

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070524\
 Data File : VW029462.D
 Acq On : 05 Jul 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 00:15:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	244031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229329	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111216	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	58036	17.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.720%
7) Chloroethane-d5	2.899	69	52627	18.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	4.027	65	32388	19.860	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.440%
21) 2-Butanone-d5	7.075	46	66087	65.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.800%
24) Chloroform-d	7.648	84	181129	24.882	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.307	65	104495	25.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.270	84	335364	24.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.320%
36) 1,2-Dichloropropane-d6	9.270	67	112726	25.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.840%
41) Toluene-d8	10.319	98	295795	24.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.575	79	45265	25.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.480%
47) 2-Hexanone-d5	10.922	63	46045	66.335	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98630	27.987	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	108217	28.033	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	37913	15.924	ug/L	99
3) Chloromethane	2.223	50	63666	18.754	ug/L	99
5) Vinyl chloride	2.375	62	78112	20.037	ug/L	97
6) Bromomethane	2.789	94	47011	20.063	ug/L	92
8) Chloroethane	2.936	64	51880	21.757	ug/L	98
9) Trichlorofluoromethane	3.271	101	73446	24.300	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	73722	22.123	ug/L	89
12) 1,1-Dichloroethene	4.051	96	68350	24.172	ug/L	77
13) Acetone	4.119	43	52481	61.110	ug/L	97
14) Carbon disulfide	4.393	76	185266	20.071	ug/L	100
15) Methyl Acetate	4.667	43	48002	28.156	ug/L	100
16) Methylene chloride	4.917	84	89847	20.939	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	79737	25.393	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	145901	29.041	ug/L	98
19) 1,1-Dichloroethane	6.216	63	178800	26.364	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	93365	26.962	ug/L	97
22) 2-Butanone	7.167	43	68916	58.541	ug/L	99
23) Bromochloromethane	7.514	128	40384	26.198	ug/L	92
25) Chloroform	7.673	83	179205	27.060	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070524\
 Data File : VW029462.D
 Acq On : 05 Jul 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 00:15:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

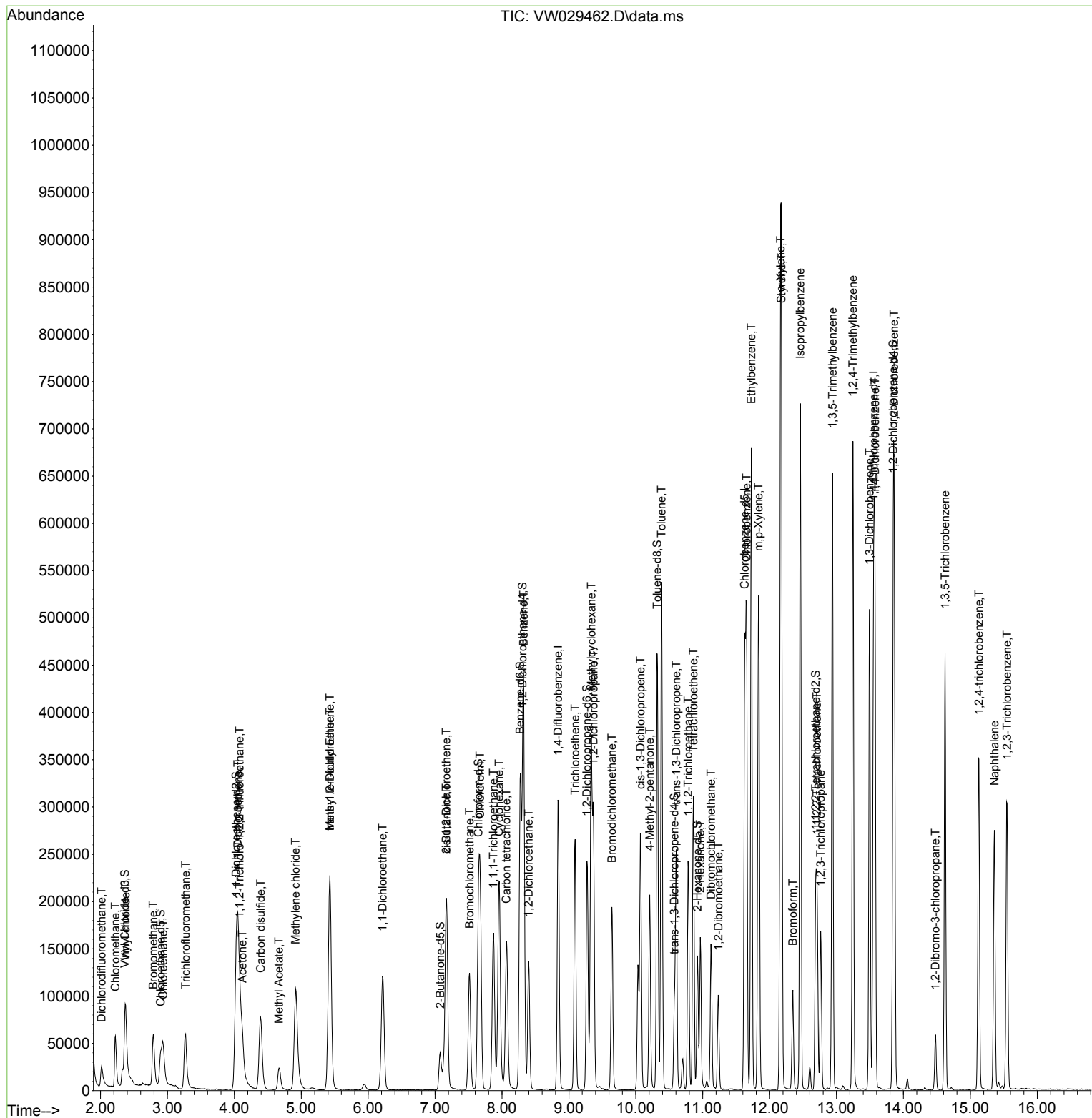
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	124348	25.459	ug/L	100
29) Cyclohexane	7.959	56	128784	24.565	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	136040	26.677	ug/L	96
31) Carbon tetrachloride	8.063	117	121495	26.081	ug/L	95
33) Benzene	8.325	78	360585	26.169	ug/L	100
34) Trichloroethene	9.093	95	92540	25.173	ug/L	94
35) Methylcyclohexane	9.337	83	142706	24.683	ug/L	98
37) 1,2-Dichloropropane	9.368	63	103359	26.695	ug/L	99
38) Bromodichloromethane	9.642	83	127846	27.006	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	156301	28.557	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	140014	58.343	ug/L	98
42) Toluene	10.386	91	377145	26.624	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	131320	28.415	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	73074	27.098	ug/L	98
46) Tetrachloroethene	10.861	164	65688	25.561	ug/L	90
48) 2-Hexanone	10.965	43	101799	59.781	ug/L	98
49) Dibromochloromethane	11.123	129	75322	26.721	ug/L	97
50) 1,2-Dibromoethane	11.233	107	66157	27.330	ug/L	98
51) Chlorobenzene	11.654	112	241773	26.283	ug/L	97
52) Ethylbenzene	11.727	91	443958	27.610	ug/L	97
53) m,p-Xylene	11.837	106	161649	27.522	ug/L	98
54) o-Xylene	12.166	106	156461	28.503	ug/L	96
55) Styrene	12.178	104	271199	28.336	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	93320	27.976	ug/L	96
59) Bromoform	12.349	173	43466	28.516	ug/L	95
60) Isopropylbenzene	12.458	105	432738	29.201	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68389	28.192	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	331956	30.930	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	348085	30.144	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	196021	30.566	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	185808	27.232	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	166825	28.139	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	15243	26.927	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	129178	29.846	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	104737	29.852	ug/L	98
71) Naphthalene	15.360	128	217381	31.392	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97582	30.525	ug/L	96

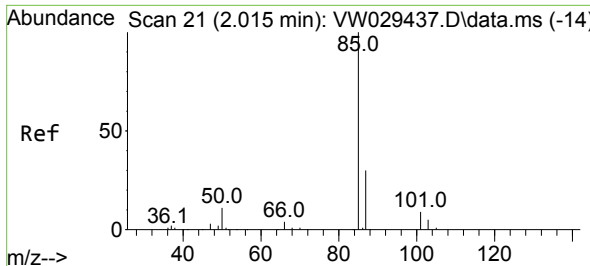
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070524\
Data File : VW029462.D
Acq On : 05 Jul 2024 09:51
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 06 00:15:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 03 05:41:51 2024
Response via : Initial Calibration

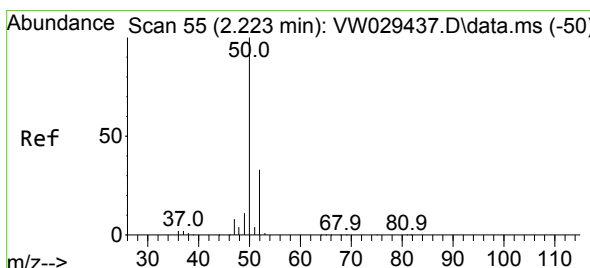
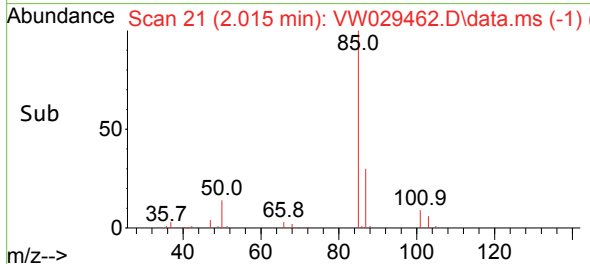
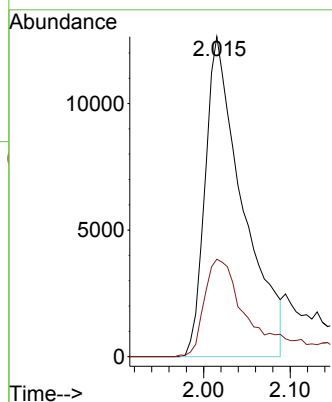
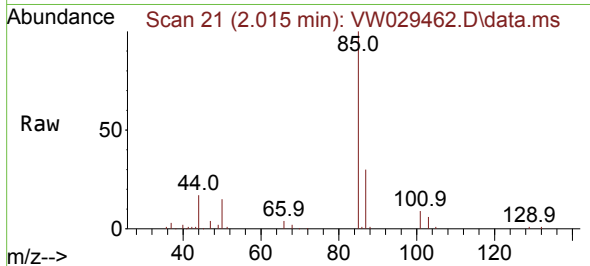




#2
 Dichlorodifluoromethane
 Concen: 15.924 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029462.D
 Acq: 05 Jul 2024 09:51

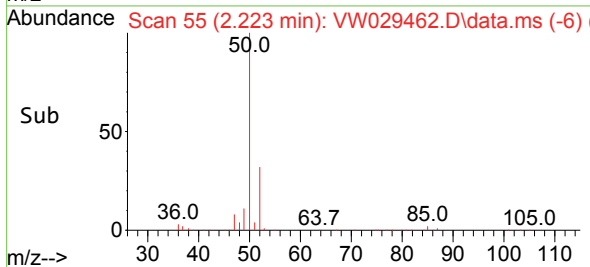
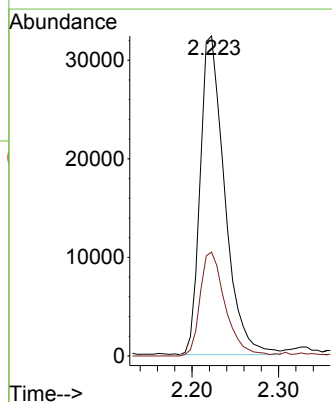
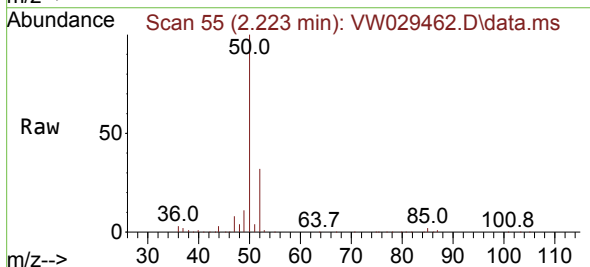
Instrument :
 MSVOA_W
 ClientSampleId :

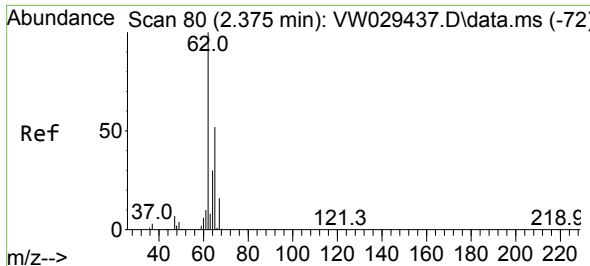
Tgt Ion: 85 Resp: 37913
 Ion Ratio Lower Upper
 85 100
 87 30.0 23.8 35.6



#3
 Chloromethane
 Concen: 18.754 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029462.D
 Acq: 05 Jul 2024 09:51

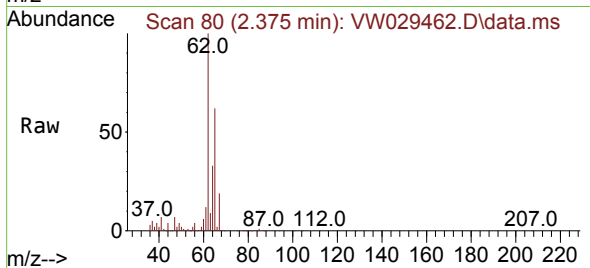
Tgt Ion: 50 Resp: 63666
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.3 41.5



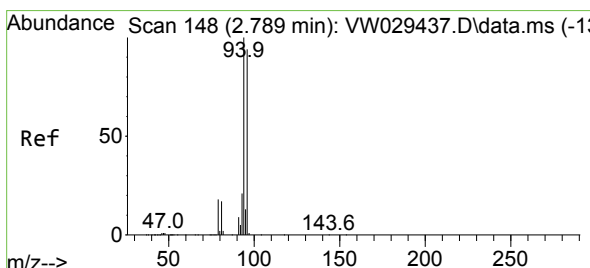
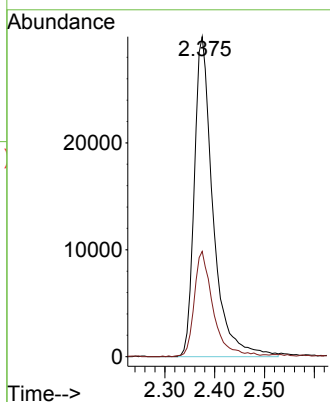
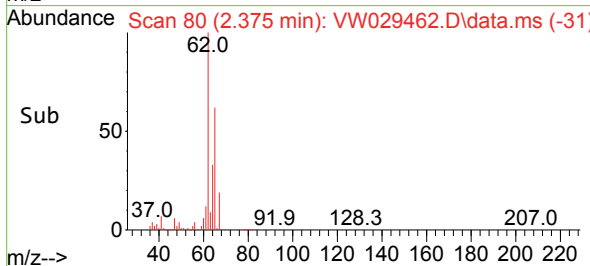


#5
 Vinyl chloride
 Concen: 20.037 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029462.D
 Acq: 05 Jul 2024 09:51

Instrument :
 MSVOA_W
 ClientSampleId :

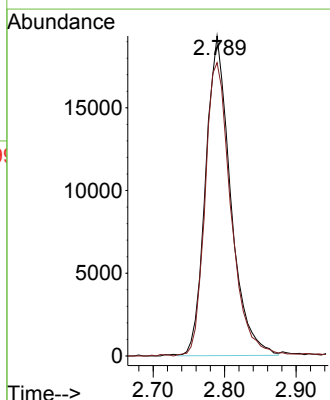
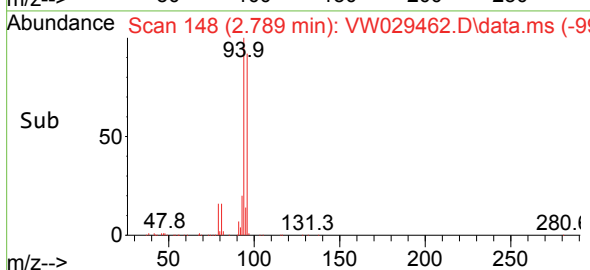
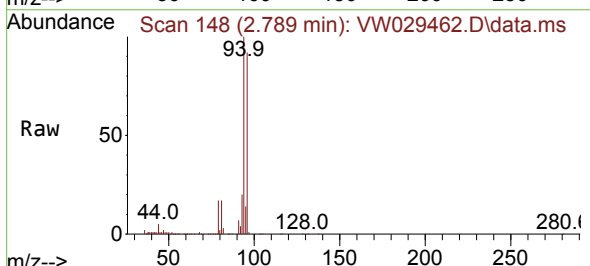


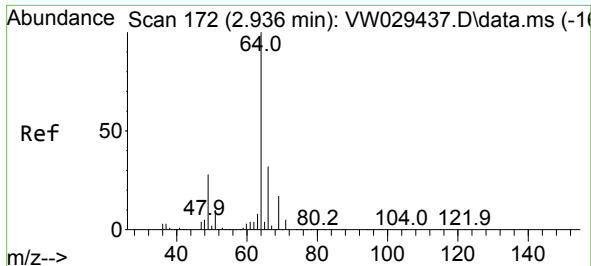
Tgt Ion: 62 Resp: 78112
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.0 40.8



#6
 Bromomethane
 Concen: 20.063 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029462.D
 Acq: 05 Jul 2024 09:51

Tgt Ion: 94 Resp: 47011
 Ion Ratio Lower Upper
 94 100
 96 91.6 69.5 129.1





#8

Chloroethane

Concen: 21.757 ug/L

RT: 2.936 min Scan# 172

Delta R.T. -0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

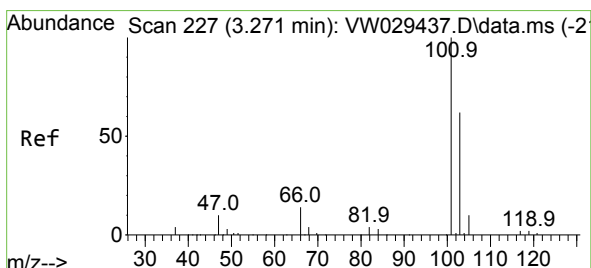
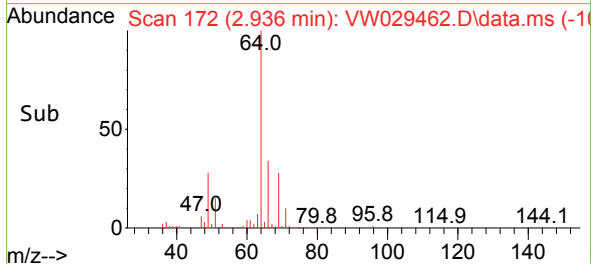
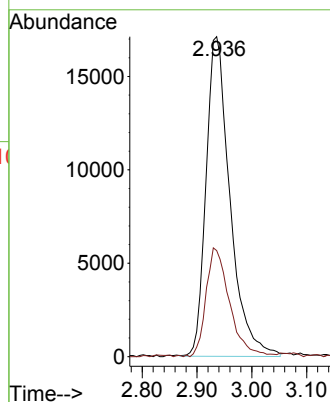
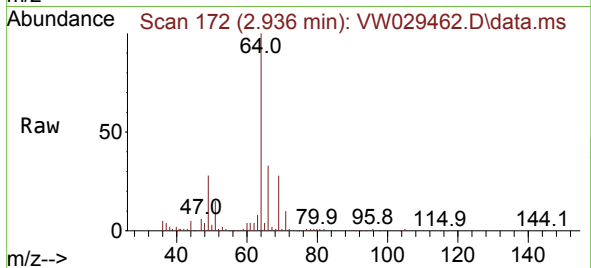
ClientSampleId :

Tgt Ion: 64 Resp: 51880

Ion Ratio Lower Upper

64 100

66 33.1 22.5 41.9



#9

Trichlorofluoromethane

Concen: 24.300 ug/L

RT: 3.271 min Scan# 227

Delta R.T. -0.000 min

Lab File: VW029462.D

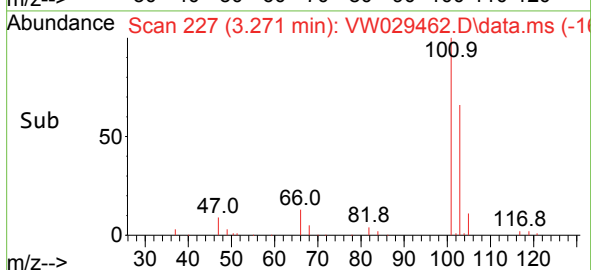
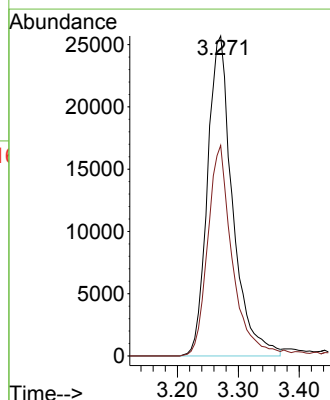
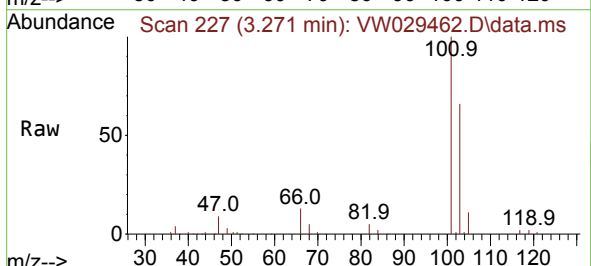
Acq: 05 Jul 2024 09:51

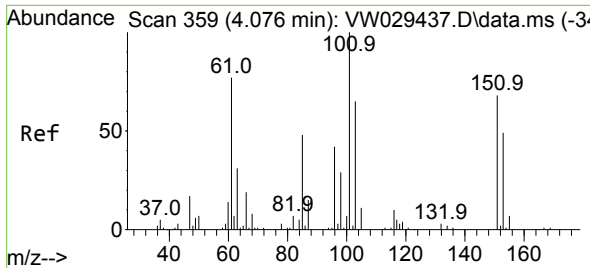
Tgt Ion:101 Resp: 73446

Ion Ratio Lower Upper

101 100

103 64.2 50.8 76.2

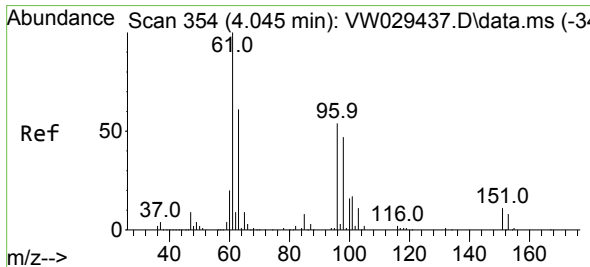
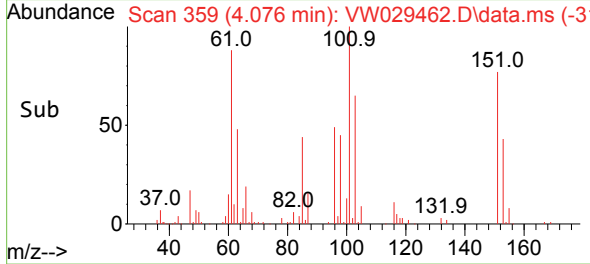
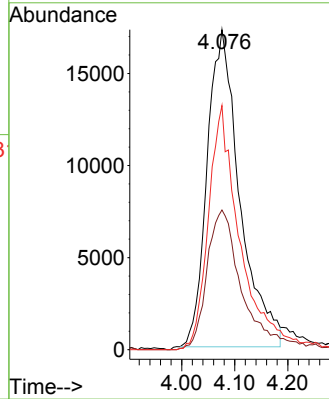
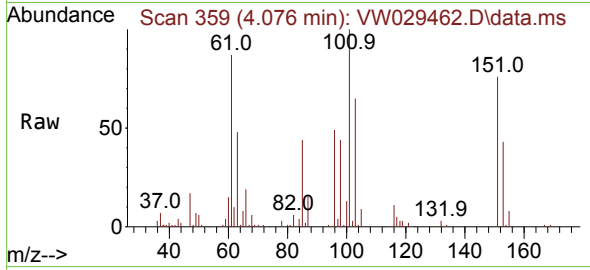




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.123 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW029462.D
 Acq: 05 Jul 2024 09:51

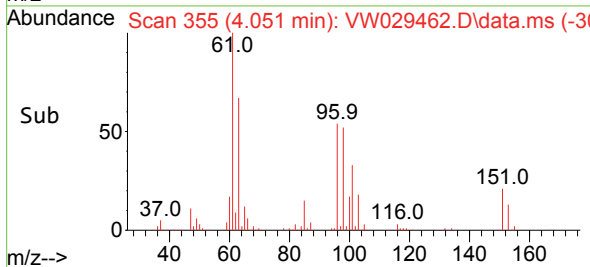
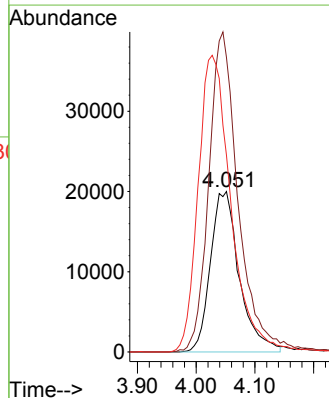
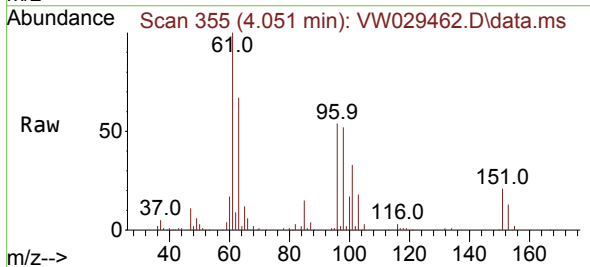
Instrument :
 MSVOA_W
 ClientSampleId :

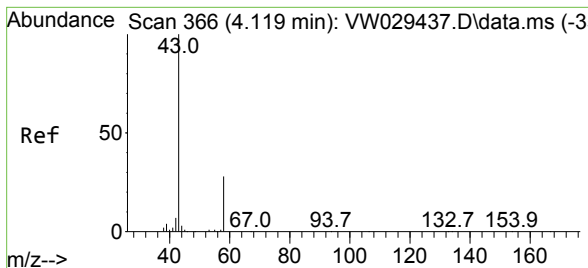
Tgt Ion:101 Resp: 73722
 Ion Ratio Lower Upper
 101 100
 85 44.5 30.2 45.2
 151 74.2 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 24.172 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW029462.D
 Acq: 05 Jul 2024 09:51

Tgt Ion: 96 Resp: 68350
 Ion Ratio Lower Upper
 96 100
 61 183.7 140.1 260.3
 63 122.8 122.0 226.6





#13

Acetone

Concen: 61.110 ug/L

RT: 4.119 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

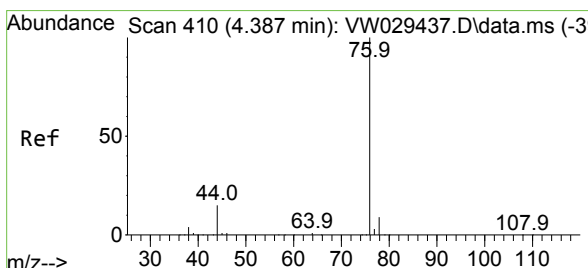
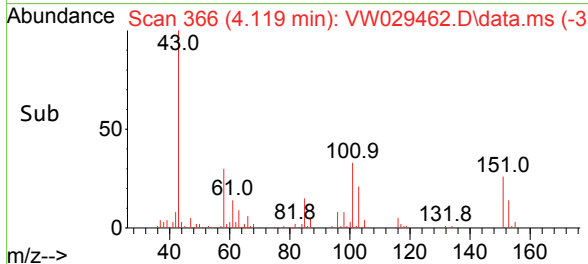
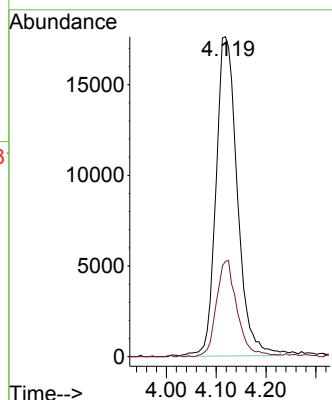
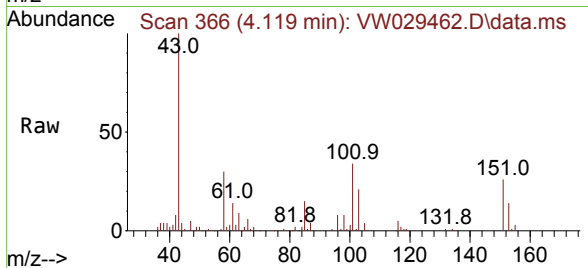
ClientSampleId :

Tgt Ion: 43 Resp: 52481

Ion Ratio Lower Upper

43 100

58 29.1 0.0 61.4



#14

Carbon disulfide

Concen: 20.071 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW029462.D

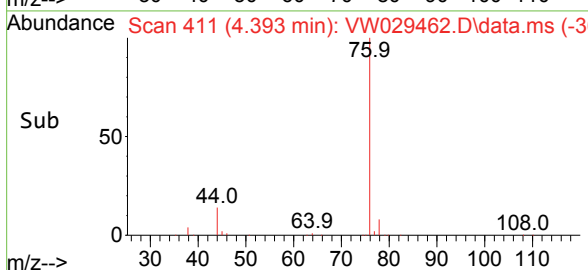
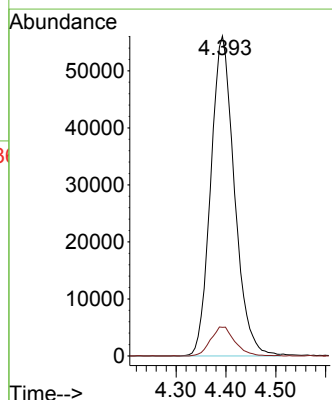
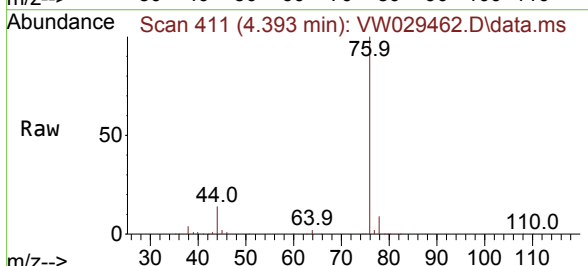
Acq: 05 Jul 2024 09:51

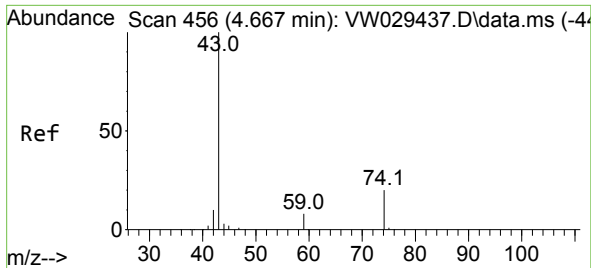
Tgt Ion: 76 Resp: 185266

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

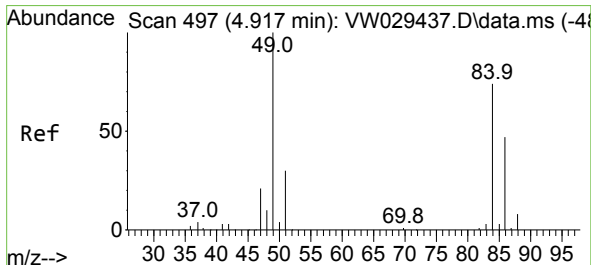
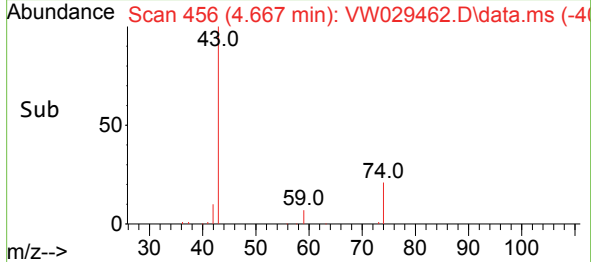
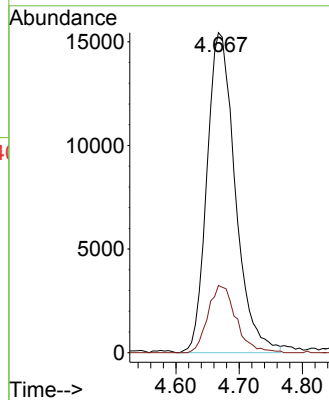
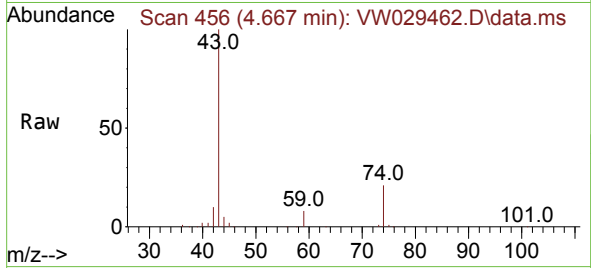




#15
Methyl Acetate
Concen: 28.156 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

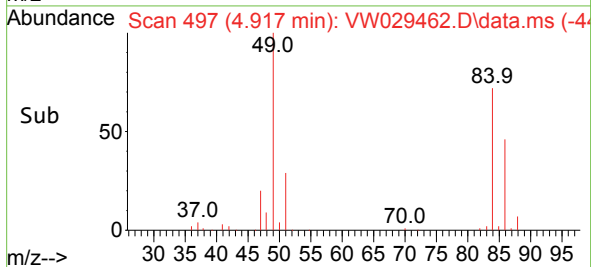
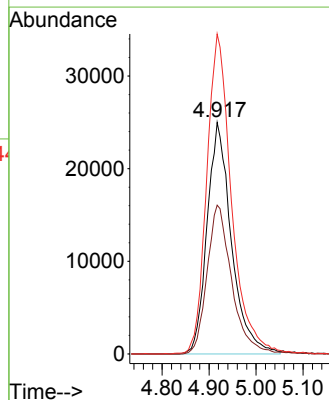
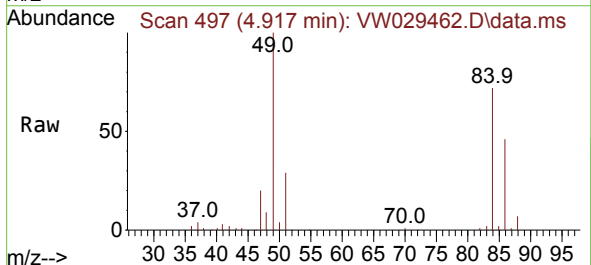
Instrument :
MSVOA_W
ClientSampleId :

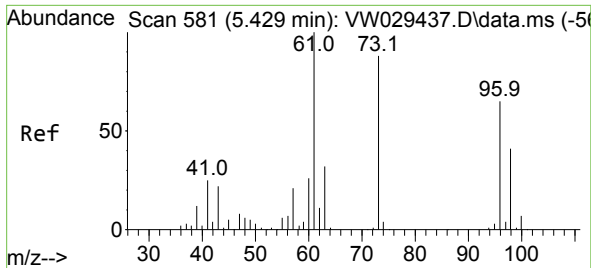
Tgt Ion: 43 Resp: 48002
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 20.939 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion: 84 Resp: 89847
Ion Ratio Lower Upper
84 100
86 64.2 41.4 77.0
49 138.2 95.7 177.7

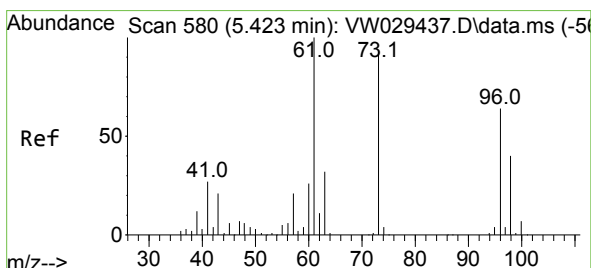
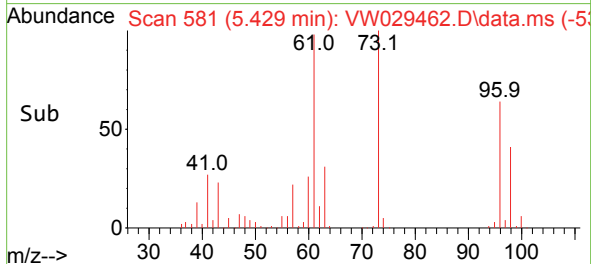
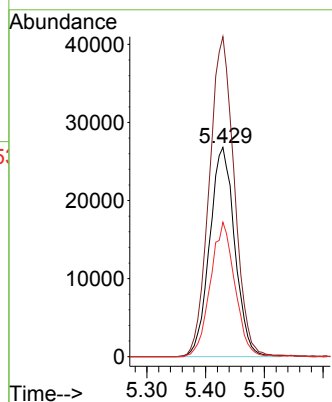
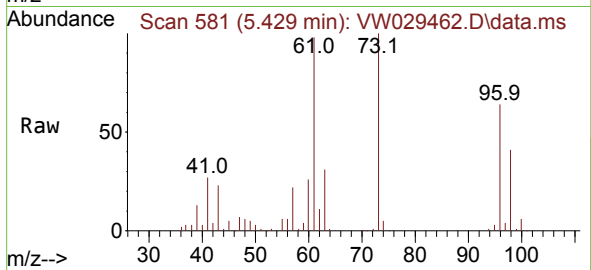




#17
trans-1,2-Dichloroethene
Concen: 25.393 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

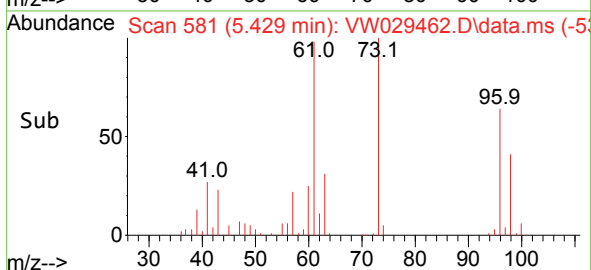
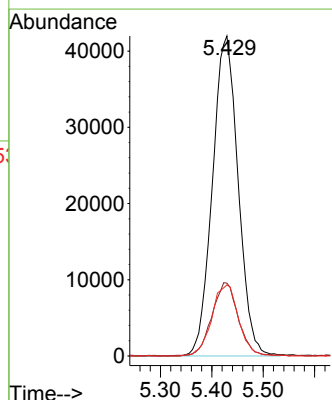
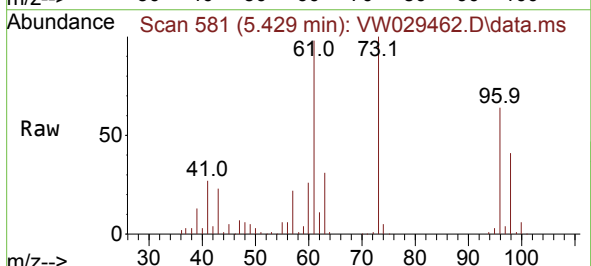
Instrument :
MSVOA_W
ClientSampleId :

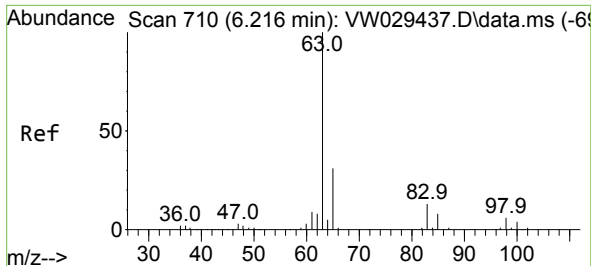
Tgt Ion: 96 Resp: 79737
Ion Ratio Lower Upper
96 100
61 153.0 101.5 188.5
98 64.3 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 29.041 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion: 73 Resp: 145901
Ion Ratio Lower Upper
73 100
43 22.8 19.5 29.3
57 23.1 18.4 27.6





#19

1,1-Dichloroethane

Concen: 26.364 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

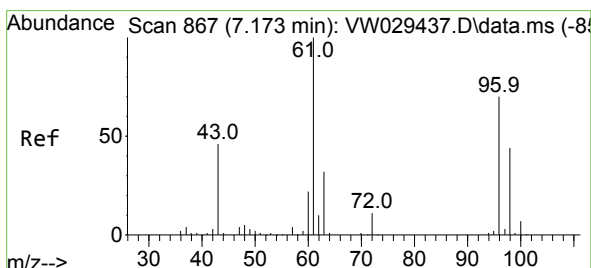
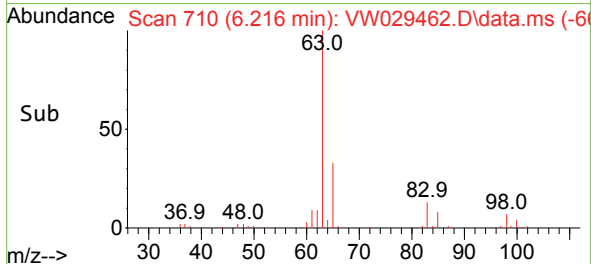
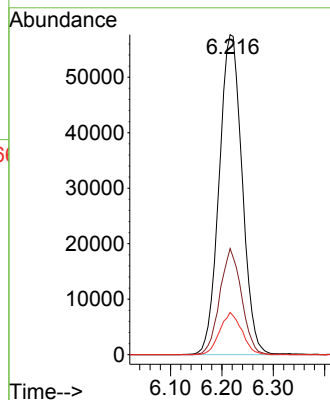
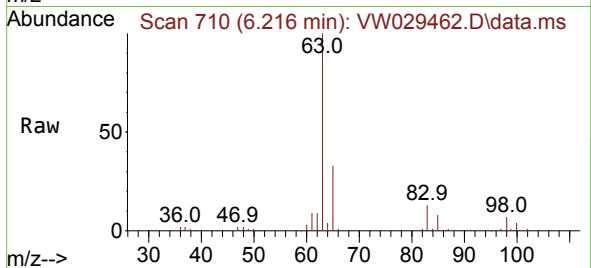
Tgt Ion: 63 Resp: 178800

Ion Ratio Lower Upper

63 100

65 33.1 23.4 43.4

83 13.2 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 26.962 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

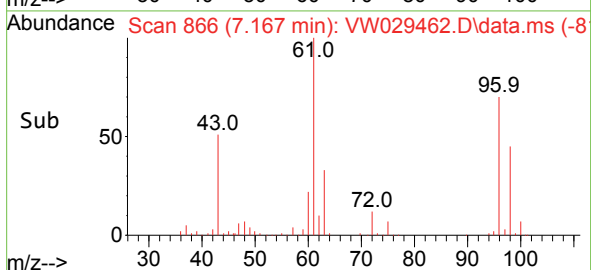
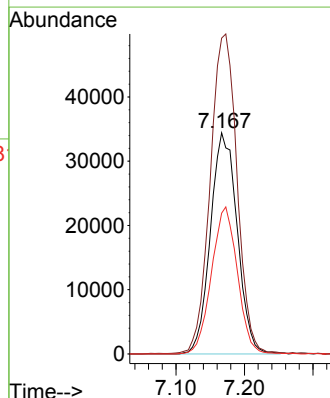
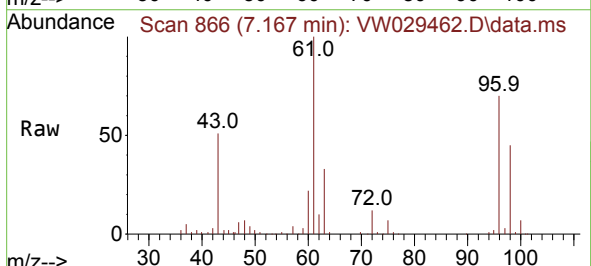
Tgt Ion: 96 Resp: 93365

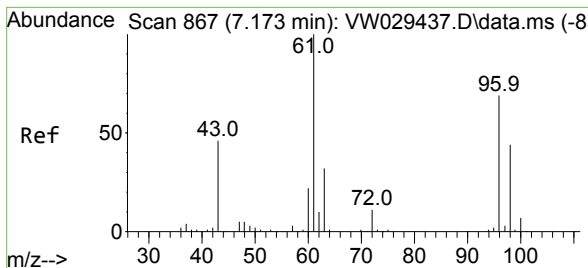
Ion Ratio Lower Upper

96 100

61 142.9 97.8 181.6

98 63.7 43.0 79.8





#22

2-Butanone

Concen: 58.541 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

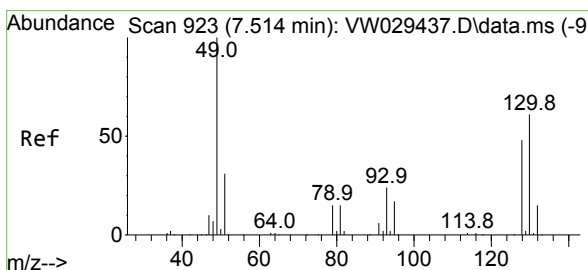
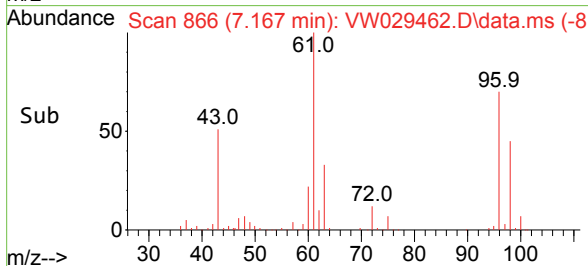
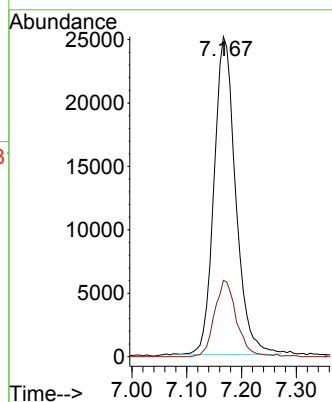
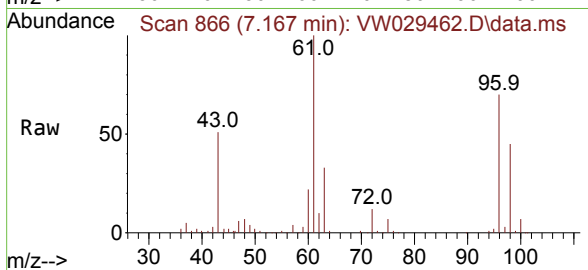
ClientSampleId :

Tgt Ion: 43 Resp: 68916

Ion Ratio Lower Upper

43 100

72 24.4 11.9 35.7



#23

Bromochloromethane

Concen: 26.198 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Tgt Ion: 128 Resp: 40384

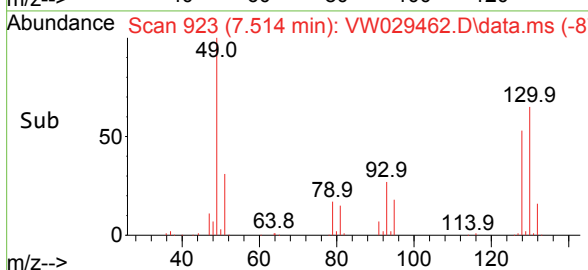
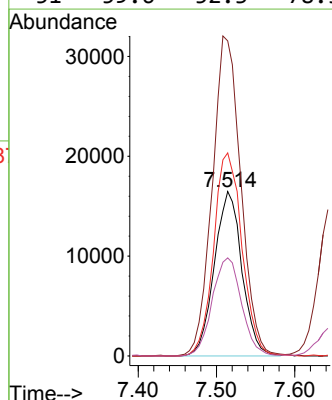
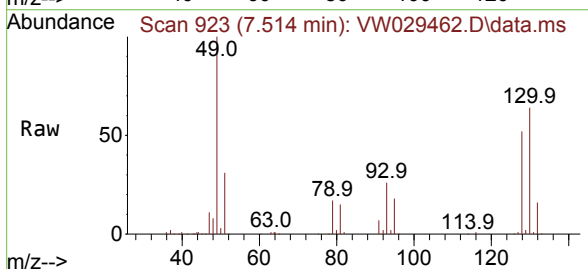
Ion Ratio Lower Upper

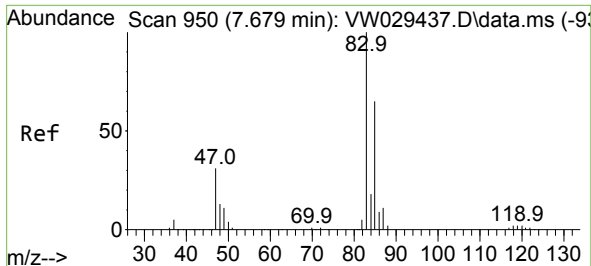
128 100

49 191.5 142.6 264.8

130 123.4 79.7 148.1

51 59.6 52.3 78.5

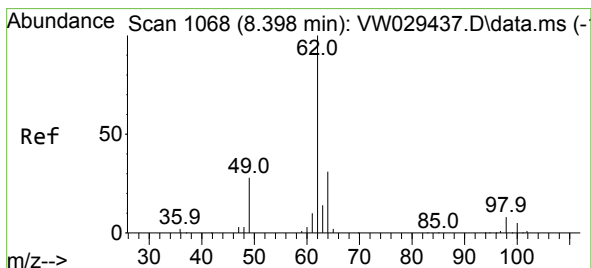
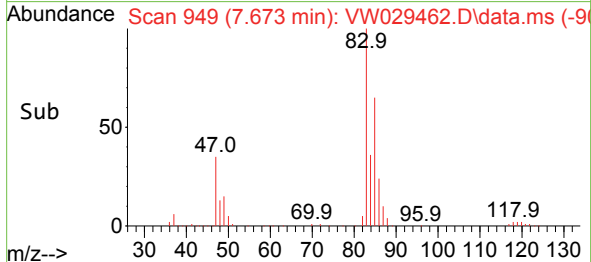
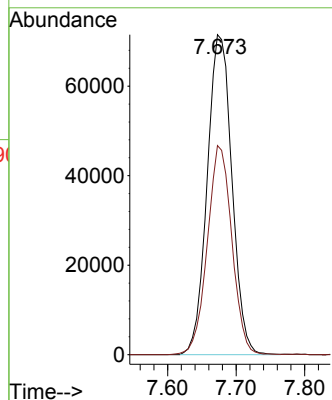
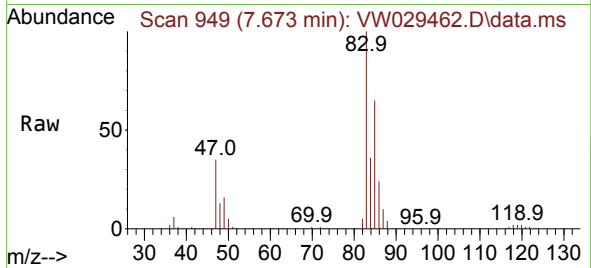




#25
Chloroform
Concen: 27.060 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

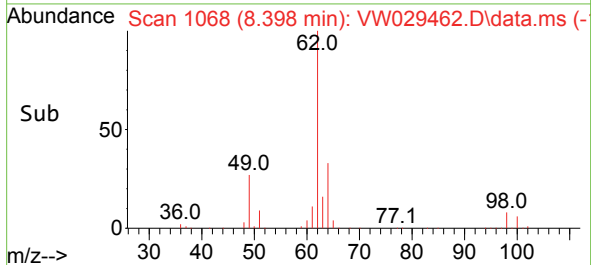
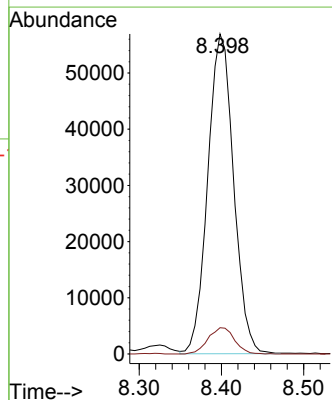
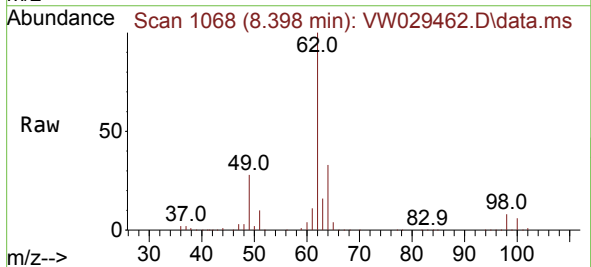
Instrument :
MSVOA_W
ClientSampleId :

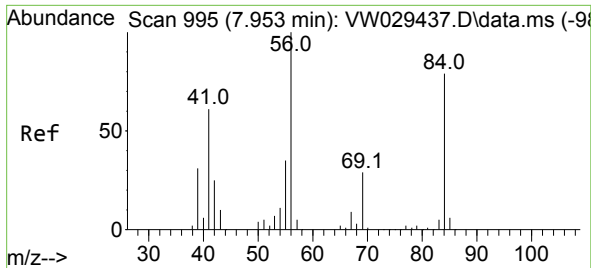
Tgt Ion: 83 Resp: 179205
Ion Ratio Lower Upper
83 100
85 65.3 44.4 82.4



#27
1,2-Dichloroethane
Concen: 25.459 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion: 62 Resp: 124348
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0

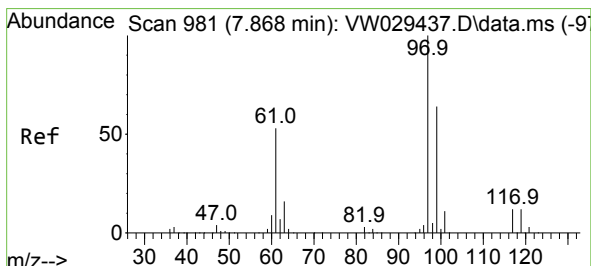
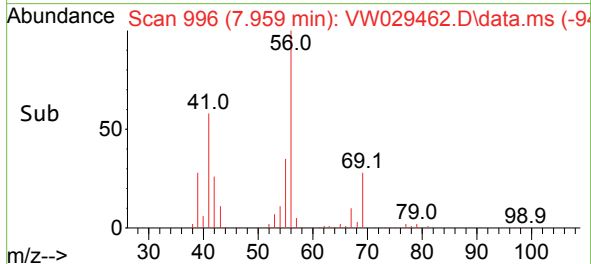
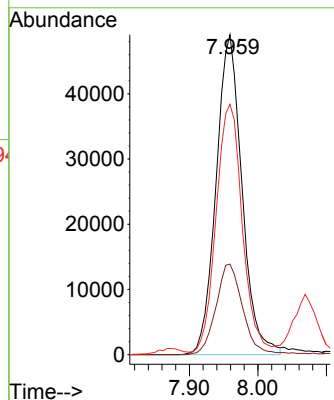
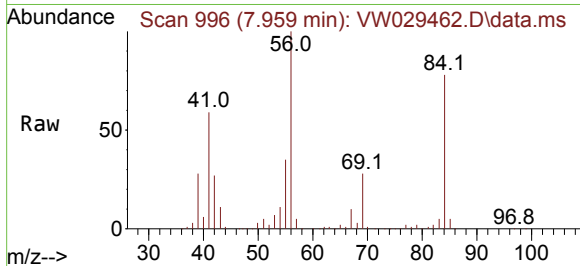




#29
Cyclohexane
Concen: 24.565 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

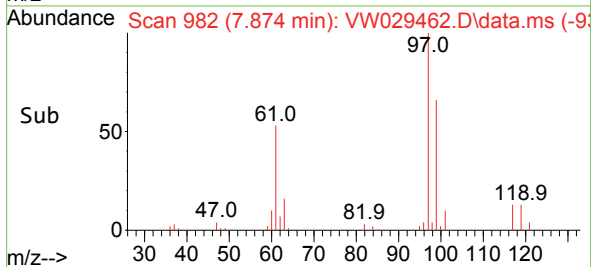
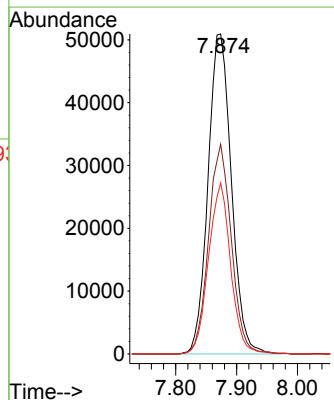
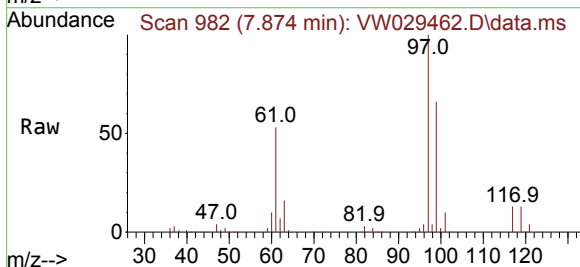
Instrument :
MSVOA_W
ClientSampleId :

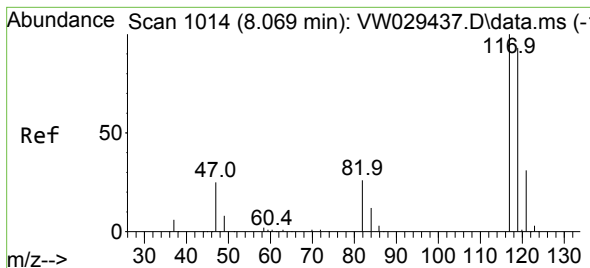
Tgt Ion: 56 Resp: 128784
Ion Ratio Lower Upper
56 100
69 28.9 23.4 35.0
84 79.1 64.5 96.7



#30
1,1,1-Trichloroethane
Concen: 26.677 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion: 97 Resp: 136040
Ion Ratio Lower Upper
97 100
99 63.7 53.0 79.4
61 50.4 43.0 64.4

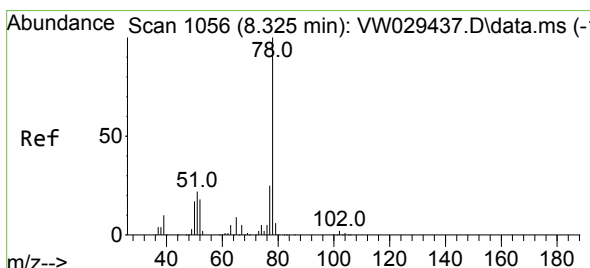
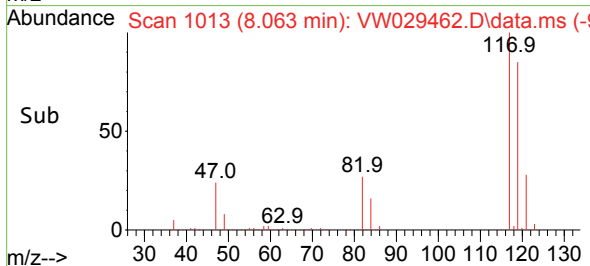
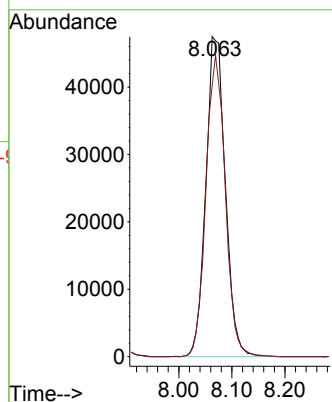
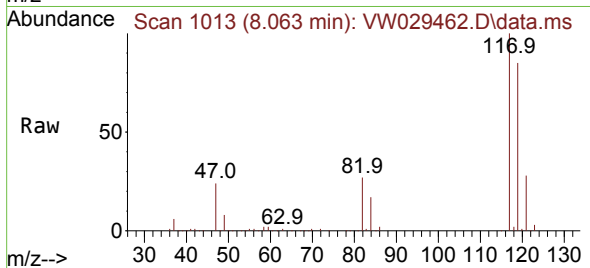




#31
Carbon tetrachloride
Concen: 26.081 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

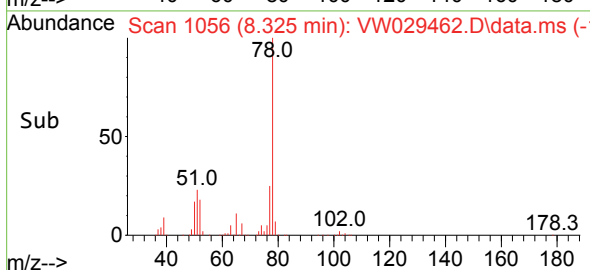
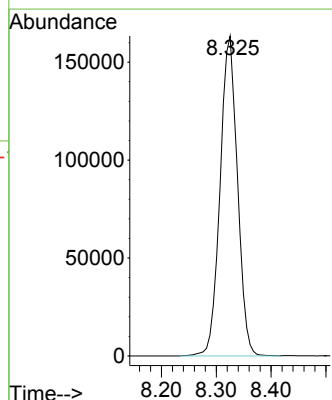
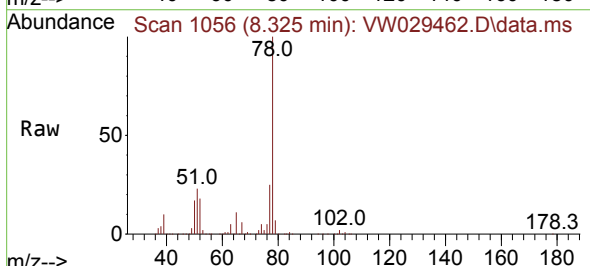
Instrument :
MSVOA_W
ClientSampleId :

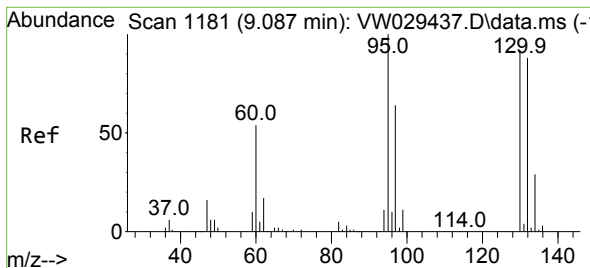
Tgt Ion:117 Resp: 121495
Ion Ratio Lower Upper
117 100
119 93.5 79.0 118.4



#33
Benzene
Concen: 26.169 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion: 78 Resp: 360585





#34

Trichloroethene

Concen: 25.173 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 92540

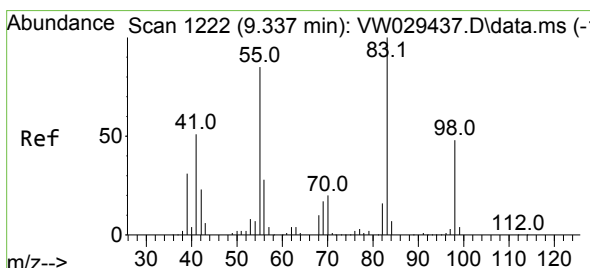
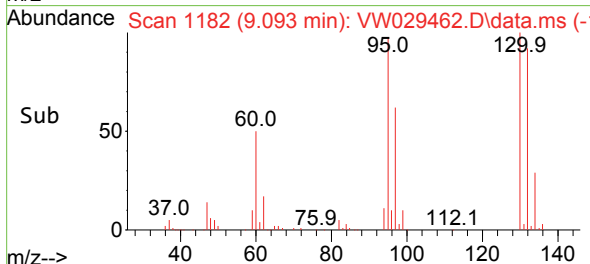
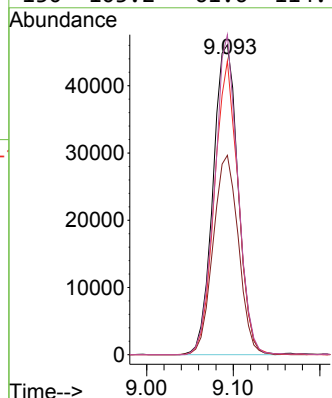
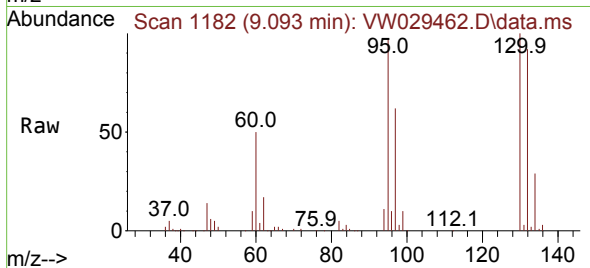
Ion Ratio Lower Upper

95 100

97 64.3 45.7 84.9

132 94.8 66.4 123.4

130 103.2 61.6 114.4



#35

Methylcyclohexane

Concen: 24.683 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

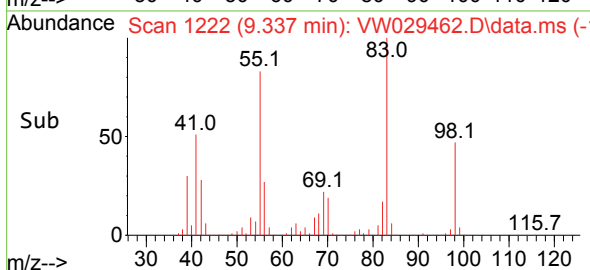
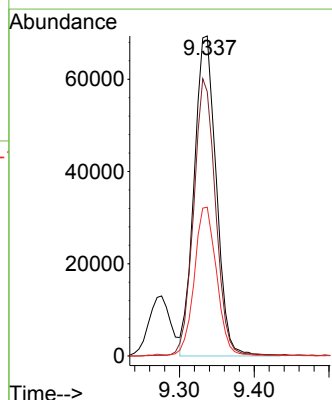
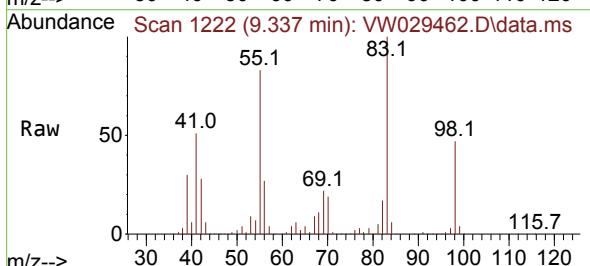
Tgt Ion: 83 Resp: 142706

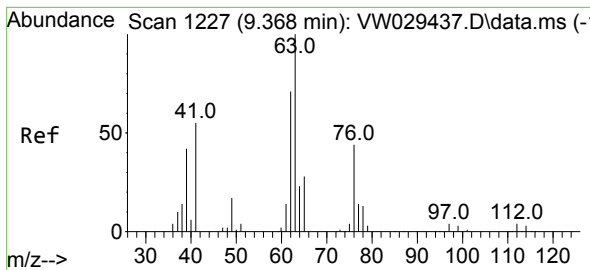
Ion Ratio Lower Upper

83 100

55 84.7 69.5 104.3

98 46.5 38.0 57.0

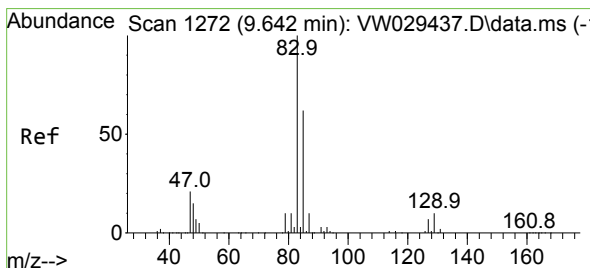
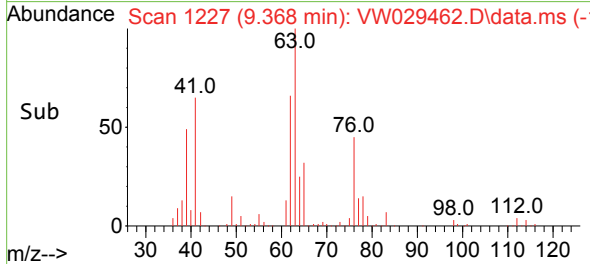
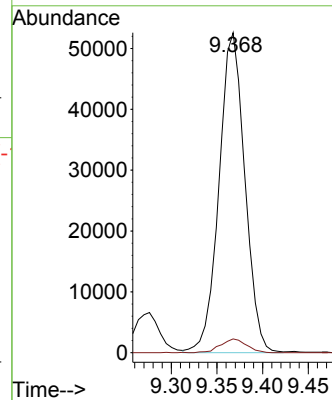
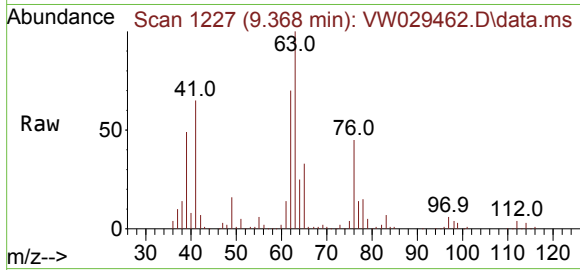




#37
1,2-Dichloropropane
Concen: 26.695 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

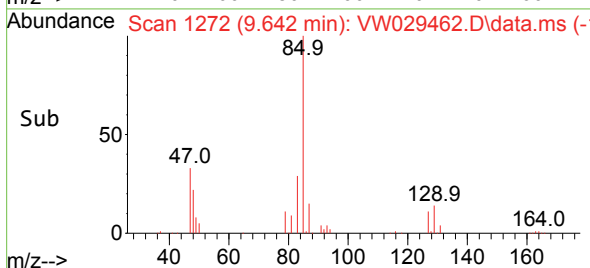
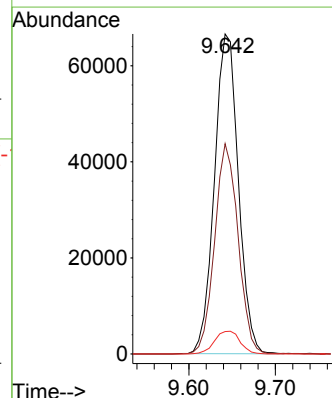
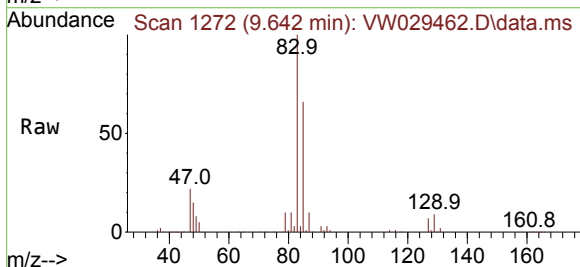
Instrument :
MSVOA_W
ClientSampleId :

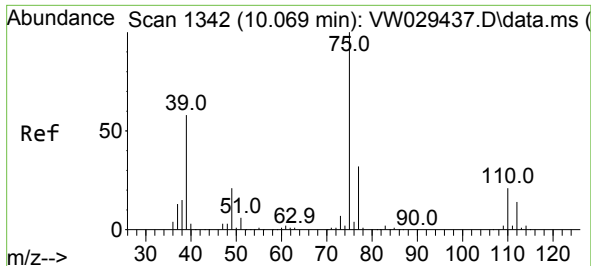
Tgt Ion: 63 Resp: 103359
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.6



#38
Bromodichloromethane
Concen: 27.006 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion: 83 Resp: 127846
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.9
127 7.0 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 28.557 ug/L

RT: 10.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

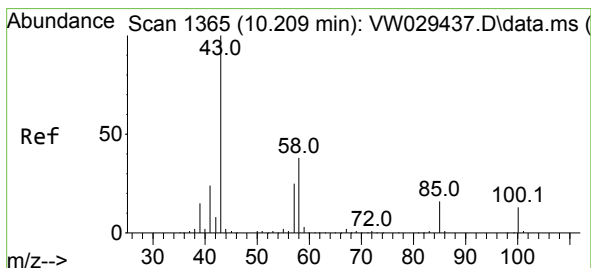
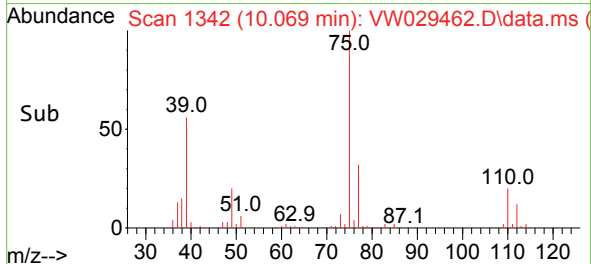
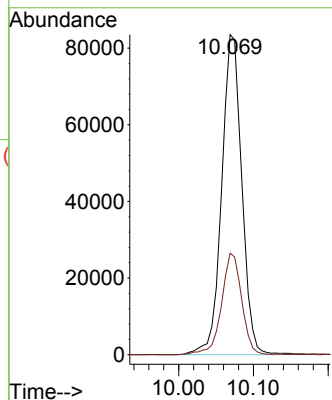
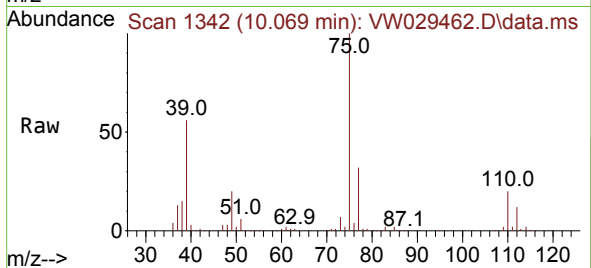
ClientSampleId :

Tgt Ion: 75 Resp: 156301

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 58.343 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

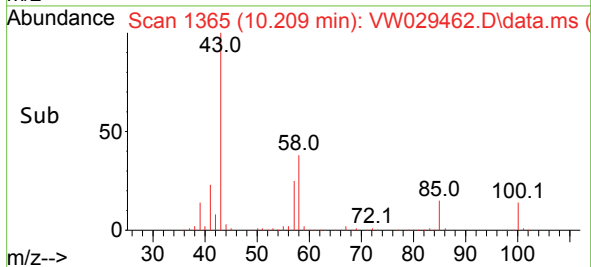
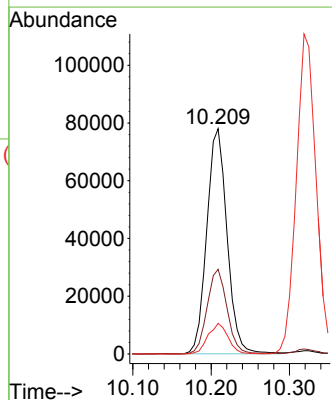
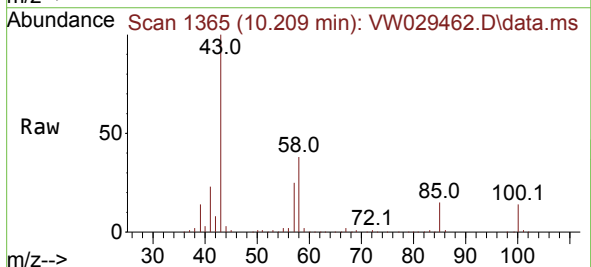
Tgt Ion: 43 Resp: 140014

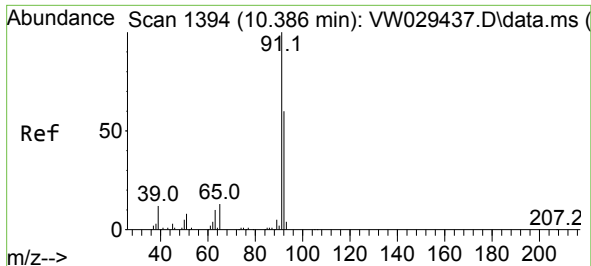
Ion Ratio Lower Upper

43 100

58 37.0 28.2 42.4

100 13.5 11.0 16.4

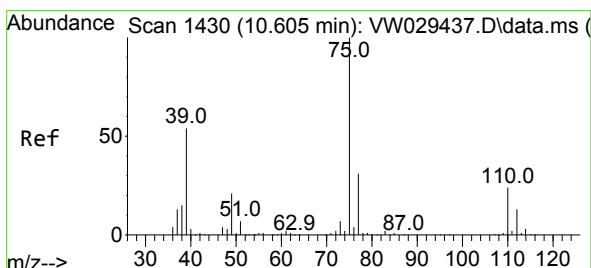
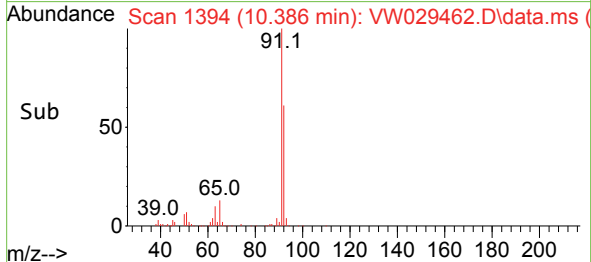
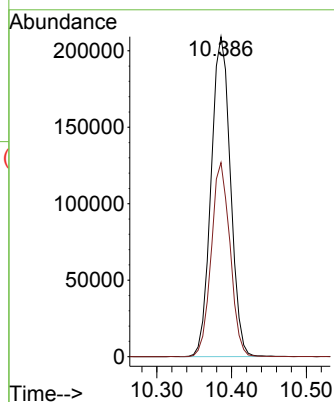
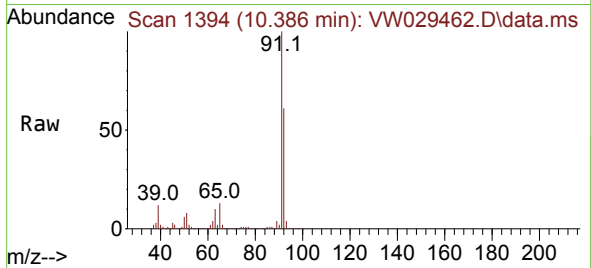




#42
Toluene
Concen: 26.624 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

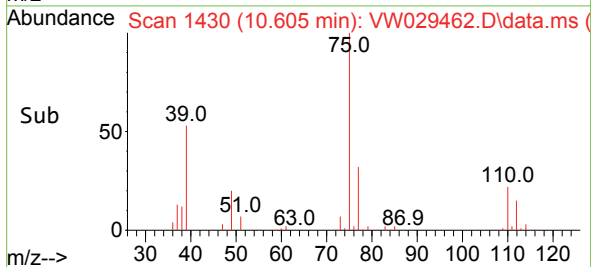
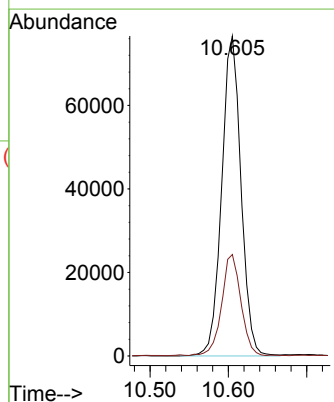
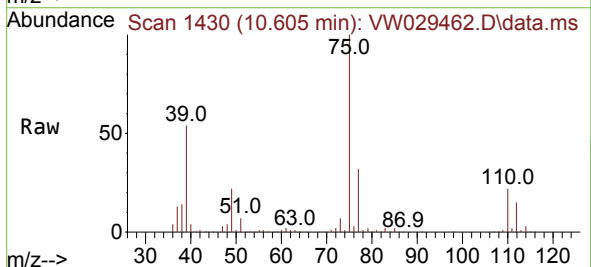
Instrument :
MSVOA_W
ClientSampleId :

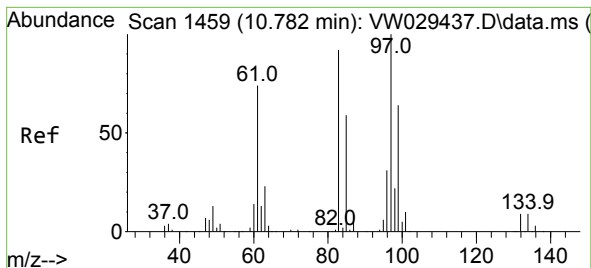
Tgt Ion: 91 Resp: 377145
Ion Ratio Lower Upper
91 100
92 60.6 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 28.415 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion: 75 Resp: 131320
Ion Ratio Lower Upper
75 100
77 31.7 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 27.098 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 73074

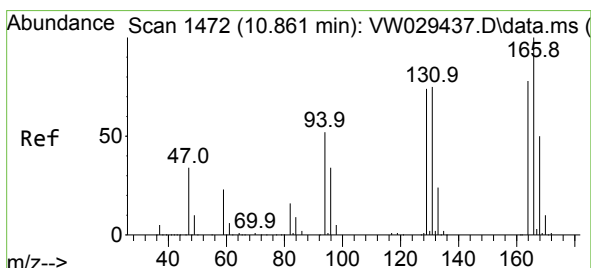
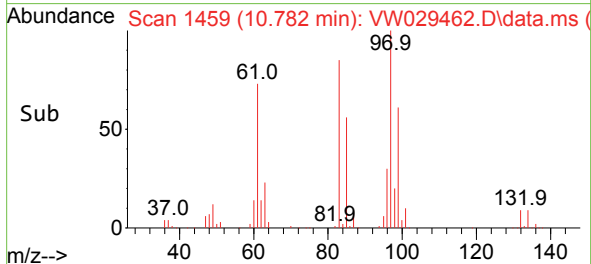
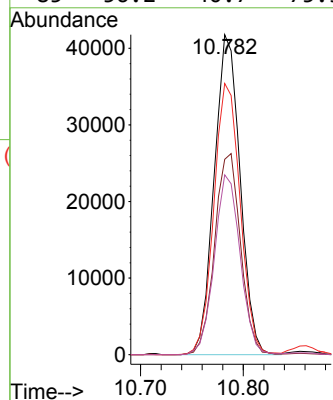
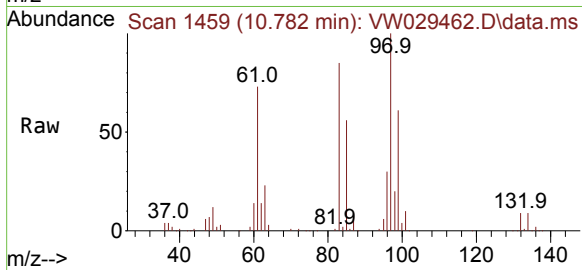
Ion Ratio Lower Upper

97 100

99 61.0 42.3 78.5

83 84.8 57.7 107.1

85 56.2 40.7 75.5



#46

Tetrachloroethene

Concen: 25.561 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Tgt Ion:164 Resp: 65688

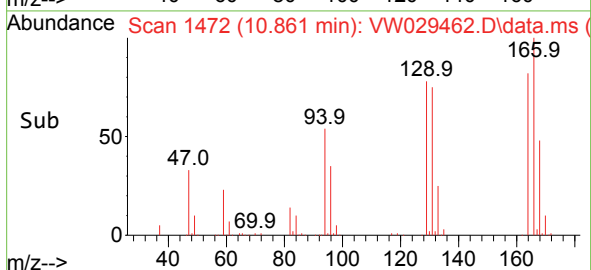
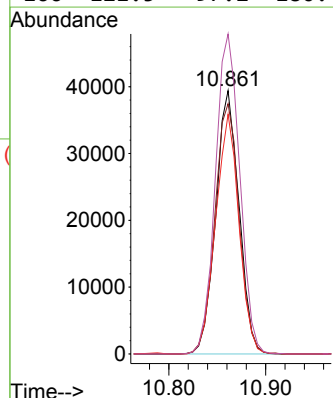
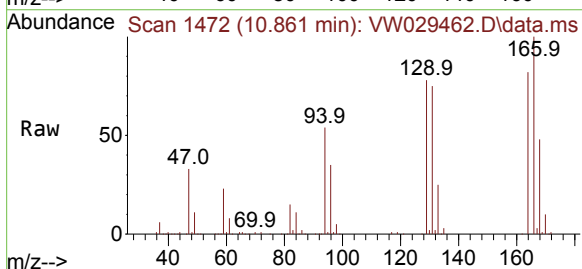
Ion Ratio Lower Upper

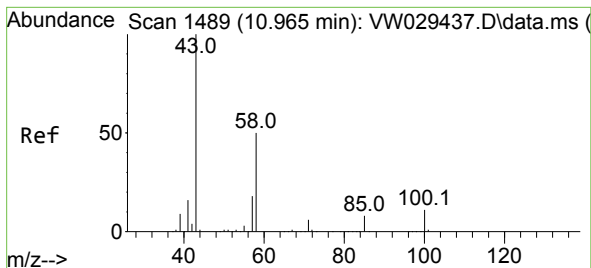
164 100

129 95.0 68.5 127.3

131 91.0 71.8 133.4

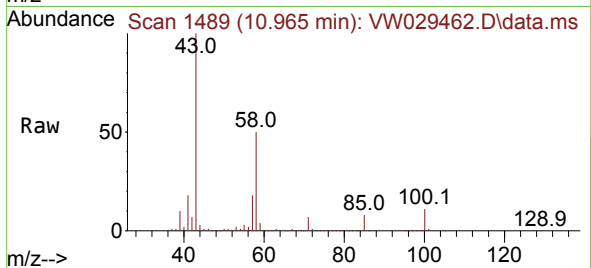
166 121.5 97.2 180.4



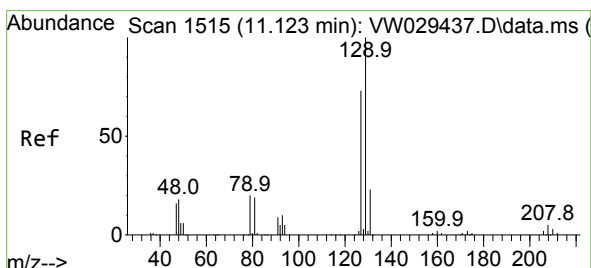
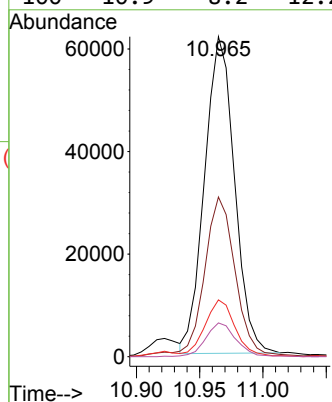
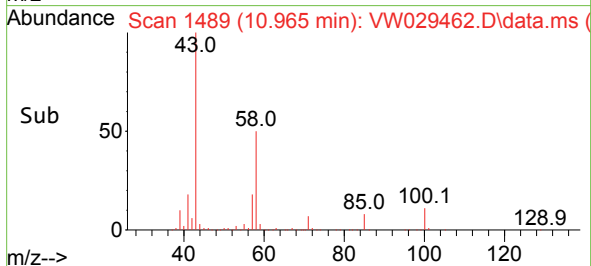


#48
2-Hexanone
Concen: 59.781 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

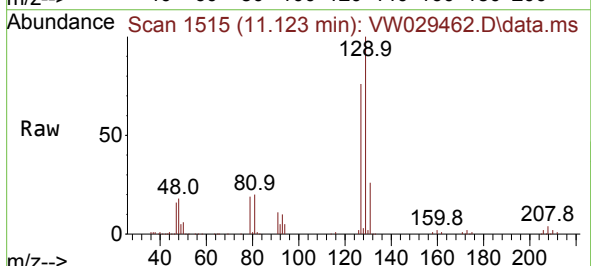
Instrument :
MSVOA_W
ClientSampleId :



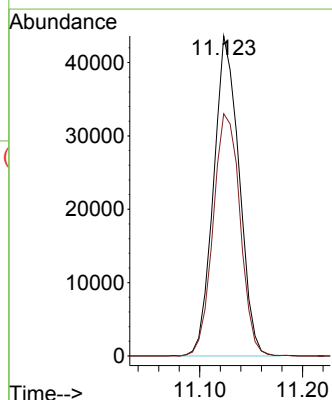
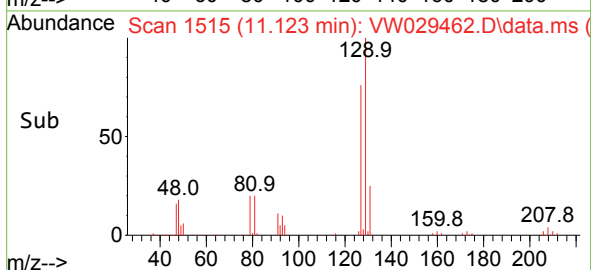
Tgt Ion: 43 Resp: 101799
Ion Ratio Lower Upper
43 100
58 51.4 39.6 59.4
57 18.2 14.6 21.8
100 10.9 8.2 12.2

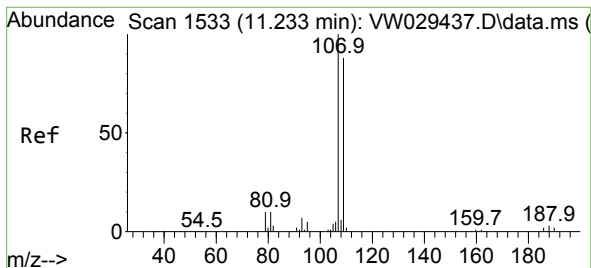


#49
Dibromochloromethane
Concen: 26.721 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51



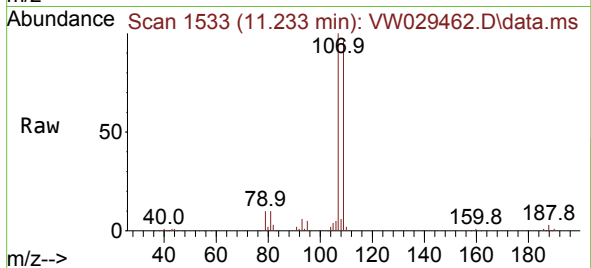
Tgt Ion: 129 Resp: 75322
Ion Ratio Lower Upper
129 100
127 75.7 54.8 101.8



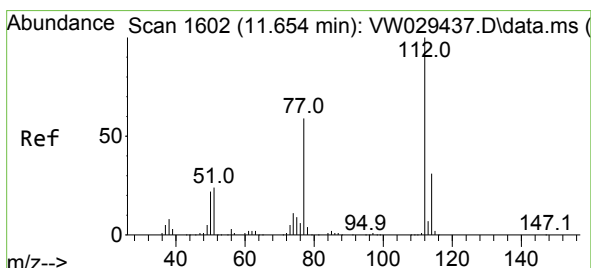
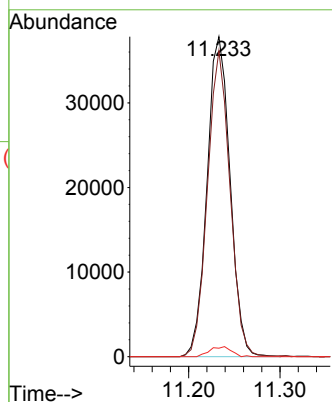
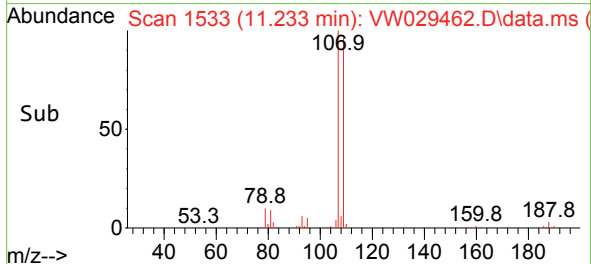


#50
1,2-Dibromoethane
Concen: 27.330 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

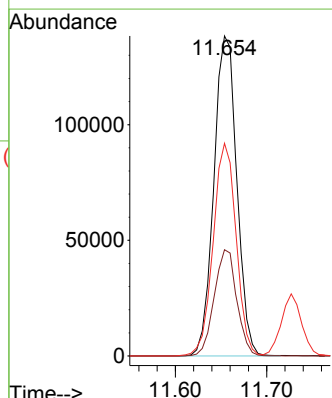
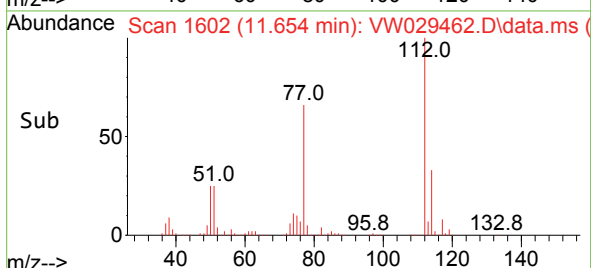
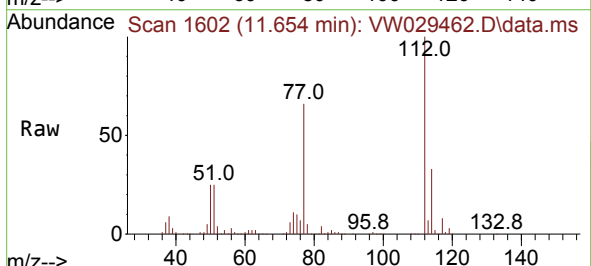


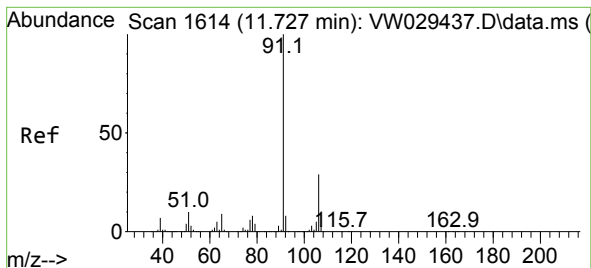
Tgt Ion:107 Resp: 66157
Ion Ratio Lower Upper
107 100
109 95.6 65.5 121.6
188 2.7 2.6 4.0



#51
Chlorobenzene
Concen: 26.283 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion:112 Resp: 241773
Ion Ratio Lower Upper
112 100
114 33.2 22.6 42.0
77 66.5 51.0 76.6





#52

Ethylbenzene

Concen: 27.610 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

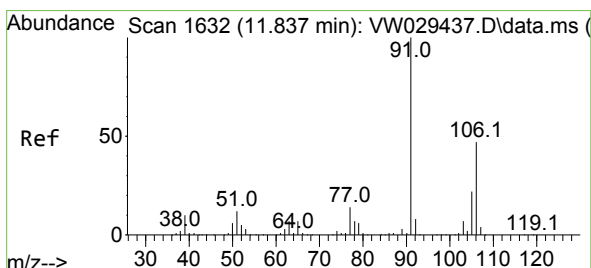
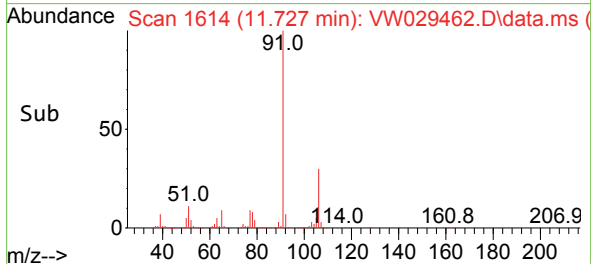
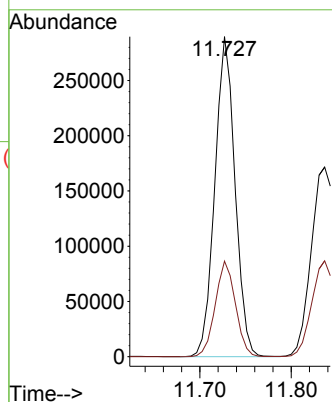
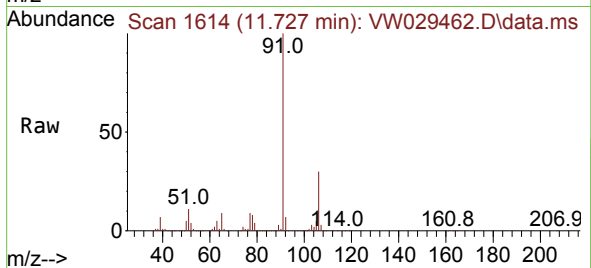
ClientSampleId :

Tgt Ion: 91 Resp: 443958

Ion Ratio Lower Upper

91 100

106 29.8 19.9 37.0



#53

m,p-Xylene

Concen: 27.522 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029462.D

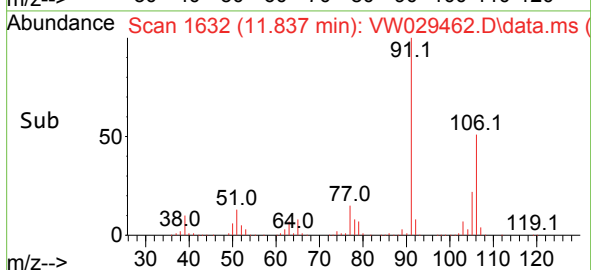
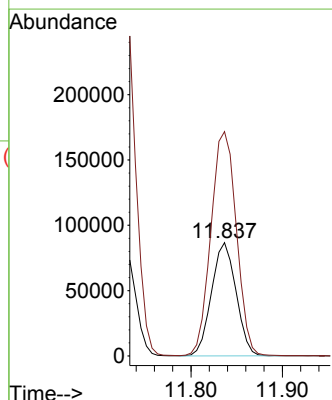
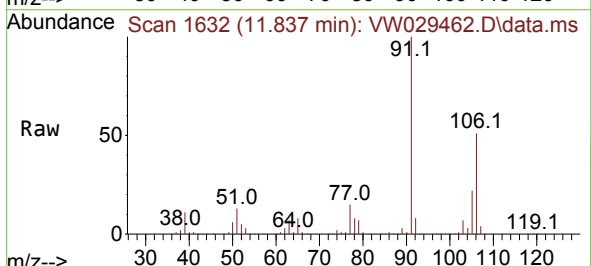
Acq: 05 Jul 2024 09:51

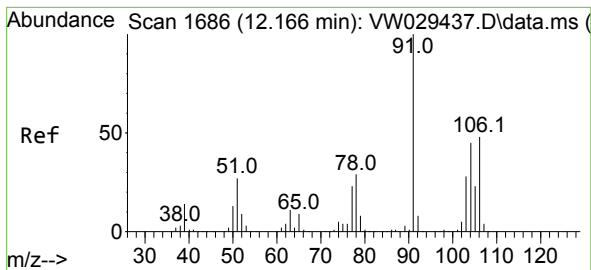
Tgt Ion:106 Resp: 161649

Ion Ratio Lower Upper

106 100

91 197.9 140.5 260.9

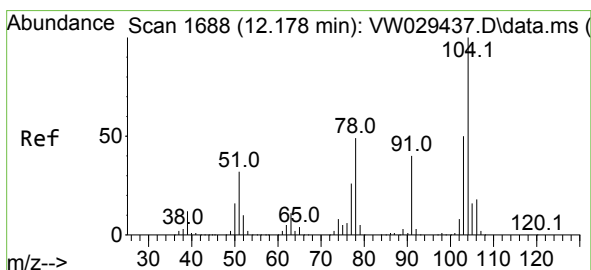
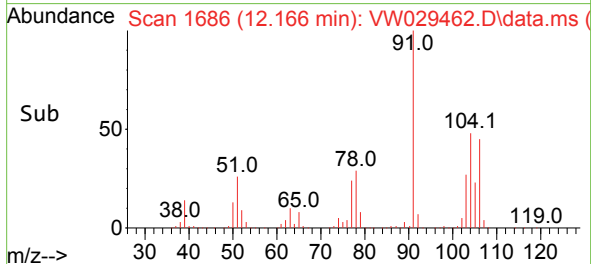
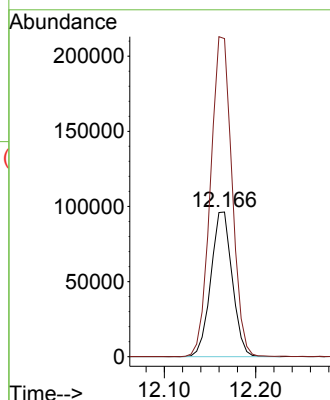
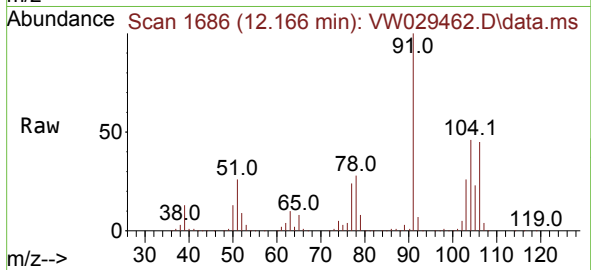




#54
o-Xylene
Concen: 28.503 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

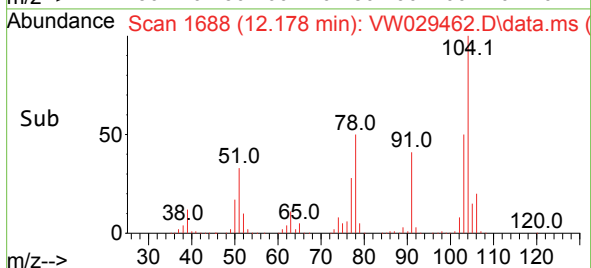
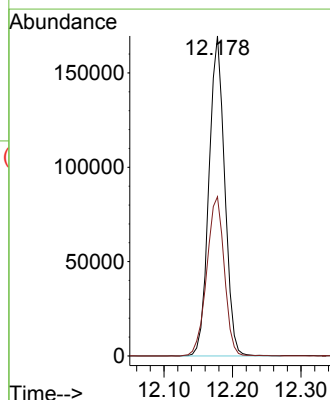
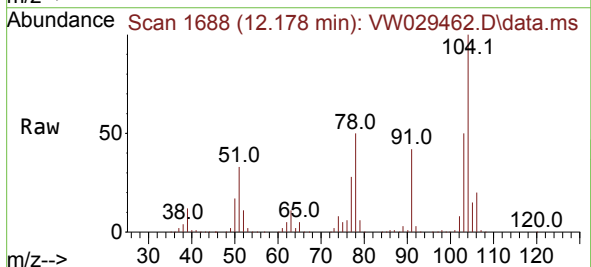
Instrument :
MSVOA_W
ClientSampleId :

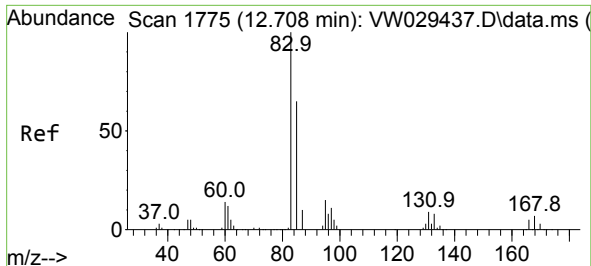
Tgt Ion:106 Resp: 156461
Ion Ratio Lower Upper
106 100
91 220.0 149.9 278.5



#55
Styrene
Concen: 28.336 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion:104 Resp: 271199
Ion Ratio Lower Upper
104 100
78 49.7 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.976 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

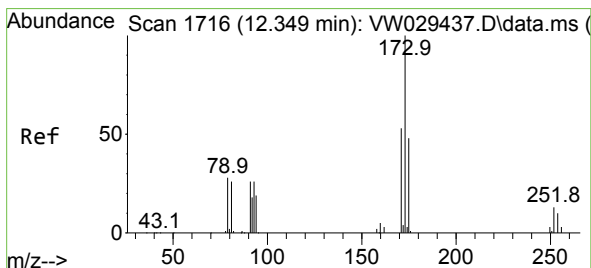
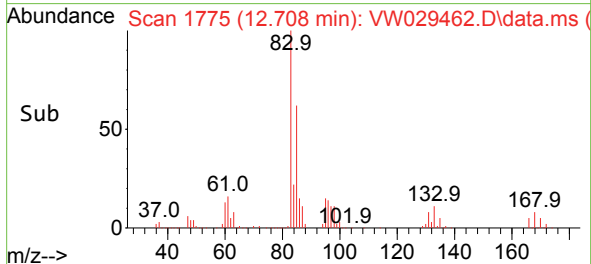
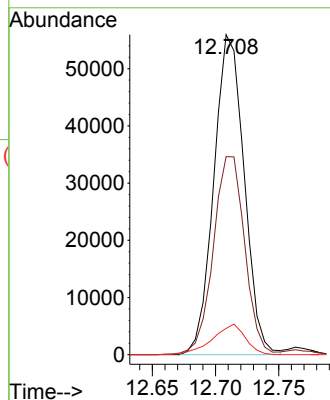
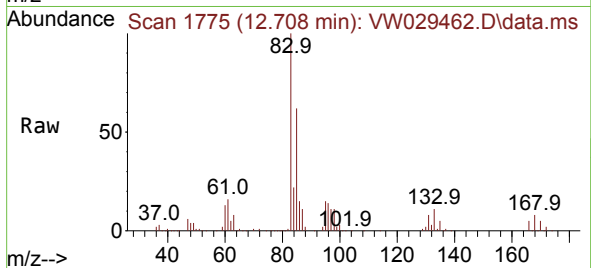
Tgt Ion: 83 Resp: 93320

Ion Ratio Lower Upper

83 100

85 61.9 45.8 85.0

131 8.2 7.8 11.6



#59

Bromoform

Concen: 28.516 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

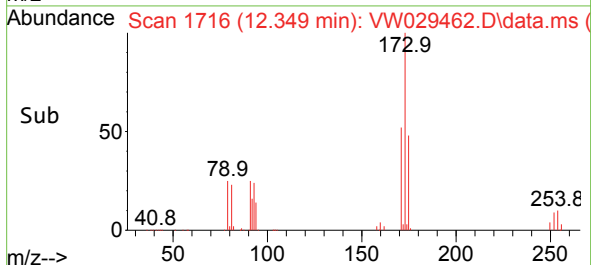
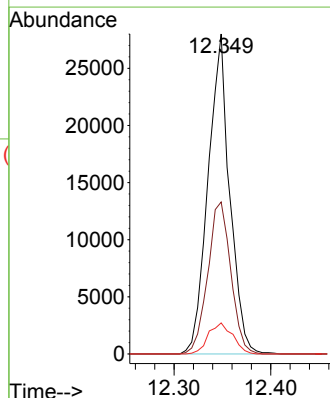
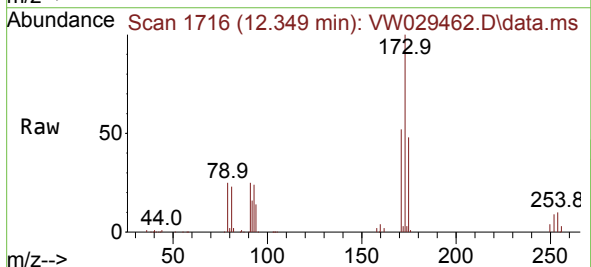
Tgt Ion:173 Resp: 43466

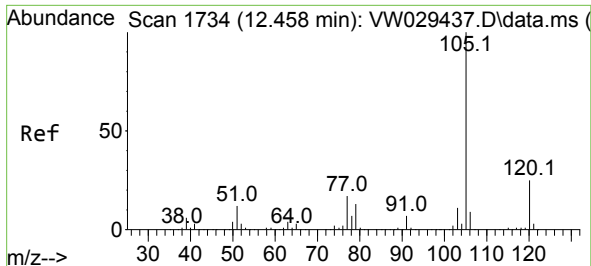
Ion Ratio Lower Upper

173 100

175 50.6 37.8 56.8

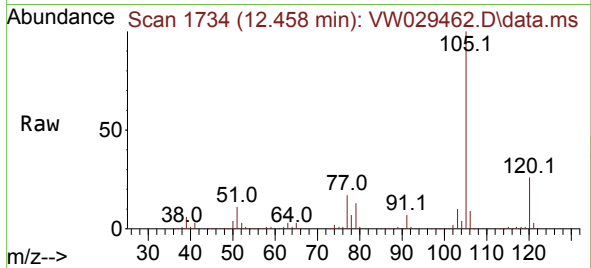
254 10.9 7.8 11.6



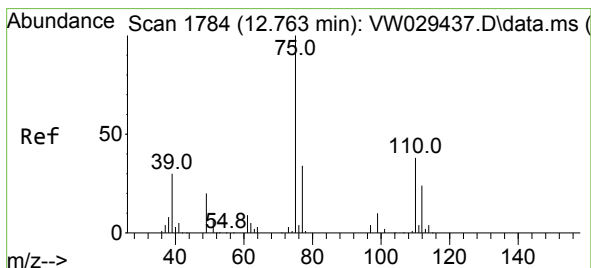
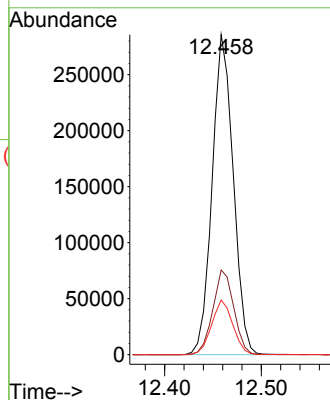
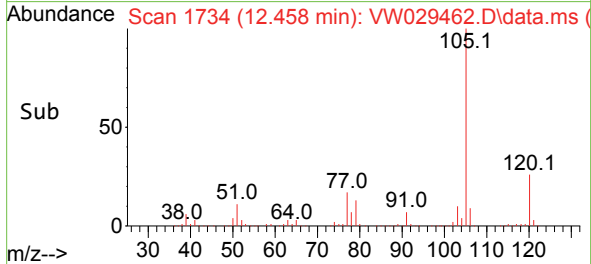


#60
Isopropylbenzene
Concen: 29.201 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

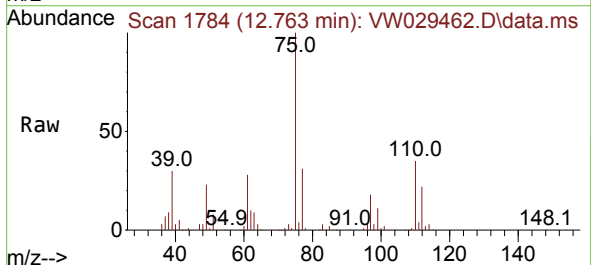
Instrument :
MSVOA_W
ClientSampleId :



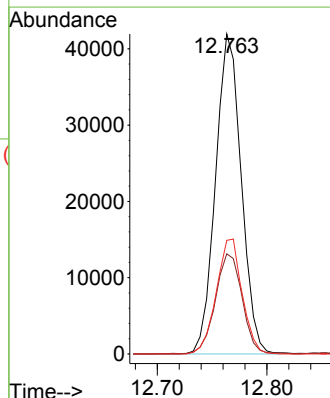
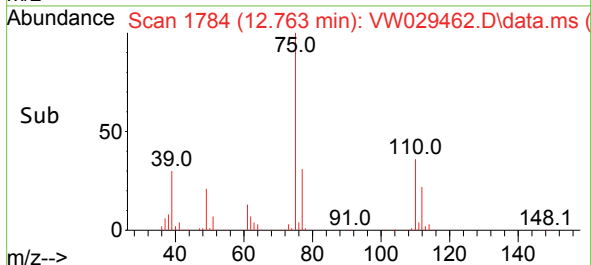
Tgt Ion:105 Resp: 432738
Ion Ratio Lower Upper
105 100
120 26.3 20.5 30.7
77 17.2 13.6 20.4

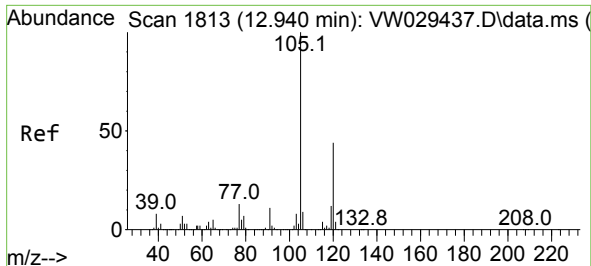


#61
1,2,3-Trichloropropane
Concen: 28.192 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51



Tgt Ion: 75 Resp: 68389
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 36.1 29.5 44.3

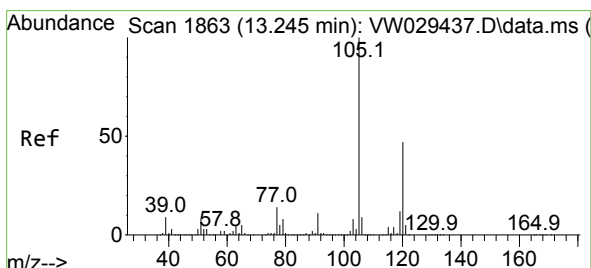
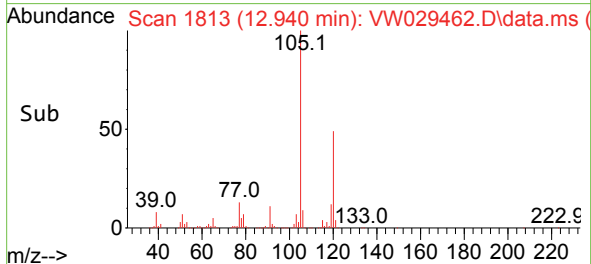
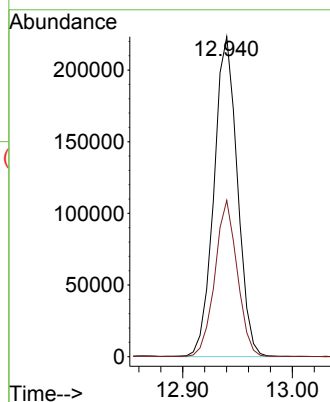
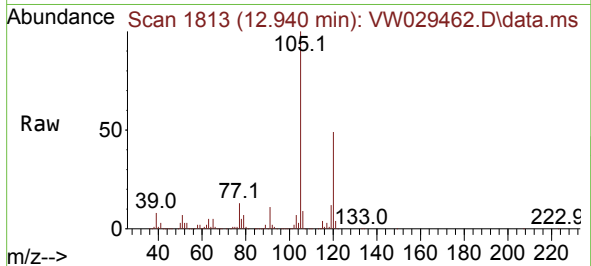




#62
 1,3,5-Trimethylbenzene
 Concen: 30.930 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW029462.D
 Acq: 05 Jul 2024 09:51

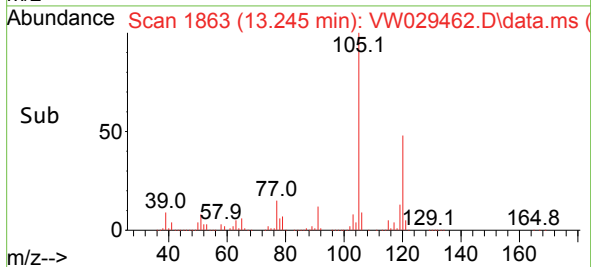
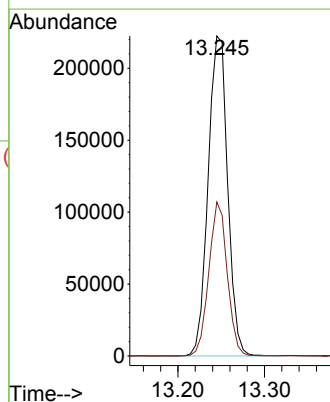
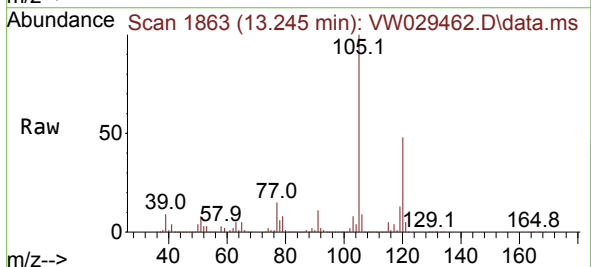
Instrument :
 MSVOA_W
 ClientSampleId :

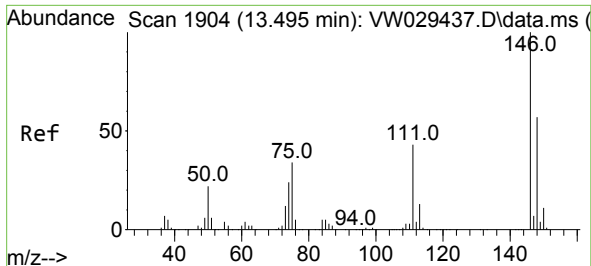
Tgt Ion:105 Resp: 331956
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.4 54.6



#63
 1,2,4-Trimethylbenzene
 Concen: 30.144 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW029462.D
 Acq: 05 Jul 2024 09:51

Tgt Ion:105 Resp: 348085
 Ion Ratio Lower Upper
 105 100
 120 45.4 34.9 52.3

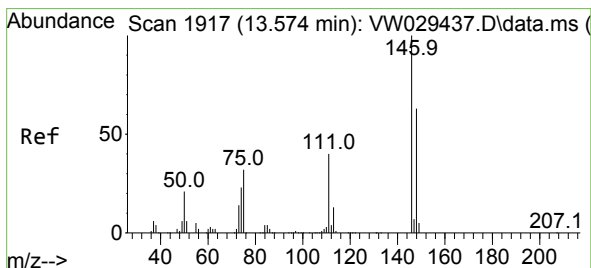
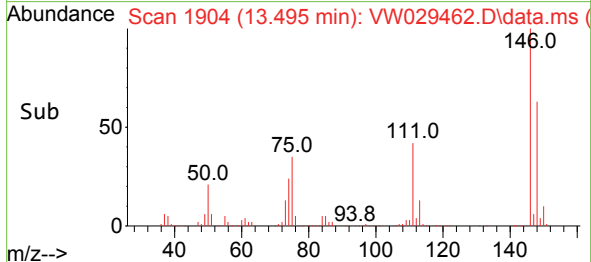
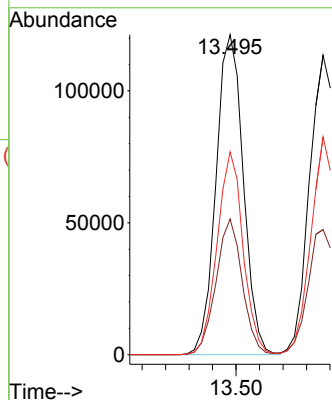
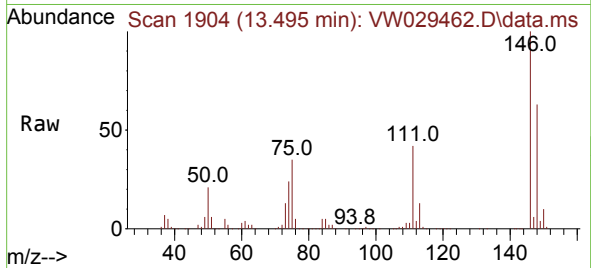




#64
1,3-Dichlorobenzene
Concen: 30.566 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

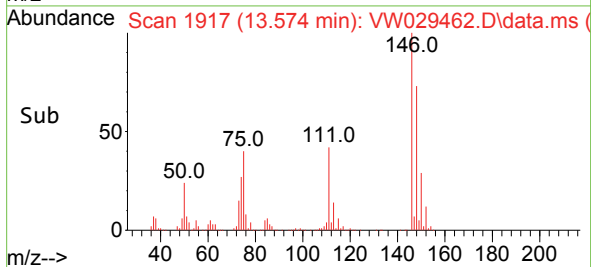
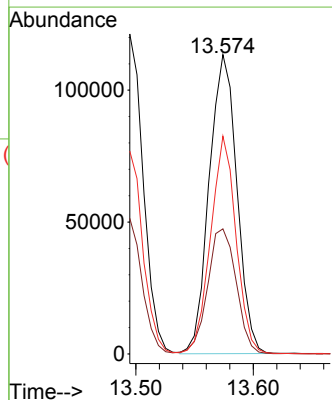
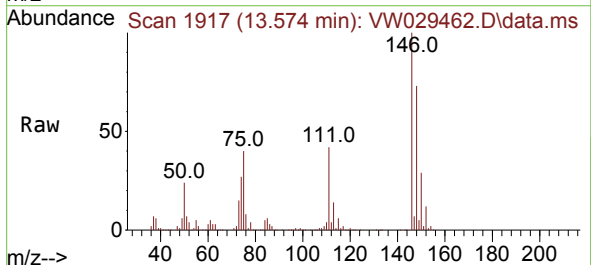
Instrument :
MSVOA_W
ClientSampleId :

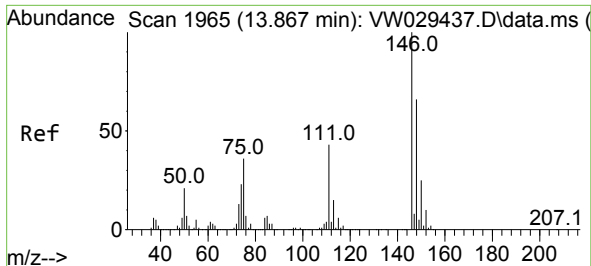
Tgt Ion:146 Resp: 196021
Ion Ratio Lower Upper
146 100
111 42.4 33.0 61.2
148 63.4 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 27.232 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029462.D
Acq: 05 Jul 2024 09:51

Tgt Ion:146 Resp: 185808
Ion Ratio Lower Upper
146 100
111 41.8 28.9 53.7
148 72.8 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 28.139 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

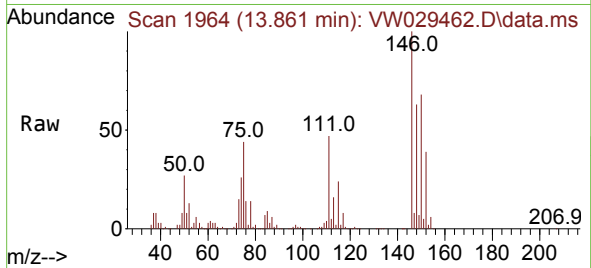
Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



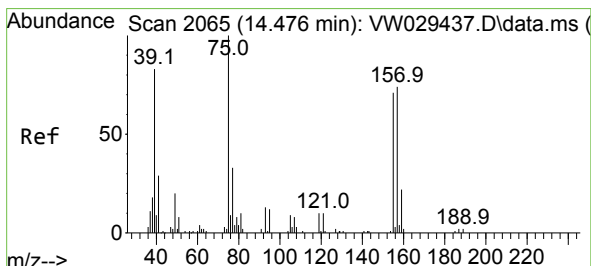
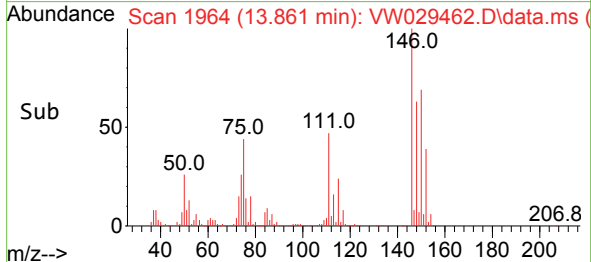
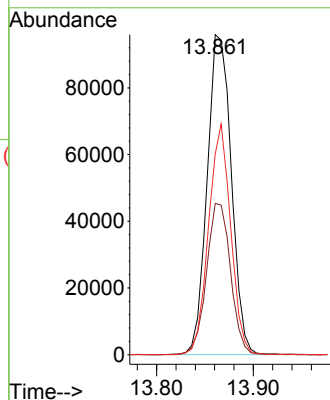
Tgt Ion:146 Resp: 166825

Ion Ratio Lower Upper

146 100

111 47.2 34.2 51.4

148 62.8 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 26.927 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

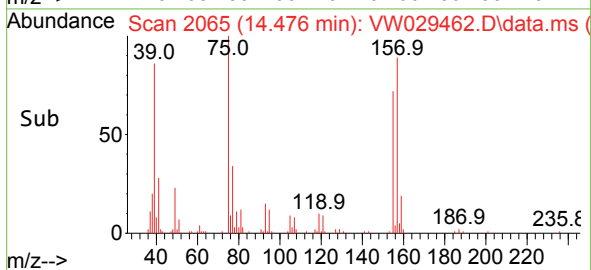
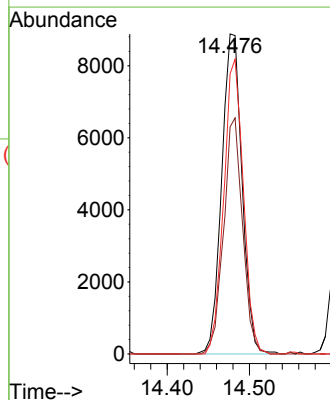
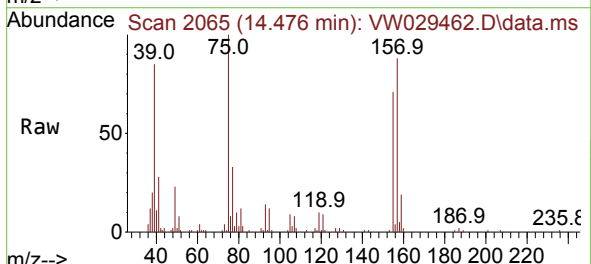
Tgt Ion: 75 Resp: 15243

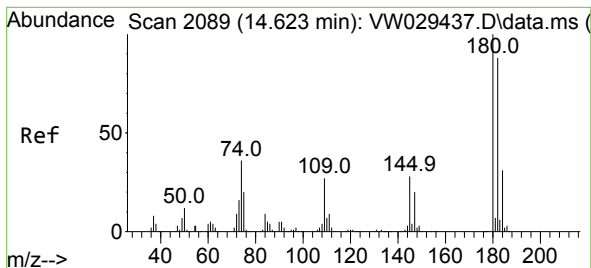
Ion Ratio Lower Upper

75 100

155 71.0 51.0 76.6

157 87.6 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 29.846 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

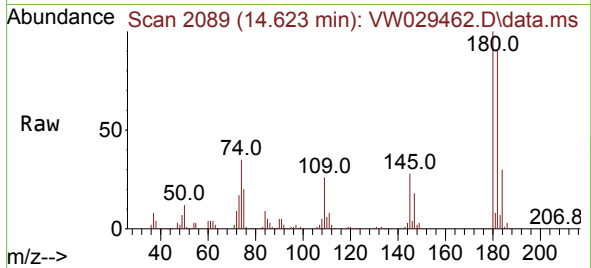
Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 129178

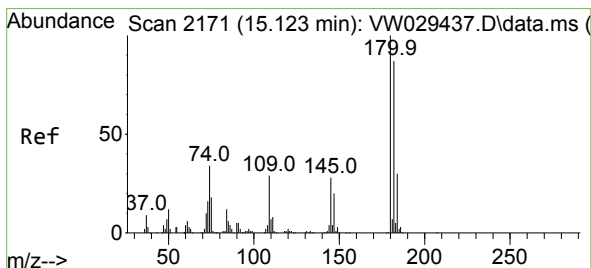
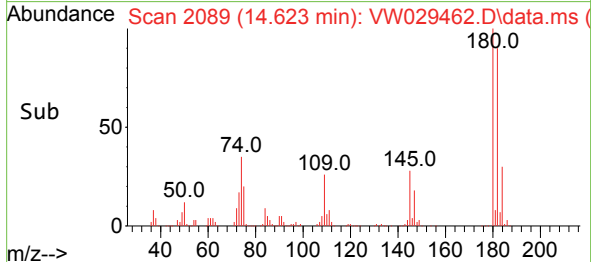
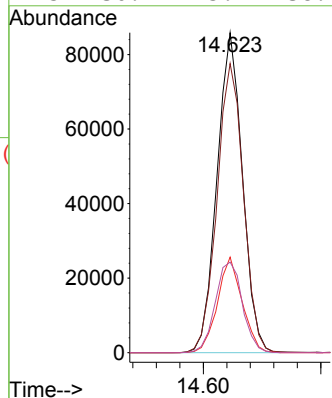
Ion Ratio Lower Upper

180 100

182 93.7 72.9 109.3

184 29.0 23.8 35.6

145 30.1 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 29.852 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

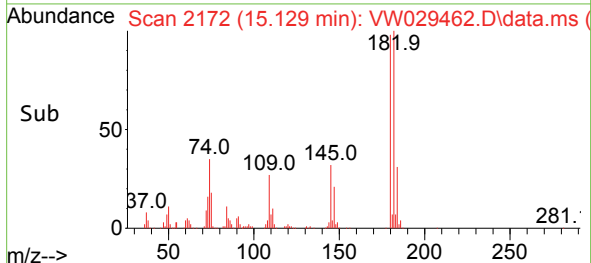
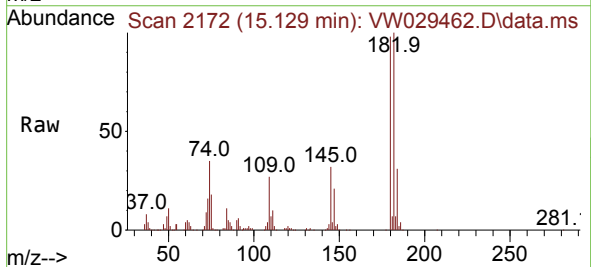
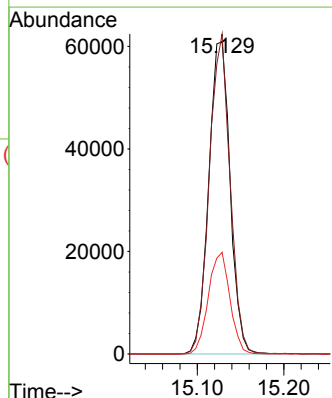
Tgt Ion:180 Resp: 104737

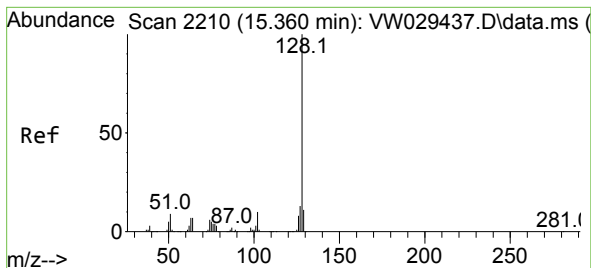
Ion Ratio Lower Upper

180 100

182 99.1 77.7 116.5

145 32.7 25.7 38.5





#71

Naphthalene

Concen: 31.392 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

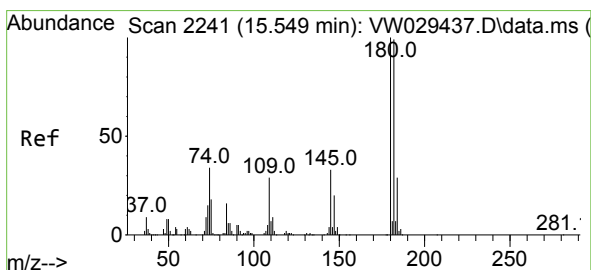
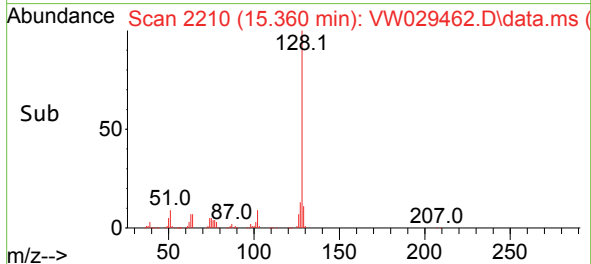
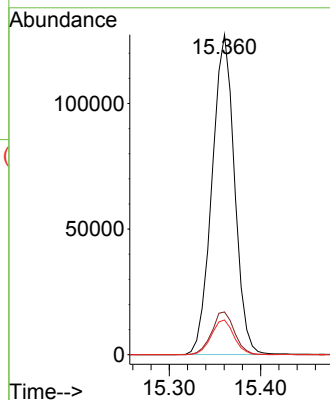
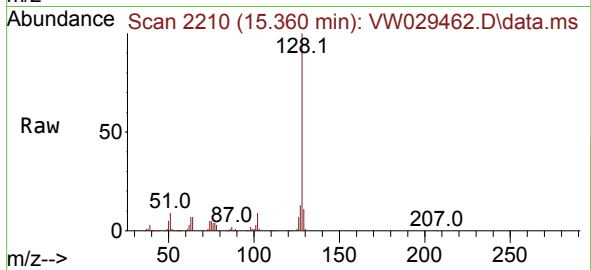
Tgt Ion:128 Resp: 217381

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 30.525 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029462.D

Acq: 05 Jul 2024 09:51

Tgt Ion:180 Resp: 97582

Ion Ratio Lower Upper

180 100

182 95.9 73.0 109.6

145 33.8 28.1 42.1

