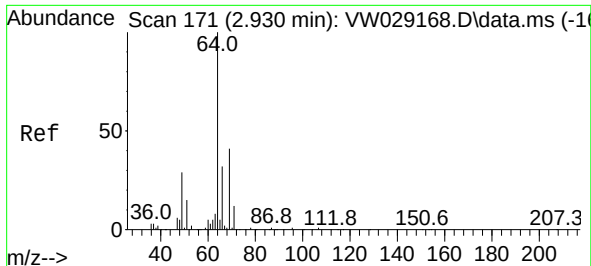


#6
 Bromomethane
 Concen: 20.708 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029168.D
 Acq: 18 Jun 2024 10:19



Tgt Ion: 94 Resp: 49073
 Ion Ratio Lower Upper
 94 100
 96 99.3 69.5 129.1

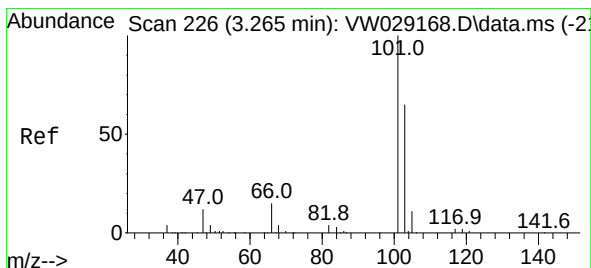
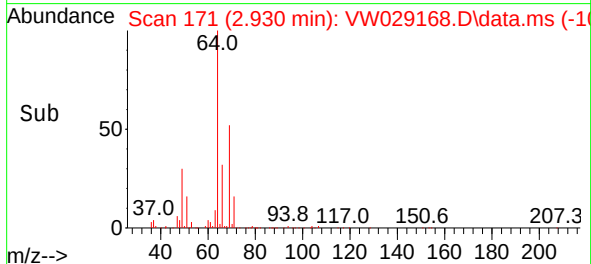
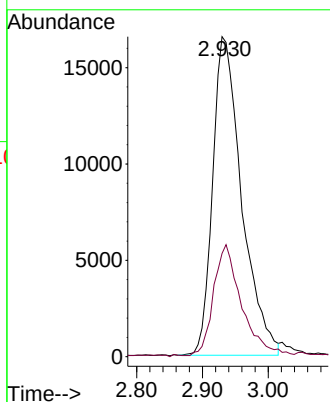
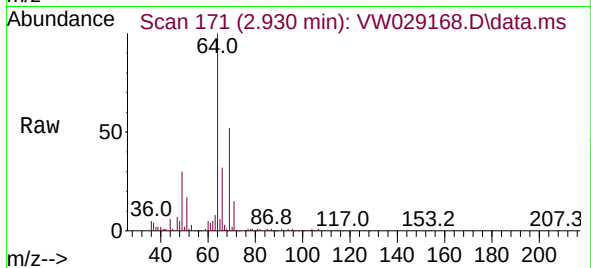




#8
Chloroethane
Concen: 21.079 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

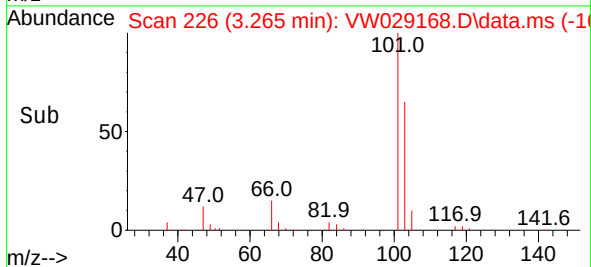
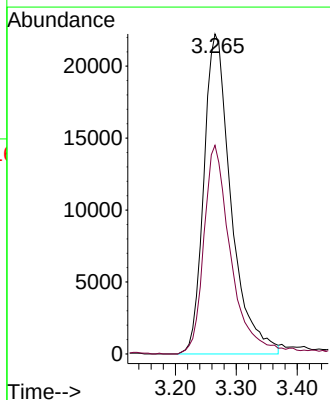
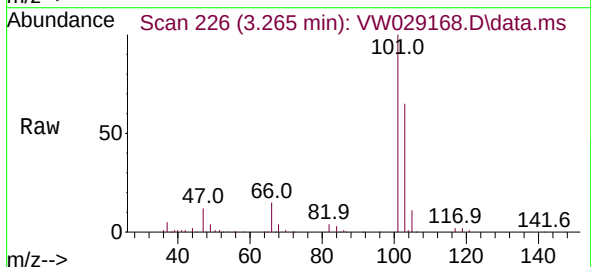
Instrument :
MSVOA_W
ClientSampleId :

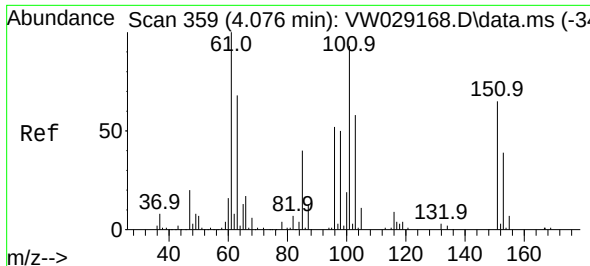
Tgt Ion: 64 Resp: 50833
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.431 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion:101 Resp: 69023
Ion Ratio Lower Upper
101 100
103 63.5 50.8 76.2





#10

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

Concen: 20.300 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

ClientSampleId :

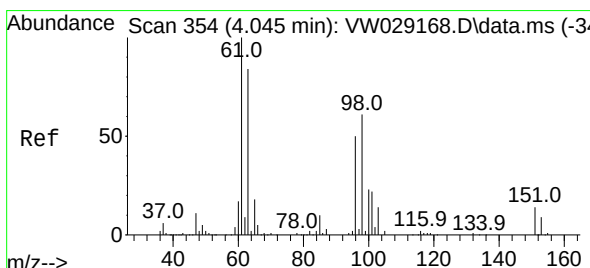
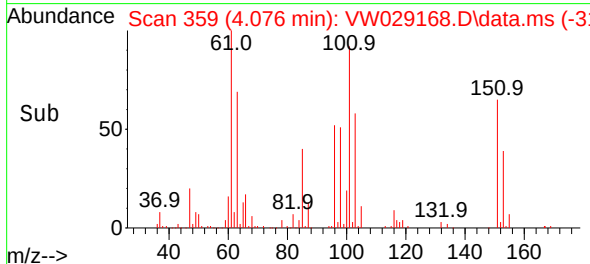
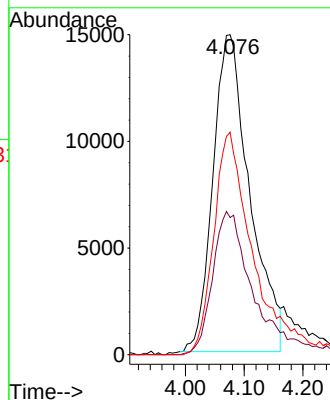
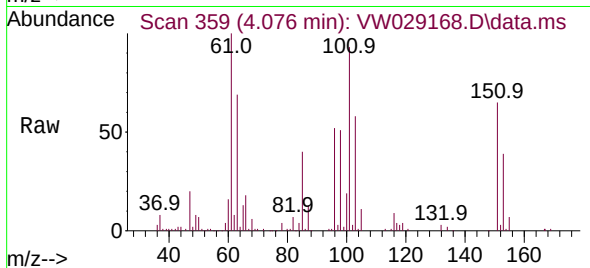
Tgt Ion:101 Resp: 64893

Ion Ratio Lower Upper

101 100

85 42.8 30.2 45.2

151 74.2 52.2 78.4



#12

1,1-Dichloroethene

Concen: 22.247 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

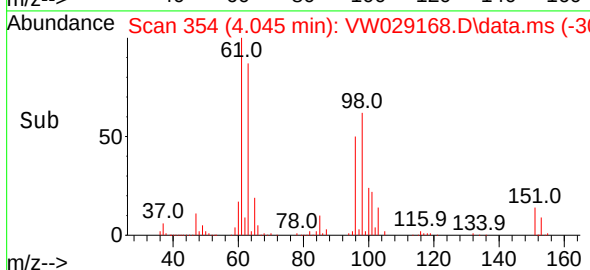
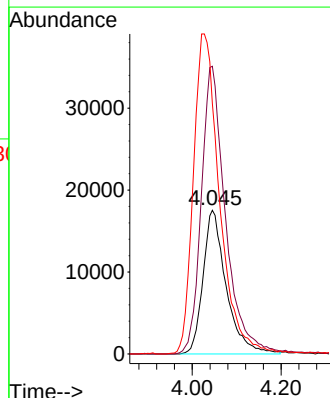
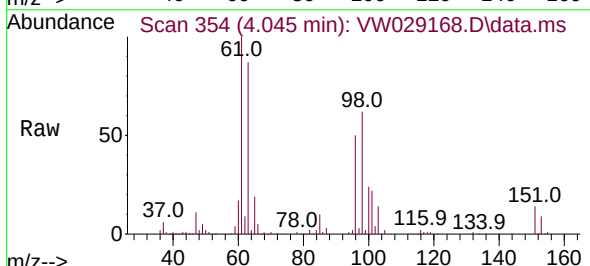
Tgt Ion: 96 Resp: 63622

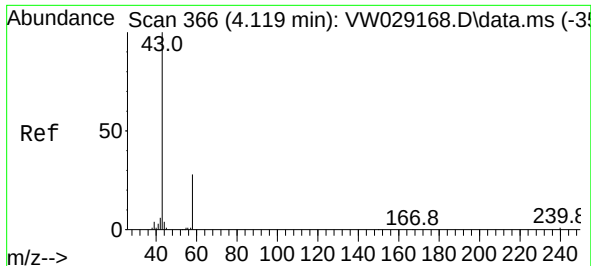
Ion Ratio Lower Upper

96 100

61 200.2 140.1 260.3

63 174.3 122.0 226.6

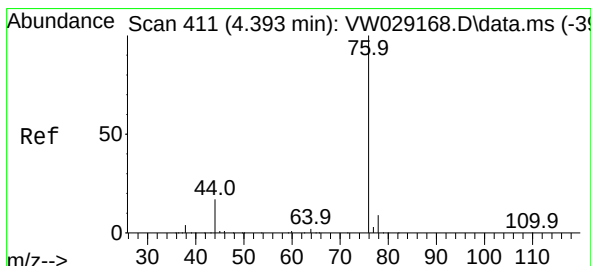
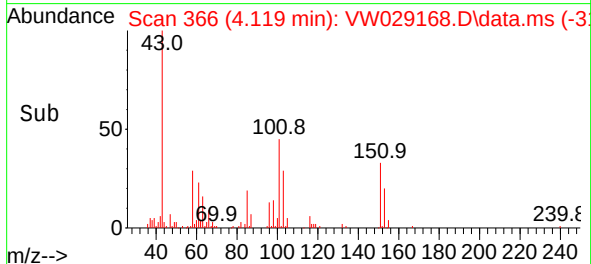
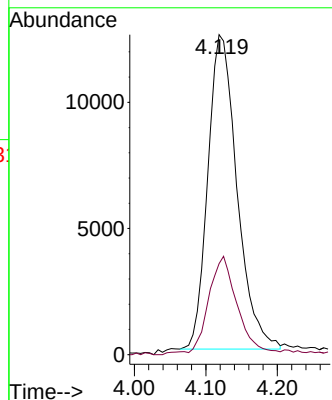
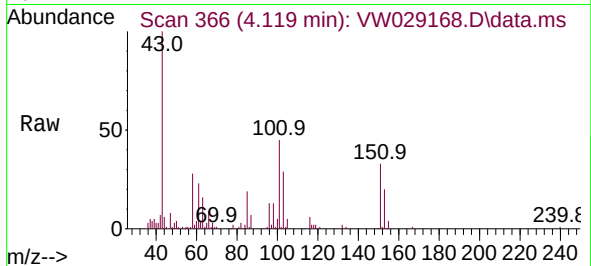




#13
Acetone
Concen: 40.710 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

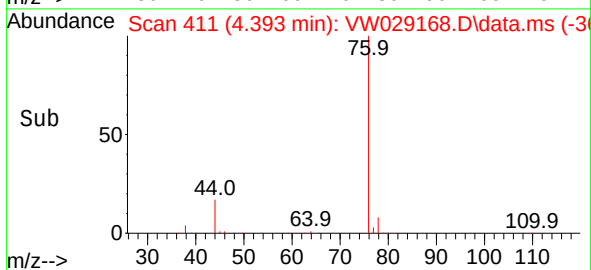
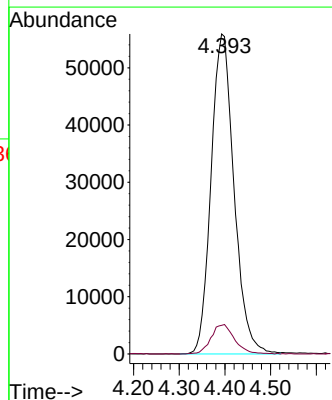
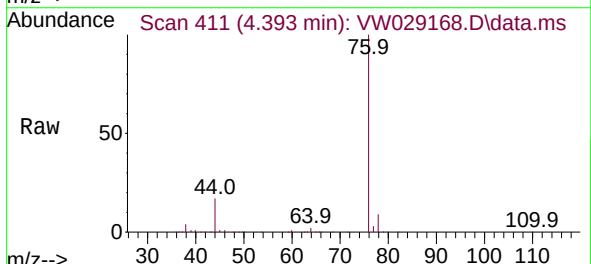
Instrument :
MSVOA_W
ClientSampleId :

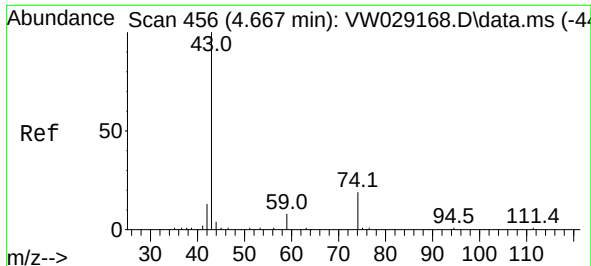
Tgt Ion: 43 Resp: 35359
Ion Ratio Lower Upper
43 100
58 30.7 0.0 61.4



#14
Carbon disulfide
Concen: 20.899 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion: 76 Resp: 195098
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 21.060 ug/L

RT: 4.667 min Scan# 456

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

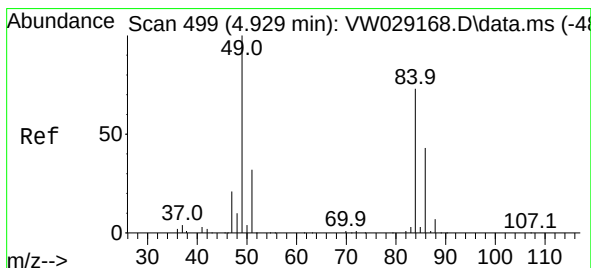
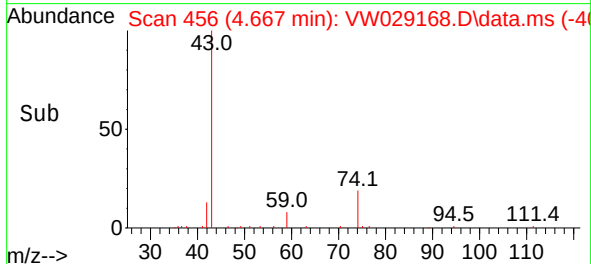
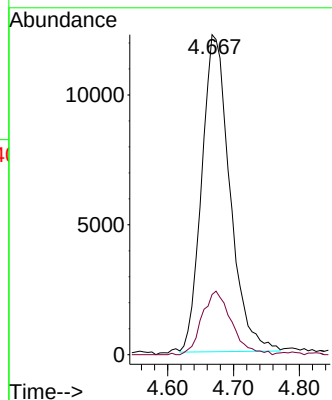
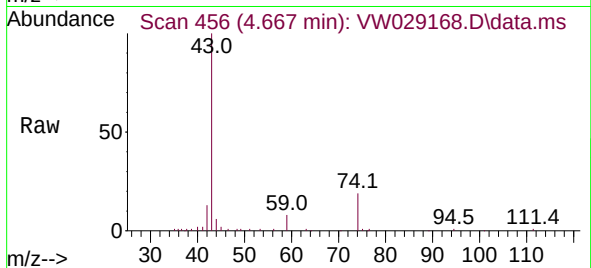
ClientSampleId :

Tgt Ion: 43 Resp: 36313

Ion Ratio Lower Upper

43 100

74 20.8 16.6 25.0



#16

Methylene chloride

Concen: 18.897 ug/L

RT: 4.929 min Scan# 499

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

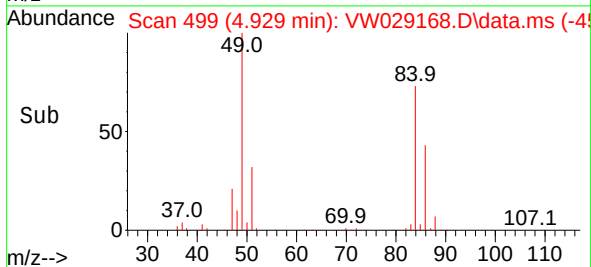
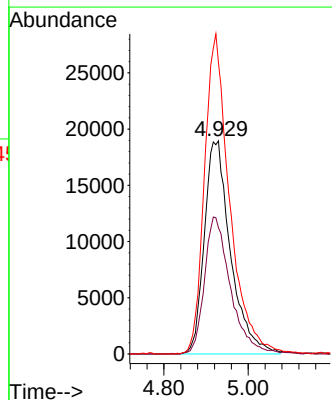
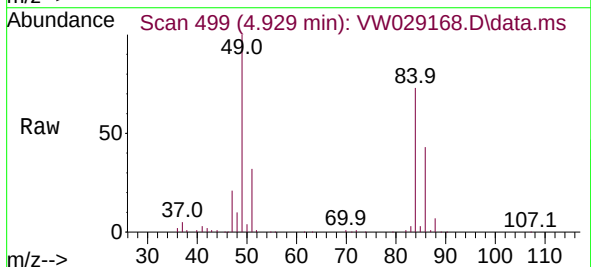
Tgt Ion: 84 Resp: 82010

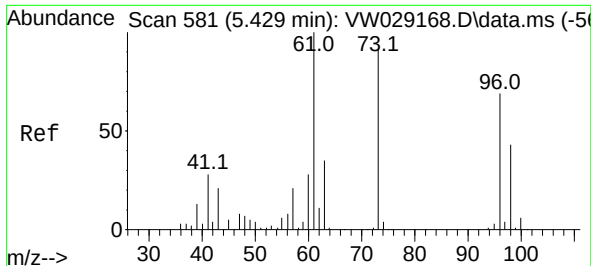
Ion Ratio Lower Upper

84 100

86 59.2 41.4 77.0

49 136.7 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 21.843 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

ClientSampleId :

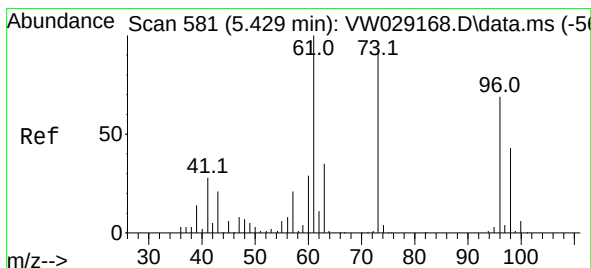
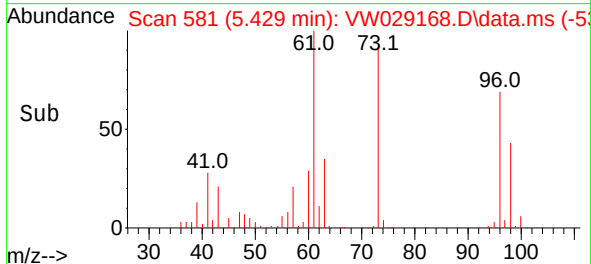
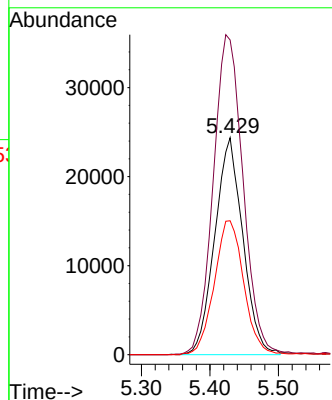
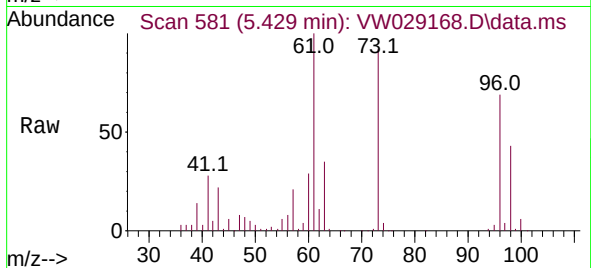
Tgt Ion: 96 Resp: 69369

Ion Ratio Lower Upper

96 100

61 145.0 101.5 188.5

98 61.8 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 22.215 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

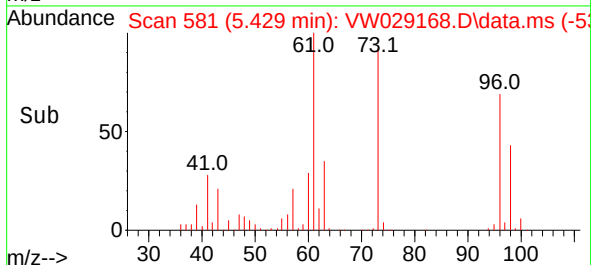
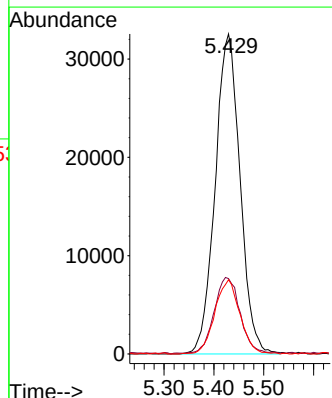
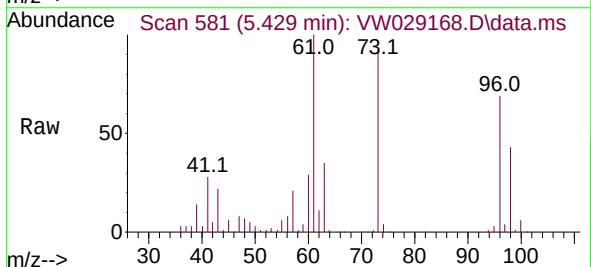
Tgt Ion: 73 Resp: 112826

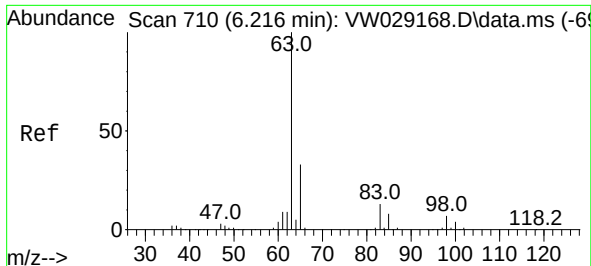
Ion Ratio Lower Upper

73 100

43 24.4 19.5 29.3

57 23.0 18.4 27.6





#19

1,1-Dichloroethane

Concen: 21.998 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

ClientSampleId :

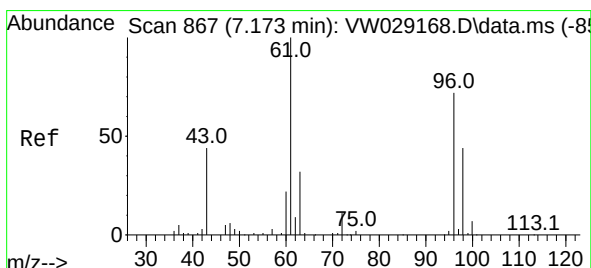
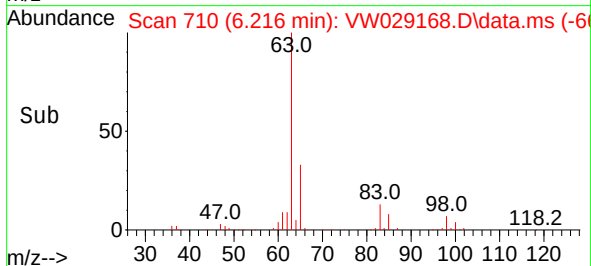
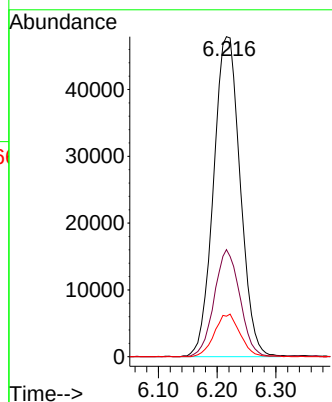
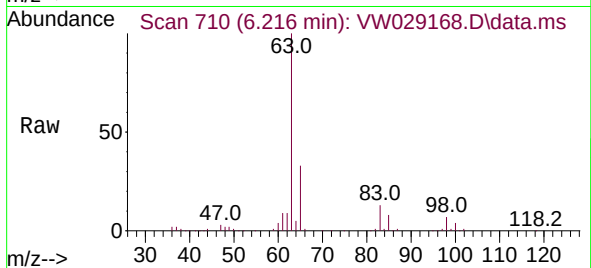
Tgt Ion: 63 Resp: 150887

Ion Ratio Lower Upper

63 100

65 33.4 23.4 43.4

83 12.7 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 22.077 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

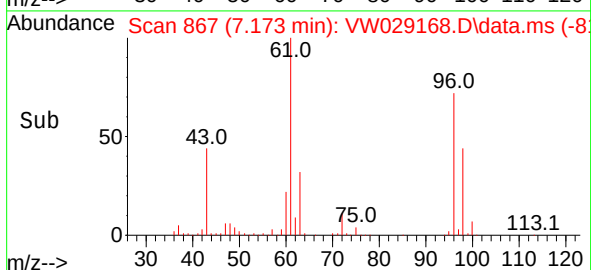
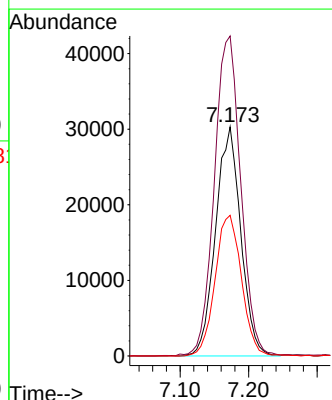
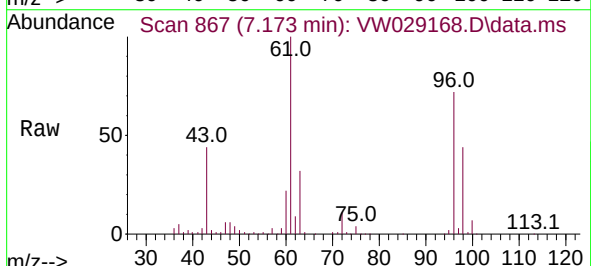
Tgt Ion: 96 Resp: 77318

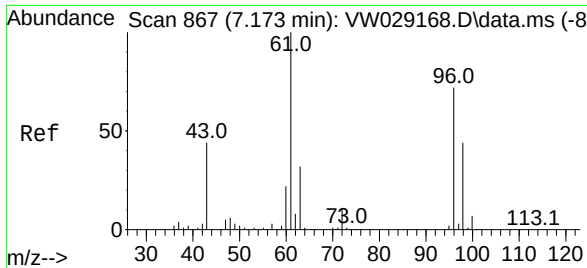
Ion Ratio Lower Upper

96 100

61 139.7 97.8 181.6

98 61.4 43.0 79.8

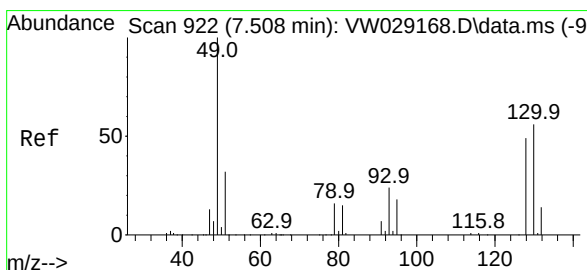
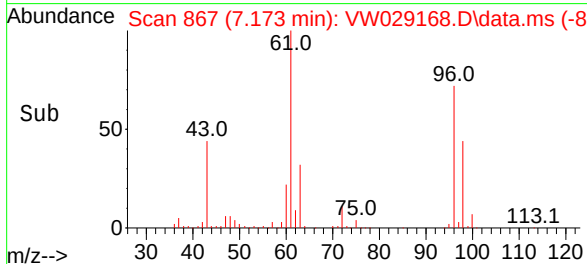
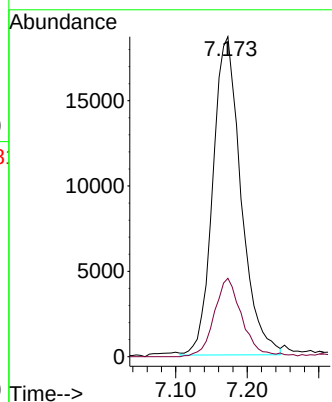
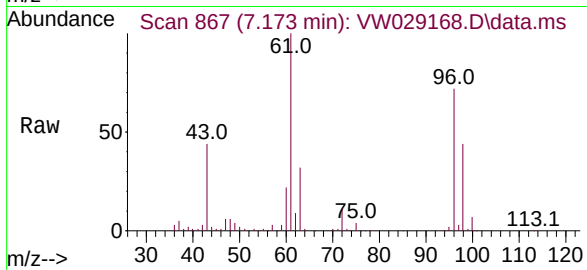




#22
2-Butanone
Concen: 43.124 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

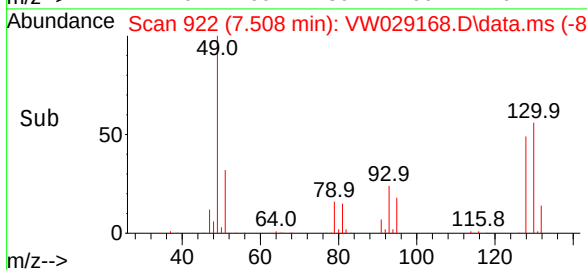
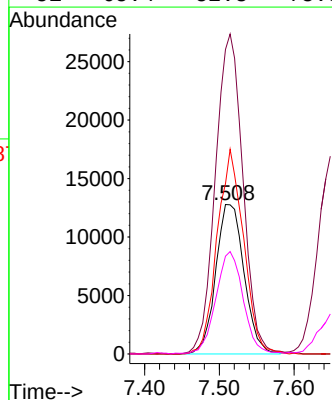
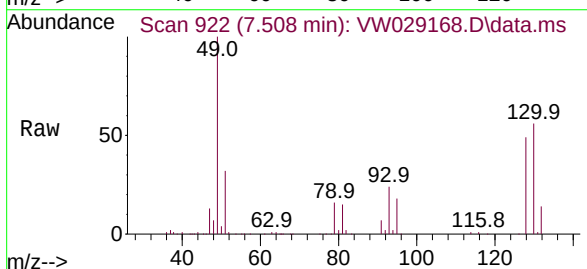
Instrument :
MSVOA_W
ClientSampleId :

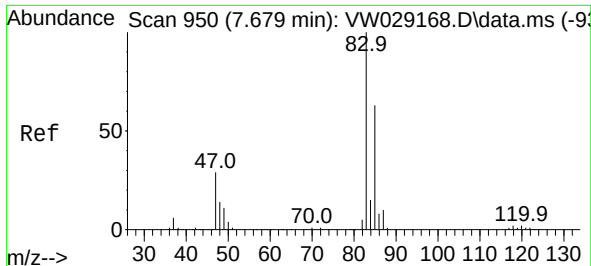
Tgt Ion: 43 Resp: 51210
Ion Ratio Lower Upper
43 100
72 23.9 11.9 35.7



#23
Bromochloromethane
Concen: 21.588 ug/L
RT: 7.508 min Scan# 922
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion:128 Resp: 33657
Ion Ratio Lower Upper
128 100
49 203.7 142.6 264.8
130 113.9 79.7 148.1
51 65.4 52.3 78.5





#25

Chloroform

Concen: 22.409 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

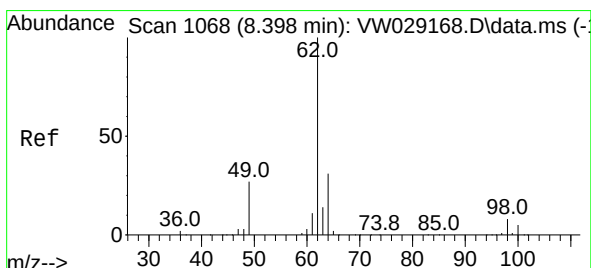
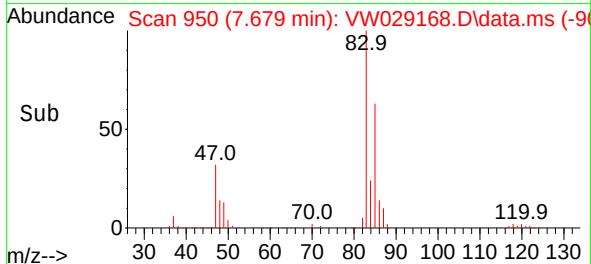
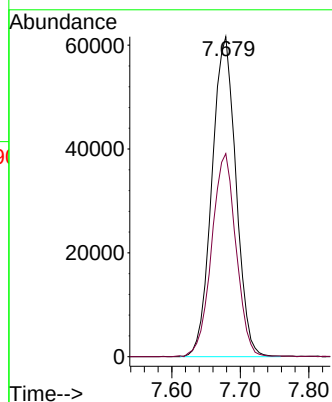
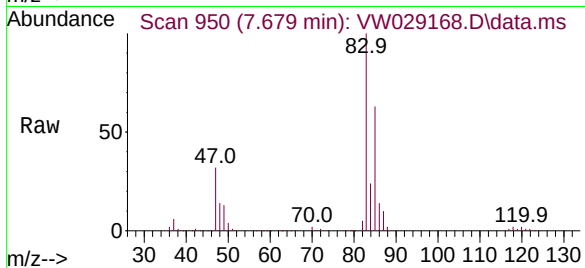
ClientSampleId :

Tgt Ion: 83 Resp: 150090

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 21.653 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029168.D

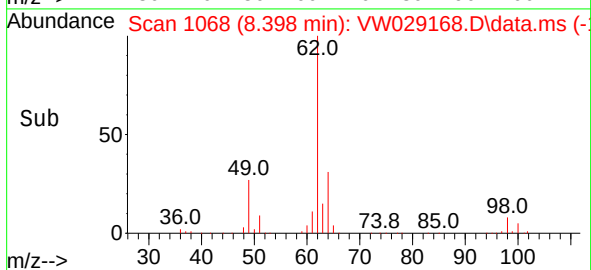
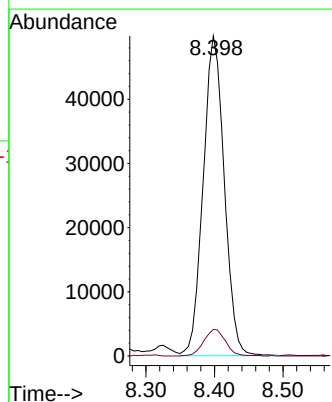
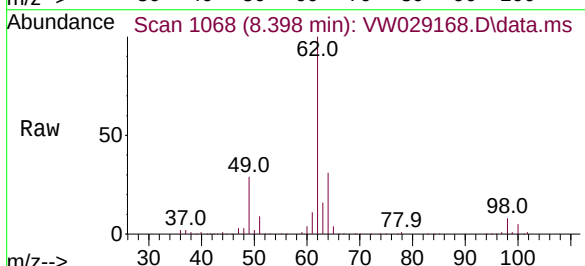
Acq: 18 Jun 2024 10:19

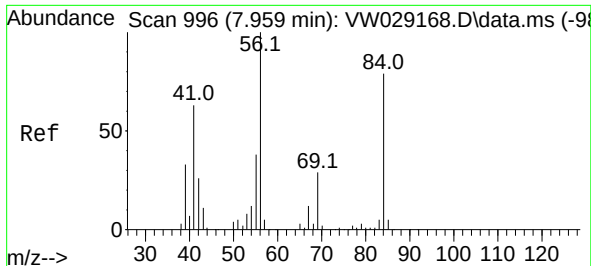
Tgt Ion: 62 Resp: 106962

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 22.728 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

ClientSampleId :

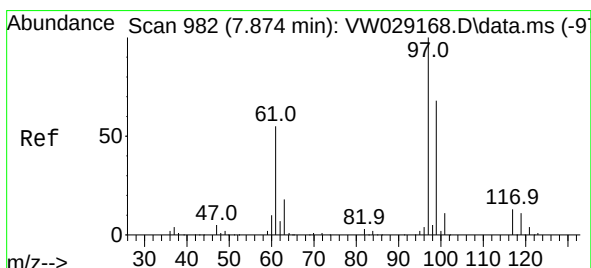
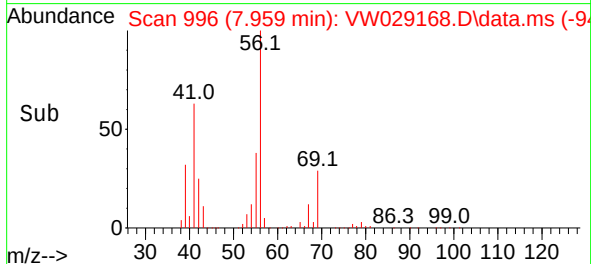
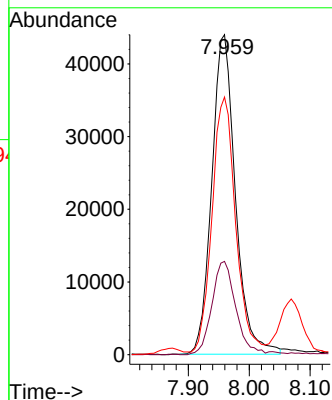
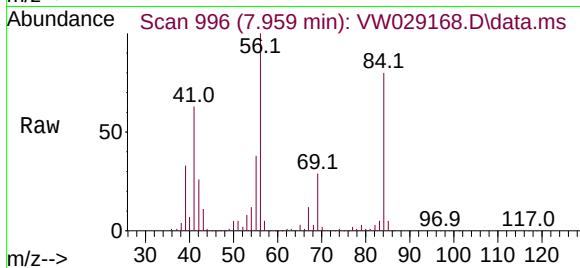
Tgt Ion: 56 Resp: 118836

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 80.6 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 21.939 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

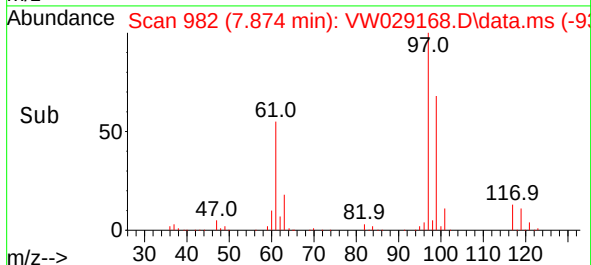
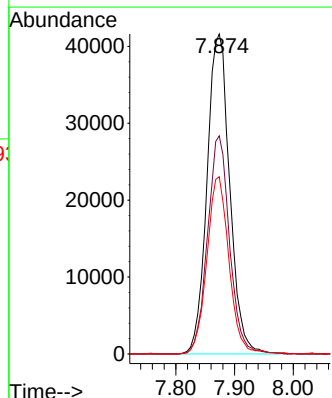
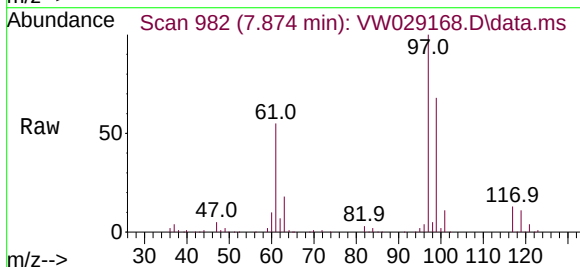
Tgt Ion: 97 Resp: 111579

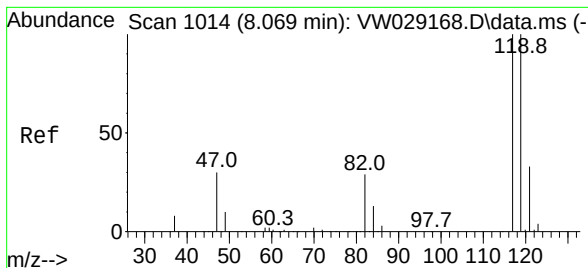
Ion Ratio Lower Upper

97 100

99 66.2 53.0 79.4

61 53.7 43.0 64.4

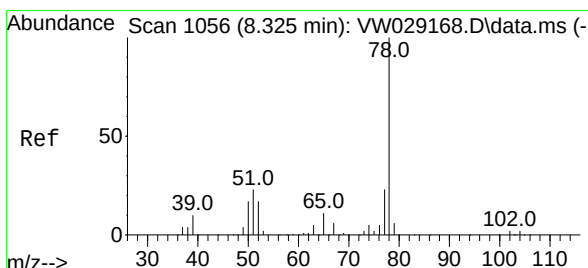
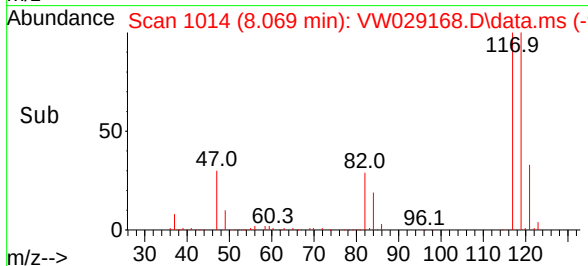
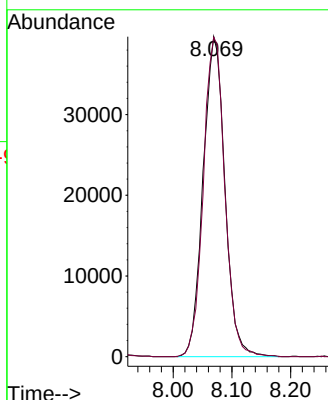
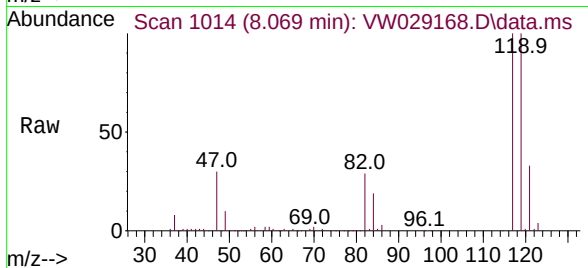




#31
Carbon tetrachloride
Concen: 21.971 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

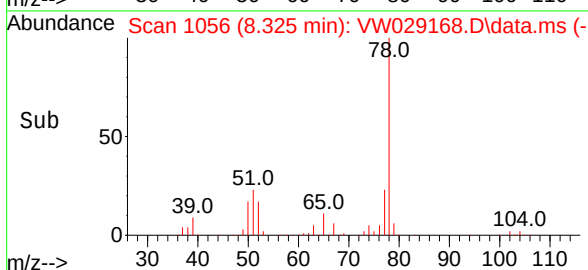
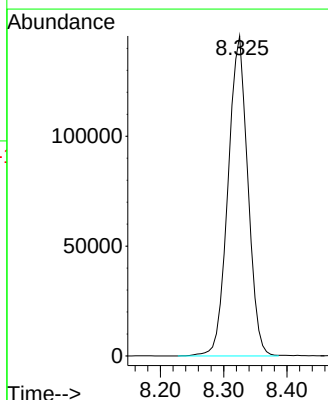
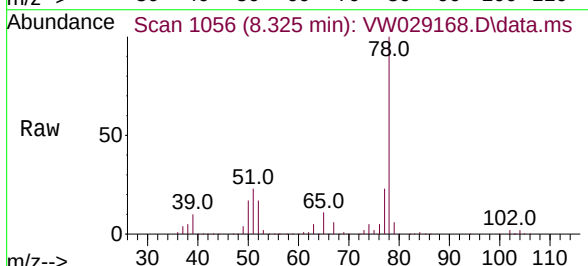
Instrument :
MSVOA_W
ClientSampleId :

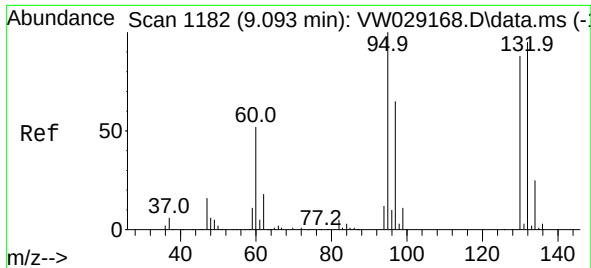
Tgt Ion:117 Resp: 102074
Ion Ratio Lower Upper
117 100
119 98.7 79.0 118.4



#33
Benzene
Concen: 23.012 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion: 78 Resp: 316233

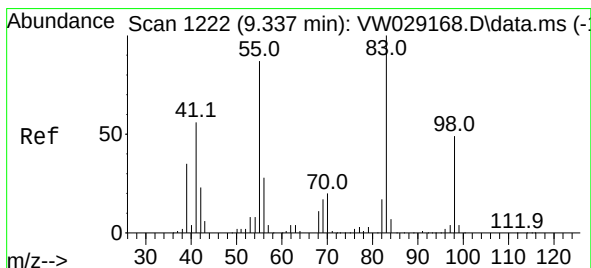
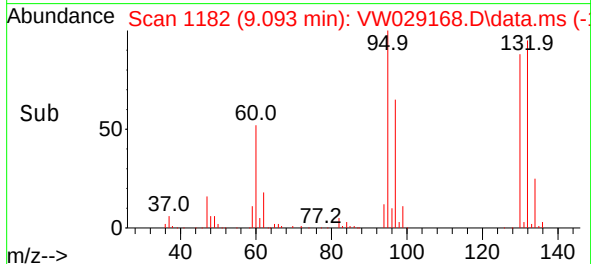
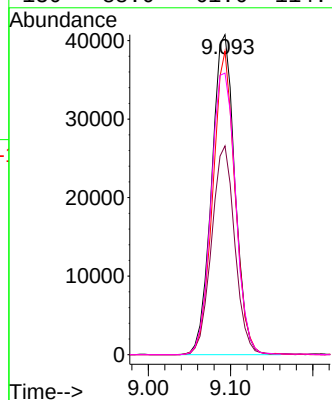
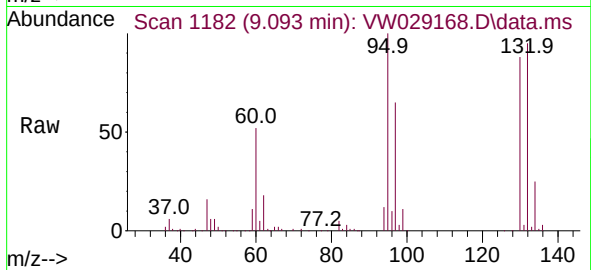




#34
Trichloroethene
Concen: 21.857 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

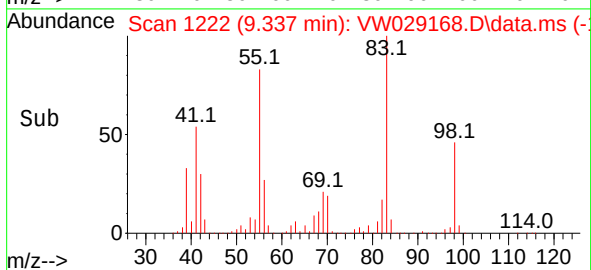
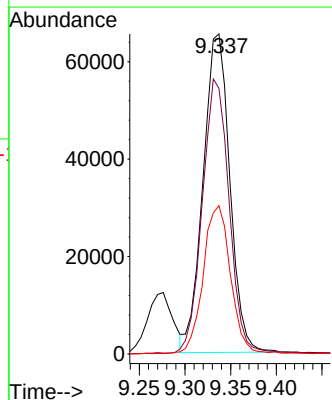
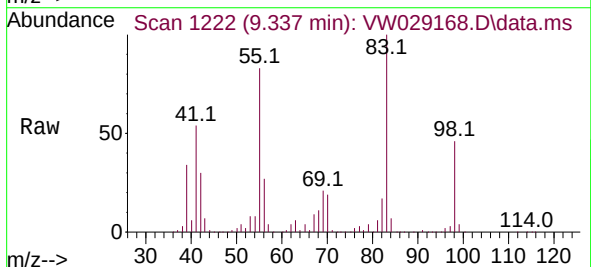
Instrument :
MSVOA_W
ClientSampleId :

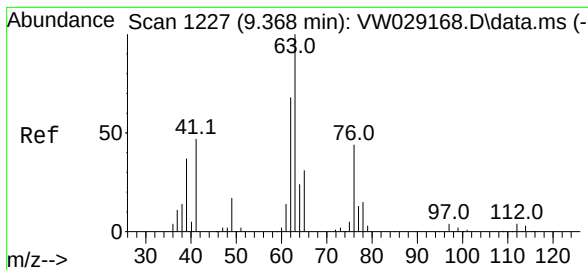
Tgt Ion: 95 Resp: 80135
Ion Ratio Lower Upper
95 100
97 65.3 45.7 84.9
132 94.9 66.4 123.4
130 88.0 61.6 114.4



#35
Methylcyclohexane
Concen: 23.067 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion: 83 Resp: 133004
Ion Ratio Lower Upper
83 100
55 86.9 69.5 104.3
98 47.5 38.0 57.0

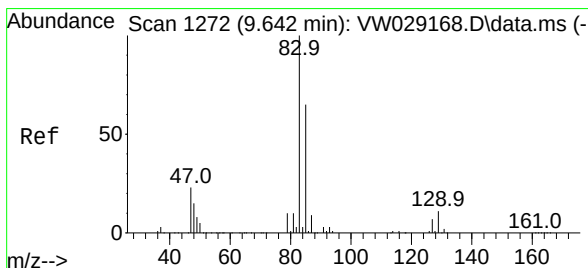
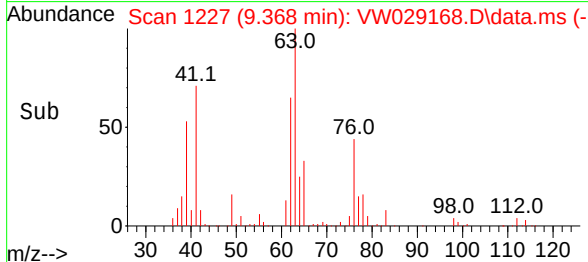
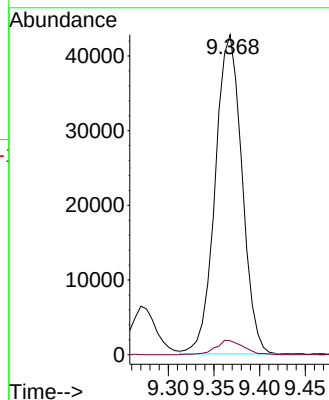
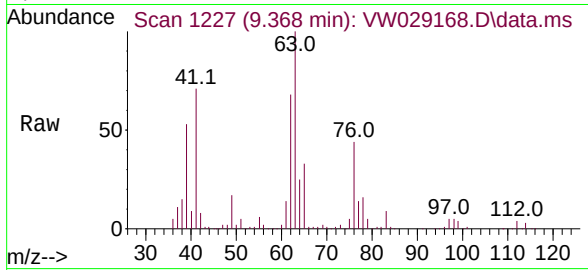




#37
1,2-Dichloropropane
Concen: 22.540 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

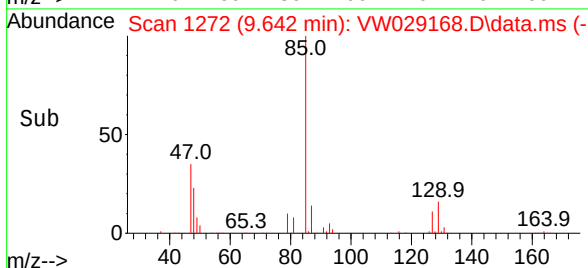
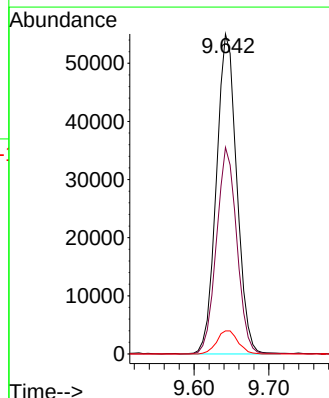
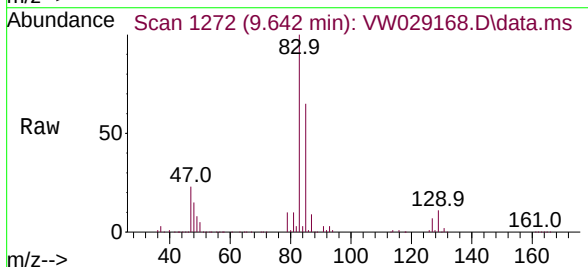
Instrument :
MSVOA_W
ClientSampleId :

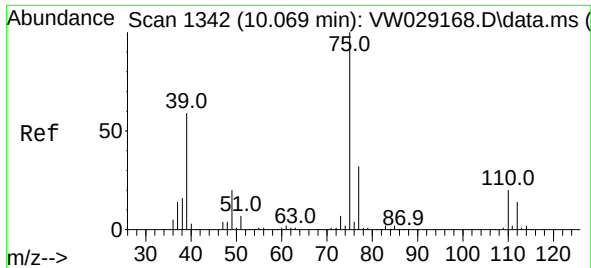
Tgt Ion: 63 Resp: 87075
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 22.127 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion: 83 Resp: 104471
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9
127 7.2 5.8 8.6

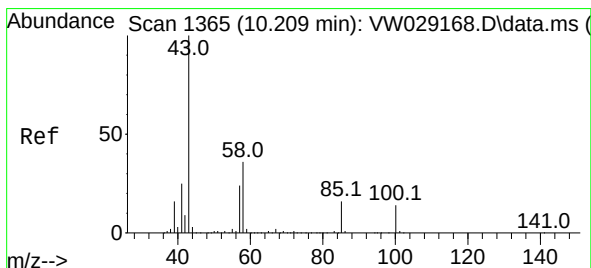
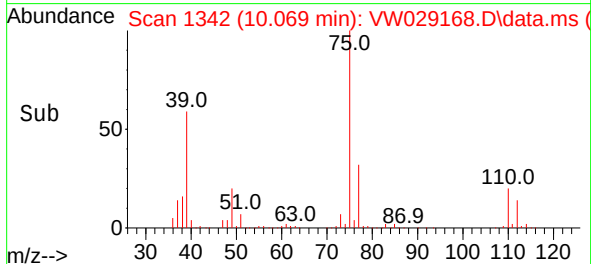
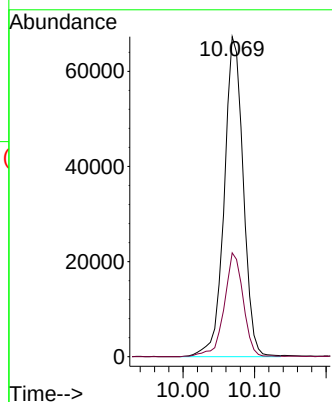
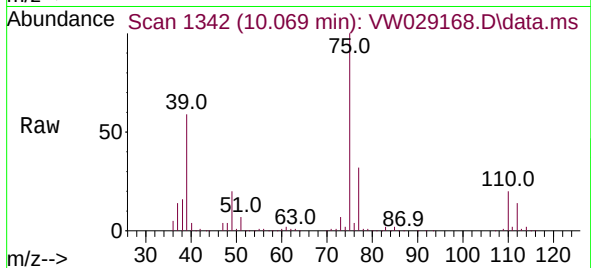




#39
cis-1,3-Dichloropropene
Concen: 22.800 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

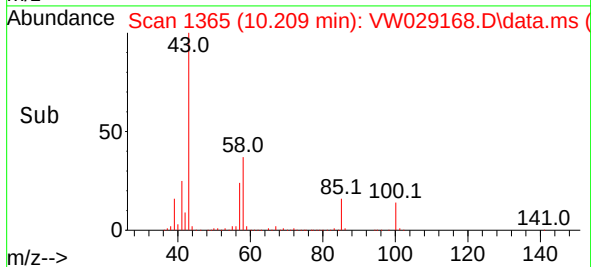
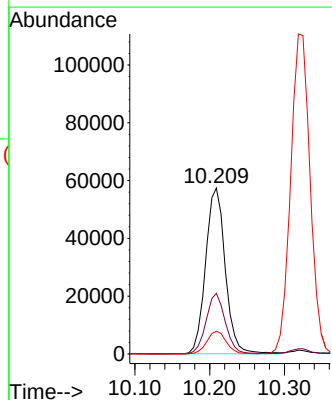
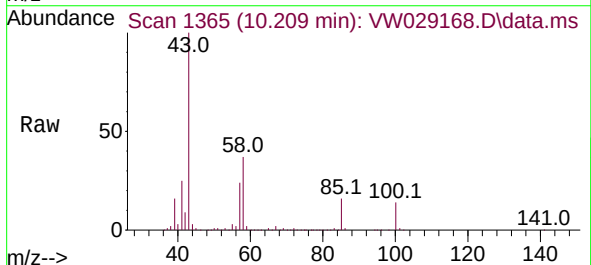
Instrument :
MSVOA_W
ClientSampleId :

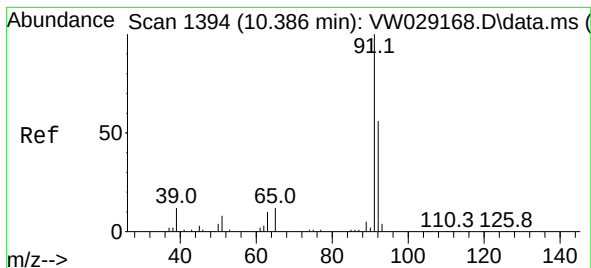
Tgt Ion: 75 Resp: 124456
Ion Ratio Lower Upper
75 100
77 32.4 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 43.790 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion: 43 Resp: 104806
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4
100 13.7 11.0 16.4





#42

Toluene

Concen: 23.684 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

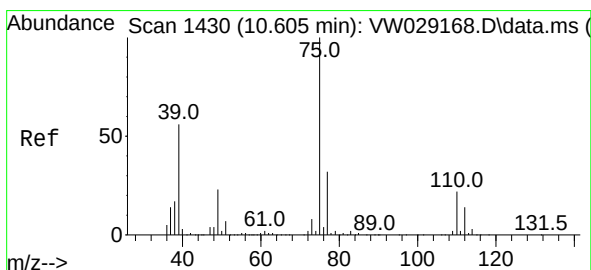
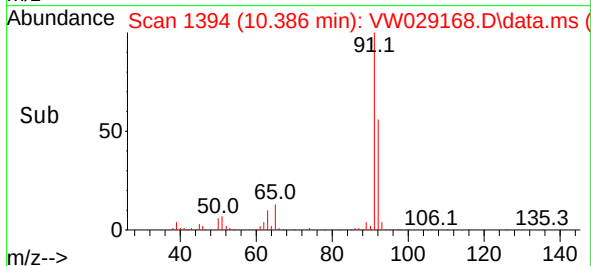
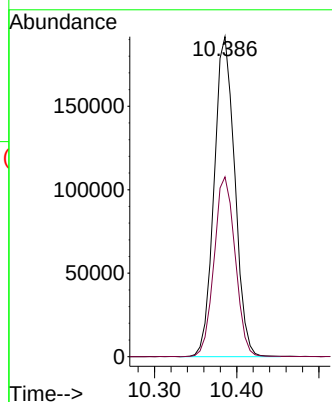
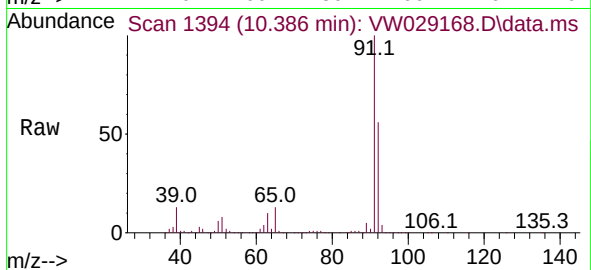
ClientSampleId :

Tgt Ion: 91 Resp: 334593

Ion Ratio Lower Upper

91 100

92 56.2 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 22.522 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029168.D

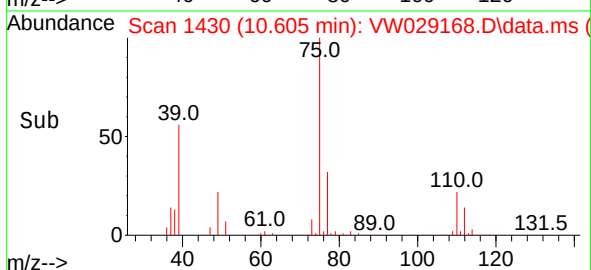
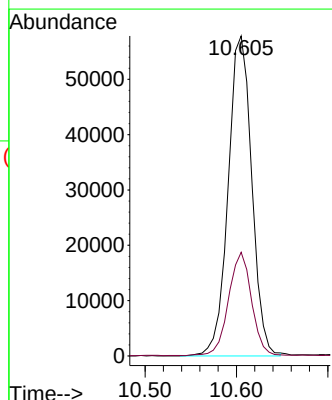
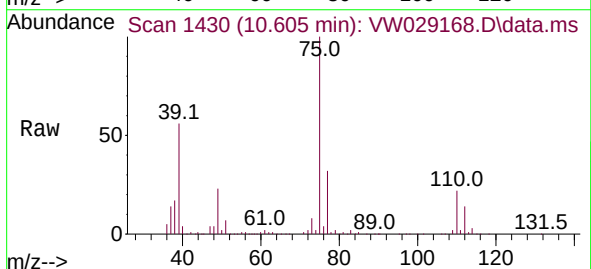
Acq: 18 Jun 2024 10:19

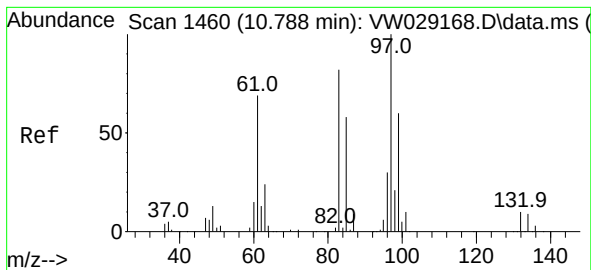
Tgt Ion: 75 Resp: 103805

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 21.769 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

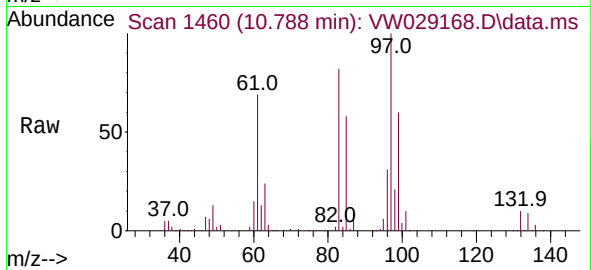
Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 58546

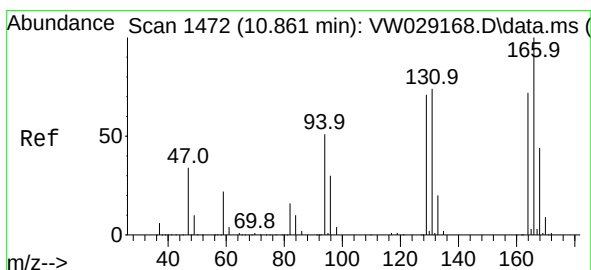
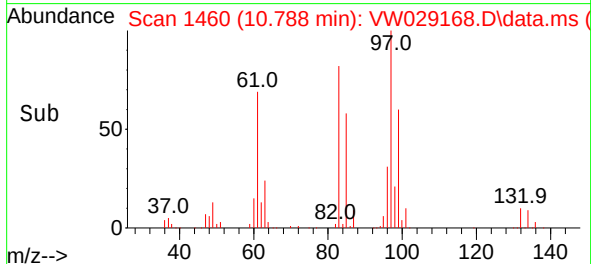
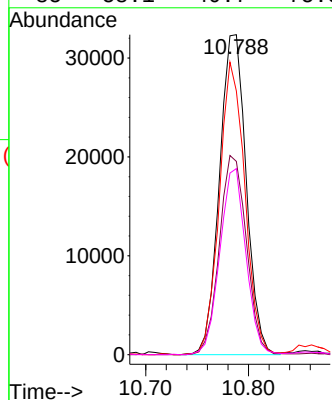
Ion Ratio Lower Upper

97 100

99 60.4 42.3 78.5

83 82.4 57.7 107.1

85 58.1 40.7 75.5



#46

Tetrachloroethene

Concen: 21.904 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Tgt Ion:164 Resp: 56140

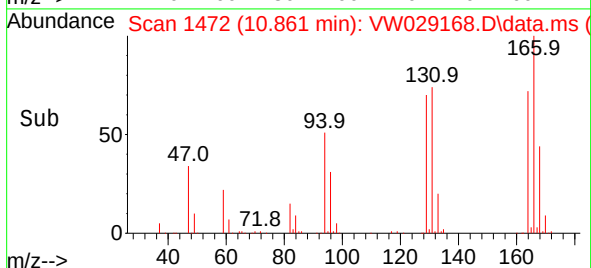
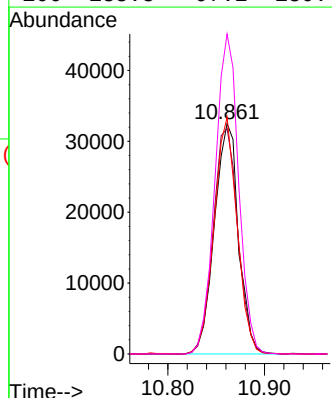
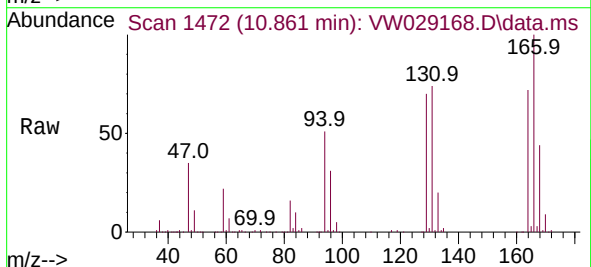
Ion Ratio Lower Upper

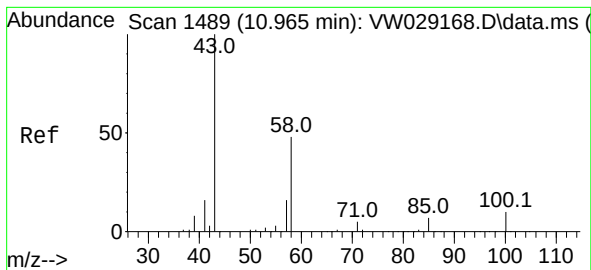
164 100

129 97.9 68.5 127.3

131 102.6 71.8 133.4

166 138.8 97.2 180.4

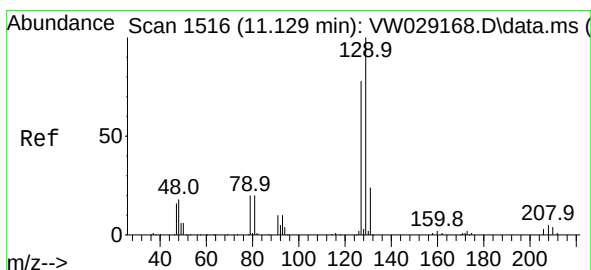
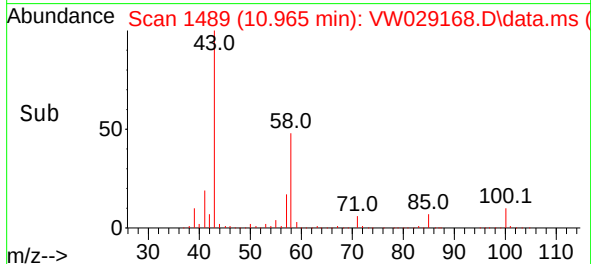
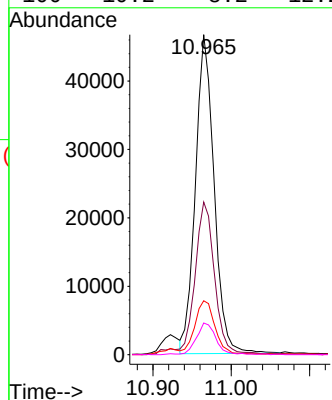
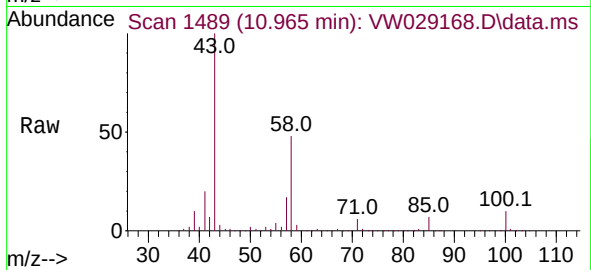




#48
2-Hexanone
Concen: 45.586 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

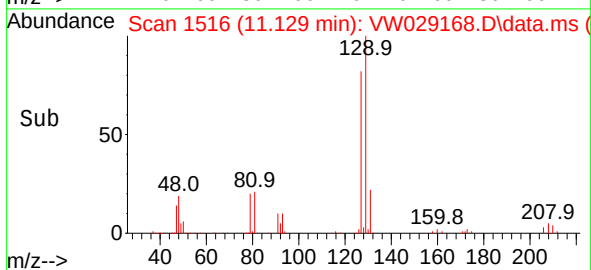
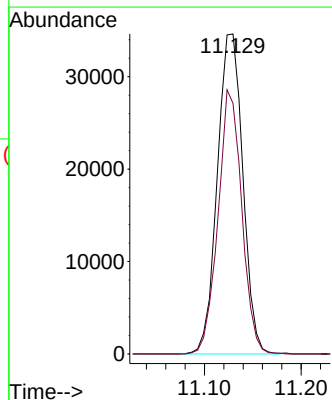
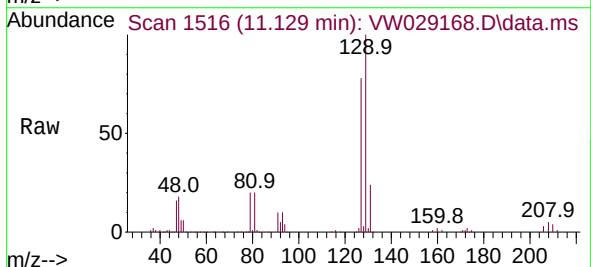
Instrument :
MSVOA_W
ClientSampleId :

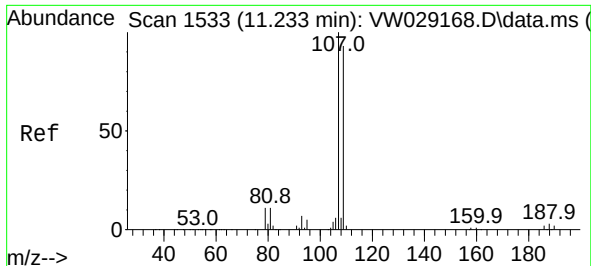
Tgt Ion:	43	Resp:	77418
Ion	Ratio	Lower	Upper
43	100		
58	49.5	39.6	59.4
57	18.2	14.6	21.8
100	10.2	8.2	12.2



#49
Dibromochloromethane
Concen: 22.552 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion:	129	Resp:	63401
Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.8	101.8





#50

1,2-Dibromoethane

Concen: 22.193 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029168.D

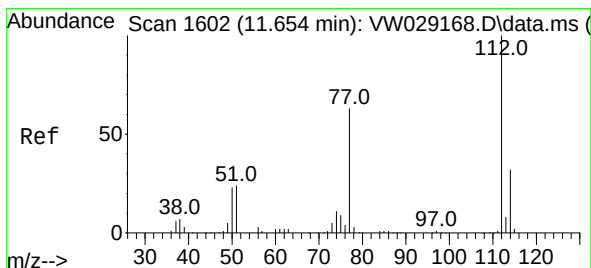
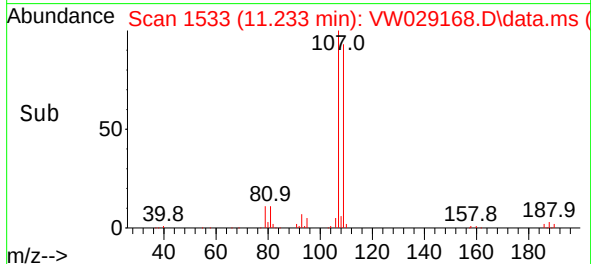
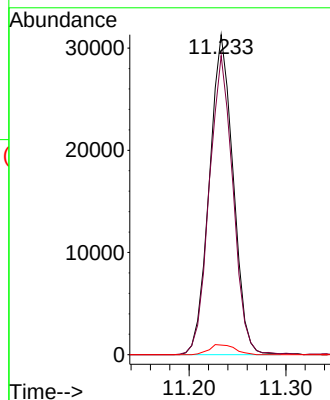
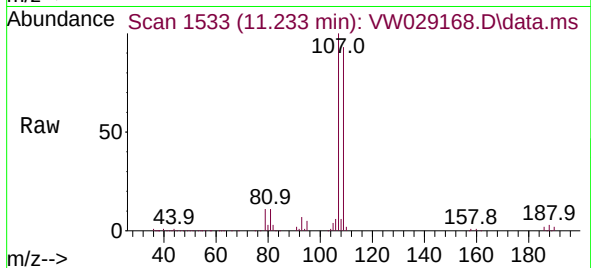
Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	53578
Ion	Ratio	Lower	Upper
107	100		
109	93.5	65.5	121.6
188	3.3	2.6	4.0



#51

Chlorobenzene

Concen: 22.557 ug/L

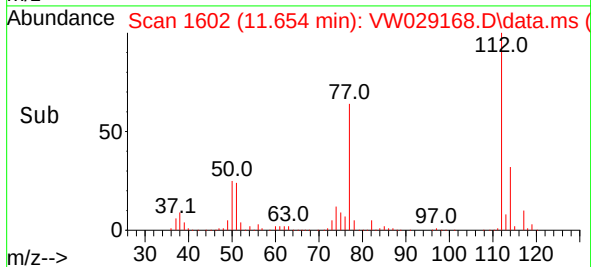
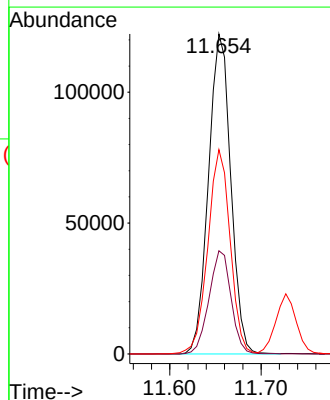
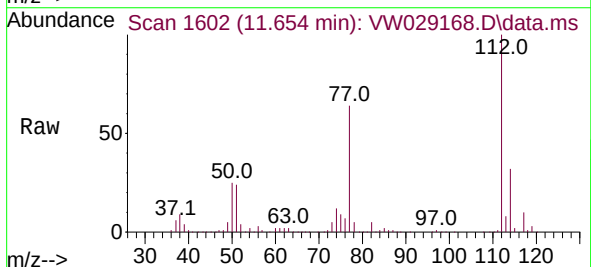
RT: 11.654 min Scan# 1602

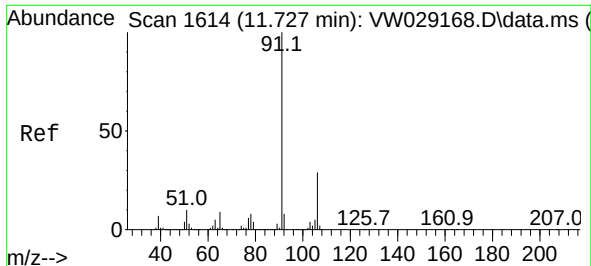
Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Tgt Ion:	112	Resp:	206944
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	63.8	51.0	76.6





#52

Ethylbenzene

Concen: 23.557 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

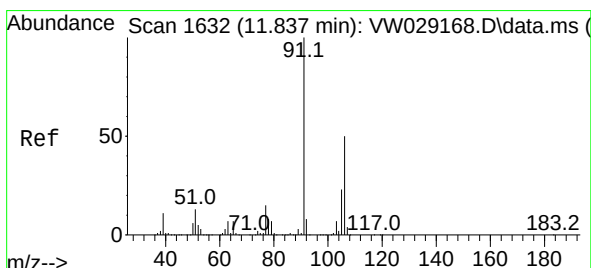
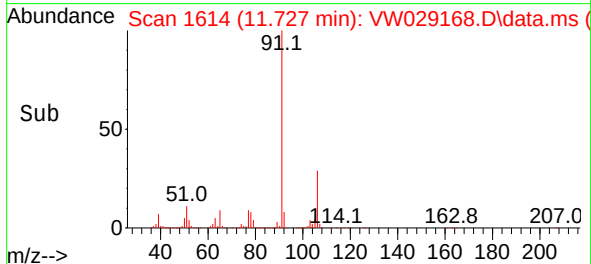
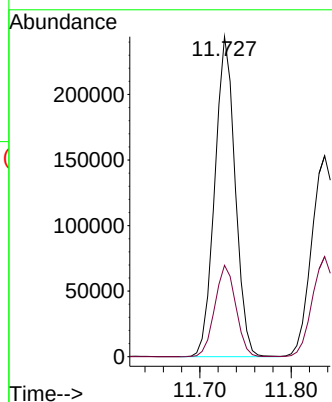
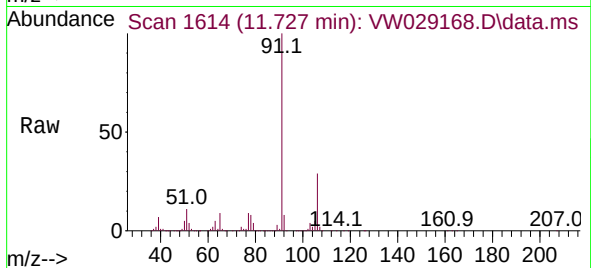
ClientSampleId :

Tgt Ion: 91 Resp: 377777

Ion Ratio Lower Upper

91 100

106 28.5 19.9 37.0



#53

m,p-Xylene

Concen: 23.690 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029168.D

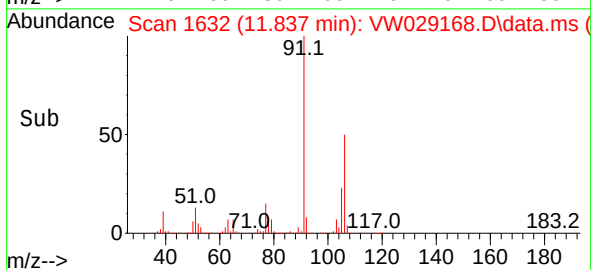
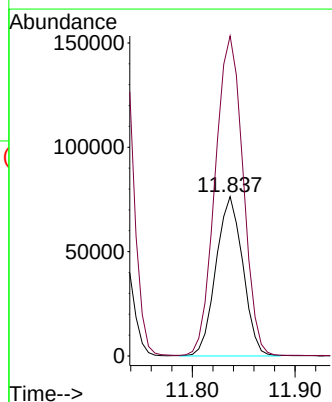
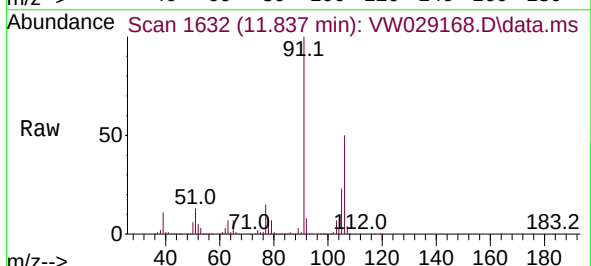
Acq: 18 Jun 2024 10:19

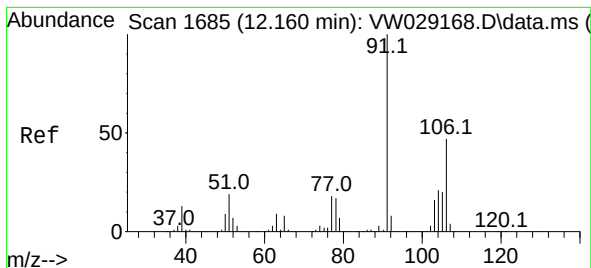
Tgt Ion:106 Resp: 138767

Ion Ratio Lower Upper

106 100

91 200.7 140.5 260.9





#54

o-Xylene

Concen: 23.600 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

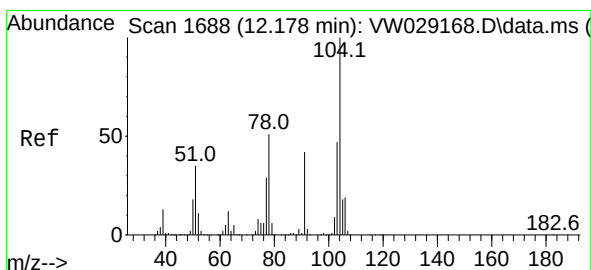
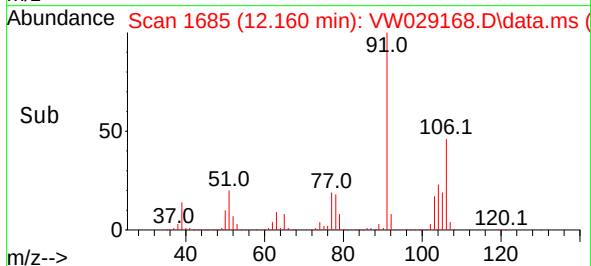
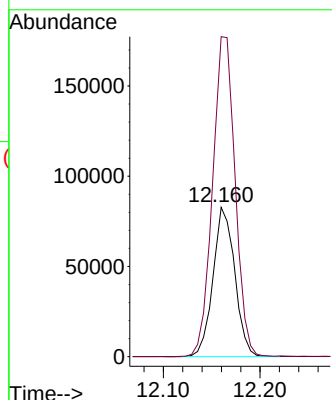
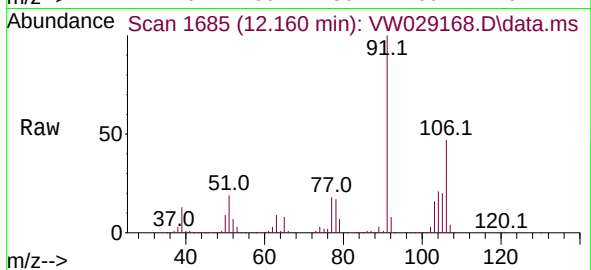
ClientSampleId :

Tgt Ion:106 Resp: 129197

Ion Ratio Lower Upper

106 100

91 214.2 149.9 278.5



#55

Styrene

Concen: 23.949 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029168.D

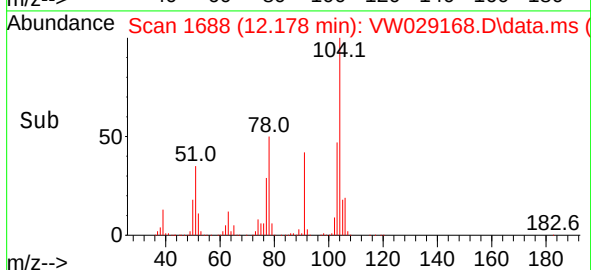
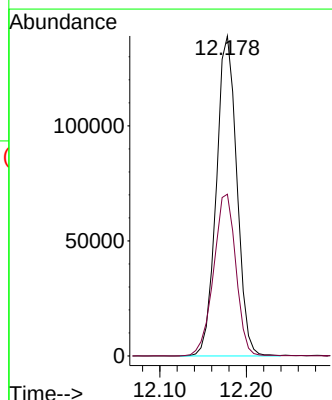
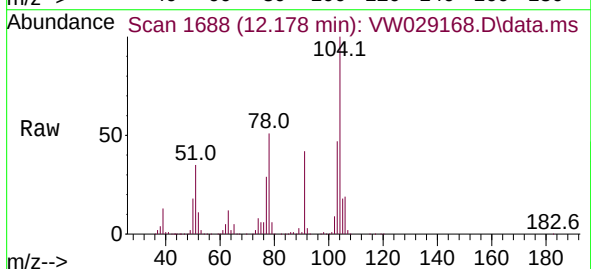
Acq: 18 Jun 2024 10:19

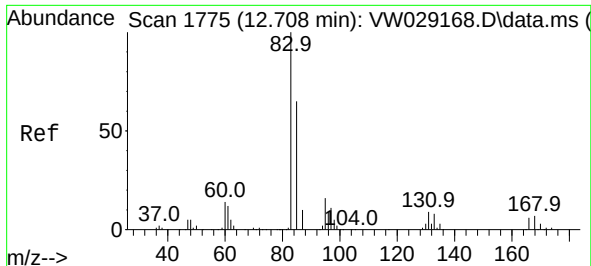
Tgt Ion:104 Resp: 228600

Ion Ratio Lower Upper

104 100

78 50.5 35.4 65.7

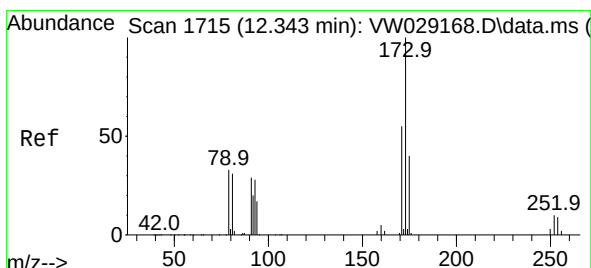
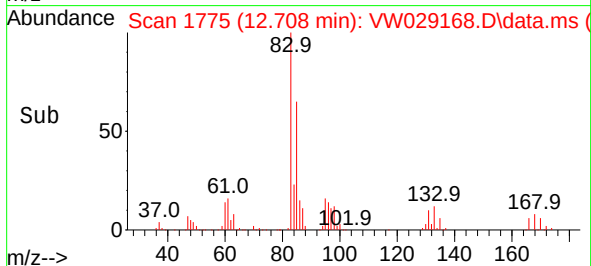
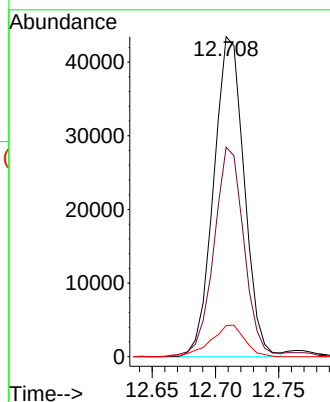
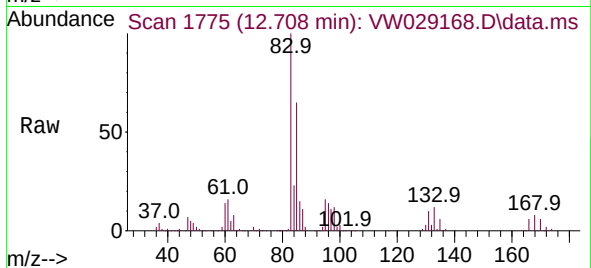




#57
1,1,2,2-Tetrachloroethane
Concen: 21.855 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

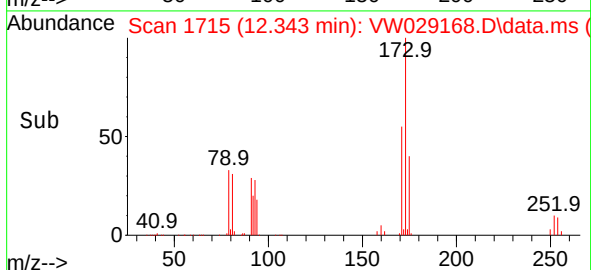
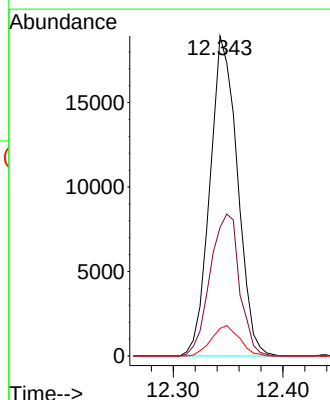
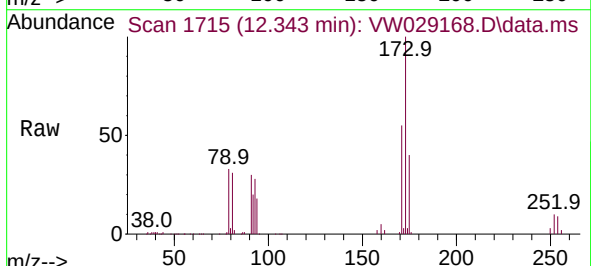
Instrument :
MSVOA_W
ClientSampleId :

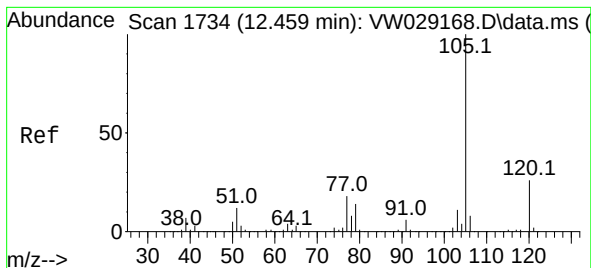
Tgt Ion: 83 Resp: 72706
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.0
131 9.7 7.8 11.6



#59
Bromoform
Concen: 21.137 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion:173 Resp: 33003
Ion Ratio Lower Upper
173 100
175 47.3 37.8 56.8
254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 24.194 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

ClientSampleId :

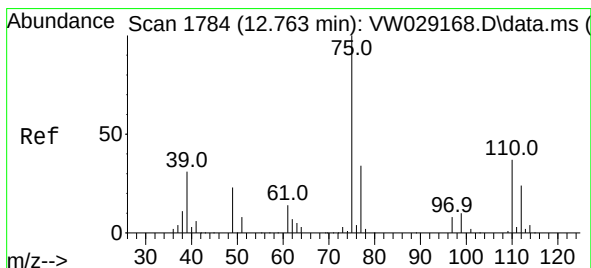
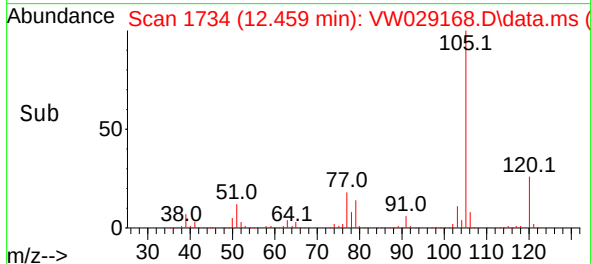
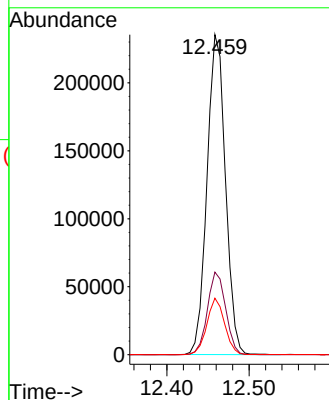
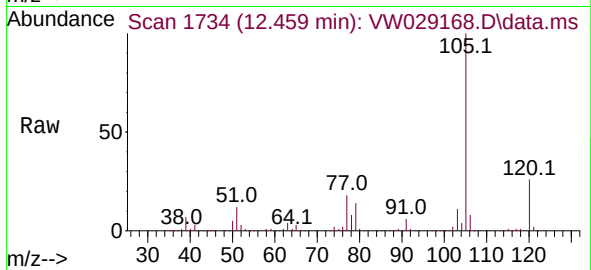
Tgt Ion:105 Resp: 367262

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 21.244 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

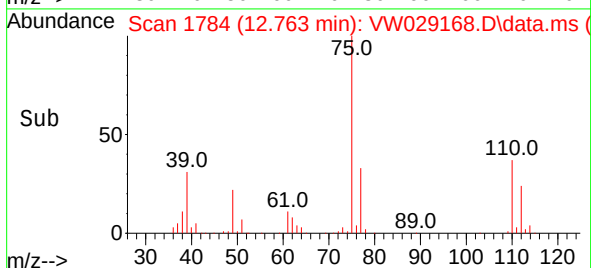
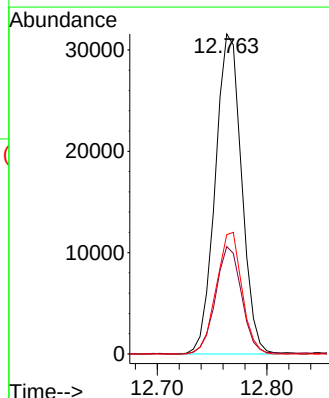
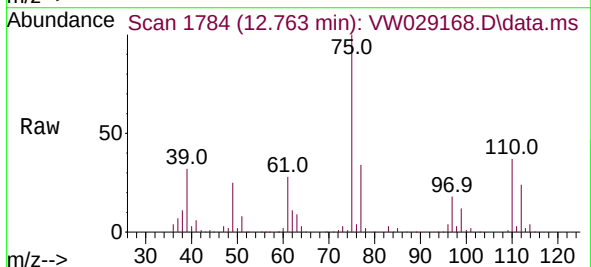
Tgt Ion: 75 Resp: 52788

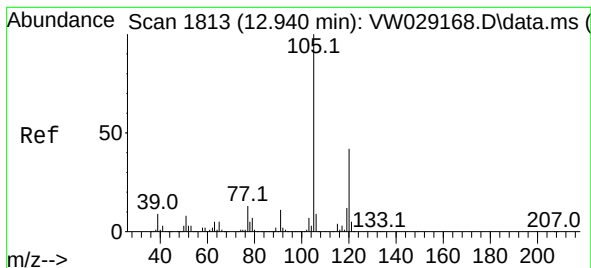
Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

110 36.9 29.5 44.3

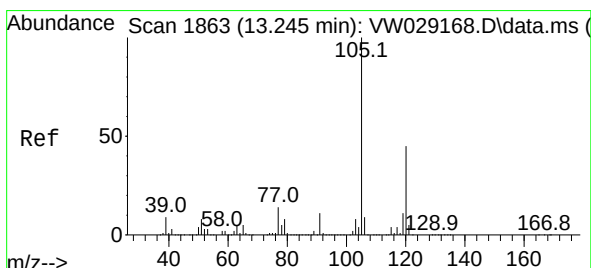
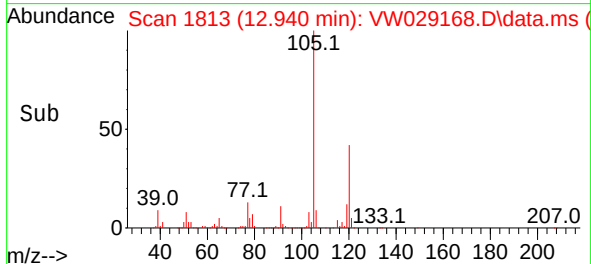
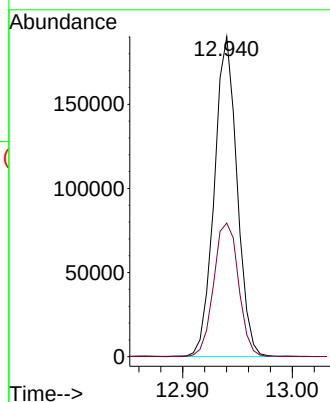
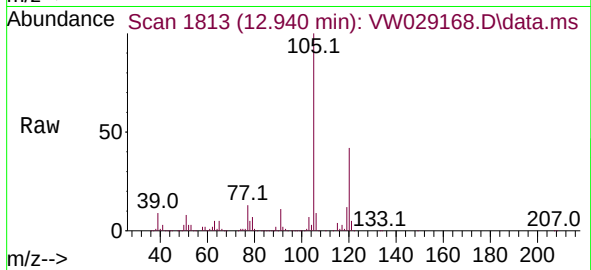




#62
1,3,5-Trimethylbenzene
Concen: 24.945 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

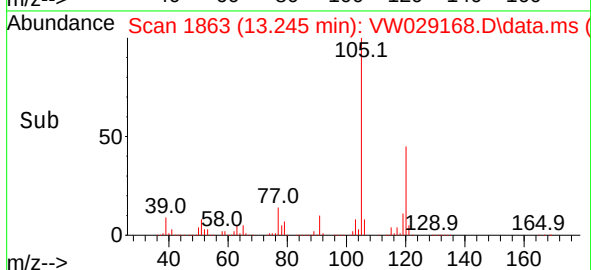
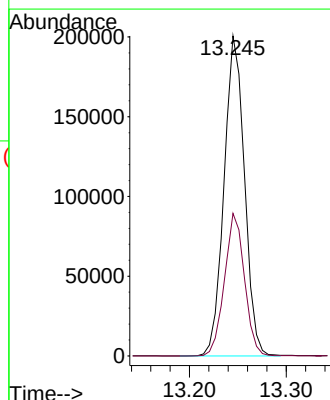
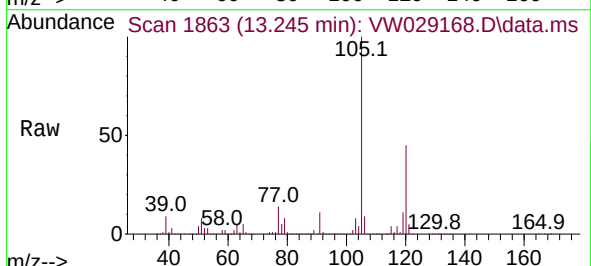
Instrument :
MSVOA_W
ClientSampleId :

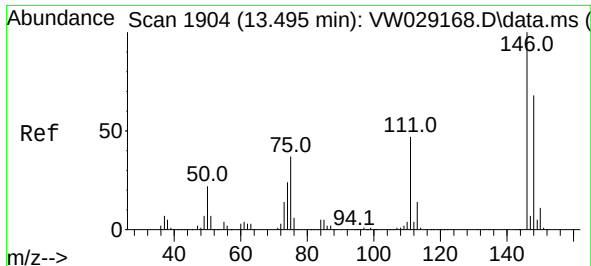
Tgt Ion:105 Resp: 274241
Ion Ratio Lower Upper
105 100
120 45.5 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 24.891 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion:105 Resp: 294418
Ion Ratio Lower Upper
105 100
120 43.6 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 23.089 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

ClientSampleId :

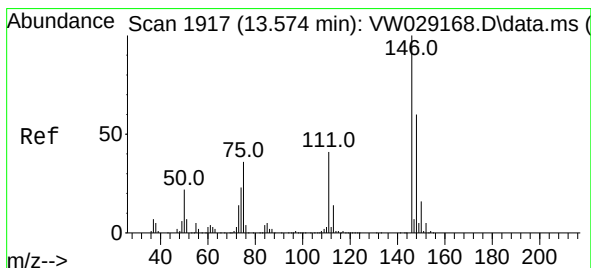
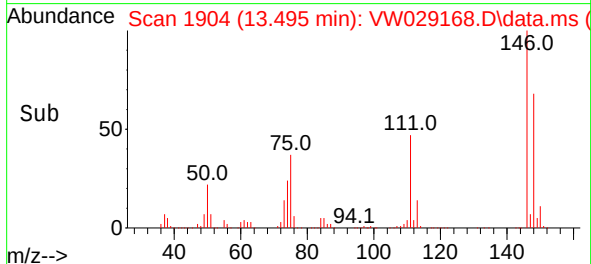
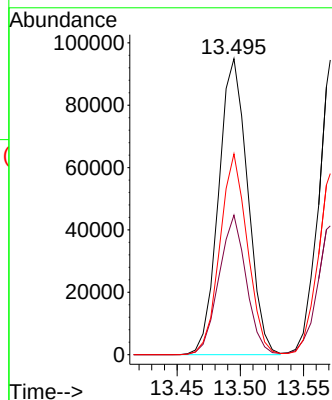
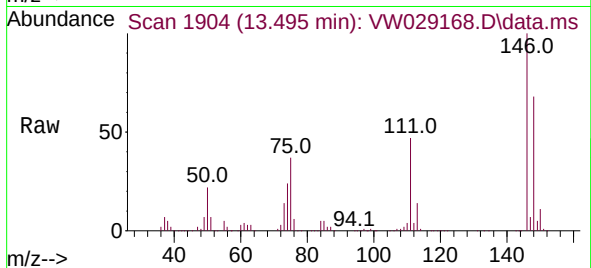
Tgt Ion:146 Resp: 151674

Ion Ratio Lower Upper

146 100

111 47.1 33.0 61.2

148 67.8 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 22.814 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

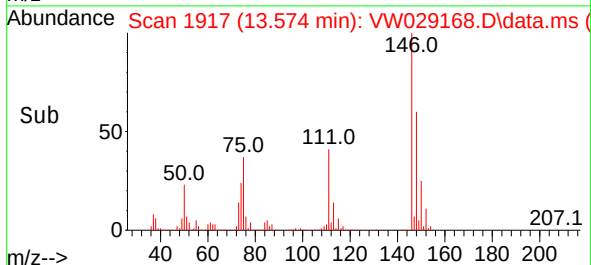
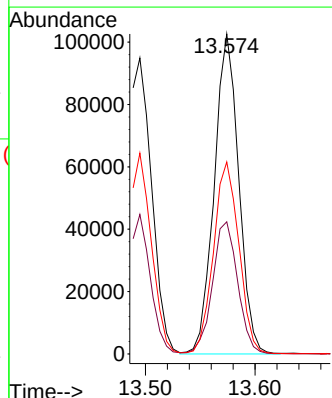
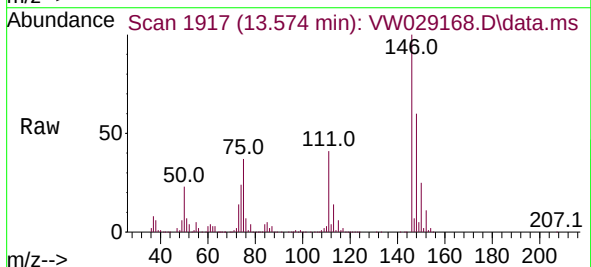
Tgt Ion:146 Resp: 159458

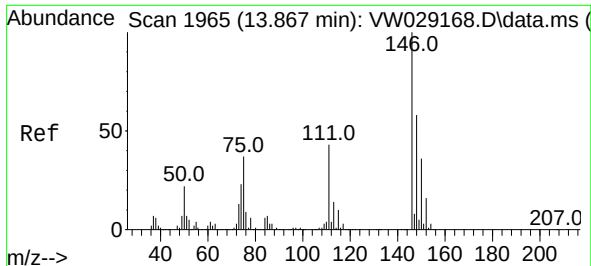
Ion Ratio Lower Upper

146 100

111 41.3 28.9 53.7

148 60.0 42.0 78.0

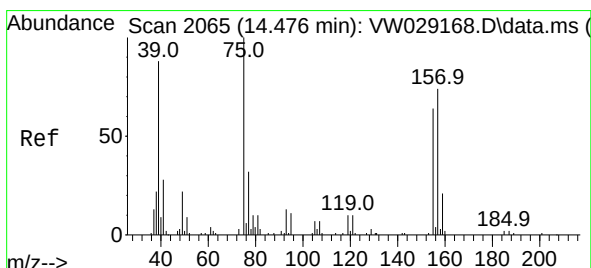
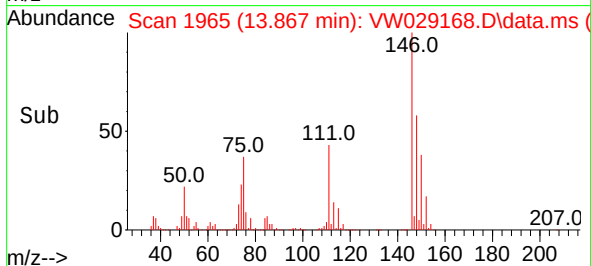
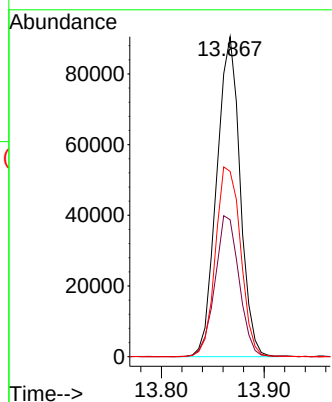
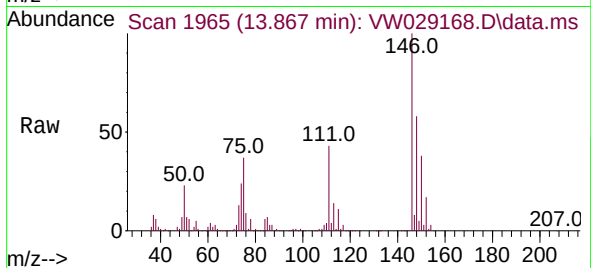




#67
1,2-Dichlorobenzene
Concen: 23.619 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

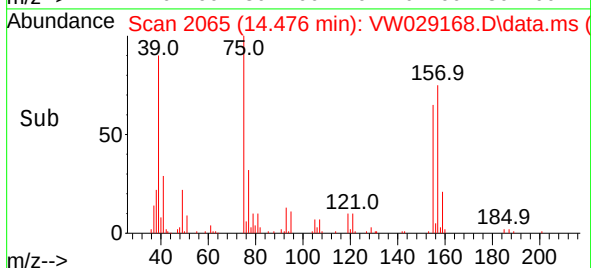
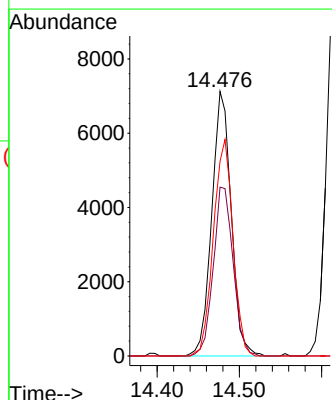
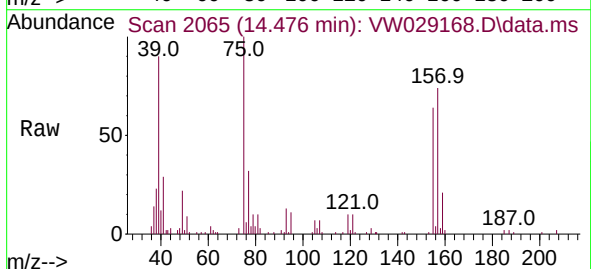
Instrument :
MSVOA_W
ClientSampleId :

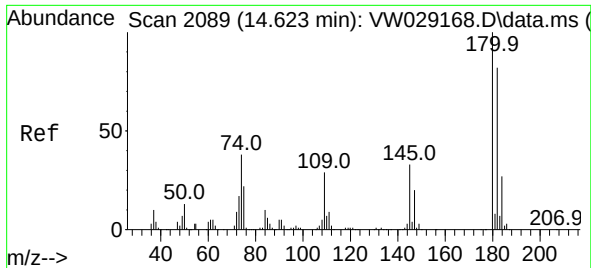
Tgt Ion:146 Resp: 143439
Ion Ratio Lower Upper
146 100
111 42.8 34.2 51.4
148 57.9 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 20.208 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion: 75 Resp: 11718
Ion Ratio Lower Upper
75 100
155 63.8 51.0 76.6
157 73.5 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 23.199 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

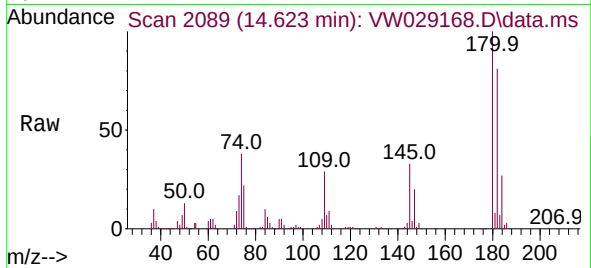
Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 102853

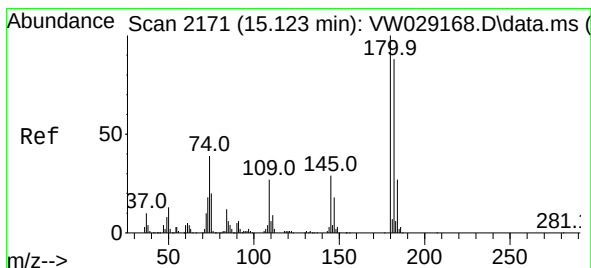
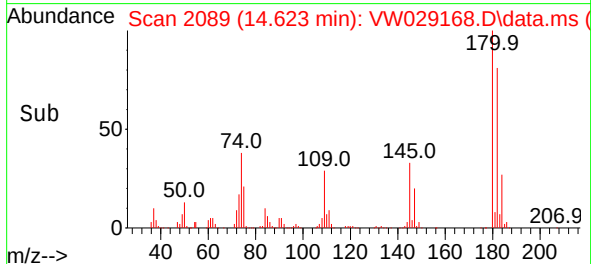
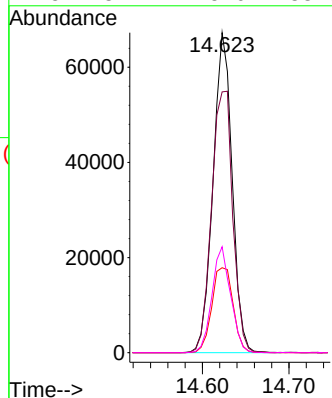
Ion Ratio Lower Upper

180 100

182 91.1 72.9 109.3

184 29.7 23.8 35.6

145 32.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 23.832 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029168.D

Acq: 18 Jun 2024 10:19

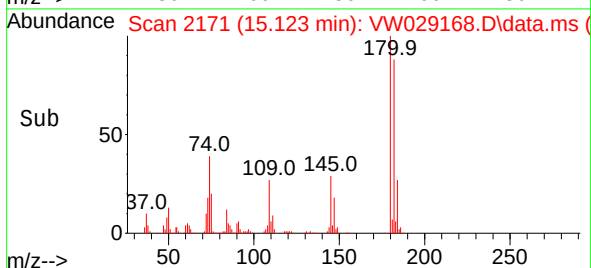
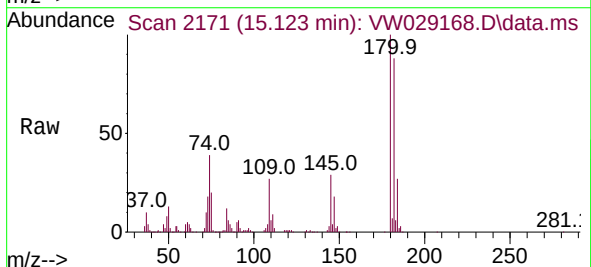
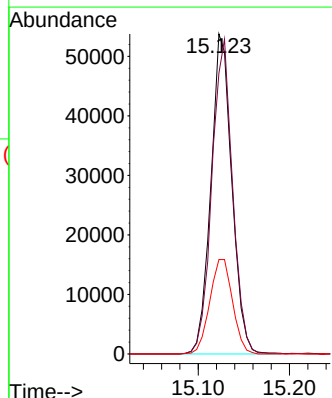
Tgt Ion:180 Resp: 85649

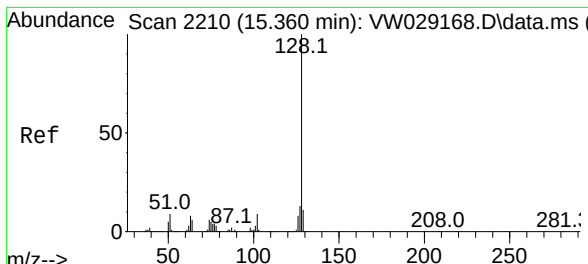
Ion Ratio Lower Upper

180 100

182 97.1 77.7 116.5

145 32.1 25.7 38.5



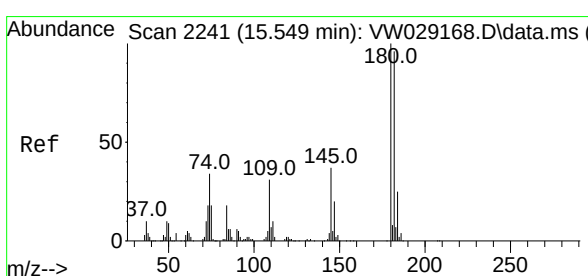
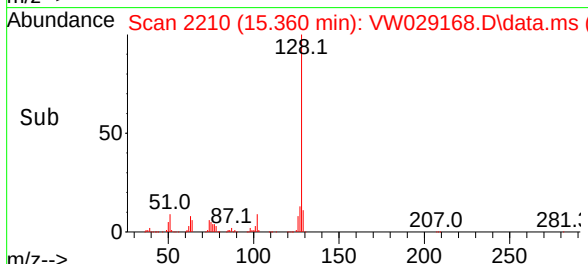
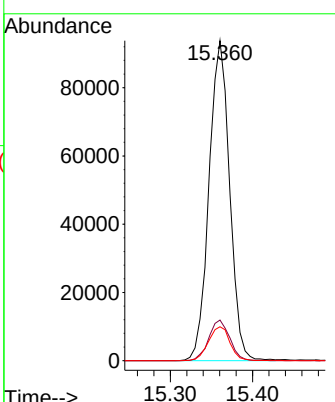
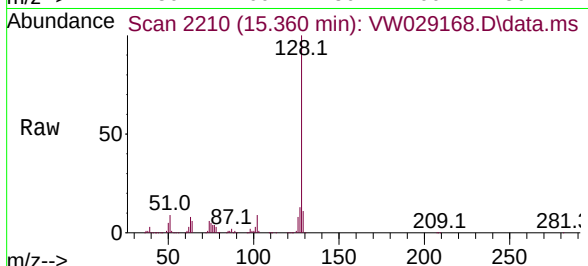


#71
Naphthalene
Concen: 23.039 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 163424

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 23.289 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW029168.D
Acq: 18 Jun 2024 10:19

Tgt Ion:180 Resp: 76263

Ion	Ratio	Lower	Upper
180	100		
182	91.3	73.0	109.6
145	35.1	28.1	42.1

