

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071824\
 Data File : VW029623.D
 Acq On : 18 Jul 2024 09:30
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 19 01:02:06 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	256807	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234109	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114734	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88679	21.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.520%
7) Chloroethane-d5	2.899	69	71846	24.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	4.021	65	43322	23.255	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.040%
21) 2-Butanone-d5	7.075	46	51444	41.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.620%
24) Chloroform-d	7.648	84	194098	26.144	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.560%
26) 1,2-Dichloroethane-d4	8.307	65	108855	24.998	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.276	84	354331	25.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.080%
36) 1,2-Dichloropropane-d6	9.270	67	118287	26.379	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.520%
41) Toluene-d8	10.318	98	316460	25.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.575	79	44022	23.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.720%
47) 2-Hexanone-d5	10.922	63	35680	43.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85835	23.576	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	97488	24.398	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50166	19.949	ug/L	88
3) Chloromethane	2.228	50	74173	22.045	ug/L	94
5) Vinyl chloride	2.375	62	97196	25.314	ug/L	95
6) Bromomethane	2.789	94	57984	25.505	ug/L	98
8) Chloroethane	2.942	64	63815	27.010	ug/L	100
9) Trichlorofluoromethane	3.271	101	87513	25.320	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85484	25.132	ug/L	95
12) 1,1-Dichloroethene	4.045	96	81913	25.649	ug/L	93
13) Acetone	4.118	43	61601	49.009	ug/L	99
14) Carbon disulfide	4.393	76	240214	23.161	ug/L	100
15) Methyl Acetate	4.667	43	46363	21.009	ug/L	98
16) Methylene chloride	4.917	84	106810	23.231	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	89786	25.396	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	148006	24.605	ug/L	99
19) 1,1-Dichloroethane	6.222	63	199651	27.498	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	102861	26.607	ug/L	95
22) 2-Butanone	7.167	43	71402	43.271	ug/L	97
23) Bromochloromethane	7.514	128	43021	24.740	ug/L	95
25) Chloroform	7.679	83	195560	27.838	ug/L	96

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

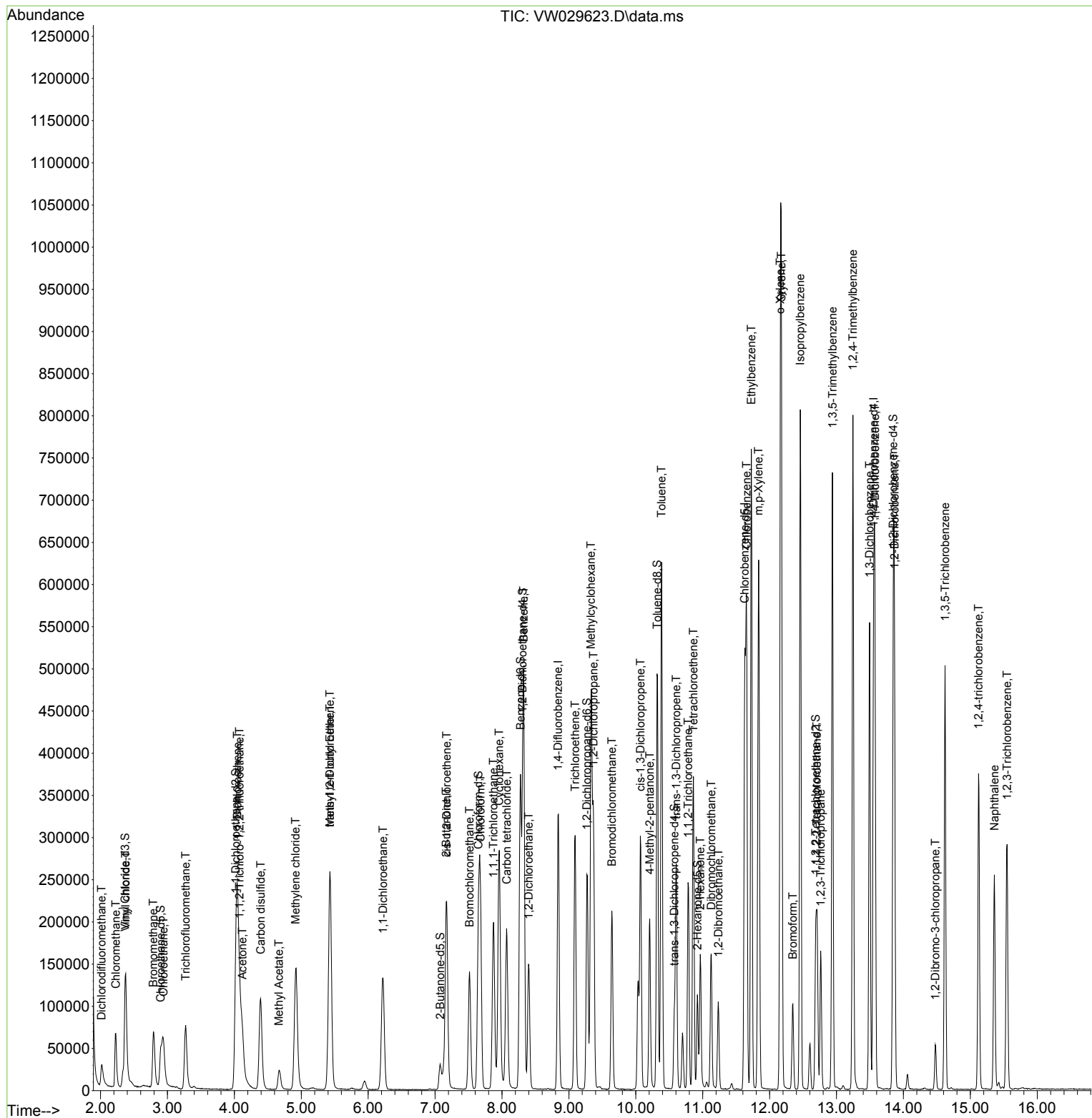
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138549	26.295	ug/L	98
29) Cyclohexane	7.959	56	160478	27.529	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	153008	28.621	ug/L	98
31) Carbon tetrachloride	8.069	117	138380	28.264	ug/L	97
33) Benzene	8.325	78	409353	27.947	ug/L	100
34) Trichloroethene	9.093	95	106634	27.568	ug/L	95
35) Methylcyclohexane	9.331	83	176092	28.323	ug/L	98
37) 1,2-Dichloropropane	9.367	63	115464	28.507	ug/L	100
38) Bromodichloromethane	9.642	83	139763	28.250	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	167202	27.484	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	139129	48.738	ug/L	99
42) Toluene	10.386	91	427650	28.539	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138429	26.548	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	74030	25.413	ug/L	98
46) Tetrachloroethene	10.861	164	77048	28.037	ug/L	90
48) 2-Hexanone	10.965	43	105162	49.036	ug/L	100
49) Dibromochloromethane	11.129	129	79720	26.297	ug/L	90
50) 1,2-Dibromoethane	11.233	107	68772	24.774	ug/L	99
51) Chlorobenzene	11.654	112	262005	27.047	ug/L	96
52) Ethylbenzene	11.727	91	495420	29.181	ug/L	96
53) m,p-Xylene	11.836	106	183107	29.380	ug/L	98
54) o-Xylene	12.160	106	174848	30.332	ug/L	92
55) Styrene	12.178	104	299433	29.541	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	88353	24.045	ug/L	97
59) Bromoform	12.349	173	42481	23.986	ug/L	99
60) Isopropylbenzene	12.458	105	482509	29.889	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65988	23.765	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	361181	31.453	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	390111	30.781	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	199929	27.630	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	203163	27.406	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	173753	26.564	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14270	21.497	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	131130	27.779	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	107371	25.850	ug/L	98
71) Naphthalene	15.360	128	197379	22.640	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	90696	24.033	ug/L	99

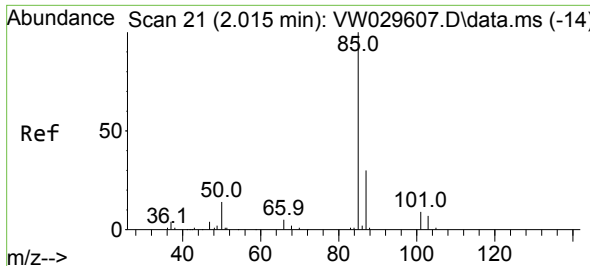
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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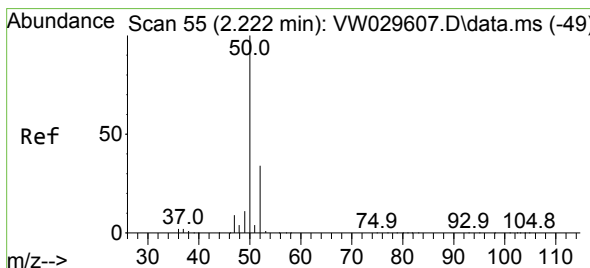
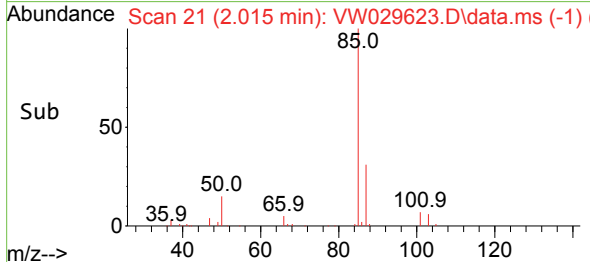
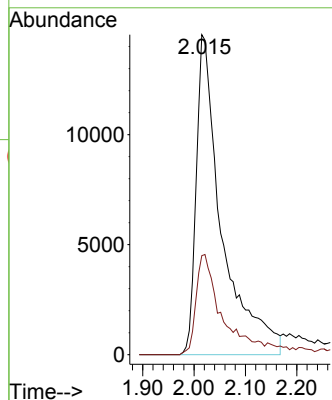
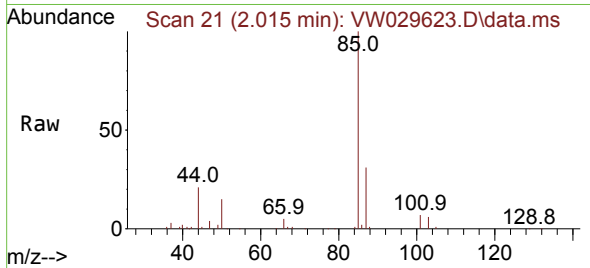




#2
 Dichlorodifluoromethane
 Concen: 19.949 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029623.D
 Acq: 18 Jul 2024 09:30

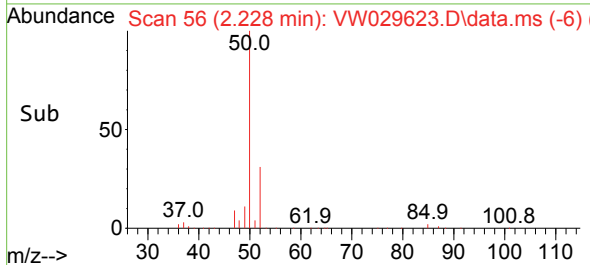
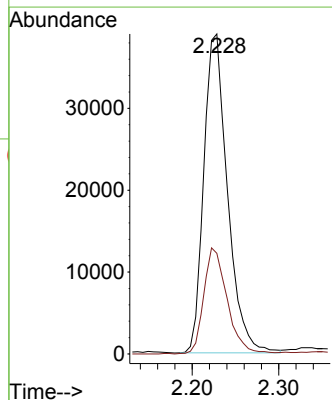
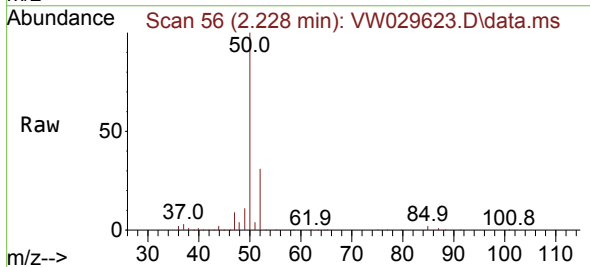
Instrument :
 MSVOA_W
 ClientSampleId :

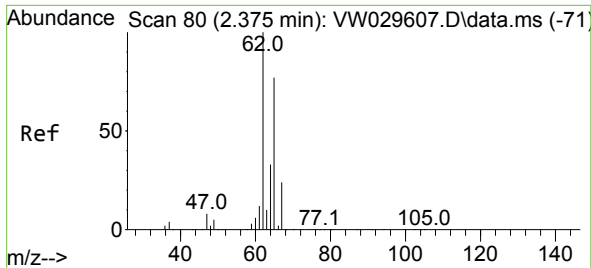
Tgt Ion: 85 Resp: 50166
 Ion Ratio Lower Upper
 85 100
 87 26.1 26.1 39.1



#3
 Chloromethane
 Concen: 22.045 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW029623.D
 Acq: 18 Jul 2024 09:30

Tgt Ion: 50 Resp: 74173
 Ion Ratio Lower Upper
 50 100
 52 31.4 24.4 45.2

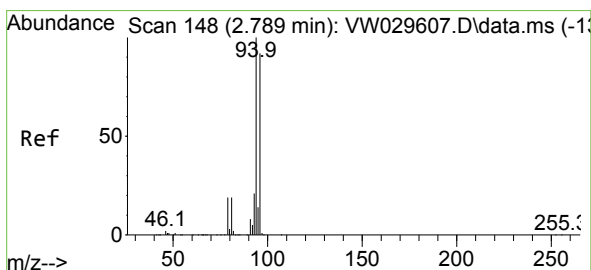
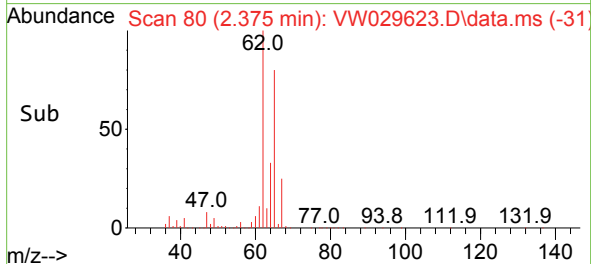
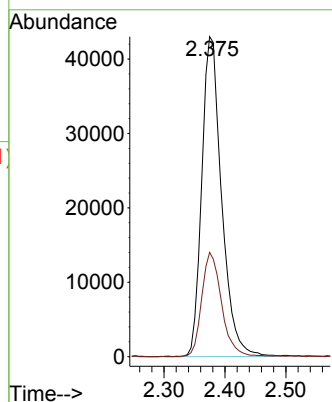
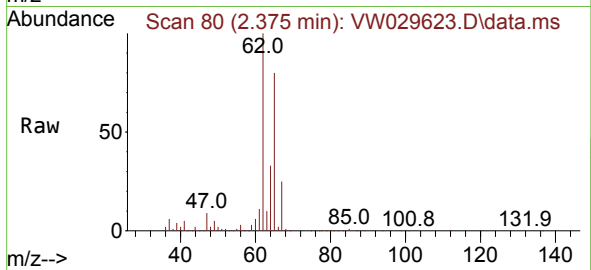




#5
 Vinyl chloride
 Concen: 25.314 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029623.D
 Acq: 18 Jul 2024 09:30

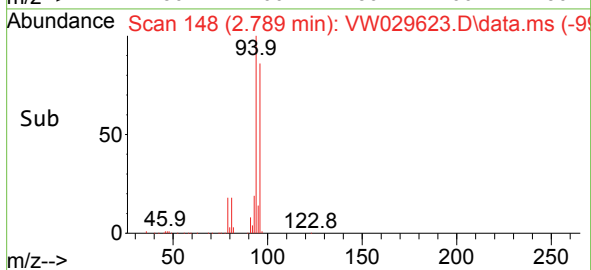
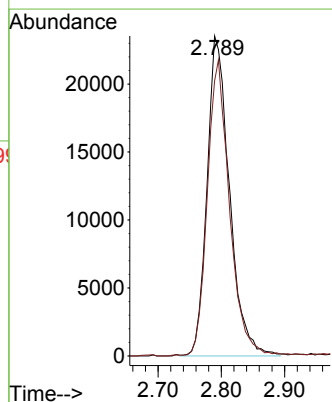
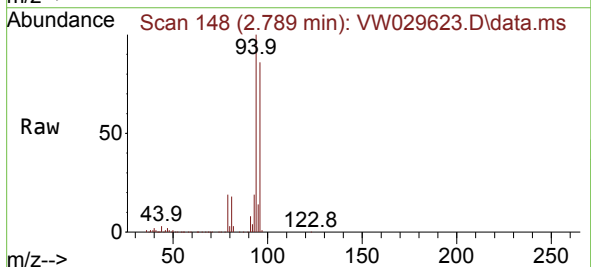
Instrument :
 MSVOA_W
 ClientSampleId :

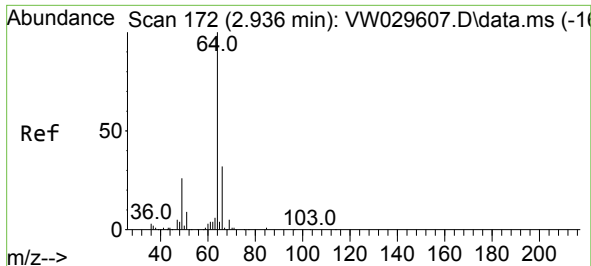
Tgt Ion: 62 Resp: 97196
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.1 46.5



#6
 Bromomethane
 Concen: 25.505 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029623.D
 Acq: 18 Jul 2024 09:30

Tgt Ion: 94 Resp: 57984
 Ion Ratio Lower Upper
 94 100
 96 85.9 61.7 114.7

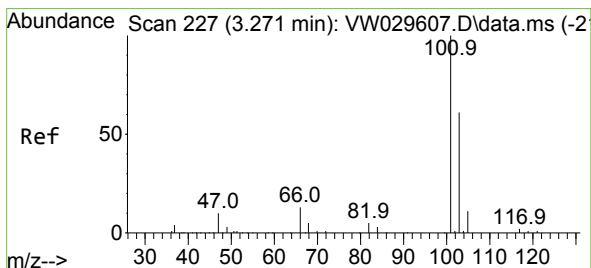
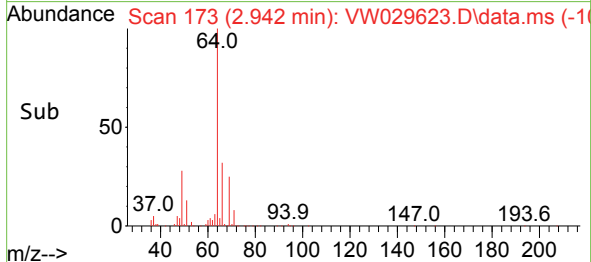
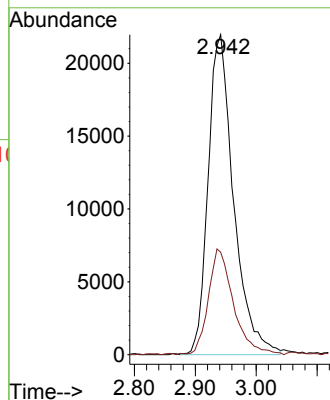
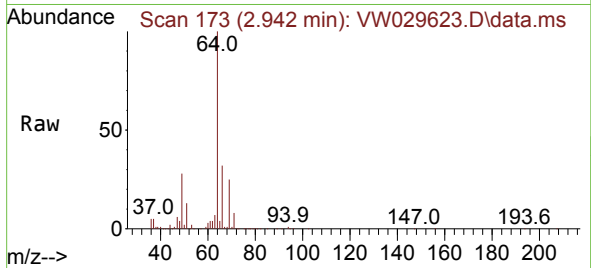




#8
Chloroethane
Concen: 27.010 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

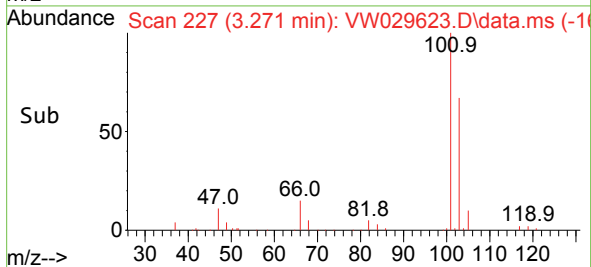
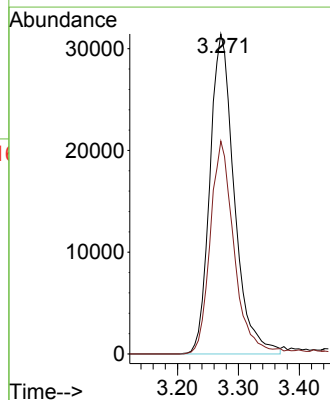
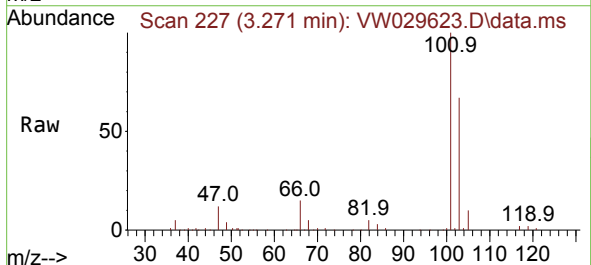
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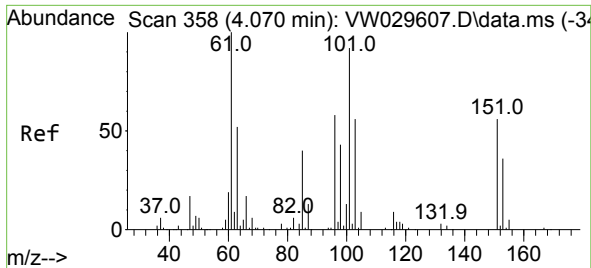
Tgt Ion: 64 Resp: 63815
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 25.320 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion:101 Resp: 87513
Ion Ratio Lower Upper
101 100
103 64.5 49.6 74.4

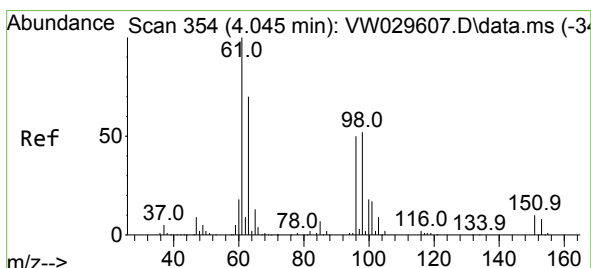
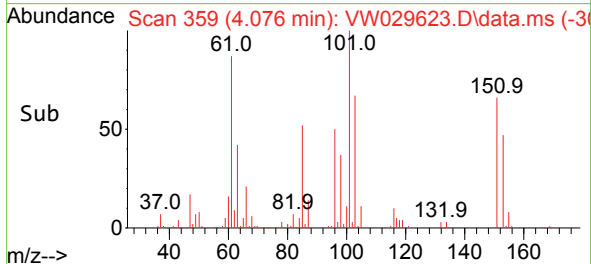
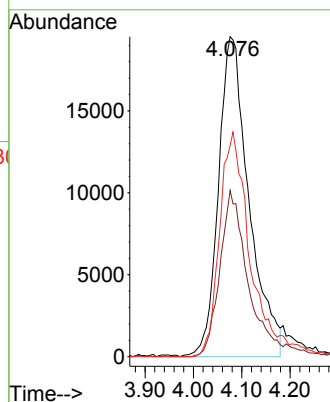
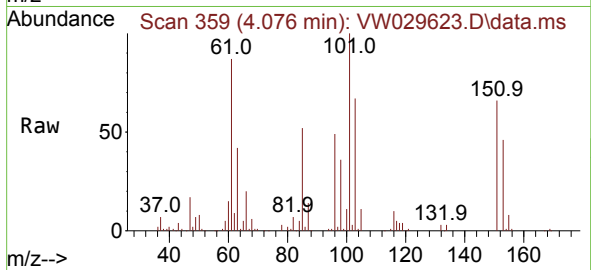




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.132 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029623.D
 Acq: 18 Jul 2024 09:30

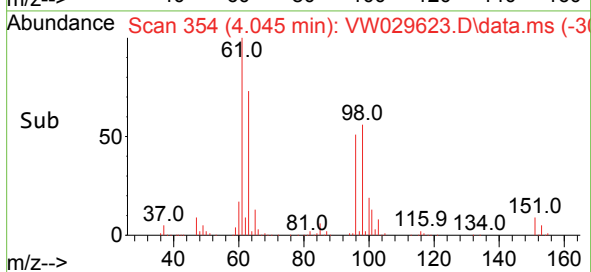
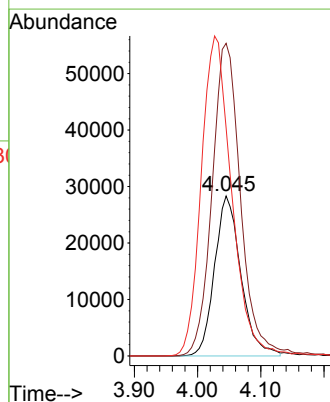
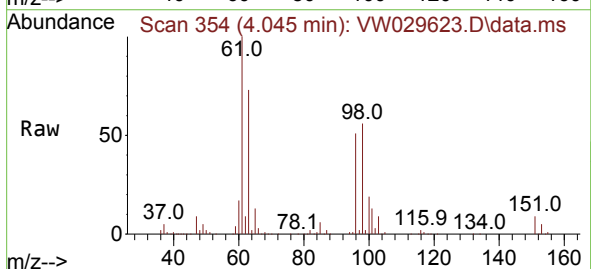
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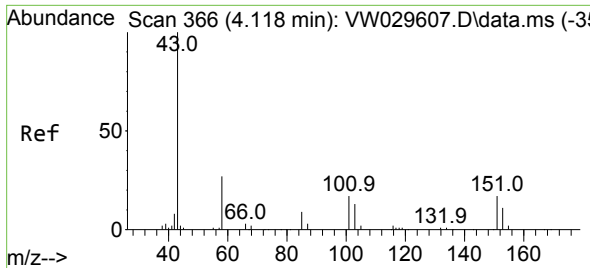
Tgt Ion:101 Resp: 85484
 Ion Ratio Lower Upper
 101 100
 85 47.5 33.8 50.8
 151 67.2 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 25.649 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW029623.D
 Acq: 18 Jul 2024 09:30

Tgt Ion: 96 Resp: 81913
 Ion Ratio Lower Upper
 96 100
 61 195.3 132.4 245.8
 63 142.4 108.4 201.2





#13

Acetone

Concen: 49.009 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

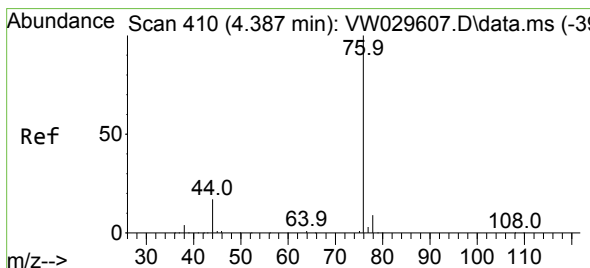
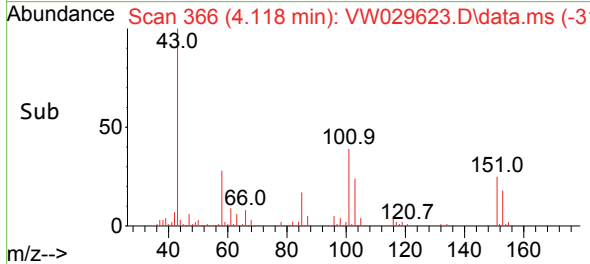
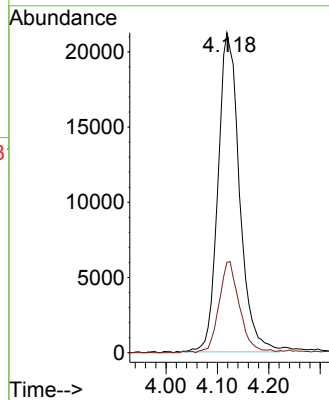
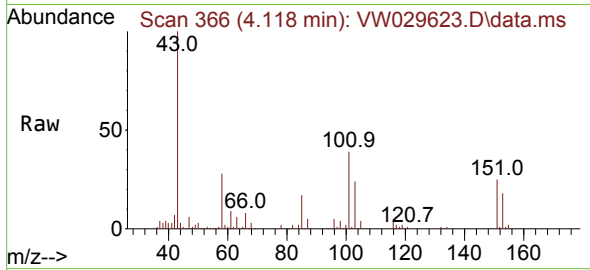
ClientSampleId :

Tgt Ion: 43 Resp: 61601

Ion Ratio Lower Upper

43 100

58 27.1 0.0 55.6



#14

Carbon disulfide

Concen: 23.161 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW029623.D

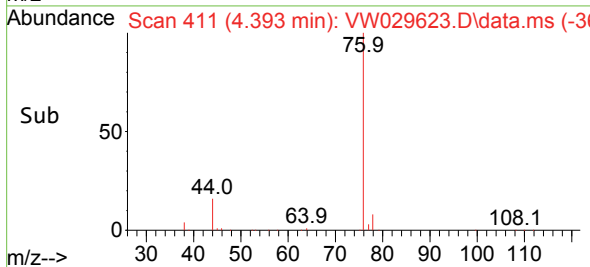
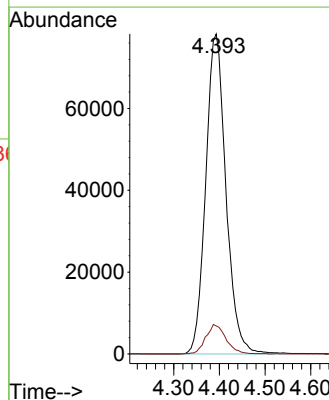
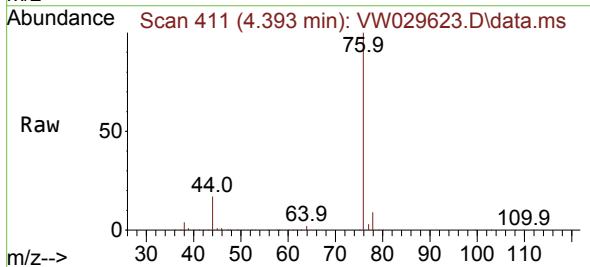
Acq: 18 Jul 2024 09:30

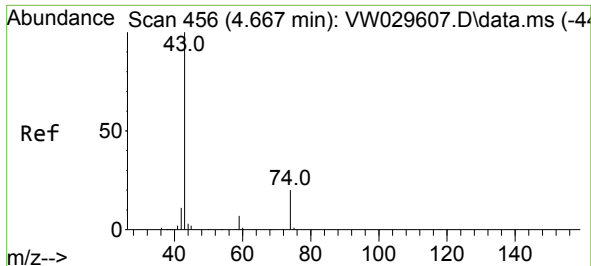
Tgt Ion: 76 Resp: 240214

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4

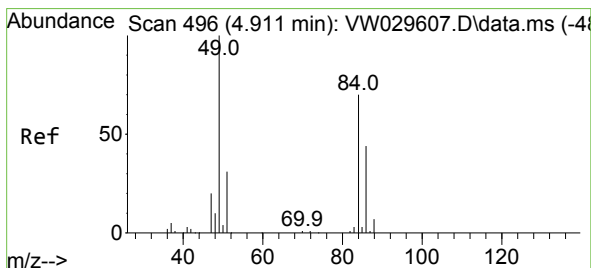
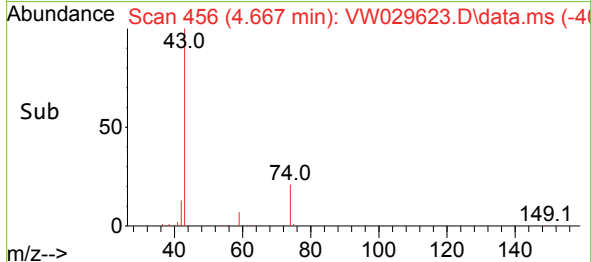
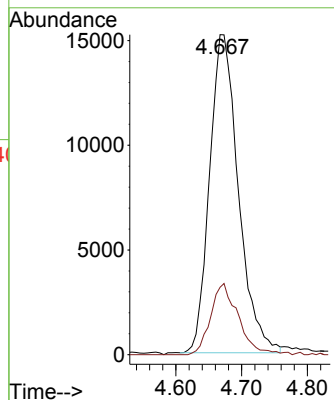
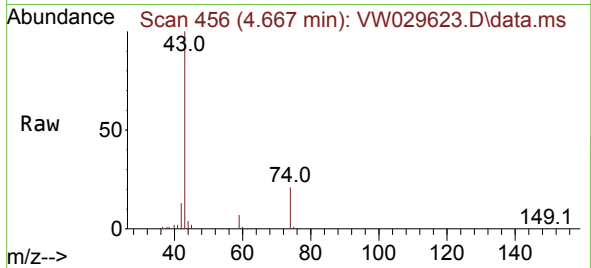




#15
Methyl Acetate
Concen: 21.009 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

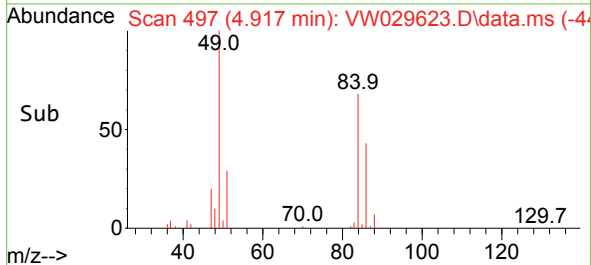
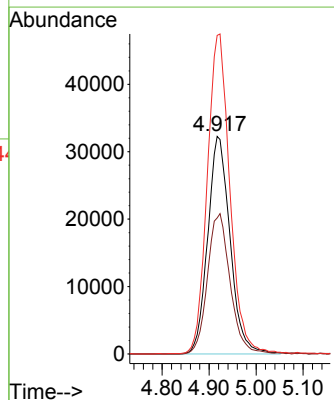
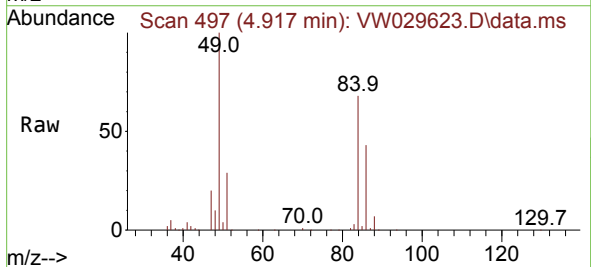
Instrument :
MSVOA_W
ClientSampleId :

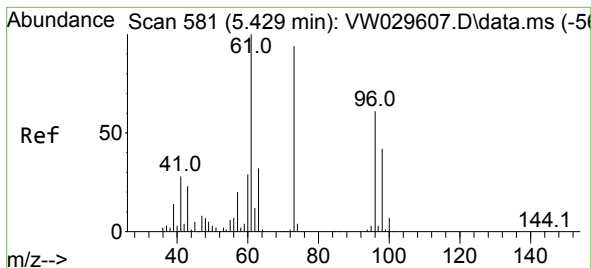
Tgt Ion: 43 Resp: 46363
Ion Ratio Lower Upper
43 100
74 21.0 16.2 24.4



#16
Methylene chloride
Concen: 23.231 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion: 84 Resp: 106810
Ion Ratio Lower Upper
84 100
86 62.5 46.2 85.8
49 146.3 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 25.396 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

ClientSampleId :

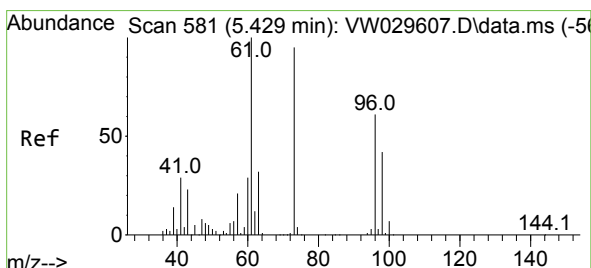
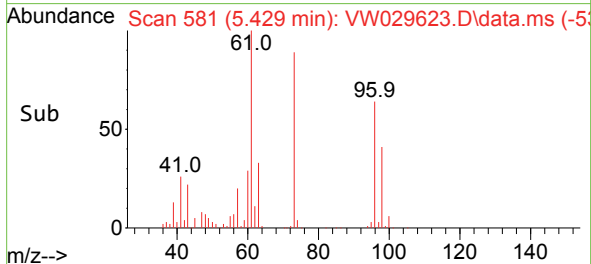
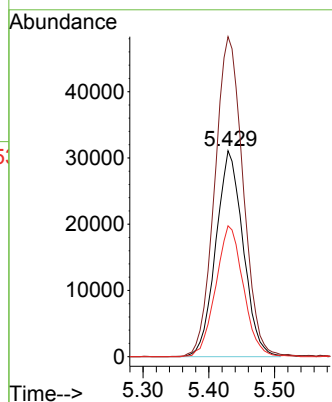
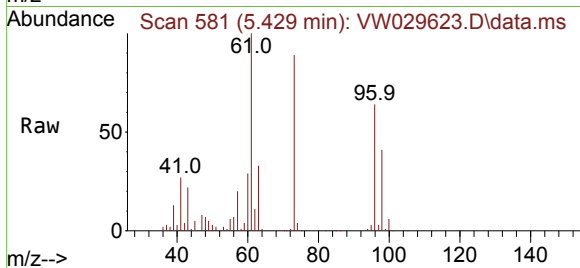
Tgt Ion: 96 Resp: 89786

Ion Ratio Lower Upper

96 100

61 155.4 102.9 191.1

98 63.6 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 24.605 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

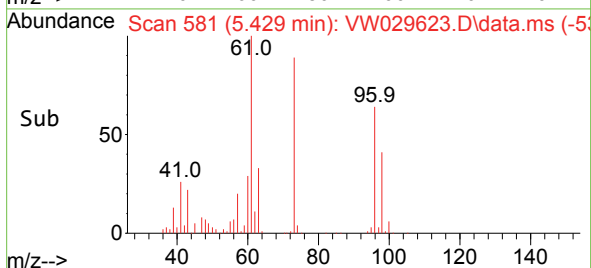
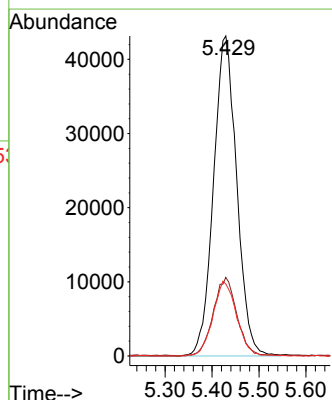
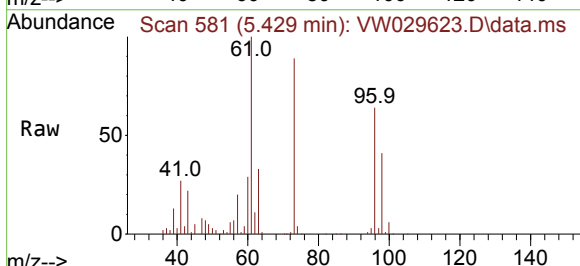
Tgt Ion: 73 Resp: 148006

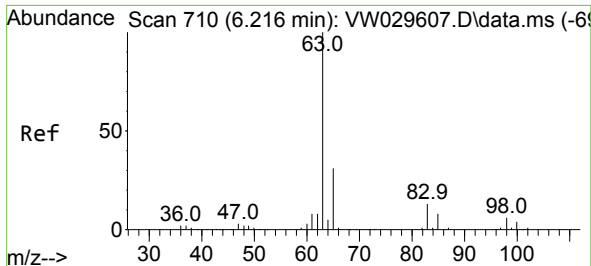
Ion Ratio Lower Upper

73 100

43 24.2 18.7 28.1

57 23.6 18.9 28.3





#19

1,1-Dichloroethane

Concen: 27.498 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

ClientSampleId :

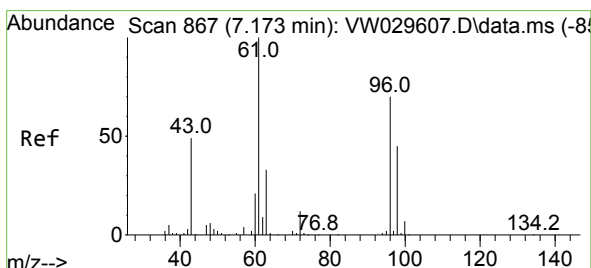
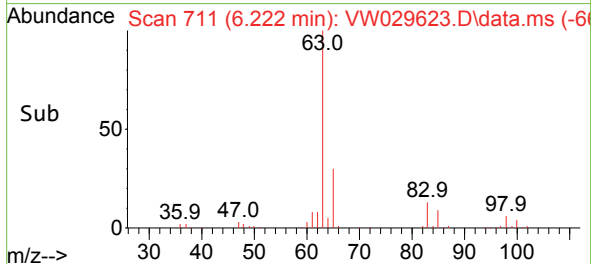
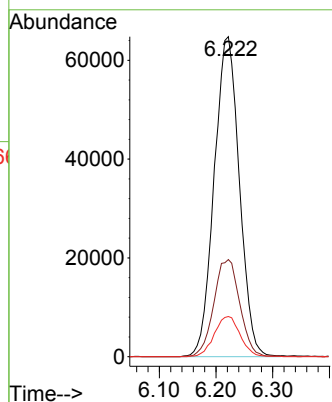
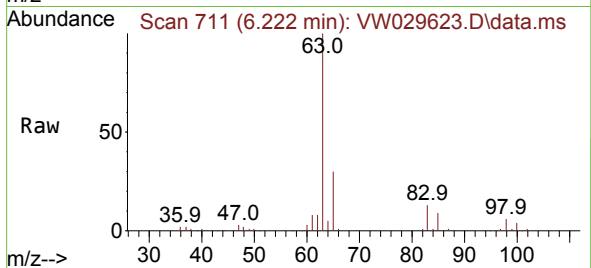
Tgt Ion: 63 Resp: 199651

Ion Ratio Lower Upper

63 100

65 30.3 21.5 39.9

83 12.5 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.607 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

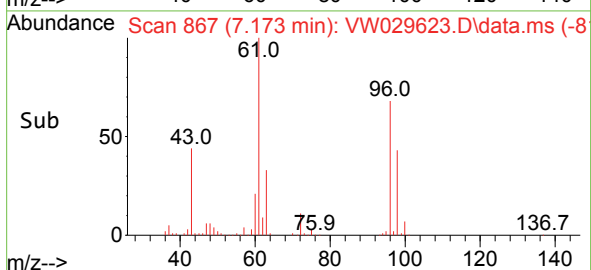
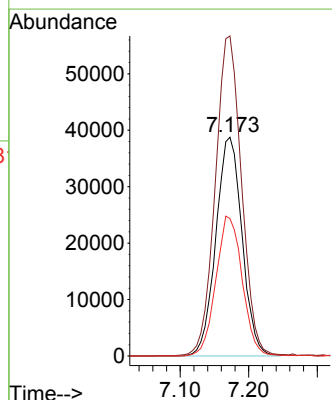
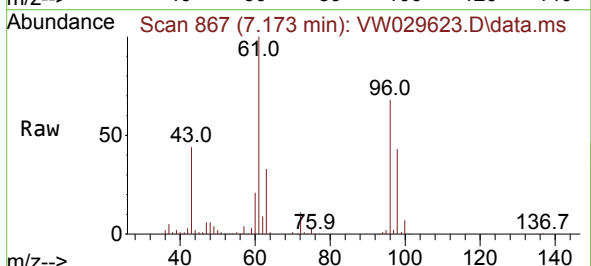
Tgt Ion: 96 Resp: 102861

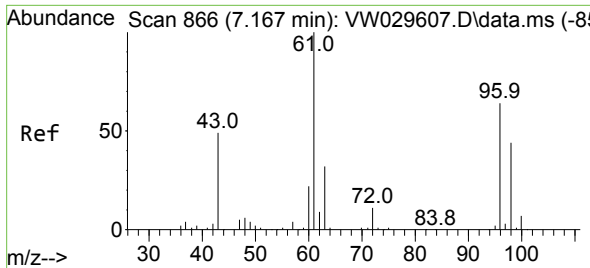
Ion Ratio Lower Upper

96 100

61 146.3 97.4 180.8

98 62.8 41.6 77.2

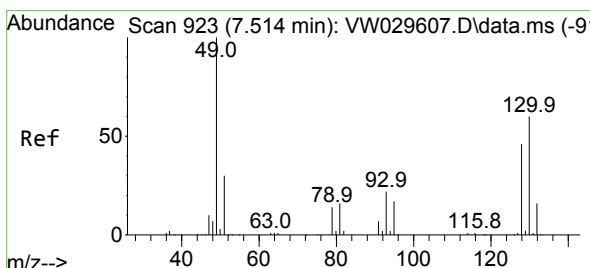
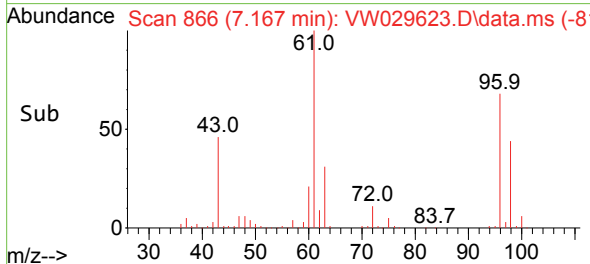
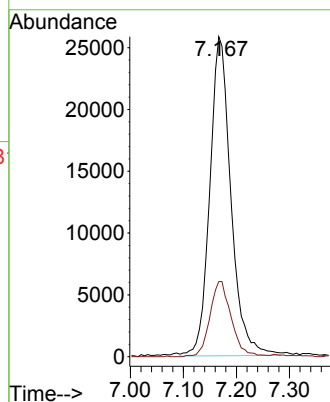
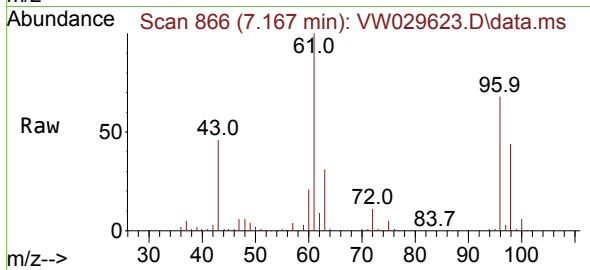




#22
2-Butanone
Concen: 43.271 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

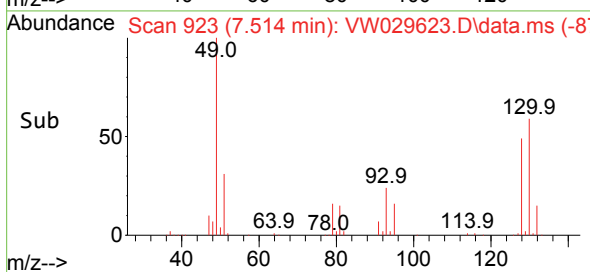
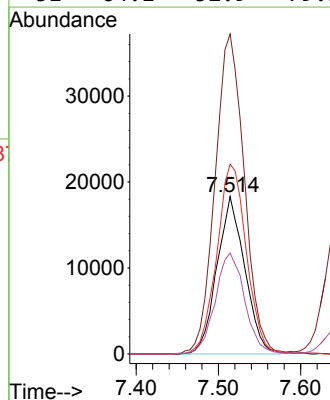
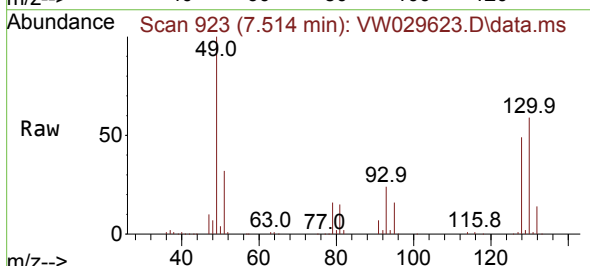
Instrument :
MSVOA_W
ClientSampleId :

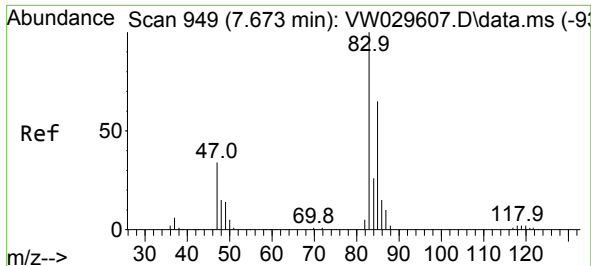
Tgt Ion: 43 Resp: 71402
Ion Ratio Lower Upper
43 100
72 22.6 12.0 36.1



#23
Bromochloromethane
Concen: 24.740 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion: 128 Resp: 43021
Ion Ratio Lower Upper
128 100
49 203.2 146.2 271.4
130 120.5 91.9 170.7
51 64.1 52.9 79.3

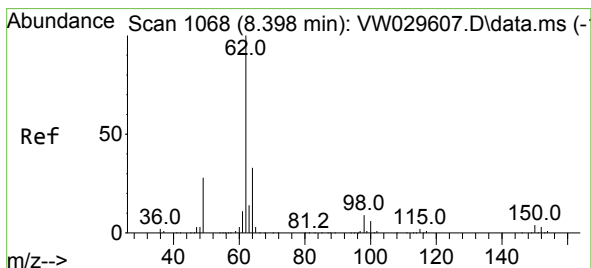
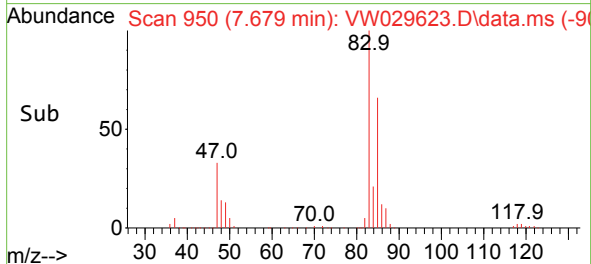
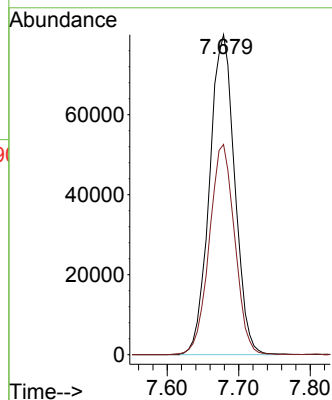
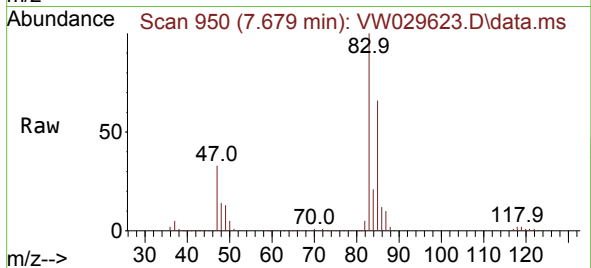




#25
Chloroform
Concen: 27.838 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

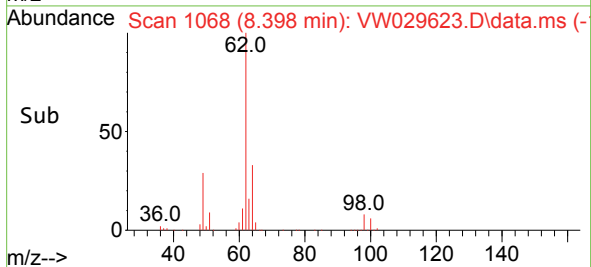
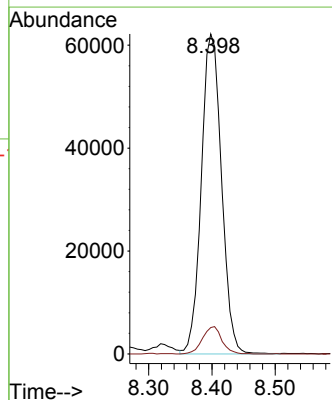
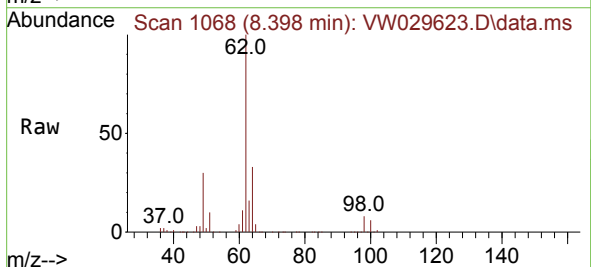
Instrument :
MSVOA_W
ClientSampleId :

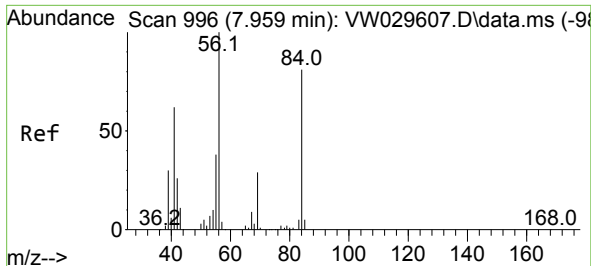
Tgt Ion: 83 Resp: 195560
Ion Ratio Lower Upper
83 100
85 65.7 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.295 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

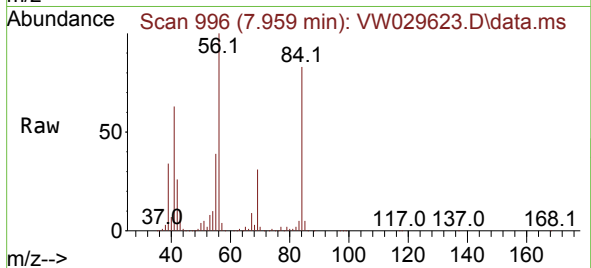
Tgt Ion: 62 Resp: 138549
Ion Ratio Lower Upper
62 100
98 8.2 6.0 9.0



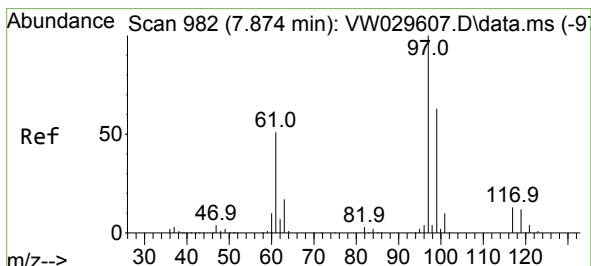
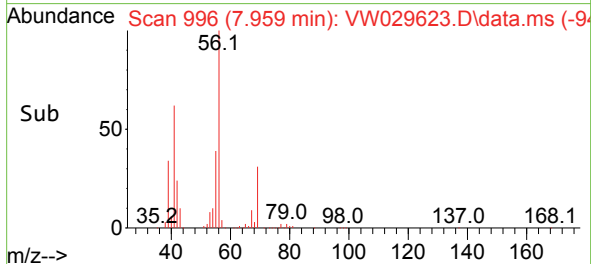
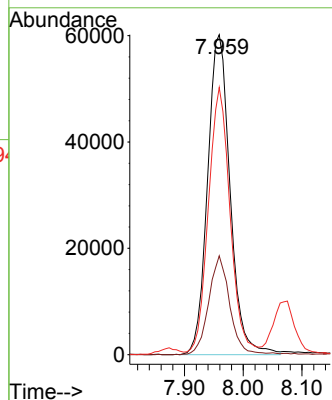


#29
Cyclohexane
Concen: 27.529 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Instrument :
MSVOA_W
ClientSampleId :

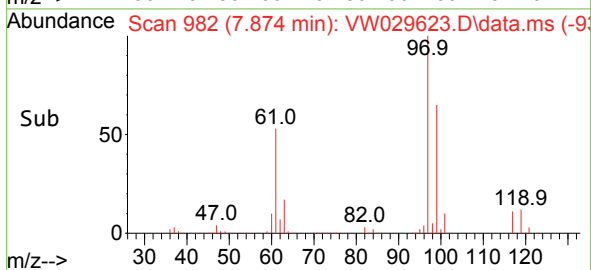
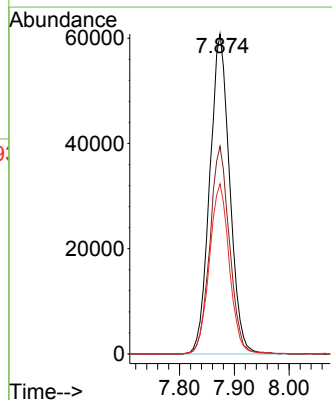
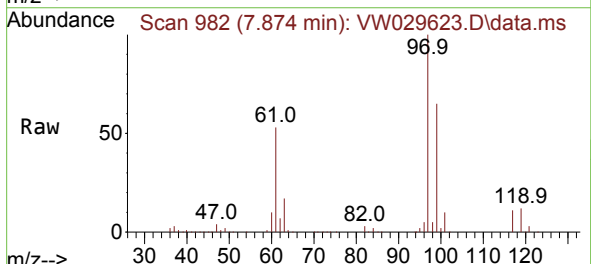


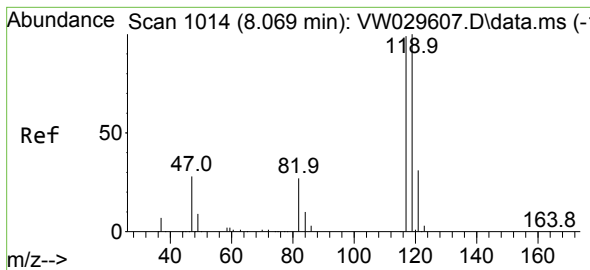
Tgt Ion: 56	Resp: 160478
Ion Ratio	Lower Upper
56 100	
69 28.7	23.3 34.9
84 80.4	63.1 94.7



#30
1,1,1-Trichloroethane
Concen: 28.621 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion: 97	Resp: 153008
Ion Ratio	Lower Upper
97 100	
99 64.0	51.1 76.7
61 53.3	40.6 61.0

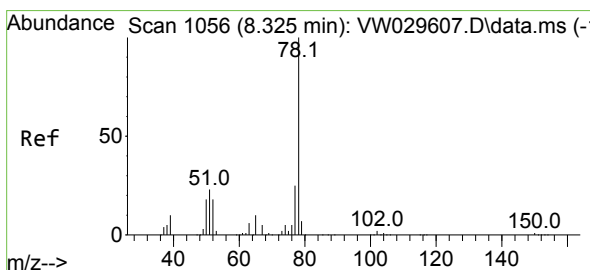
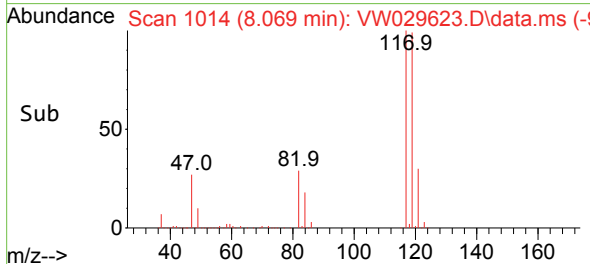
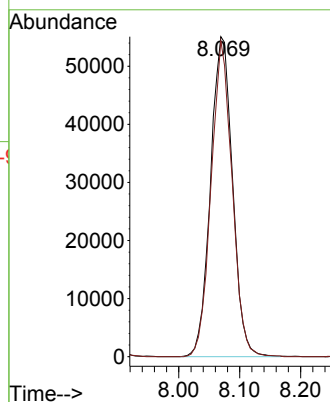
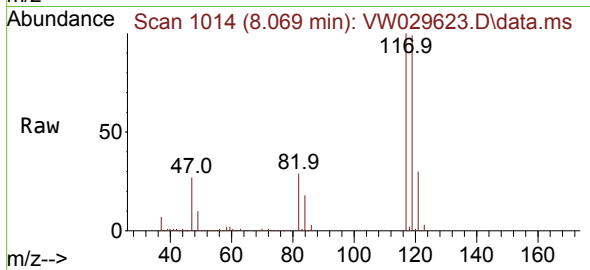




#31
Carbon tetrachloride
Concen: 28.264 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

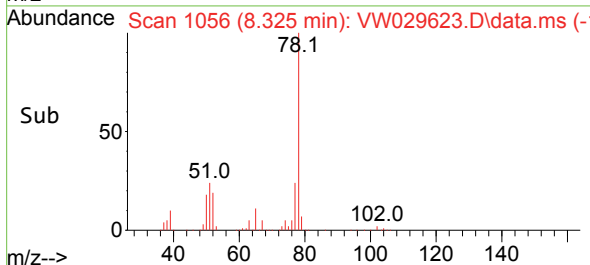
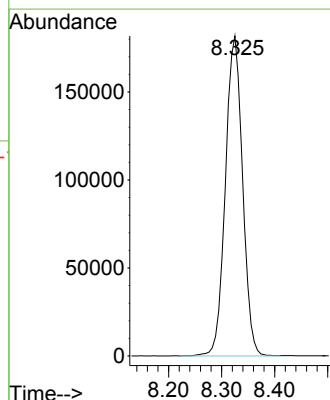
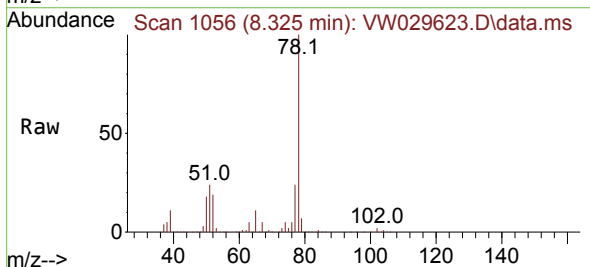
Instrument :
MSVOA_W
ClientSampleId :

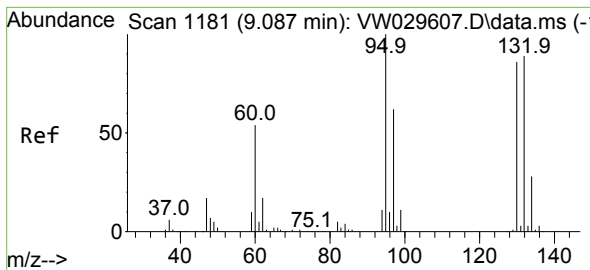
Tgt Ion:117 Resp: 138380
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.6



#33
Benzene
Concen: 27.947 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion: 78 Resp: 409353





#34

Trichloroethene

Concen: 27.568 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 106634

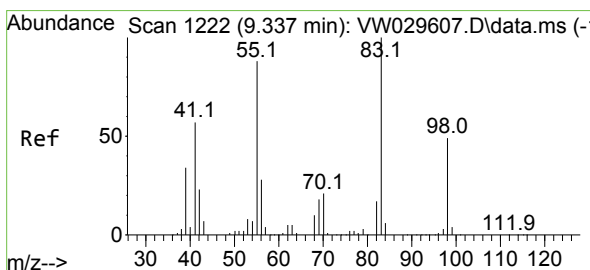
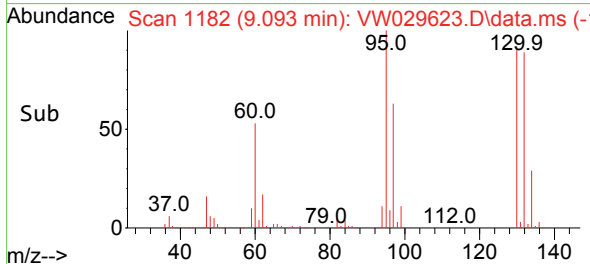
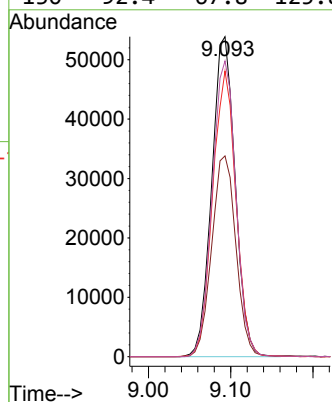
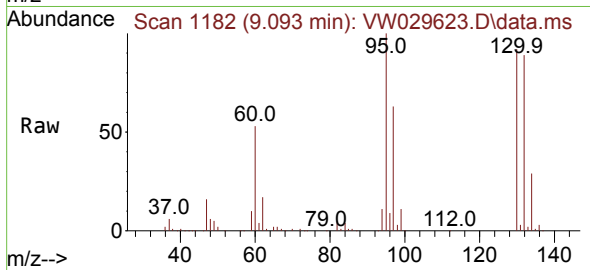
Ion Ratio Lower Upper

95 100

97 62.8 47.3 87.9

132 89.2 65.8 122.2

130 92.4 67.8 125.8



#35

Methylcyclohexane

Concen: 28.323 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

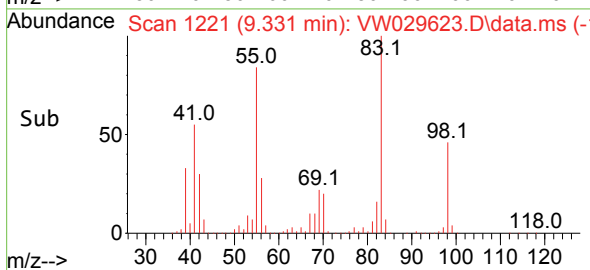
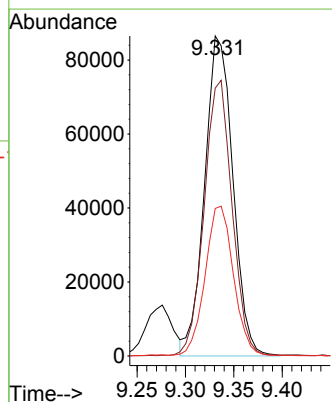
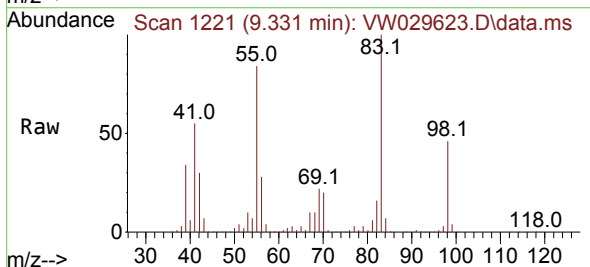
Tgt Ion: 83 Resp: 176092

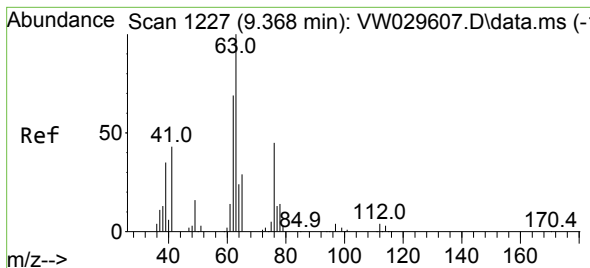
Ion Ratio Lower Upper

83 100

55 85.0 69.6 104.4

98 46.7 38.3 57.5

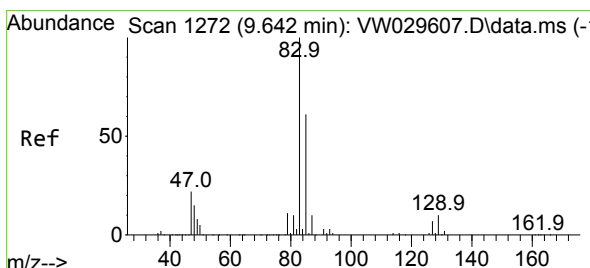
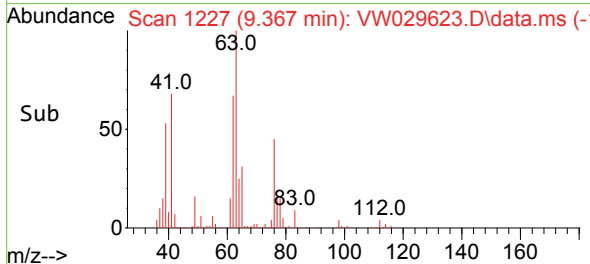
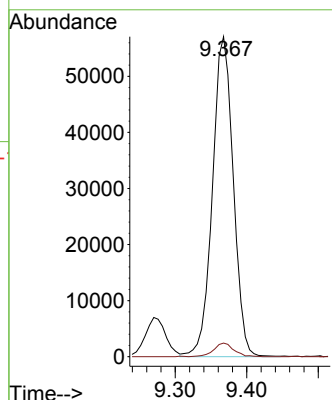
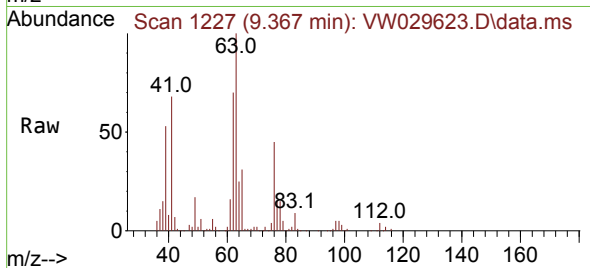




#37
1,2-Dichloropropane
Concen: 28.507 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

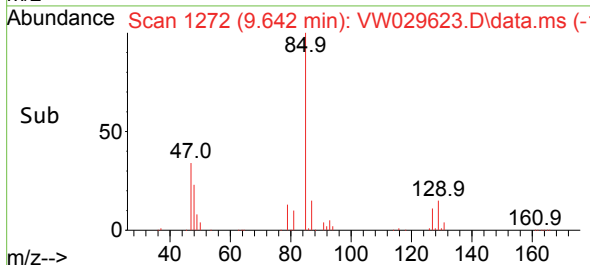
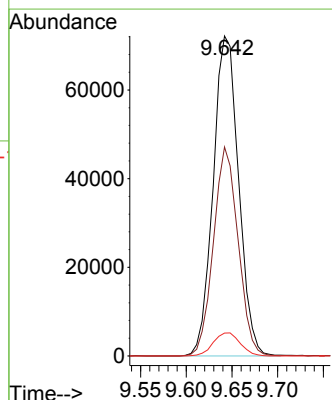
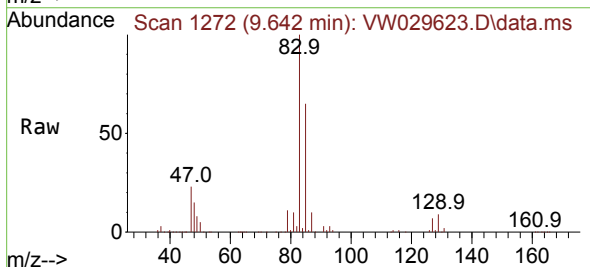
Instrument :
MSVOA_W
ClientSampleId :

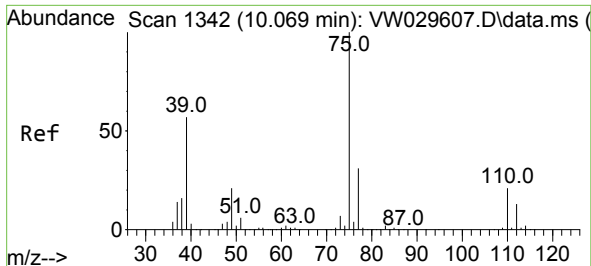
Tgt Ion: 63 Resp: 115464
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 28.250 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion: 83 Resp: 139763
Ion Ratio Lower Upper
83 100
85 65.3 46.1 85.5
127 7.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 27.484 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

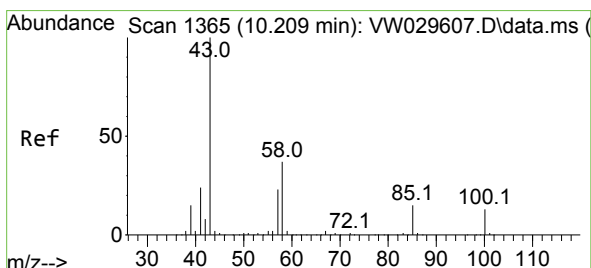
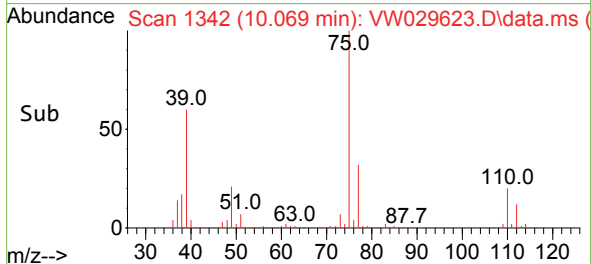
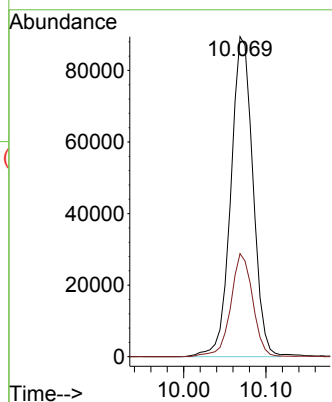
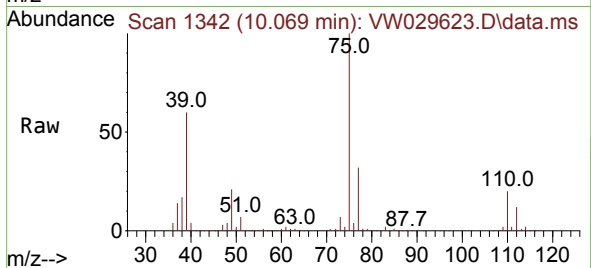
ClientSampleId :

Tgt Ion: 75 Resp: 167202

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 48.738 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

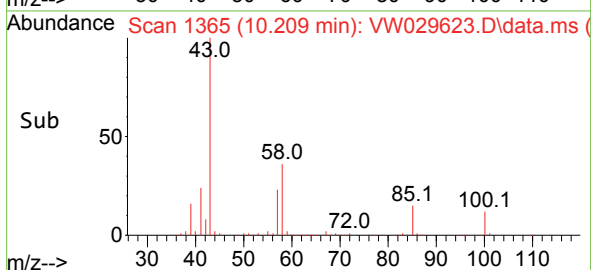
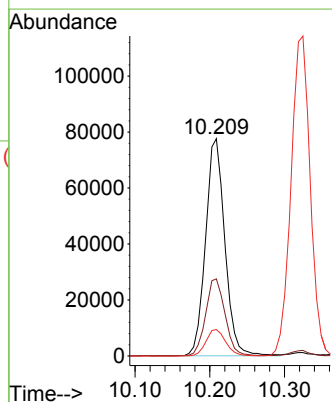
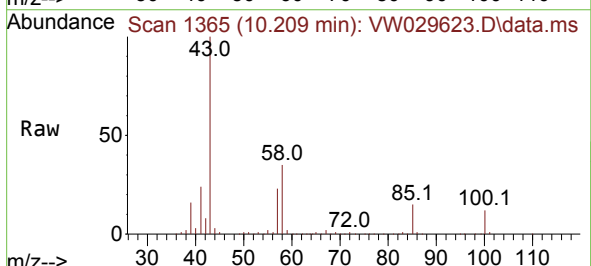
Tgt Ion: 43 Resp: 139129

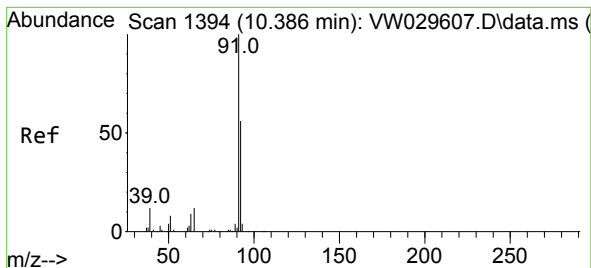
Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6

100 12.5 10.5 15.7





#42

Toluene

Concen: 28.539 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

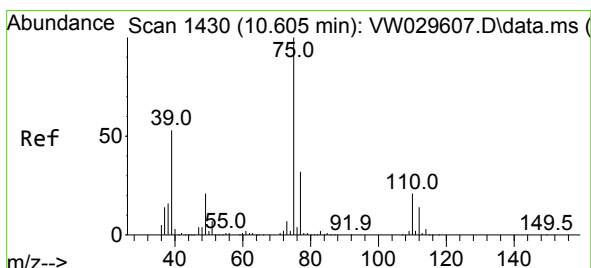
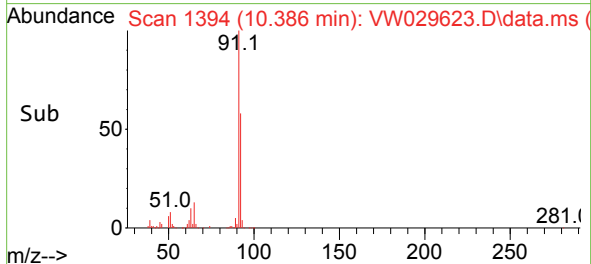
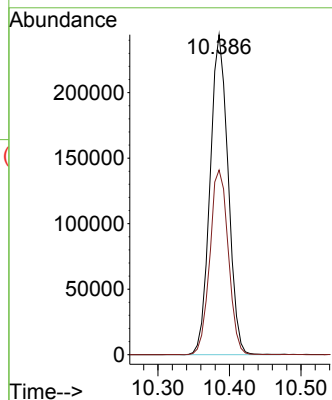
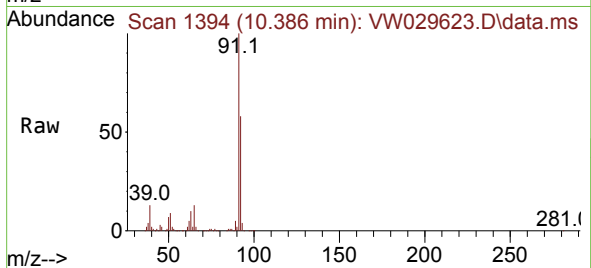
ClientSampleId :

Tgt Ion: 91 Resp: 427650

Ion Ratio Lower Upper

91 100

92 57.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 26.548 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029623.D

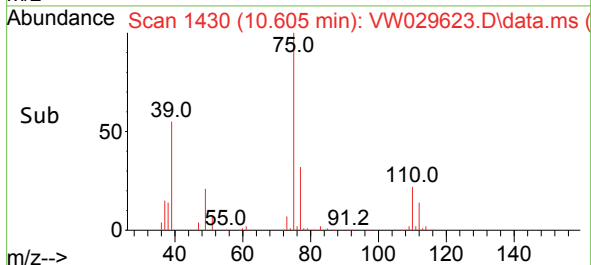
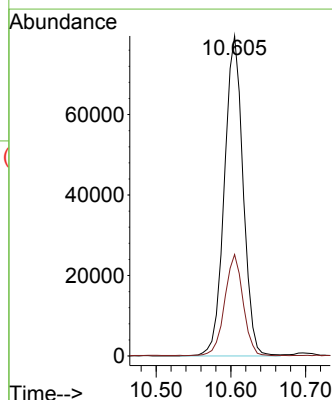
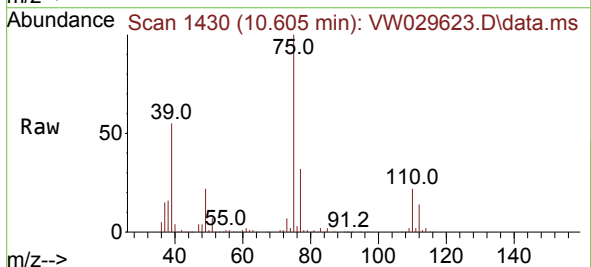
Acq: 18 Jul 2024 09:30

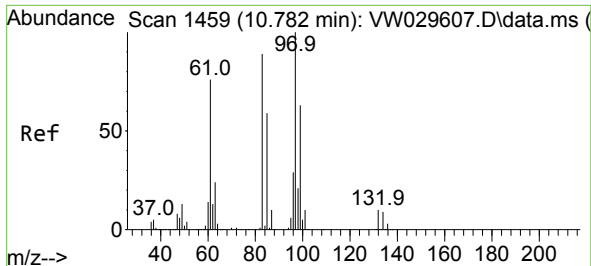
Tgt Ion: 75 Resp: 138429

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 25.413 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 74030

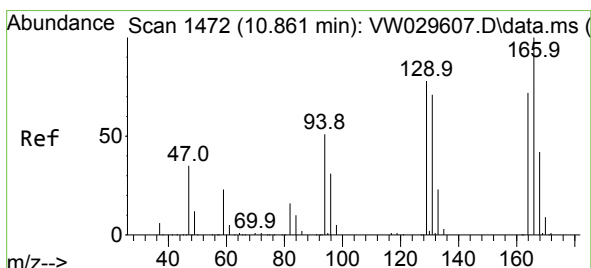
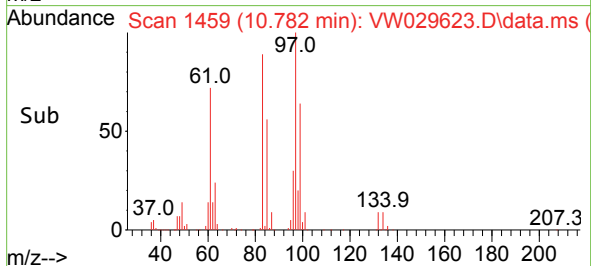
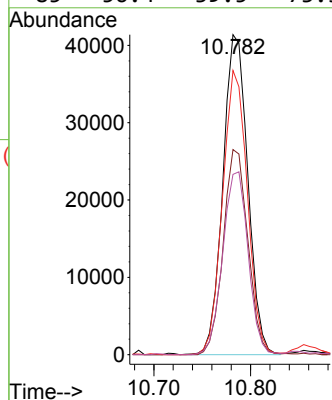
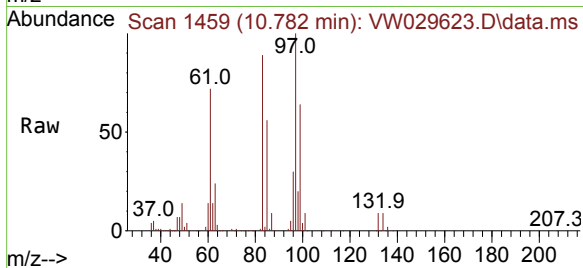
Ion Ratio Lower Upper

97 100

99 64.1 43.8 81.4

83 88.8 60.3 111.9

85 56.4 39.5 73.3



#46

Tetrachloroethene

Concen: 28.037 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Tgt Ion:164 Resp: 77048

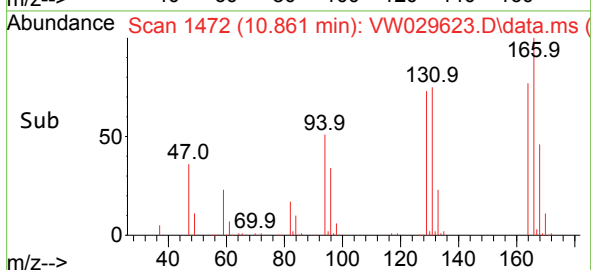
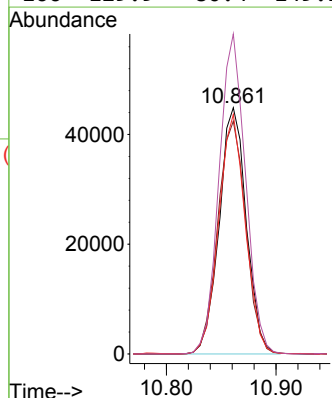
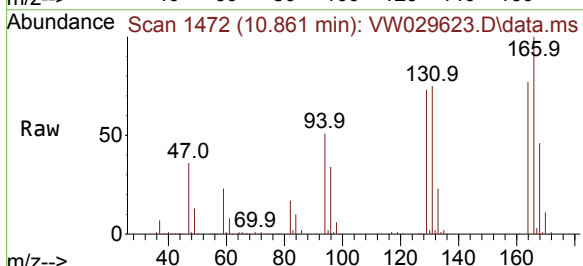
Ion Ratio Lower Upper

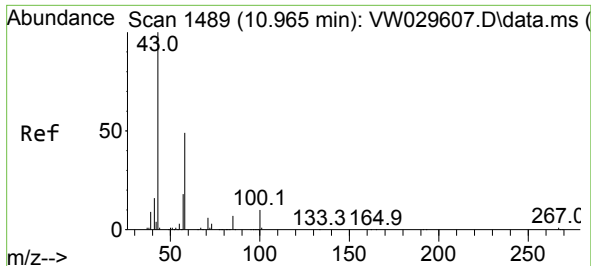
164 100

129 94.5 60.0 111.4

131 97.3 64.6 120.0

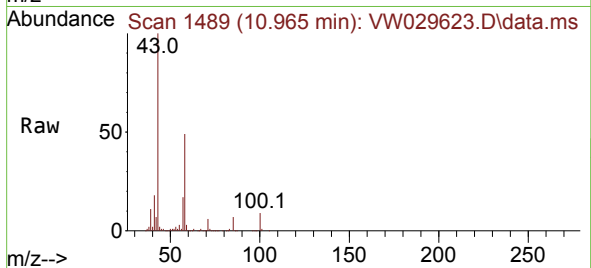
166 129.9 80.4 149.2





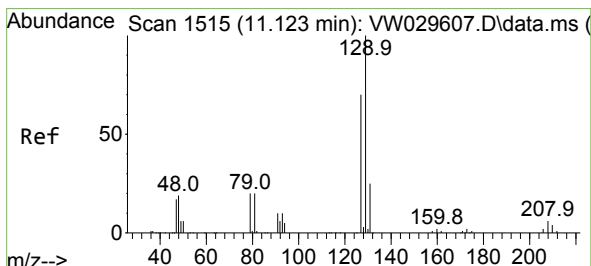
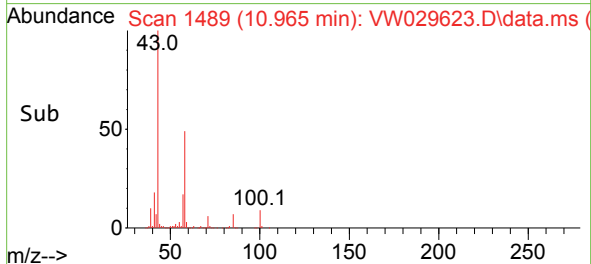
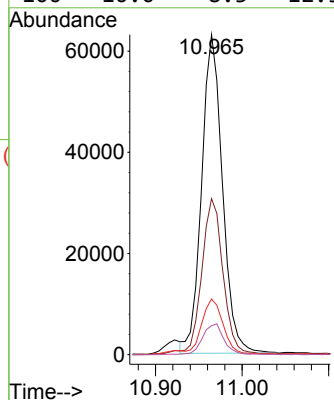
#48
2-Hexanone
Concen: 49.036 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 105162

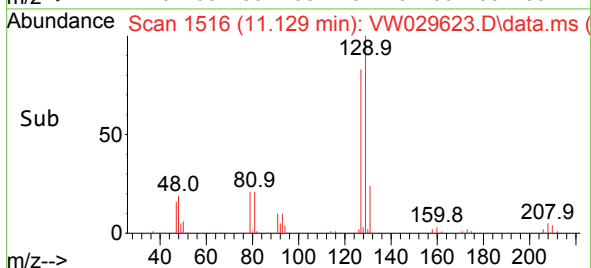
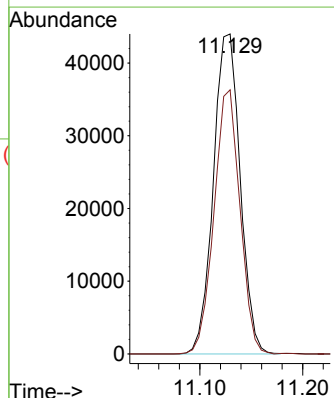
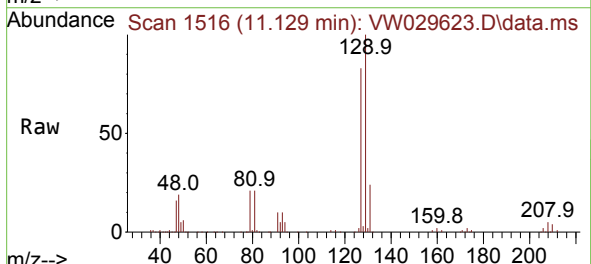
Ion	Ratio	Lower	Upper
43	100		
58	49.7	39.8	59.8
57	18.1	14.6	21.8
100	10.0	8.3	12.5

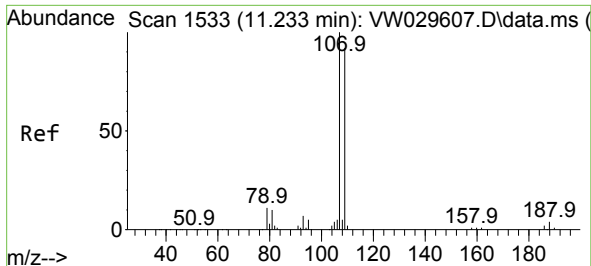


#49
Dibromochloromethane
Concen: 26.297 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion: 129 Resp: 79720

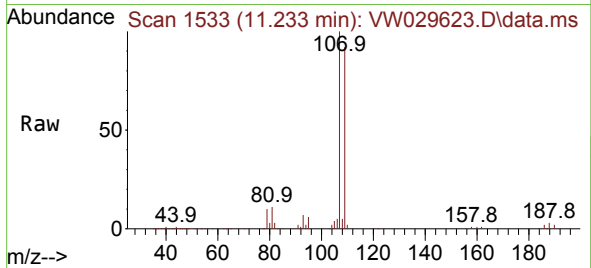
Ion	Ratio	Lower	Upper
129	100		
127	82.6	51.9	96.3



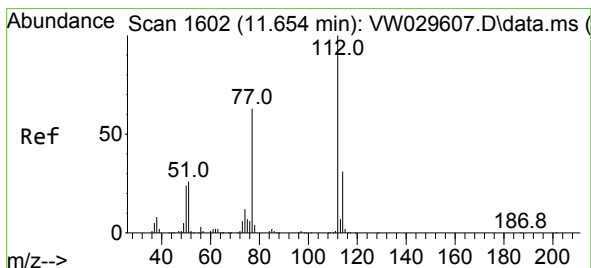
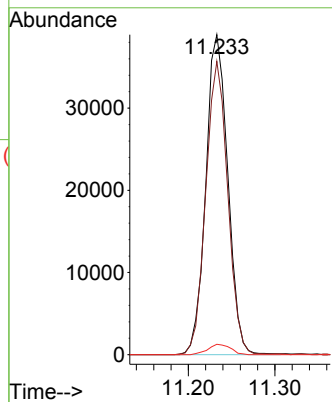
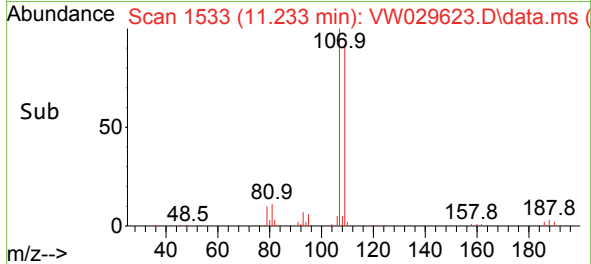


#50
1,2-Dibromoethane
Concen: 24.774 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Instrument :
MSVOA_W
ClientSampleId :

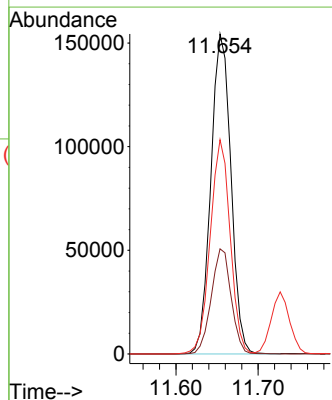
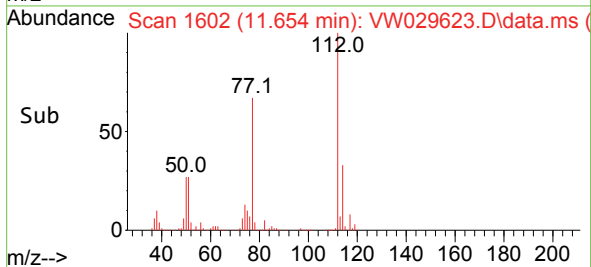
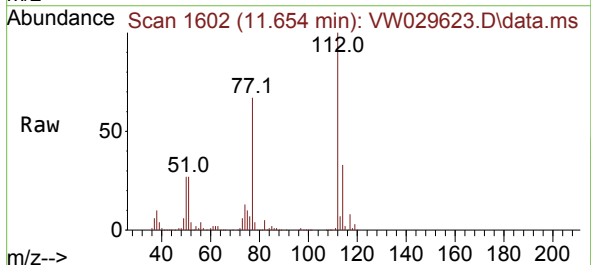


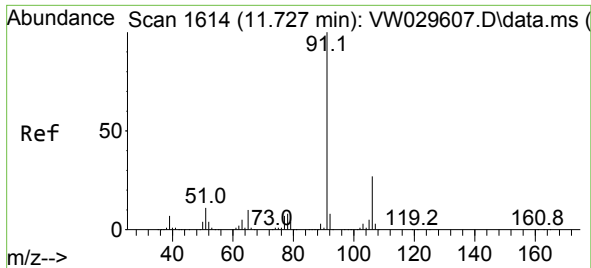
Tgt Ion:107 Resp: 68772
Ion Ratio Lower Upper
107 100
109 91.7 63.2 117.4
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 27.047 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion:112 Resp: 262005
Ion Ratio Lower Upper
112 100
114 32.9 22.6 42.0
77 66.9 49.9 74.9

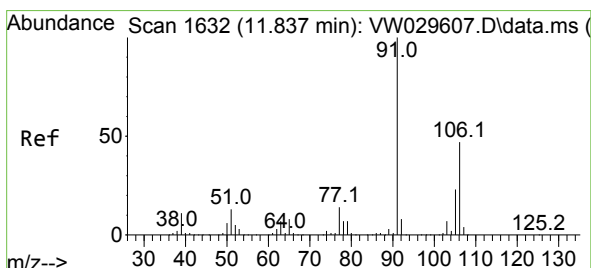
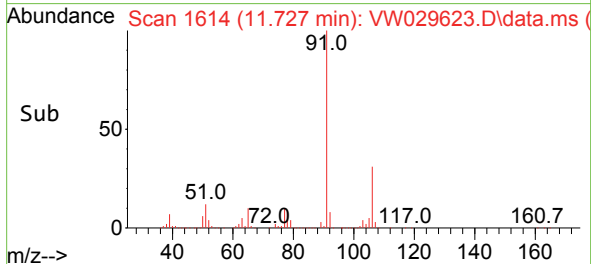
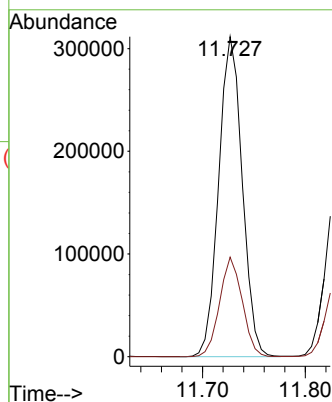
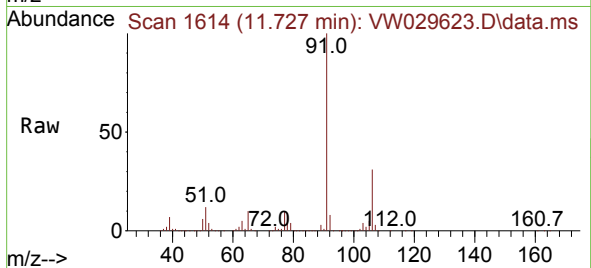




#52
Ethylbenzene
Concen: 29.181 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

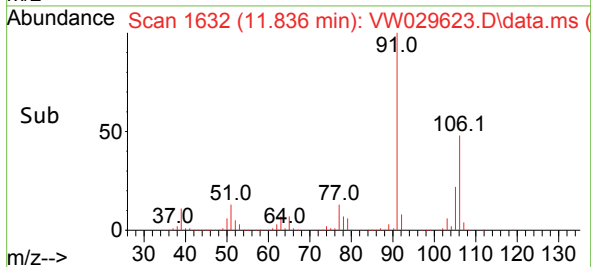
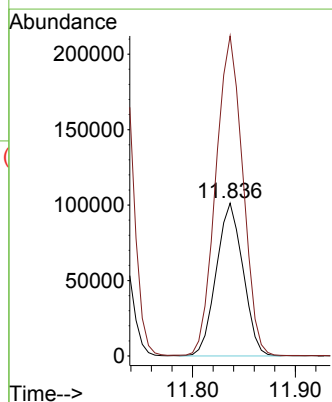
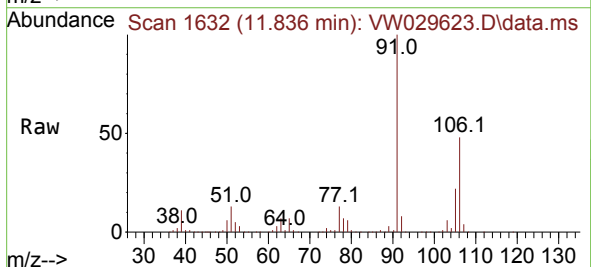
Instrument :
MSVOA_W
ClientSampleId :

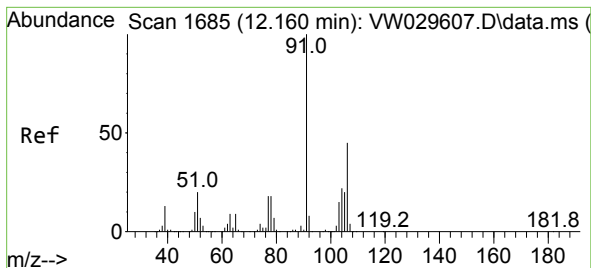
Tgt Ion: 91 Resp: 495420
Ion Ratio Lower Upper
91 100
106 31.1 20.2 37.6



#53
m,p-Xylene
Concen: 29.380 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion: 106 Resp: 183107
Ion Ratio Lower Upper
106 100
91 209.4 149.3 277.3





#54

o-Xylene

Concen: 30.332 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

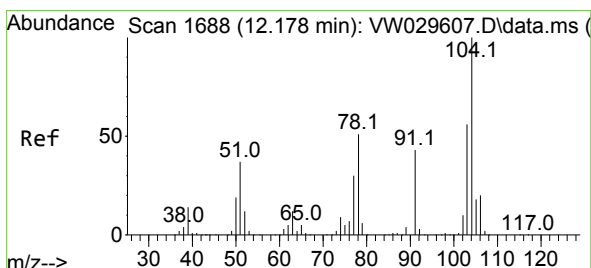
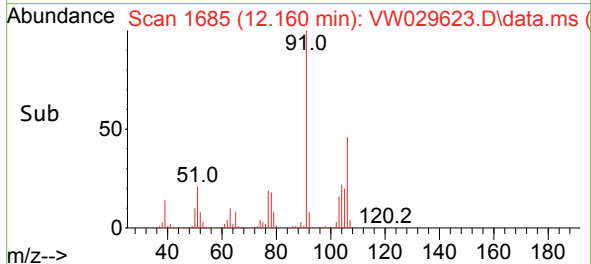
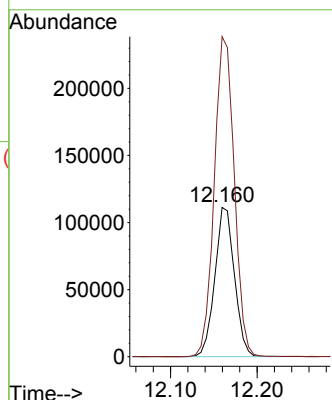
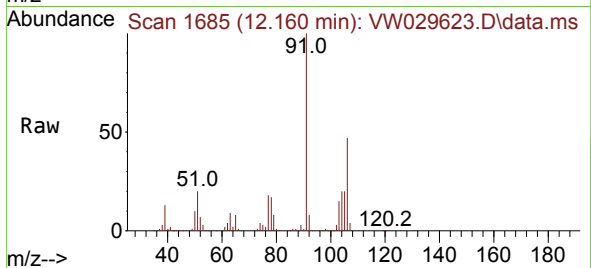
ClientSampleId :

Tgt Ion:106 Resp: 174848

Ion Ratio Lower Upper

106 100

91 214.2 159.2 295.6



#55

Styrene

Concen: 29.541 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029623.D

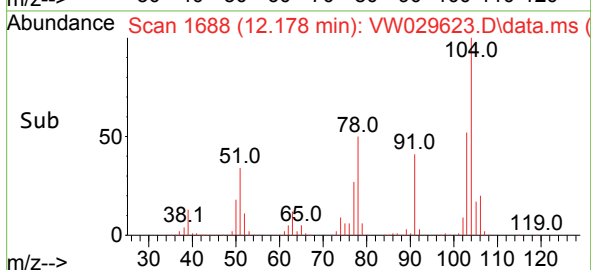
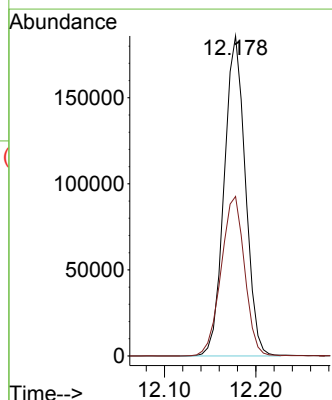
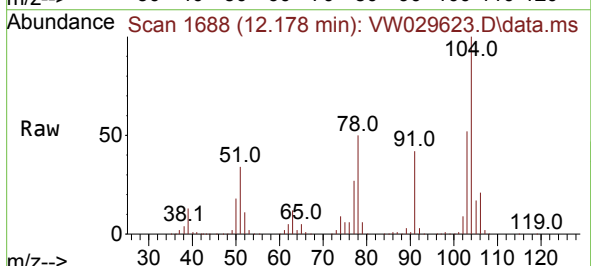
Acq: 18 Jul 2024 09:30

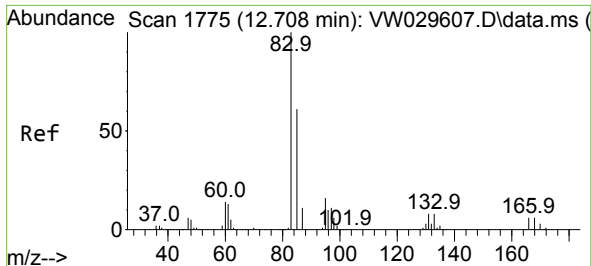
Tgt Ion:104 Resp: 299433

Ion Ratio Lower Upper

104 100

78 49.8 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 24.045 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029623.D

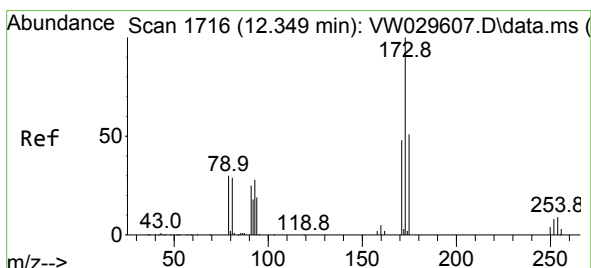
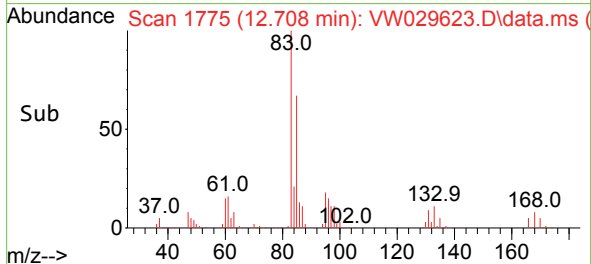
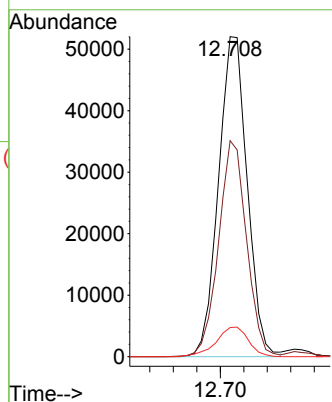
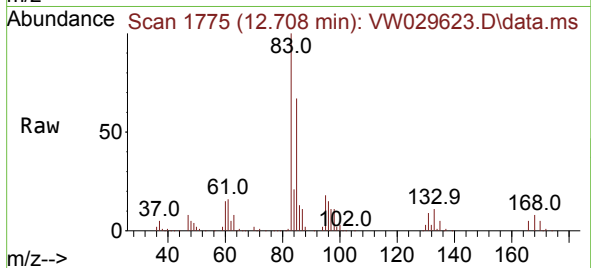
Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	88353
Ion Ratio	Lower	Upper	
83	100		
85	67.5	45.4	84.4
131	9.1	6.4	9.6



#59

Bromoform

Concen: 23.986 ug/L

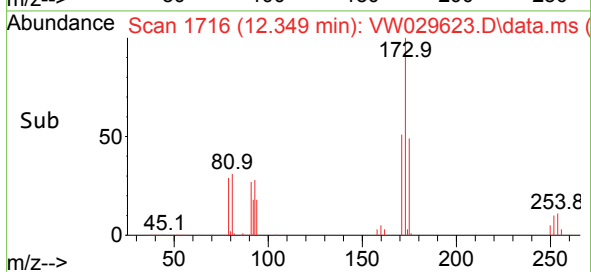
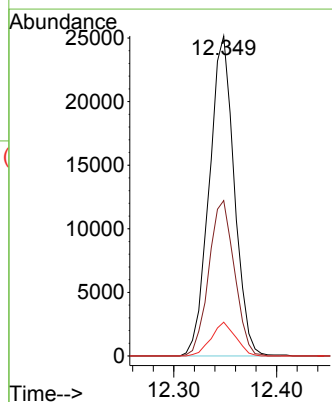
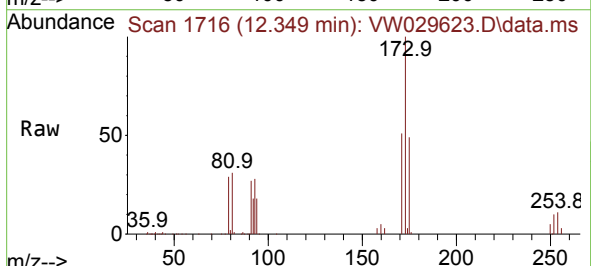
RT: 12.349 min Scan# 1716

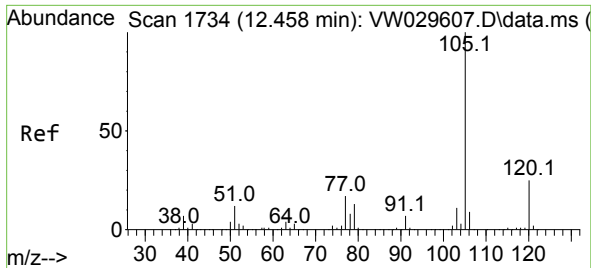
Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

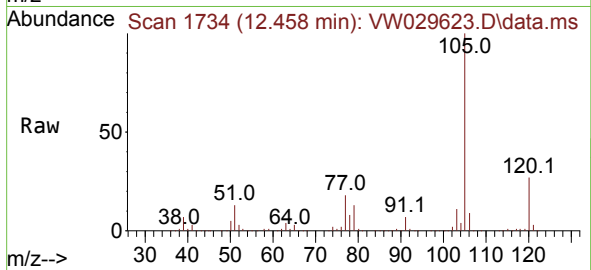
Tgt Ion:	173	Resp:	42481
Ion Ratio	Lower	Upper	
173	100		
175	49.7	40.4	60.6
254	10.3	8.8	13.2



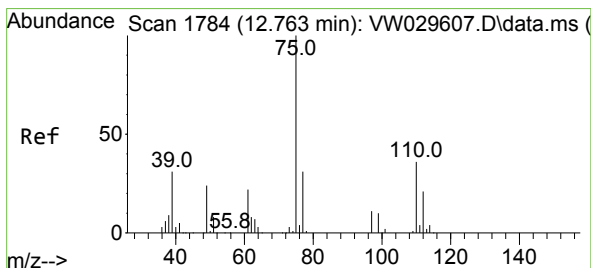
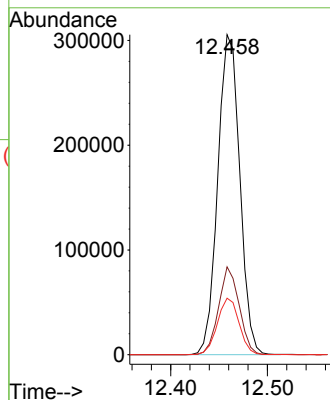
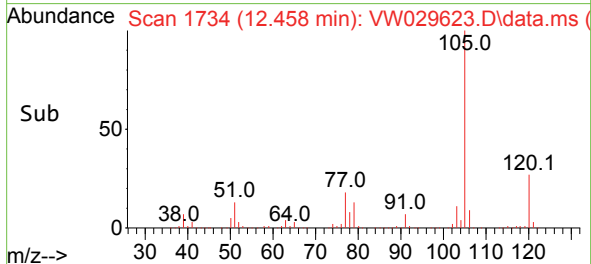


#60
Isopropylbenzene
Concen: 29.889 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Instrument :
MSVOA_W
ClientSampleId :

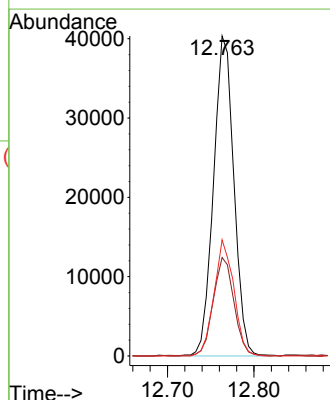
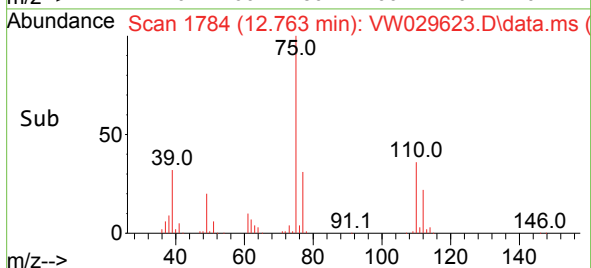
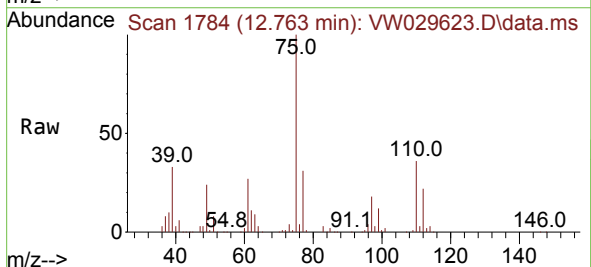


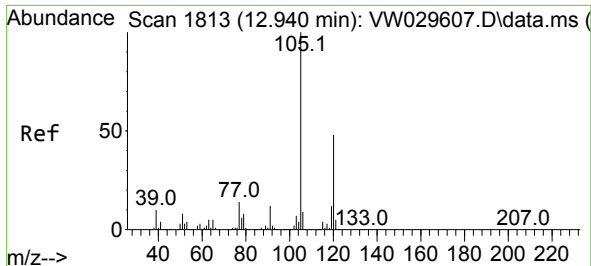
Tgt Ion:105 Resp: 482509
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.4
77 17.5 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 23.765 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion: 75 Resp: 65988
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
110 35.3 29.1 43.7





#62

1,3,5-Trimethylbenzene

Concen: 31.453 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

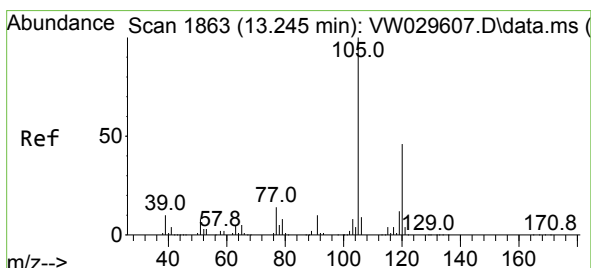
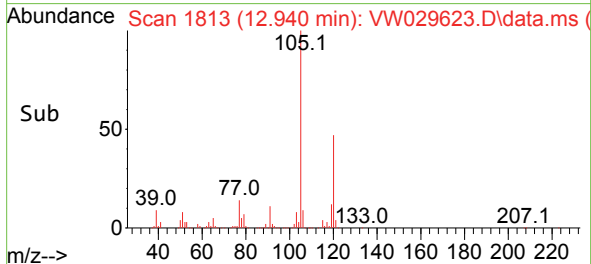
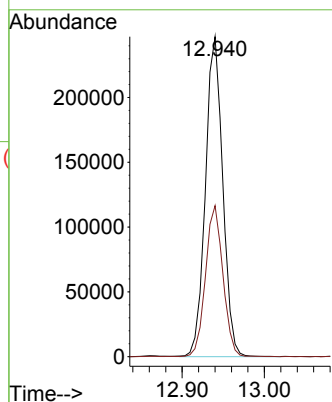
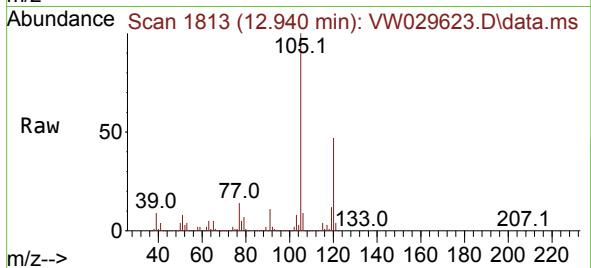
ClientSampleId :

Tgt Ion:105 Resp: 361181

Ion Ratio Lower Upper

105 100

120 47.5 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 30.781 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029623.D

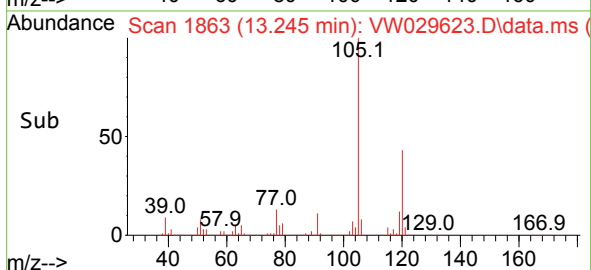
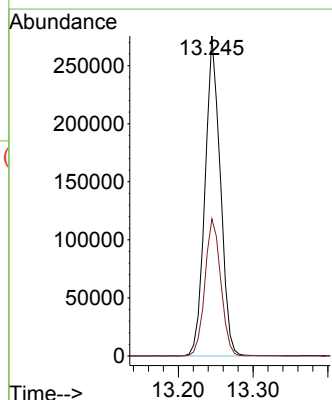
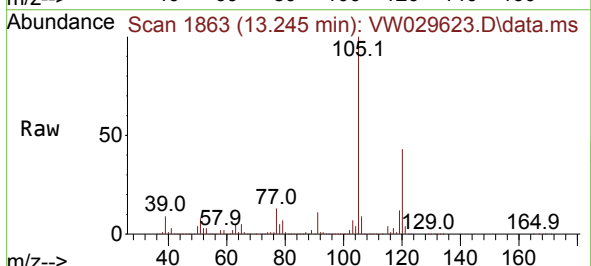
Acq: 18 Jul 2024 09:30

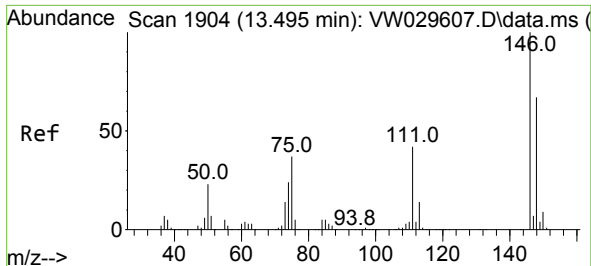
Tgt Ion:105 Resp: 390111

Ion Ratio Lower Upper

105 100

120 44.4 34.7 52.1

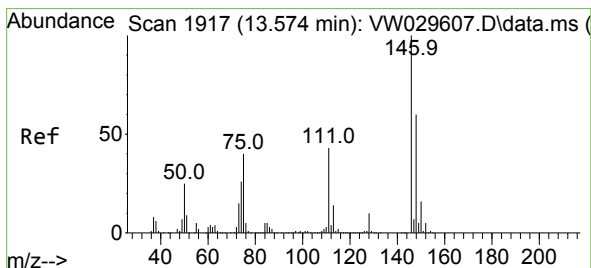
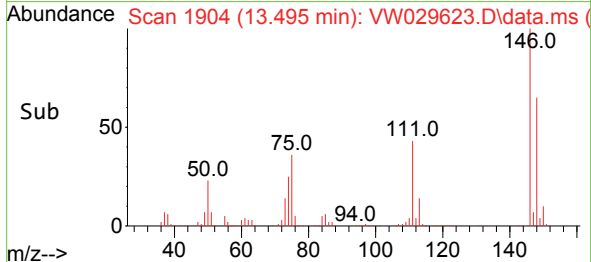
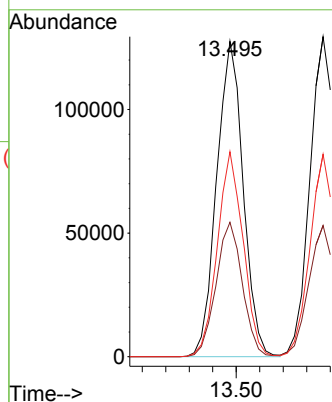
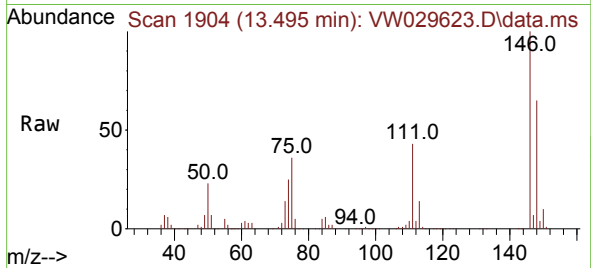




#64
1,3-Dichlorobenzene
Concen: 27.630 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

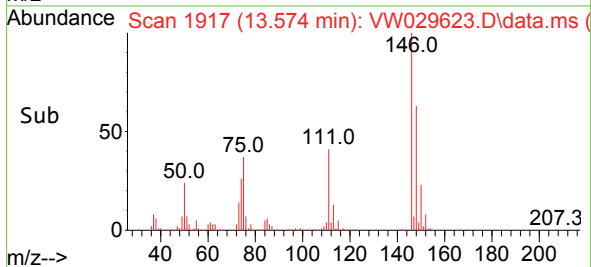
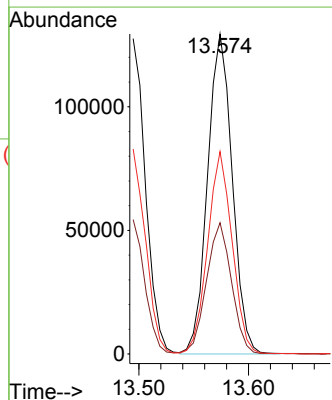
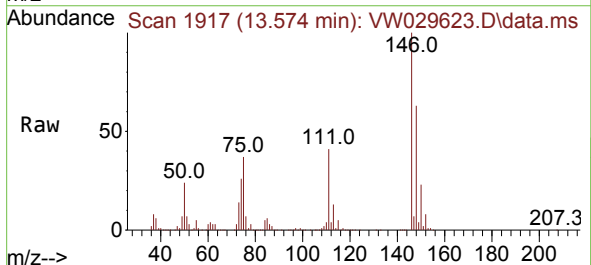
Instrument :
MSVOA_W
ClientSampleId :

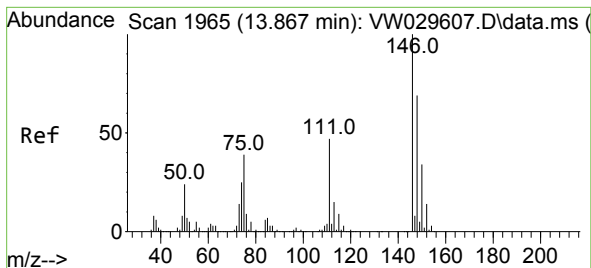
Tgt Ion:146 Resp: 199929
Ion Ratio Lower Upper
146 100
111 42.6 28.6 53.2
148 65.0 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 27.406 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion:146 Resp: 203163
Ion Ratio Lower Upper
146 100
111 41.0 27.6 51.4
148 63.2 40.9 75.9





#67

1,2-Dichlorobenzene

Concen: 26.564 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

Instrument :

MSVOA_W

ClientSampleId :

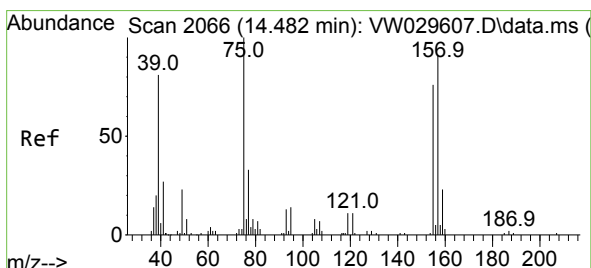
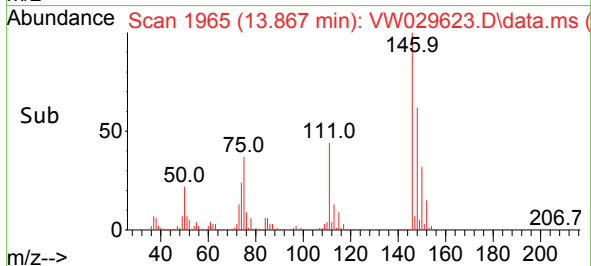
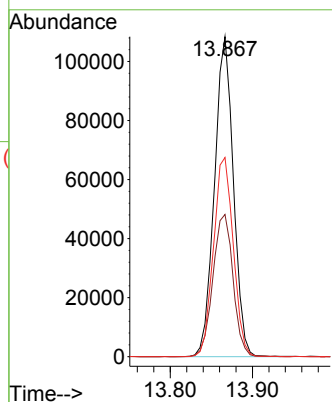
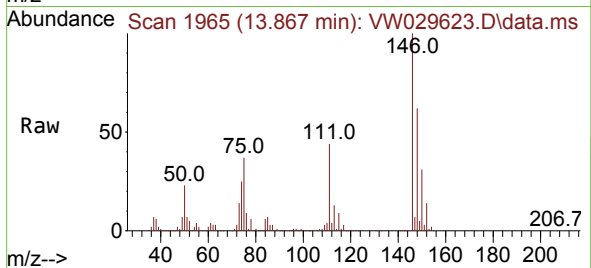
Tgt Ion:146 Resp: 173753

Ion Ratio Lower Upper

146 100

111 44.5 37.1 55.7

148 62.3 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 21.497 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW029623.D

Acq: 18 Jul 2024 09:30

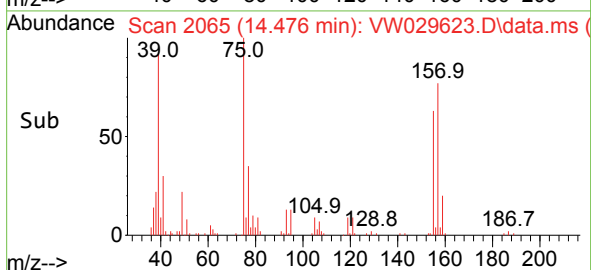
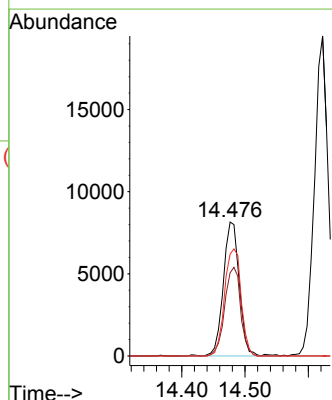
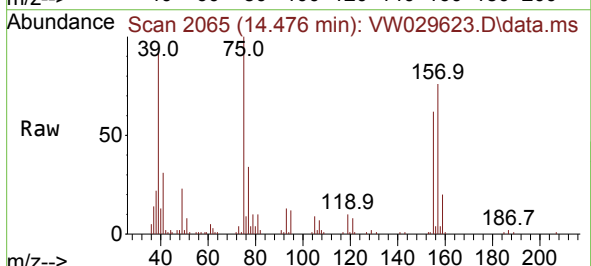
Tgt Ion: 75 Resp: 14270

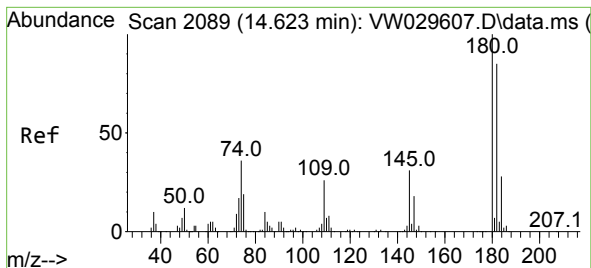
Ion Ratio Lower Upper

75 100

155 62.2 51.2 76.8

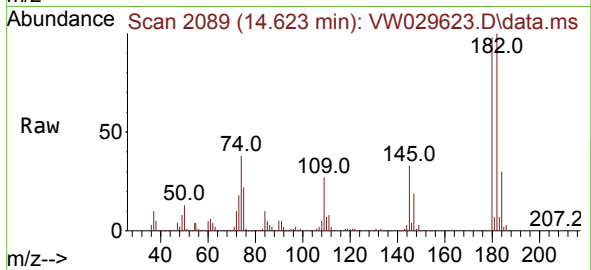
157 76.1 63.7 95.5



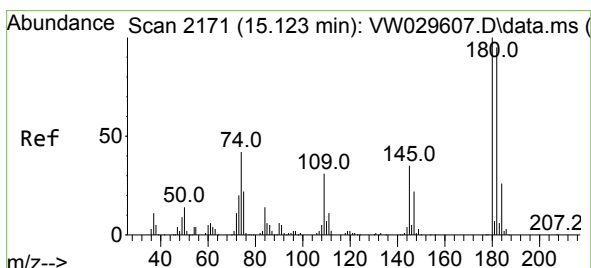
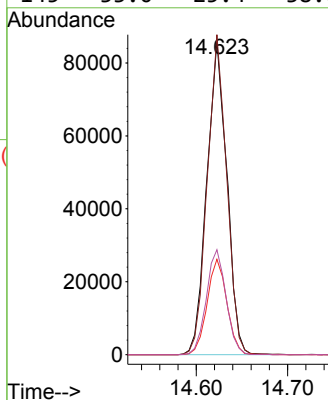
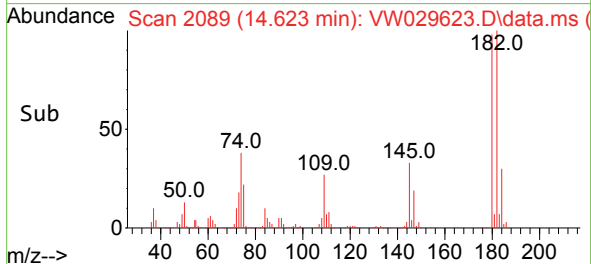


#69
1,3,5-Trichlorobenzene
Concen: 27.779 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

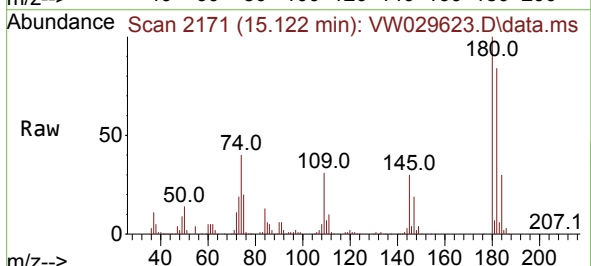
Instrument :
MSVOA_W
ClientSampleId :



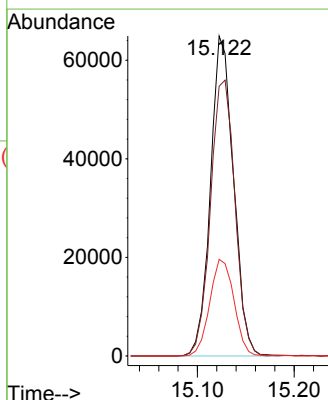
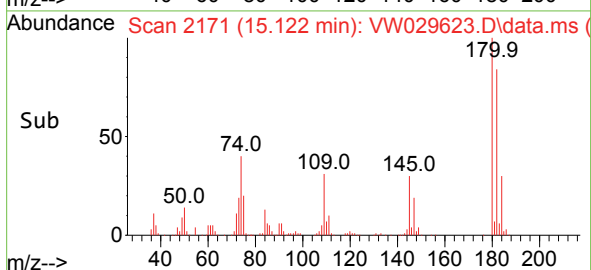
Tgt Ion:180 Resp: 131130
Ion Ratio Lower Upper
180 100
182 98.4 77.9 116.9
184 30.0 24.4 36.6
145 33.0 25.4 38.0

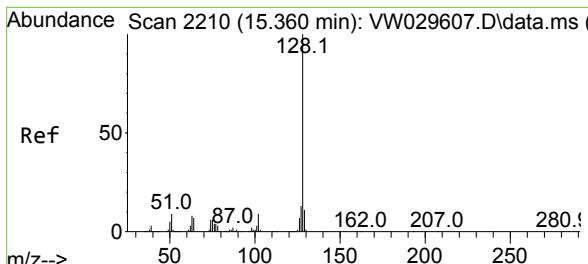


#70
1,2,4-trichlorobenzene
Concen: 25.850 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30



Tgt Ion:180 Resp: 107371
Ion Ratio Lower Upper
180 100
182 91.3 74.7 112.1
145 31.7 26.2 39.2

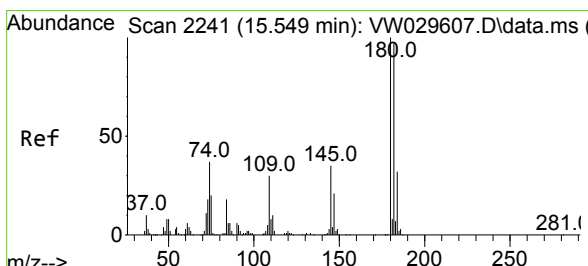
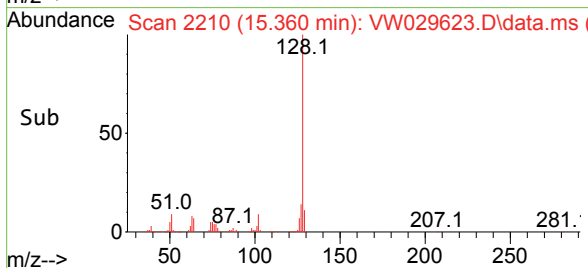
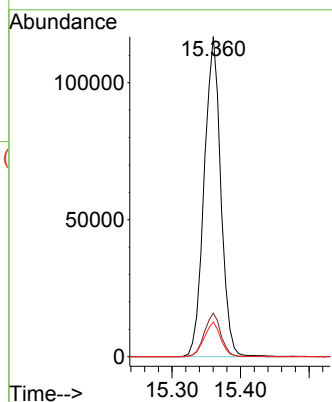
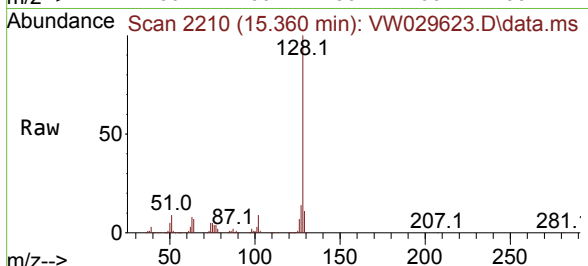




#71
Naphthalene
Concen: 22.640 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	197379
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	10.7	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.033 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029623.D
Acq: 18 Jul 2024 09:30

Tgt Ion:	180	Resp:	90696
Ion	Ratio	Lower	Upper
180	100		
182	92.6	73.4	110.0
145	33.9	26.9	40.3

