

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
 Data File : VW029538.D
 Acq On : 11 Jul 2024 18:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.22g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 04:36:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 04:31:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	277981	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	266510	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127775	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	101927	22.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.800%
7) Chloroethane-d5	2.899	69	77247	23.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.560%
11) 1,1-Dichloroethene-d2	4.021	65	48918	24.259	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.040%
21) 2-Butanone-d5	7.075	46	60248	44.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.380%
24) Chloroform-d	7.648	84	213793	26.604	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	8.307	65	120859	25.640	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.560%
32) Benzene-d6	8.276	84	416271	26.073	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.280%
36) 1,2-Dichloropropane-d6	9.276	67	134074	26.265	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.040%
41) Toluene-d8	10.319	98	377046	26.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	10.575	79	52858	24.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.922	63	44118	47.562	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97929	23.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	121339	27.268	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53225	19.553	ug/L	# 84
3) Chloromethane	2.223	50	80973	22.233	ug/L	98
5) Vinyl chloride	2.375	62	97676	23.501	ug/L	100
6) Bromomethane	2.790	94	59654	24.241	ug/L	91
8) Chloroethane	2.936	64	64130	25.076	ug/L	96
9) Trichlorofluoromethane	3.265	101	97156	25.969	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92501	25.123	ug/L	99
12) 1,1-Dichloroethene	4.045	96	87525	25.318	ug/L	99
13) Acetone	4.119	43	43138	31.706	ug/L	99
14) Carbon disulfide	4.393	76	271247	24.161	ug/L	99
15) Methyl Acetate	4.673	43	53324	22.323	ug/L	100
16) Methylene chloride	4.917	84	125305	25.178	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	99420	25.979	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	171033	26.267	ug/L	99
19) 1,1-Dichloroethane	6.216	63	209818	26.697	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	111234	26.581	ug/L	99
22) 2-Butanone	7.167	43	69702	39.023	ug/L	99
23) Bromochloromethane	7.514	128	47741	25.363	ug/L	97
25) Chloroform	7.679	83	202652	26.650	ug/L	97

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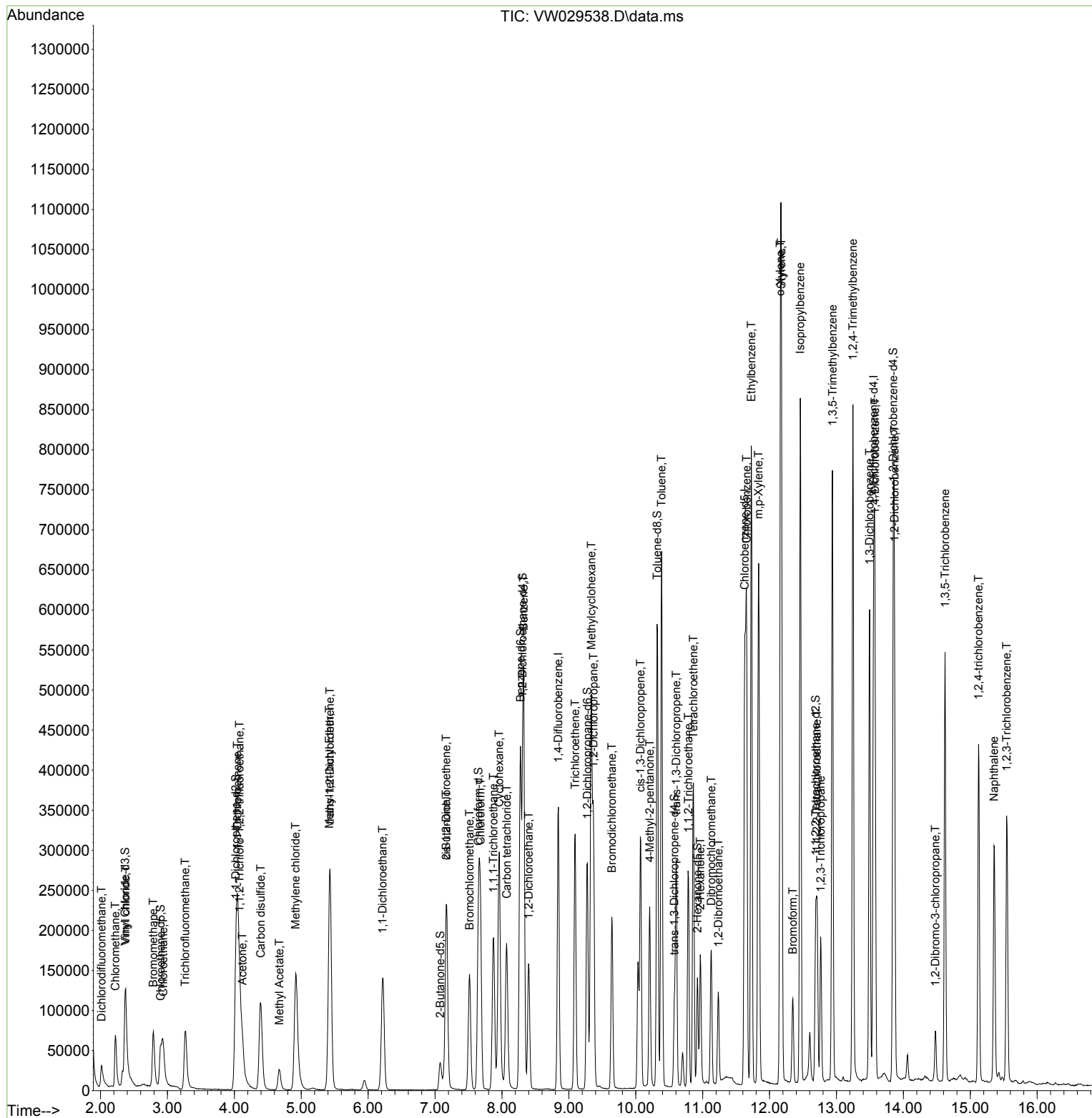
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145442	25.500	ug/L	98
29) Cyclohexane	7.959	56	174093	26.234	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	156783	25.762	ug/L	98
31) Carbon tetrachloride	8.069	117	140119	25.140	ug/L	98
33) Benzene	8.325	78	444700	26.669	ug/L	100
34) Trichloroethene	9.093	95	114007	25.891	ug/L	95
35) Methylcyclohexane	9.337	83	190882	26.969	ug/L	98
37) 1,2-Dichloropropane	9.368	63	123268	26.733	ug/L	100
38) Bromodichloromethane	9.642	83	144766	25.704	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	181970	26.275	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	154732	47.614	ug/L	100
42) Toluene	10.386	91	462472	27.111	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	149395	25.168	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	81933	24.707	ug/L	99
46) Tetrachloroethene	10.861	164	81392	26.017	ug/L	92
48) 2-Hexanone	10.965	43	105822	43.345	ug/L	98
49) Dibromochloromethane	11.130	129	86354	25.022	ug/L	94
50) 1,2-Dibromoethane	11.233	107	76538	24.219	ug/L	97
51) Chlorobenzene	11.654	112	291396	26.424	ug/L	100
52) Ethylbenzene	11.727	91	535330	27.699	ug/L	98
53) m,p-Xylene	11.837	106	197770	27.875	ug/L	94
54) o-Xylene	12.160	106	192216	29.291	ug/L	96
55) Styrene	12.178	104	323568	28.041	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	97311	23.263	ug/L	97
59) Bromoform	12.349	173	48518	24.599	ug/L	95
60) Isopropylbenzene	12.459	105	516211	28.713	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	73475	23.760	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	398370	31.151	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	429147	30.405	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	219090	27.187	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	221334	26.810	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	199027	27.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	16008	21.654	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	145989	27.770	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	123990	26.804	ug/L	97
71) Naphthalene	15.354	128	244793	25.213	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	108173	25.739	ug/L	99

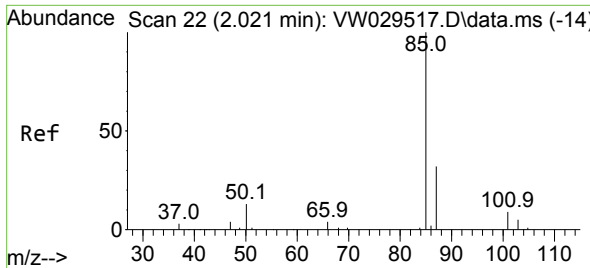
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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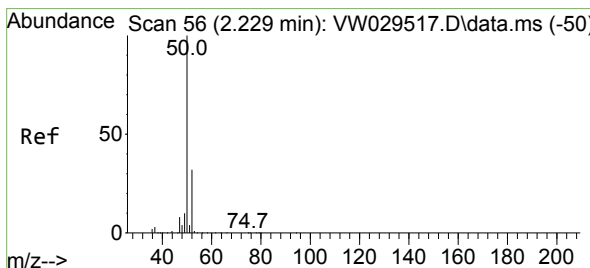
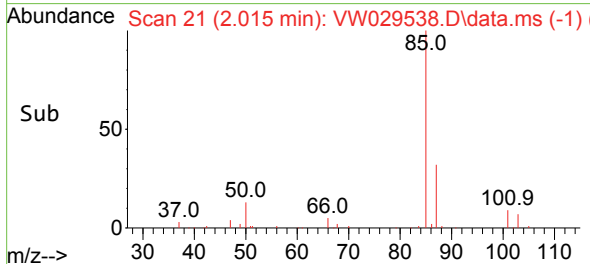
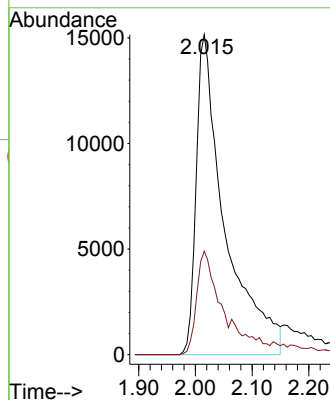
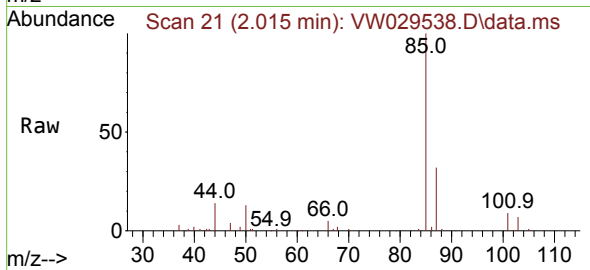




#2
 Dichlorodifluoromethane
 Concen: 19.553 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW029538.D
 Acq: 11 Jul 2024 18:46

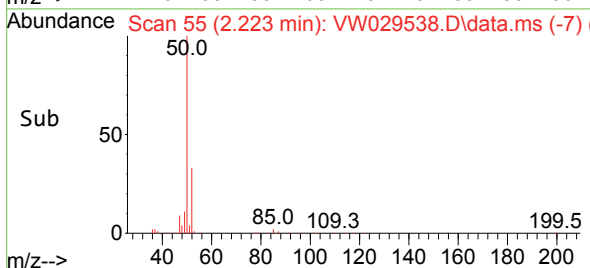
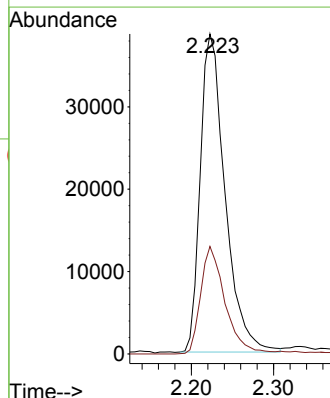
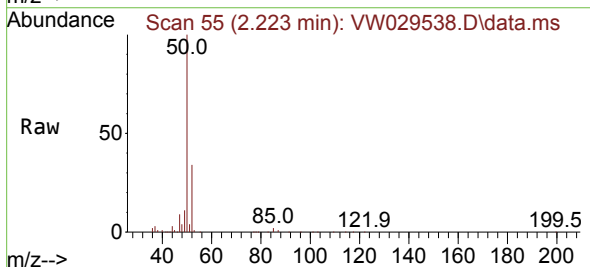
Instrument :
 MSVOA_W
 ClientSampleId :

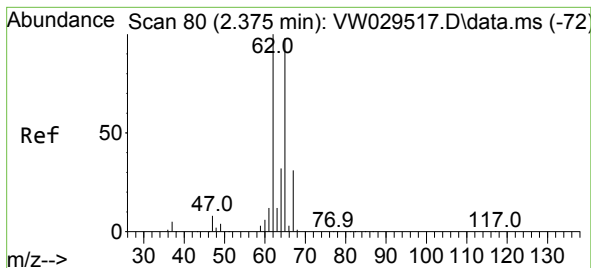
Tgt Ion: 85 Resp: 53225
 Ion Ratio Lower Upper
 85 100
 87 23.4 26.1 39.1#



#3
 Chloromethane
 Concen: 22.233 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW029538.D
 Acq: 11 Jul 2024 18:46

Tgt Ion: 50 Resp: 80973
 Ion Ratio Lower Upper
 50 100
 52 33.6 24.4 45.2





#5

Vinyl chloride

Concen: 23.501 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

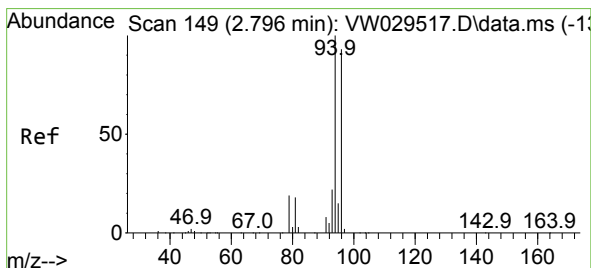
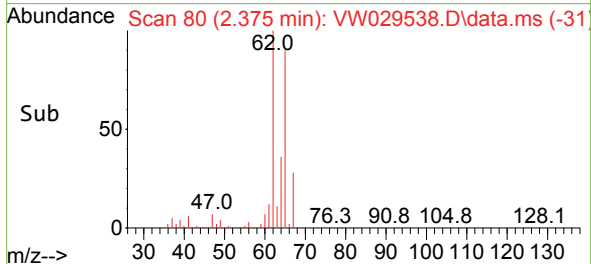
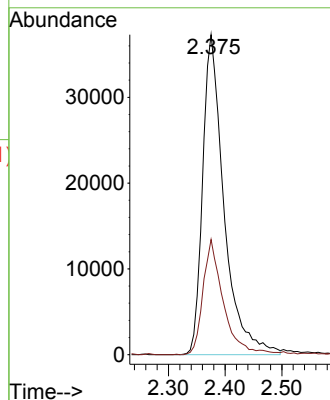
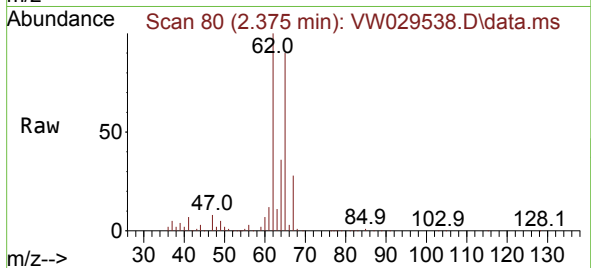
ClientSampleId :

Tgt Ion: 62 Resp: 97676

Ion Ratio Lower Upper

62 100

64 36.0 25.1 46.5



#6

Bromomethane

Concen: 24.241 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW029538.D

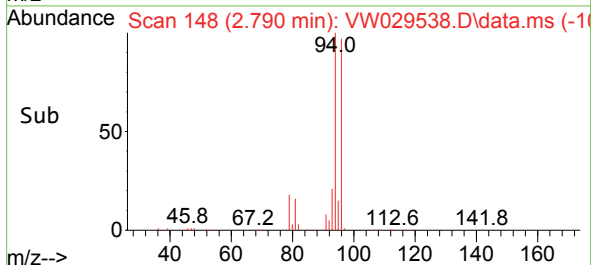
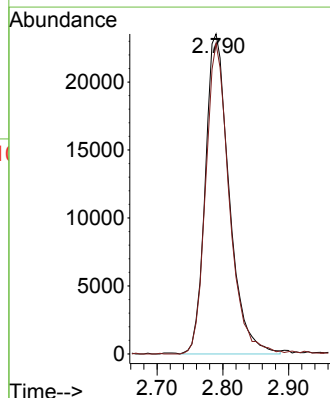
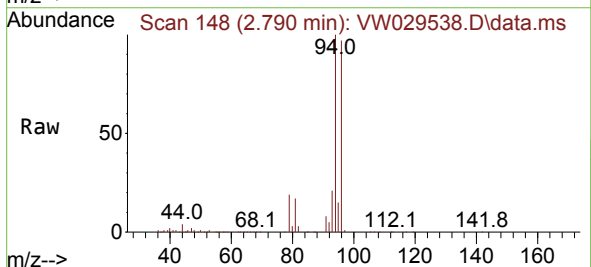
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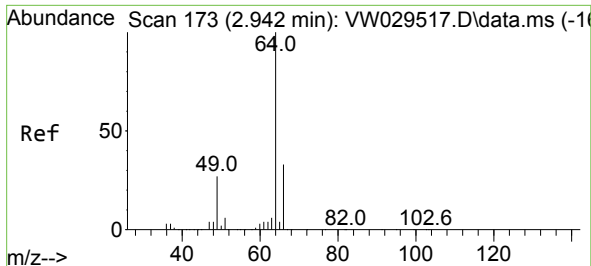
Tgt Ion: 94 Resp: 59654

Ion Ratio Lower Upper

94 100

96 96.9 61.7 114.7





#8

Chloroethane

Concen: 25.076 ug/L

RT: 2.936 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

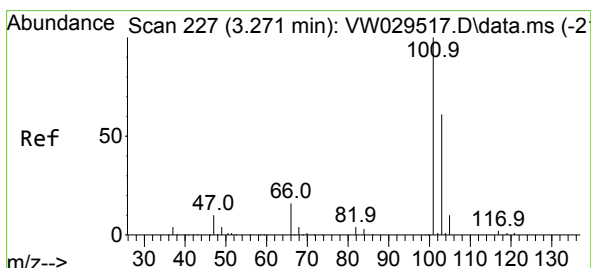
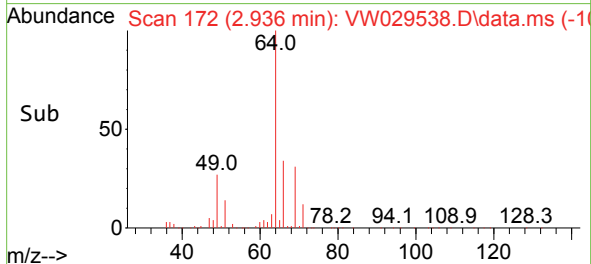
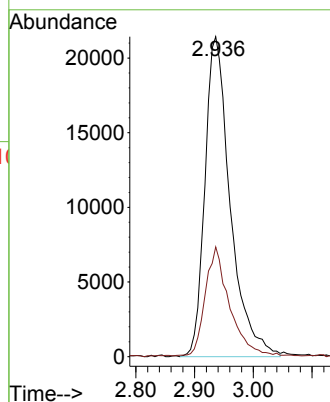
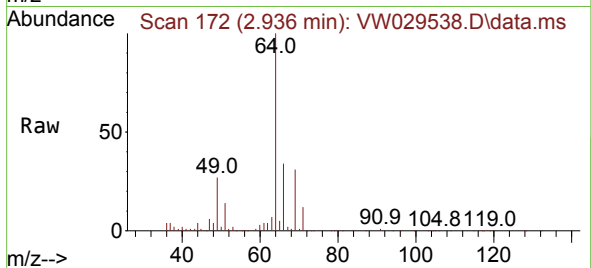
ClientSampleId :

Tgt Ion: 64 Resp: 64130

Ion Ratio Lower Upper

64 100

66 34.3 22.3 41.3



#9

Trichlorofluoromethane

Concen: 25.969 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.006 min

Lab File: VW029538.D

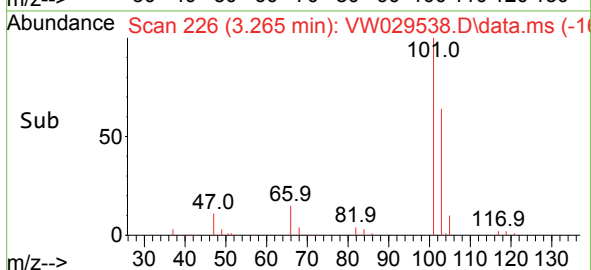
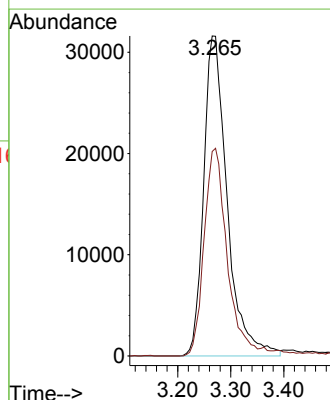
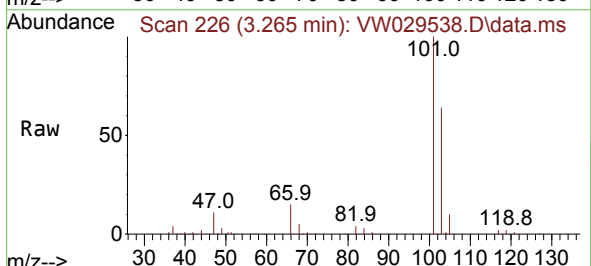
Acq: 11 Jul 2024 18:46

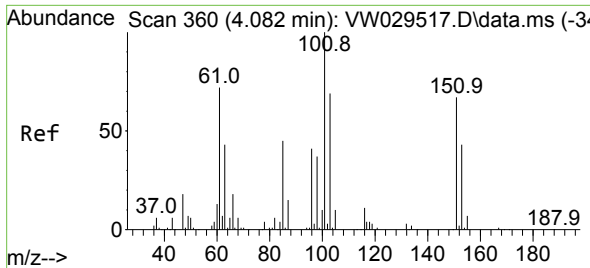
Tgt Ion:101 Resp: 97156

Ion Ratio Lower Upper

101 100

103 63.2 49.6 74.4

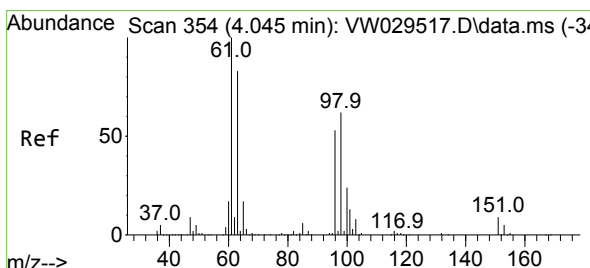
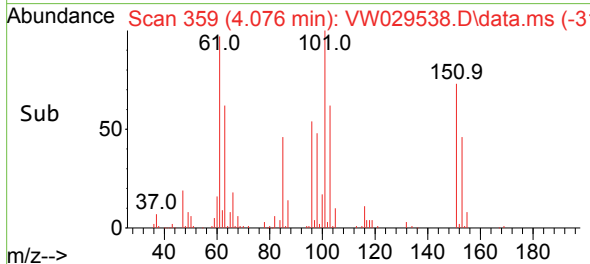
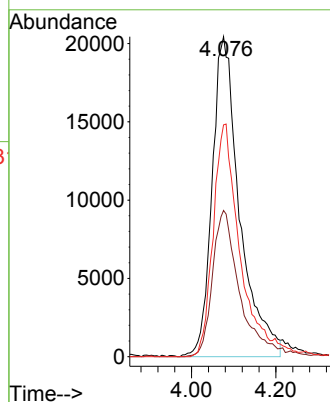
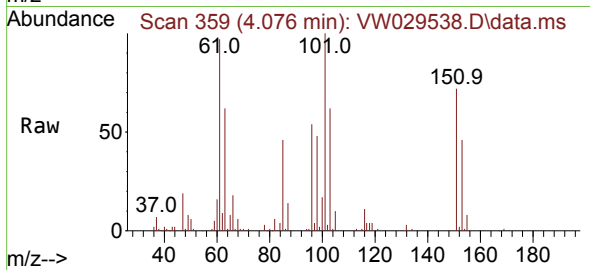




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.123 ug/L
RT: 4.076 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

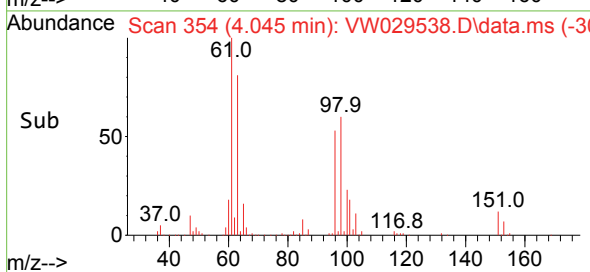
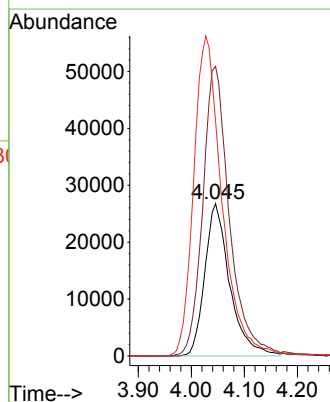
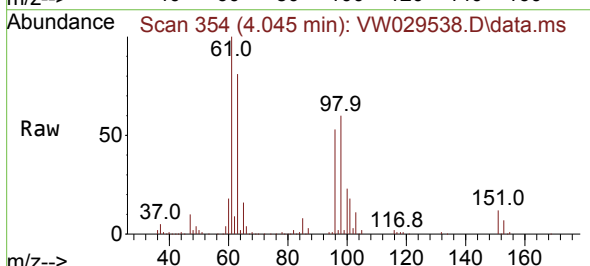
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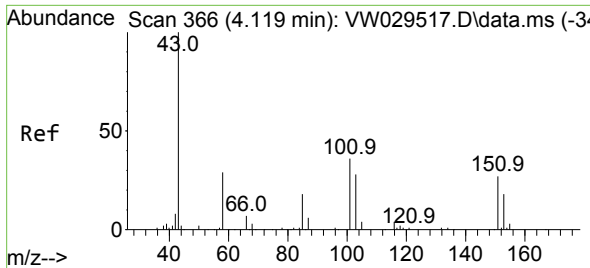
Tgt Ion:101 Resp: 92501
Ion Ratio Lower Upper
101 100
85 43.8 33.8 50.8
151 68.5 55.4 83.0



#12
1,1-Dichloroethene
Concen: 25.318 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 96 Resp: 87525
Ion Ratio Lower Upper
96 100
61 190.2 132.4 245.8
63 154.3 108.4 201.2

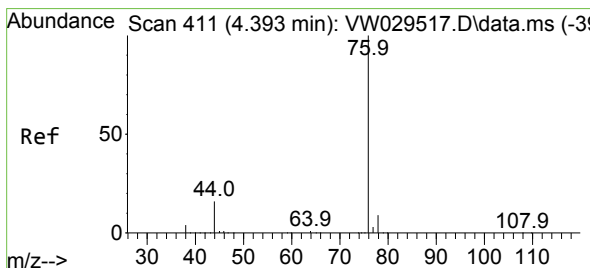
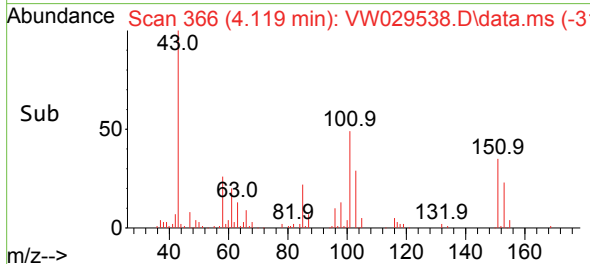
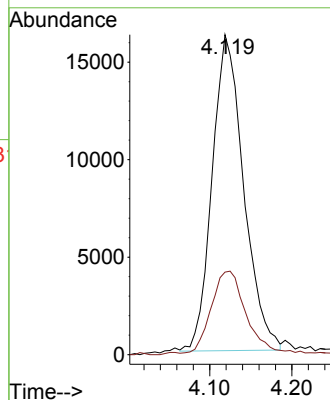
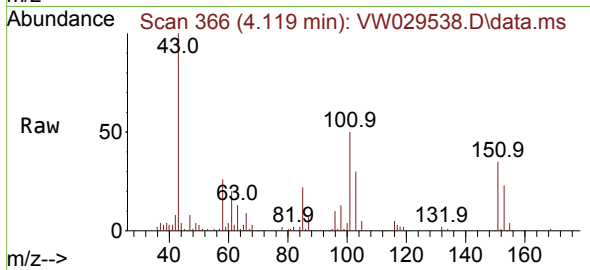




#13
Acetone
Concen: 31.706 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

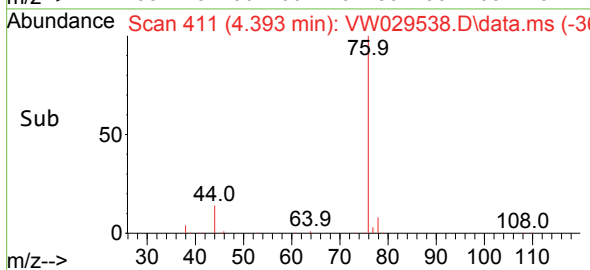
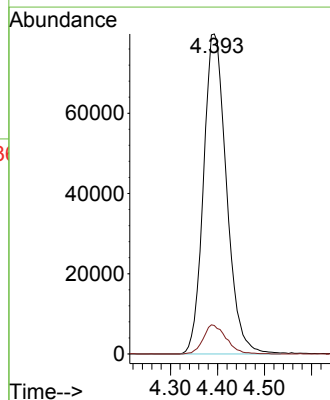
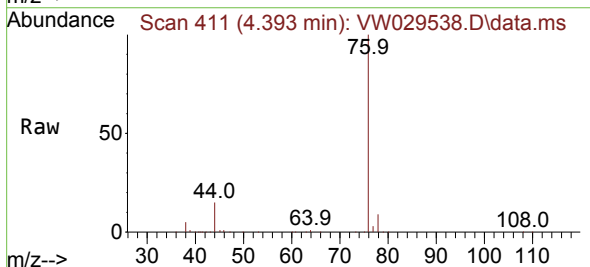
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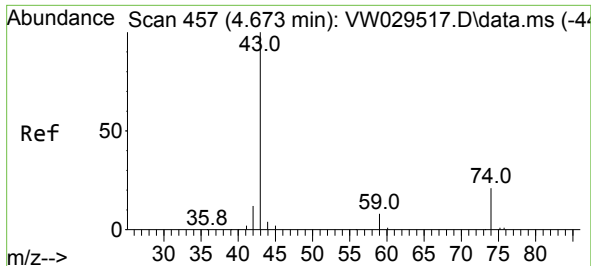
Tgt Ion: 43 Resp: 43138
Ion Ratio Lower Upper
43 100
58 28.2 0.0 55.6



#14
Carbon disulfide
Concen: 24.161 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 271247
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

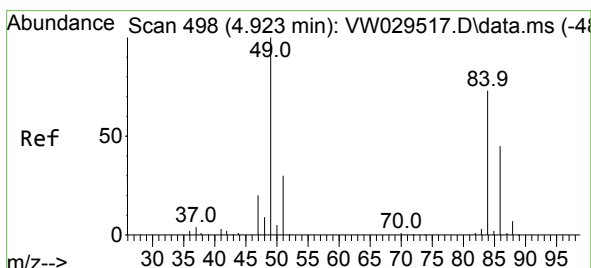
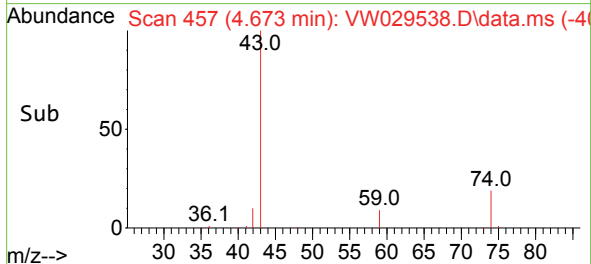
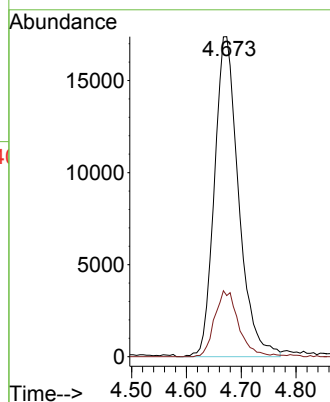
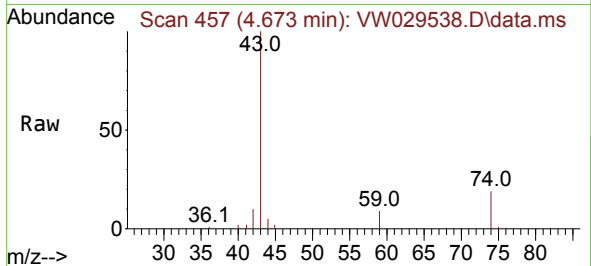




#15
Methyl Acetate
Concen: 22.323 ug/L
RT: 4.673 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

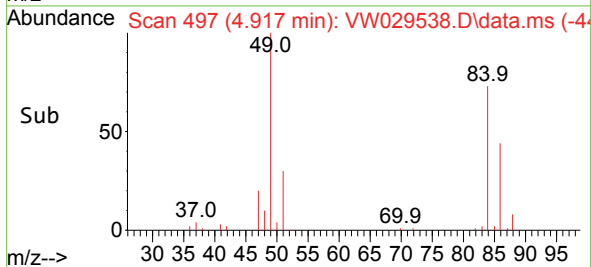
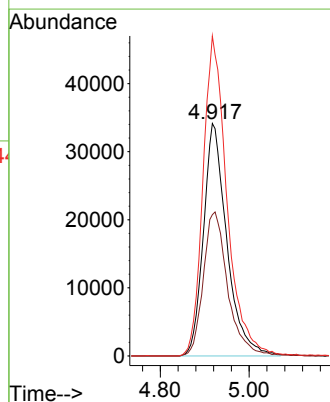
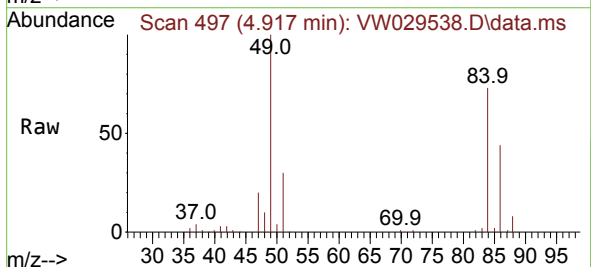
Instrument :
MSVOA_W
ClientSampleId :

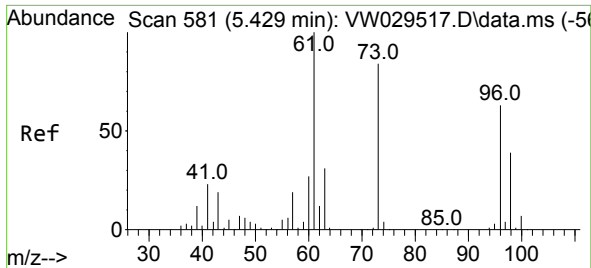
Tgt Ion: 43 Resp: 53324
Ion Ratio Lower Upper
43 100
74 20.3 16.2 24.4



#16
Methylene chloride
Concen: 25.178 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 84 Resp: 125305
Ion Ratio Lower Upper
84 100
86 60.8 46.2 85.8
49 137.7 96.7 179.7

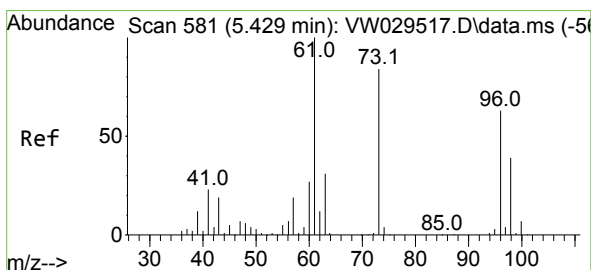
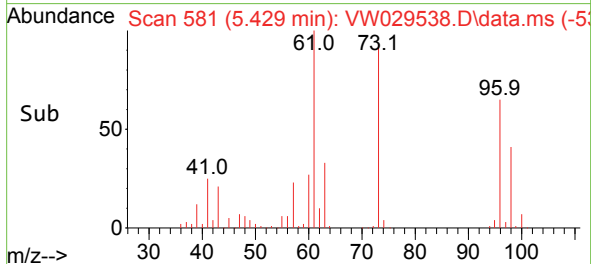
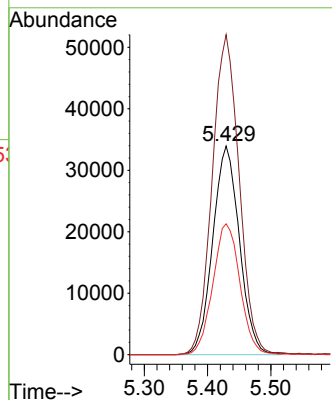
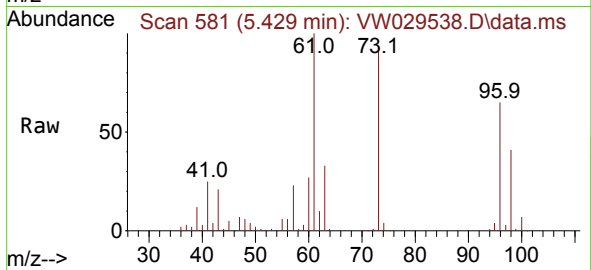




#17
trans-1,2-Dichloroethene
Concen: 25.979 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

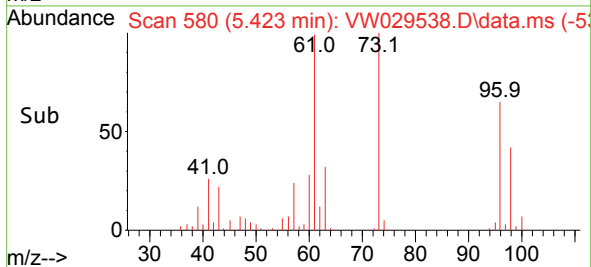
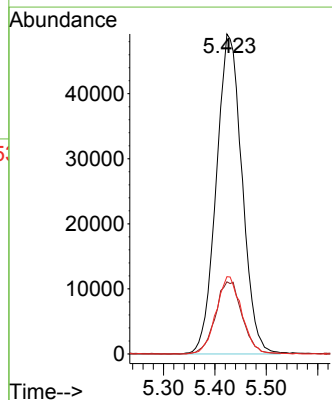
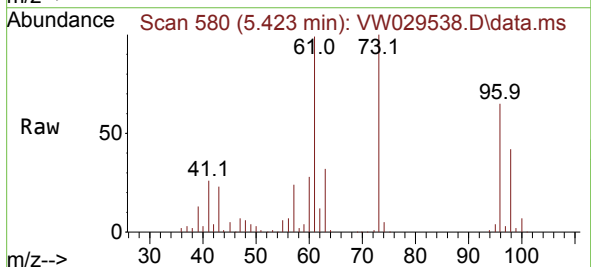
Instrument :
MSVOA_W
ClientSampleId :

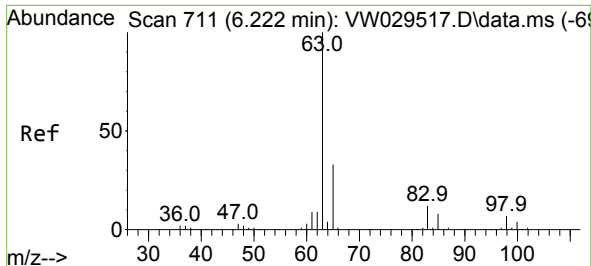
Tgt Ion: 96 Resp: 99420
Ion Ratio Lower Upper
96 100
61 153.3 102.9 191.1
98 62.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 26.267 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 73 Resp: 171033
Ion Ratio Lower Upper
73 100
43 23.5 18.7 28.1
57 24.0 18.9 28.3





#19

1,1-Dichloroethane

Concen: 26.697 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

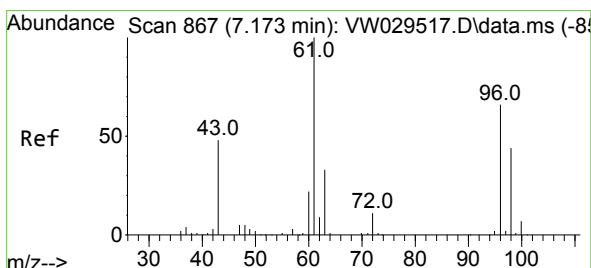
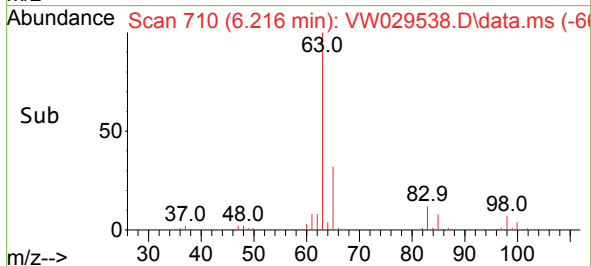
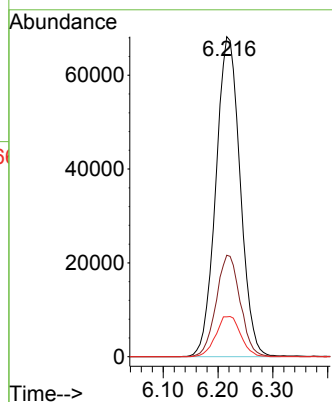
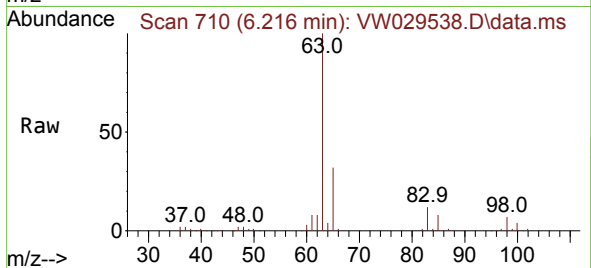
Tgt Ion: 63 Resp: 209818

Ion Ratio Lower Upper

63 100

65 31.7 21.5 39.9

83 12.5 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.581 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

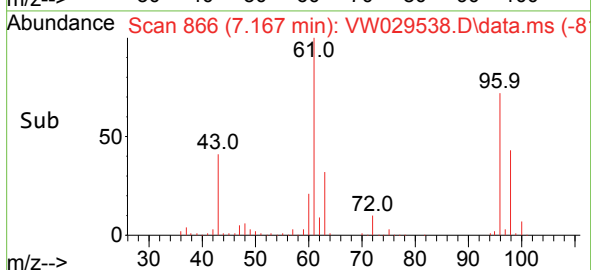
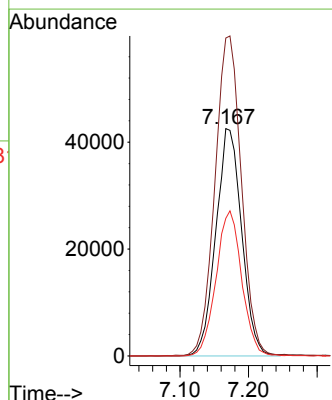
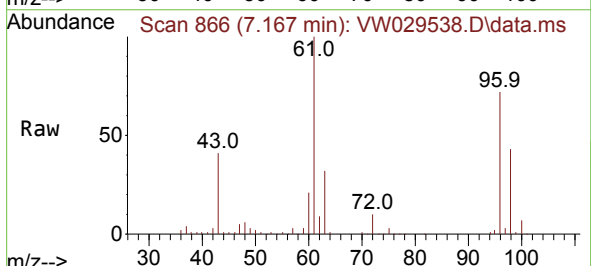
Tgt Ion: 96 Resp: 111234

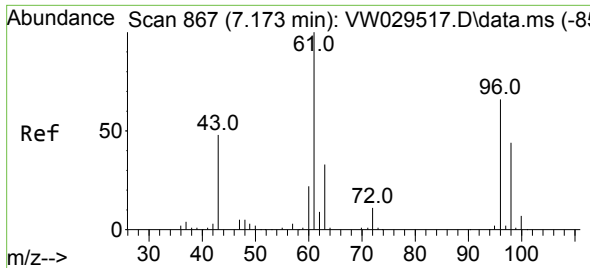
Ion Ratio Lower Upper

96 100

61 139.8 97.4 180.8

98 60.5 41.6 77.2

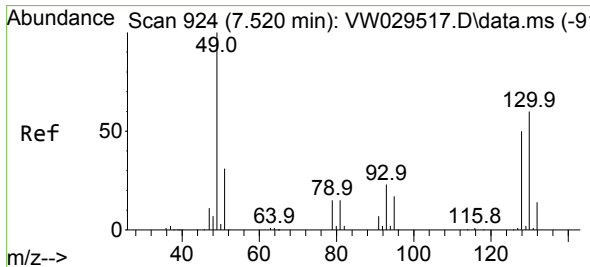
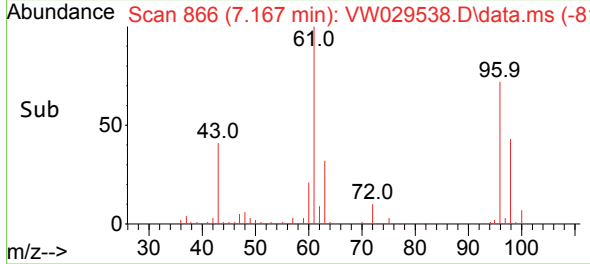
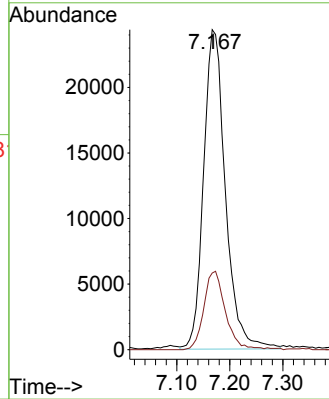
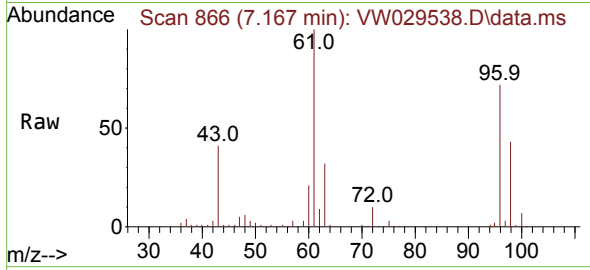




#22
2-Butanone
Concen: 39.023 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

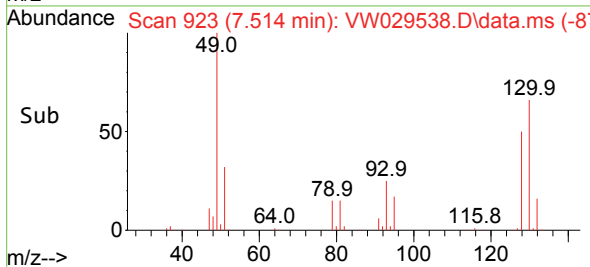
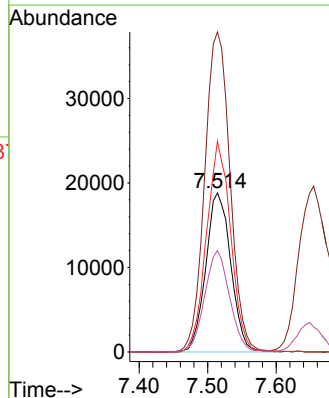
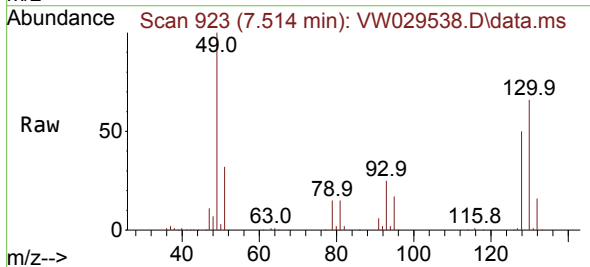
Instrument :
MSVOA_W
ClientSampleId :

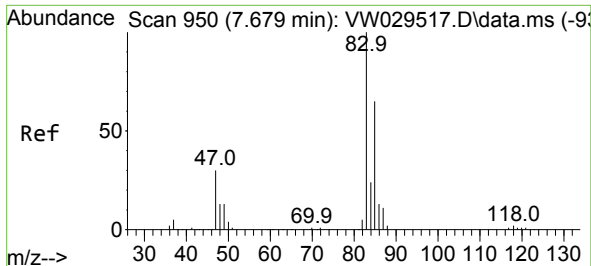
Tgt Ion: 43 Resp: 69702
Ion Ratio Lower Upper
43 100
72 23.8 12.0 36.1



#23
Bromochloromethane
Concen: 25.363 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 128 Resp: 47741
Ion Ratio Lower Upper
128 100
49 201.1 146.2 271.4
130 132.5 91.9 170.7
51 63.8 52.9 79.3

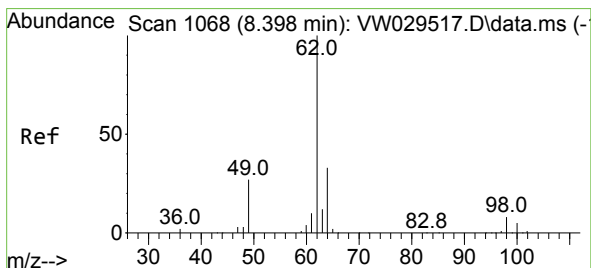
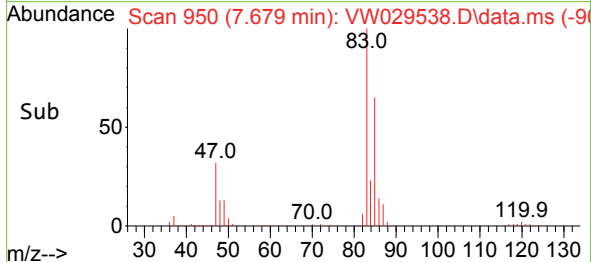
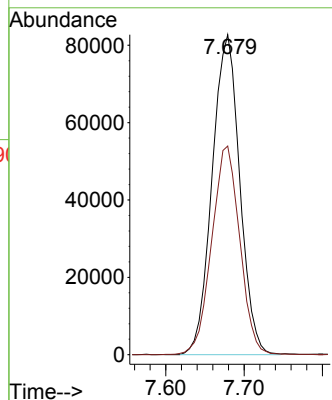
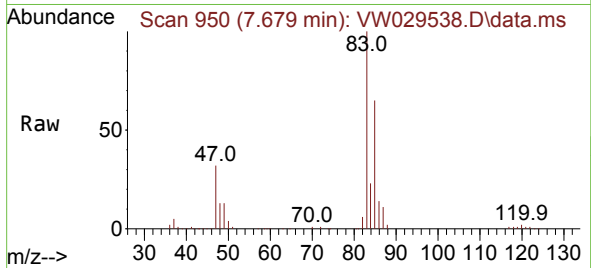




#25
Chloroform
Concen: 26.650 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

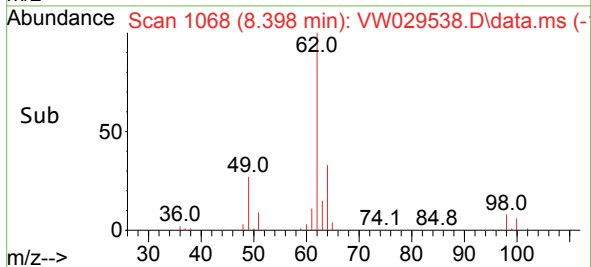
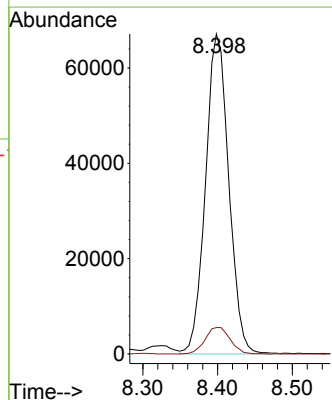
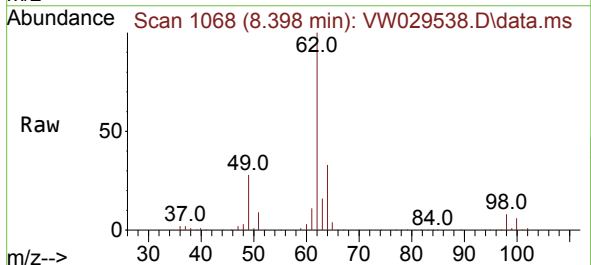
Instrument :
MSVOA_W
ClientSampleId :

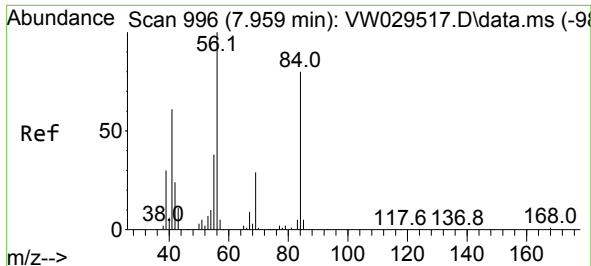
Tgt Ion: 83 Resp: 202652
Ion Ratio Lower Upper
83 100
85 65.2 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.500 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

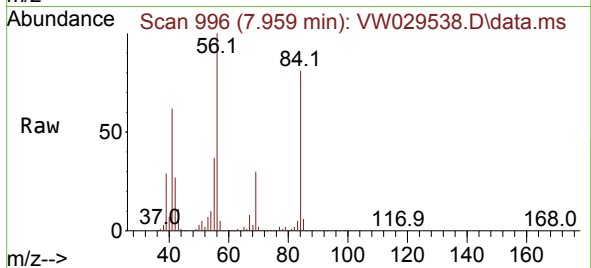
Tgt Ion: 62 Resp: 145442
Ion Ratio Lower Upper
62 100
98 8.2 6.0 9.0



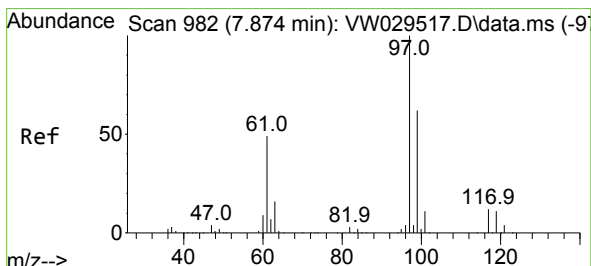
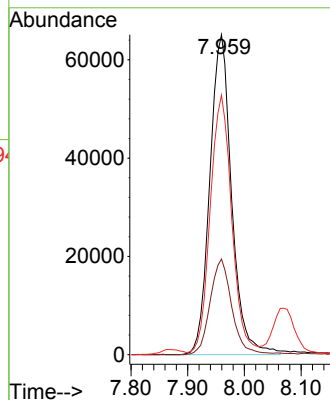
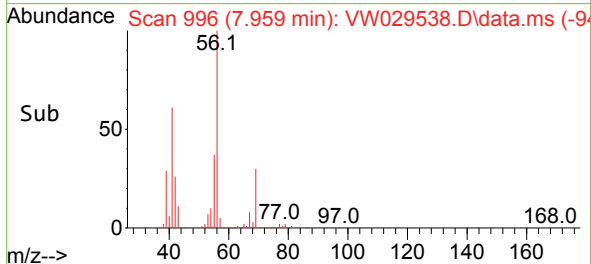


#29
Cyclohexane
Concen: 26.234 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Instrument :
MSVOA_W
ClientSampleId :

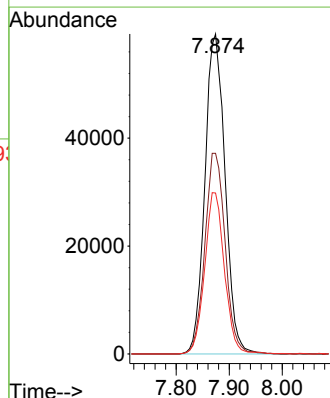
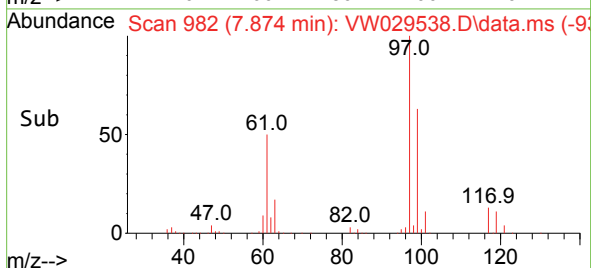
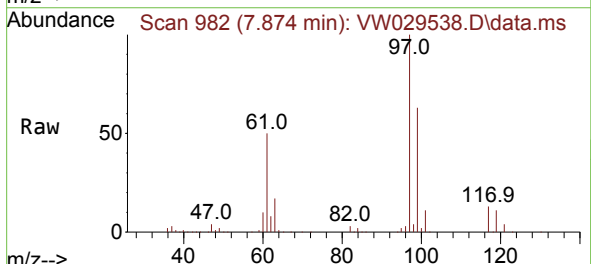


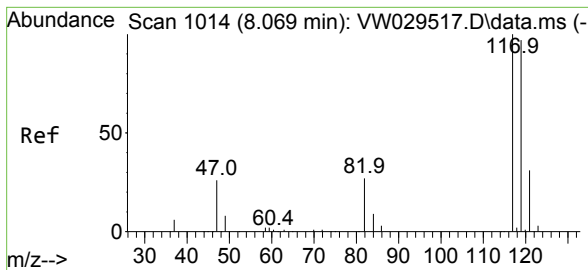
Tgt Ion: 56 Resp: 174093
Ion Ratio Lower Upper
56 100
69 29.7 23.3 34.9
84 79.6 63.1 94.7



#30
1,1,1-Trichloroethane
Concen: 25.762 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 97 Resp: 156783
Ion Ratio Lower Upper
97 100
99 62.9 51.1 76.7
61 49.2 40.6 61.0

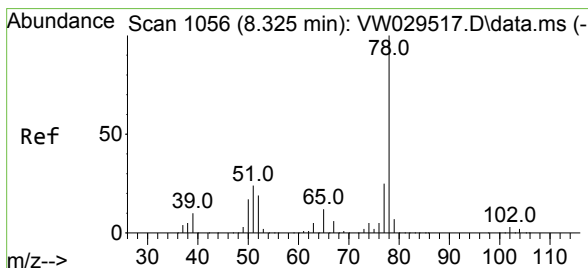
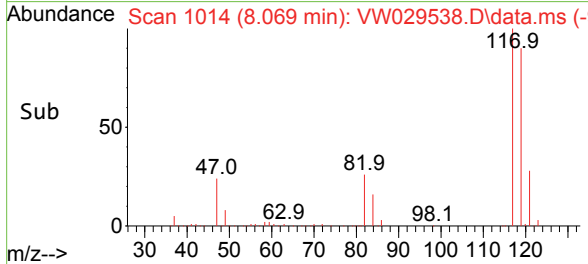
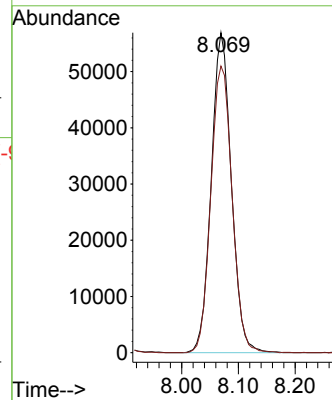
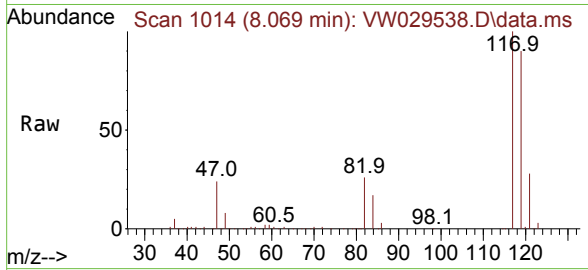




#31
Carbon tetrachloride
Concen: 25.140 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

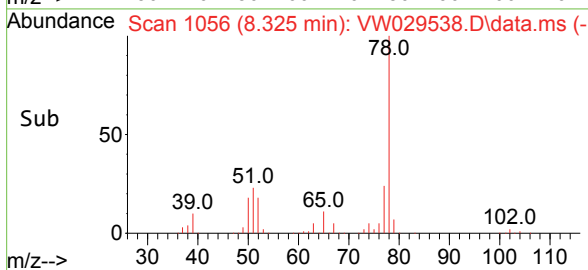
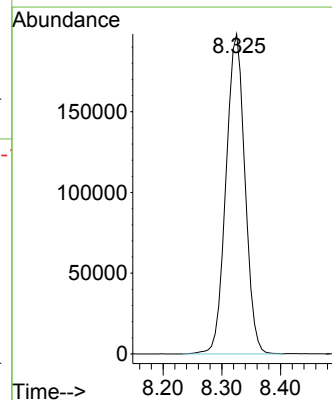
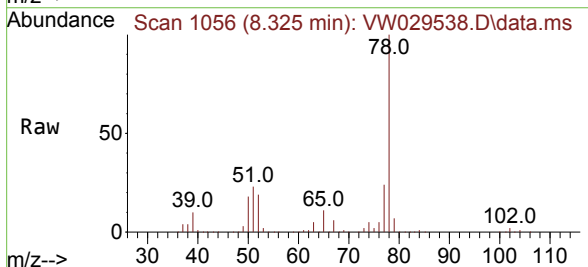
Instrument :
MSVOA_W
ClientSampleId :

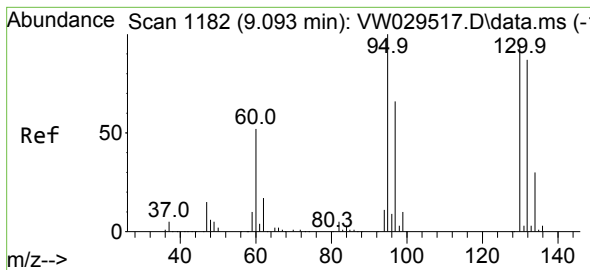
Tgt Ion:117 Resp: 140119
Ion Ratio Lower Upper
117 100
119 94.7 77.0 115.6



#33
Benzene
Concen: 26.669 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 78 Resp: 444700





#34

Trichloroethene

Concen: 25.891 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 114007

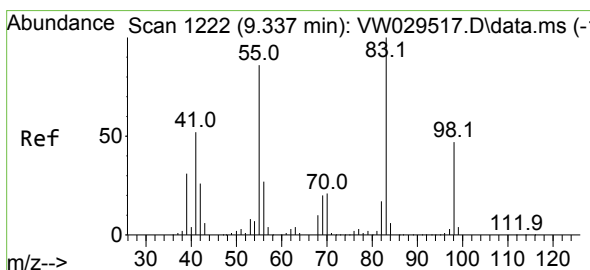
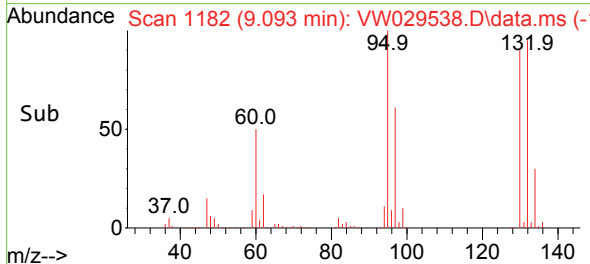
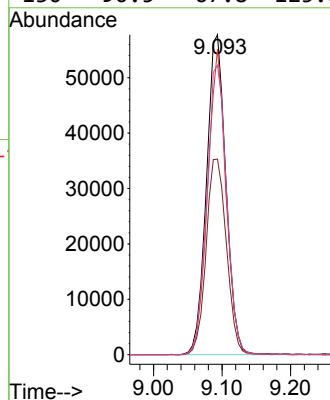
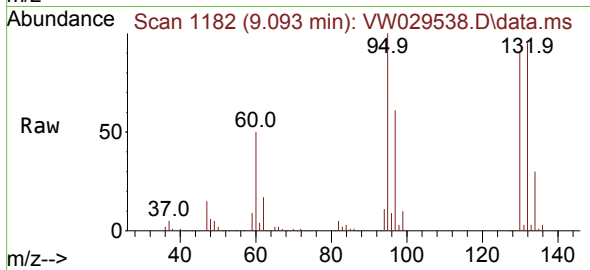
Ion Ratio Lower Upper

95 100

97 61.1 47.3 87.9

132 95.4 65.8 122.2

130 90.5 67.8 125.8



#35

Methylcyclohexane

Concen: 26.969 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

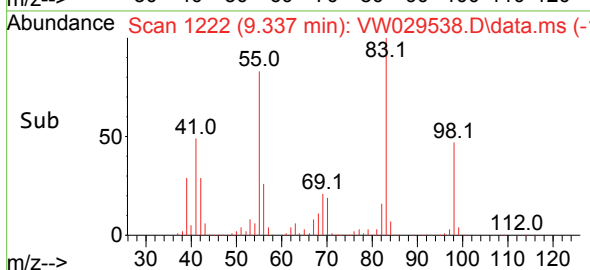
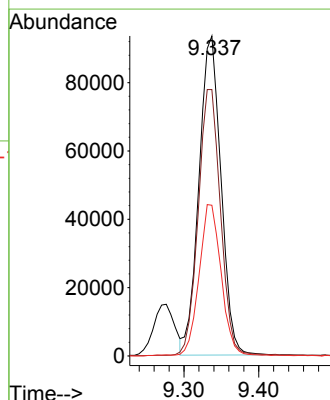
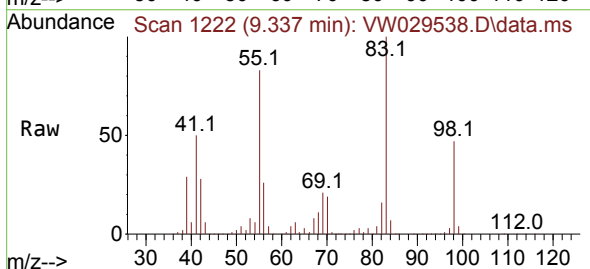
Tgt Ion: 83 Resp: 190882

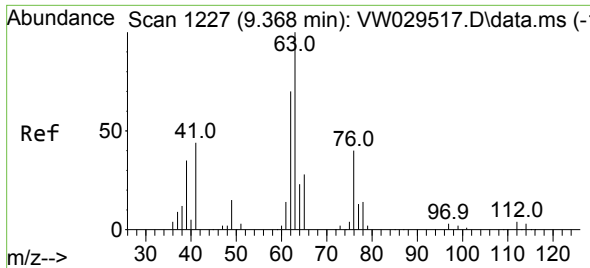
Ion Ratio Lower Upper

83 100

55 84.7 69.6 104.4

98 47.7 38.3 57.5

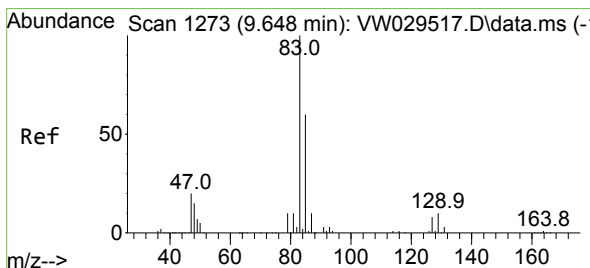
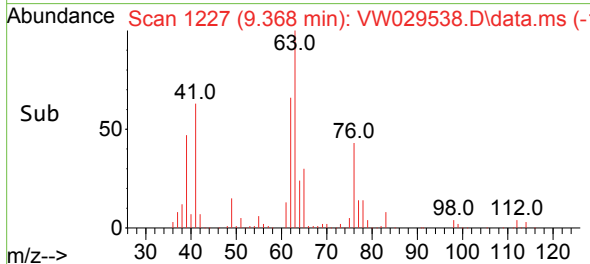
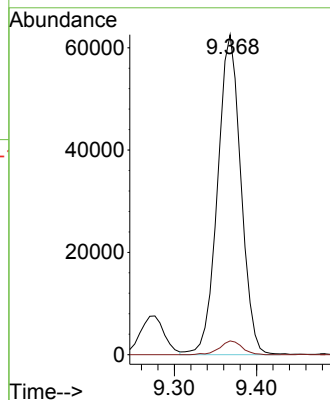
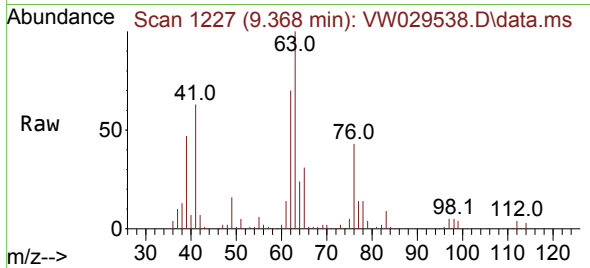




#37
1,2-Dichloropropane
Concen: 26.733 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

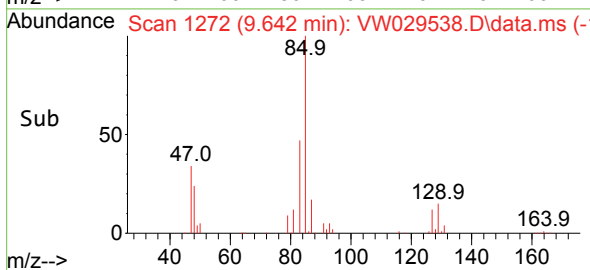
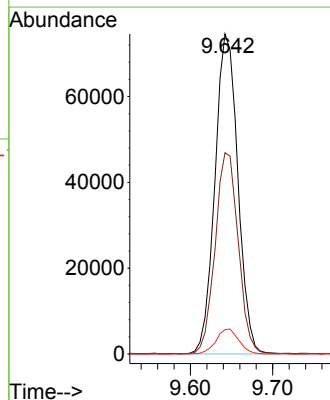
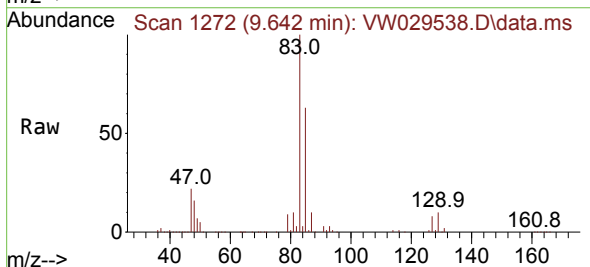
Instrument :
MSVOA_W
ClientSampleId :

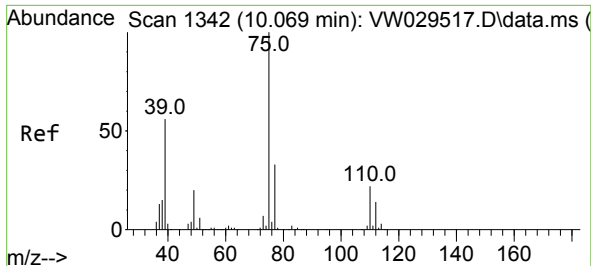
Tgt Ion: 63 Resp: 123268
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 25.704 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

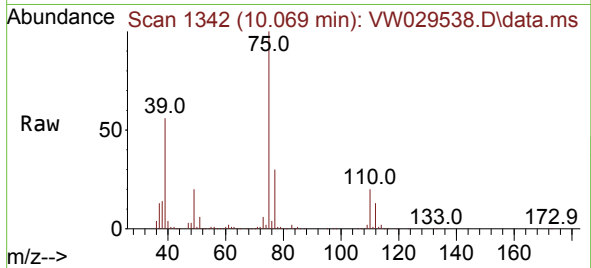
Tgt Ion: 83 Resp: 144766
Ion Ratio Lower Upper
83 100
85 62.9 46.1 85.5
127 7.6 6.1 9.1



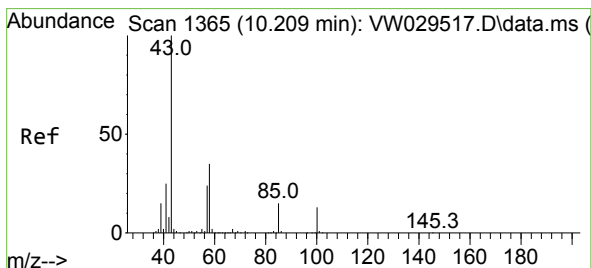
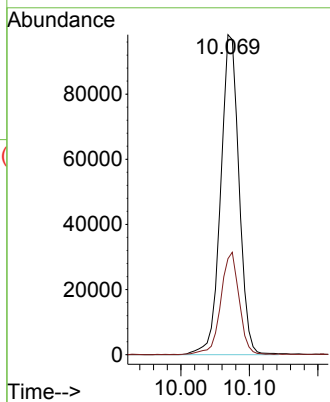
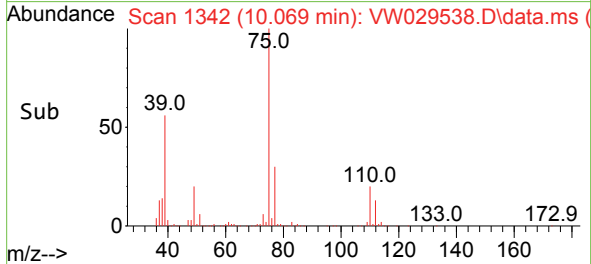


#39
cis-1,3-Dichloropropene
Concen: 26.275 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Instrument :
MSVOA_W
ClientSampleId :

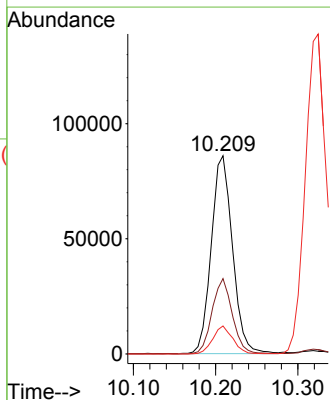
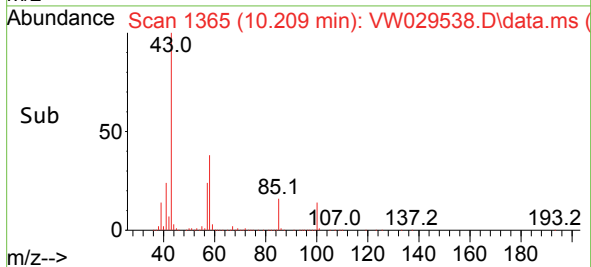
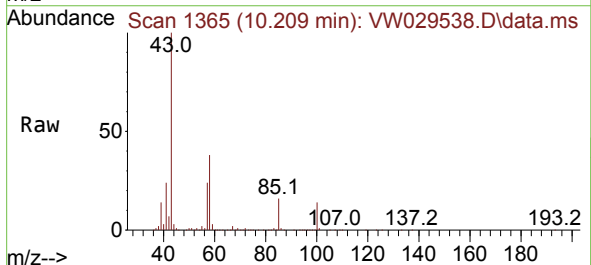


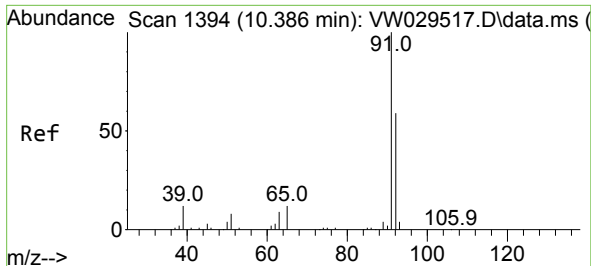
Tgt Ion: 75 Resp: 181970
Ion Ratio Lower Upper
75 100
77 30.0 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 47.614 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion: 43 Resp: 154732
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6
100 13.3 10.5 15.7

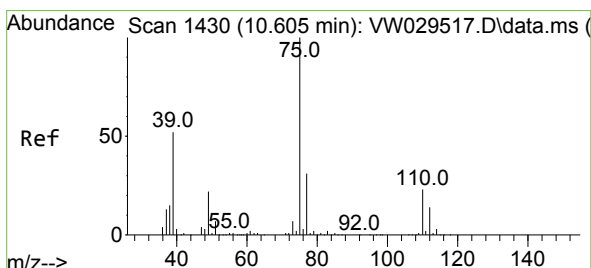
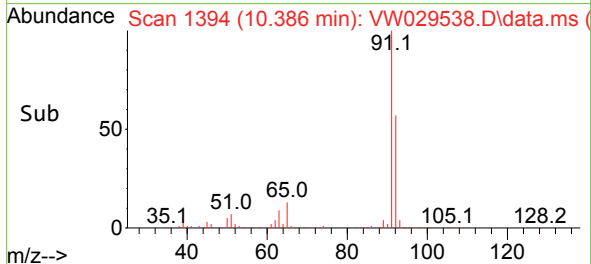
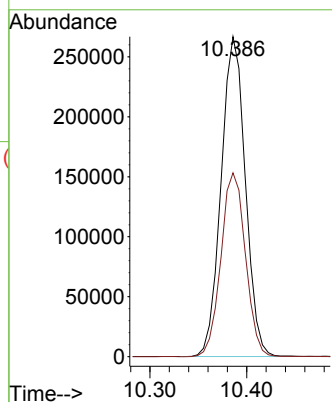
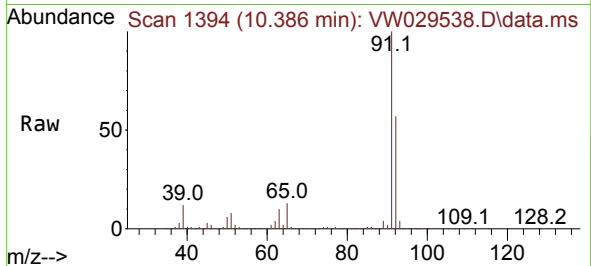




#42
Toluene
Concen: 27.111 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

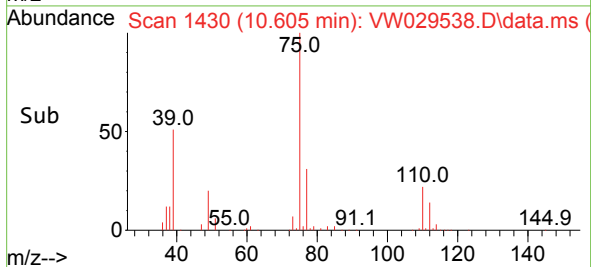
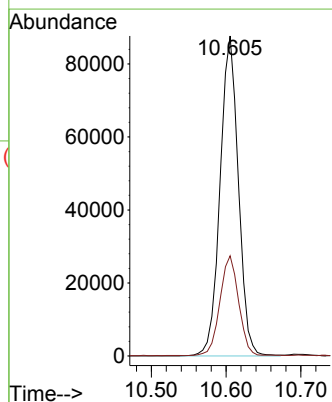
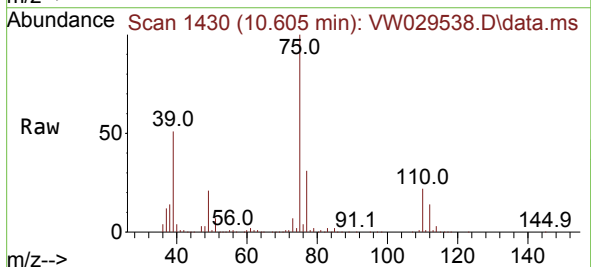
Instrument :
MSVOA_W
ClientSampleId :

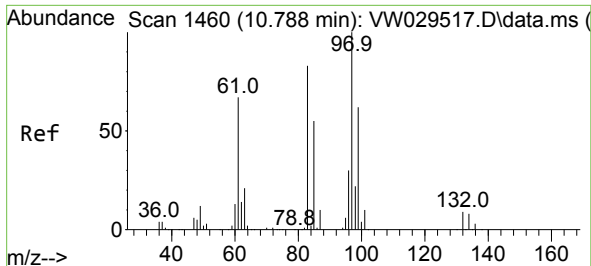
Tgt Ion: 91 Resp: 462472
Ion Ratio Lower Upper
91 100
92 57.4 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.168 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

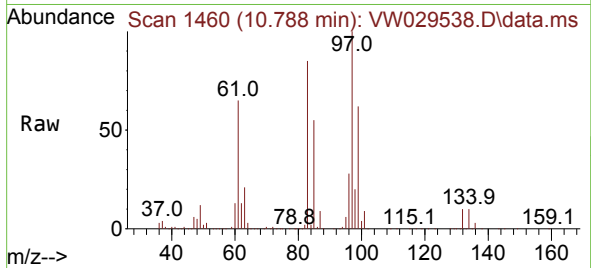
Tgt Ion: 75 Resp: 149395
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6



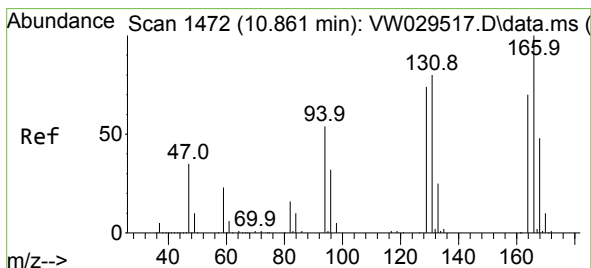
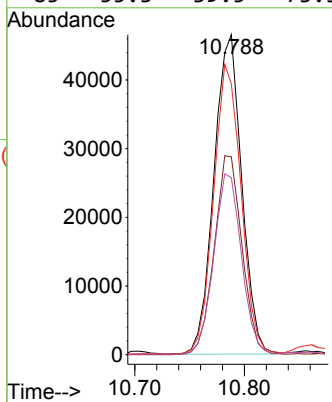
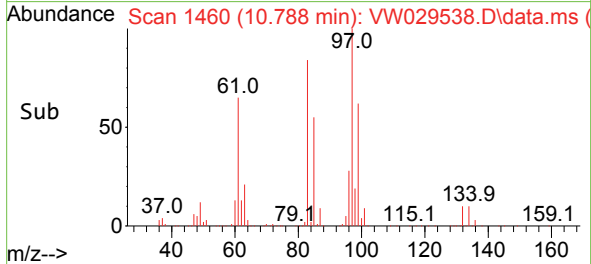


#45
1,1,2-Trichloroethane
Concen: 24.707 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

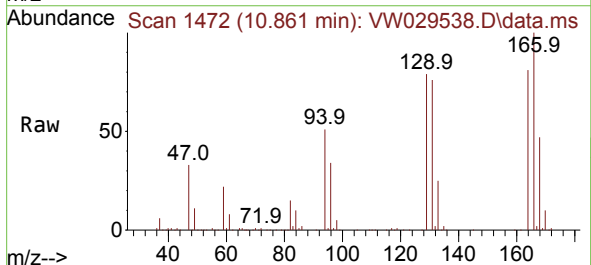
Instrument :
MSVOA_W
ClientSampleId :



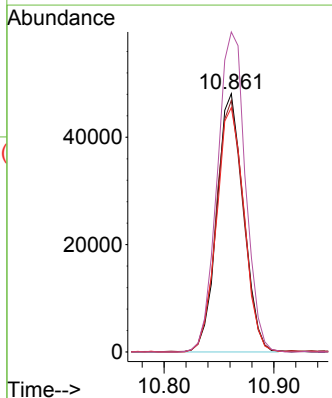
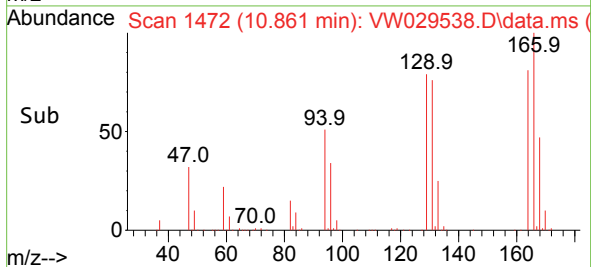
Tgt Ion:	97	Resp:	81933
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.4
83	84.6	60.3	111.9
85	55.3	39.5	73.3

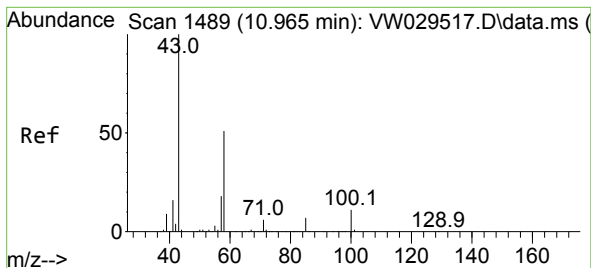


#46
Tetrachloroethene
Concen: 26.017 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46



Tgt Ion:	164	Resp:	81392
Ion	Ratio	Lower	Upper
164	100		
129	97.4	60.0	111.4
131	94.6	64.6	120.0
166	123.9	80.4	149.2





#48

2-Hexanone

Concen: 43.345 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

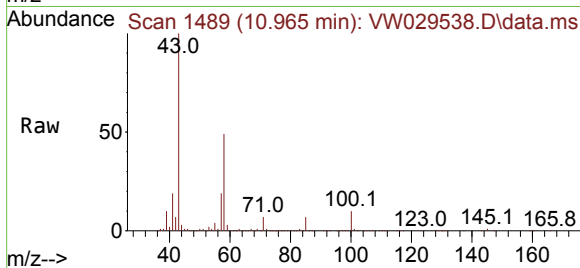
Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 105822

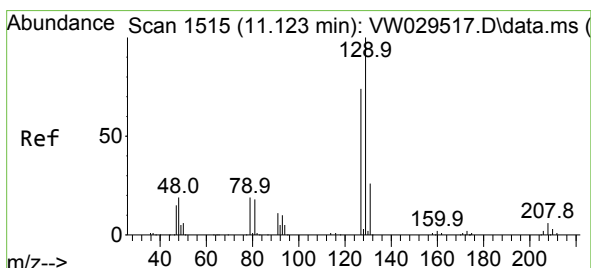
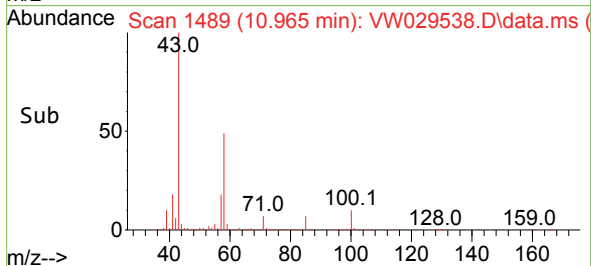
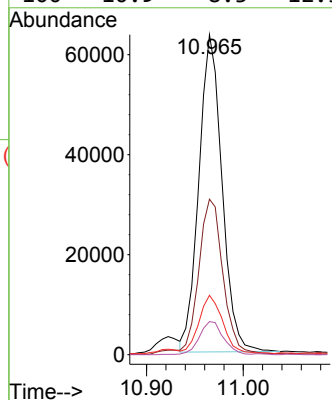
Ion Ratio Lower Upper

43 100

58 51.5 39.8 59.8

57 18.4 14.6 21.8

100 10.9 8.3 12.5



#49

Dibromochloromethane

Concen: 25.022 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029538.D

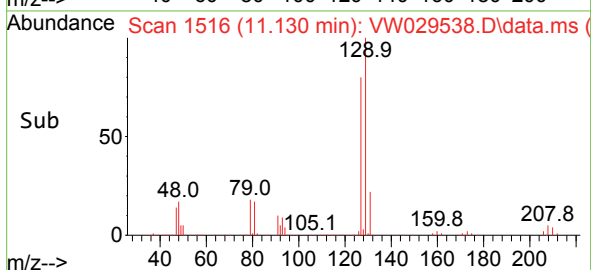
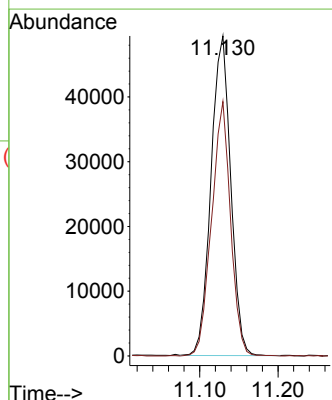
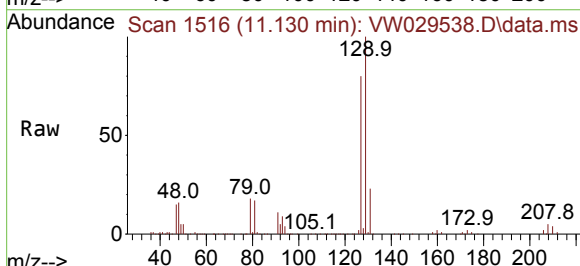
Acq: 11 Jul 2024 18:46

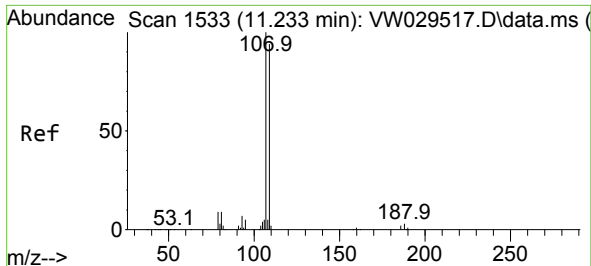
Tgt Ion:129 Resp: 86354

Ion Ratio Lower Upper

129 100

127 79.5 51.9 96.3

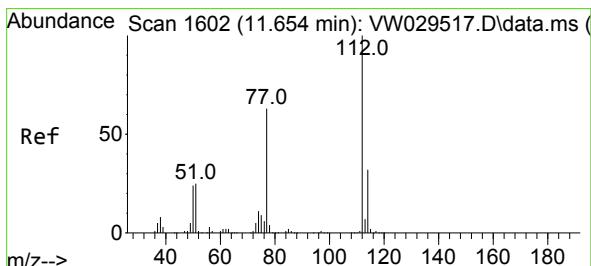
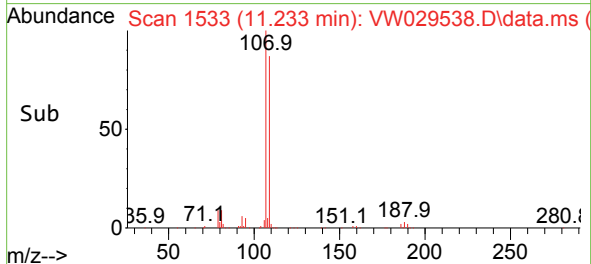
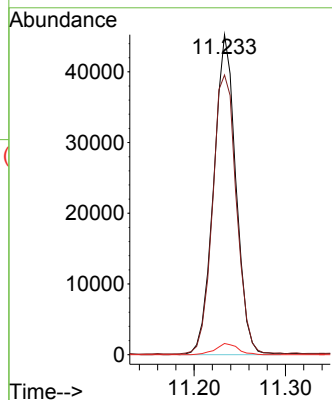
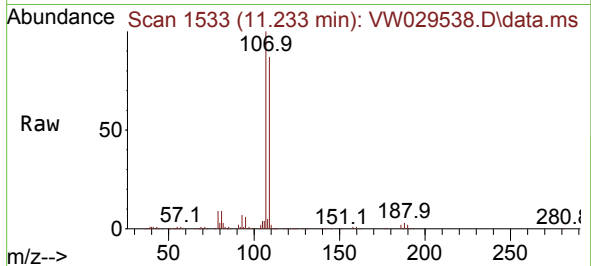




#50
1,2-Dibromoethane
Concen: 24.219 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

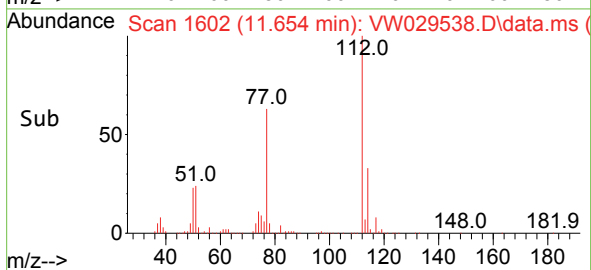
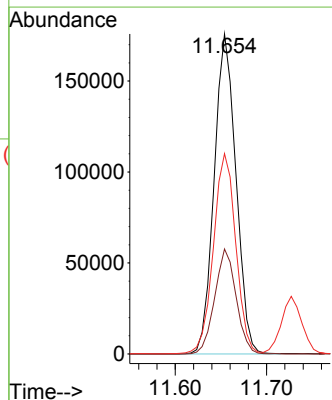
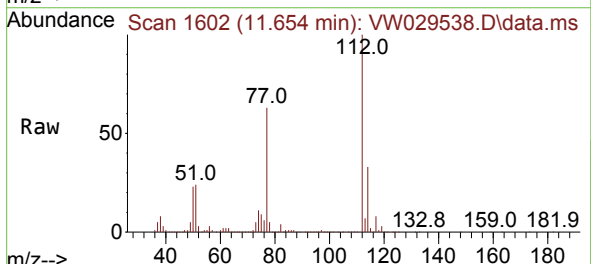
Instrument :
MSVOA_W
ClientSampleId :

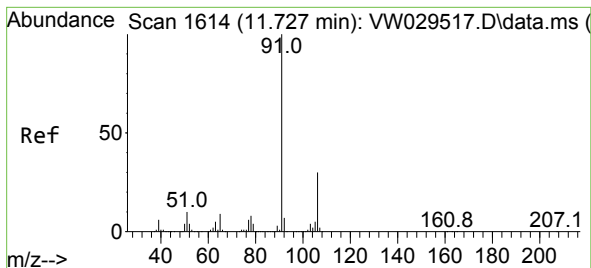
Tgt Ion:107 Resp: 76538
Ion Ratio Lower Upper
107 100
109 87.4 63.2 117.4
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 26.424 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion:112 Resp: 291396
Ion Ratio Lower Upper
112 100
114 32.8 22.6 42.0
77 62.6 49.9 74.9

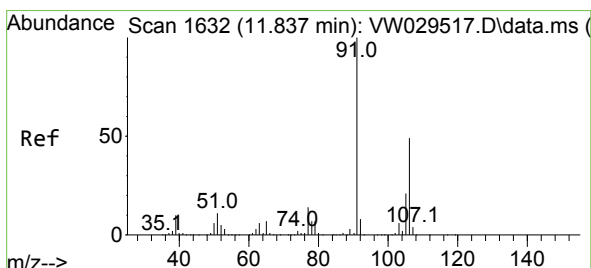
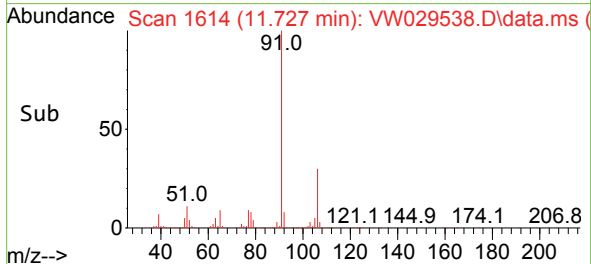
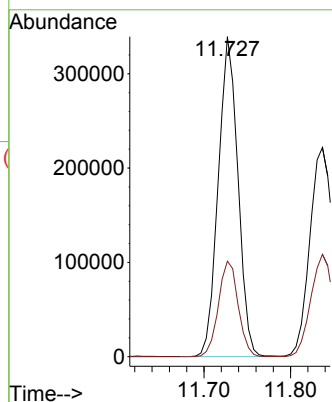
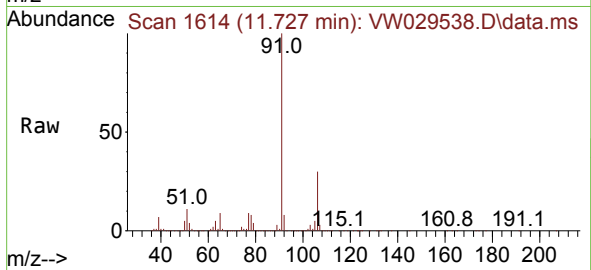




#52
Ethylbenzene
Concen: 27.699 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

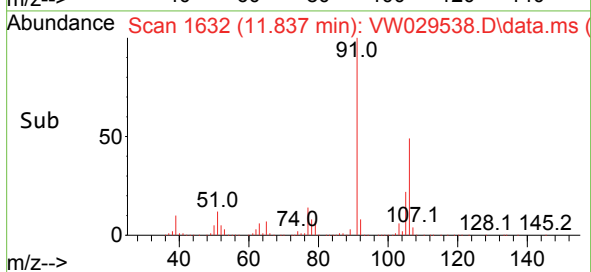
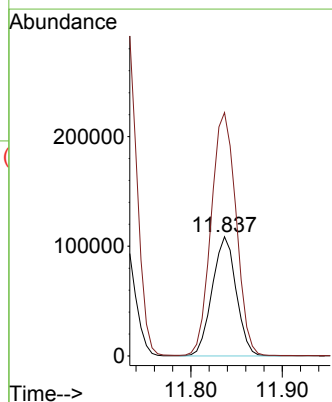
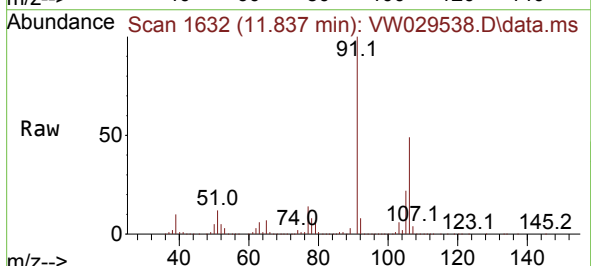
Instrument :
MSVOA_W
ClientSampleId :

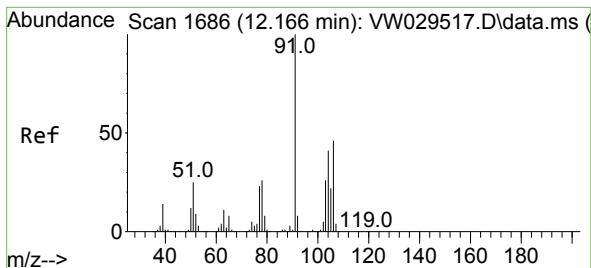
Tgt Ion: 91 Resp: 535330
Ion Ratio Lower Upper
91 100
106 29.8 20.2 37.6



#53
m,p-Xylene
Concen: 27.875 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion:106 Resp: 197770
Ion Ratio Lower Upper
106 100
91 204.3 149.3 277.3





#54

o-Xylene

Concen: 29.291 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

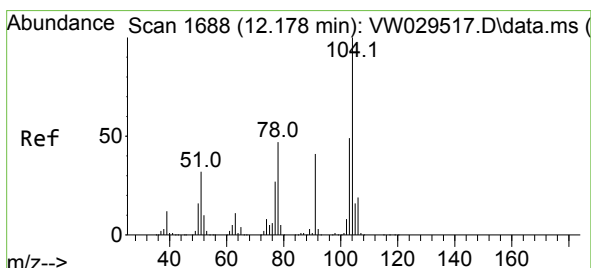
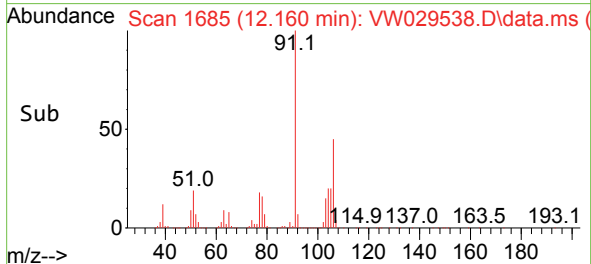
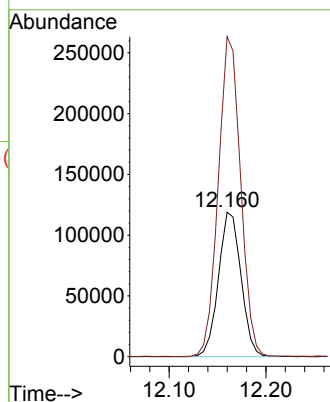
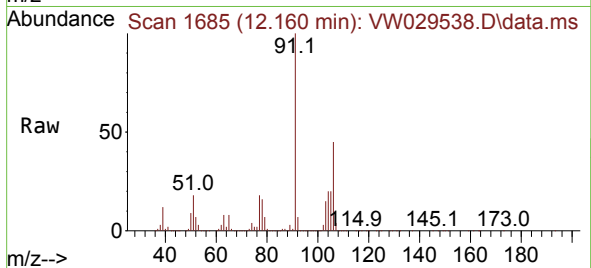
ClientSampleId :

Tgt Ion:106 Resp: 192216

Ion Ratio Lower Upper

106 100

91 221.5 159.2 295.6



#55

Styrene

Concen: 28.041 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029538.D

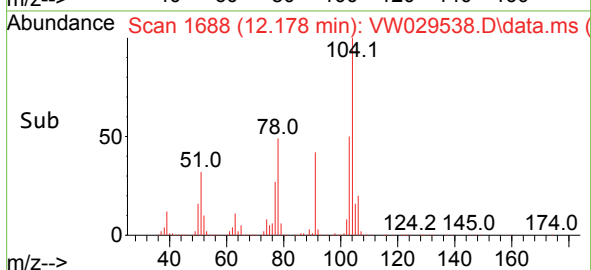
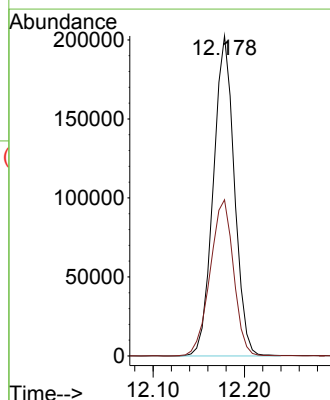
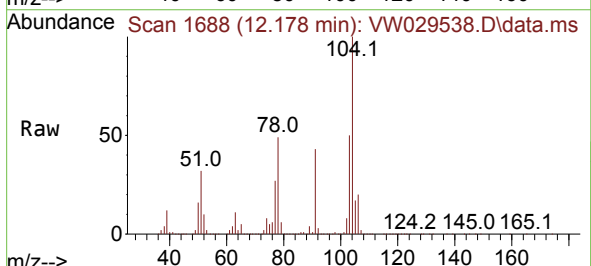
Acq: 11 Jul 2024 18:46

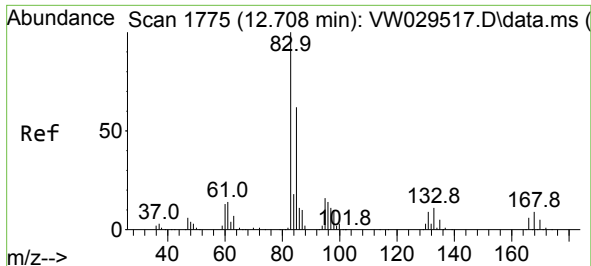
Tgt Ion:104 Resp: 323568

Ion Ratio Lower Upper

104 100

78 48.8 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.263 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029538.D

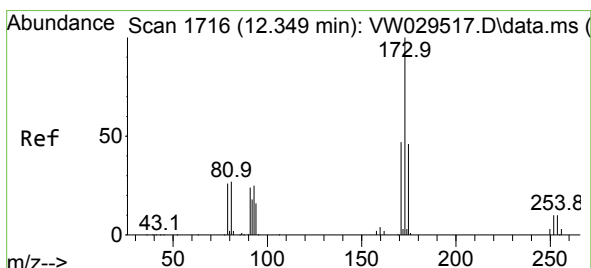
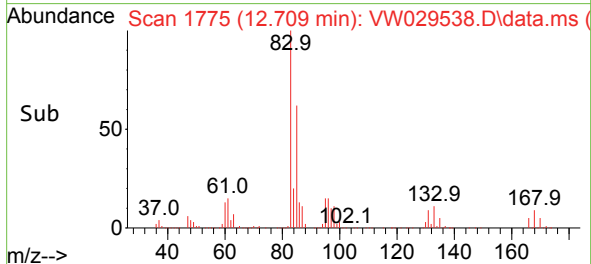
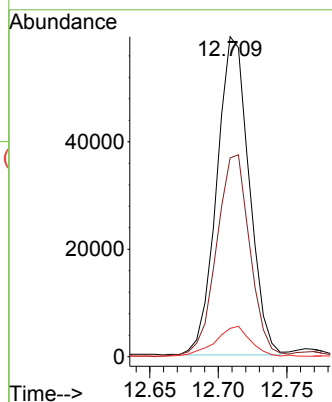
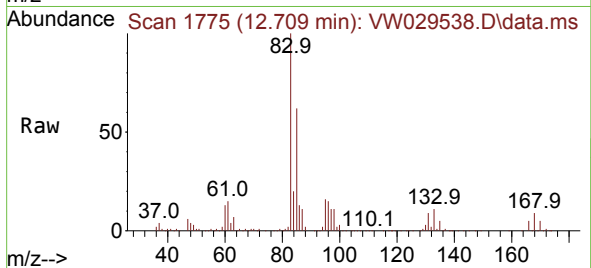
Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	97311
Ion Ratio	Lower	Upper	
83	100		
85	62.1	45.4	84.4
131	8.9	6.4	9.6



#59

Bromoform

Concen: 24.599 ug/L

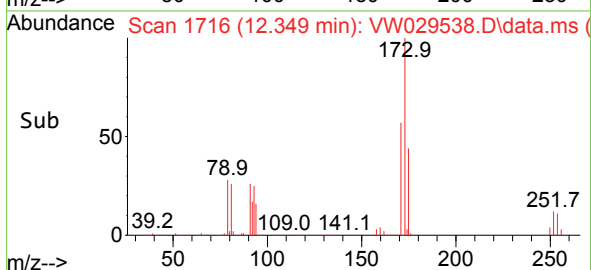
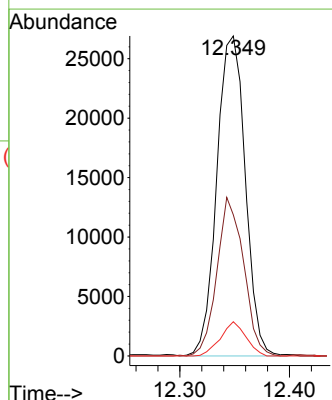
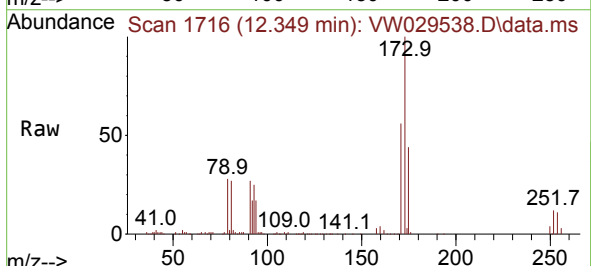
RT: 12.349 min Scan# 1716

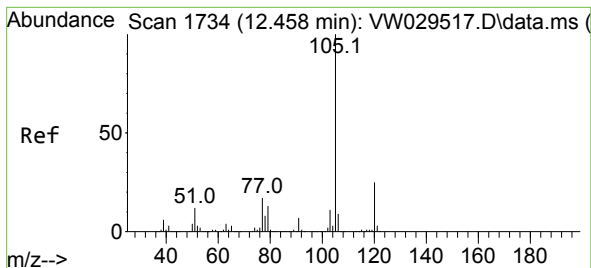
Delta R.T. 0.000 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Tgt Ion:	173	Resp:	48518
Ion Ratio	Lower	Upper	
173	100		
175	46.5	40.4	60.6
254	9.6	8.8	13.2





#60

Isopropylbenzene

Concen: 28.713 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

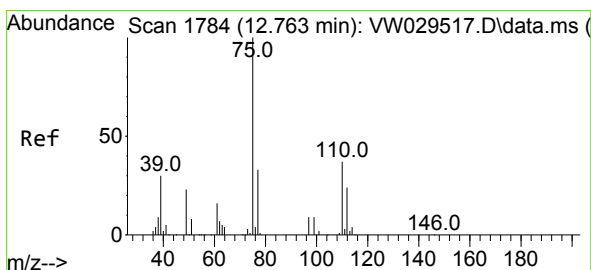
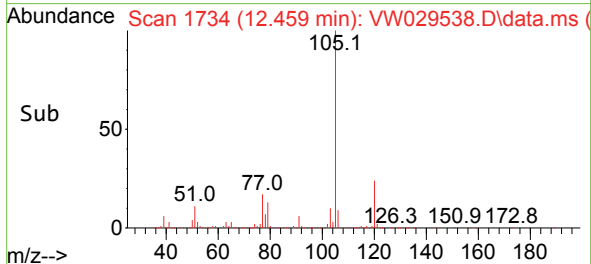
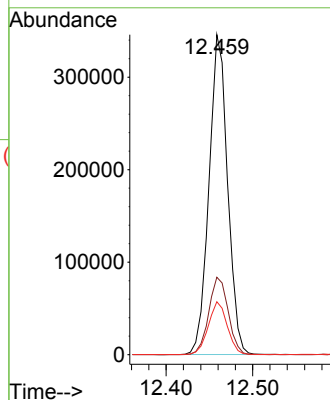
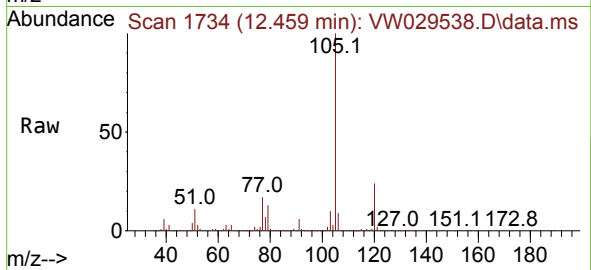
Tgt Ion:105 Resp: 516211

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 16.7 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 23.760 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

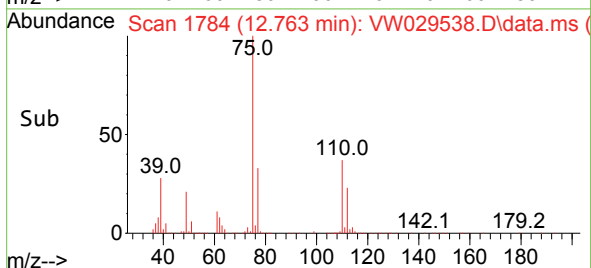
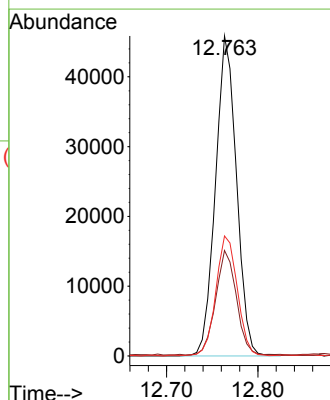
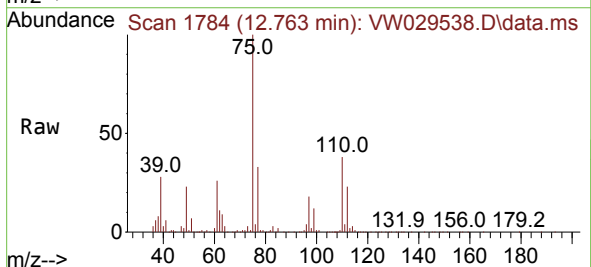
Tgt Ion: 75 Resp: 73475

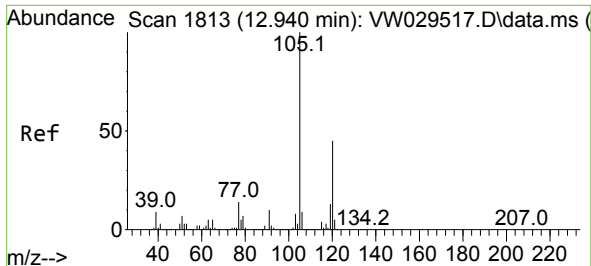
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

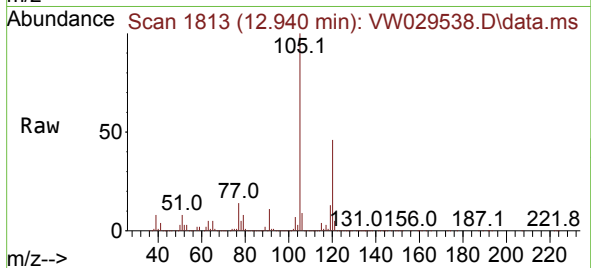
110 38.0 29.1 43.7



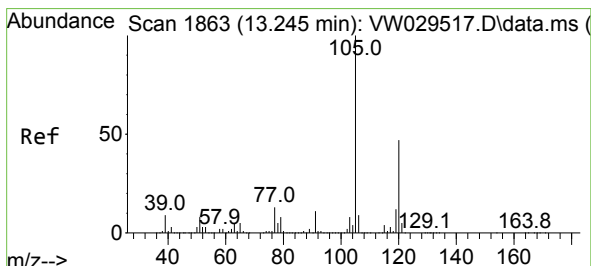
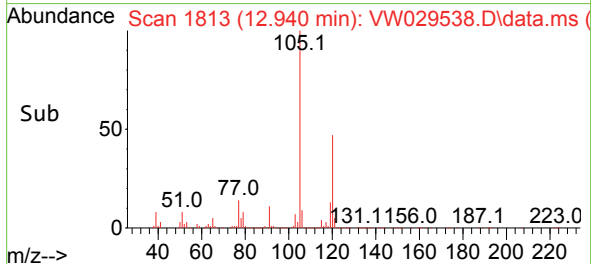
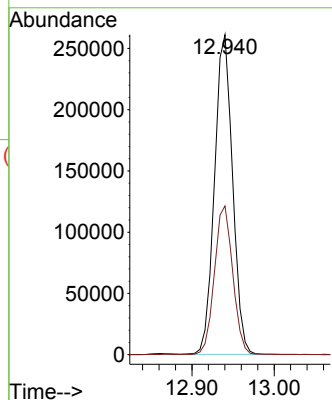


#62
 1,3,5-Trimethylbenzene
 Concen: 31.151 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW029538.D
 Acq: 11 Jul 2024 18:46

Instrument :
 MSVOA_W
 ClientSampleId :

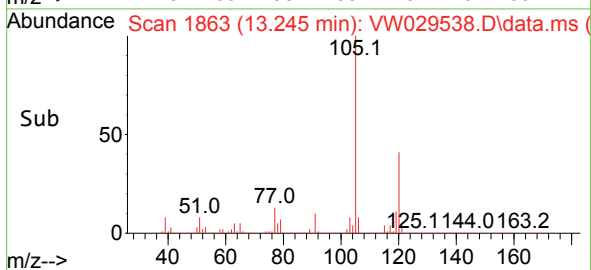
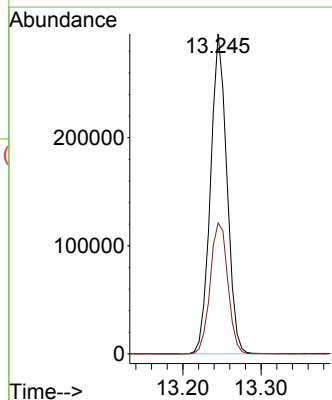
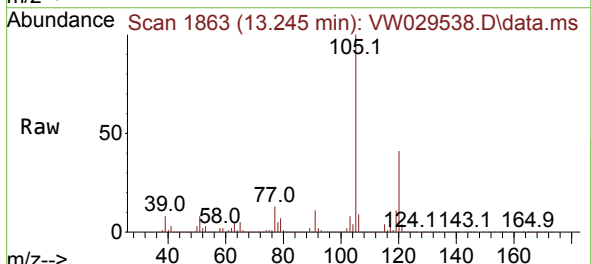


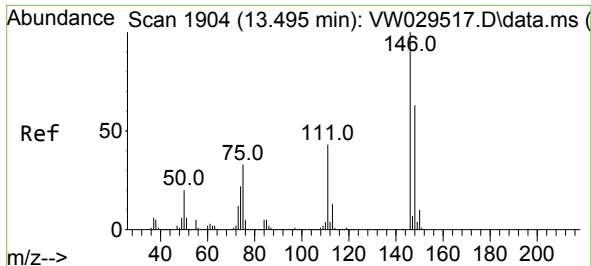
Tgt Ion:105 Resp: 398370
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 30.405 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW029538.D
 Acq: 11 Jul 2024 18:46

Tgt Ion:105 Resp: 429147
 Ion Ratio Lower Upper
 105 100
 120 44.2 34.7 52.1

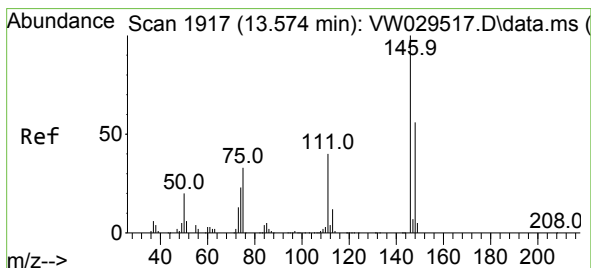
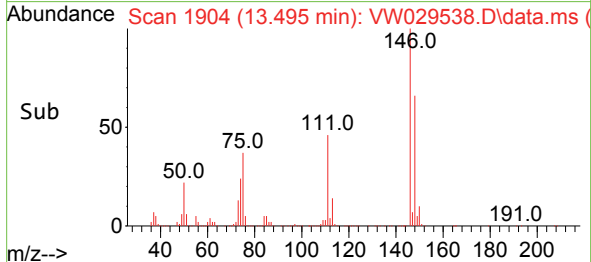
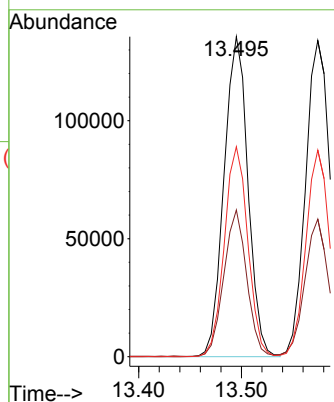
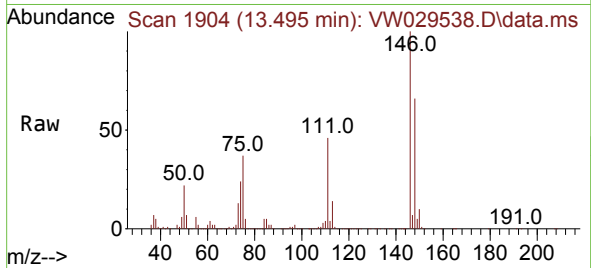




#64
1,3-Dichlorobenzene
Concen: 27.187 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

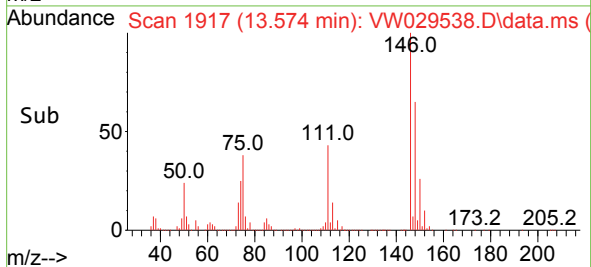
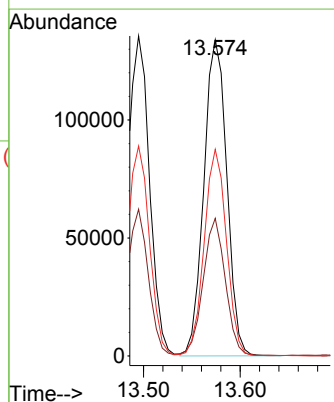
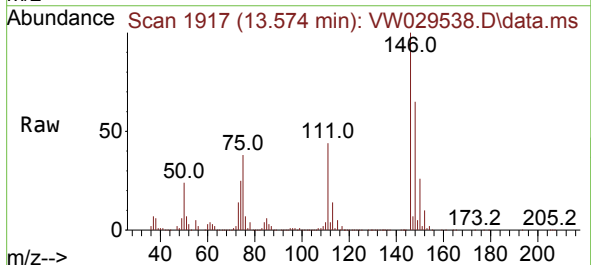
Instrument :
MSVOA_W
ClientSampleId :

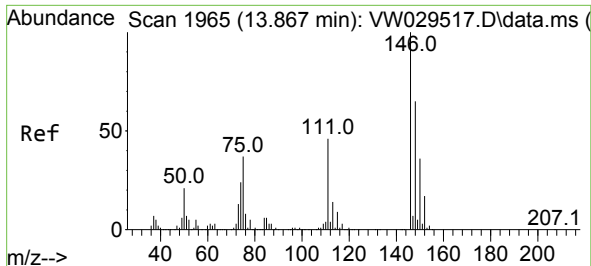
Tgt Ion:146 Resp: 219090
Ion Ratio Lower Upper
146 100
111 45.8 28.6 53.2
148 65.6 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 26.810 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion:146 Resp: 221334
Ion Ratio Lower Upper
146 100
111 43.5 27.6 51.4
148 65.3 40.9 75.9





#67

1,2-Dichlorobenzene

Concen: 27.322 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

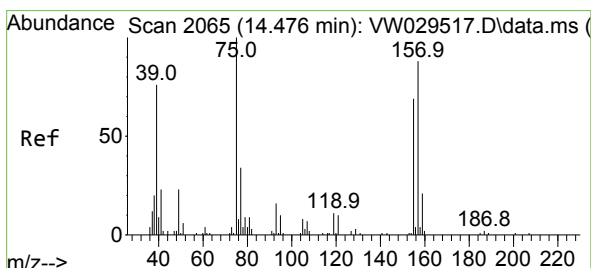
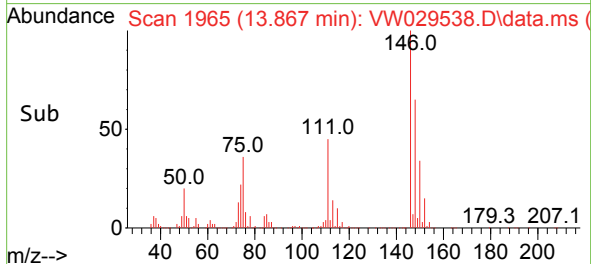
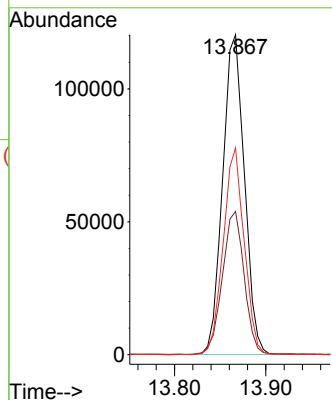
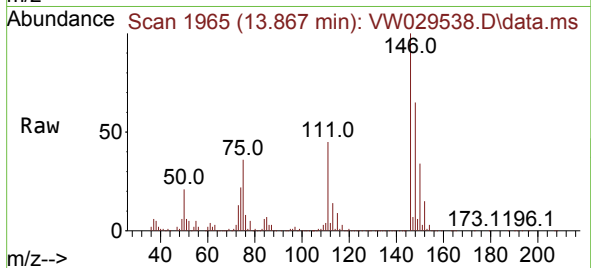
Tgt Ion:146 Resp: 199027

Ion Ratio Lower Upper

146 100

111 44.7 37.1 55.7

148 64.6 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 21.654 ug/L

RT: 14.477 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

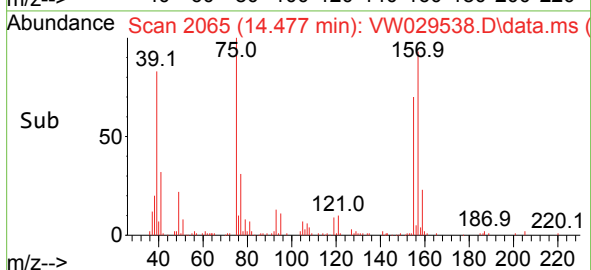
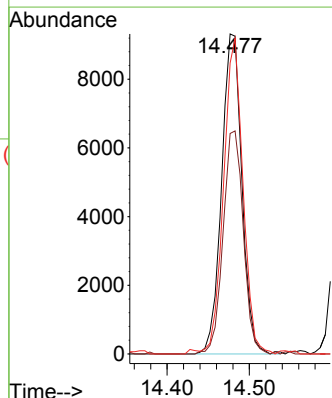
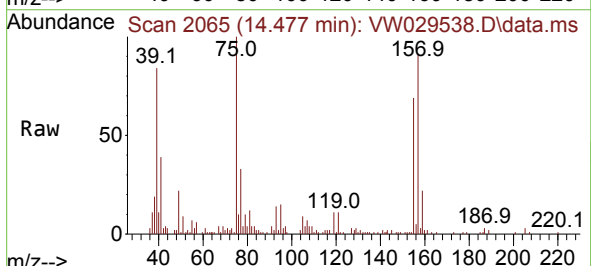
Tgt Ion: 75 Resp: 16008

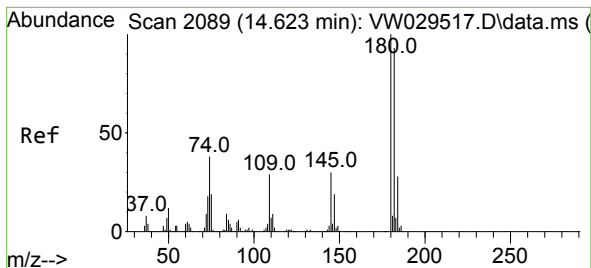
Ion Ratio Lower Upper

75 100

155 68.9 51.2 76.8

157 90.9 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 27.770 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

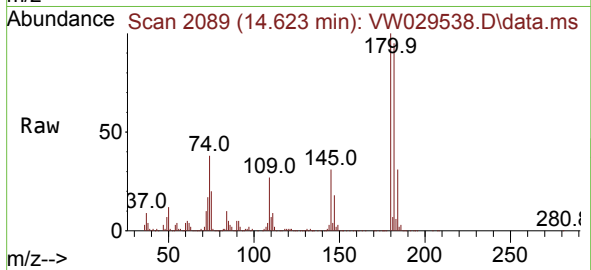
Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 145989

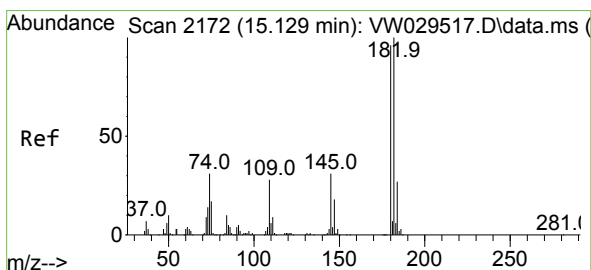
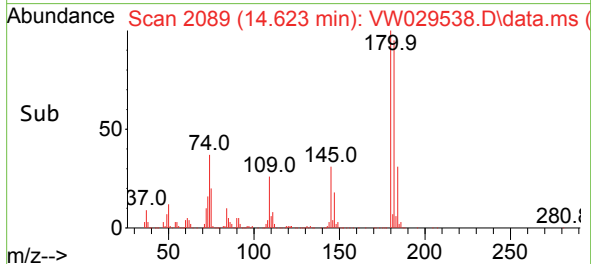
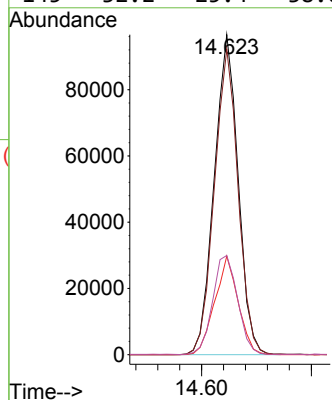
Ion Ratio Lower Upper

180 100

182 95.0 77.9 116.9

184 30.2 24.4 36.6

145 32.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.804 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029538.D

Acq: 11 Jul 2024 18:46

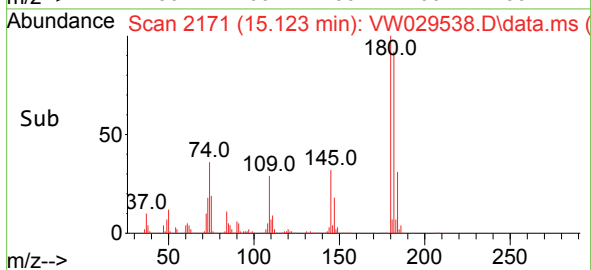
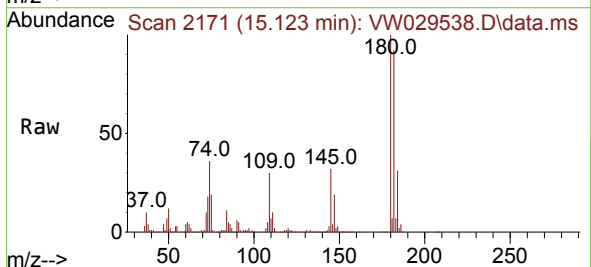
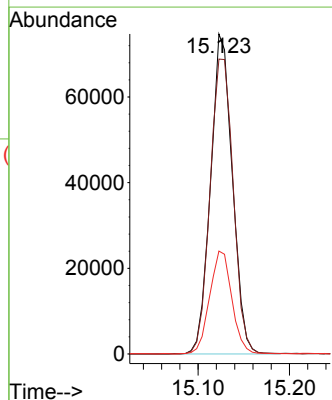
Tgt Ion:180 Resp: 123990

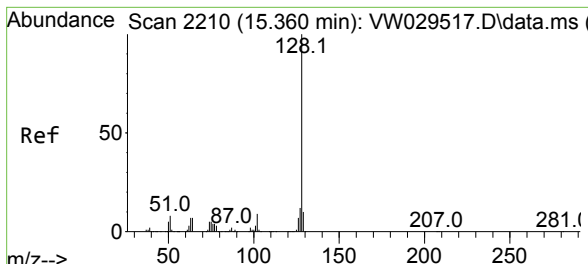
Ion Ratio Lower Upper

180 100

182 97.9 74.7 112.1

145 32.8 26.2 39.2



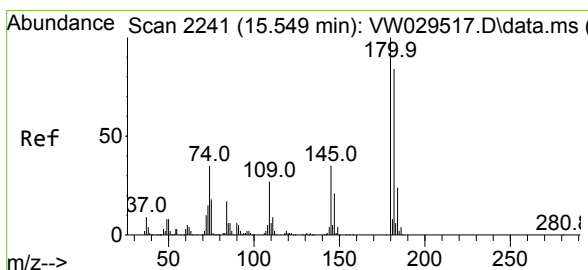
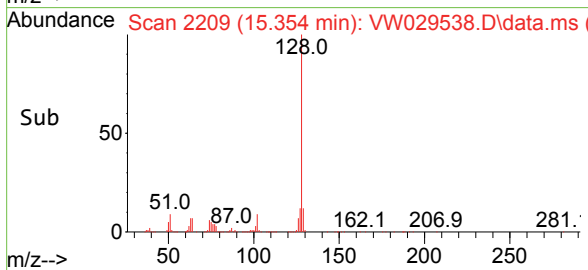
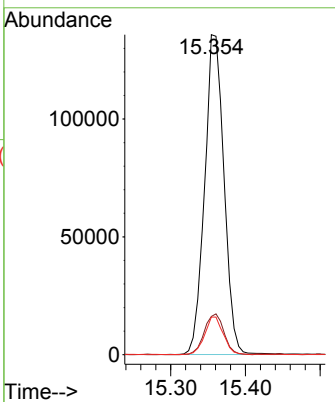
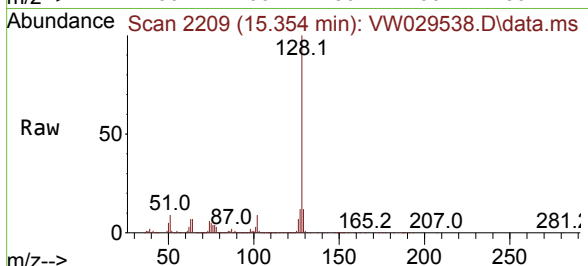


#71
Naphthalene
Concen: 25.213 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 244793

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.4	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 25.739 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW029538.D
Acq: 11 Jul 2024 18:46

Tgt Ion:180 Resp: 108173

Ion	Ratio	Lower	Upper
180	100		
182	93.0	73.4	110.0
145	32.8	26.9	40.3

