

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053124\
 Data File : VW028928.D
 Acq On : 31 May 2024 08:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 01 00:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 23:53:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	264972	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244609	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131473	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	117282	23.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
7) Chloroethane-d5	2.905	69	93868	24.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
11) 1,1-Dichloroethene-d2	4.021	65	50557	24.049	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.200%
21) 2-Butanone-d5	7.075	46	57460	43.772	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.540%
24) Chloroform-d	7.648	84	231562	27.968	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.880%
26) 1,2-Dichloroethane-d4	8.307	65	123064	25.962	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.840%
32) Benzene-d6	8.276	84	439225	26.913	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.640%
36) 1,2-Dichloropropane-d6	9.270	67	137702	28.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.160%
41) Toluene-d8	10.325	98	399434	27.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.560%
43) trans-1,3-Dichloroprop...	10.575	79	54183	27.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.720%
47) 2-Hexanone-d5	10.922	63	40127	47.375	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103927	25.237	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	128724	25.688	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	88313	22.935	ug/L	94
3) Chloromethane	2.229	50	99610	20.881	ug/L	97
5) Vinyl chloride	2.375	62	126212	23.500	ug/L	97
6) Bromomethane	2.796	94	73130	23.539	ug/L	100
8) Chloroethane	2.942	64	79219	25.864	ug/L	99
9) Trichlorofluoromethane	3.271	101	107695	24.425	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	111730	27.484	ug/L #	72
12) 1,1-Dichloroethene	4.045	96	95622	26.221	ug/L	90
13) Acetone	4.119	43	56557	47.359	ug/L	98
14) Carbon disulfide	4.393	76	264480	21.459	ug/L	99
15) Methyl Acetate	4.673	43	44914	21.617	ug/L	99
16) Methylene chloride	4.923	84	109124	26.629	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	100789	26.547	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	152958	27.300	ug/L	99
19) 1,1-Dichloroethane	6.216	63	212137	28.177	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	111966	28.179	ug/L	94
22) 2-Butanone	7.167	43	63184	41.221	ug/L	98
23) Bromochloromethane	7.514	128	47954	27.668	ug/L	96
25) Chloroform	7.673	83	211514	29.047	ug/L	94

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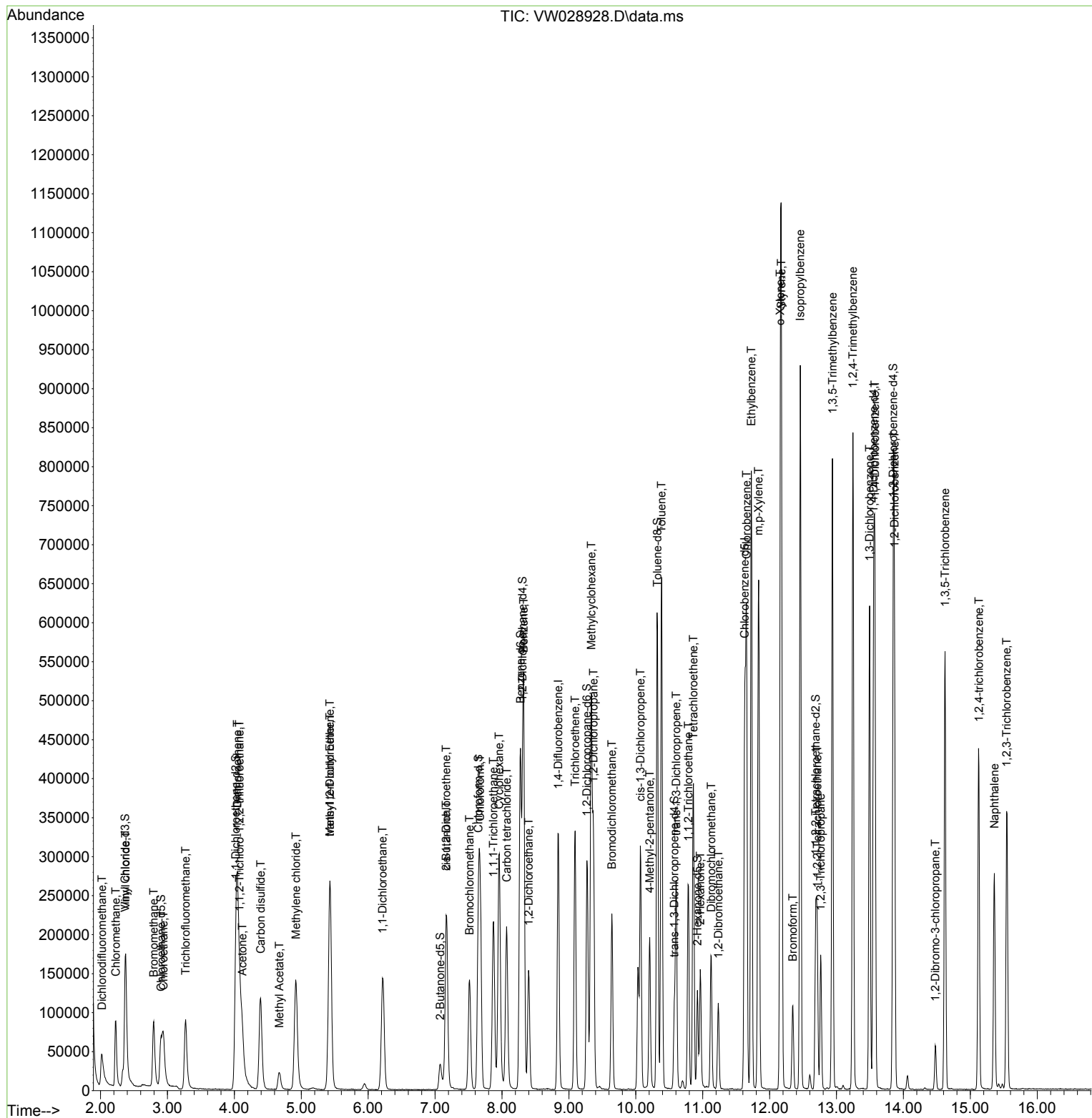
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	141126	26.661	ug/L	99
29) Cyclohexane	7.959	56	170122	24.392	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	175890	28.695	ug/L	98
31) Carbon tetrachloride	8.069	117	156033	27.919	ug/L	98
33) Benzene	8.325	78	450836	28.423	ug/L	100
34) Trichloroethene	9.093	95	116377	27.365	ug/L	94
35) Methylcyclohexane	9.337	83	191487	25.765	ug/L	98
37) 1,2-Dichloropropane	9.368	63	120589	29.176	ug/L	100
38) Bromodichloromethane	9.642	83	147342	29.244	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	175706	29.660	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	131561	46.768	ug/L	100
42) Toluene	10.386	91	471892	28.804	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	142570	28.543	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	82674	27.612	ug/L	98
46) Tetrachloroethene	10.861	164	85003	27.742	ug/L	97
48) 2-Hexanone	10.965	43	97853	49.272	ug/L	99
49) Dibromochloromethane	11.129	129	89930	29.945	ug/L	100
50) 1,2-Dibromoethane	11.233	107	72516	25.855	ug/L	99
51) Chlorobenzene	11.654	112	297940	29.400	ug/L	97
52) Ethylbenzene	11.727	91	540780	29.168	ug/L	96
53) m,p-Xylene	11.837	106	206637	30.405	ug/L	96
54) o-Xylene	12.160	106	191706	30.492	ug/L	100
55) Styrene	12.178	104	337229	31.655	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	97227	25.882	ug/L	95
59) Bromoform	12.349	173	49182	25.641	ug/L	99
60) Isopropylbenzene	12.458	105	552977	27.723	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	70198	22.093	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	405026	28.700	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	441461	29.032	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	235741	28.410	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	234163	27.603	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	207310	27.914	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14385	19.364	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	167985	30.169	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	131898	29.317	ug/L	97
71) Naphthalene	15.360	128	228394	23.827	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	111959	27.578	ug/L	99

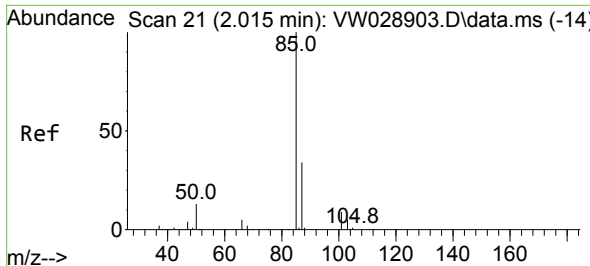
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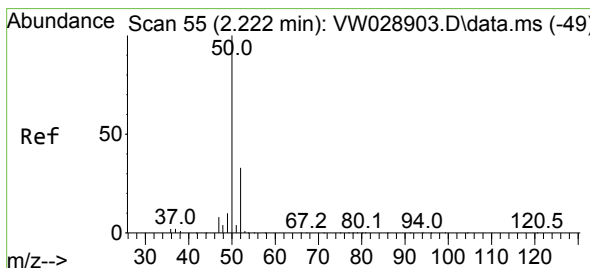
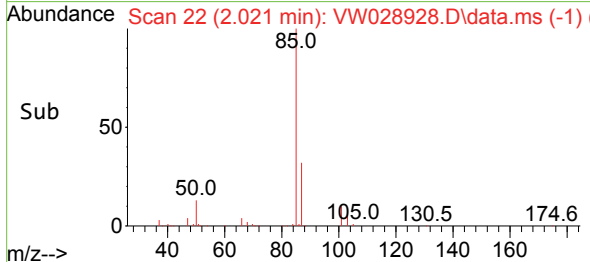
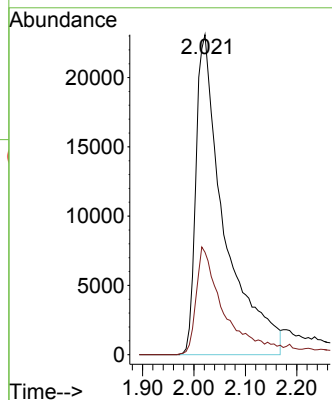
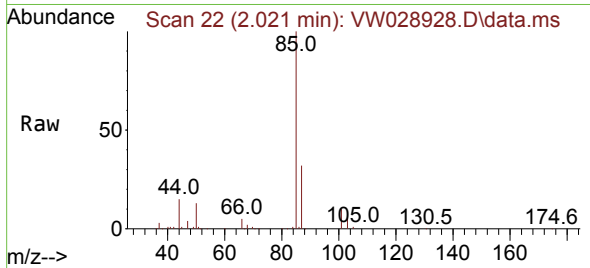




#2
Dichlorodifluoromethane
Concen: 22.935 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

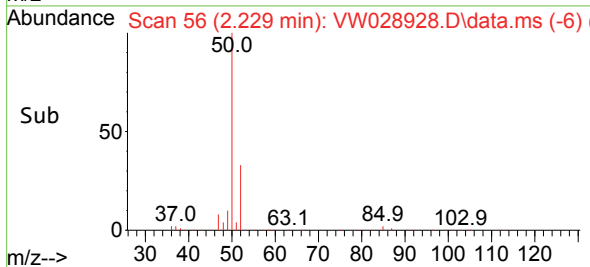
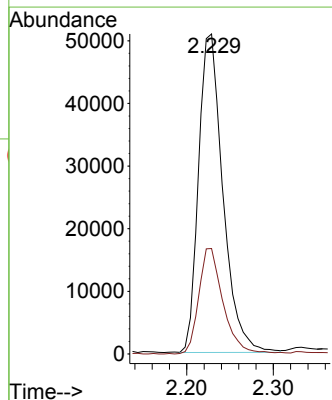
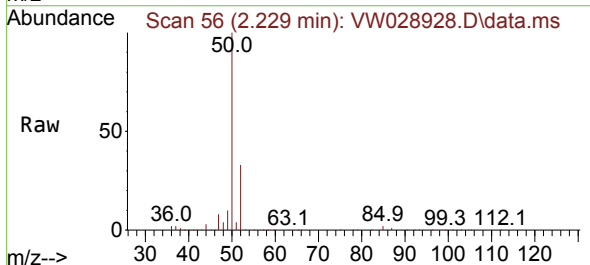
Instrument :
MSVOA_W
ClientSampleId :

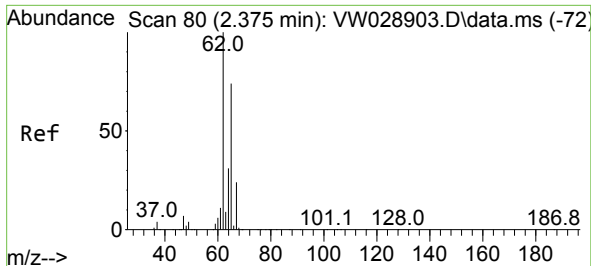
Tgt Ion: 85 Resp: 88313
Ion Ratio Lower Upper
85 100
87 30.4 21.9 32.9



#3
Chloromethane
Concen: 20.881 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

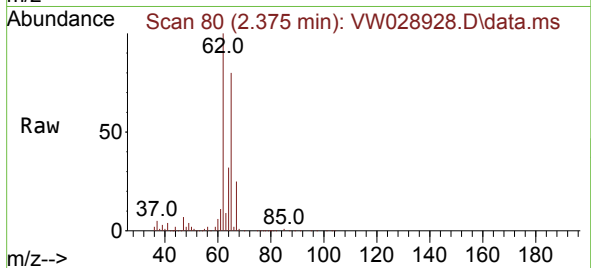
Tgt Ion: 50 Resp: 99610
Ion Ratio Lower Upper
50 100
52 33.0 22.0 41.0



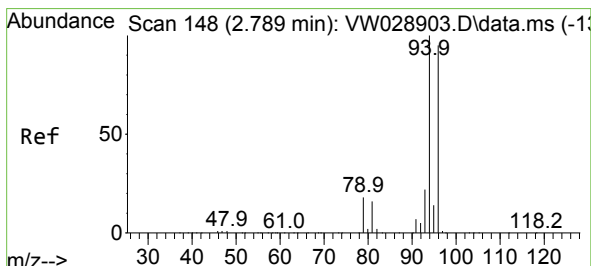
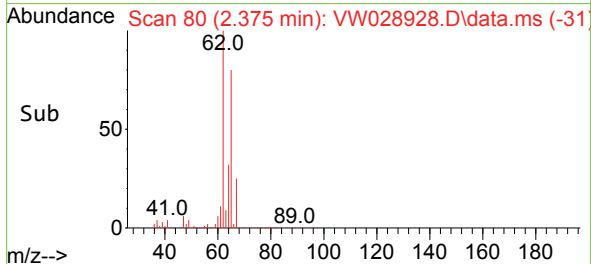
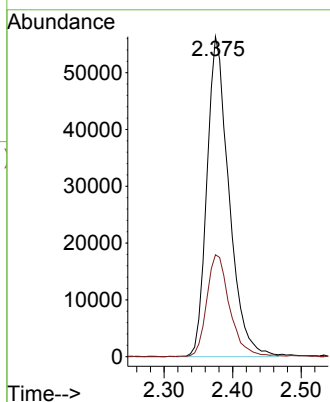


#5
 Vinyl chloride
 Concen: 23.500 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028928.D
 Acq: 31 May 2024 08:39

Instrument :
 MSVOA_W
 ClientSampleId :

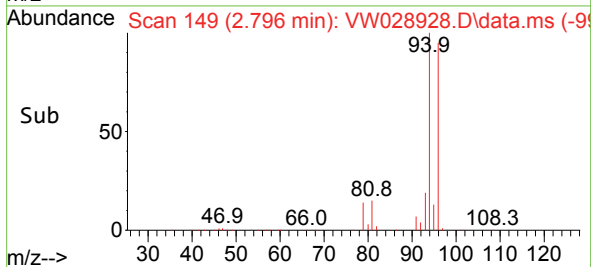
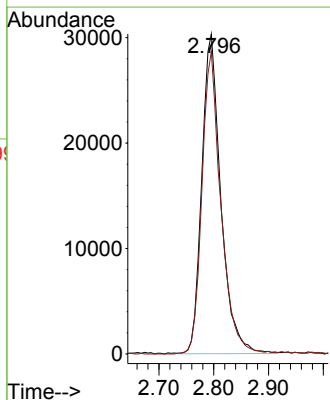
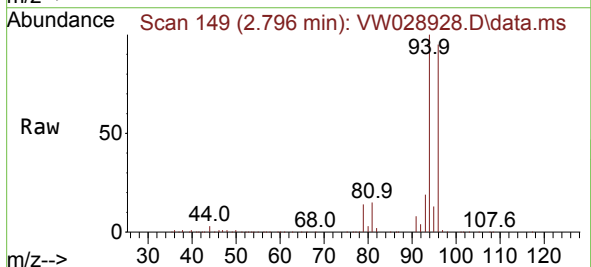


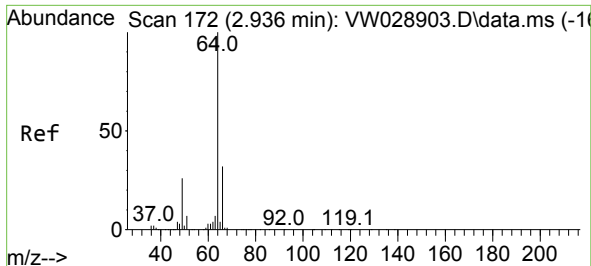
Tgt Ion: 62 Resp: 126212
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.3 43.3



#6
 Bromomethane
 Concen: 23.539 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028928.D
 Acq: 31 May 2024 08:39

Tgt Ion: 94 Resp: 73130
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.3 123.1

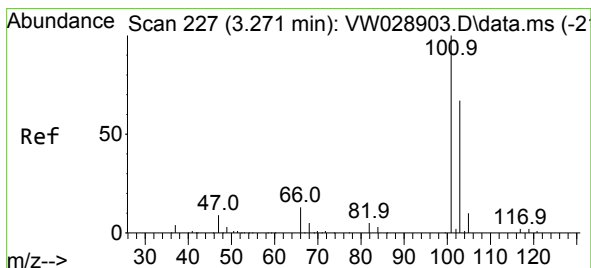
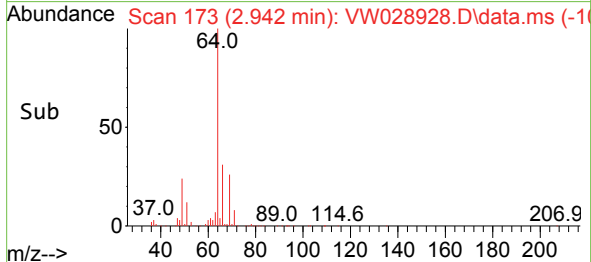
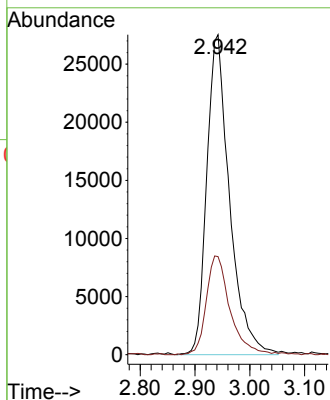
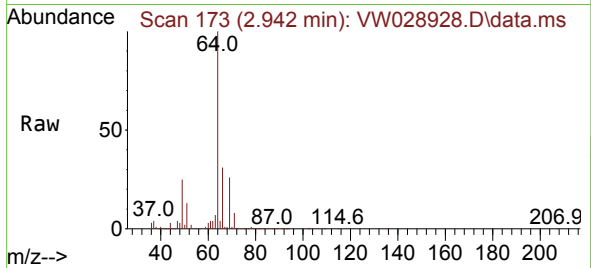




#8
Chloroethane
Concen: 25.864 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

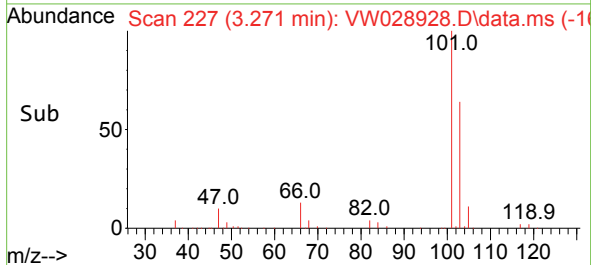
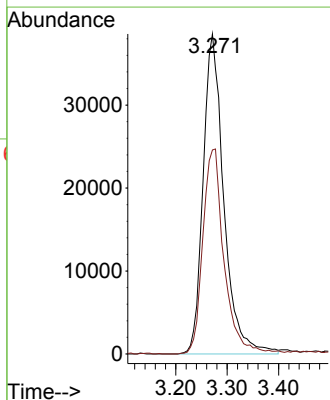
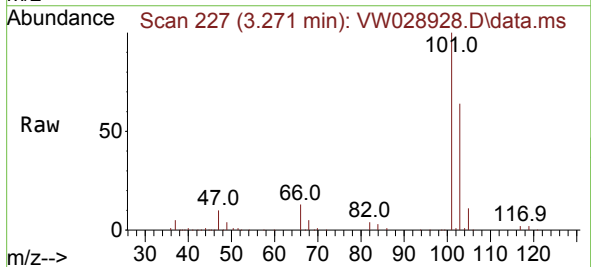
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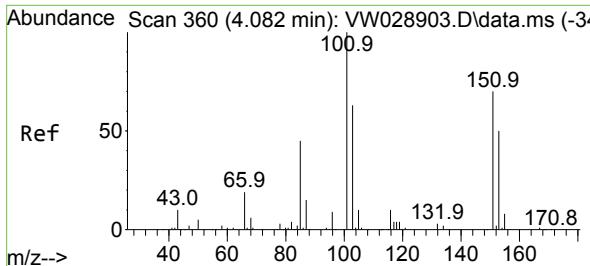
Tgt Ion: 64 Resp: 79219
Ion Ratio Lower Upper
64 100
66 30.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.425 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion:101 Resp: 107695
Ion Ratio Lower Upper
101 100
103 65.2 50.4 75.6

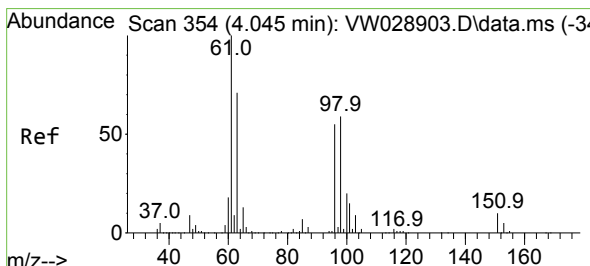
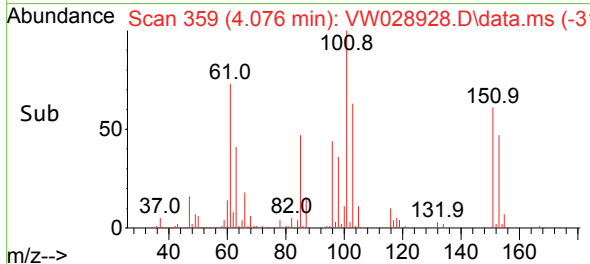
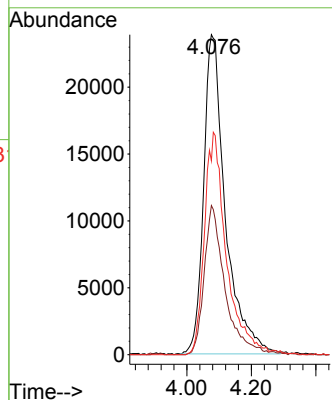
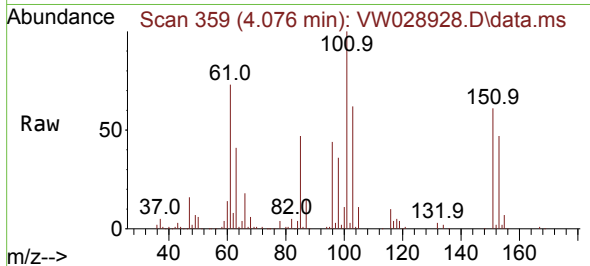




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.484 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW028928.D
 Acq: 31 May 2024 08:39

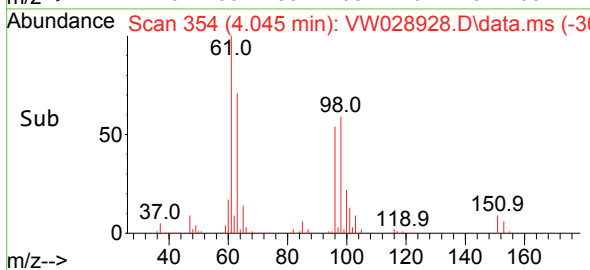
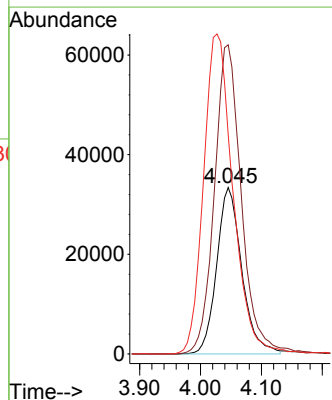
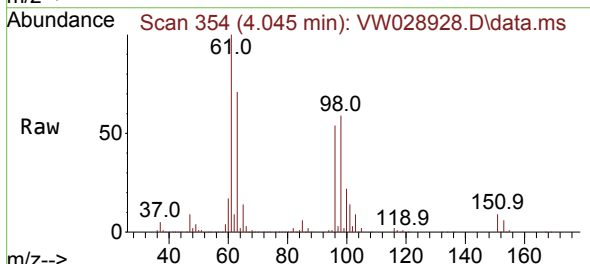
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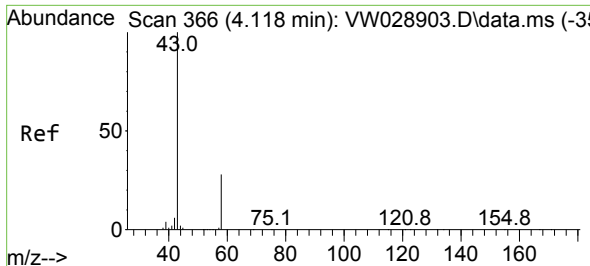
Tgt Ion:101 Resp: 111730
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.8 53.8
 151 25.0 49.6 74.4#



#12
 1,1-Dichloroethene
 Concen: 26.221 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028928.D
 Acq: 31 May 2024 08:39

Tgt Ion: 96 Resp: 95622
 Ion Ratio Lower Upper
 96 100
 61 185.9 131.6 244.4
 63 132.0 111.4 206.8





#13

Acetone

Concen: 47.359 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.012 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

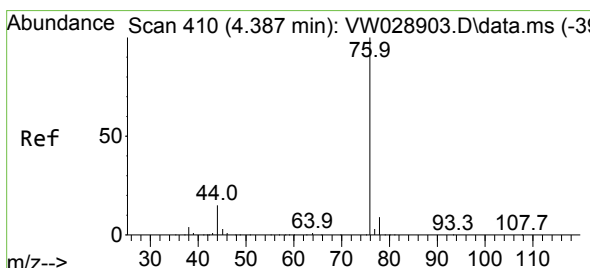
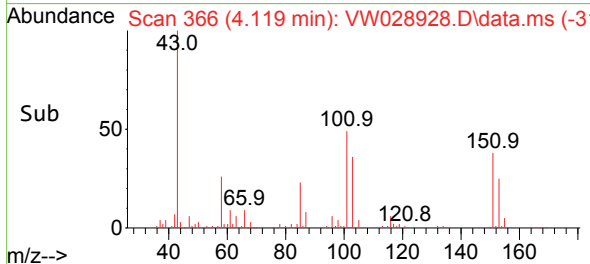
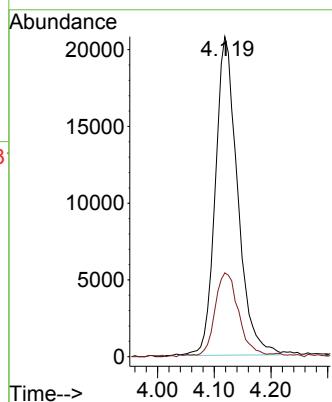
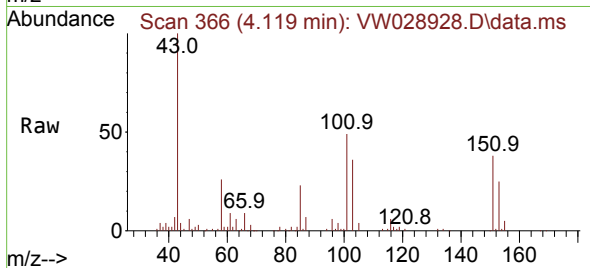
ClientSampleId :

Tgt Ion: 43 Resp: 56557

Ion Ratio Lower Upper

43 100

58 28.0 0.0 54.4



#14

Carbon disulfide

Concen: 21.459 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

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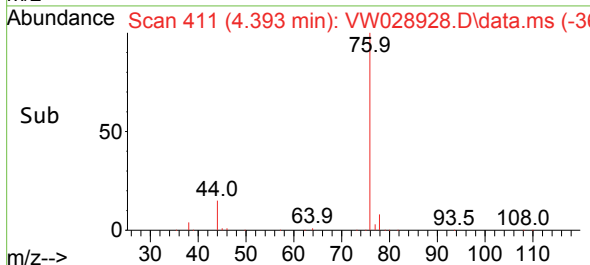
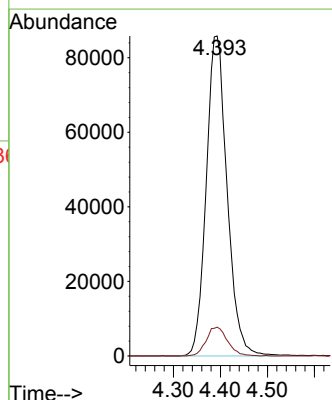
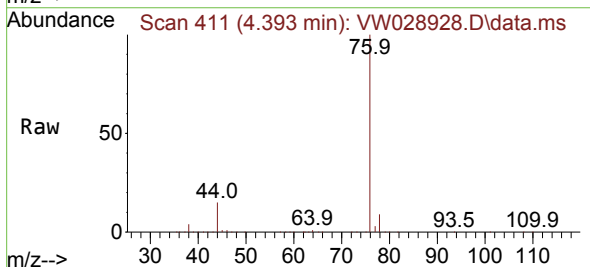
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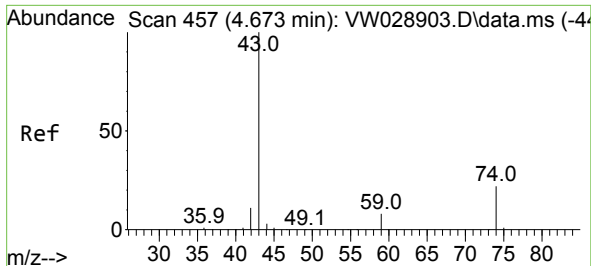
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Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

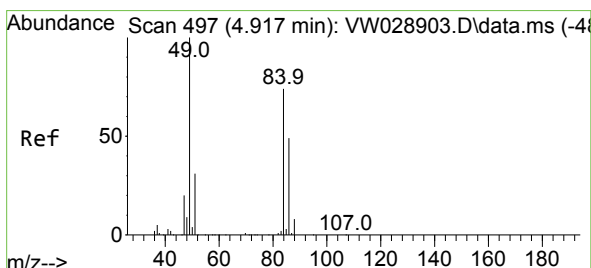
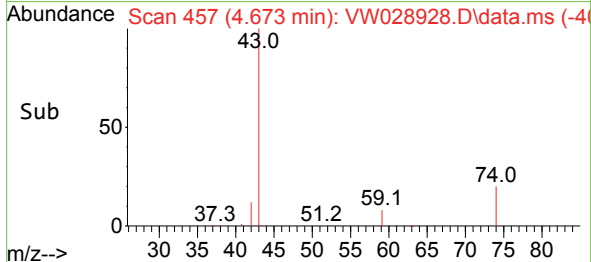
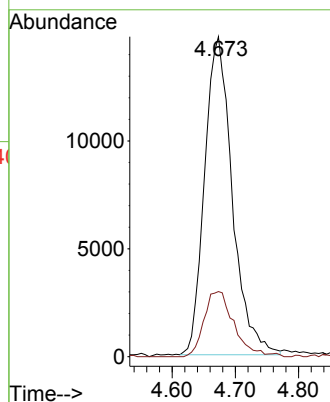
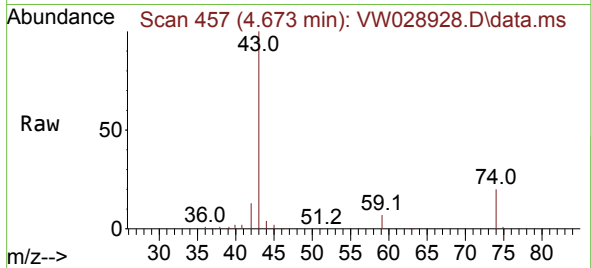




#15
Methyl Acetate
Concen: 21.617 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

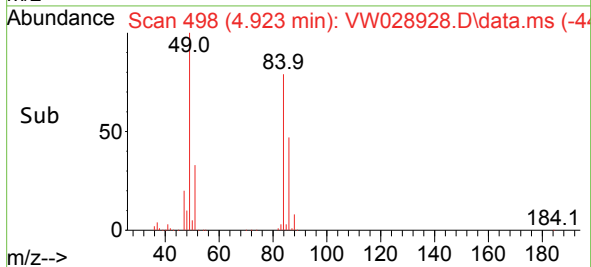
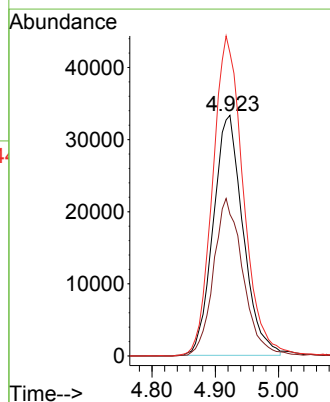
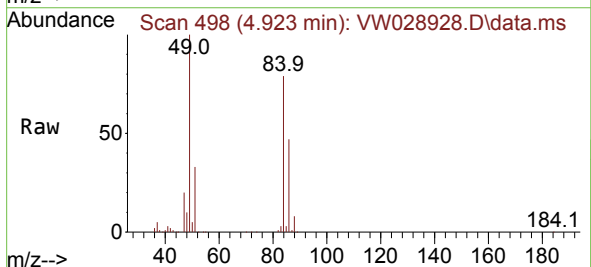
Instrument :
MSVOA_W
ClientSampleId :

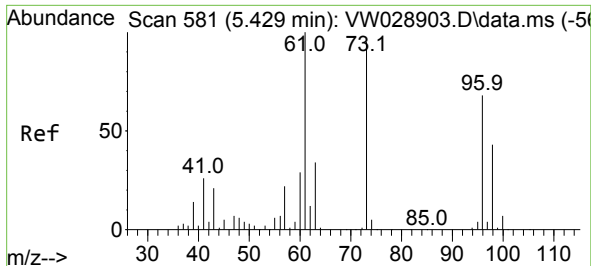
Tgt Ion: 43 Resp: 44914
Ion Ratio Lower Upper
43 100
74 21.5 17.6 26.4



#16
Methylene chloride
Concen: 26.629 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion: 84 Resp: 109124
Ion Ratio Lower Upper
84 100
86 58.8 44.4 82.4
49 126.0 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 26.547 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

ClientSampleId :

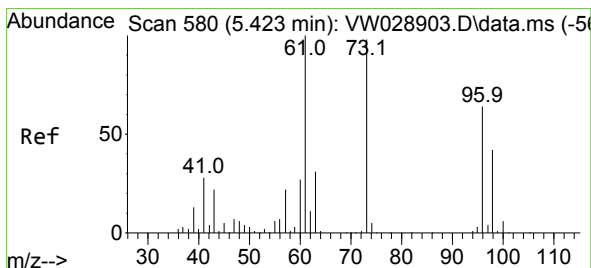
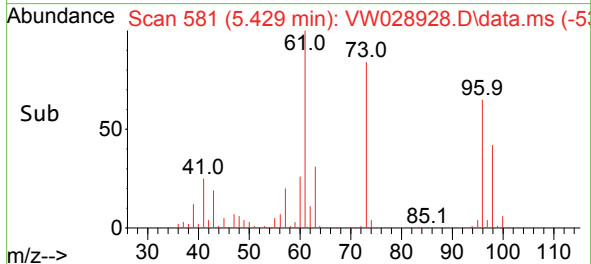
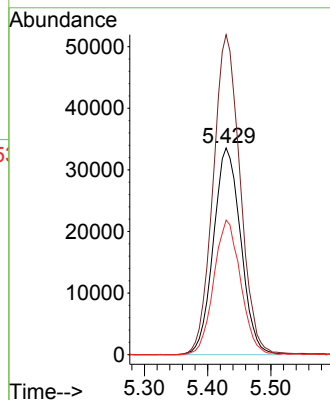
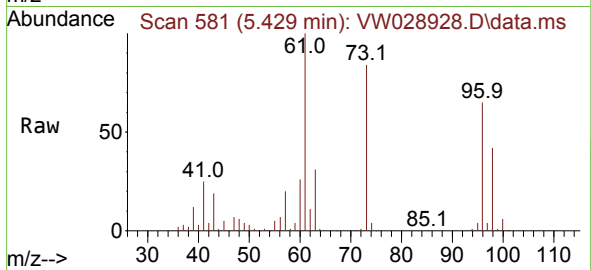
Tgt Ion: 96 Resp: 100789

Ion Ratio Lower Upper

96 100

61 154.8 109.0 202.4

98 65.1 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 27.300 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

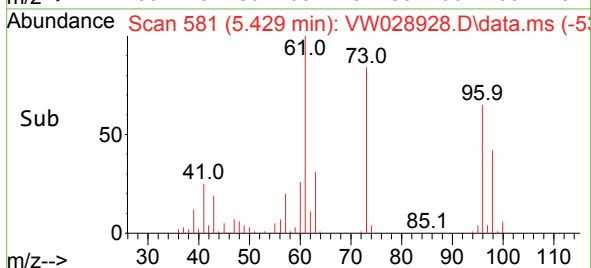
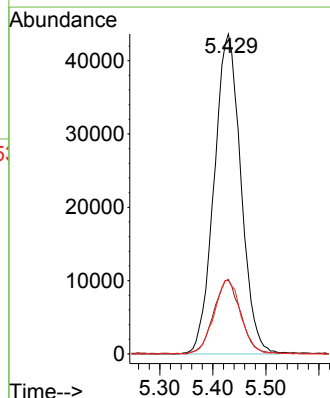
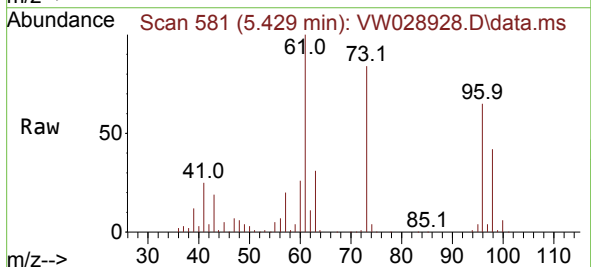
Tgt Ion: 73 Resp: 152958

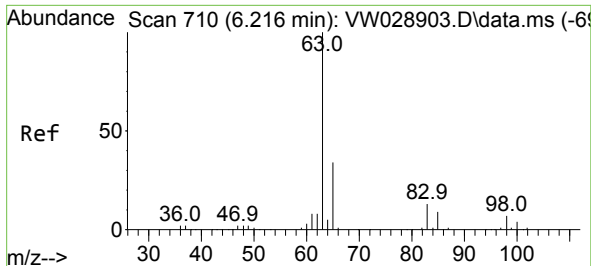
Ion Ratio Lower Upper

73 100

43 23.4 19.2 28.8

57 23.2 18.5 27.7





#19

1,1-Dichloroethane

Concen: 28.177 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

ClientSampleId :

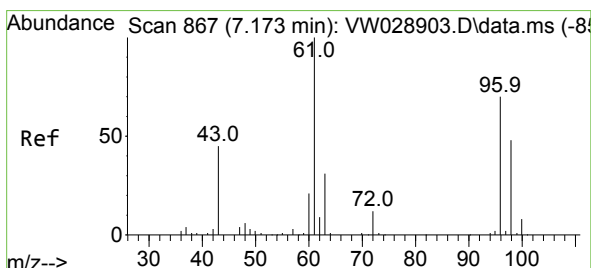
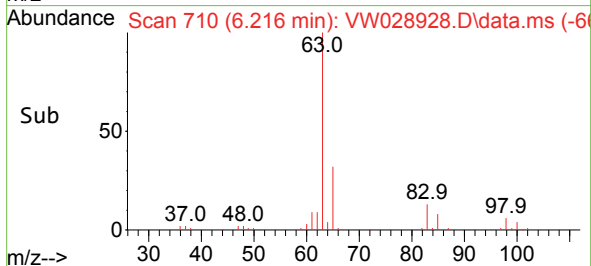
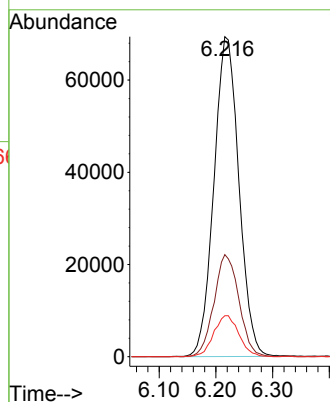
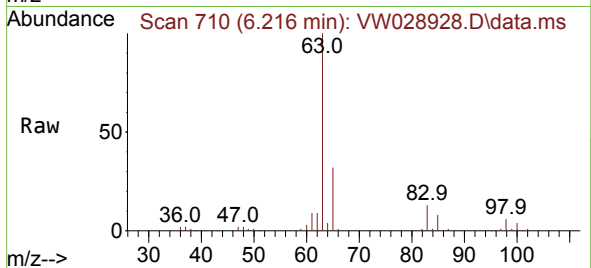
Tgt Ion: 63 Resp: 212137

Ion Ratio Lower Upper

63 100

65 31.9 22.9 42.5

83 12.8 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 28.179 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

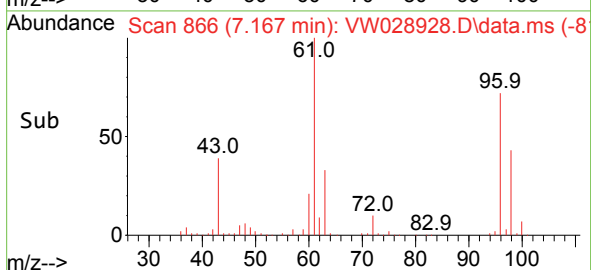
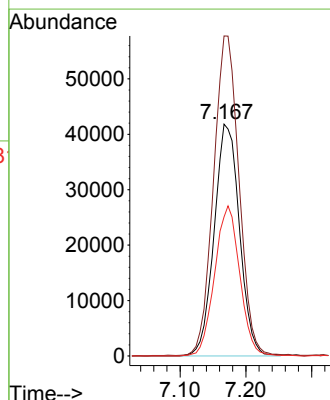
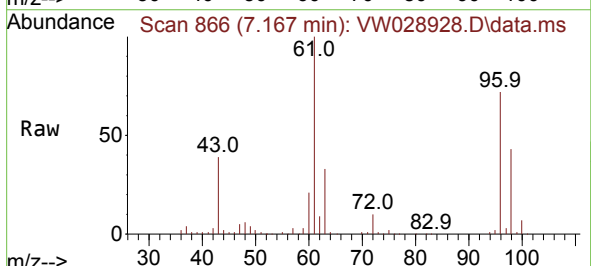
Tgt Ion: 96 Resp: 111966

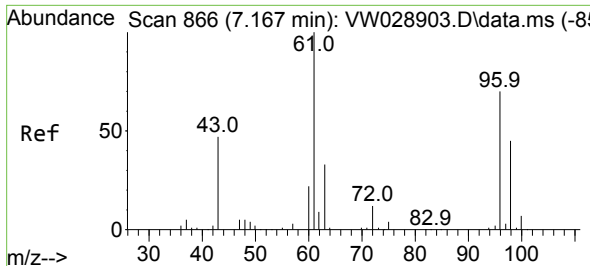
Ion Ratio Lower Upper

96 100

61 138.1 102.8 191.0

98 60.0 44.3 82.3

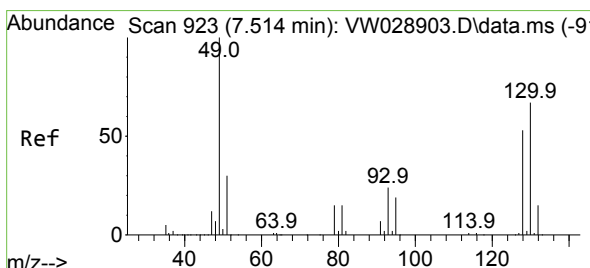
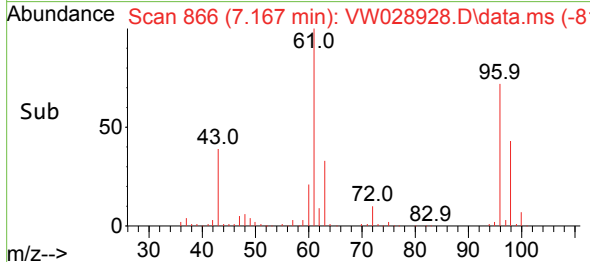
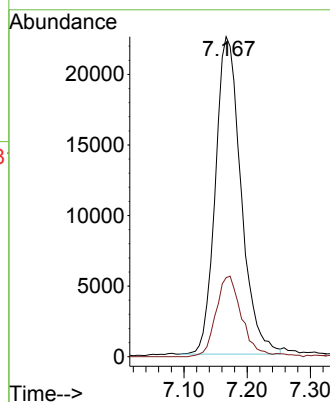
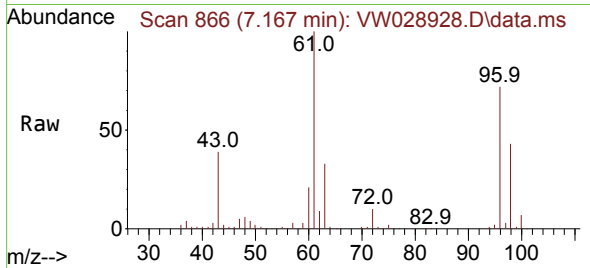




#22
2-Butanone
Concen: 41.221 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

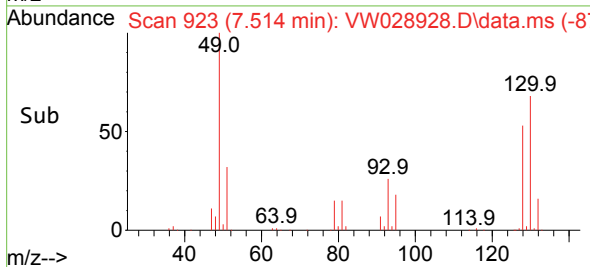
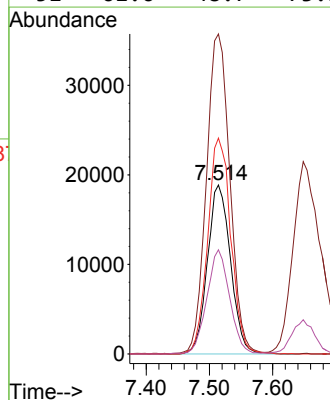
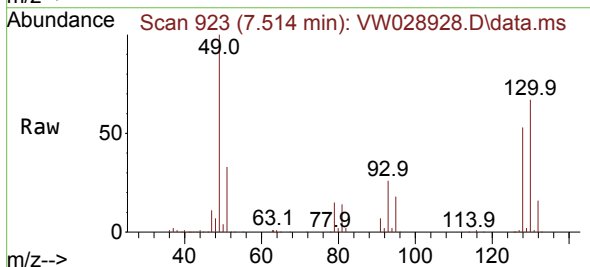
Instrument :
MSVOA_W
ClientSampleId :

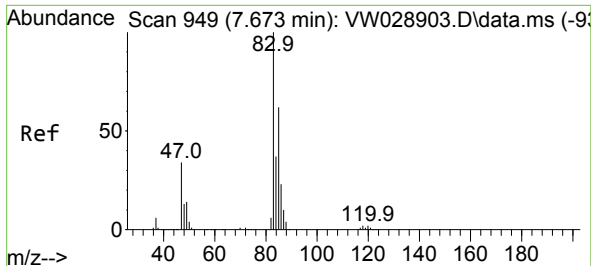
Tgt Ion: 43 Resp: 63184
Ion Ratio Lower Upper
43 100
72 25.3 12.2 36.6



#23
Bromochloromethane
Concen: 27.668 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion: 128 Resp: 47954
Ion Ratio Lower Upper
128 100
49 189.4 139.6 259.2
130 127.8 91.2 169.4
51 61.6 48.7 73.1

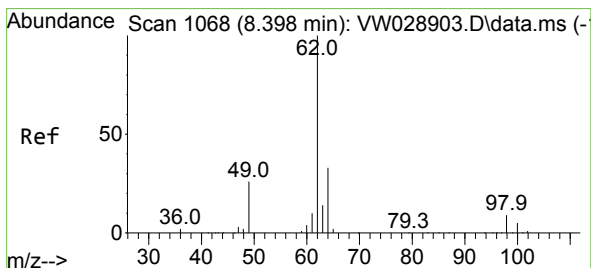
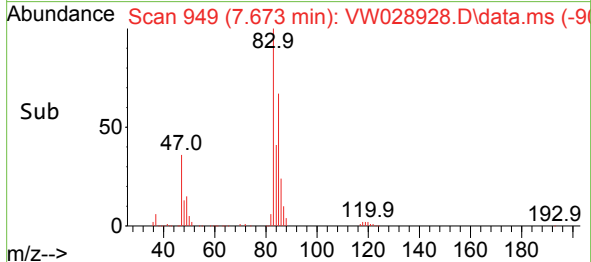
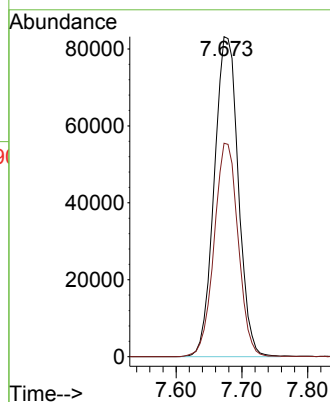
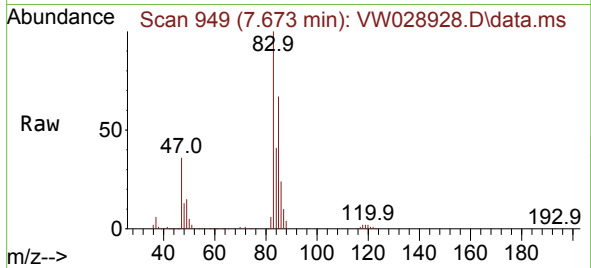




#25
Chloroform
Concen: 29.047 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

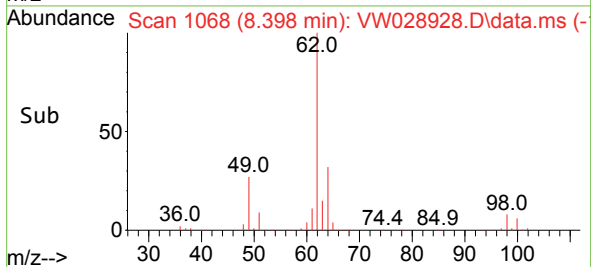
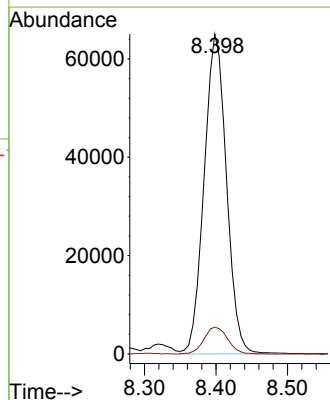
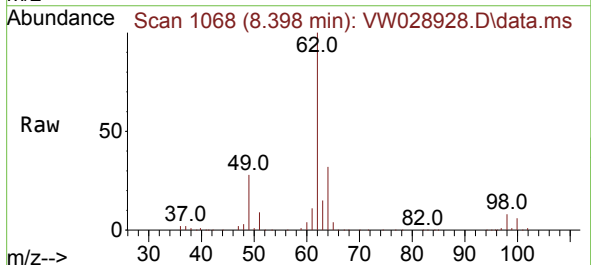
Instrument :
MSVOA_W
ClientSampleId :

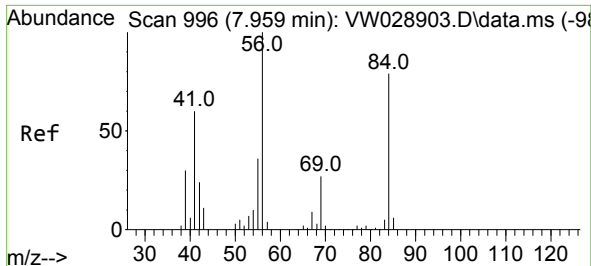
Tgt Ion: 83 Resp: 211514
Ion Ratio Lower Upper
83 100
85 66.7 43.4 80.6



#27
1,2-Dichloroethane
Concen: 26.661 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

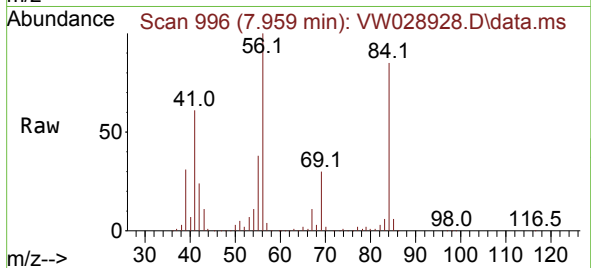
Tgt Ion: 62 Resp: 141126
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.6



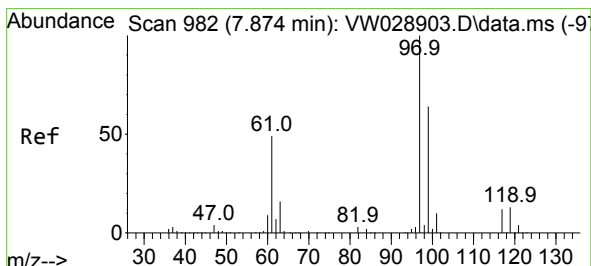
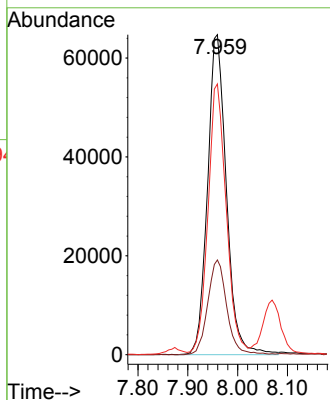
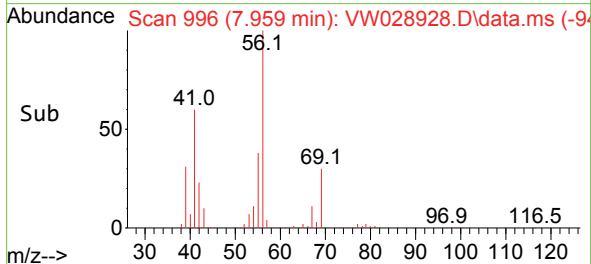


#29
Cyclohexane
Concen: 24.392 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

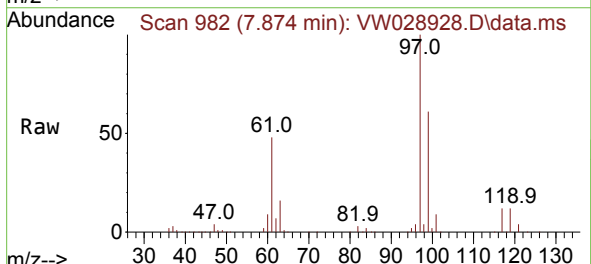
Instrument :
MSVOA_W
ClientSampleId :



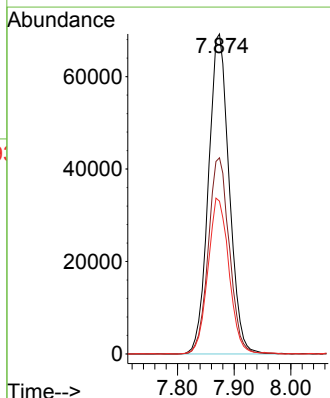
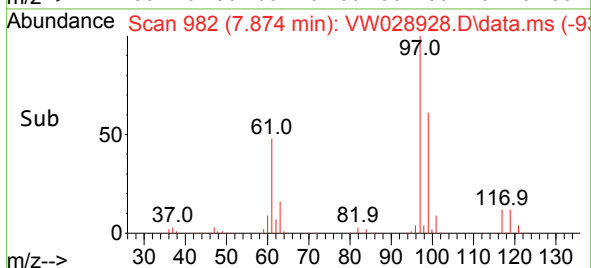
Tgt Ion: 56 Resp: 170122
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.0
84 81.7 65.8 98.8

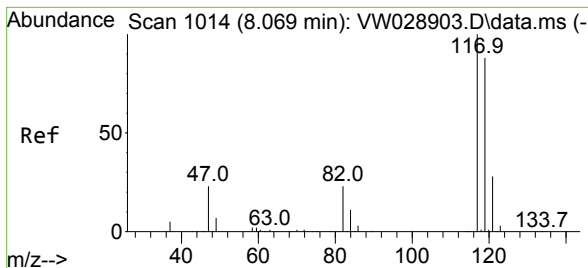


#30
1,1,1-Trichloroethane
Concen: 28.695 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39



Tgt Ion: 97 Resp: 175890
Ion Ratio Lower Upper
97 100
99 62.2 50.9 76.3
61 49.5 41.0 61.6

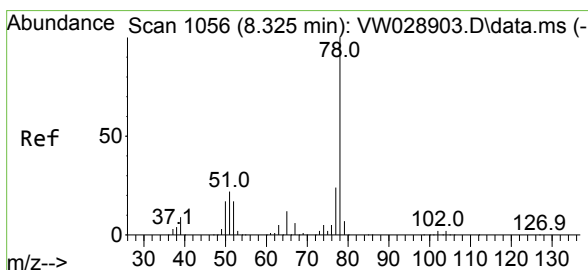
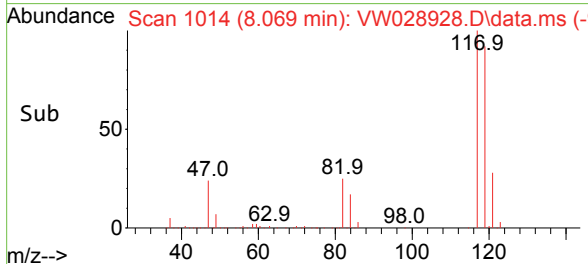
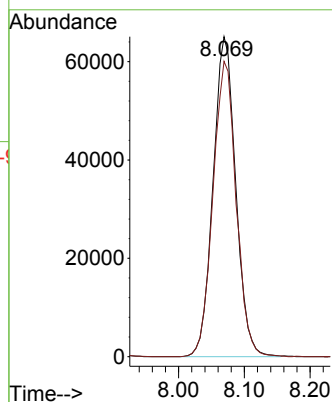
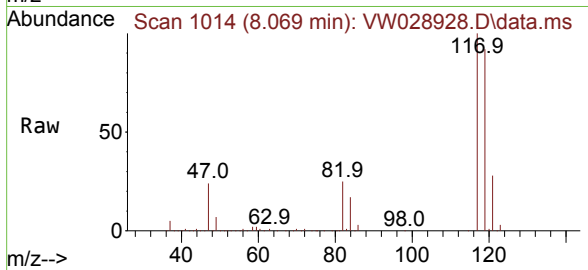




#31
Carbon tetrachloride
Concen: 27.919 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

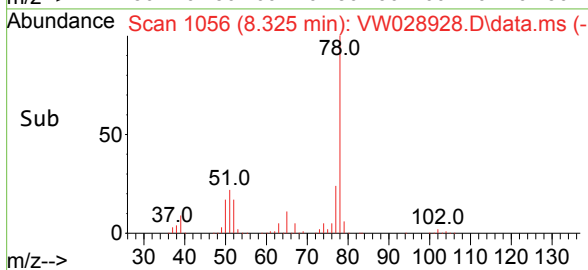
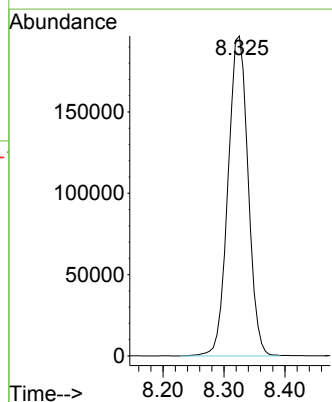
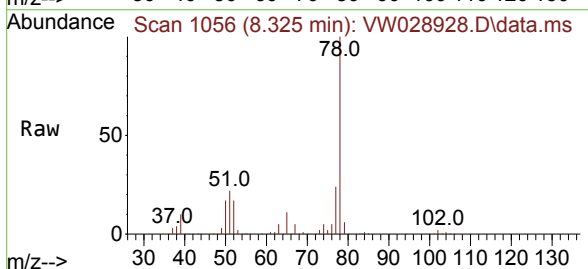
Instrument :
MSVOA_W
ClientSampleId :

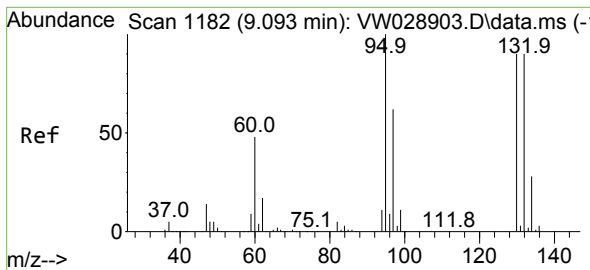
Tgt Ion:117 Resp: 156033
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8



#33
Benzene
Concen: 28.423 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

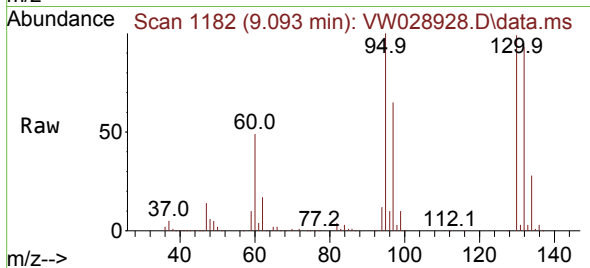
Tgt Ion: 78 Resp: 450836





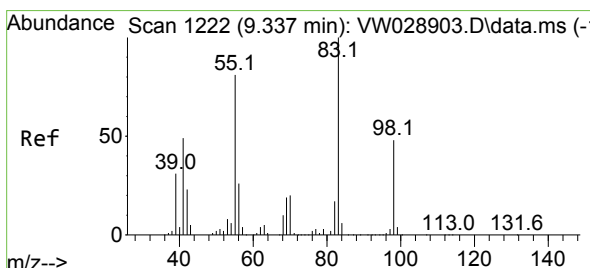
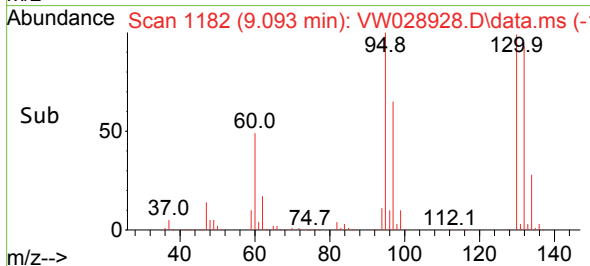
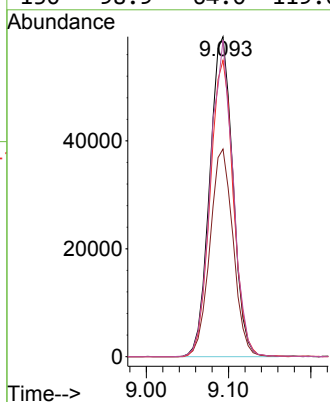
#34
 Trichloroethene
 Concen: 27.365 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: VW028928.D
 Acq: 31 May 2024 08:39

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 116377

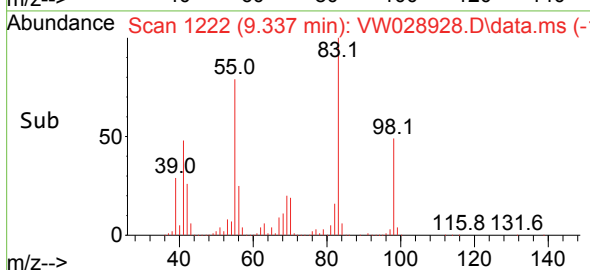
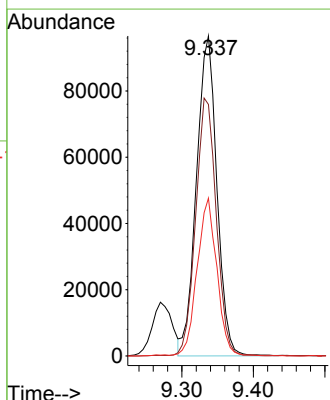
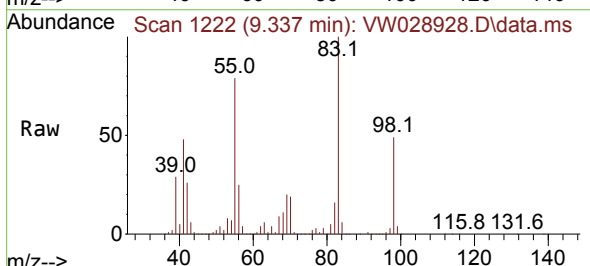
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.9	83.3
132	92.6	59.7	110.9
130	98.9	64.0	119.0

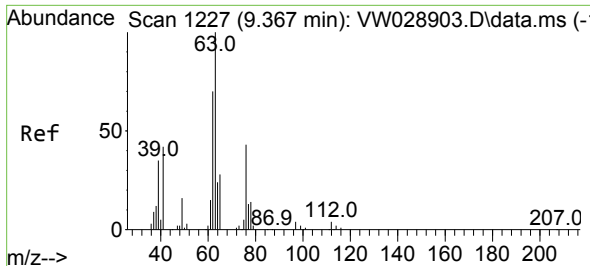


#35
 Methylcyclohexane
 Concen: 25.765 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VW028928.D
 Acq: 31 May 2024 08:39

Tgt Ion: 83 Resp: 191487

Ion	Ratio	Lower	Upper
83	100		
55	81.4	66.9	100.3
98	47.9	37.9	56.9

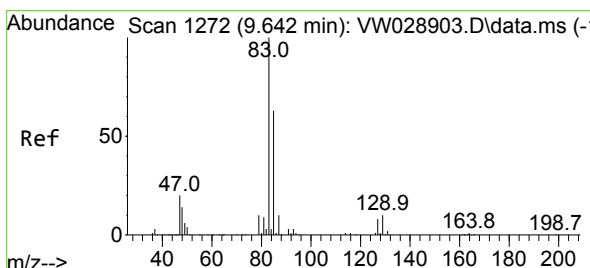
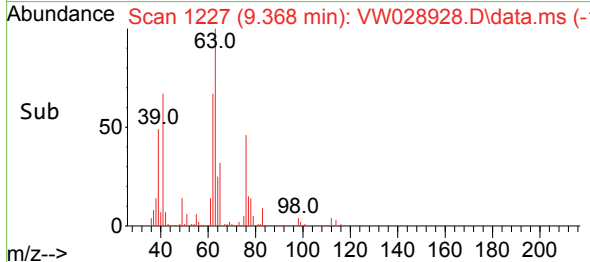
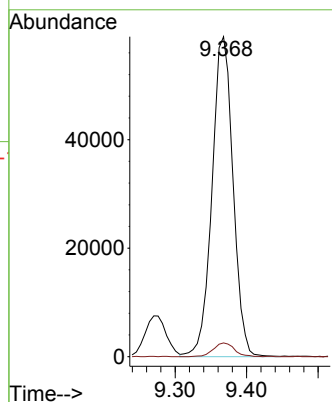
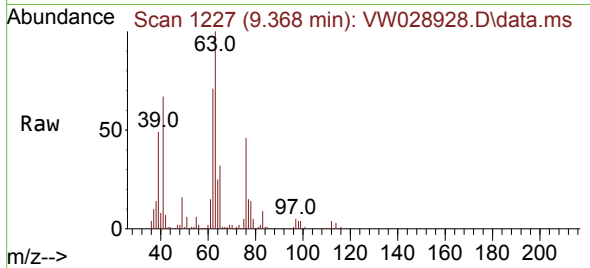




#37
1,2-Dichloropropane
Concen: 29.176 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

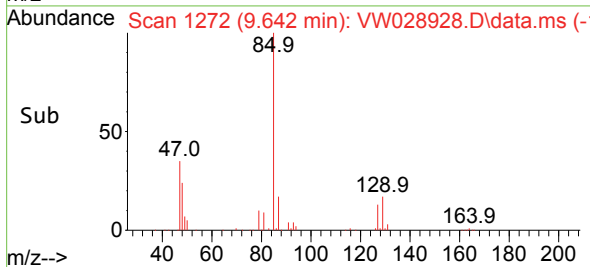
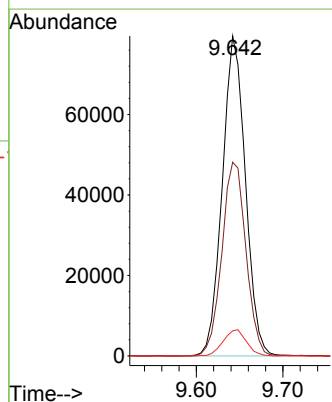
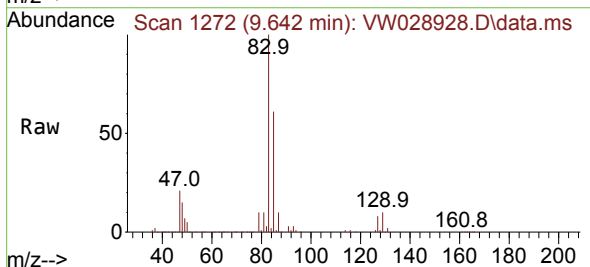
Instrument :
MSVOA_W
ClientSampleId :

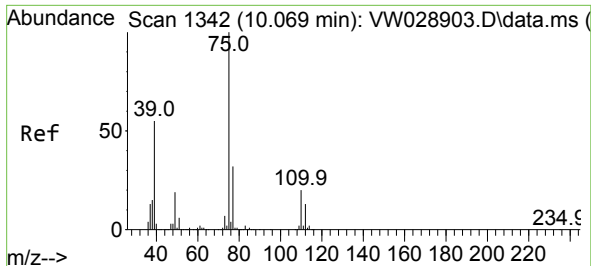
Tgt Ion: 63 Resp: 120589
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 29.244 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion: 83 Resp: 147342
Ion Ratio Lower Upper
83 100
85 60.6 43.0 80.0
127 7.9 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 29.660 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

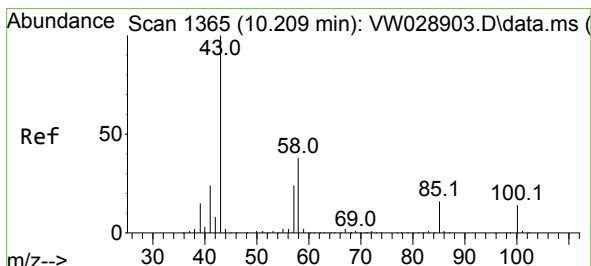
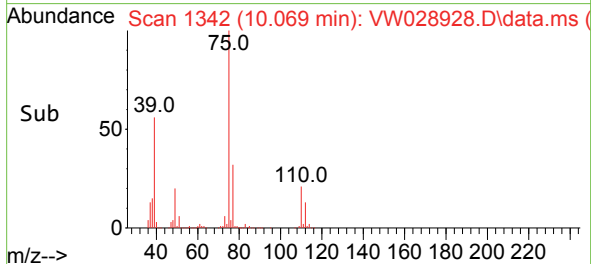
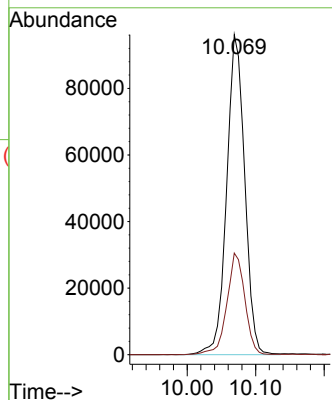
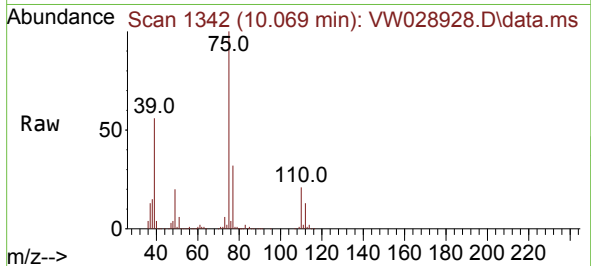
ClientSampleId :

Tgt Ion: 75 Resp: 175706

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.768 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

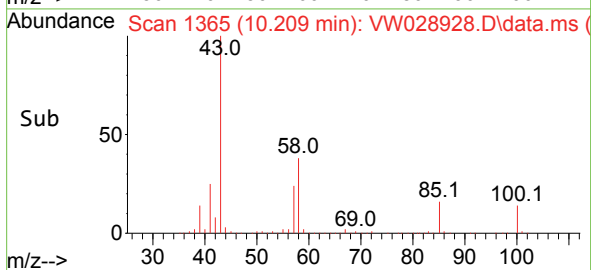
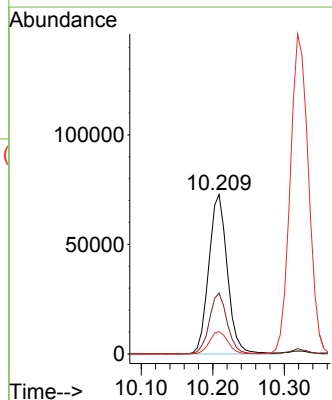
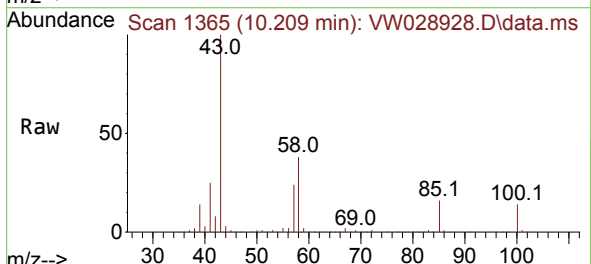
Tgt Ion: 43 Resp: 131561

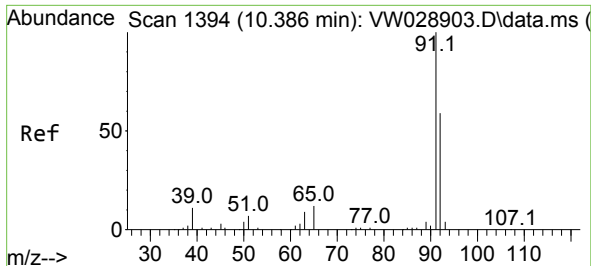
Ion Ratio Lower Upper

43 100

58 36.7 29.2 43.8

100 14.0 11.0 16.4

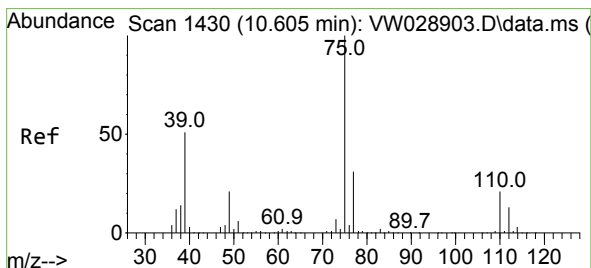
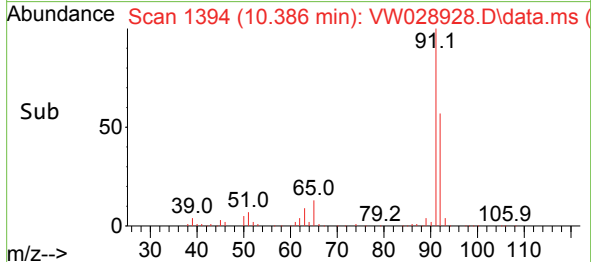
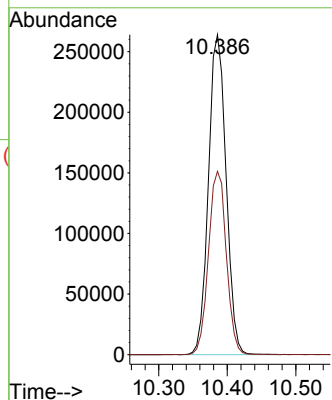
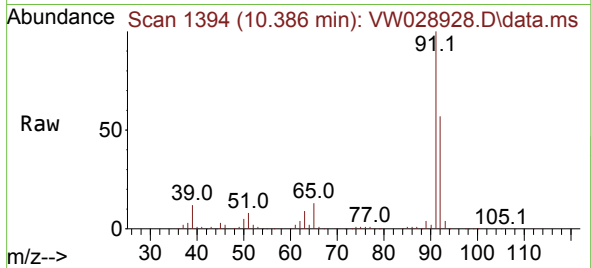




#42
Toluene
Concen: 28.804 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

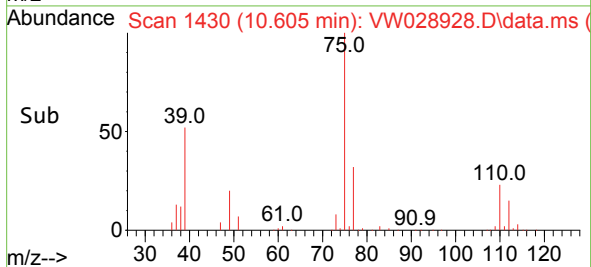
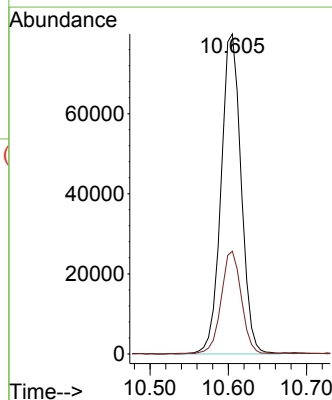
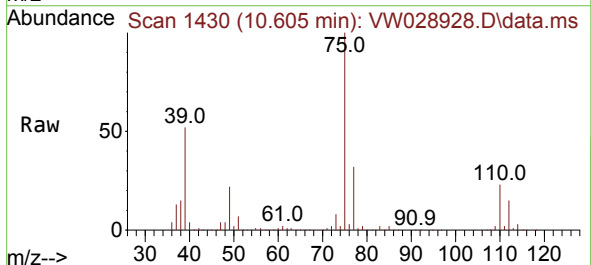
Instrument :
MSVOA_W
ClientSampleId :

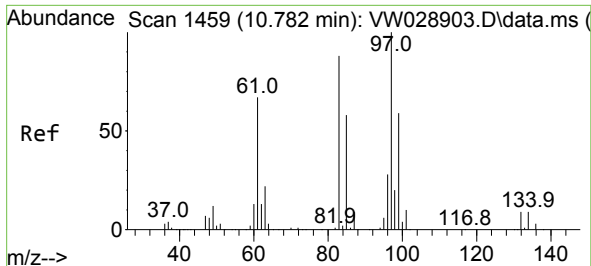
Tgt Ion: 91 Resp: 471892
Ion Ratio Lower Upper
91 100
92 57.3 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 28.543 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion: 75 Resp: 142570
Ion Ratio Lower Upper
75 100
77 32.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 27.612 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 82674

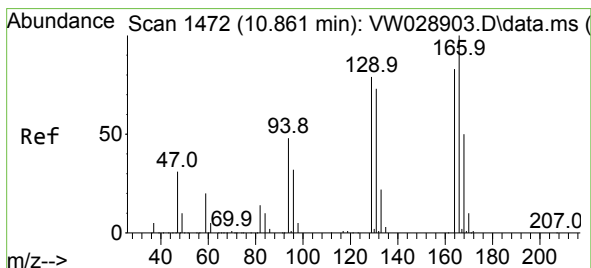
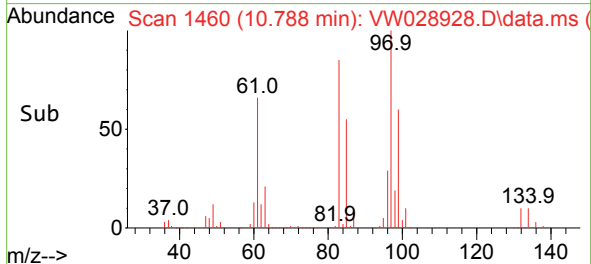
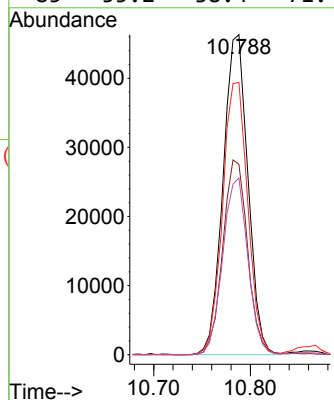
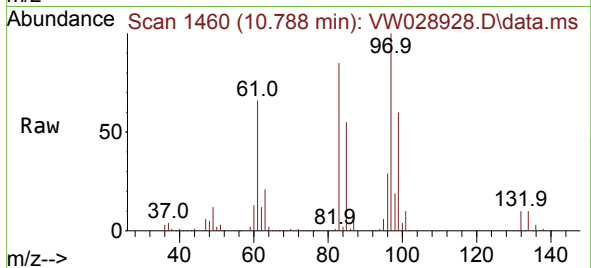
Ion Ratio Lower Upper

97 100

99 59.5 41.9 77.9

83 85.1 62.1 115.3

85 55.2 38.4 71.4



#46

Tetrachloroethene

Concen: 27.742 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

Tgt Ion:164 Resp: 85003

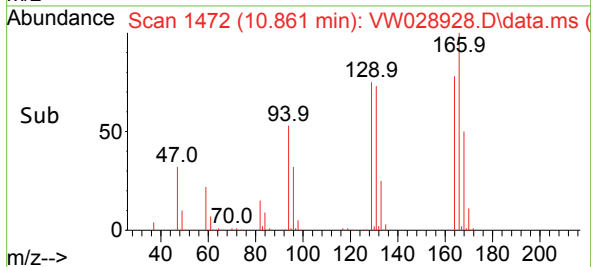
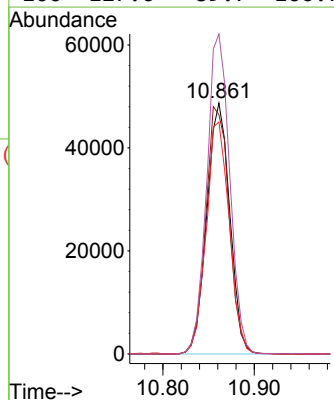
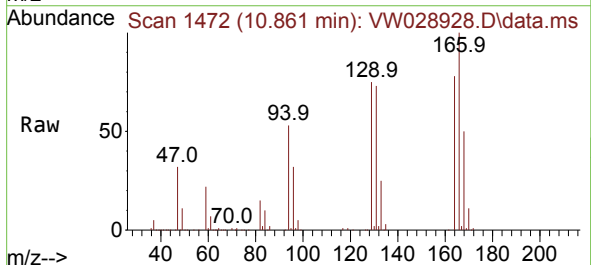
Ion Ratio Lower Upper

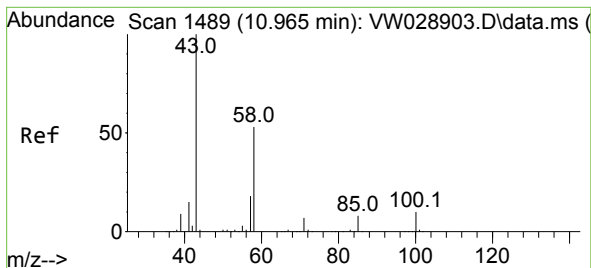
164 100

129 95.4 69.2 128.6

131 92.5 67.7 125.7

166 127.6 89.7 166.7





#48

2-Hexanone

Concen: 49.272 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 97853

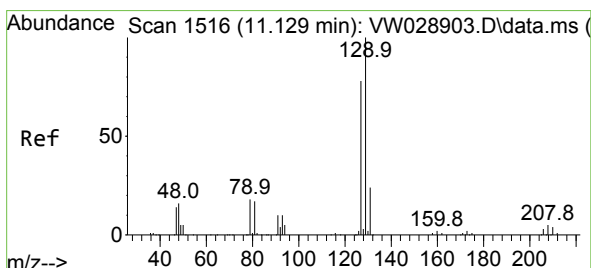
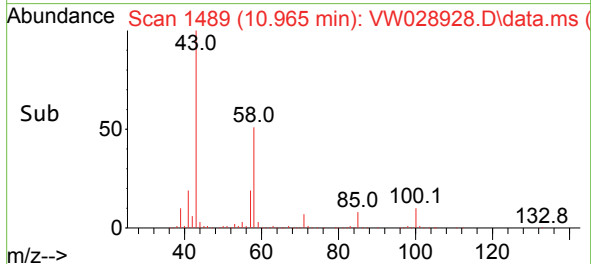
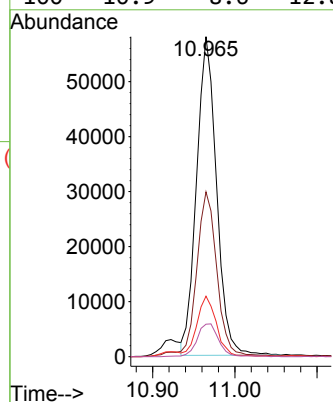
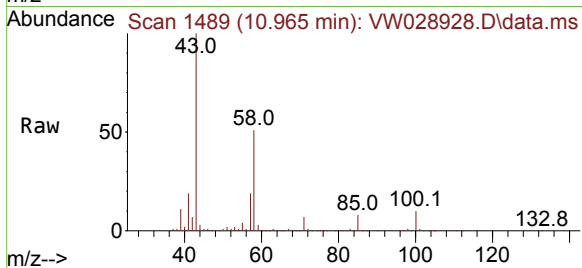
Ion Ratio Lower Upper

43 100

58 51.6 41.0 61.4

57 18.7 14.8 22.2

100 10.9 8.6 12.8



#49

Dibromochloromethane

Concen: 29.945 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW028928.D

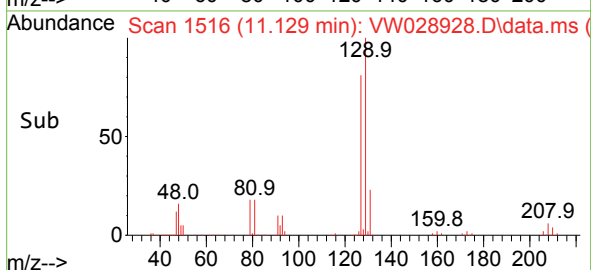
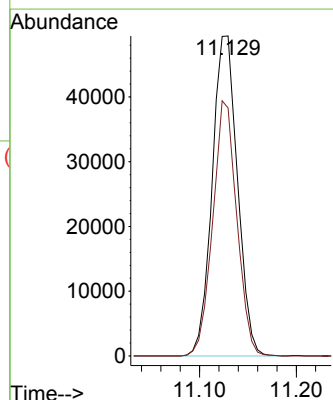
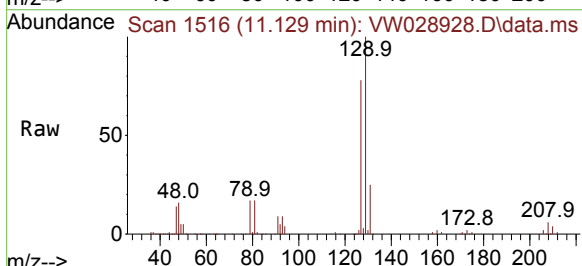
Acq: 31 May 2024 08:39

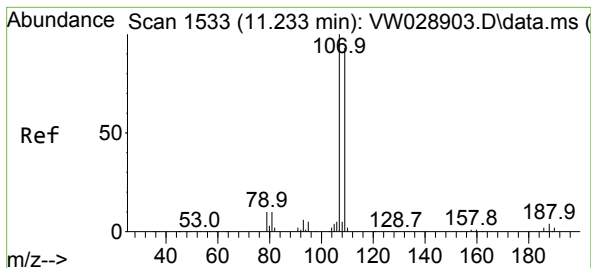
Tgt Ion:129 Resp: 89930

Ion Ratio Lower Upper

129 100

127 77.5 54.3 100.8

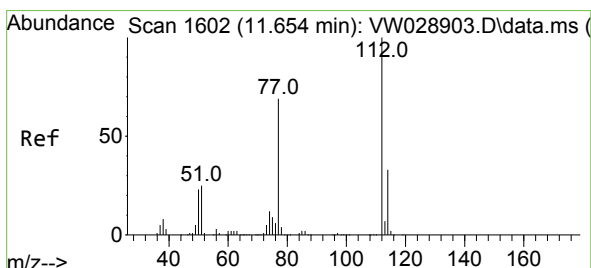
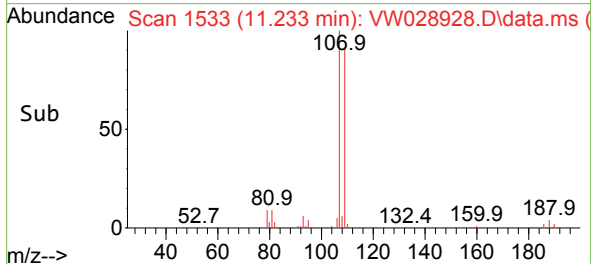
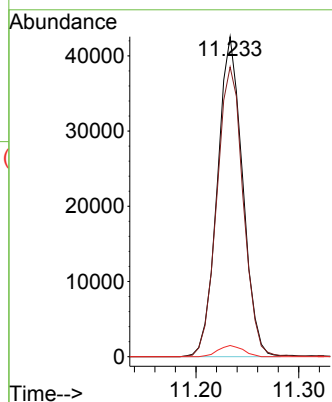
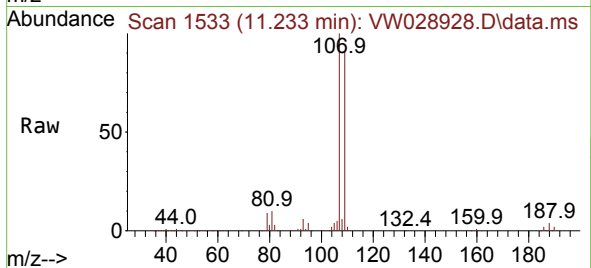




#50
1,2-Dibromoethane
Concen: 25.855 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

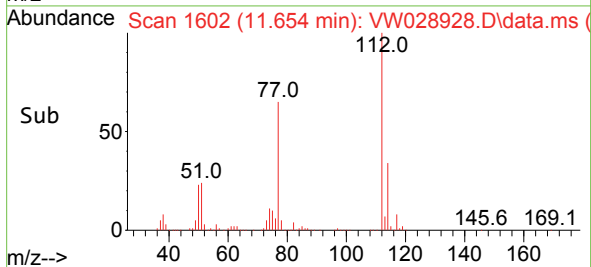
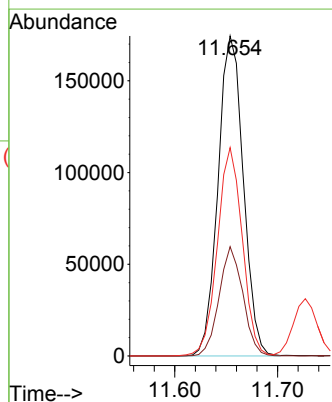
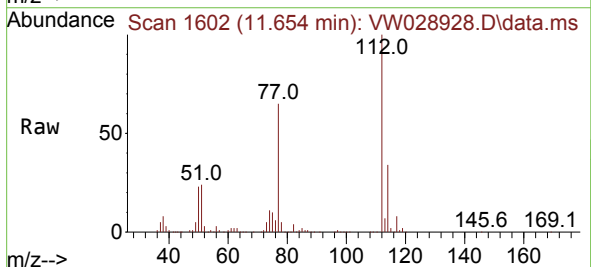
Instrument :
MSVOA_W
ClientSampleId :

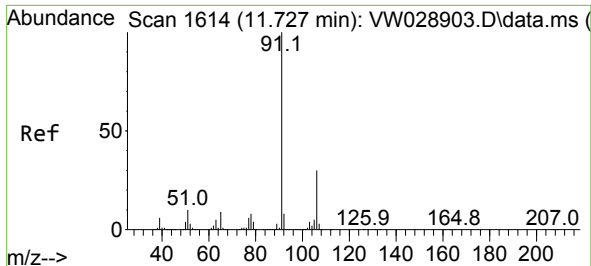
Tgt Ion:107 Resp: 72516
Ion Ratio Lower Upper
107 100
109 90.5 64.2 119.2
188 3.5 3.1 4.7



#51
Chlorobenzene
Concen: 29.400 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion:112 Resp: 297940
Ion Ratio Lower Upper
112 100
114 34.1 22.2 41.2
77 65.1 50.8 76.2

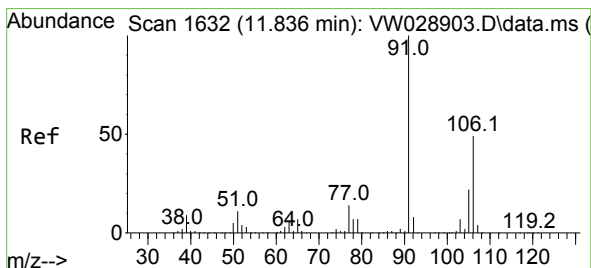
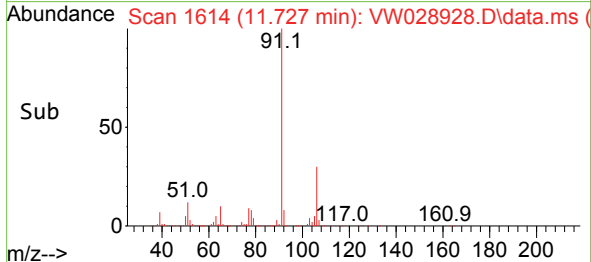
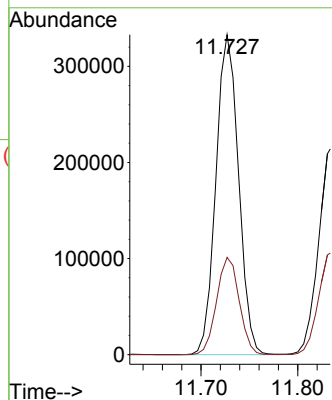
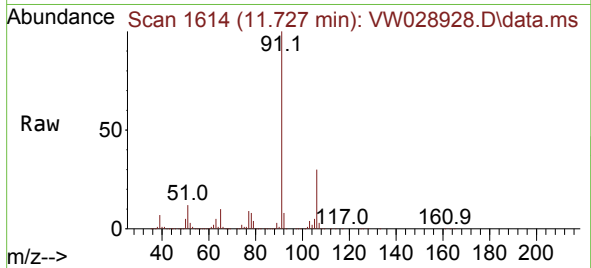




#52
Ethylbenzene
Concen: 29.168 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

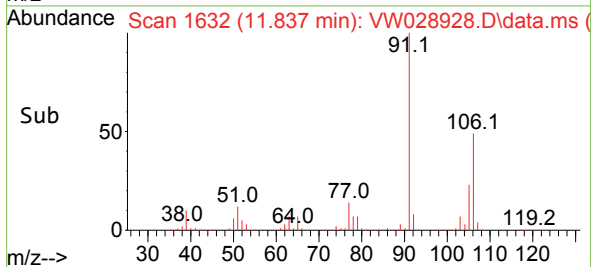
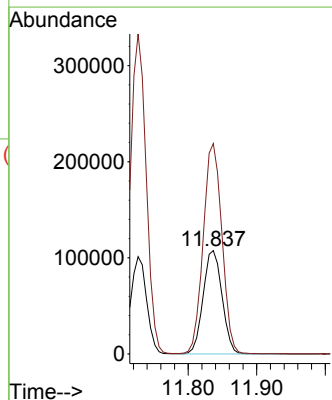
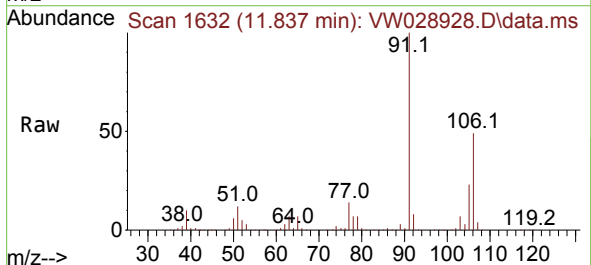
Instrument :
MSVOA_W
ClientSampleId :

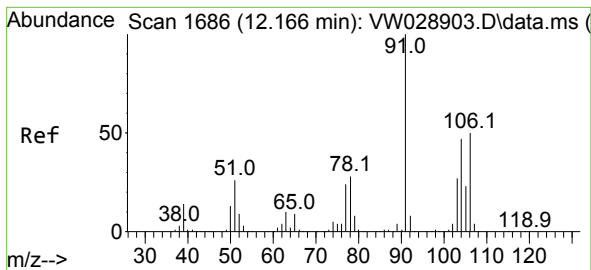
Tgt Ion: 91 Resp: 540780
Ion Ratio Lower Upper
91 100
106 30.4 22.7 42.1



#53
m,p-Xylene
Concen: 30.405 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion:106 Resp: 206637
Ion Ratio Lower Upper
106 100
91 203.4 146.6 272.2

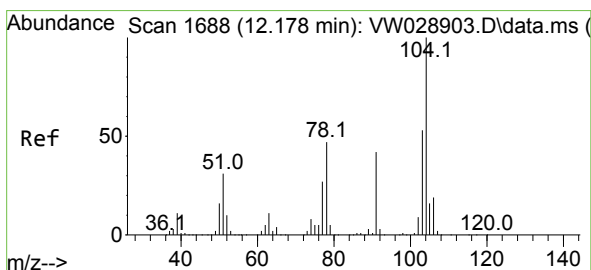
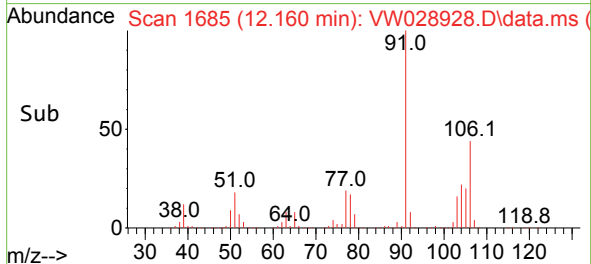
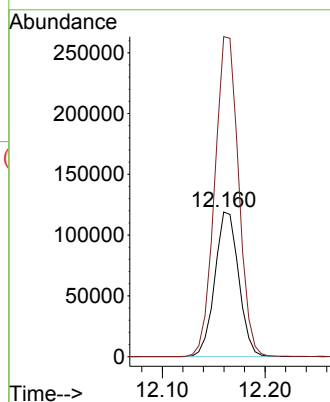
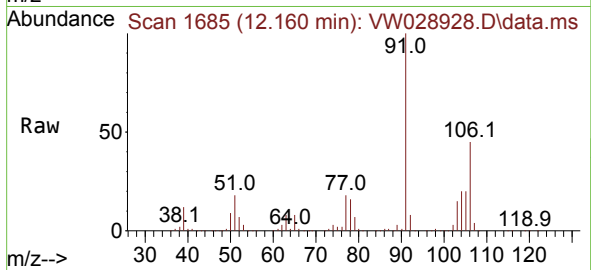




#54
o-Xylene
Concen: 30.492 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

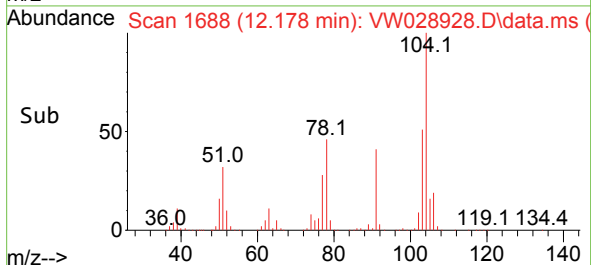
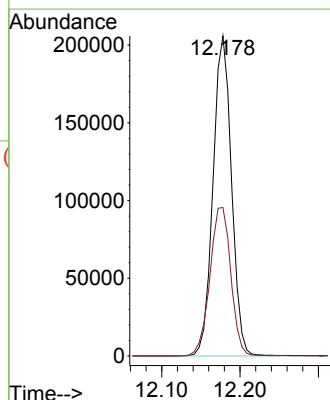
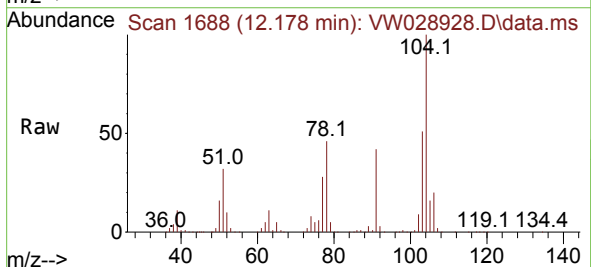
Instrument :
MSVOA_W
ClientSampleId :

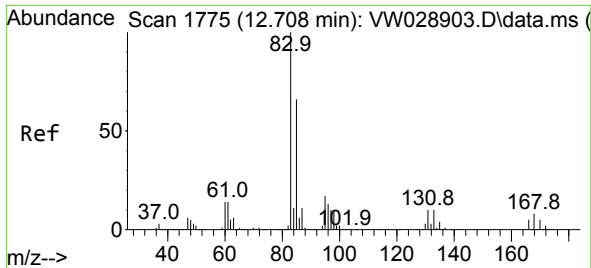
Tgt Ion:106 Resp: 191706
Ion Ratio Lower Upper
106 100
91 221.2 154.3 286.5



#55
Styrene
Concen: 31.655 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion:104 Resp: 337229
Ion Ratio Lower Upper
104 100
78 46.4 34.1 63.3

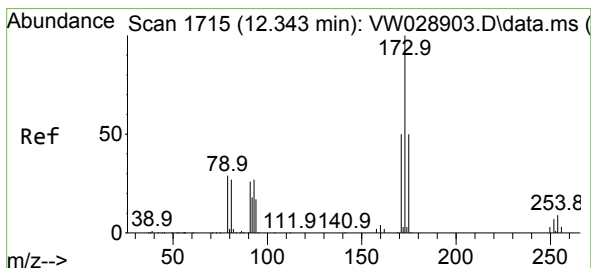
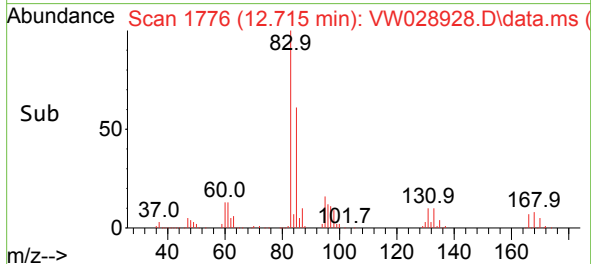
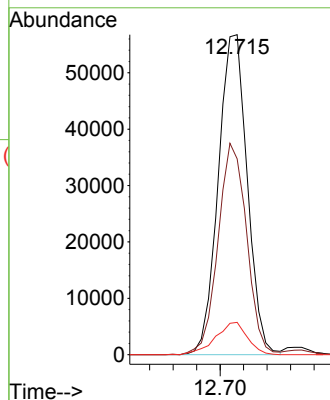
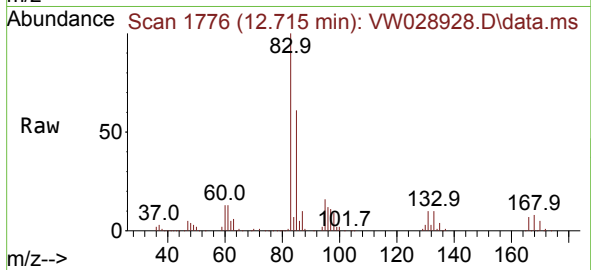




#57
1,1,2,2-Tetrachloroethane
Concen: 25.882 ug/L
RT: 12.715 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

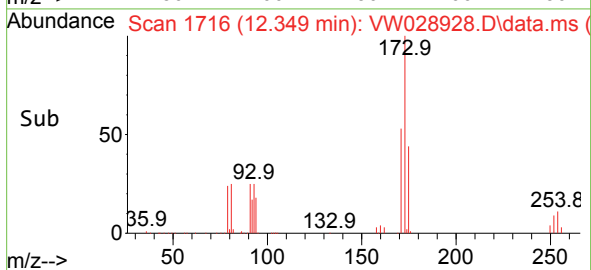
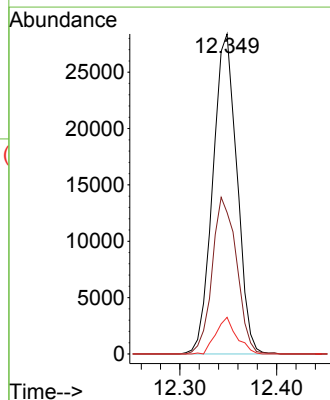
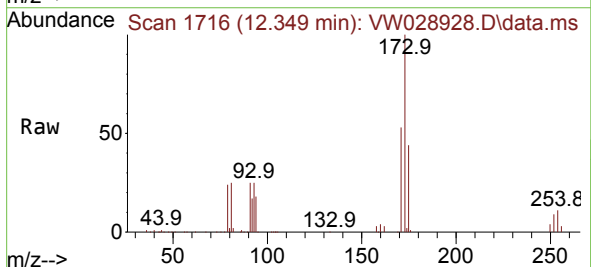
Instrument :
MSVOA_W
ClientSampleId :

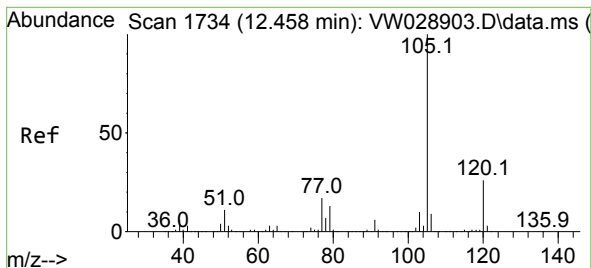
Tgt Ion: 83 Resp: 97227
Ion Ratio Lower Upper
83 100
85 61.2 45.6 84.6
131 10.1 7.3 10.9



#59
Bromoform
Concen: 25.641 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion: 173 Resp: 49182
Ion Ratio Lower Upper
173 100
175 49.6 39.8 59.8
254 9.8 7.1 10.7





#60

Isopropylbenzene

Concen: 27.723 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

ClientSampleId :

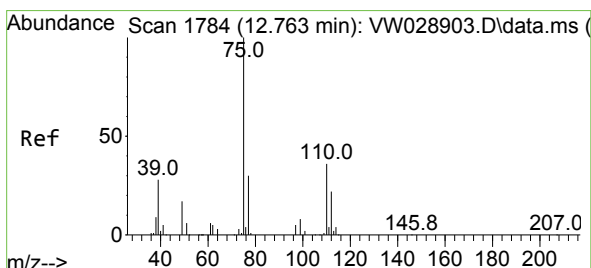
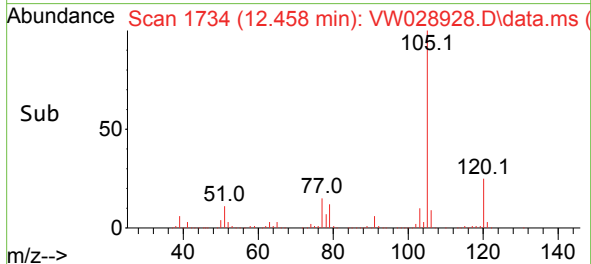
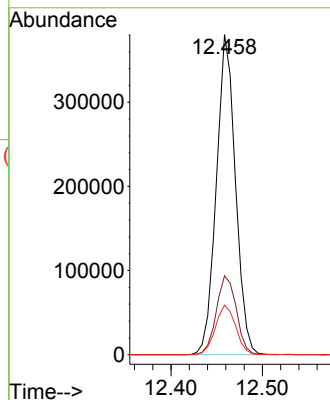
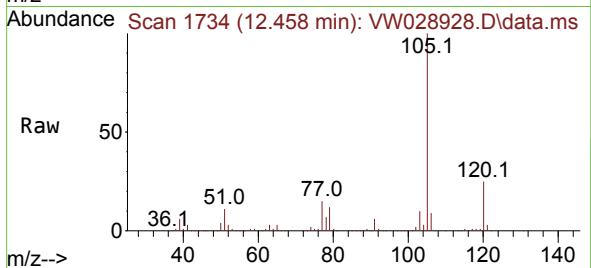
Tgt Ion:105 Resp: 552977

Ion Ratio Lower Upper

105 100

120 25.8 20.5 30.7

77 16.4 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.093 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

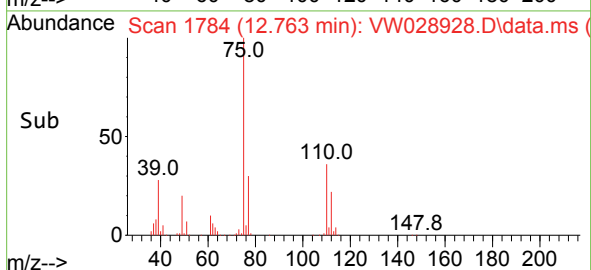
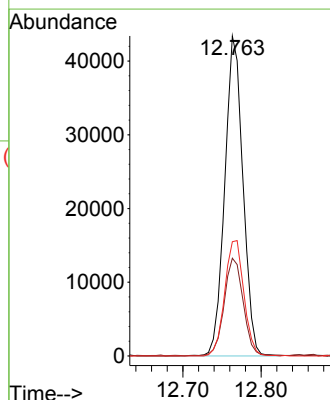
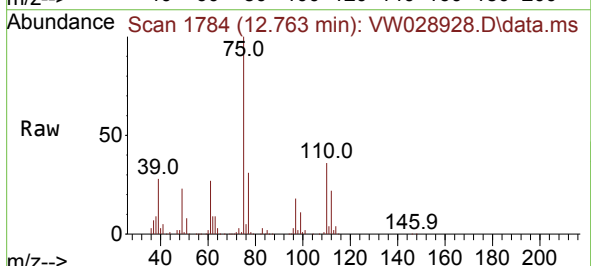
Tgt Ion: 75 Resp: 70198

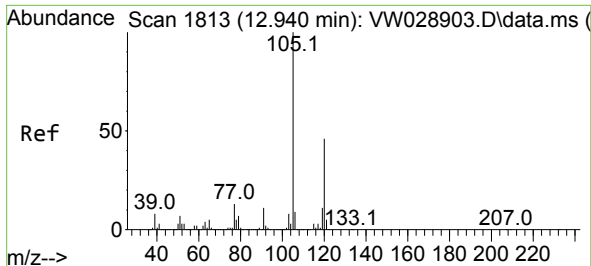
Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9

110 38.0 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 28.700 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

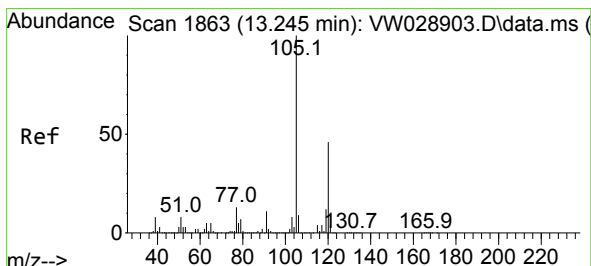
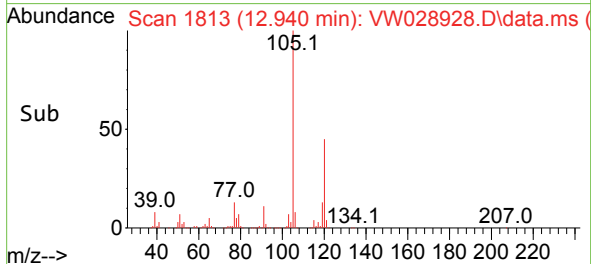
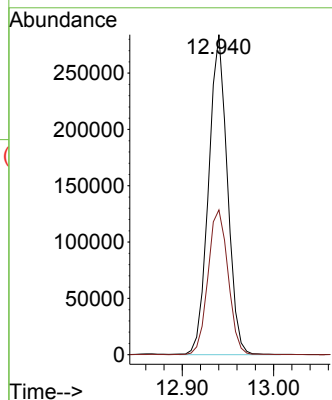
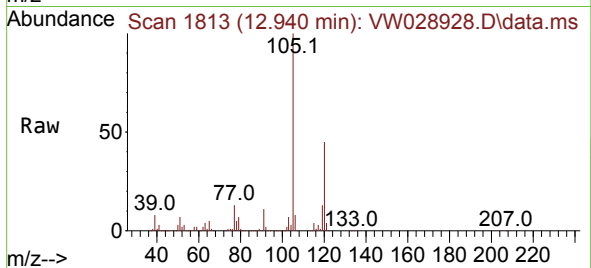
ClientSampleId :

Tgt Ion:105 Resp: 405026

Ion Ratio Lower Upper

105 100

120 48.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 29.032 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028928.D

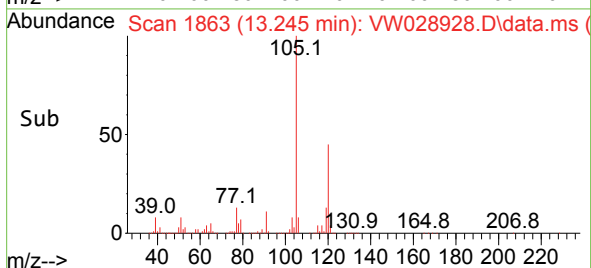
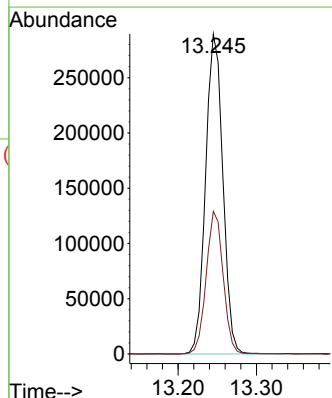
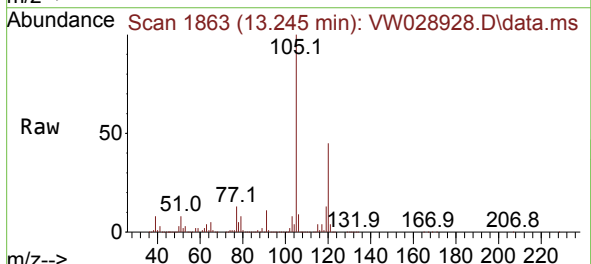
Acq: 31 May 2024 08:39

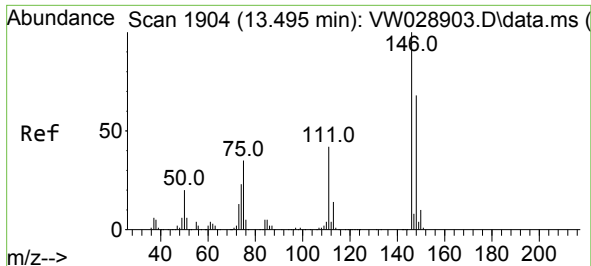
Tgt Ion:105 Resp: 441461

Ion Ratio Lower Upper

105 100

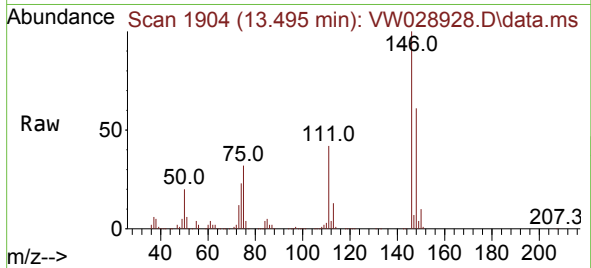
120 43.9 34.1 51.1



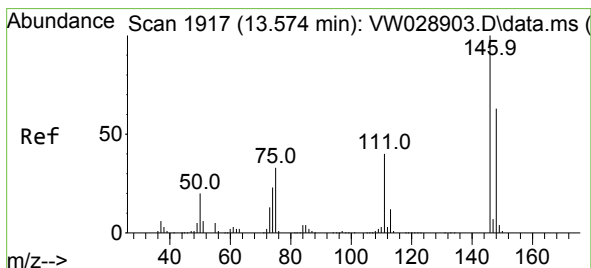
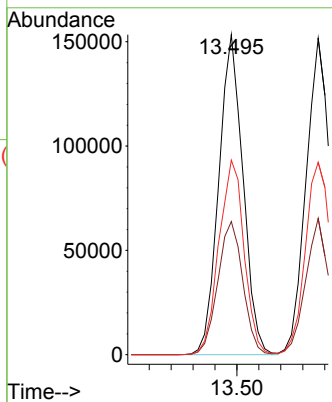
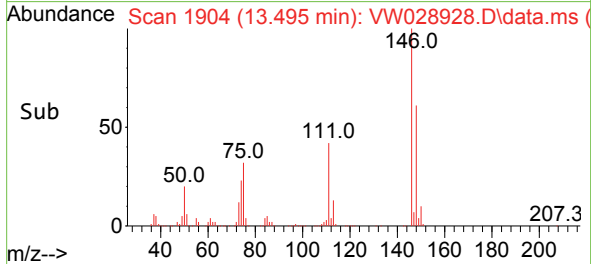


#64
1,3-Dichlorobenzene
Concen: 28.410 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

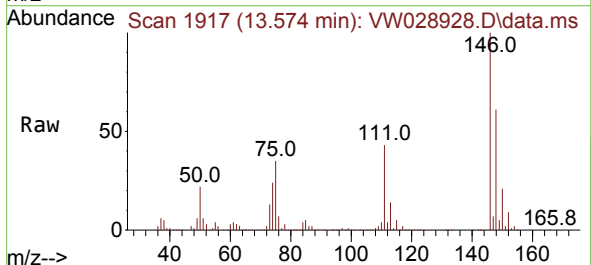
Instrument :
MSVOA_W
ClientSampleId :



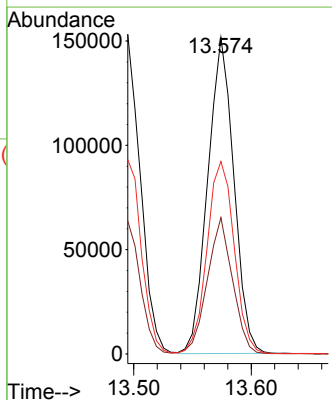
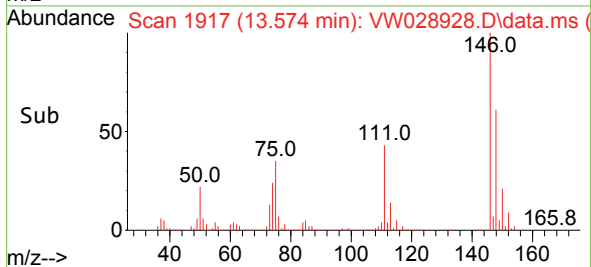
Tgt Ion:146 Resp: 235741
Ion Ratio Lower Upper
146 100
111 41.6 30.7 57.1
148 60.8 47.0 87.2

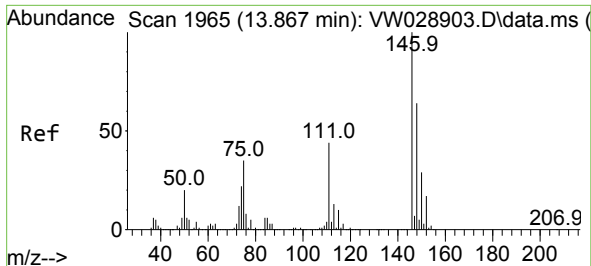


#65
1,4-Dichlorobenzene
Concen: 27.603 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39



Tgt Ion:146 Resp: 234163
Ion Ratio Lower Upper
146 100
111 43.1 29.1 54.1
148 60.8 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 27.914 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

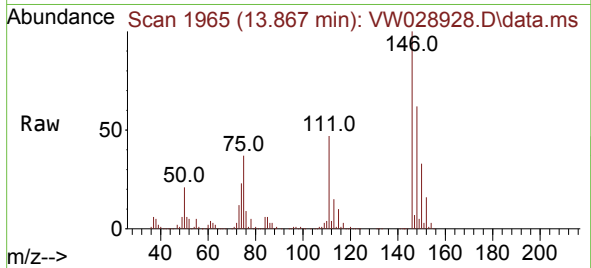
Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

ClientSampleId :



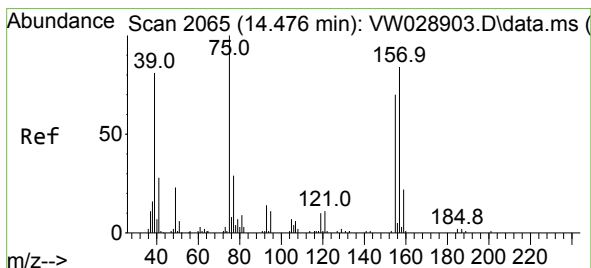
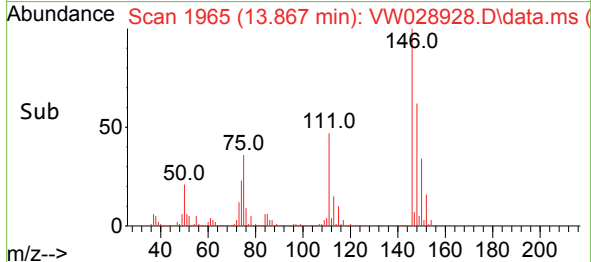
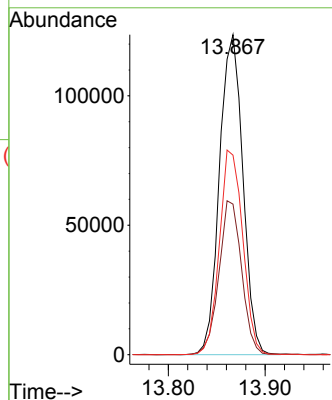
Tgt Ion:146 Resp: 207310

Ion Ratio Lower Upper

146 100

111 47.0 34.7 52.1

148 62.3 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.364 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

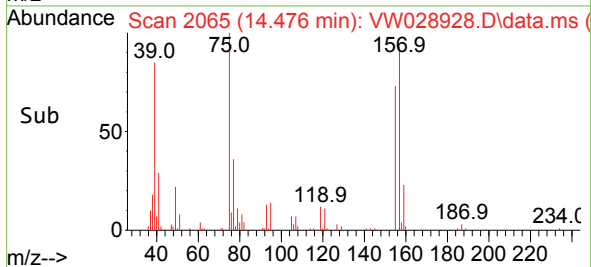
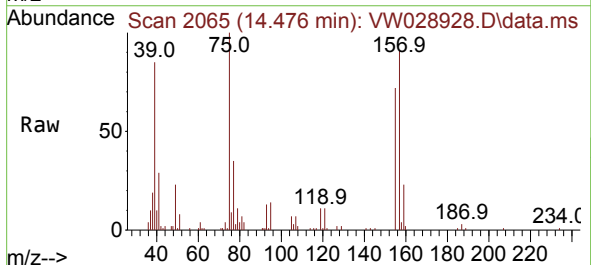
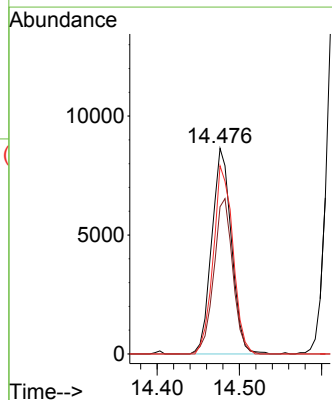
Tgt Ion: 75 Resp: 14385

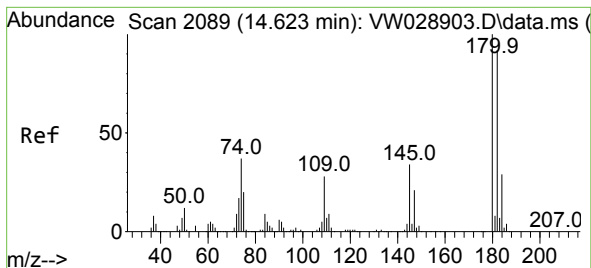
Ion Ratio Lower Upper

75 100

155 71.6 55.1 82.7

157 91.5 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 30.169 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

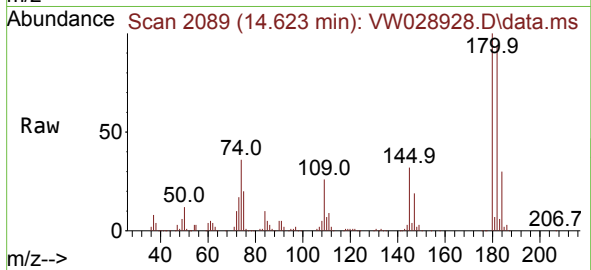
Lab File: VW028928.D

Acq: 31 May 2024 08:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 167985

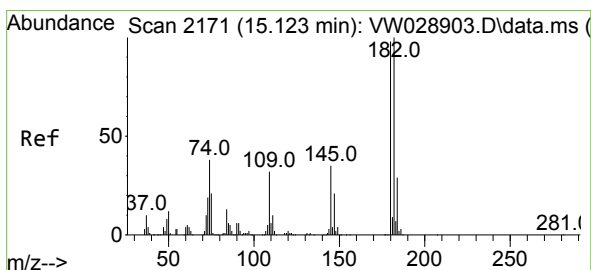
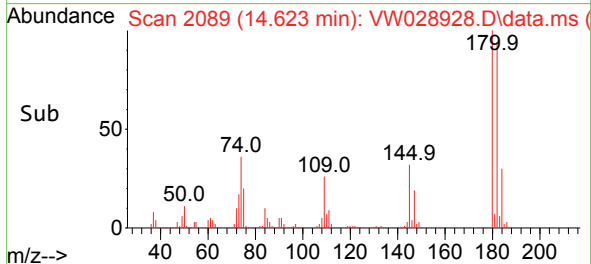
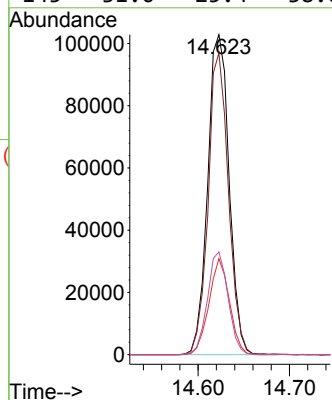
Ion Ratio Lower Upper

180 100

182 89.1 75.4 113.2

184 28.7 24.0 36.0

145 31.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 29.317 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028928.D

Acq: 31 May 2024 08:39

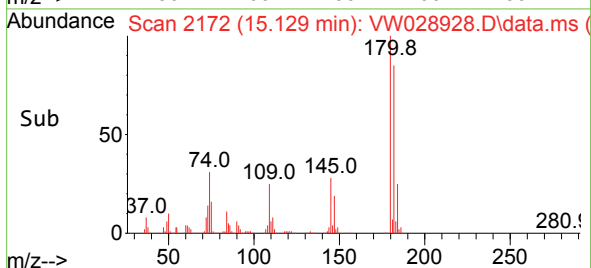
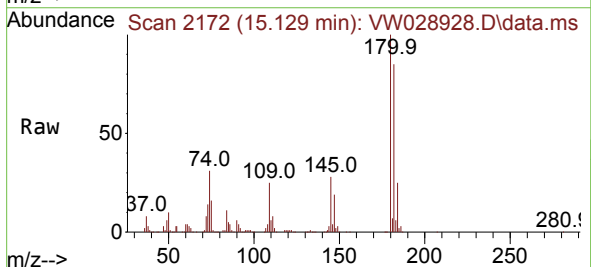
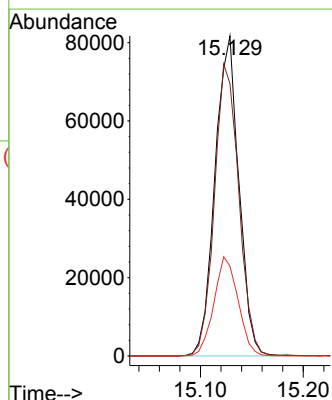
Tgt Ion:180 Resp: 131898

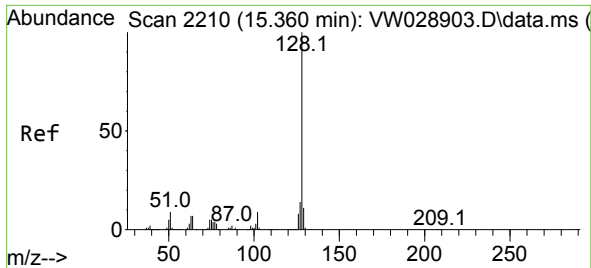
Ion Ratio Lower Upper

180 100

182 93.4 77.2 115.8

145 31.4 26.6 39.8

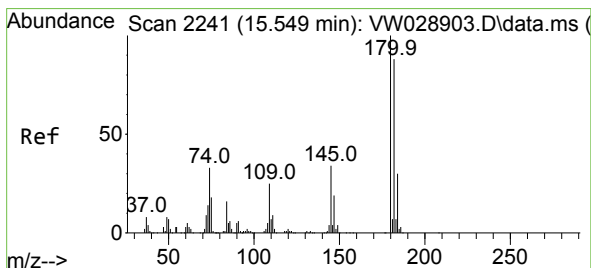
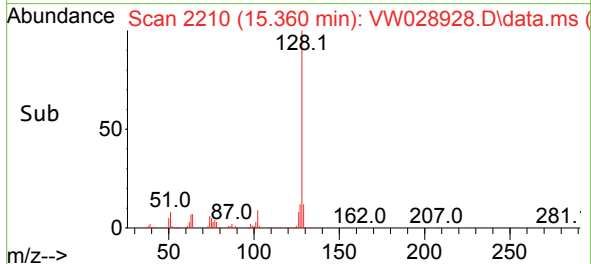
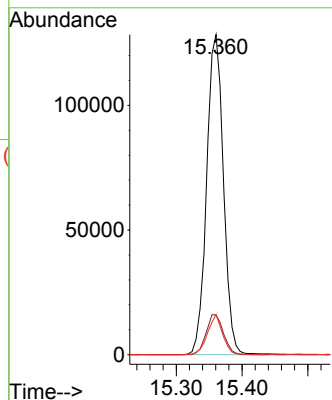
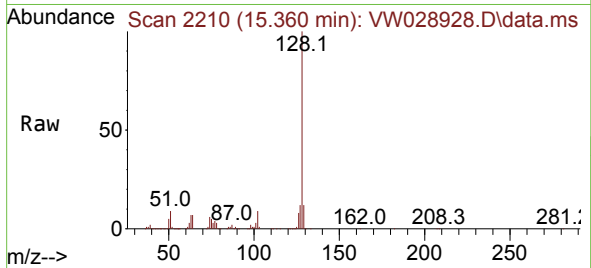




#71
Naphthalene
Concen: 23.827 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 228394
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.2 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 27.578 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW028928.D
Acq: 31 May 2024 08:39

Tgt Ion:180 Resp: 111959
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 34.4 28.3 42.5

