

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071724\
 Data File : VW029621.D
 Acq On : 17 Jul 2024 17:31
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.28g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 18 02:23:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 18 02:17:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	244747	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71632	18.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.480%
7) Chloroethane-d5	2.893	69	59281	20.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.280%
11) 1,1-Dichloroethene-d2	4.021	65	36332	20.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.840%
21) 2-Butanone-d5	7.075	46	53162	44.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.580%
24) Chloroform-d	7.648	84	171058	24.176	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	8.301	65	98655	23.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.080%
32) Benzene-d6	8.270	84	317068	23.393	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.560%
36) 1,2-Dichloropropane-d6	9.270	67	103453	23.872	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.480%
41) Toluene-d8	10.325	98	279692	23.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.575	79	39802	21.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.760%
47) 2-Hexanone-d5	10.922	63	37686	47.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83150	23.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	88588	22.928	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	44038	18.375	ug/L	89
3) Chloromethane	2.223	50	66308	20.679	ug/L	95
5) Vinyl chloride	2.375	62	82830	22.636	ug/L	94
6) Bromomethane	2.790	94	50460	23.289	ug/L	91
8) Chloroethane	2.930	64	55929	24.839	ug/L	99
9) Trichlorofluoromethane	3.265	101	75385	22.886	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79119	24.407	ug/L	97
12) 1,1-Dichloroethene	4.039	96	73951	24.297	ug/L	90
13) Acetone	4.119	43	56964	47.553	ug/L	99
14) Carbon disulfide	4.393	76	209345	21.179	ug/L	99
15) Methyl Acetate	4.667	43	50975	24.237	ug/L	99
16) Methylene chloride	4.917	84	117557	26.829	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	84392	25.047	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	152975	26.684	ug/L	99
19) 1,1-Dichloroethane	6.216	63	187331	27.073	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	97078	26.348	ug/L	95
22) 2-Butanone	7.167	43	73835	46.950	ug/L	98
23) Bromochloromethane	7.520	128	41523	25.055	ug/L	85
25) Chloroform	7.673	83	187696	28.035	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Thu Jul 18 02:17:40 2024
 Response via : Initial Calibration

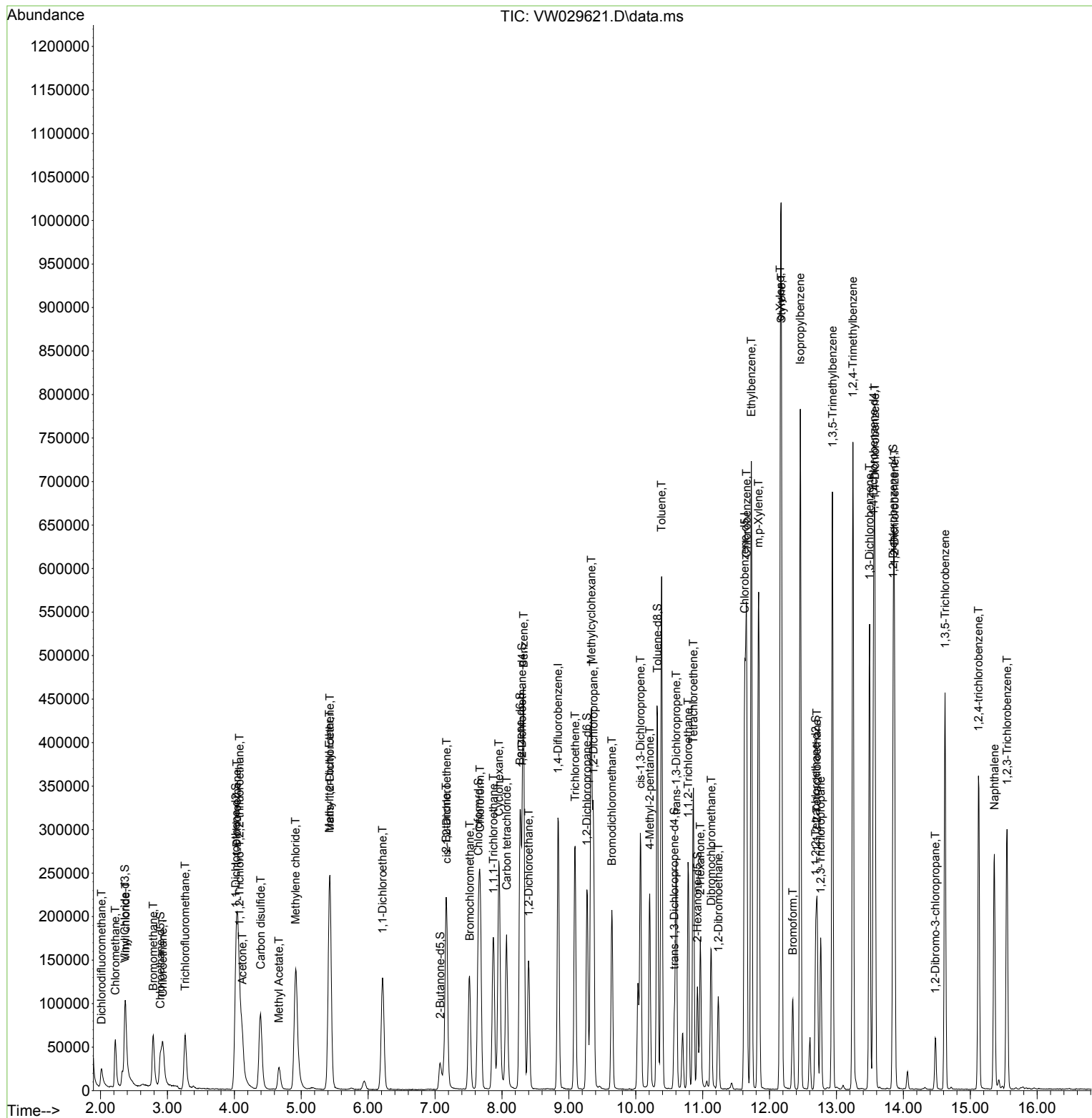
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136231	27.129	ug/L	98
29) Cyclohexane	7.953	56	147678	26.212	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	141194	27.328	ug/L	98
31) Carbon tetrachloride	8.069	117	126408	26.715	ug/L	98
33) Benzene	8.325	78	382631	27.029	ug/L	100
34) Trichloroethene	9.093	95	97647	26.121	ug/L	93
35) Methylcyclohexane	9.337	83	164505	27.378	ug/L	99
37) 1,2-Dichloropropane	9.368	63	111013	28.359	ug/L	100
38) Bromodichloromethane	9.642	83	132673	27.747	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	164594	27.994	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	153459	55.624	ug/L	98
42) Toluene	10.386	91	407931	28.168	ug/L	88
44) trans-1,3-Dichloropropene	10.605	75	138254	27.435	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	76291	27.099	ug/L	95
46) Tetrachloroethene	10.861	164	71782	27.028	ug/L	89
48) 2-Hexanone	10.965	43	113027	54.533	ug/L	99
49) Dibromochloromethane	11.130	129	81375	27.774	ug/L	100
50) 1,2-Dibromoethane	11.233	107	69321	25.838	ug/L	95
51) Chlorobenzene	11.654	112	252030	26.921	ug/L	97
52) Ethylbenzene	11.727	91	474632	28.927	ug/L	96
53) m,p-Xylene	11.837	106	172870	28.700	ug/L	94
54) o-Xylene	12.160	106	162835	29.229	ug/L	99
55) Styrene	12.178	104	286420	29.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	94144	26.510	ug/L	97
59) Bromoform	12.349	173	42766	24.972	ug/L	99
60) Isopropylbenzene	12.459	105	471183	30.184	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	70401	26.220	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	341794	30.782	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	372898	30.428	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	192512	27.513	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	193367	26.975	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	174449	27.581	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	15508	24.160	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	119426	26.164	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	100346	24.984	ug/L	97
71) Naphthalene	15.360	128	216555	25.689	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	89027	24.397	ug/L	94

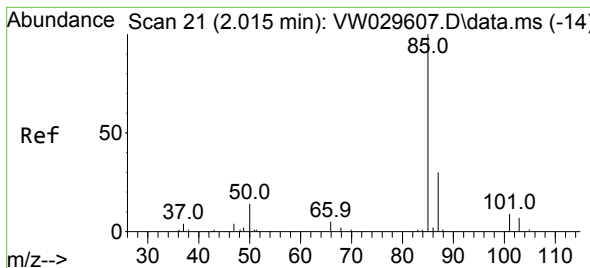
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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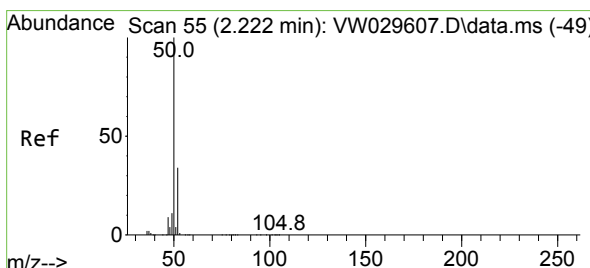
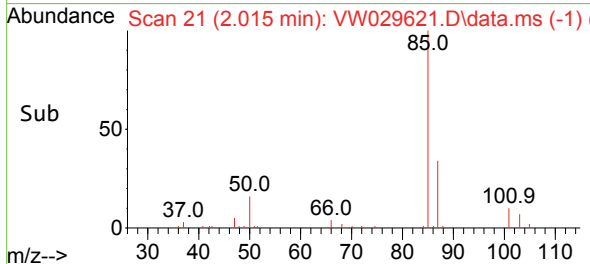
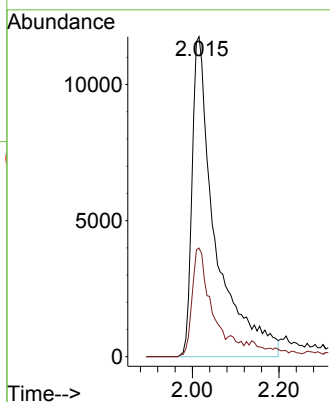
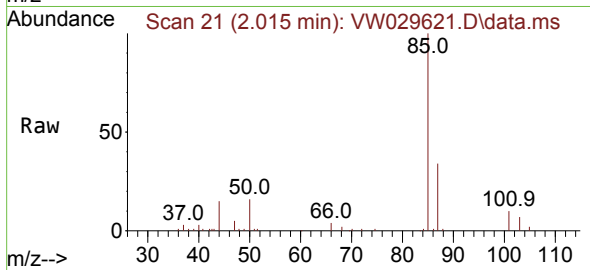




#2
 Dichlorodifluoromethane
 Concen: 18.375 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029621.D
 Acq: 17 Jul 2024 17:31

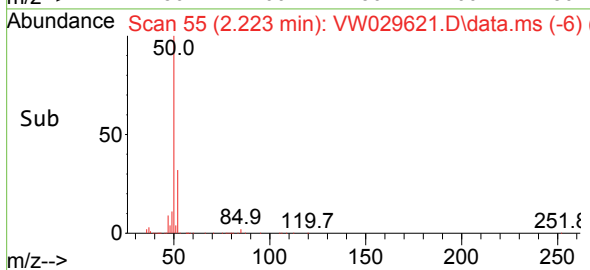
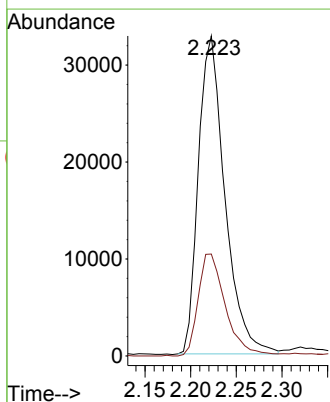
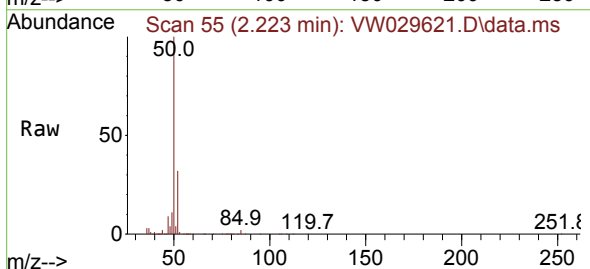
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 MSVOA_W
 ClientSampleId :

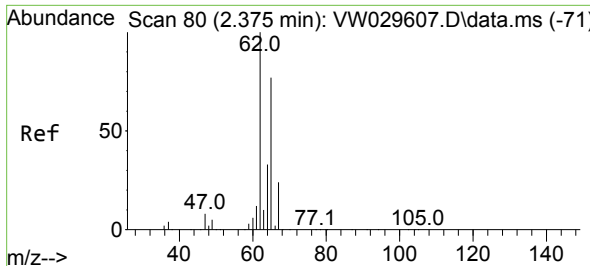
Tgt Ion: 85 Resp: 44038
 Ion Ratio Lower Upper
 85 100
 87 26.4 26.1 39.1



#3
 Chloromethane
 Concen: 20.679 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029621.D
 Acq: 17 Jul 2024 17:31

Tgt Ion: 50 Resp: 66308
 Ion Ratio Lower Upper
 50 100
 52 31.9 24.4 45.2

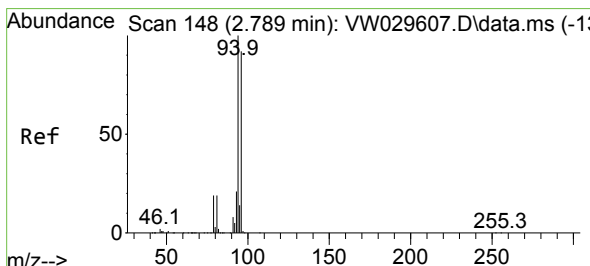
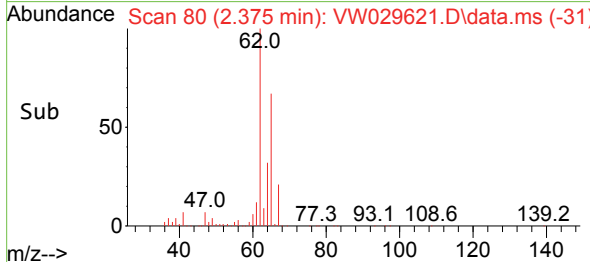
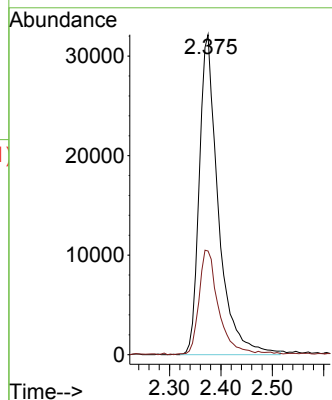
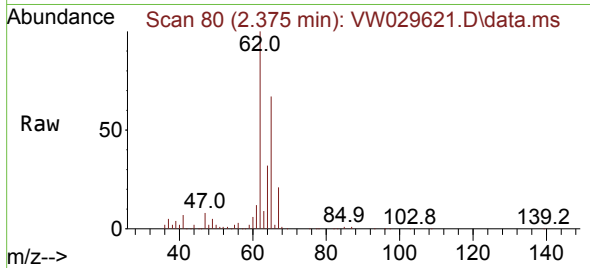




#5
 Vinyl chloride
 Concen: 22.636 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029621.D
 Acq: 17 Jul 2024 17:31

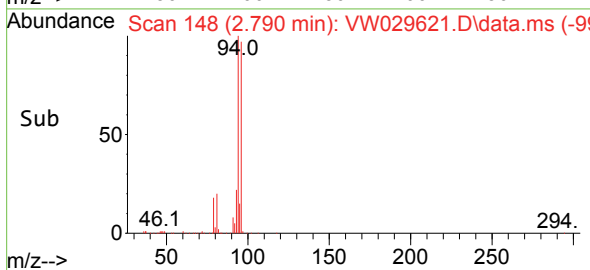
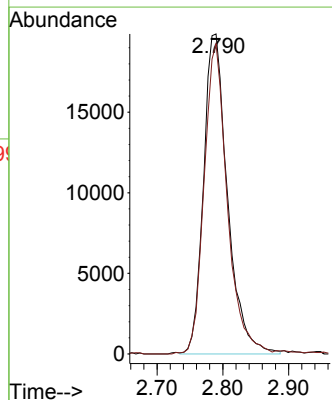
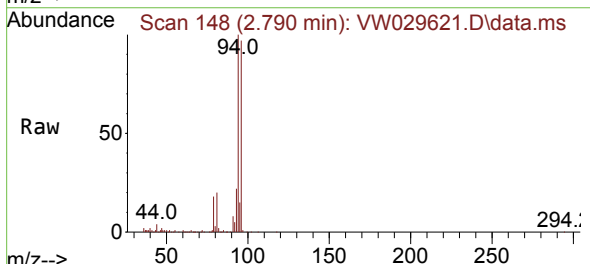
Instrument :
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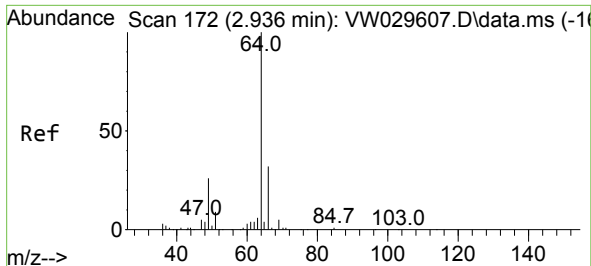
Tgt Ion: 62 Resp: 82830
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.1 46.5



#6
 Bromomethane
 Concen: 23.289 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029621.D
 Acq: 17 Jul 2024 17:31

Tgt Ion: 94 Resp: 50460
 Ion Ratio Lower Upper
 94 100
 96 96.9 61.7 114.7

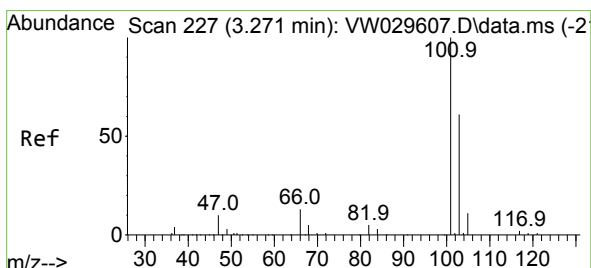
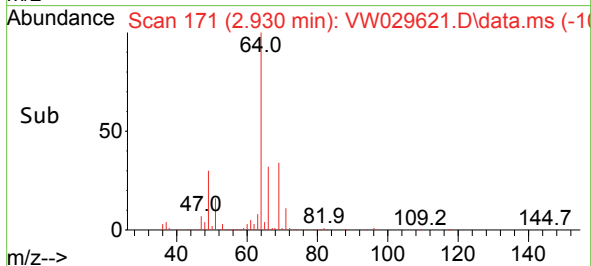
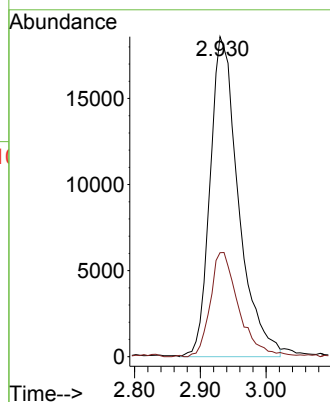
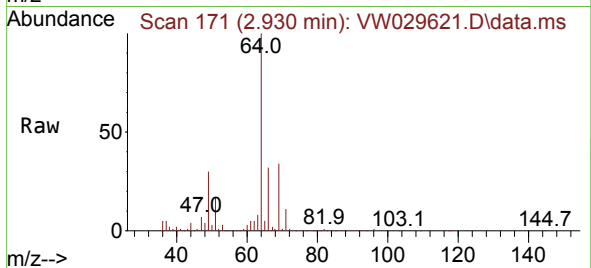




#8
Chloroethane
Concen: 24.839 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

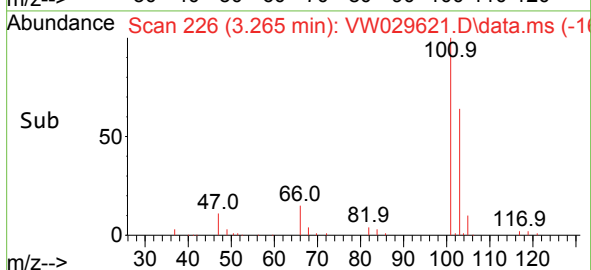
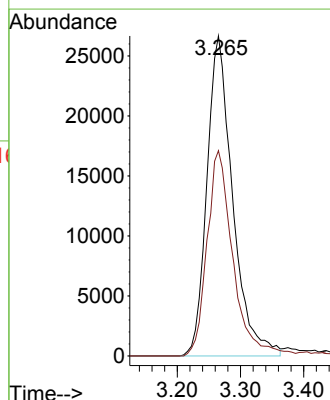
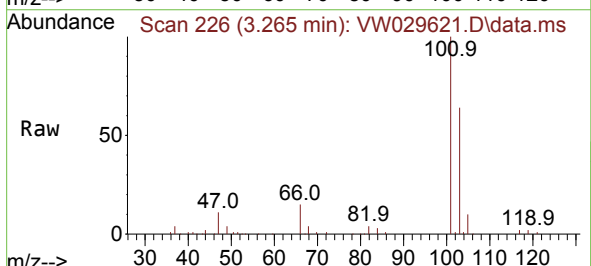
Instrument :
MSVOA_W
ClientSampleId :

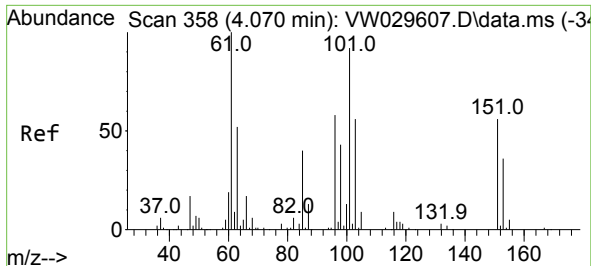
Tgt Ion: 64 Resp: 55929
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 22.886 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion: 101 Resp: 75385
Ion Ratio Lower Upper
101 100
103 62.6 49.6 74.4

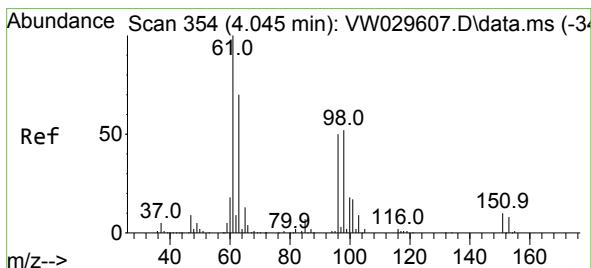
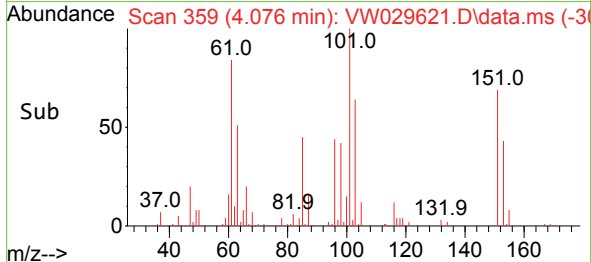
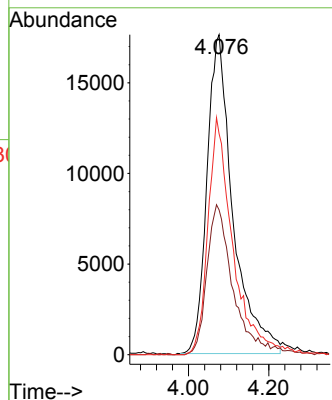
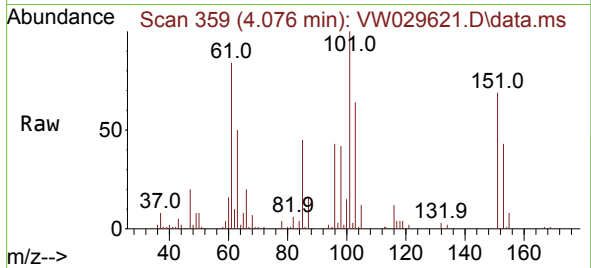




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.407 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029621.D
 Acq: 17 Jul 2024 17:31

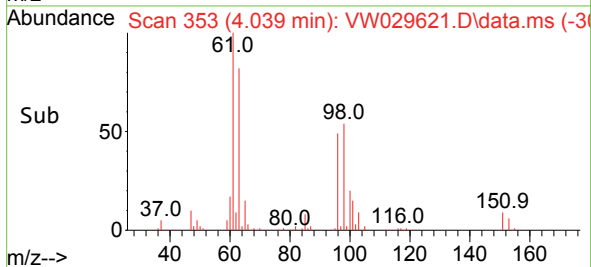
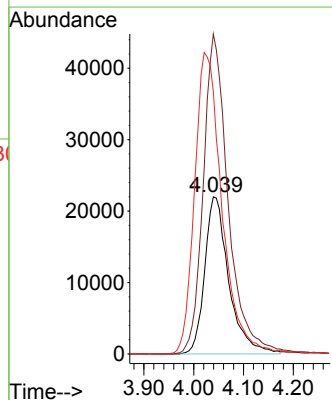
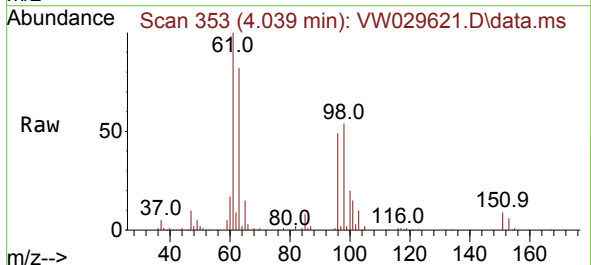
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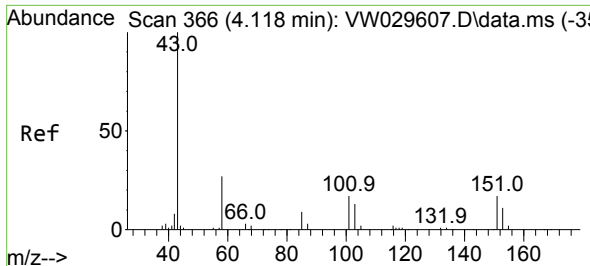
Tgt Ion:101 Resp: 79119
 Ion Ratio Lower Upper
 101 100
 85 44.7 33.8 50.8
 151 70.9 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 24.297 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW029621.D
 Acq: 17 Jul 2024 17:31

Tgt Ion: 96 Resp: 73951
 Ion Ratio Lower Upper
 96 100
 61 203.6 132.4 245.8
 63 167.2 108.4 201.2

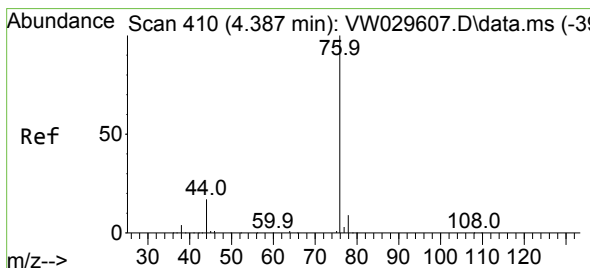
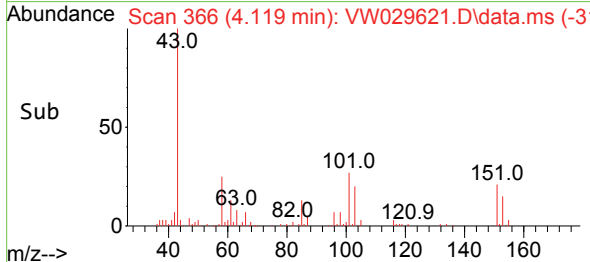
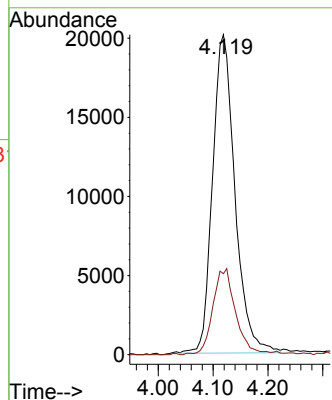
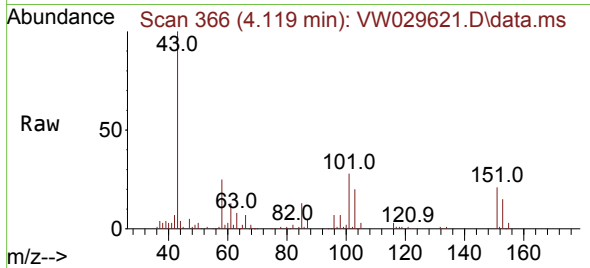




#13
Acetone
Concen: 47.553 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

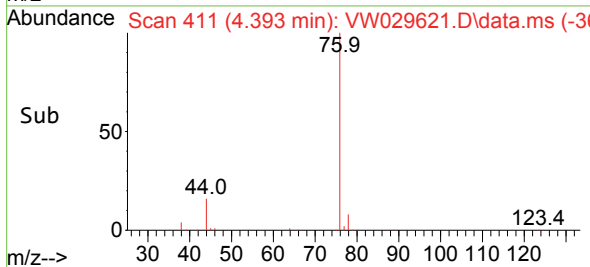
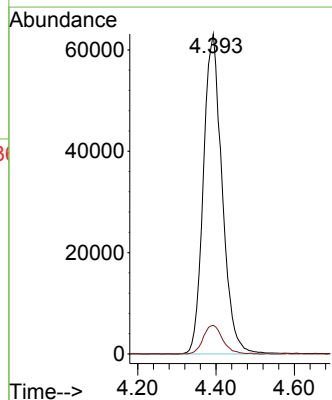
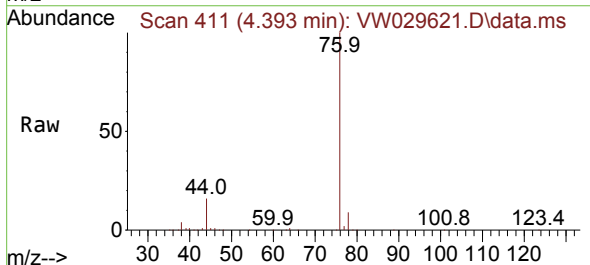
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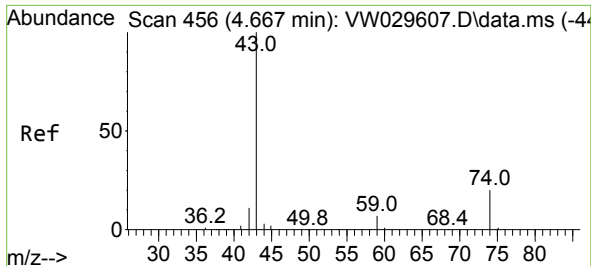
Tgt Ion: 43 Resp: 56964
Ion Ratio Lower Upper
43 100
58 27.1 0.0 55.6



#14
Carbon disulfide
Concen: 21.179 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 209345
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

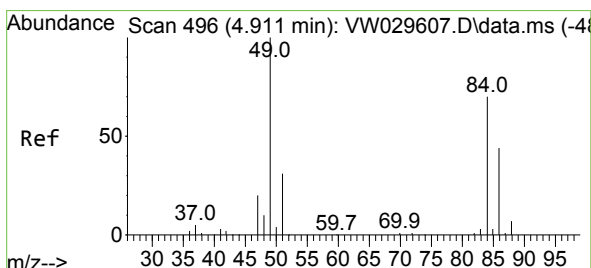
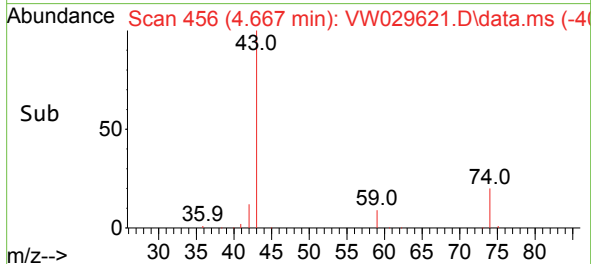
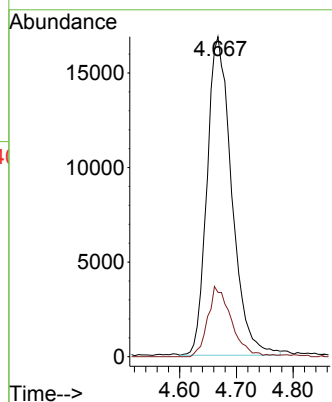
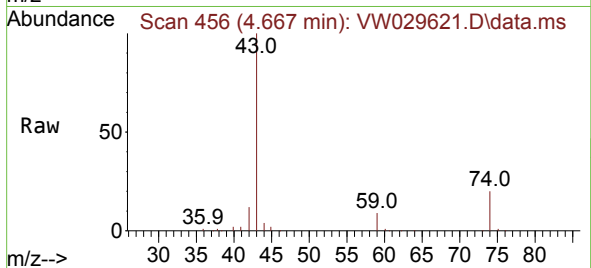




#15
Methyl Acetate
Concen: 24.237 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

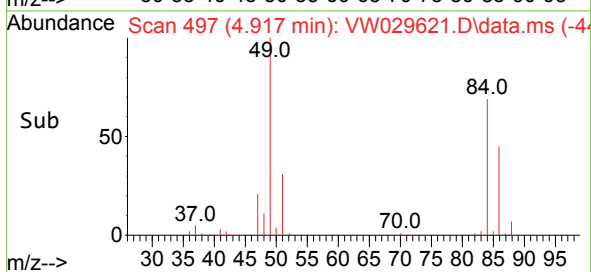
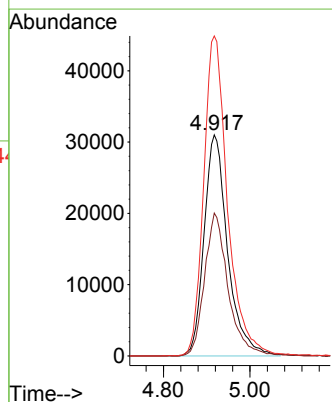
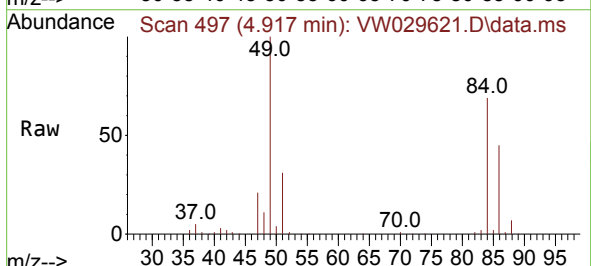
Instrument :
MSVOA_W
ClientSampleId :

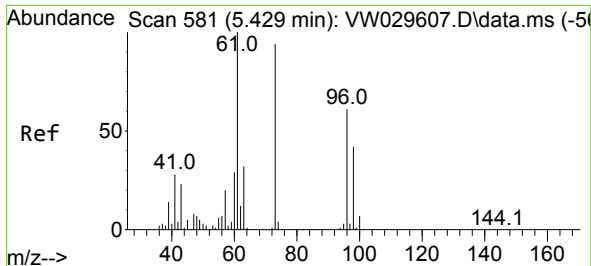
Tgt Ion: 43 Resp: 50975
Ion Ratio Lower Upper
43 100
74 20.5 16.2 24.4



#16
Methylene chloride
Concen: 26.829 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion: 84 Resp: 117557
Ion Ratio Lower Upper
84 100
86 64.6 46.2 85.8
49 144.7 96.7 179.7

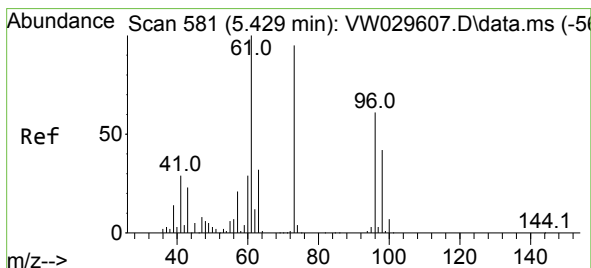
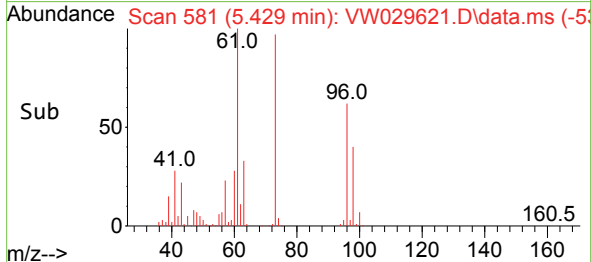
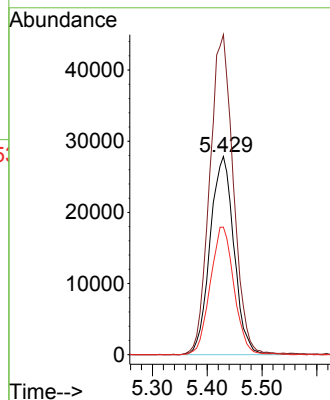
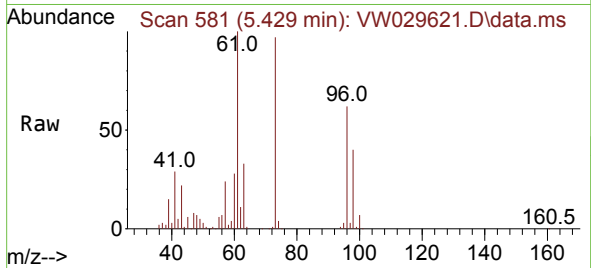




#17
trans-1,2-Dichloroethene
Concen: 25.047 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

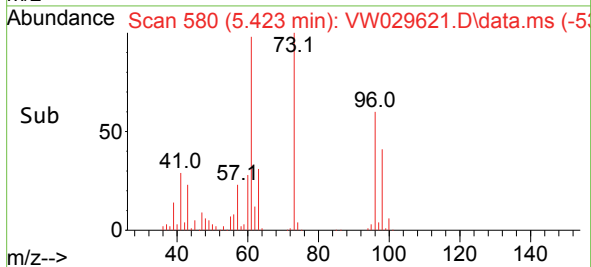
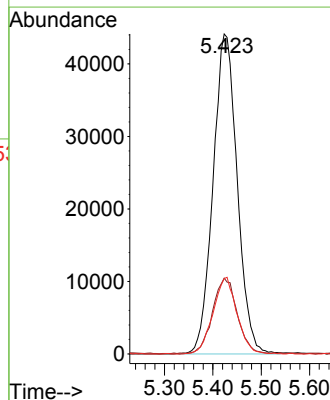
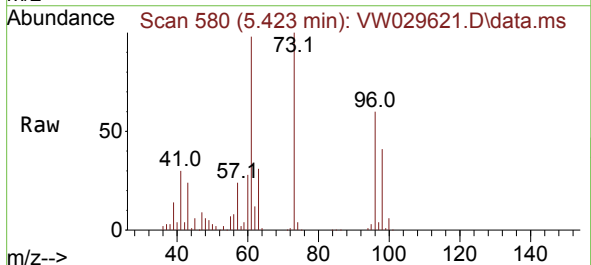
Instrument :
MSVOA_W
ClientSampleId :

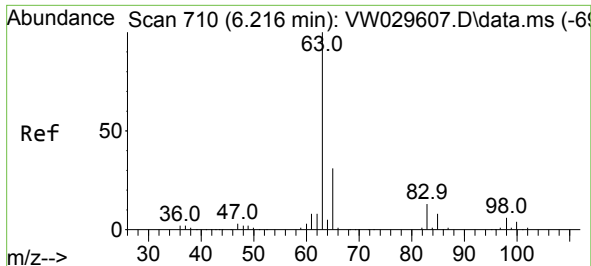
Tgt Ion: 96 Resp: 84392
Ion Ratio Lower Upper
96 100
61 161.4 102.9 191.1
98 64.4 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 26.684 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion: 73 Resp: 152975
Ion Ratio Lower Upper
73 100
43 23.8 18.7 28.1
57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 27.073 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

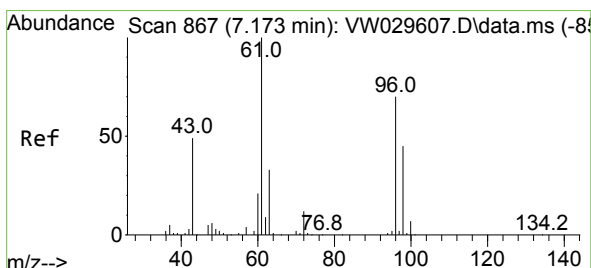
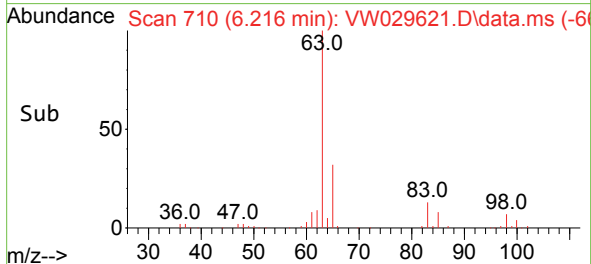
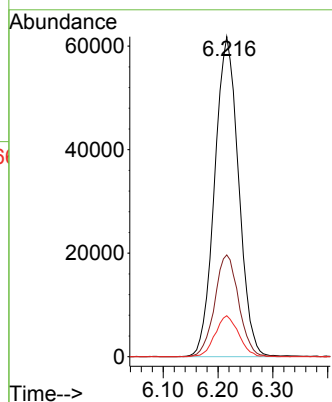
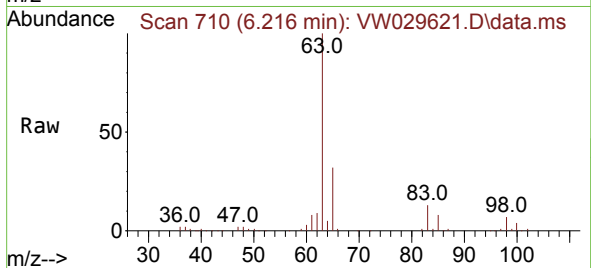
Tgt Ion: 63 Resp: 187331

Ion Ratio Lower Upper

63 100

65 31.8 21.5 39.9

83 12.8 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.348 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

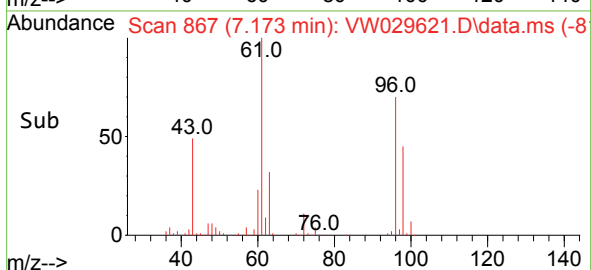
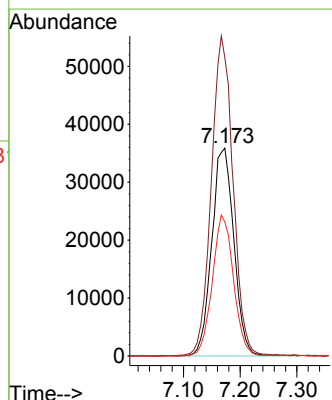
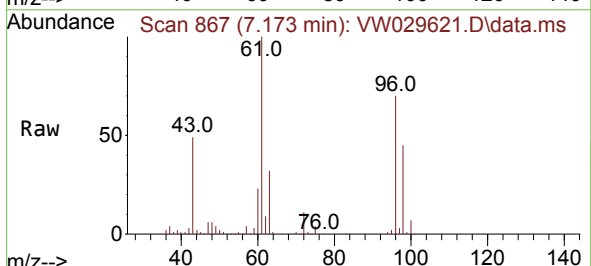
Tgt Ion: 96 Resp: 97078

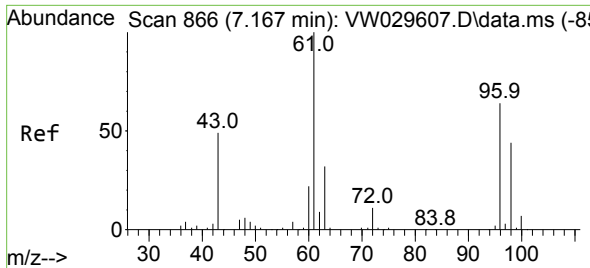
Ion Ratio Lower Upper

96 100

61 143.5 97.4 180.8

98 64.4 41.6 77.2

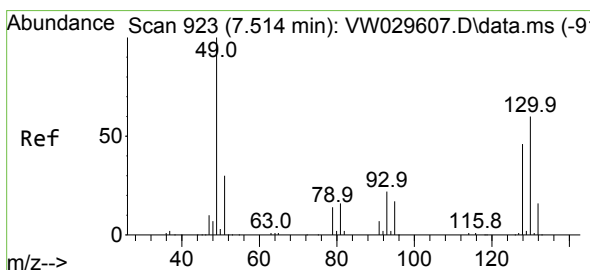
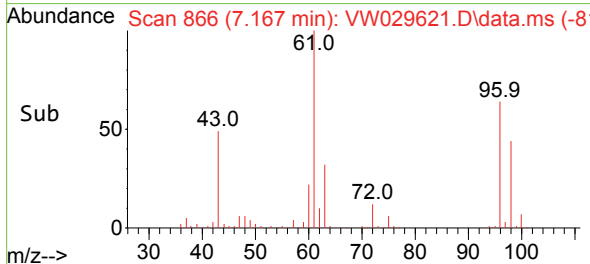
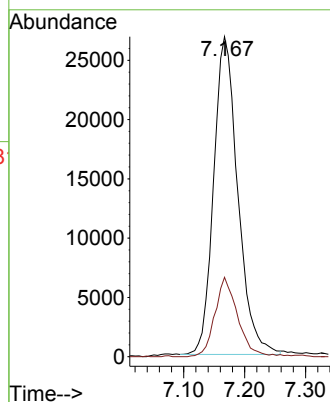
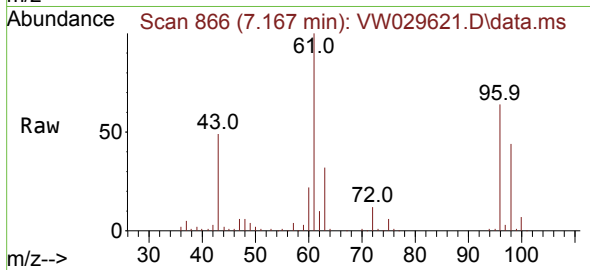




#22
2-Butanone
Concen: 46.950 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

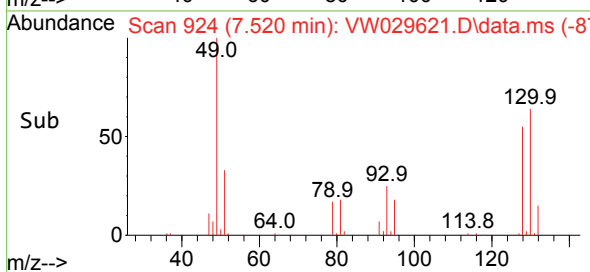
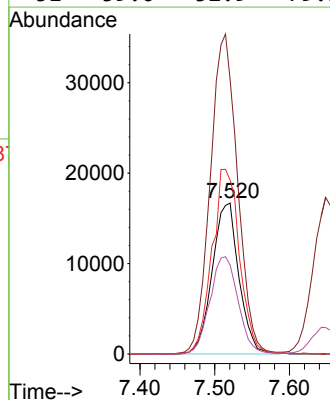
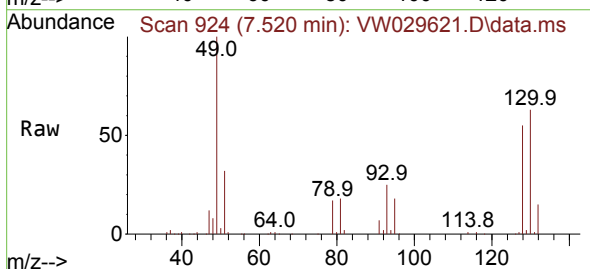
Instrument :
MSVOA_W
ClientSampleId :

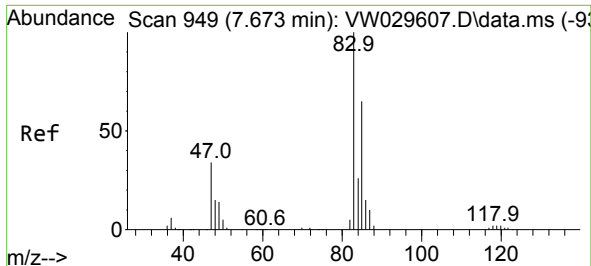
Tgt Ion: 43 Resp: 73835
Ion Ratio Lower Upper
43 100
72 23.3 12.0 36.1



#23
Bromochloromethane
Concen: 25.055 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion: 128 Resp: 41523
Ion Ratio Lower Upper
128 100
49 181.7 146.2 271.4
130 115.1 91.9 170.7
51 59.0 52.9 79.3

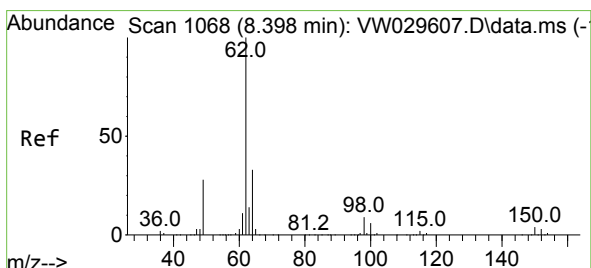
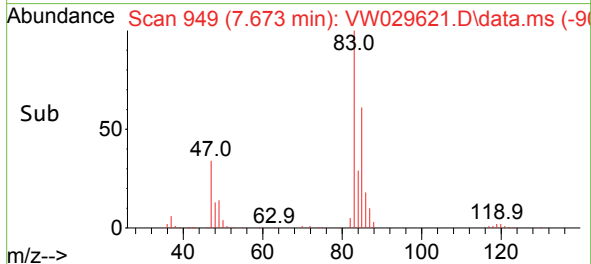
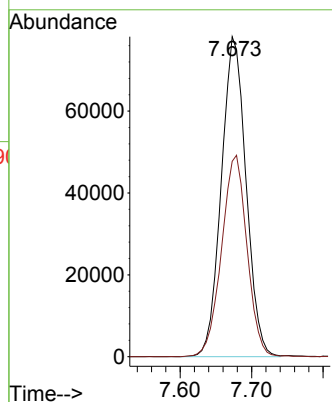
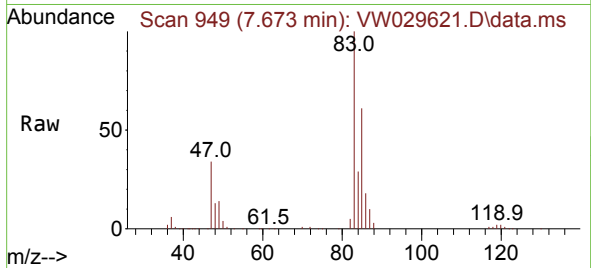




#25
Chloroform
Concen: 28.035 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

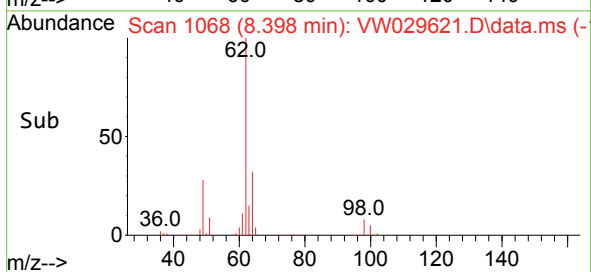
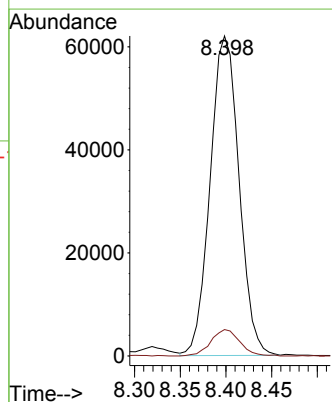
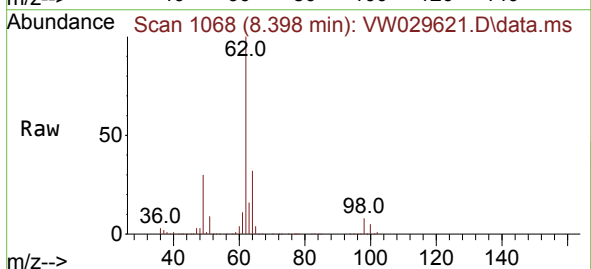
Instrument :
MSVOA_W
ClientSampleId :

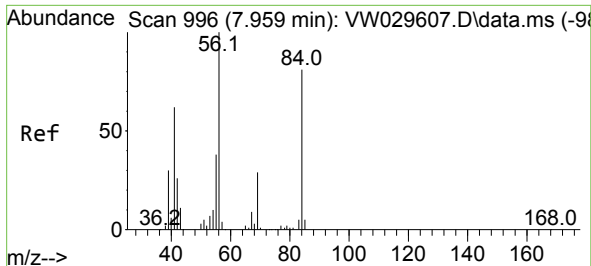
Tgt Ion: 83 Resp: 187696
Ion Ratio Lower Upper
83 100
85 61.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 27.129 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

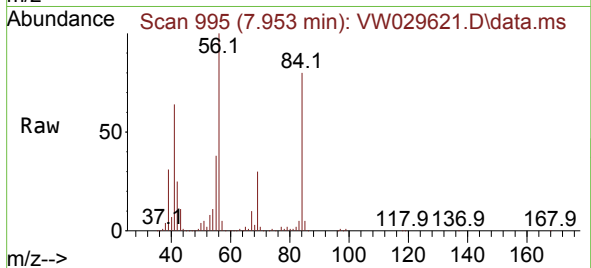
Tgt Ion: 62 Resp: 136231
Ion Ratio Lower Upper
62 100
98 8.2 6.0 9.0



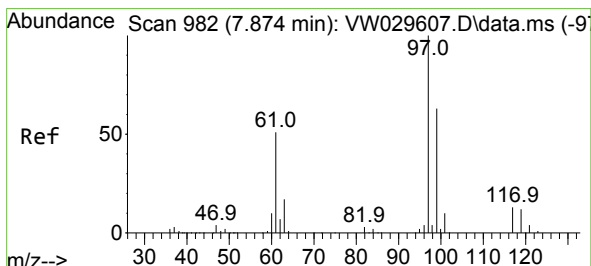
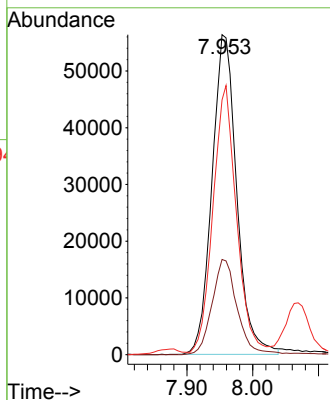
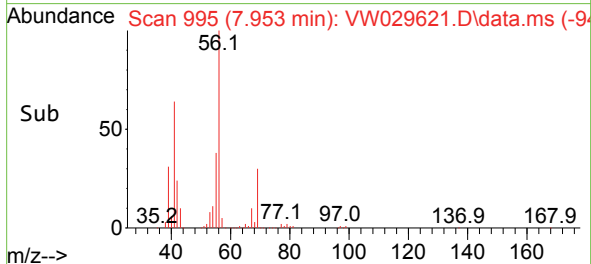


#29
Cyclohexane
Concen: 26.212 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Instrument :
MSVOA_W
ClientSampleId :

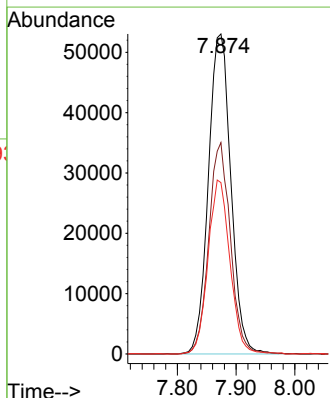
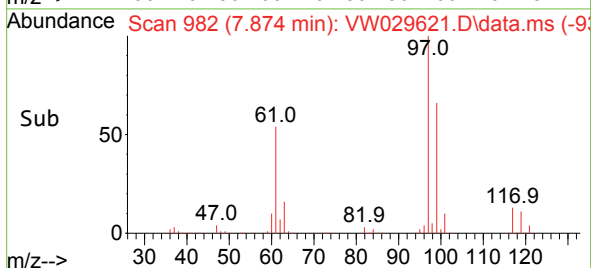
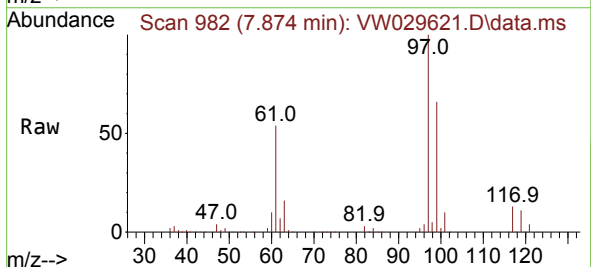


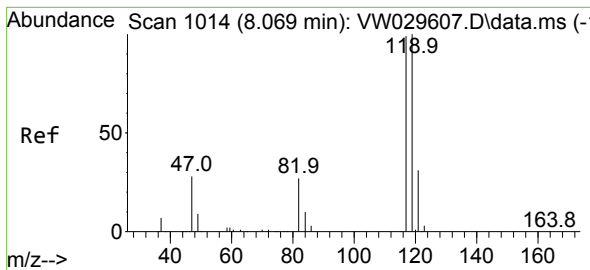
Tgt Ion: 56 Resp: 147678
Ion Ratio Lower Upper
56 100
69 30.1 23.3 34.9
84 79.7 63.1 94.7



#30
1,1,1-Trichloroethane
Concen: 27.328 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion: 97 Resp: 141194
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 52.8 40.6 61.0

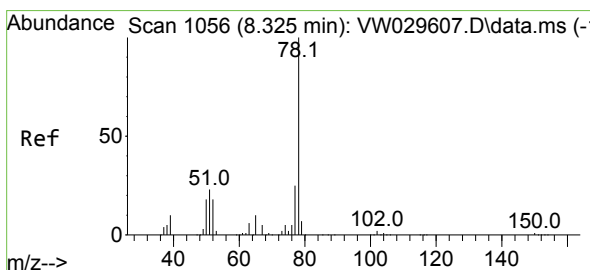
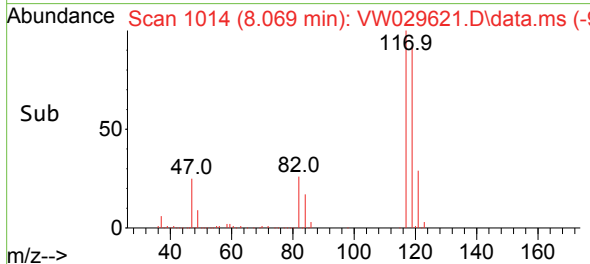
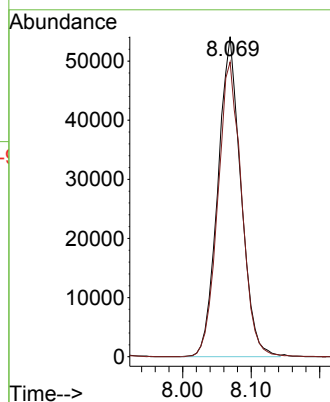
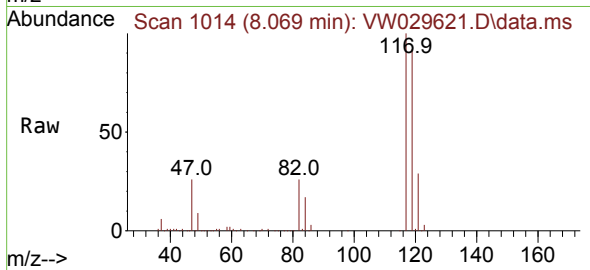




#31
Carbon tetrachloride
Concen: 26.715 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

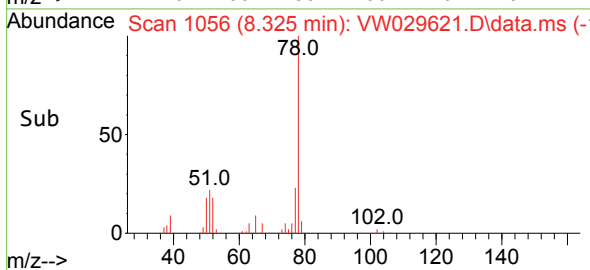
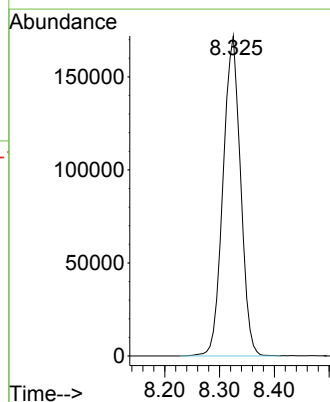
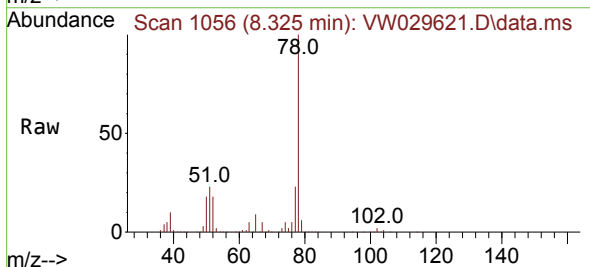
Instrument :
MSVOA_W
ClientSampleId :

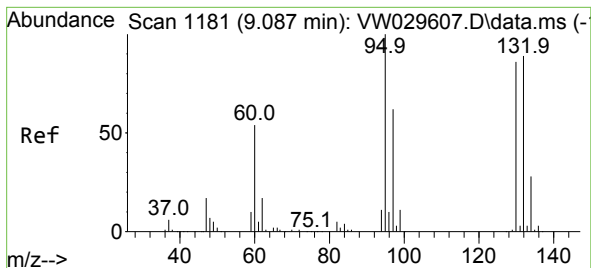
Tgt Ion:117 Resp: 126408
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6



#33
Benzene
Concen: 27.029 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion: 78 Resp: 382631





#34

Trichloroethene

Concen: 26.121 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 97647

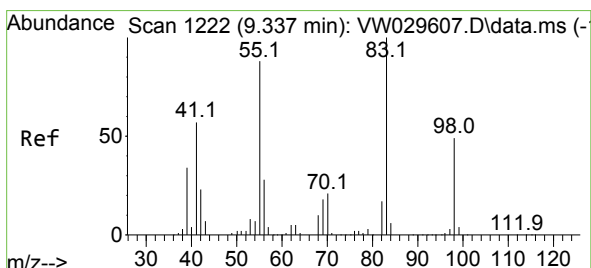
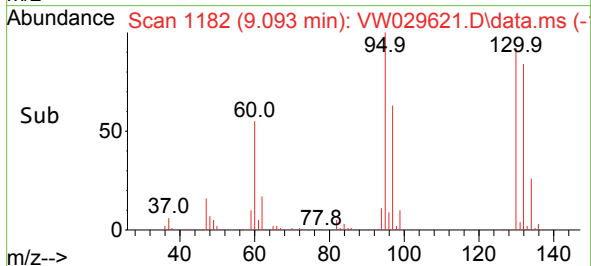
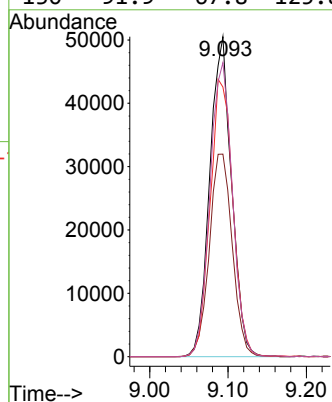
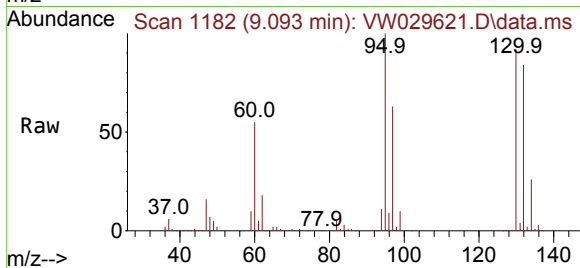
Ion Ratio Lower Upper

95 100

97 63.3 47.3 87.9

132 84.2 65.8 122.2

130 91.9 67.8 125.8



#35

Methylcyclohexane

Concen: 27.378 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

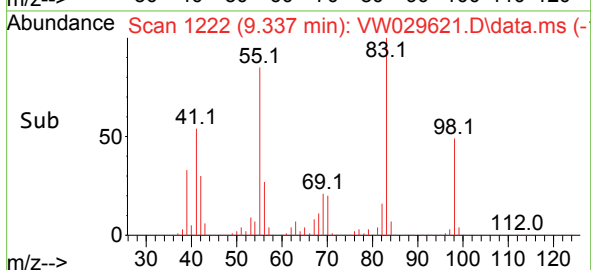
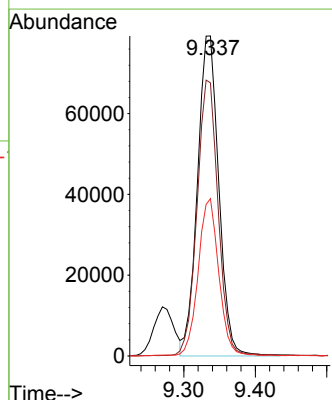
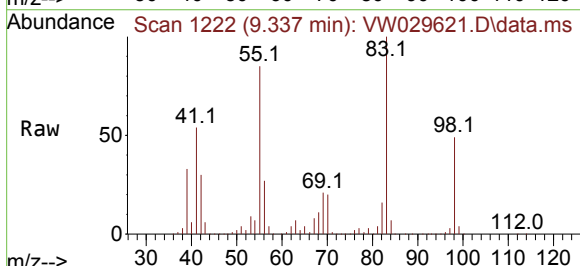
Tgt Ion: 83 Resp: 164505

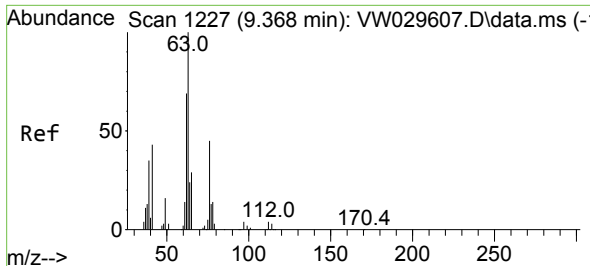
Ion Ratio Lower Upper

83 100

55 85.4 69.6 104.4

98 47.4 38.3 57.5

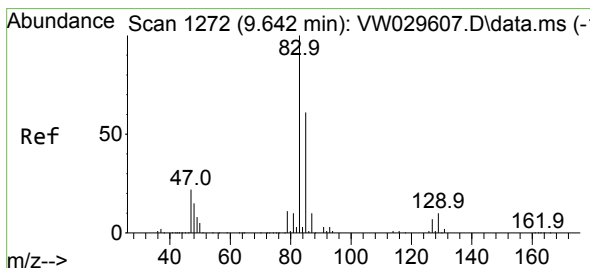
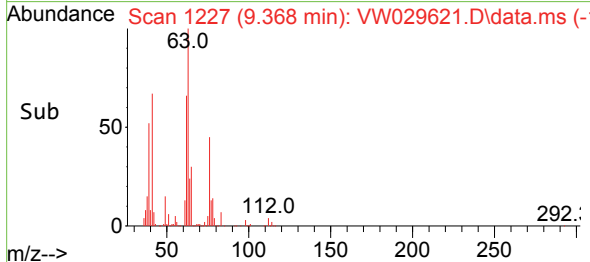
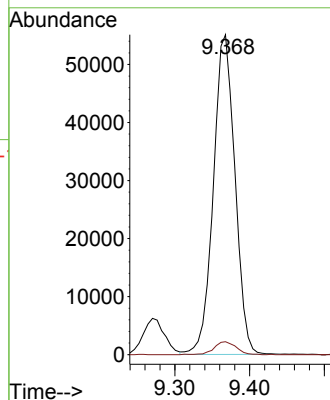
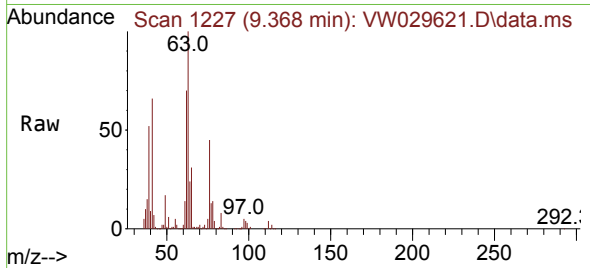




#37
1,2-Dichloropropane
Concen: 28.359 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

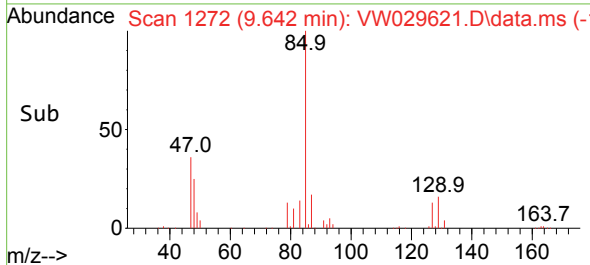
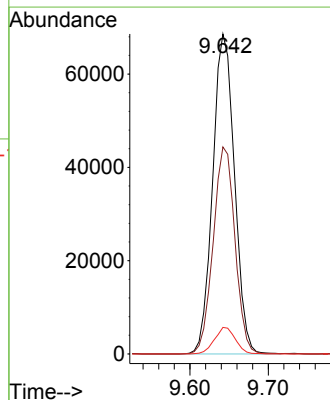
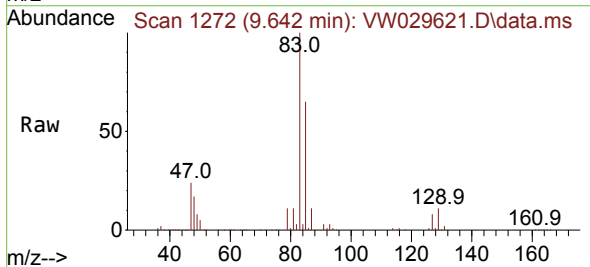
Instrument :
MSVOA_W
ClientSampleId :

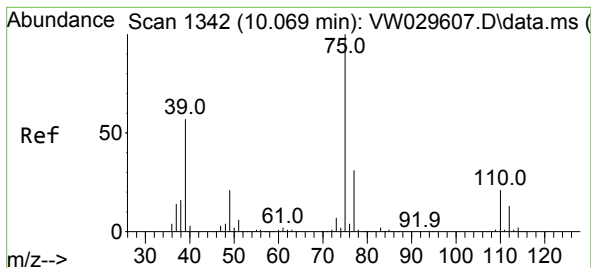
Tgt Ion: 63 Resp: 111013
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 27.747 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

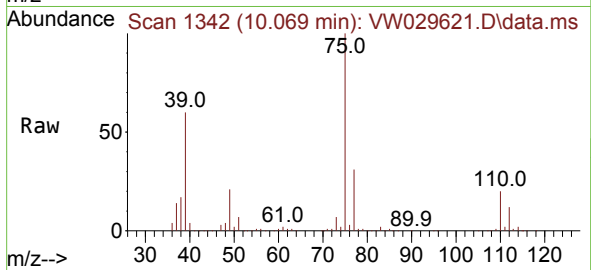
Tgt Ion: 83 Resp: 132673
Ion Ratio Lower Upper
83 100
85 64.7 46.1 85.5
127 8.3 6.1 9.1



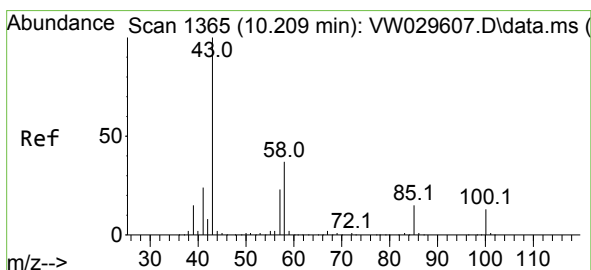
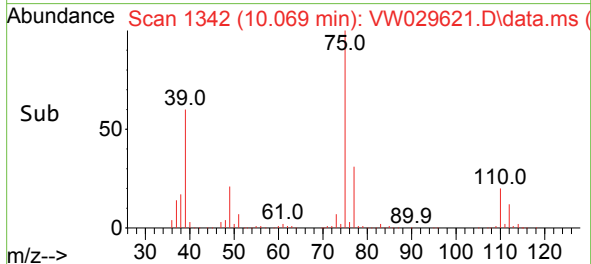
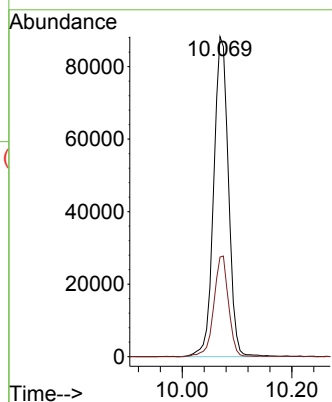


#39
cis-1,3-Dichloropropene
Concen: 27.994 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Instrument :
MSVOA_W
ClientSampleId :

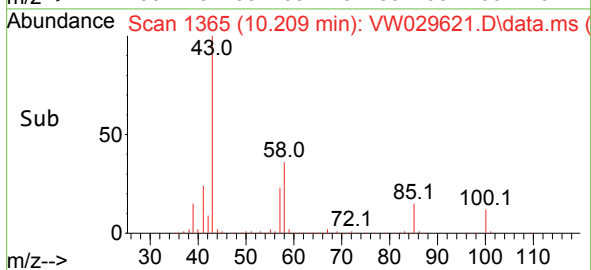
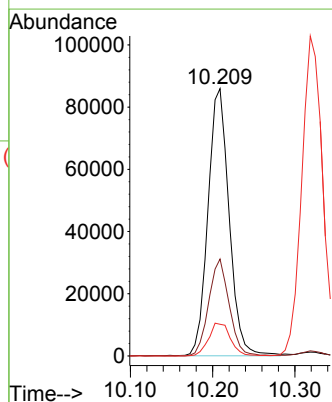
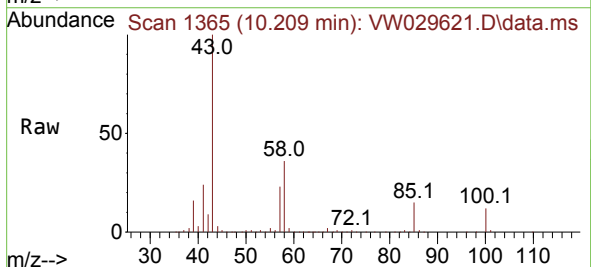


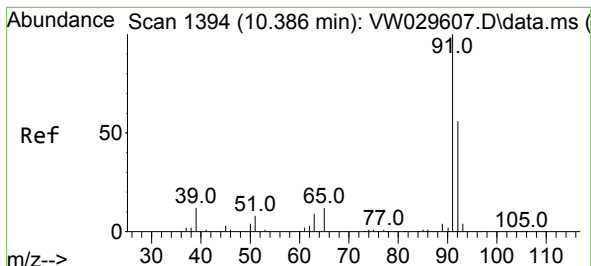
Tgt Ion: 75 Resp: 164594
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 55.624 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion: 43 Resp: 153459
Ion Ratio Lower Upper
43 100
58 35.1 29.0 43.6
100 12.8 10.5 15.7





#42

Toluene

Concen: 28.168 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

Instrument :

MSVOA_W

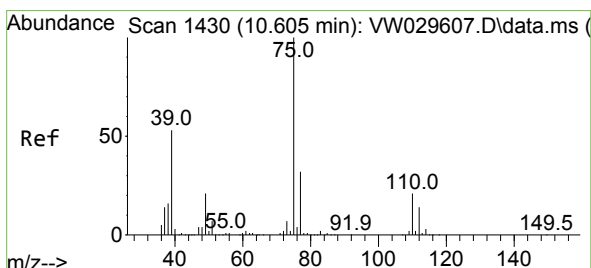
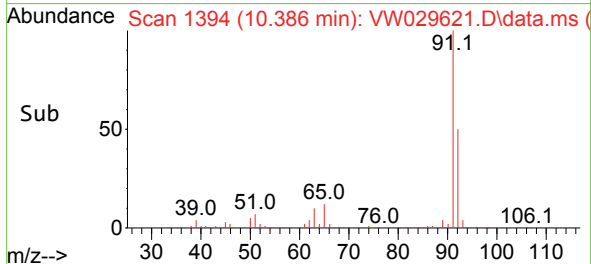
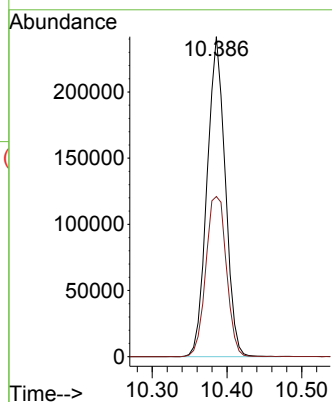
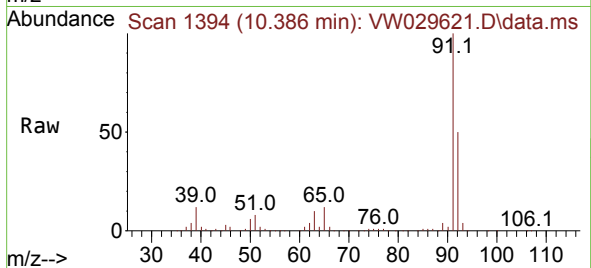
ClientSampleId :

Tgt Ion: 91 Resp: 407931

Ion Ratio Lower Upper

91 100

92 50.1 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 27.435 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029621.D

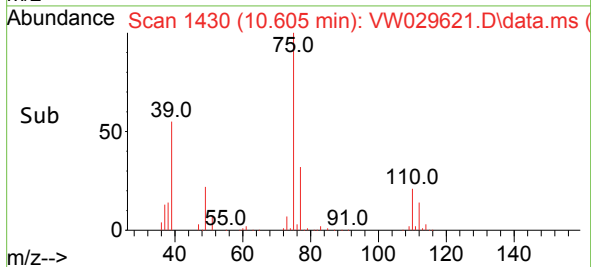
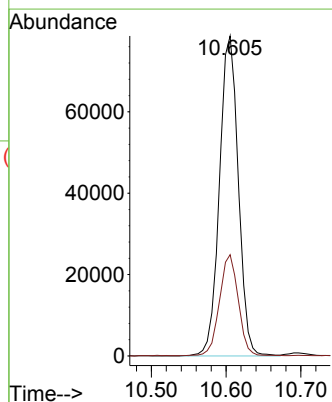
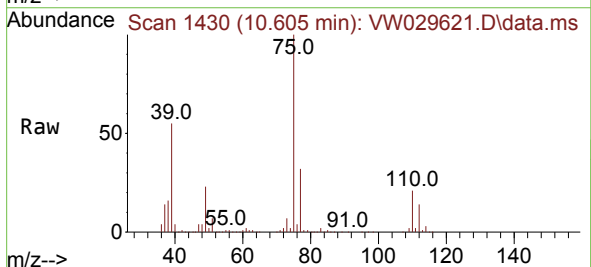
Acq: 17 Jul 2024 17:31

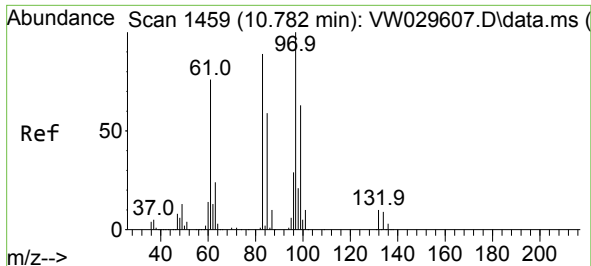
Tgt Ion: 75 Resp: 138254

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6

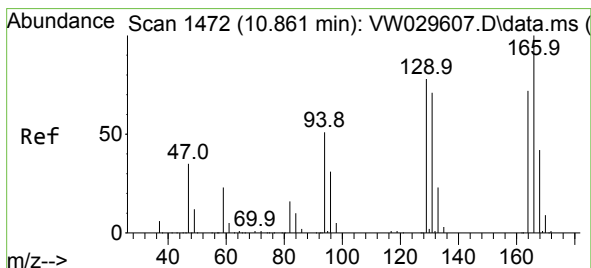
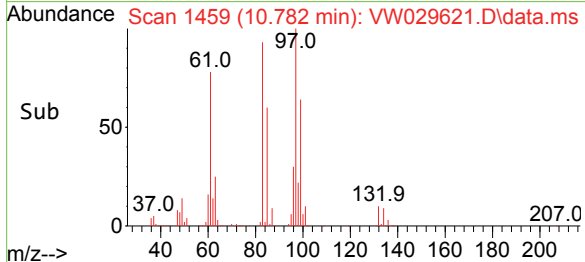
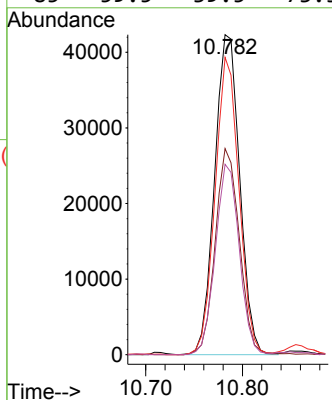
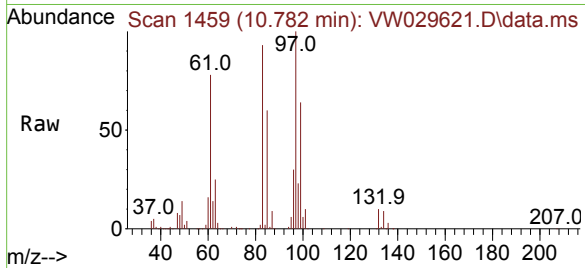




#45
1,1,2-Trichloroethane
Concen: 27.099 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

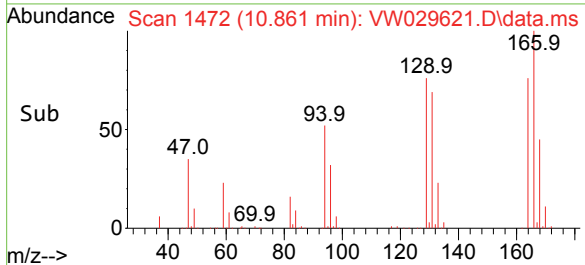
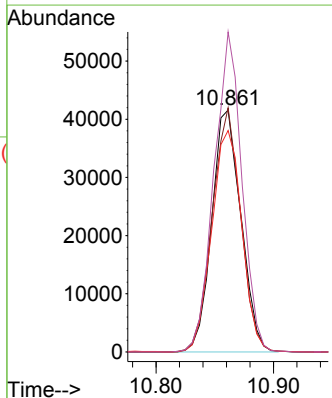
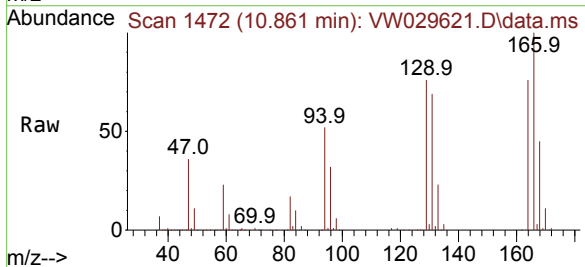
Instrument :
MSVOA_W
ClientSampleId :

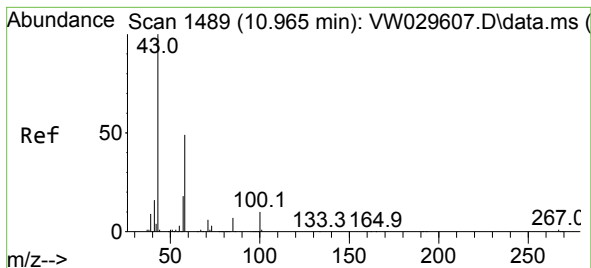
Tgt Ion: 97	Resp: 76291
Ion Ratio	Lower Upper
97 100	
99 64.4	43.8 81.4
83 92.9	60.3 111.9
85 59.5	39.5 73.3



#46
Tetrachloroethene
Concen: 27.028 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt	Ion:164	Resp:	71782
Ion	Ratio	Lower	Upper
164	100		
129	101.0	60.0	111.4
131	91.6	64.6	120.0
166	132.3	80.4	149.2





#48

2-Hexanone

Concen: 54.533 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

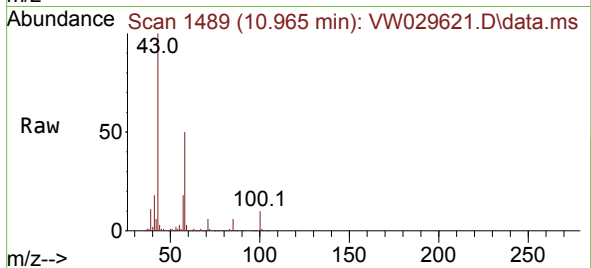
Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 113027

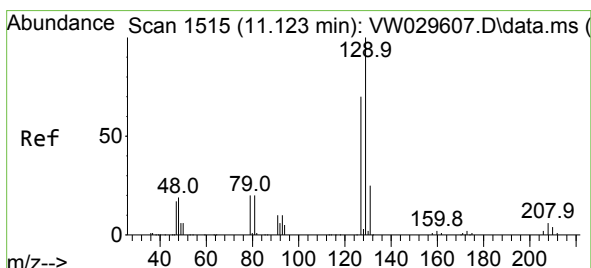
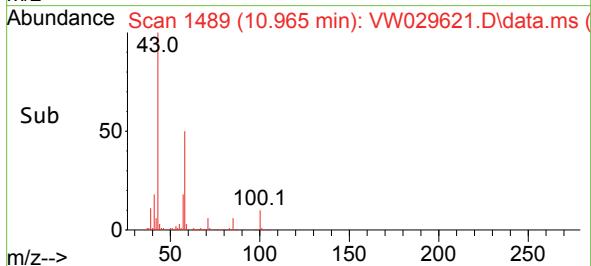
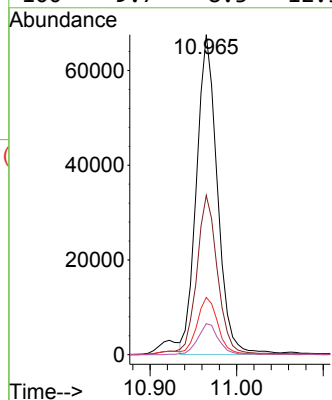
Ion Ratio Lower Upper

43 100

58 50.3 39.8 59.8

57 18.1 14.6 21.8

100 9.7 8.3 12.5



#49

Dibromochloromethane

Concen: 27.774 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029621.D

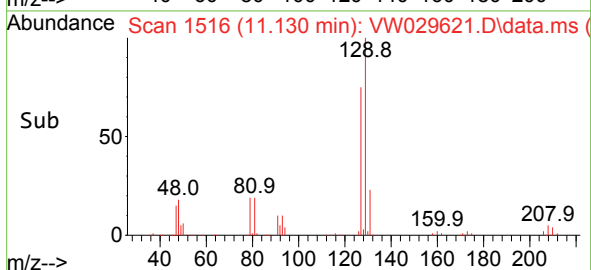
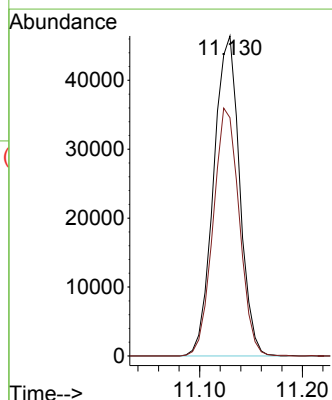
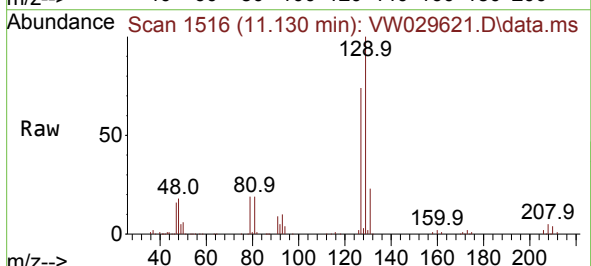
Acq: 17 Jul 2024 17:31

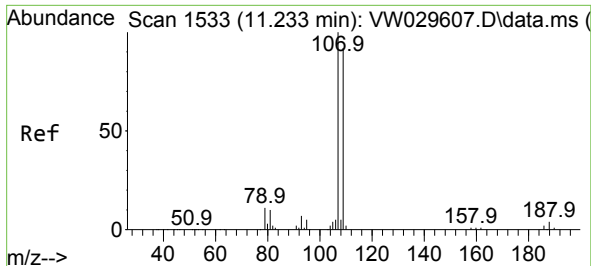
Tgt Ion: 129 Resp: 81375

Ion Ratio Lower Upper

129 100

127 74.4 51.9 96.3





#50

1,2-Dibromoethane

Concen: 25.838 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

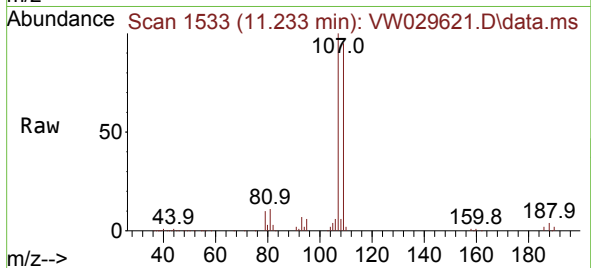
Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :



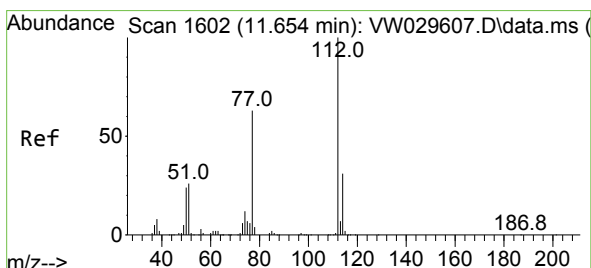
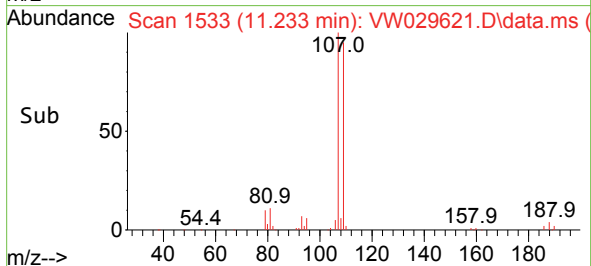
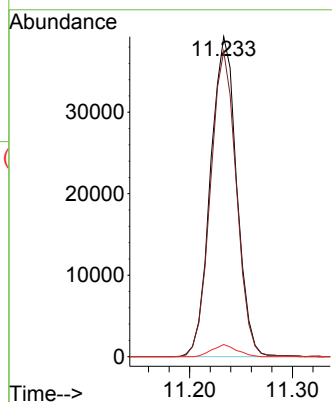
Tgt Ion:107 Resp: 69321

Ion Ratio Lower Upper

107 100

109 95.5 63.2 117.4

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 26.921 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

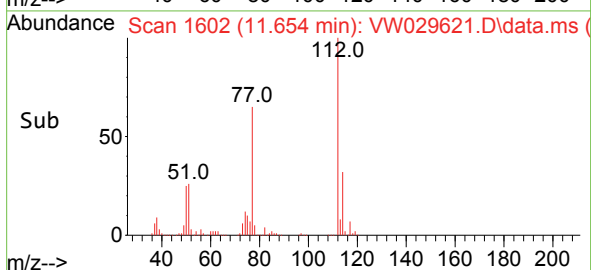
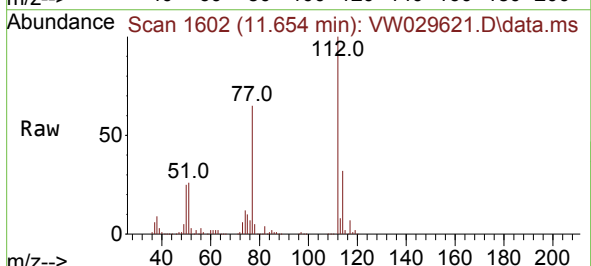
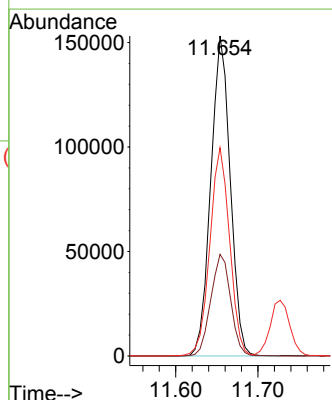
Tgt Ion:112 Resp: 252030

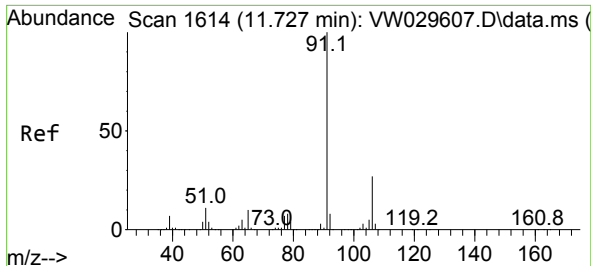
Ion Ratio Lower Upper

112 100

114 31.7 22.6 42.0

77 65.1 49.9 74.9

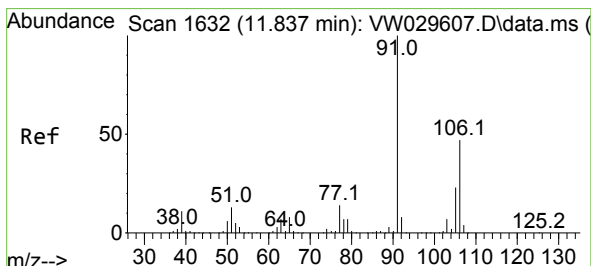
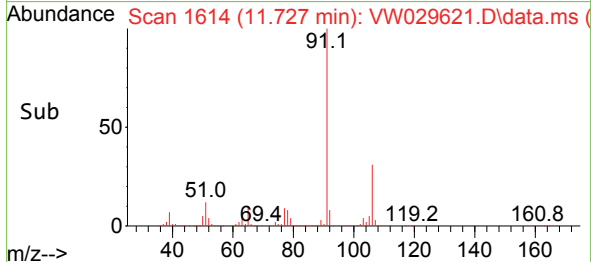
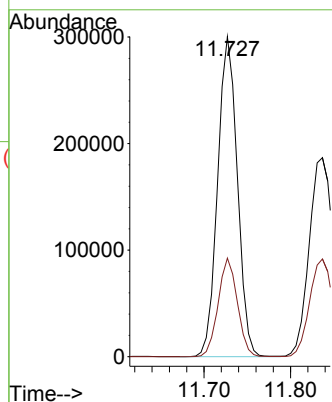
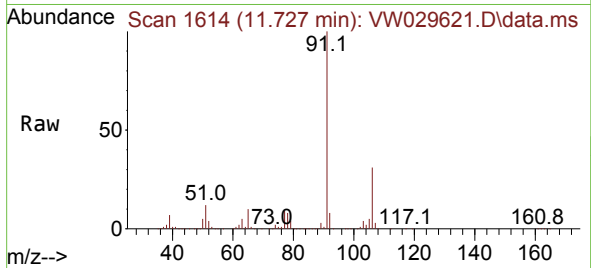




#52
Ethylbenzene
Concen: 28.927 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

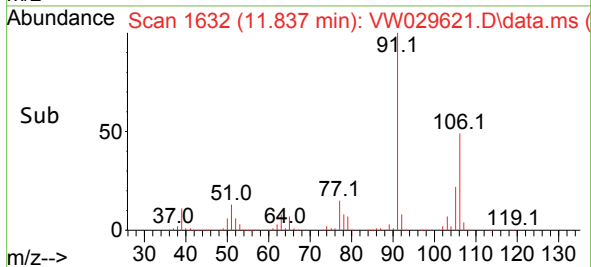
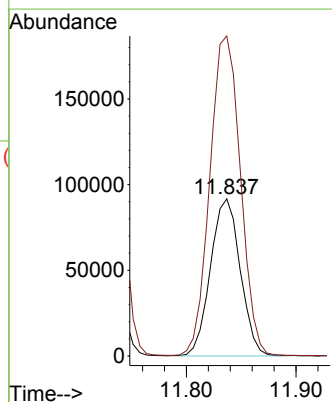
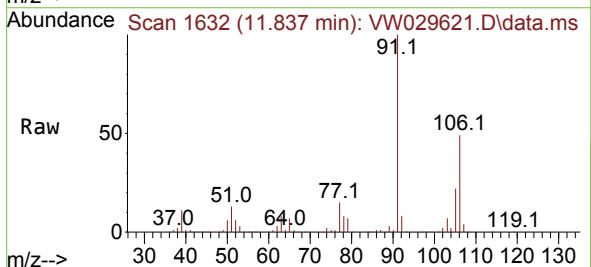
Instrument :
MSVOA_W
ClientSampleId :

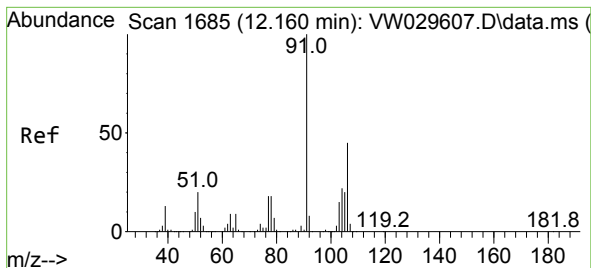
Tgt Ion: 91 Resp: 474632
Ion Ratio Lower Upper
91 100
106 30.8 20.2 37.6



#53
m,p-Xylene
Concen: 28.700 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion:106 Resp: 172870
Ion Ratio Lower Upper
106 100
91 203.7 149.3 277.3

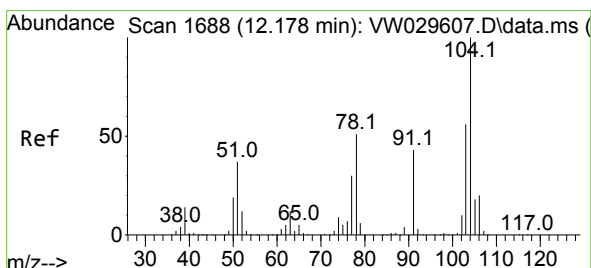
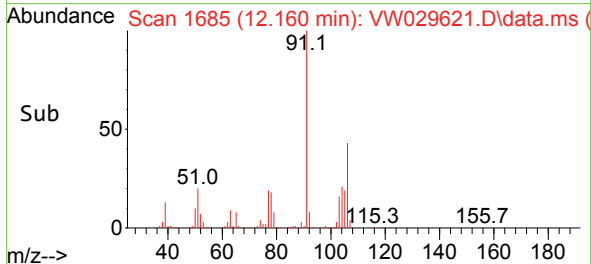
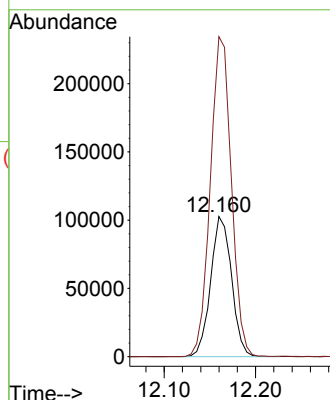
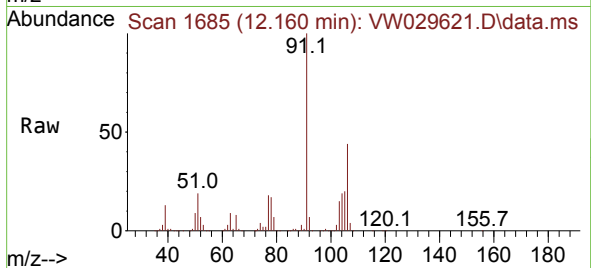




#54
o-Xylene
Concen: 29.229 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

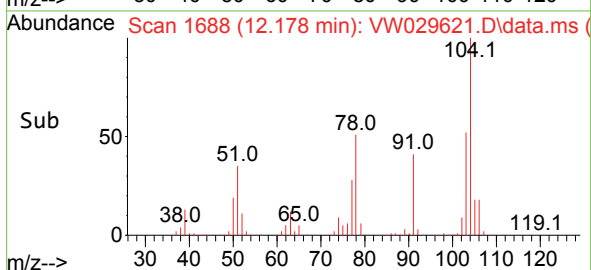
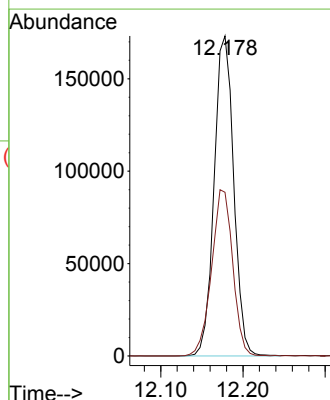
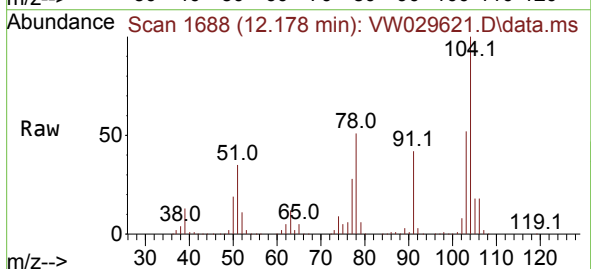
Instrument :
MSVOA_W
ClientSampleId :

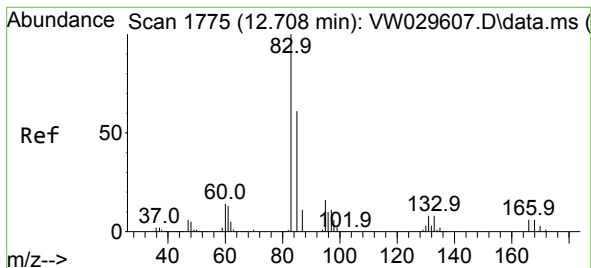
Tgt Ion:106 Resp: 162835
Ion Ratio Lower Upper
106 100
91 228.3 159.2 295.6



#55
Styrene
Concen: 29.238 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion:104 Resp: 286420
Ion Ratio Lower Upper
104 100
78 51.2 34.7 64.5

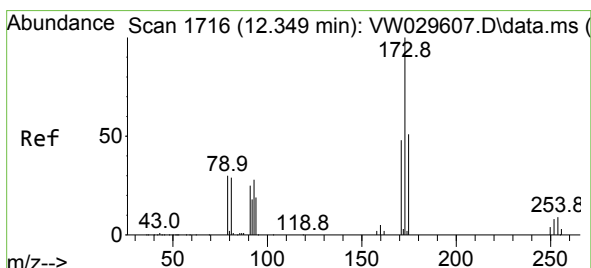
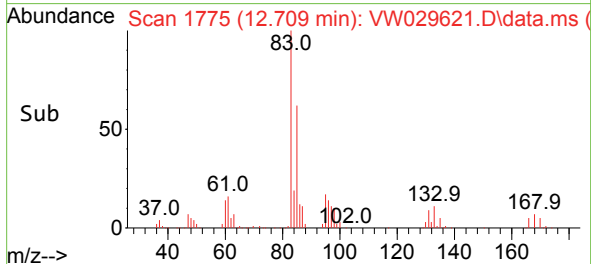
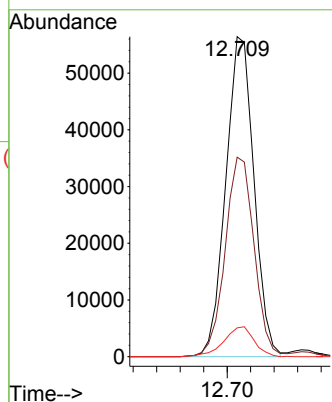
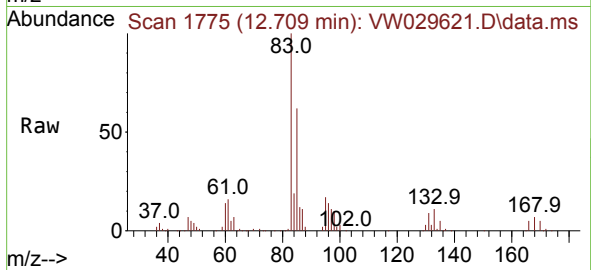




#57
1,1,2,2-Tetrachloroethane
Concen: 26.510 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

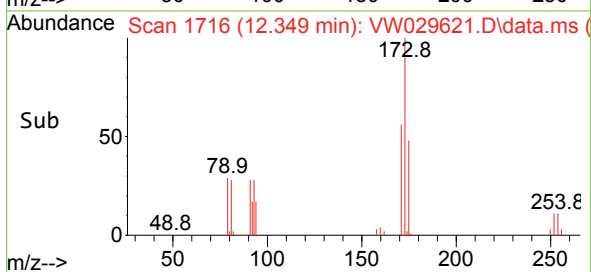
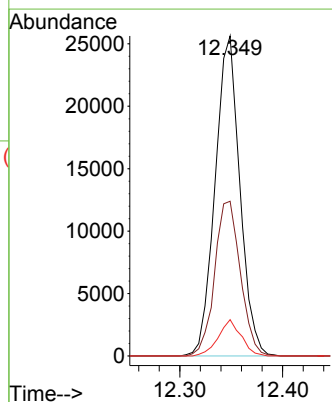
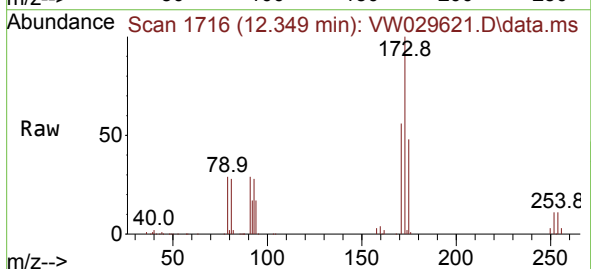
Instrument :
MSVOA_W
ClientSampleId :

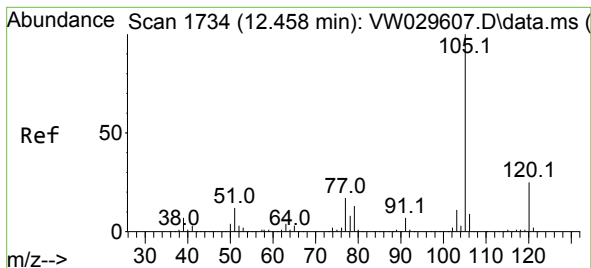
Tgt Ion: 83 Resp: 94144
Ion Ratio Lower Upper
83 100
85 62.4 45.4 84.4
131 9.0 6.4 9.6



#59
Bromoform
Concen: 24.972 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion:173 Resp: 42766
Ion Ratio Lower Upper
173 100
175 50.2 40.4 60.6
254 10.5 8.8 13.2





#60

Isopropylbenzene

Concen: 30.184 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

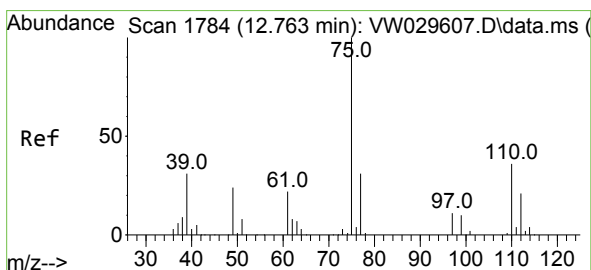
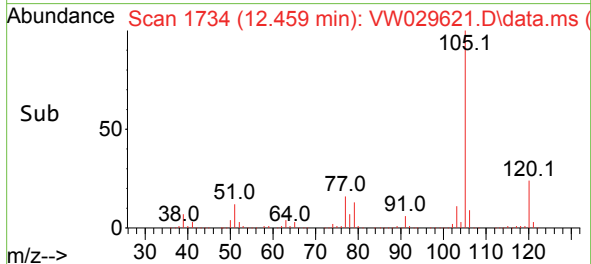
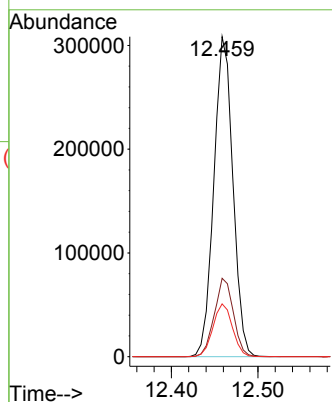
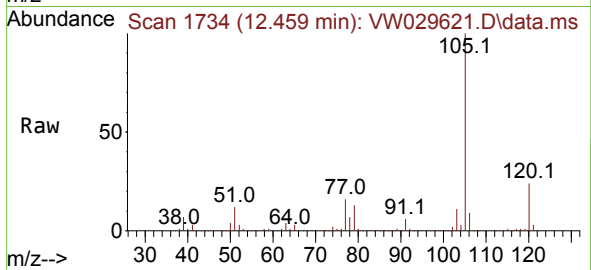
Tgt Ion:105 Resp: 471183

Ion Ratio Lower Upper

105 100

120 24.6 20.2 30.4

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 26.220 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

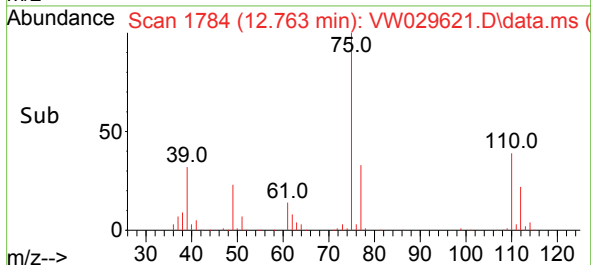
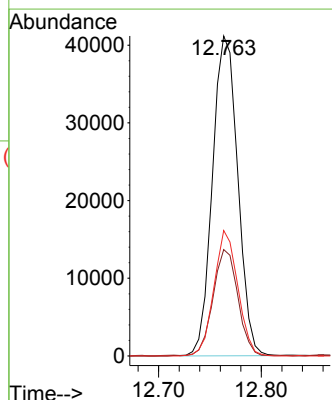
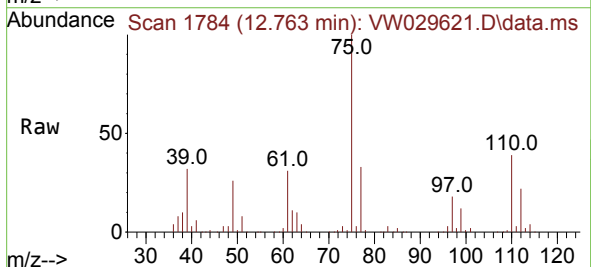
Tgt Ion: 75 Resp: 70401

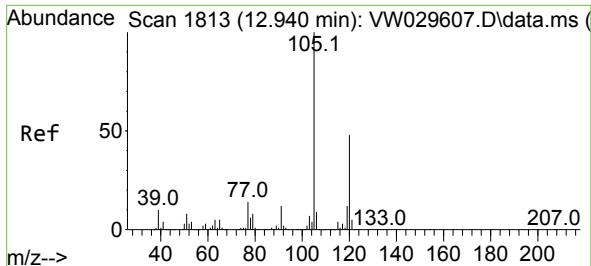
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

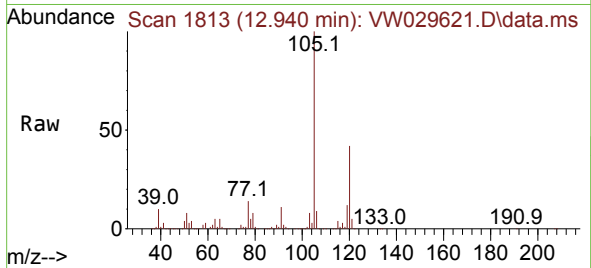
110 37.0 29.1 43.7



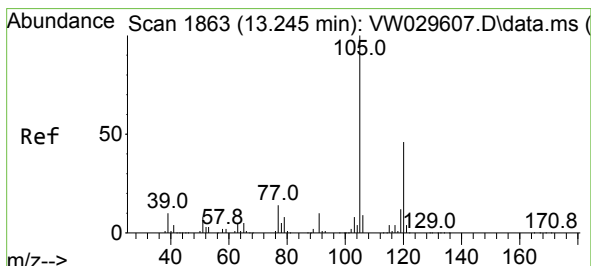
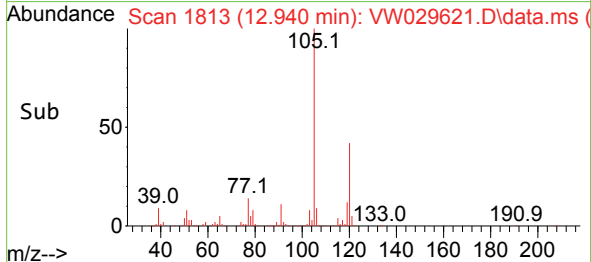
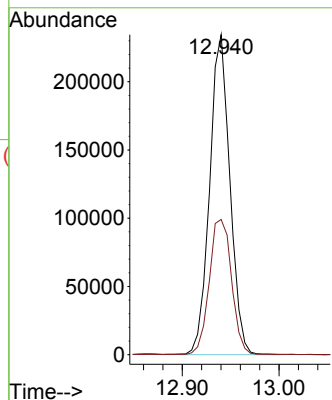


#62
1,3,5-Trimethylbenzene
Concen: 30.782 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Instrument :
MSVOA_W
ClientSampleId :

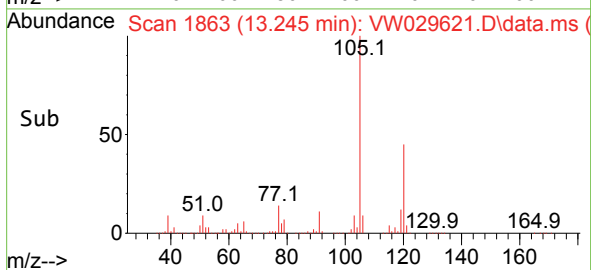
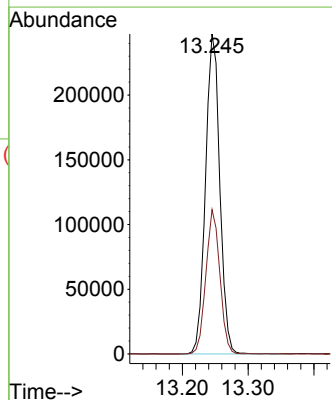
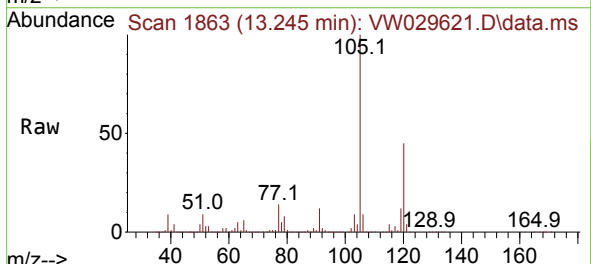


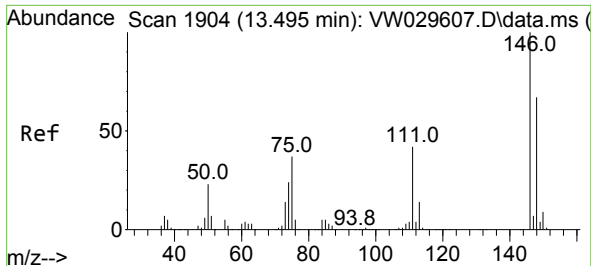
Tgt Ion:105 Resp: 341794
Ion Ratio Lower Upper
105 100
120 46.5 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 30.428 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion:105 Resp: 372898
Ion Ratio Lower Upper
105 100
120 44.2 34.7 52.1

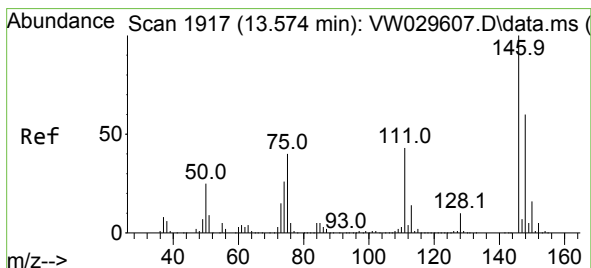
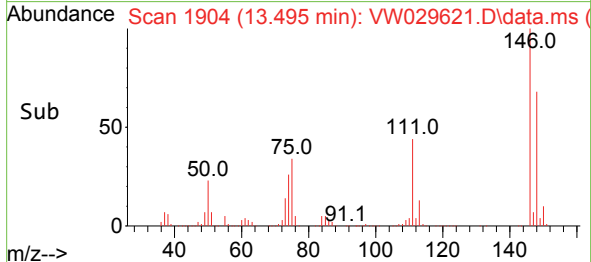
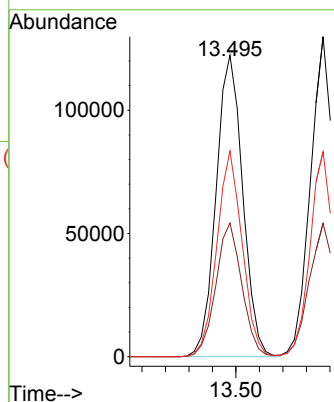
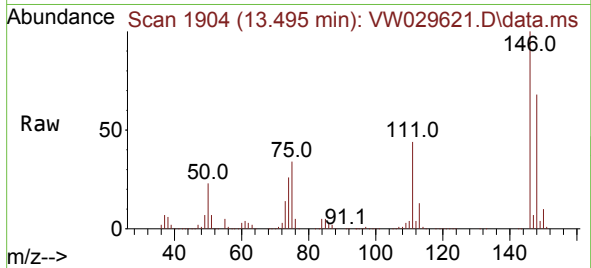




#64
1,3-Dichlorobenzene
Concen: 27.513 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

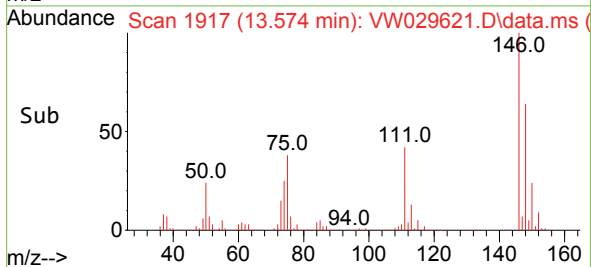
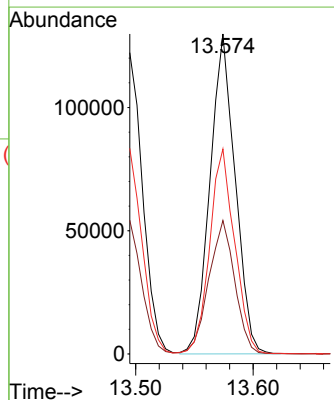
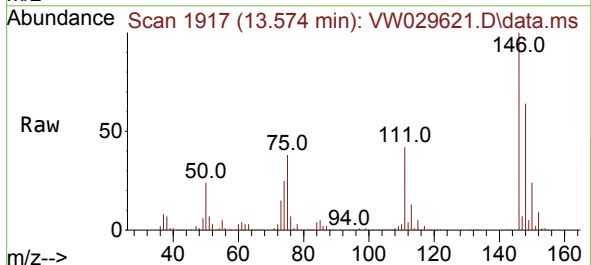
Instrument :
MSVOA_W
ClientSampleId :

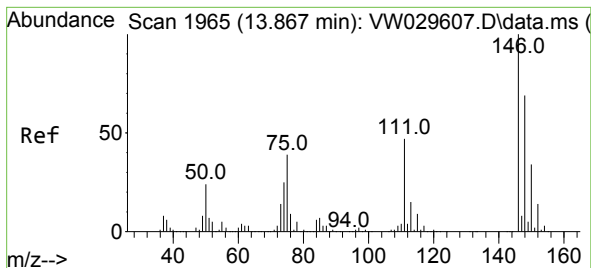
Tgt Ion:146 Resp: 192512
Ion Ratio Lower Upper
146 100
111 44.4 28.6 53.2
148 68.3 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 26.975 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

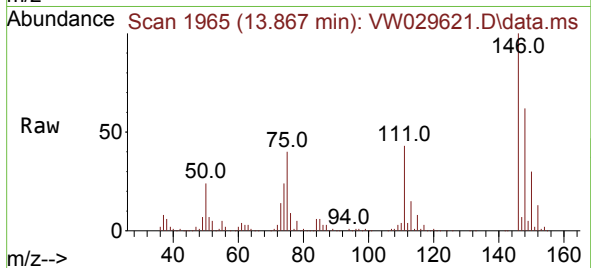
Tgt Ion:146 Resp: 193367
Ion Ratio Lower Upper
146 100
111 41.7 27.6 51.4
148 64.1 40.9 75.9



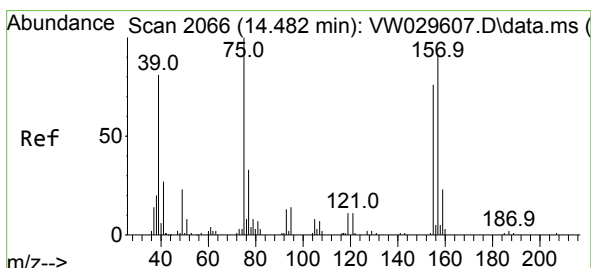
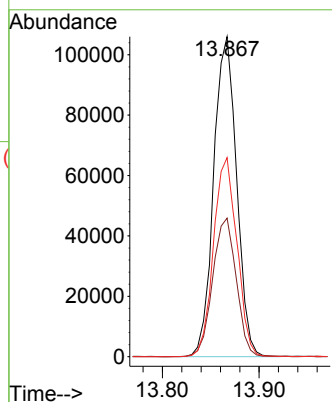
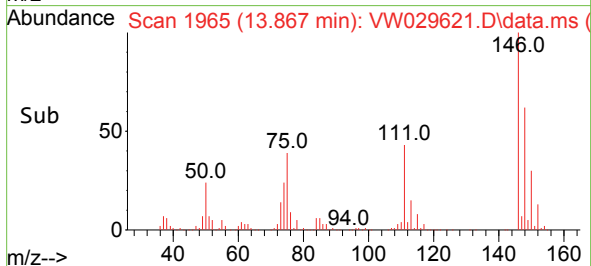


#67
1,2-Dichlorobenzene
Concen: 27.581 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

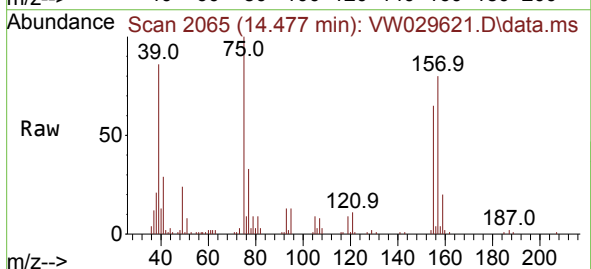
Instrument :
MSVOA_W
ClientSampleId :



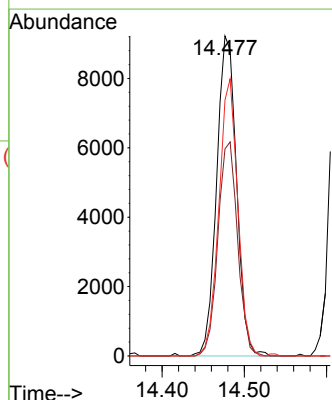
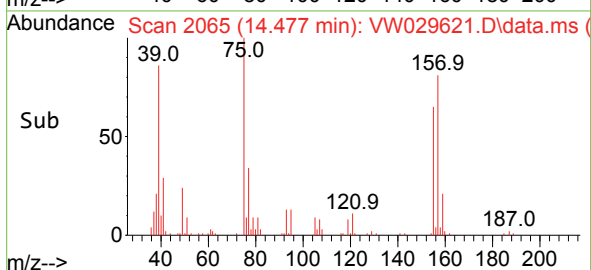
Tgt Ion:146 Resp: 174449
Ion Ratio Lower Upper
146 100
111 43.3 37.1 55.7
148 62.2 50.7 76.1

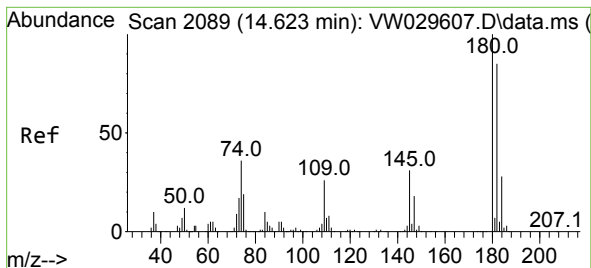


#68
1,2-Dibromo-3-chloropropane
Concen: 24.160 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31



Tgt Ion: 75 Resp: 15508
Ion Ratio Lower Upper
75 100
155 64.7 51.2 76.8
157 80.0 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 26.164 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

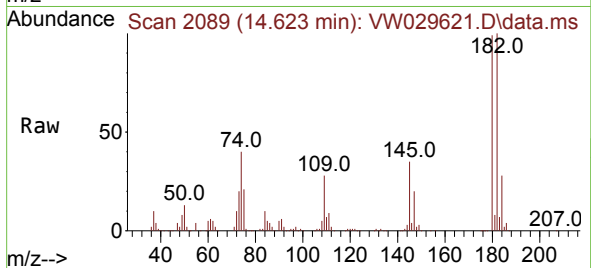
Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 119426

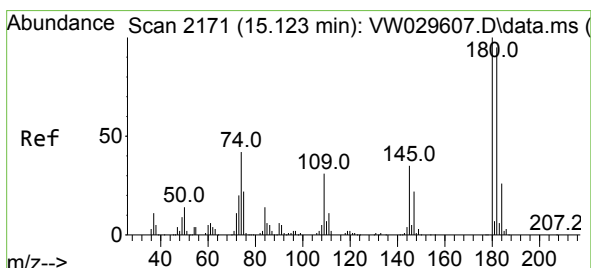
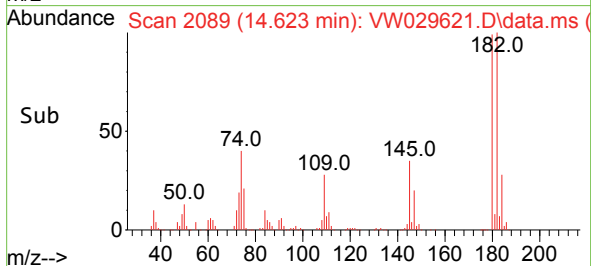
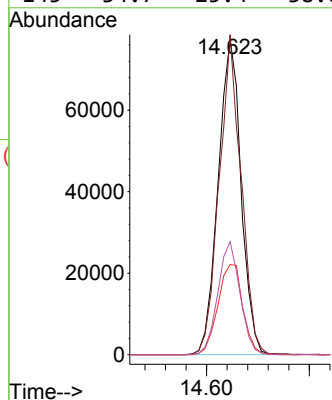
Ion Ratio Lower Upper

180 100

182 97.0 77.9 116.9

184 31.1 24.4 36.6

145 34.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 24.984 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029621.D

Acq: 17 Jul 2024 17:31

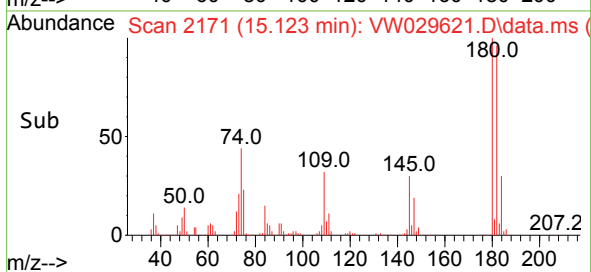
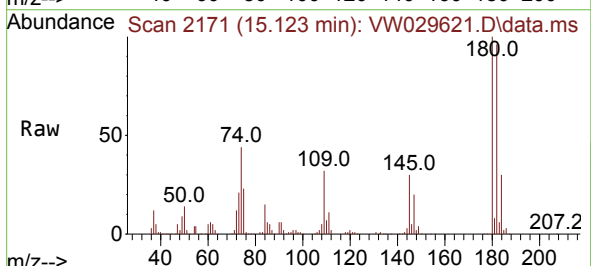
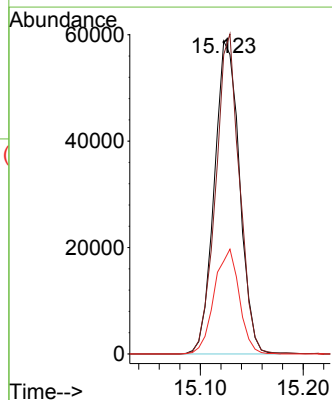
Tgt Ion:180 Resp: 100346

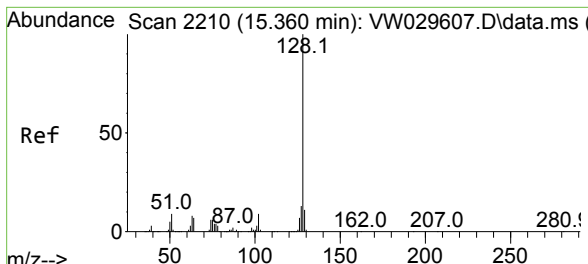
Ion Ratio Lower Upper

180 100

182 96.3 74.7 112.1

145 33.3 26.2 39.2

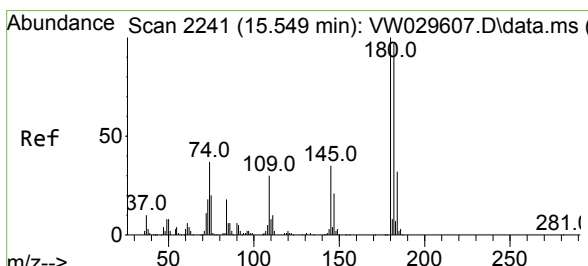
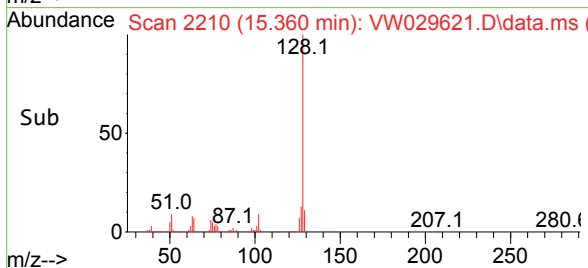
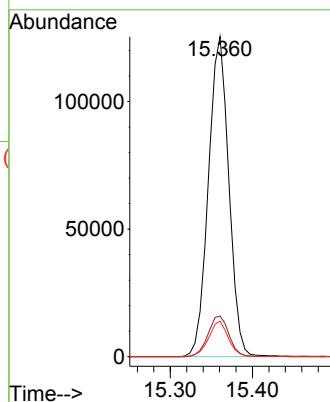
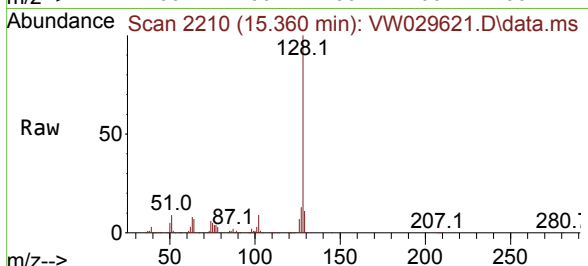




#71
Naphthalene
Concen: 25.689 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 216555
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.7 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.397 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW029621.D
Acq: 17 Jul 2024 17:31

Tgt Ion:180 Resp: 89027
Ion Ratio Lower Upper
180 100
182 98.2 73.4 110.0
145 35.1 26.9 40.3

