

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072324\
 Data File : VW029709.D
 Acq On : 23 Jul 2024 16:42
 Operator : SY/MD
 Sample : P3278-20MSD
 Misc : 8.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 01:17:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 24 01:12:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	242405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	219618	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102659	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	39094	9.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.920%
7) Chloroethane-d5	2.893	69	36271	12.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.440%
11) 1,1-Dichloroethene-d2	4.027	65	20529	11.675	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.680%
21) 2-Butanone-d5	7.069	46	62863	53.478	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.960%
24) Chloroform-d	7.648	84	114217	16.299	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.200%
26) 1,2-Dichloroethane-d4	8.307	65	75163	18.286	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.160%
32) Benzene-d6	8.270	84	198689	15.102	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	60.400%
36) 1,2-Dichloropropane-d6	9.270	67	70882	16.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.400%#
41) Toluene-d8	10.318	98	165238	14.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.120%
43) trans-1,3-Dichloroprop...	10.575	79	28653	16.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.360%
47) 2-Hexanone-d5	10.922	63	44692	58.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83320	24.396	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	61723	17.264	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.040%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	29944	12.615	ug/L	95
3) Chloromethane	2.222	50	43585	13.724	ug/L	93
5) Vinyl chloride	2.375	62	57435	15.847	ug/L	92
6) Bromomethane	2.783	94	31564	14.709	ug/L	89
8) Chloroethane	2.930	64	37254	16.705	ug/L	100
9) Trichlorofluoromethane	3.265	101	58362	17.889	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	67301	20.962	ug/L #	72
12) 1,1-Dichloroethene	4.045	96	53972	17.904	ug/L	87
13) Acetone	4.118	43	75695	63.800	ug/L	99
14) Carbon disulfide	4.393	76	138089	14.105	ug/L	98
15) Methyl Acetate	4.667	43	46644	22.392	ug/L	98
16) Methylene chloride	4.923	84	61999	14.286	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	55824	16.728	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	106997	18.844	ug/L	99
19) 1,1-Dichloroethane	6.216	63	124693	18.195	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	62324	17.079	ug/L	97
22) 2-Butanone	7.167	43	72476	46.531	ug/L	100
23) Bromochloromethane	7.514	128	28127	17.136	ug/L	96
25) Chloroform	7.673	83	120255	18.135	ug/L	97

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

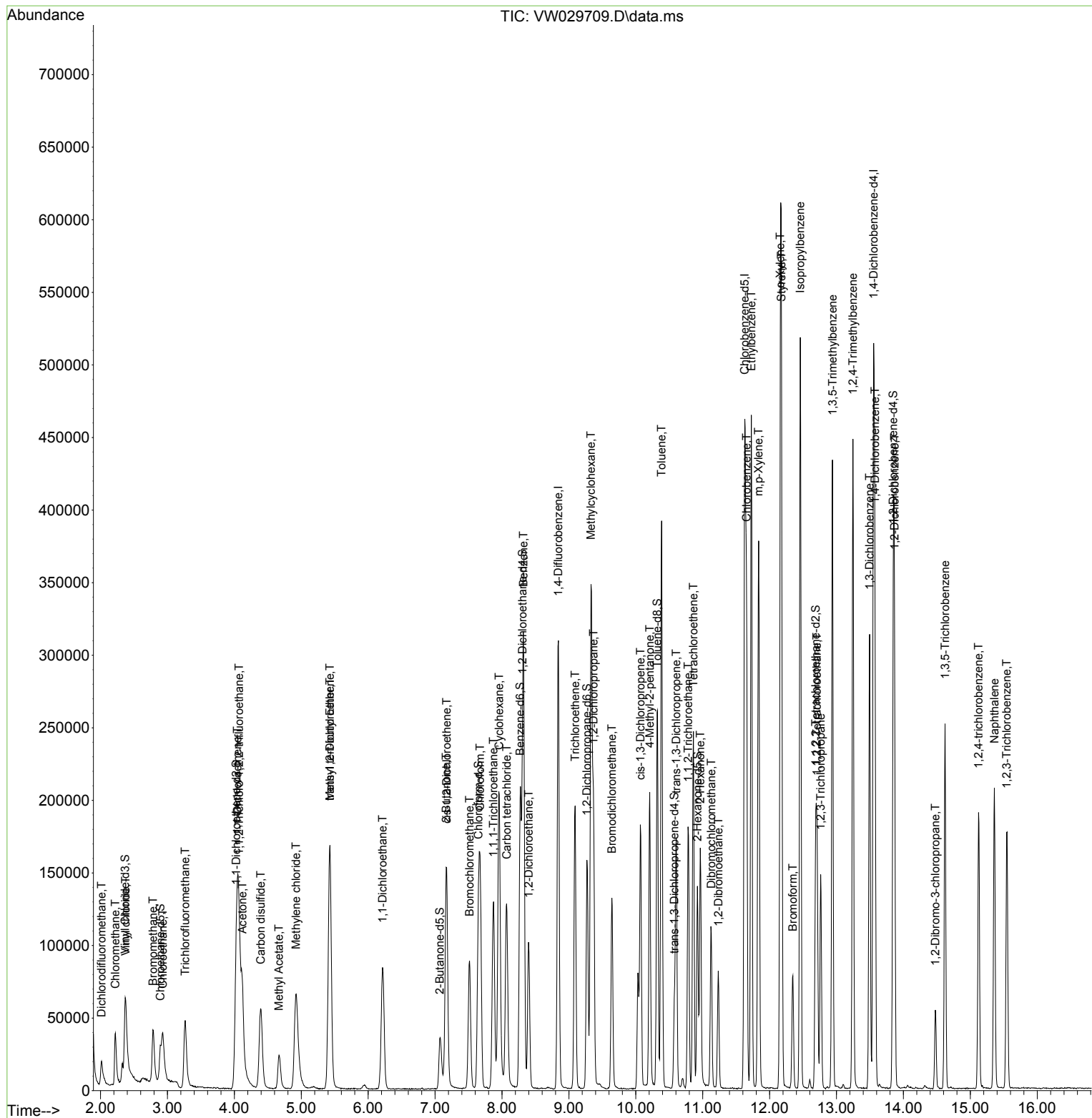
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	94203	18.941	ug/L	99
29) Cyclohexane	7.959	56	116621	21.325	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	102280	20.394	ug/L	98
31) Carbon tetrachloride	8.069	117	95519	20.797	ug/L	100
33) Benzene	8.319	78	250028	18.196	ug/L	100
34) Trichloroethene	9.093	95	66870	18.429	ug/L	98
35) Methylcyclohexane	9.331	83	129506	22.205	ug/L	99
37) 1,2-Dichloropropane	9.367	63	71932	18.931	ug/L	100
38) Bromodichloromethane	9.642	83	86107	18.553	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	101339	17.757	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	139118	51.950	ug/L	98
42) Toluene	10.386	91	267340	19.018	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	89841	18.367	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	53320	19.512	ug/L	97
46) Tetrachloroethene	10.861	164	49814	19.323	ug/L	87
48) 2-Hexanone	10.965	43	110646	54.998	ug/L	100
49) Dibromochloromethane	11.129	129	54981	19.333	ug/L	93
50) 1,2-Dibromoethane	11.233	107	51429	19.749	ug/L	96
51) Chlorobenzene	11.654	112	158587	17.452	ug/L	96
52) Ethylbenzene	11.727	91	304718	19.133	ug/L	97
53) m,p-Xylene	11.836	106	110950	18.977	ug/L	95
54) o-Xylene	12.160	106	101037	18.684	ug/L	97
55) Styrene	12.178	104	175343	18.440	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	76380	22.158	ug/L	99
59) Bromoform	12.349	173	34844	21.988	ug/L	96
60) Isopropylbenzene	12.458	105	312102	21.607	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58820	23.675	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	215365	20.961	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	227246	20.040	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	113191	17.483	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	116133	17.509	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	105826	18.082	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	14161	23.842	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	64582	15.290	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	56013	15.072	ug/L	99
71) Naphthalene	15.360	128	162135	20.785	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	52323	15.496	ug/L	92

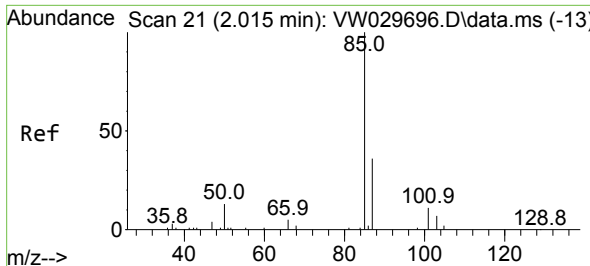
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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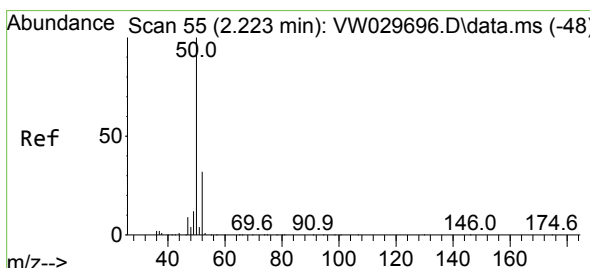
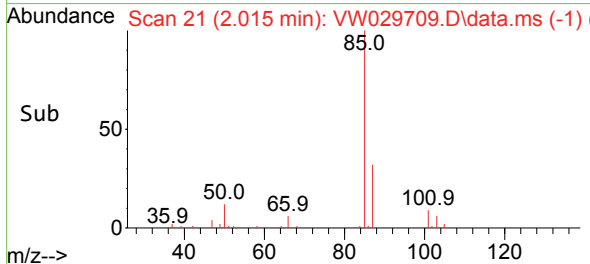
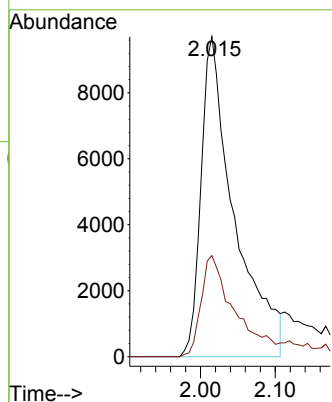
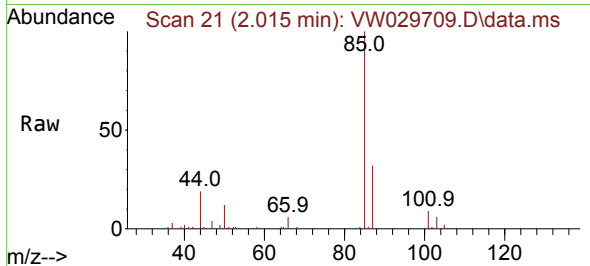




#2
 Dichlorodifluoromethane
 Concen: 12.615 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029709.D
 Acq: 23 Jul 2024 16:42

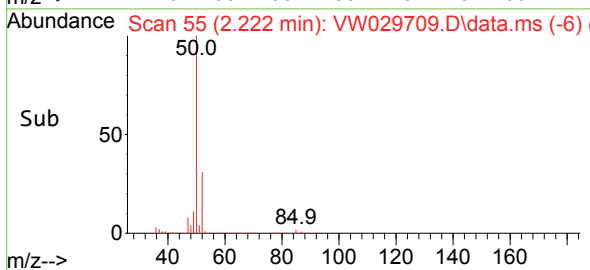
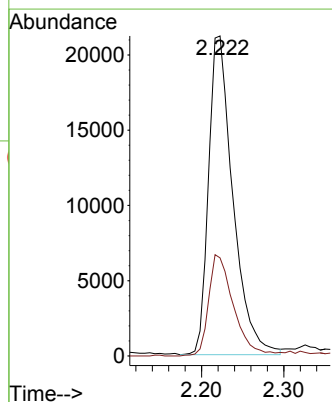
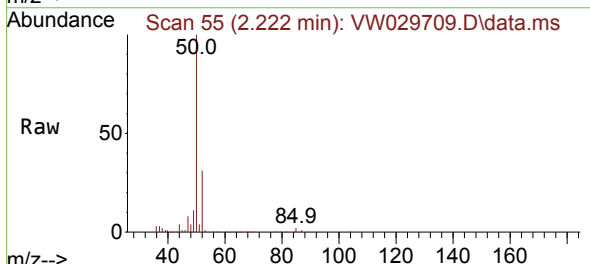
Instrument :
 MSVOA_W
 ClientSampleId :

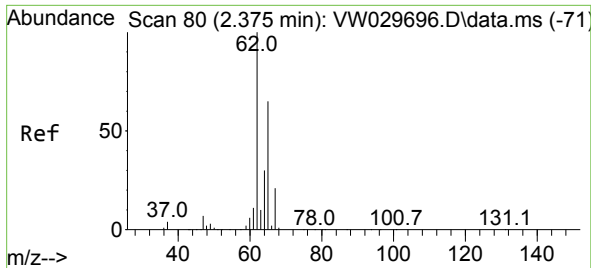
Tgt Ion: 85 Resp: 29944
 Ion Ratio Lower Upper
 85 100
 87 30.0 26.1 39.1



#3
 Chloromethane
 Concen: 13.724 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029709.D
 Acq: 23 Jul 2024 16:42

Tgt Ion: 50 Resp: 43585
 Ion Ratio Lower Upper
 50 100
 52 30.7 24.4 45.2

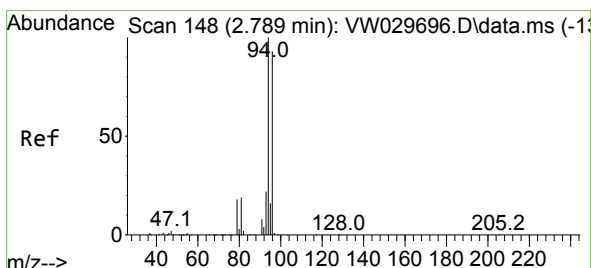
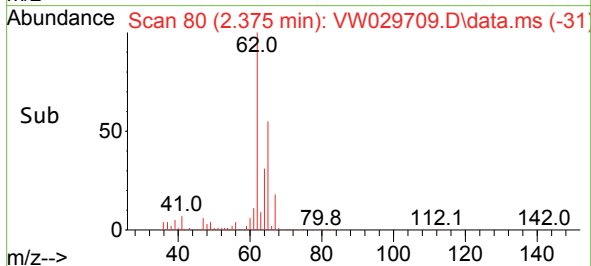
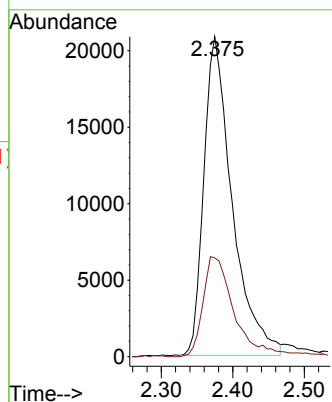
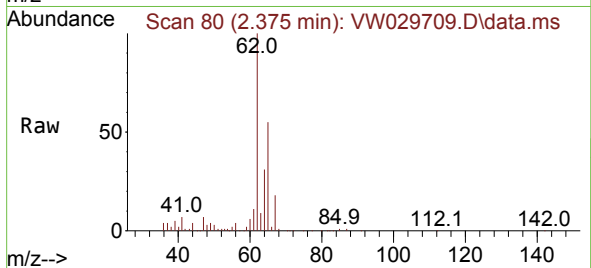




#5
 Vinyl chloride
 Concen: 15.847 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029709.D
 Acq: 23 Jul 2024 16:42

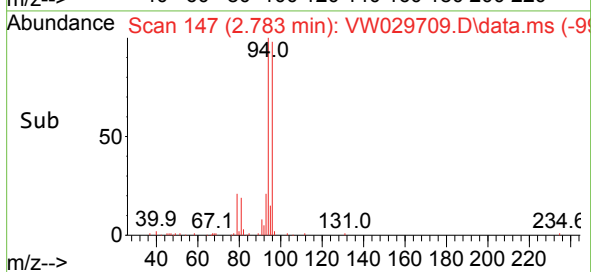
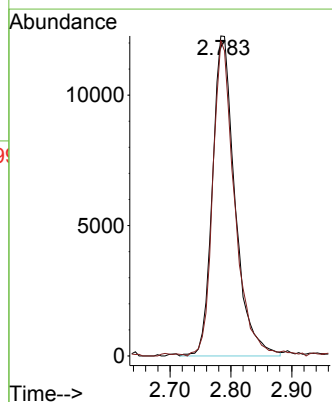
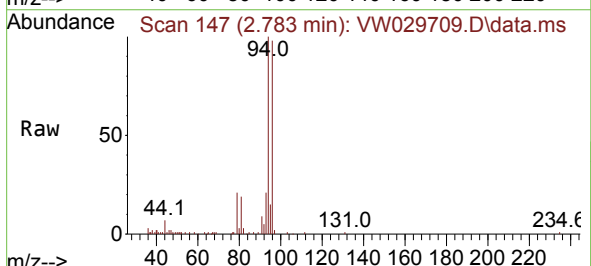
Instrument :
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 ClientSampleId :

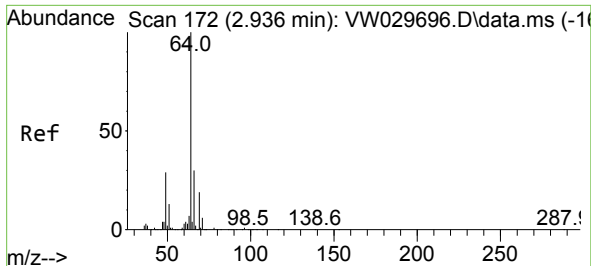
Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.9	25.1	46.5



#6
 Bromomethane
 Concen: 14.709 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029709.D
 Acq: 23 Jul 2024 16:42

Tgt Ion	Ratio	Lower	Upper
94	100		
96	98.4	61.7	114.7

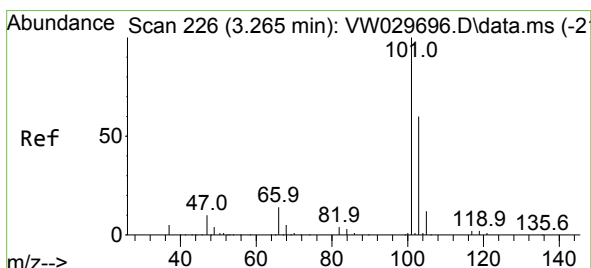
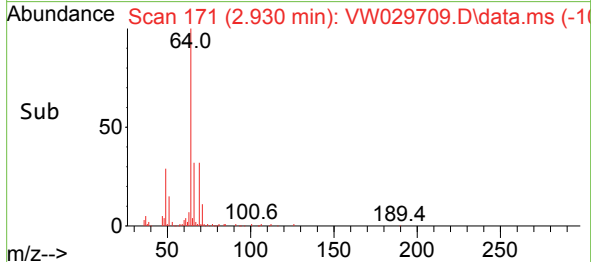
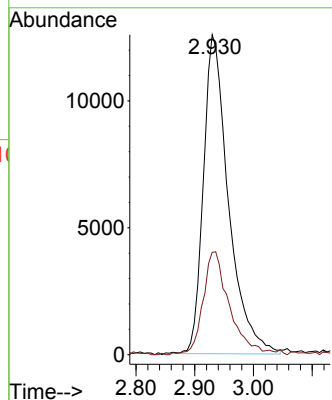
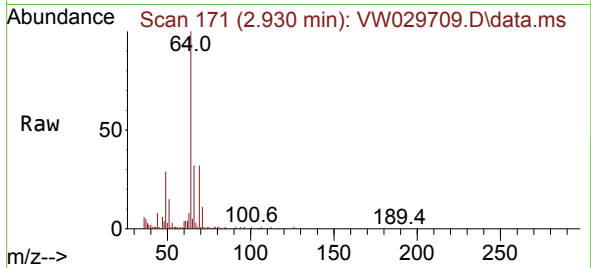




#8
Chloroethane
Concen: 16.705 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

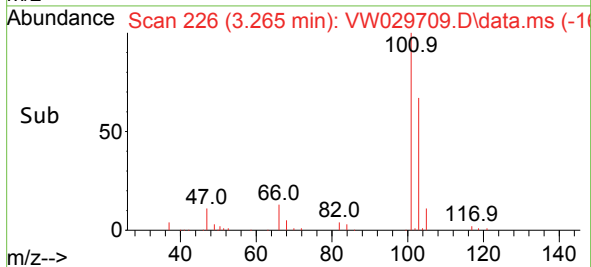
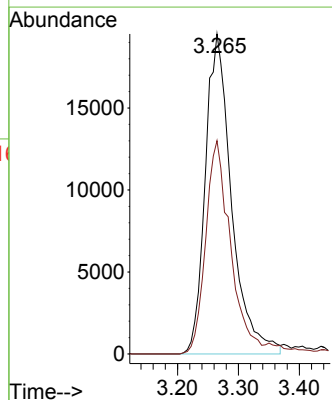
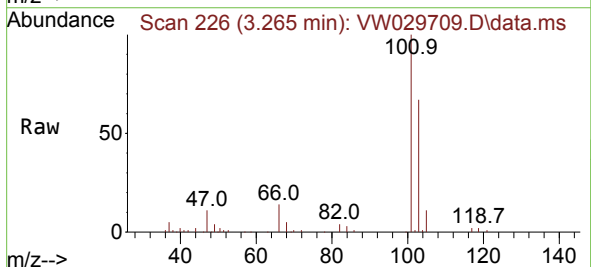
Instrument :
MSVOA_W
ClientSampleId :

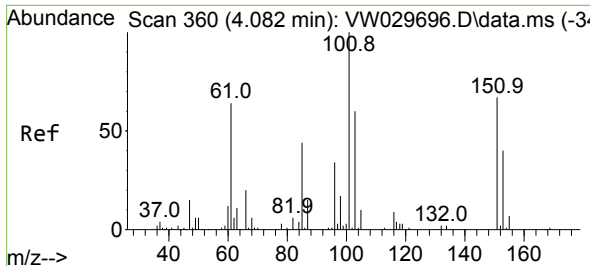
Tgt Ion: 64 Resp: 37254
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 17.889 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion:101 Resp: 58362
Ion Ratio Lower Upper
101 100
103 62.7 49.6 74.4

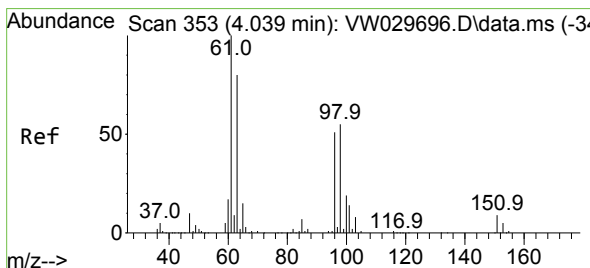
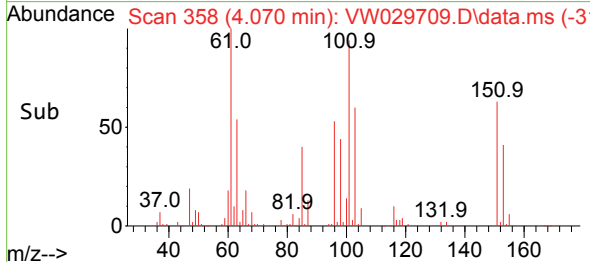
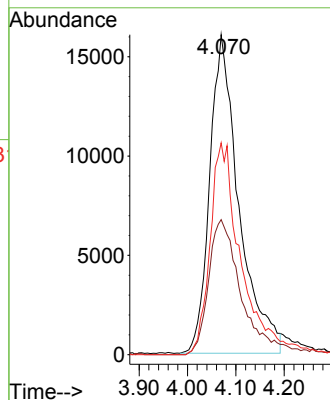
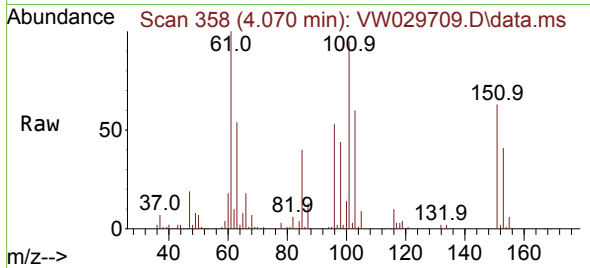




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.962 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW029709.D
 Acq: 23 Jul 2024 16:42

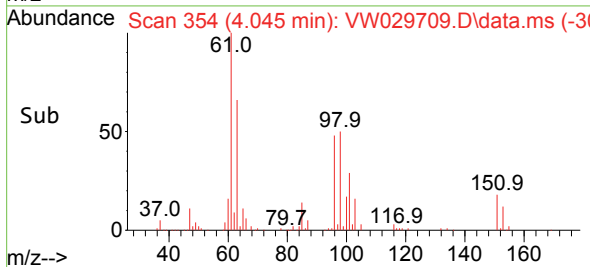
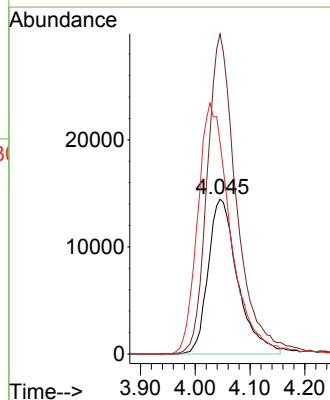
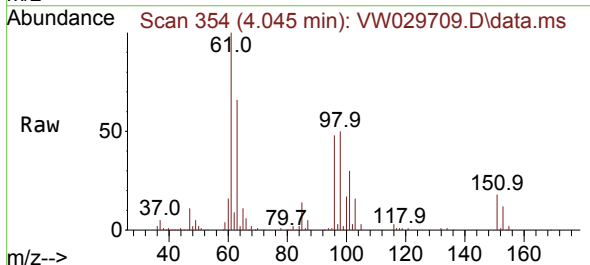
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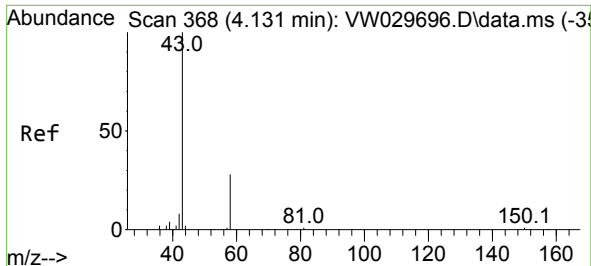
Tgt Ion:101 Resp: 67301
 Ion Ratio Lower Upper
 101 100
 85 43.4 33.8 50.8
 151 33.2 55.4 83.0#



#12
 1,1-Dichloroethene
 Concen: 17.904 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW029709.D
 Acq: 23 Jul 2024 16:42

Tgt Ion: 96 Resp: 53972
 Ion Ratio Lower Upper
 96 100
 61 206.7 132.4 245.8
 63 136.5 108.4 201.2

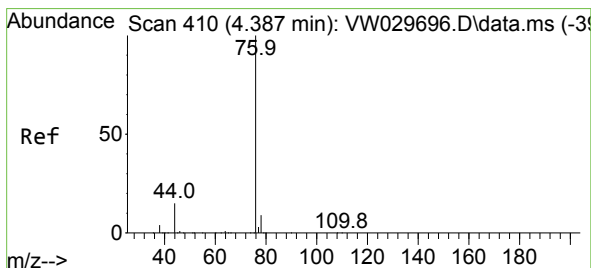
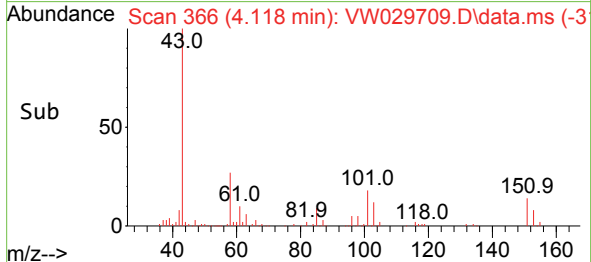
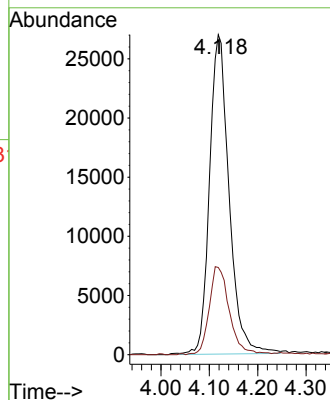
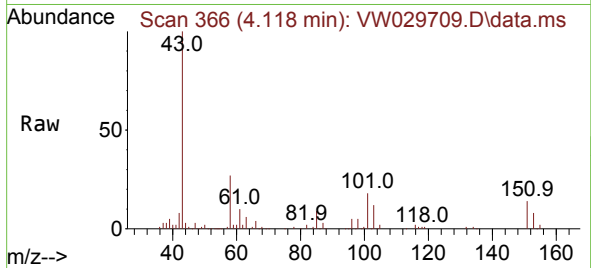




#13
Acetone
Concen: 63.800 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

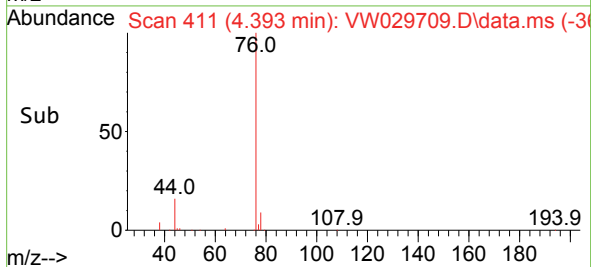
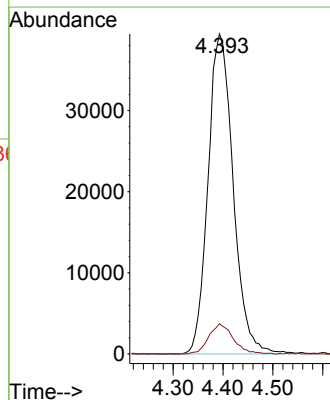
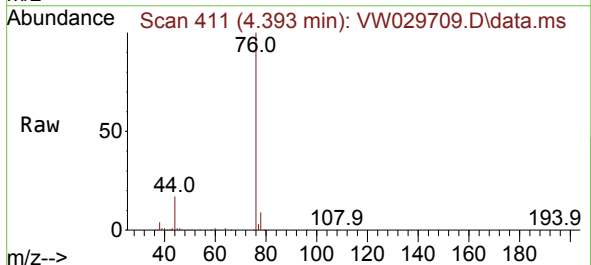
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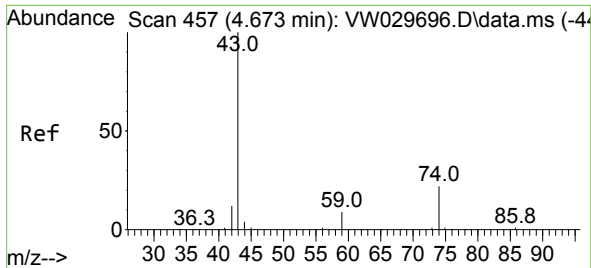
Tgt Ion: 43 Resp: 75695
Ion Ratio Lower Upper
43 100
58 27.1 0.0 55.6



#14
Carbon disulfide
Concen: 14.105 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029709.D
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Tgt Ion: 76 Resp: 138089
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

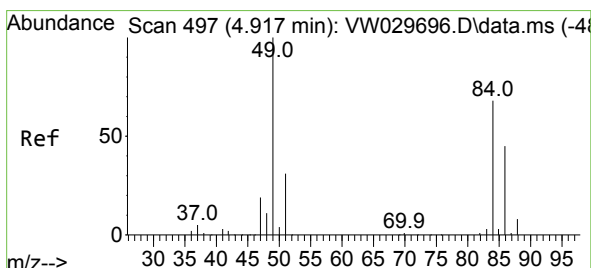
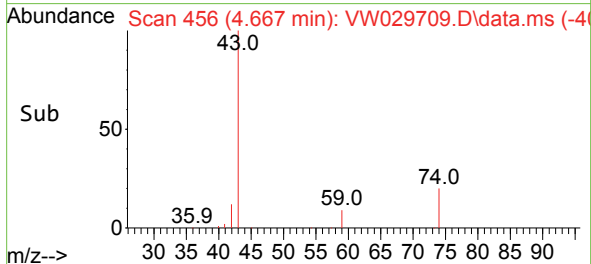
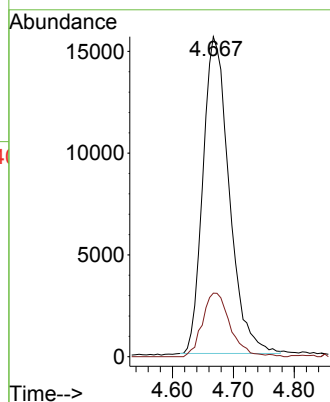
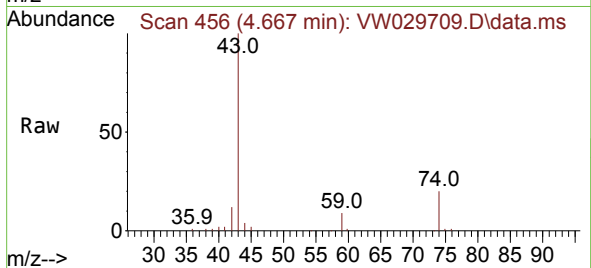




#15
Methyl Acetate
Concen: 22.392 ug/L
RT: 4.667 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

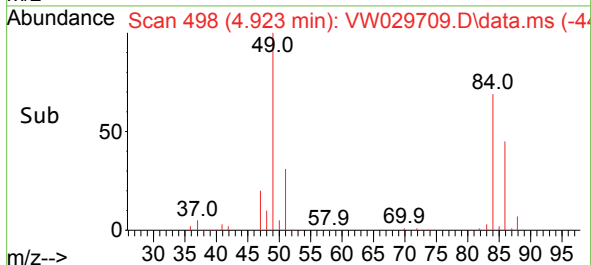
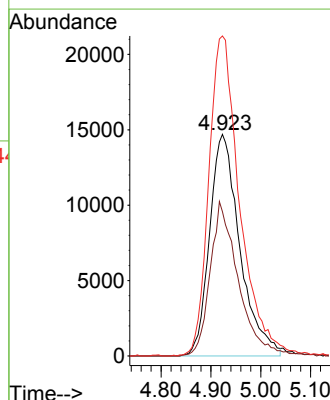
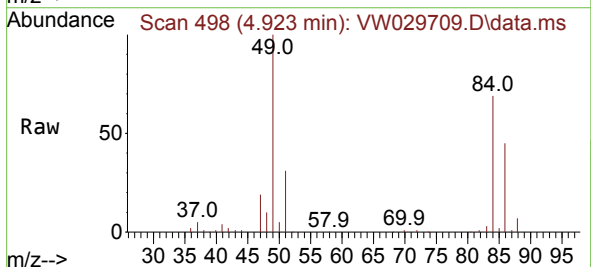
Instrument :
MSVOA_W
ClientSampleId :

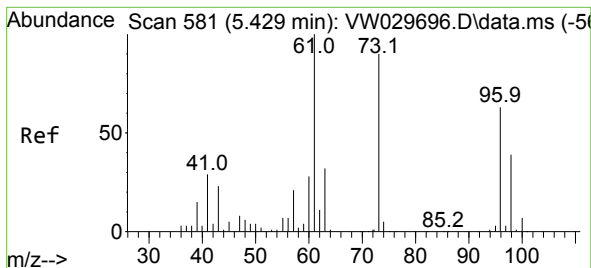
Tgt Ion: 43 Resp: 46644
Ion Ratio Lower Upper
43 100
74 21.1 16.2 24.4



#16
Methylene chloride
Concen: 14.286 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion: 84 Resp: 61999
Ion Ratio Lower Upper
84 100
86 65.1 46.2 85.8
49 144.4 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 16.728 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

ClientSampleId :

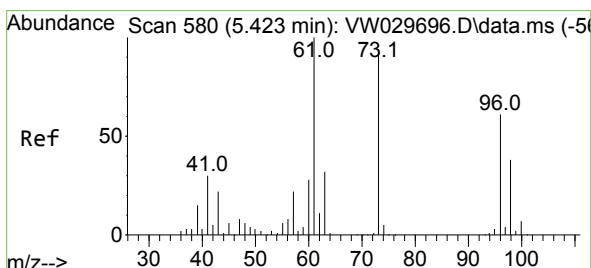
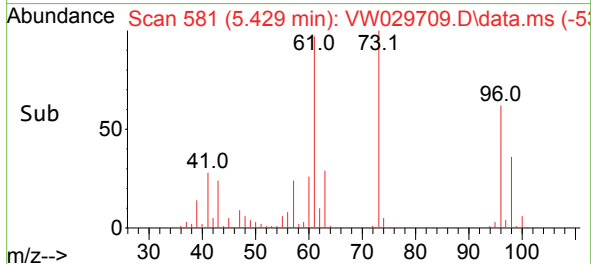
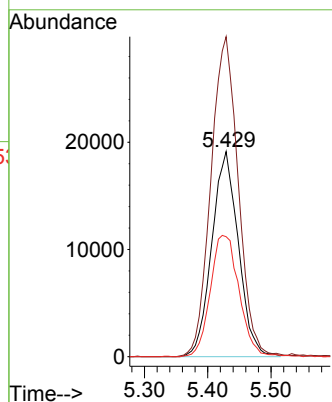
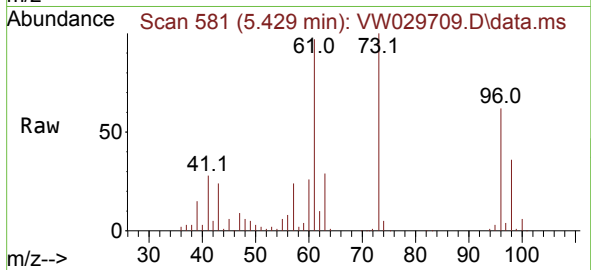
Tgt Ion: 96 Resp: 55824

Ion Ratio Lower Upper

96 100

61 156.0 102.9 191.1

98 58.5 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 18.844 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

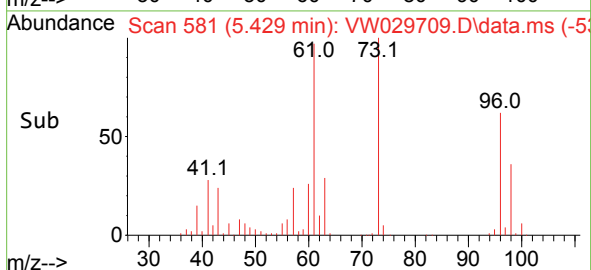
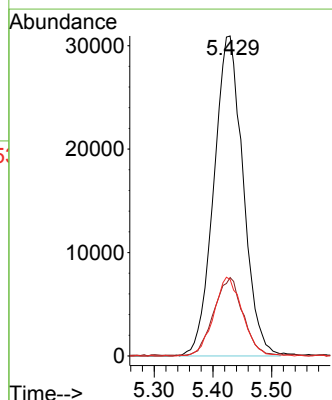
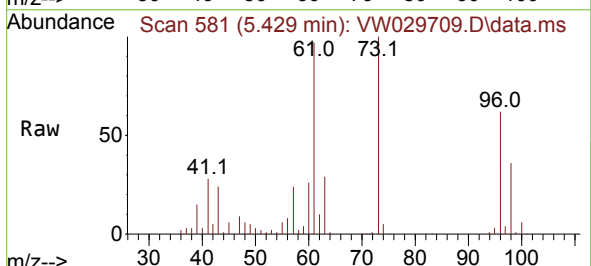
Tgt Ion: 73 Resp: 106997

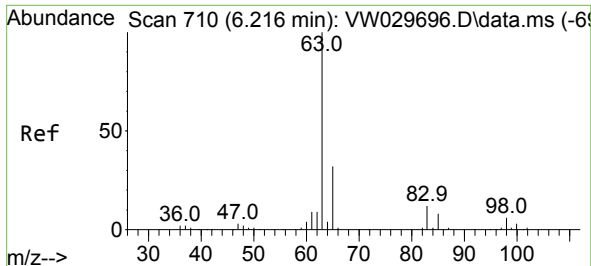
Ion Ratio Lower Upper

73 100

43 24.1 18.7 28.1

57 24.2 18.9 28.3





#19

1,1-Dichloroethane

Concen: 18.195 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

ClientSampleId :

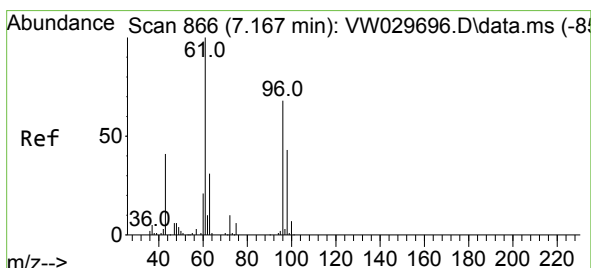
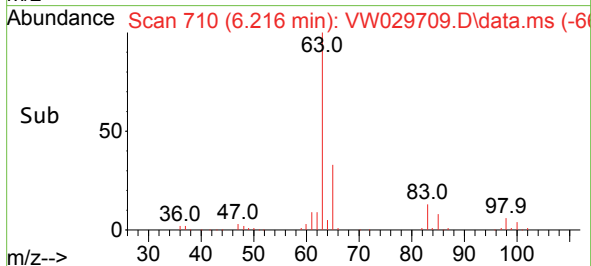
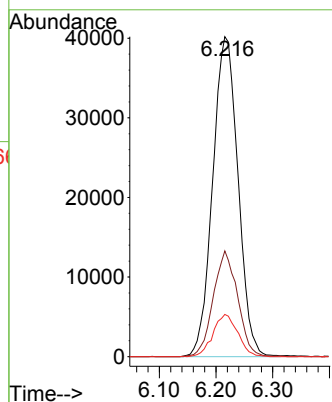
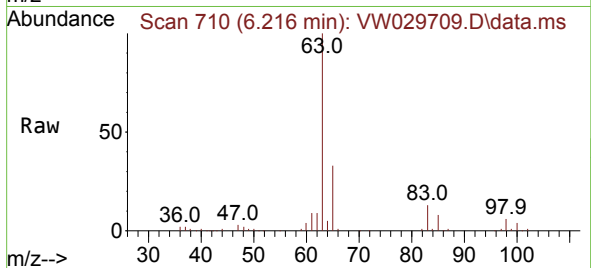
Tgt Ion: 63 Resp: 124693

Ion Ratio Lower Upper

63 100

65 33.0 21.5 39.9

83 13.2 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 17.079 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

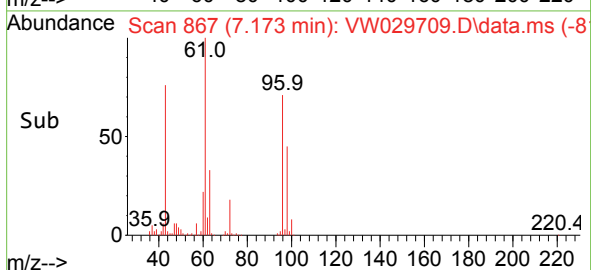
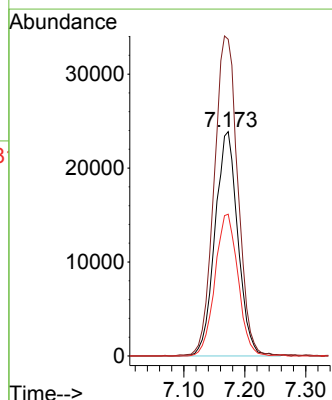
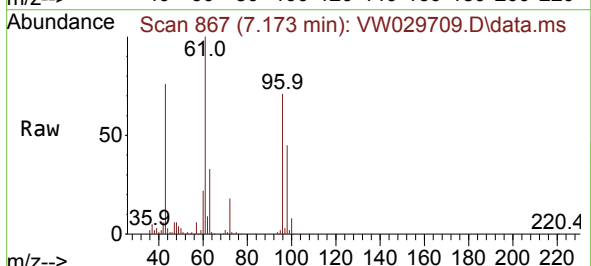
Tgt Ion: 96 Resp: 62324

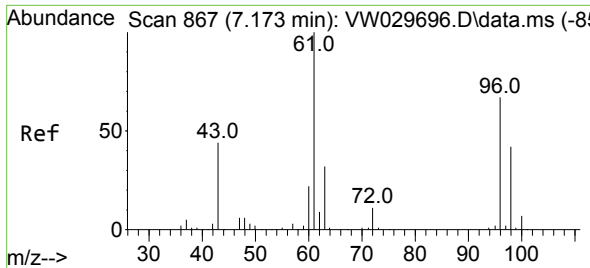
Ion Ratio Lower Upper

96 100

61 141.2 97.4 180.8

98 63.2 41.6 77.2

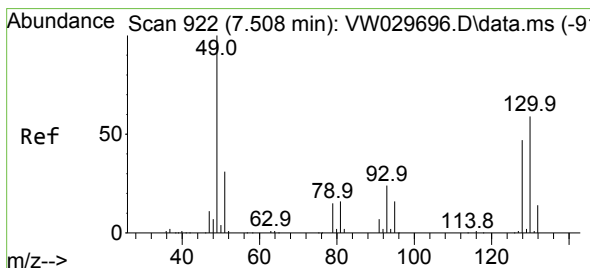
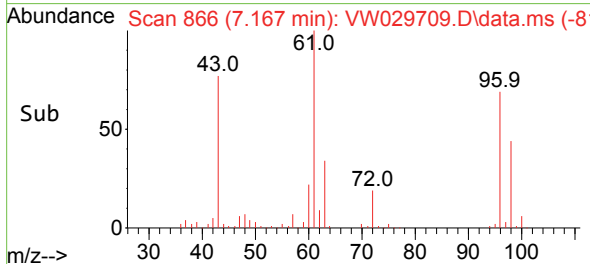
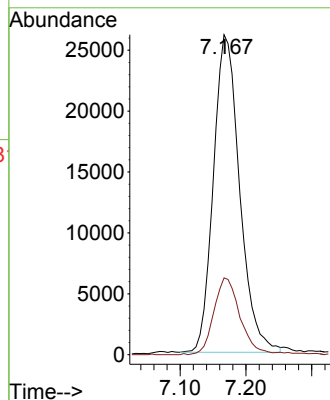
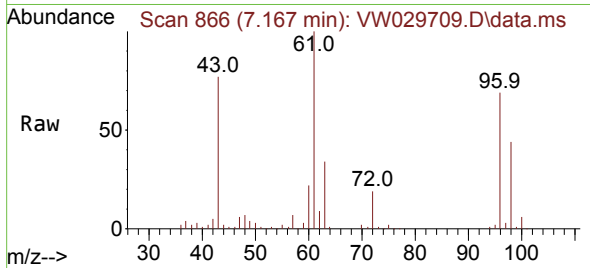




#22
2-Butanone
Concen: 46.531 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

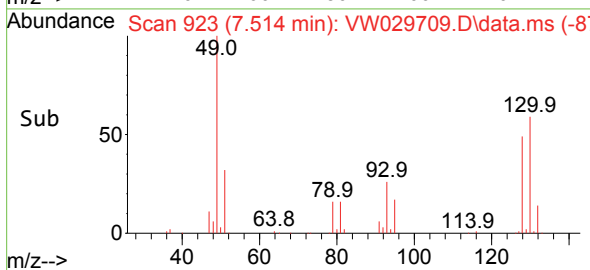
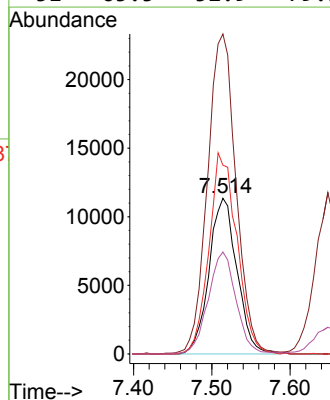
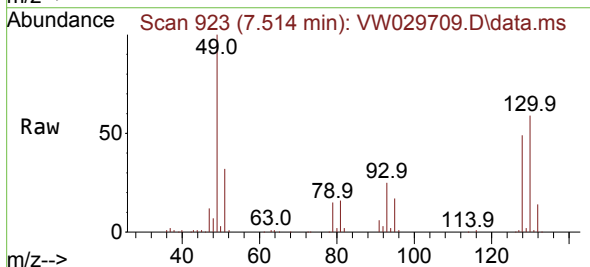
Instrument :
MSVOA_W
ClientSampleId :

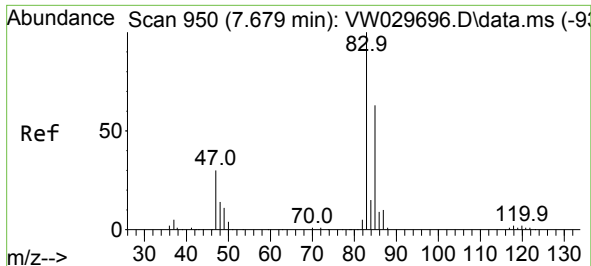
Tgt Ion: 43 Resp: 72476
Ion Ratio Lower Upper
43 100
72 23.9 12.0 36.1



#23
Bromochloromethane
Concen: 17.136 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion: 128 Resp: 28127
Ion Ratio Lower Upper
128 100
49 205.6 146.2 271.4
130 121.3 91.9 170.7
51 65.5 52.9 79.3

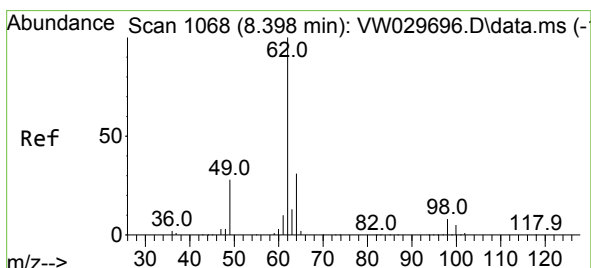
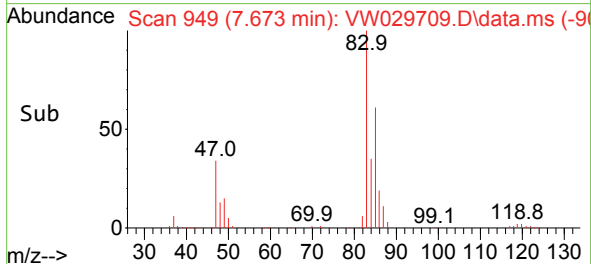
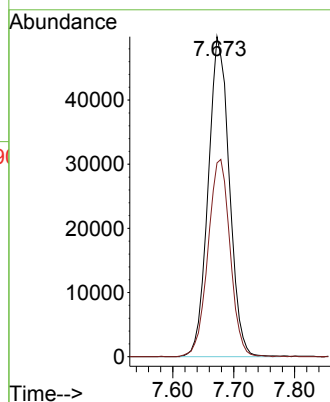
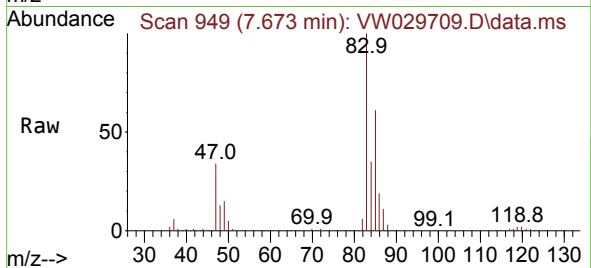




#25
Chloroform
Concen: 18.135 ug/L
RT: 7.673 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

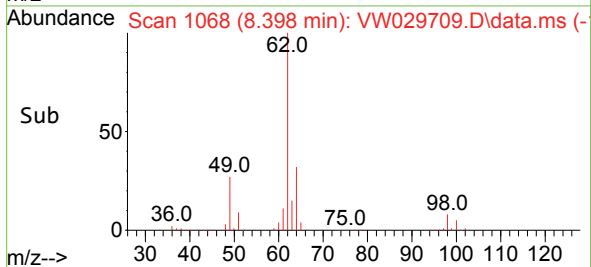
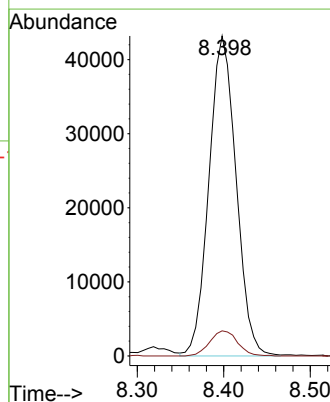
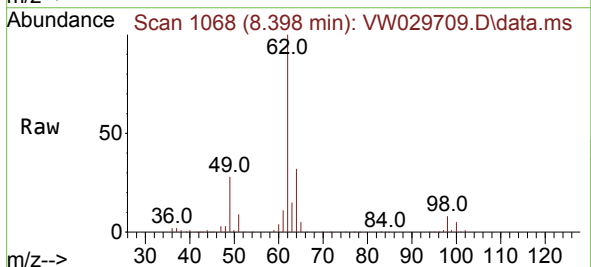
Instrument :
MSVOA_W
ClientSampleId :

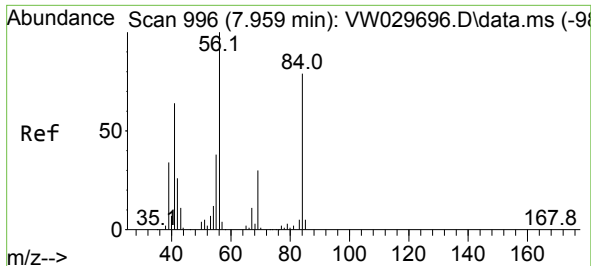
Tgt Ion: 83 Resp: 120255
Ion Ratio Lower Upper
83 100
85 60.6 44.1 81.9



#27
1,2-Dichloroethane
Concen: 18.941 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

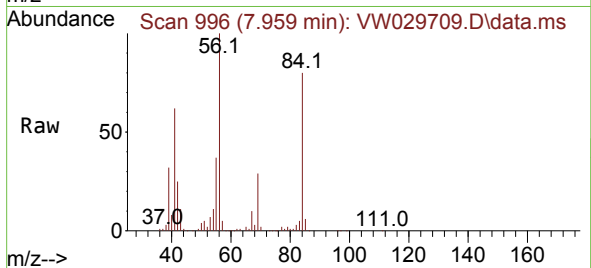
Tgt Ion: 62 Resp: 94203
Ion Ratio Lower Upper
62 100
98 7.9 6.0 9.0



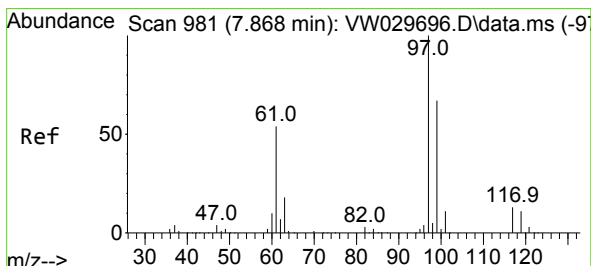
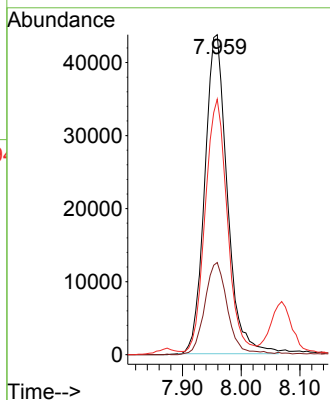
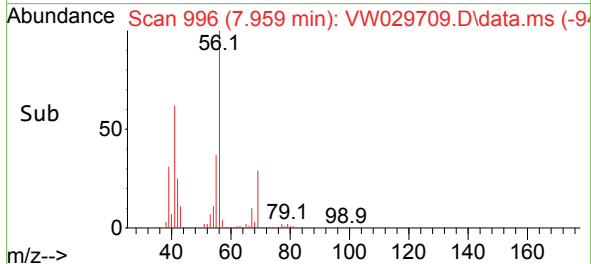


#29
Cyclohexane
Concen: 21.325 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Instrument :
MSVOA_W
ClientSampleId :

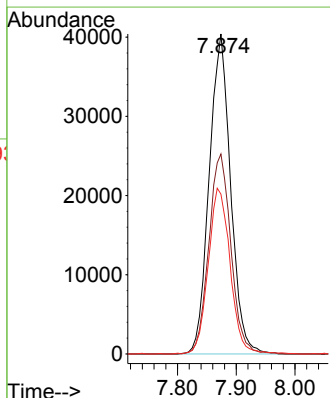
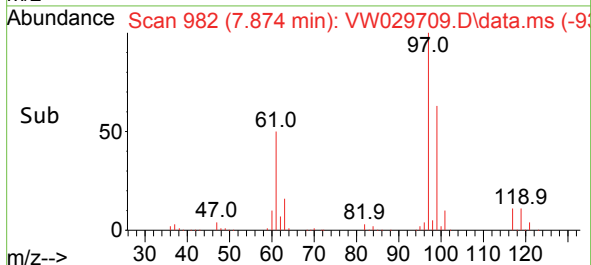
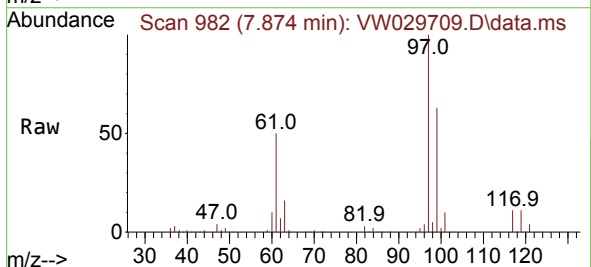


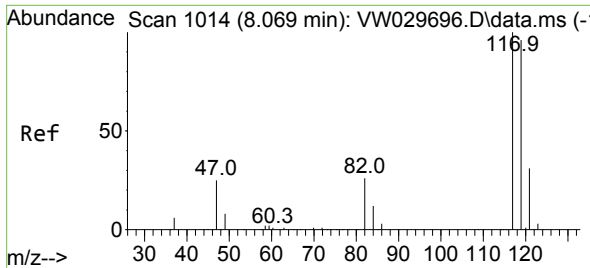
Tgt Ion: 56 Resp: 116621
Ion Ratio Lower Upper
56 100
69 29.0 23.3 34.9
84 78.3 63.1 94.7



#30
1,1,1-Trichloroethane
Concen: 20.394 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion: 97 Resp: 102280
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 52.9 40.6 61.0

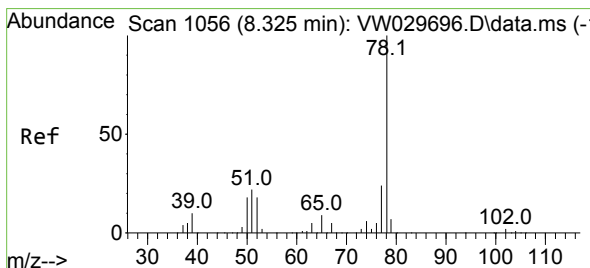
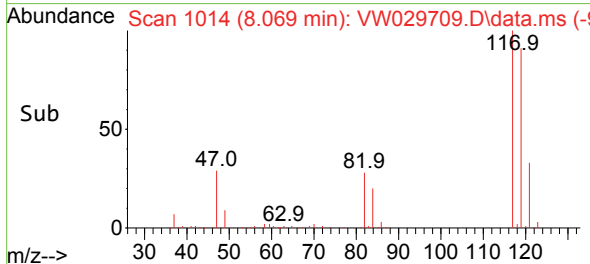
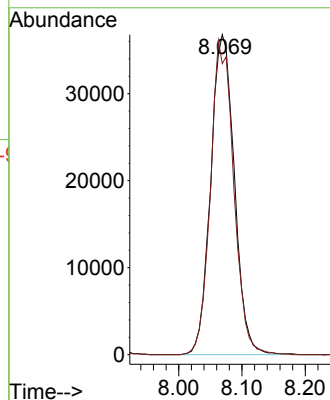
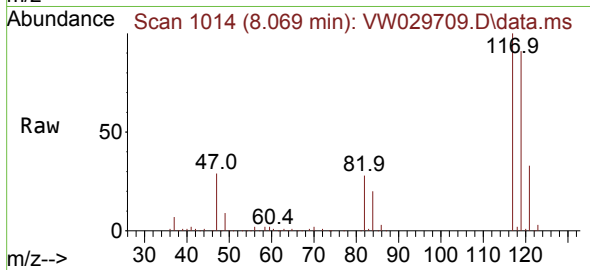




#31
Carbon tetrachloride
Concen: 20.797 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

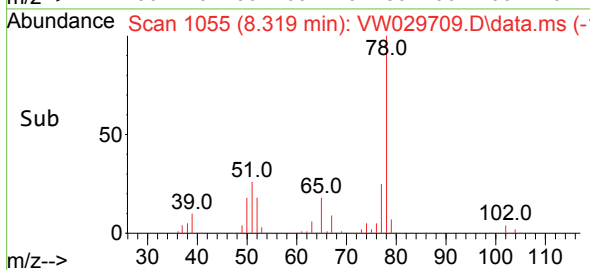
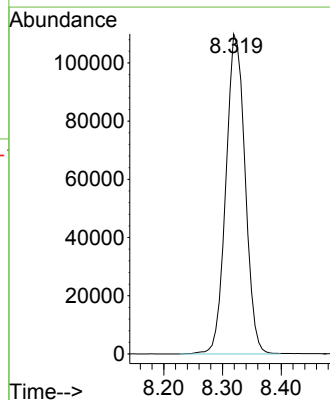
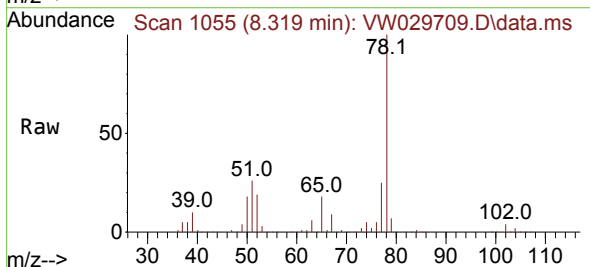
Instrument :
MSVOA_W
ClientSampleId :

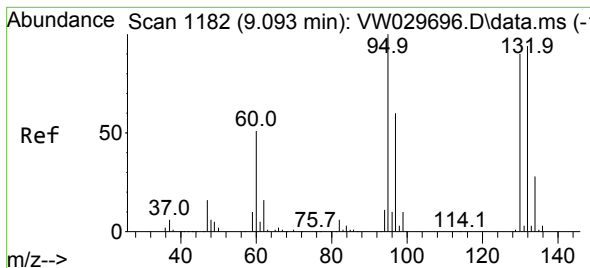
Tgt Ion:117 Resp: 95519
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6



#33
Benzene
Concen: 18.196 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion: 78 Resp: 250028





#34

Trichloroethene

Concen: 18.429 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 66870

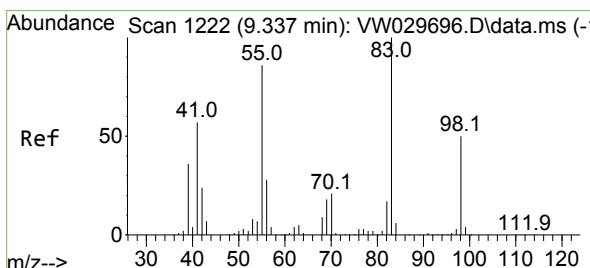
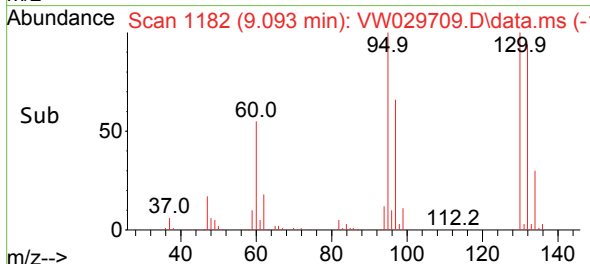
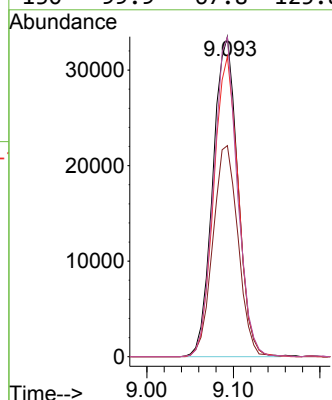
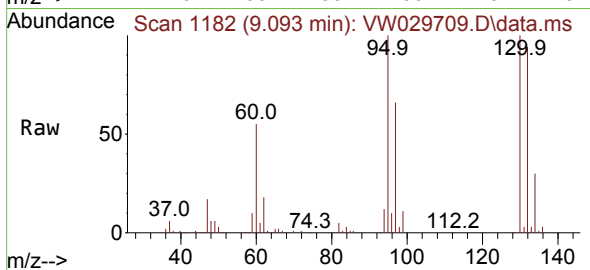
Ion Ratio Lower Upper

95 100

97 65.9 47.3 87.9

132 93.8 65.8 122.2

130 99.9 67.8 125.8



#35

Methylcyclohexane

Concen: 22.205 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

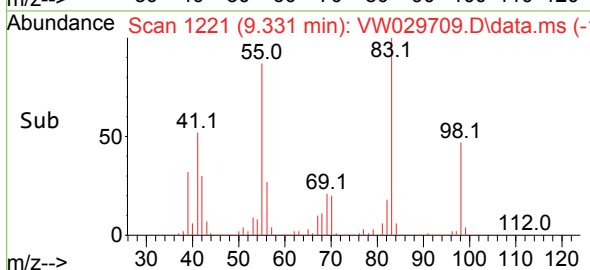
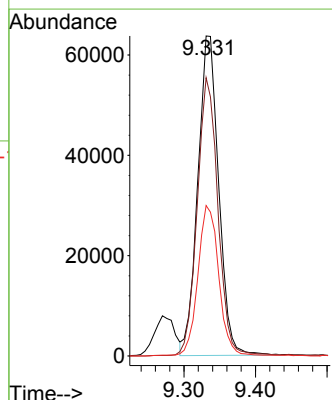
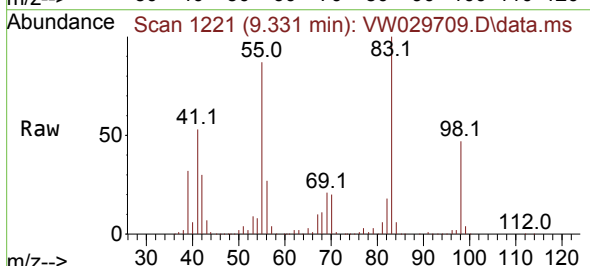
Tgt Ion: 83 Resp: 129506

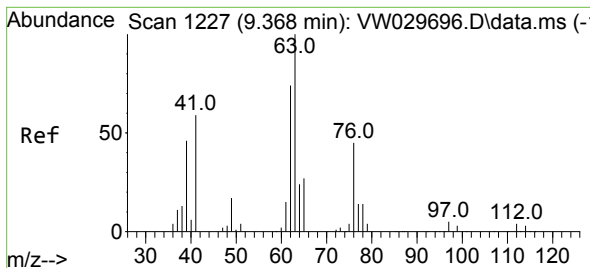
Ion Ratio Lower Upper

83 100

55 86.6 69.6 104.4

98 47.3 38.3 57.5

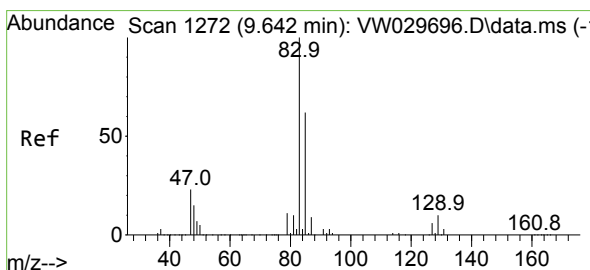
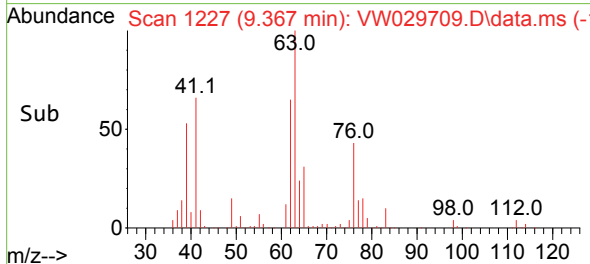
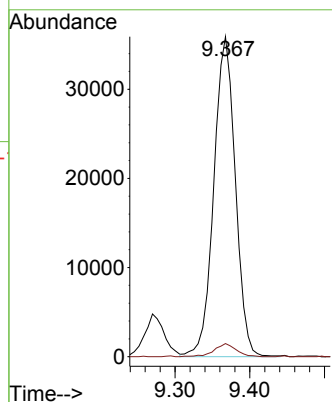
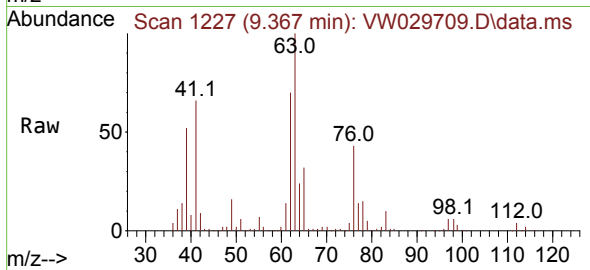




#37
1,2-Dichloropropane
Concen: 18.931 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

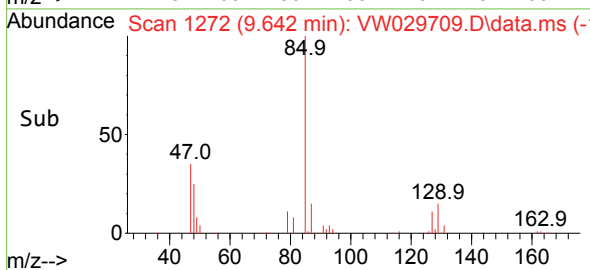
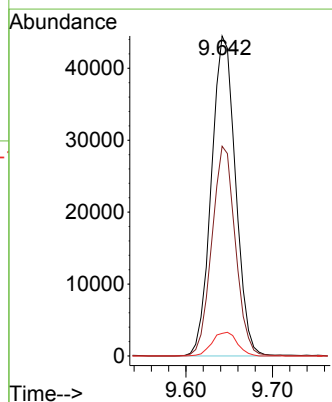
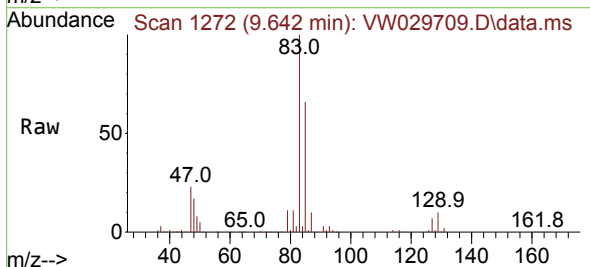
Instrument :
MSVOA_W
ClientSampleId :

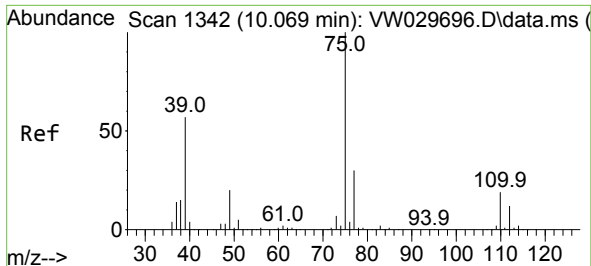
Tgt Ion: 63 Resp: 71932
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 18.553 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion: 83 Resp: 86107
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.5
127 7.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 17.757 ug/L

RT: 10.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

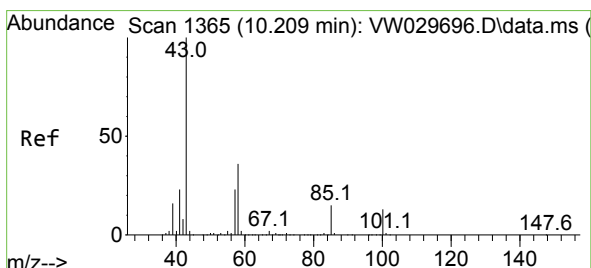
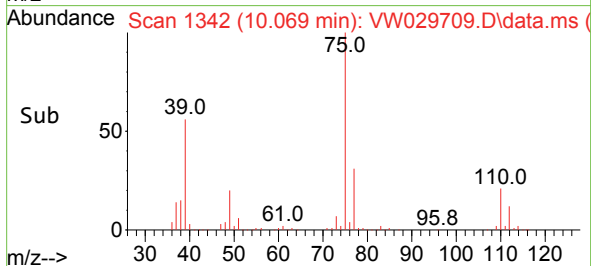
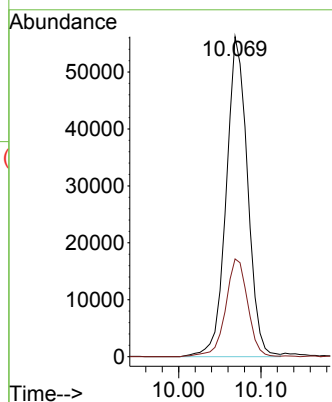
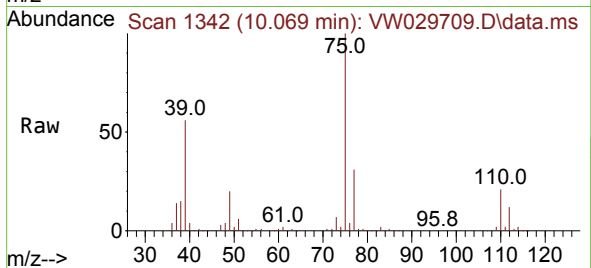
ClientSampleId :

Tgt Ion: 75 Resp: 101339

Ion Ratio Lower Upper

75 100

77 30.5 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 51.950 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

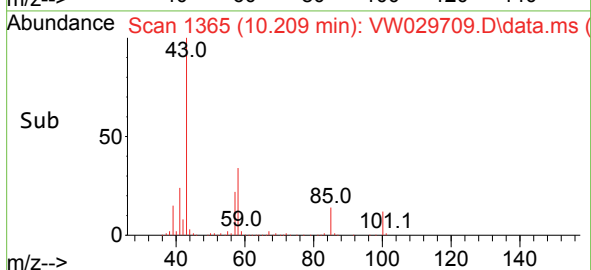
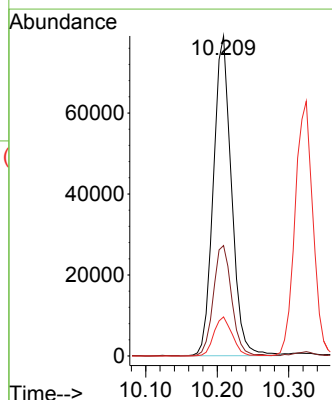
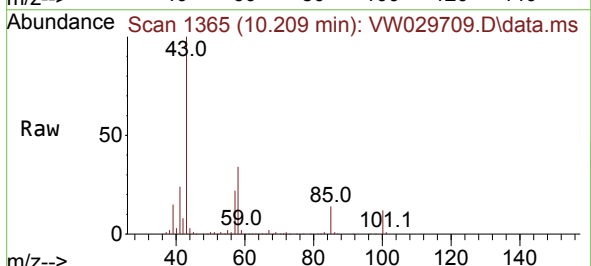
Tgt Ion: 43 Resp: 139118

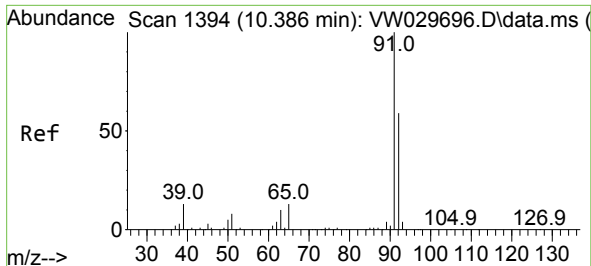
Ion Ratio Lower Upper

43 100

58 34.9 29.0 43.6

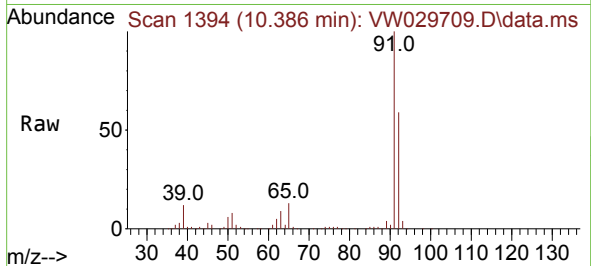
100 12.4 10.5 15.7



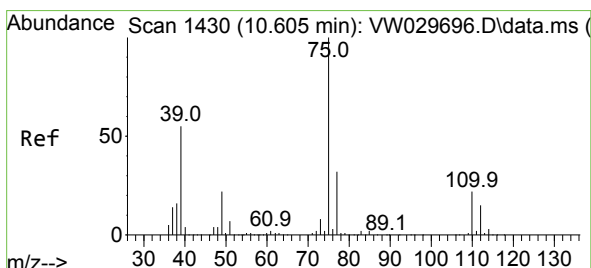
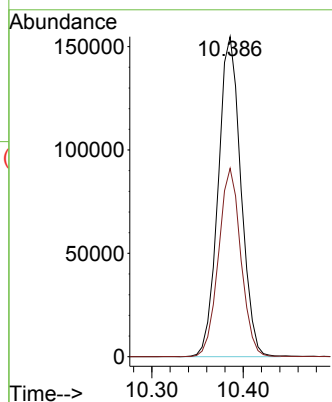
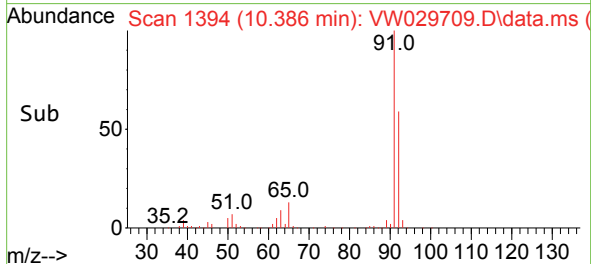


#42
Toluene
Concen: 19.018 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Instrument :
MSVOA_W
ClientSampleId :

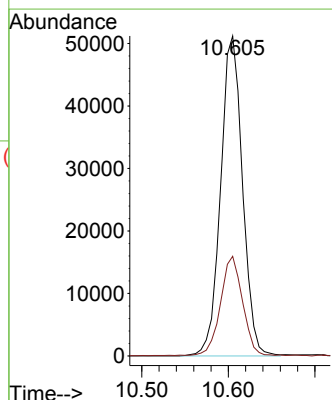
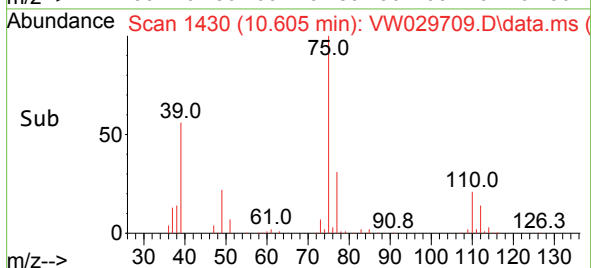
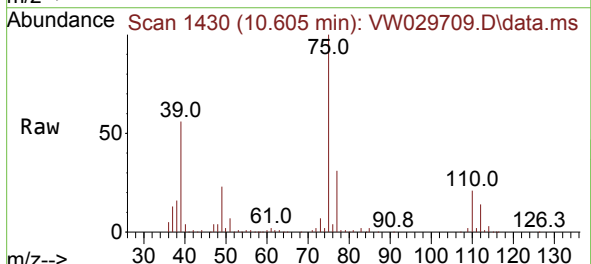


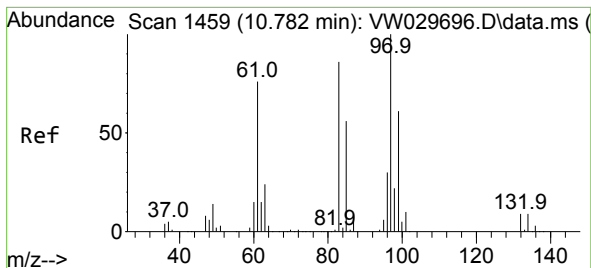
Tgt Ion: 91 Resp: 267340
Ion Ratio Lower Upper
91 100
92 58.9 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 18.367 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion: 75 Resp: 89841
Ion Ratio Lower Upper
75 100
77 31.2 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 19.512 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

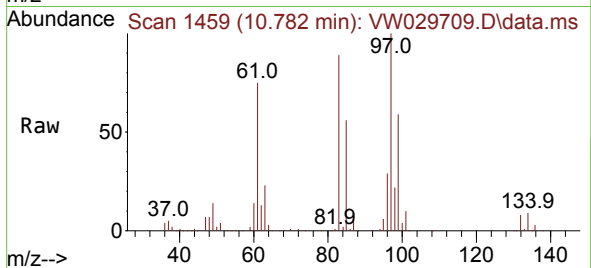
Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 53320

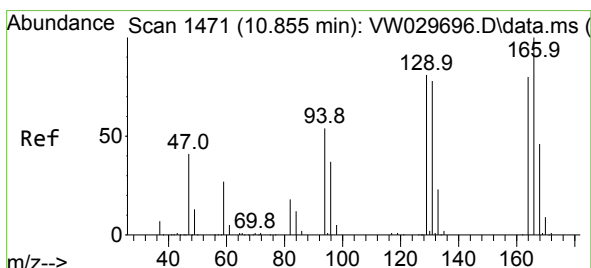
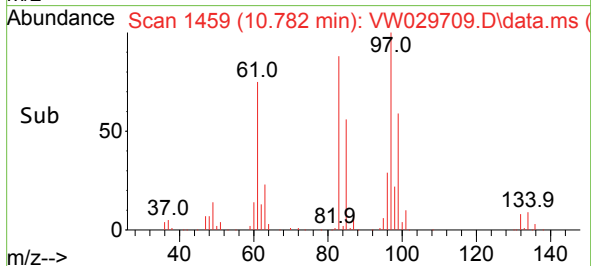
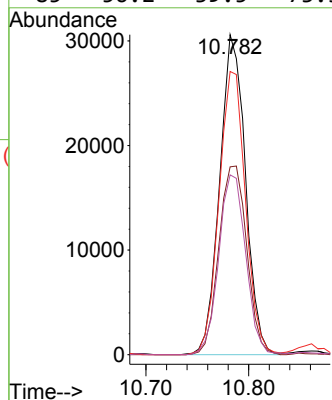
Ion Ratio Lower Upper

97 100

99 58.7 43.8 81.4

83 88.5 60.3 111.9

85 56.2 39.5 73.3



#46

Tetrachloroethene

Concen: 19.323 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Tgt Ion:164 Resp: 49814

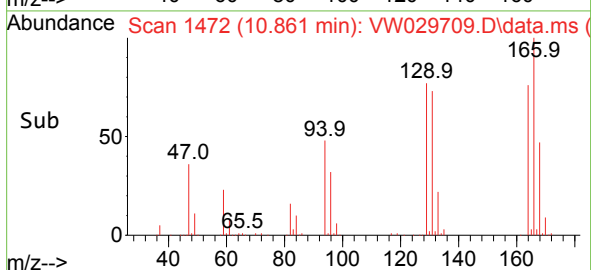
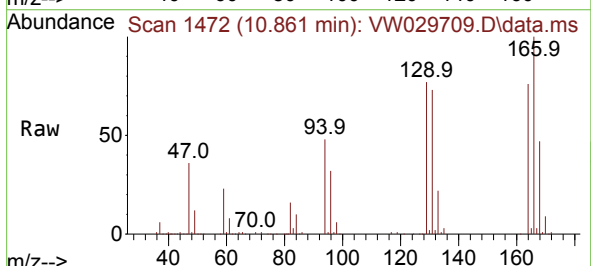
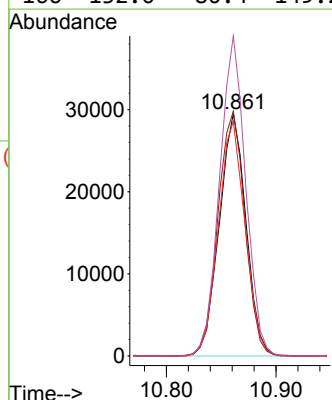
Ion Ratio Lower Upper

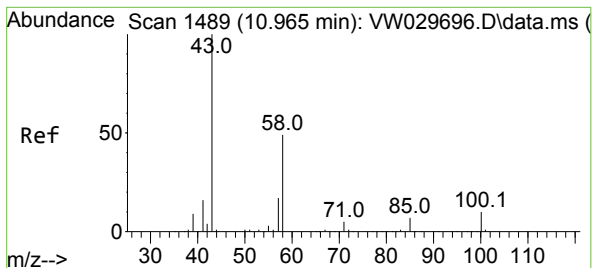
164 100

129 101.0 60.0 111.4

131 96.8 64.6 120.0

166 132.0 80.4 149.2





#48

2-Hexanone

Concen: 54.998 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

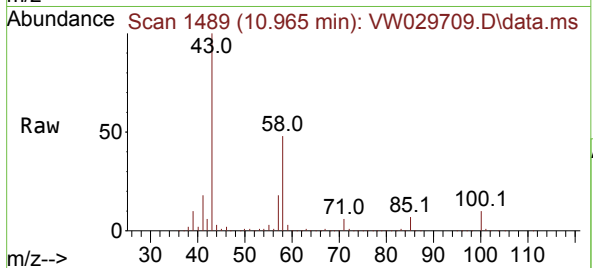
Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 110646

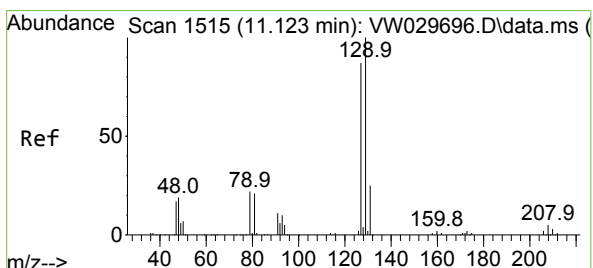
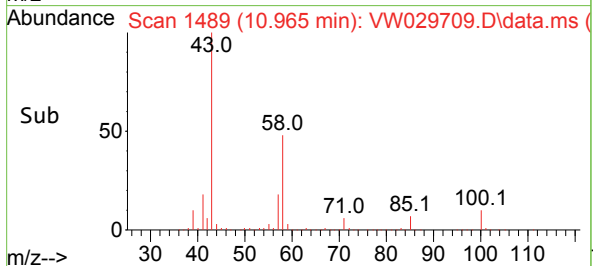
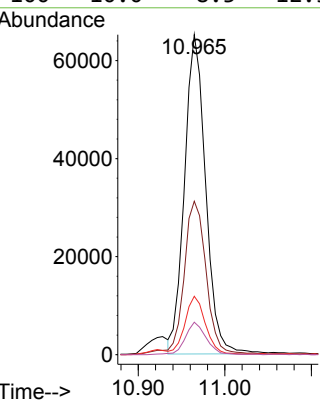
Ion Ratio Lower Upper

43 100

58 50.0 39.8 59.8

57 18.1 14.6 21.8

100 10.0 8.3 12.5



#49

Dibromochloromethane

Concen: 19.333 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029709.D

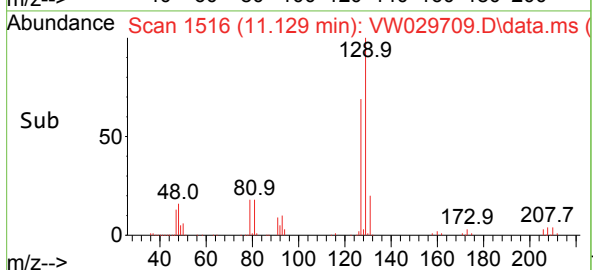
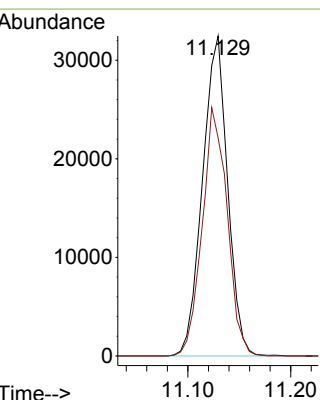
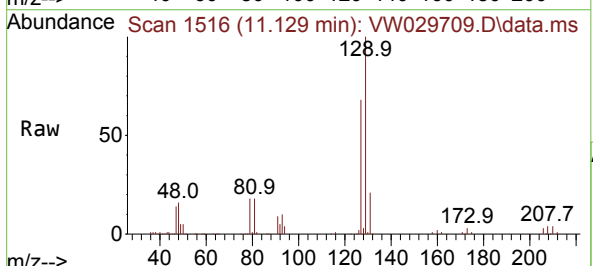
Acq: 23 Jul 2024 16:42

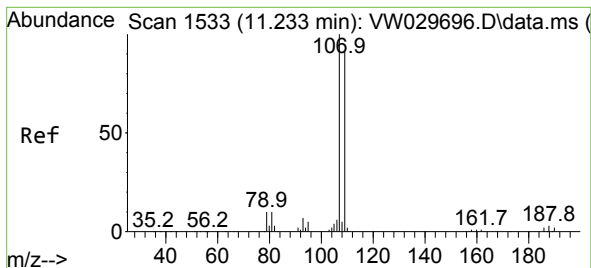
Tgt Ion:129 Resp: 54981

Ion Ratio Lower Upper

129 100

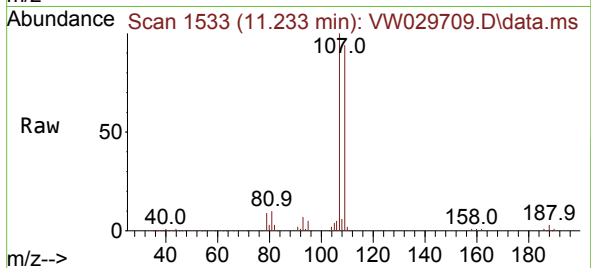
127 68.2 51.9 96.3



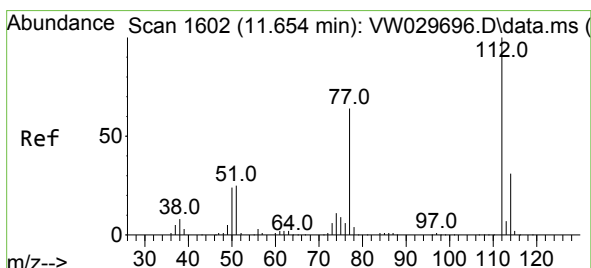
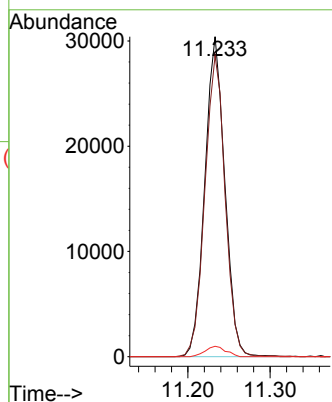
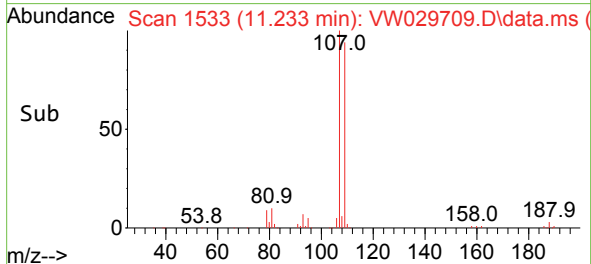


#50
1,2-Dibromoethane
Concen: 19.749 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Instrument :
MSVOA_W
ClientSampleId :

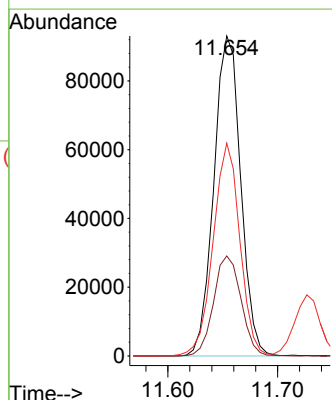
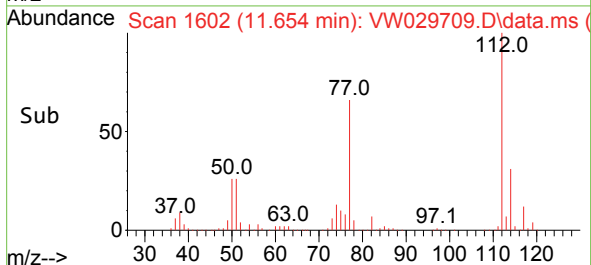
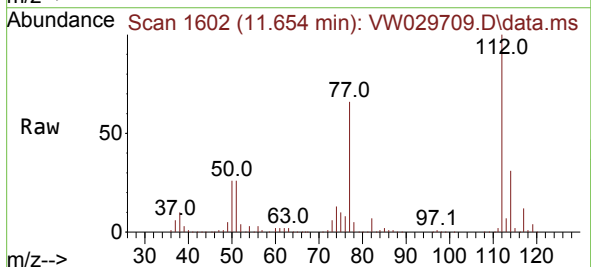


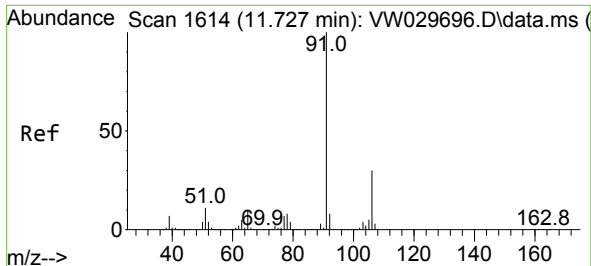
Tgt Ion:107 Resp: 51429
Ion Ratio Lower Upper
107 100
109 94.0 63.2 117.4
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 17.452 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion:112 Resp: 158587
Ion Ratio Lower Upper
112 100
114 31.3 22.6 42.0
77 66.5 49.9 74.9





#52

Ethylbenzene

Concen: 19.133 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

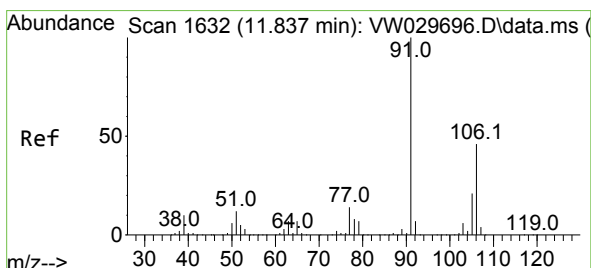
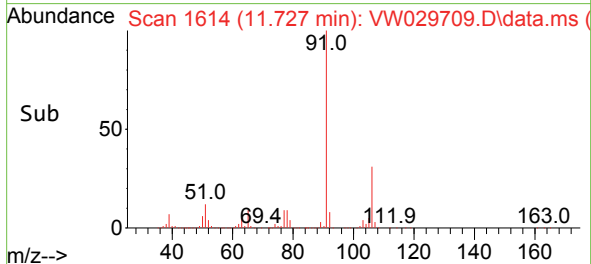
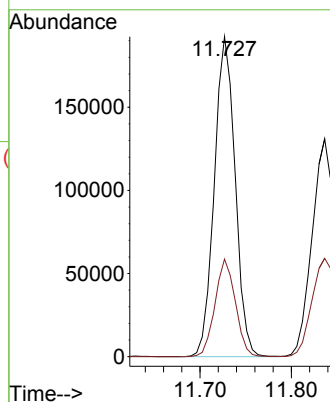
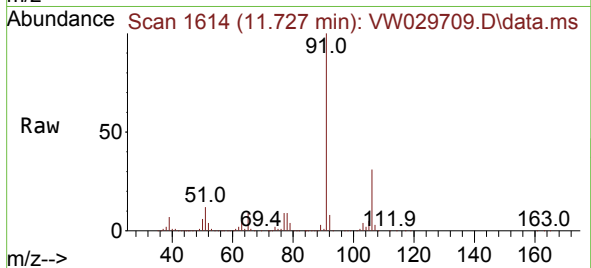
ClientSampleId :

Tgt Ion: 91 Resp: 304718

Ion Ratio Lower Upper

91 100

106 30.5 20.2 37.6



#53

m,p-Xylene

Concen: 18.977 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029709.D

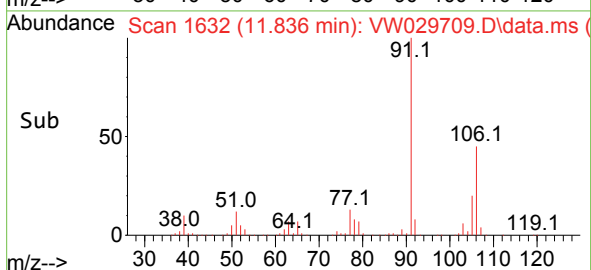
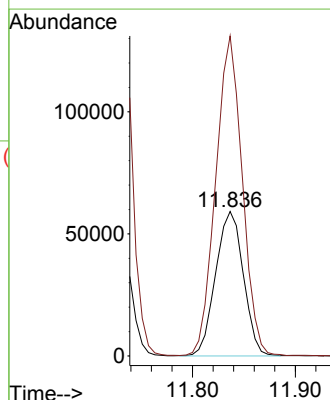
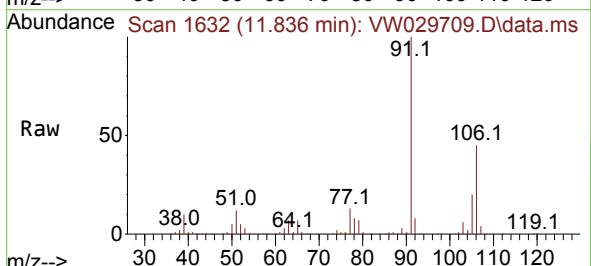
Acq: 23 Jul 2024 16:42

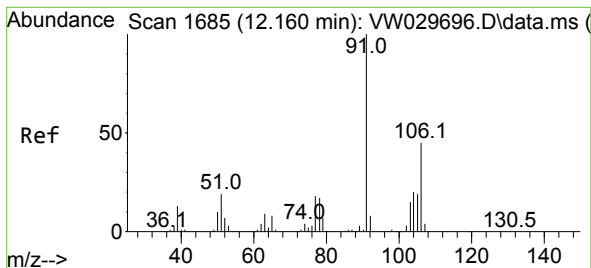
Tgt Ion:106 Resp: 110950

Ion Ratio Lower Upper

106 100

91 221.4 149.3 277.3

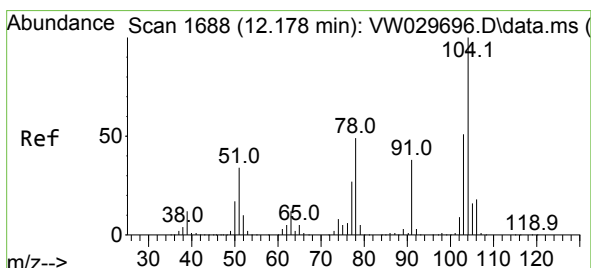
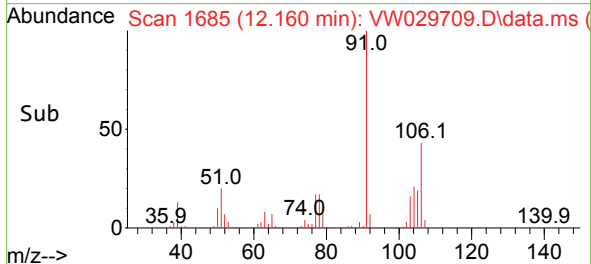
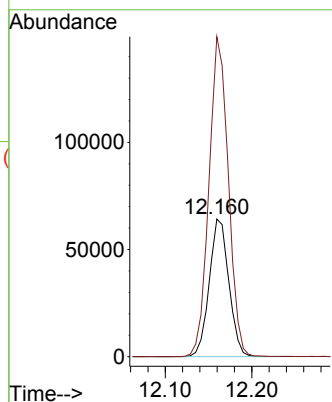
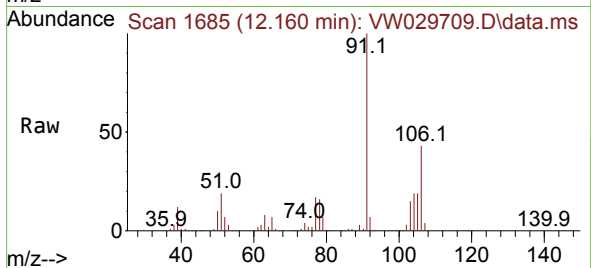




#54
o-Xylene
Concen: 18.684 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

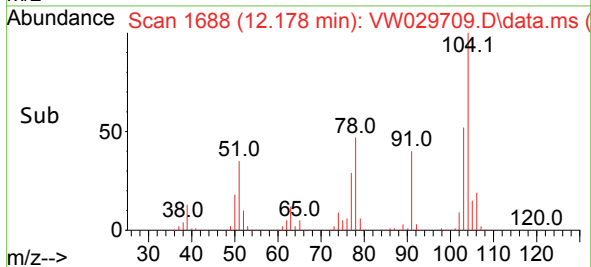
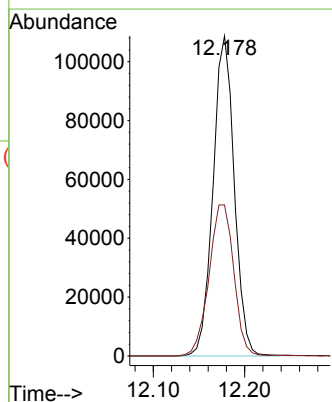
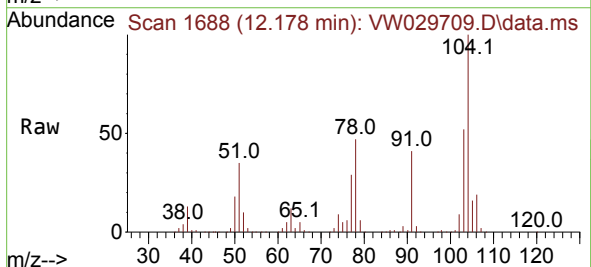
Instrument :
MSVOA_W
ClientSampleId :

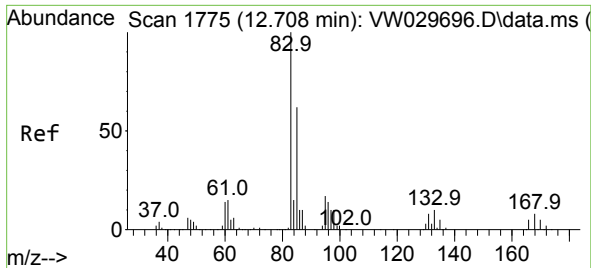
Tgt Ion:106 Resp: 101037
Ion Ratio Lower Upper
106 100
91 232.6 159.2 295.6



#55
Styrene
Concen: 18.440 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion:104 Resp: 175343
Ion Ratio Lower Upper
104 100
78 47.2 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 22.158 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029709.D

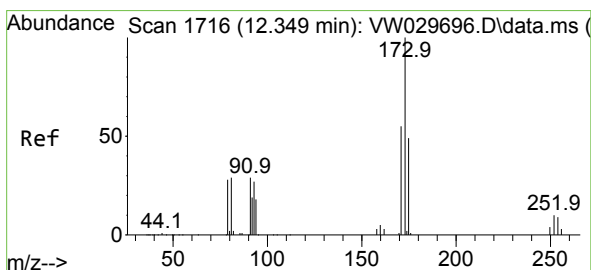
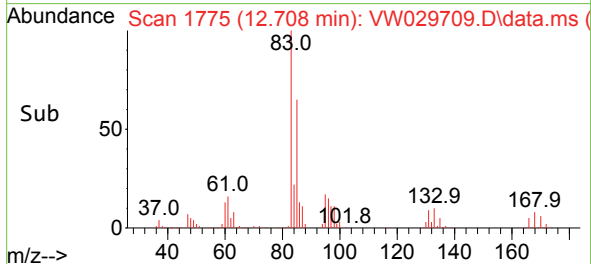
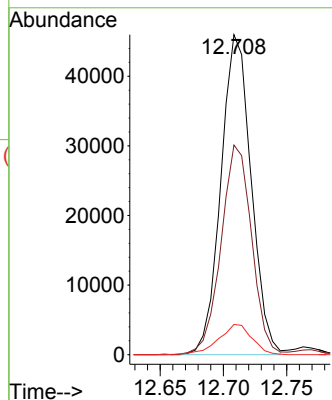
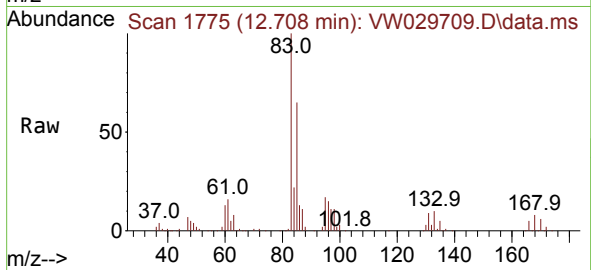
Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	76380
Ion Ratio	Lower	Upper	
83	100		
85	65.5	45.4	84.4
131	9.4	6.4	9.6



#59

Bromoform

Concen: 21.988 ug/L

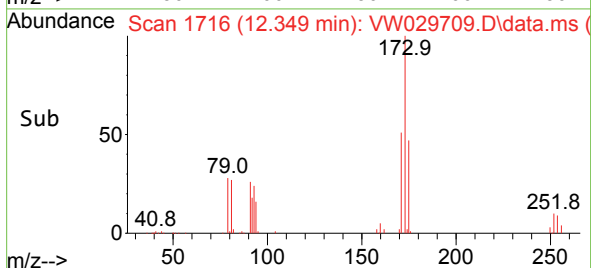
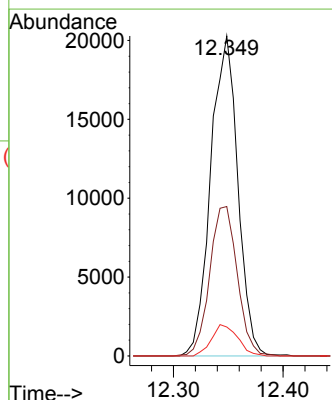
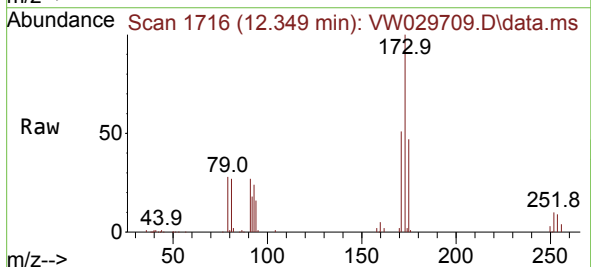
RT: 12.349 min Scan# 1716

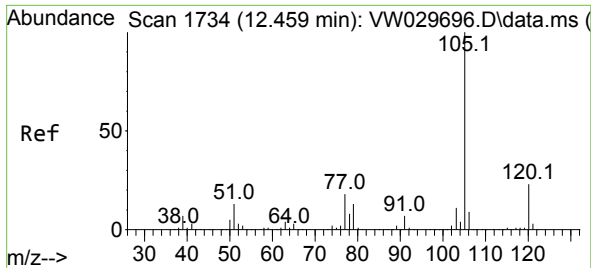
Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

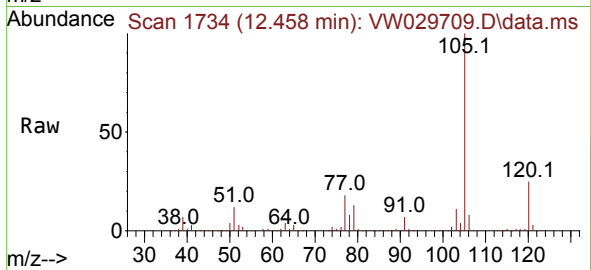
Tgt Ion:	173	Resp:	34844
Ion Ratio	Lower	Upper	
173	100		
175	47.6	40.4	60.6
254	9.4	8.8	13.2



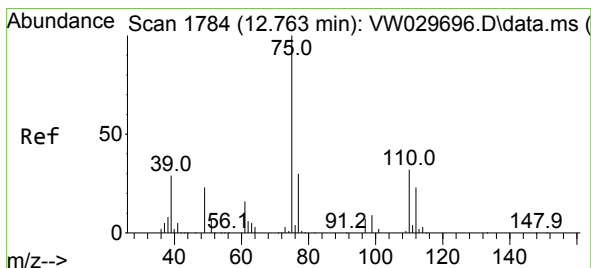
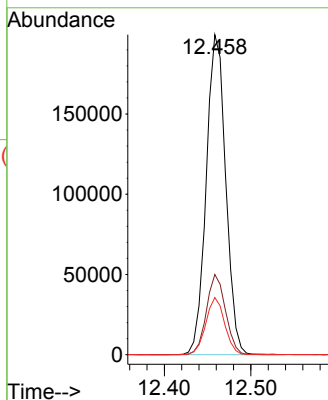
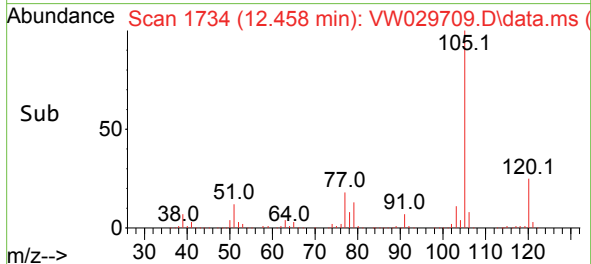


#60
Isopropylbenzene
Concen: 21.607 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

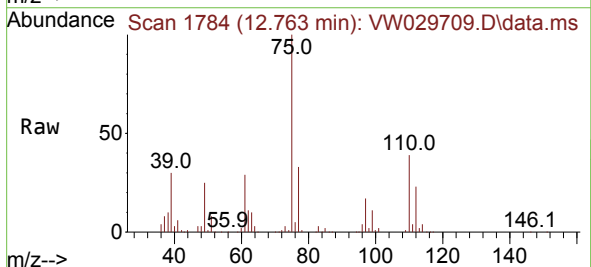
Instrument :
MSVOA_W
ClientSampleId :



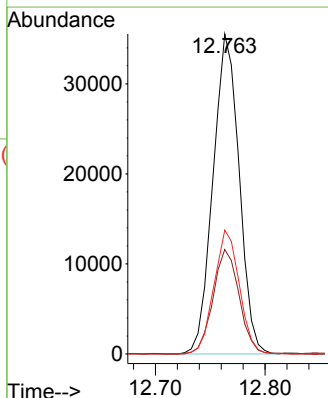
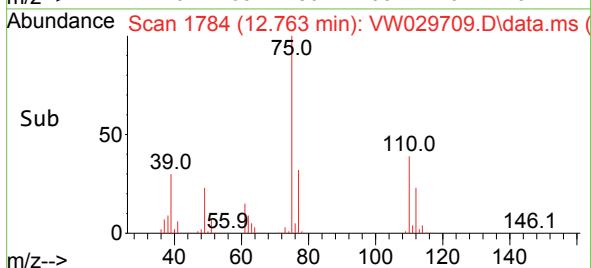
Tgt Ion:105 Resp: 312102
Ion Ratio Lower Upper
105 100
120 24.5 20.2 30.4
77 17.3 13.6 20.4

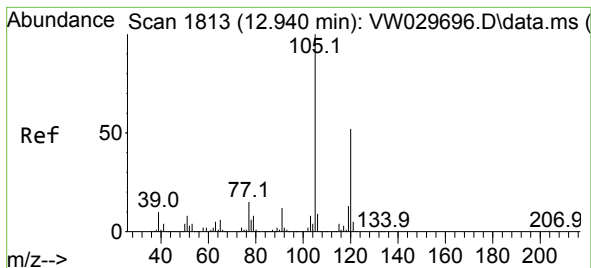


#61
1,2,3-Trichloropropane
Concen: 23.675 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42



Tgt Ion: 75 Resp: 58820
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
110 37.6 29.1 43.7

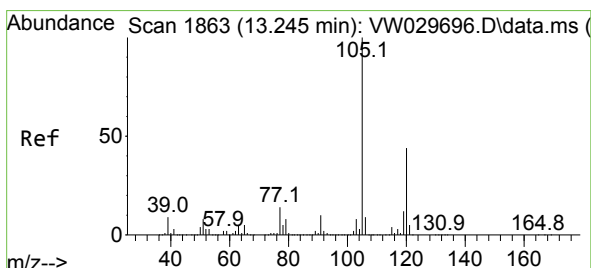
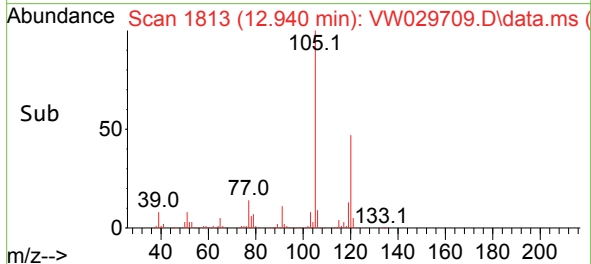
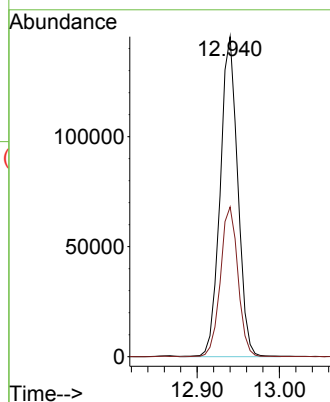
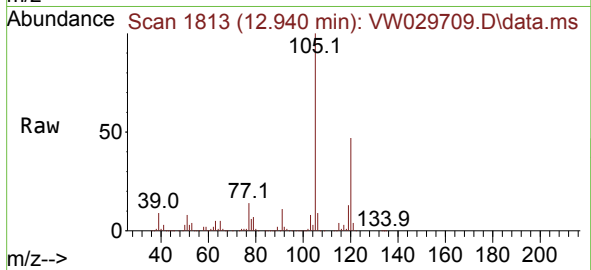




#62
1,3,5-Trimethylbenzene
Concen: 20.961 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

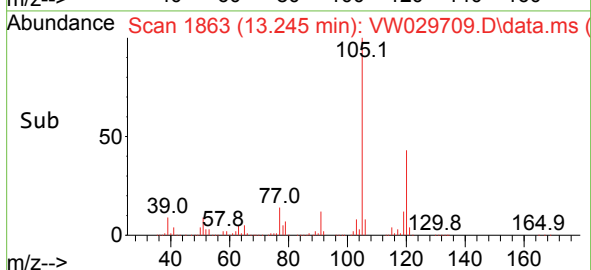
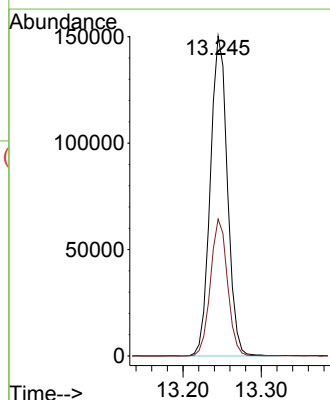
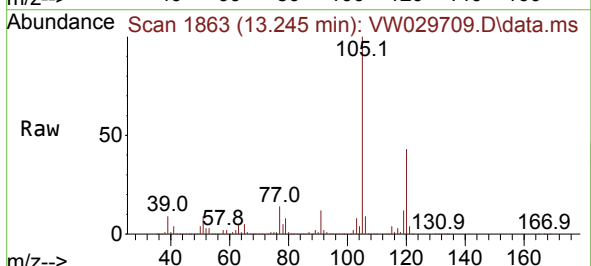
Instrument :
MSVOA_W
ClientSampleId :

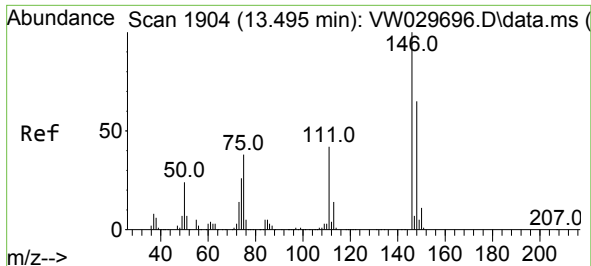
Tgt Ion:105 Resp: 215365
Ion Ratio Lower Upper
105 100
120 46.7 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 20.040 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

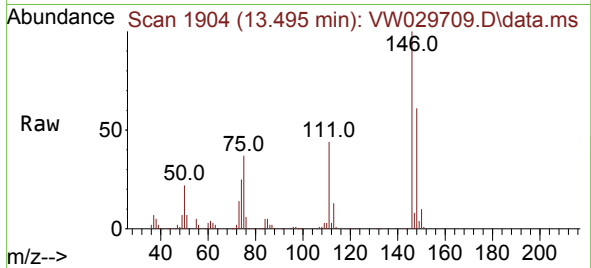
Tgt Ion:105 Resp: 227246
Ion Ratio Lower Upper
105 100
120 42.7 34.7 52.1



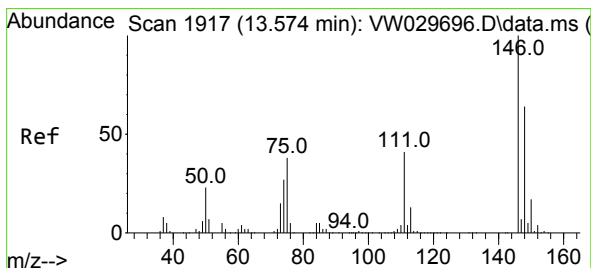
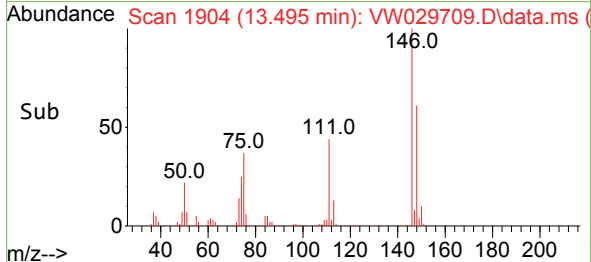
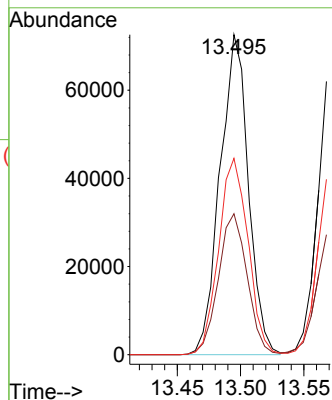


#64
1,3-Dichlorobenzene
Concen: 17.483 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Instrument :
MSVOA_W
ClientSampleId :

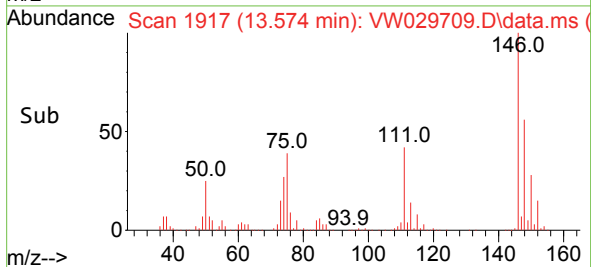
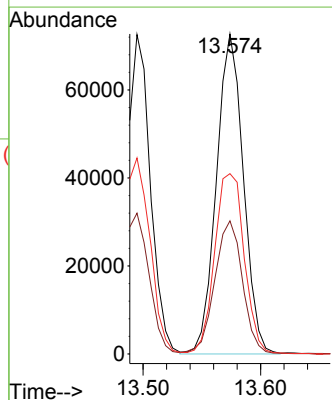
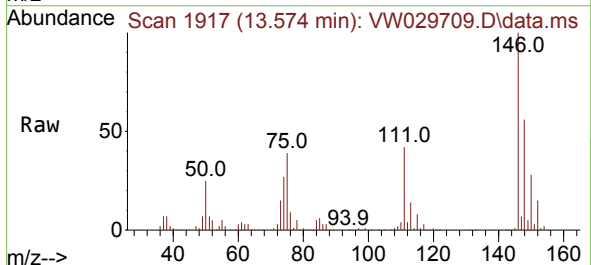


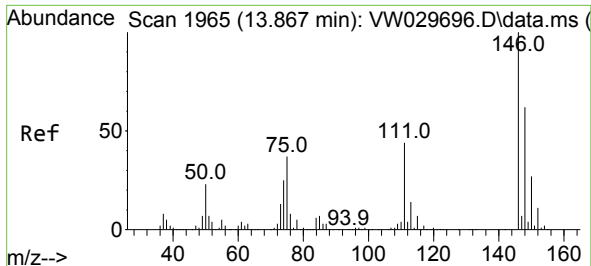
Tgt Ion:146 Resp: 113191
Ion Ratio Lower Upper
146 100
111 44.1 28.6 53.2
148 61.3 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 17.509 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029709.D
Acq: 23 Jul 2024 16:42

Tgt Ion:146 Resp: 116133
Ion Ratio Lower Upper
146 100
111 41.6 27.6 51.4
148 56.3 40.9 75.9





#67

1,2-Dichlorobenzene

Concen: 18.082 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

ClientSampleId :

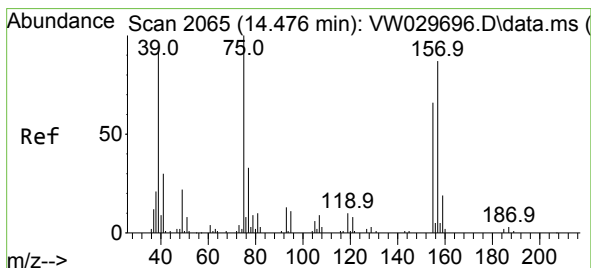
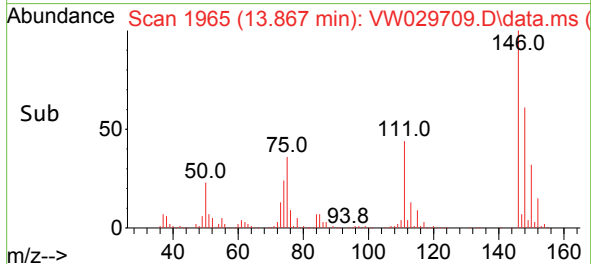
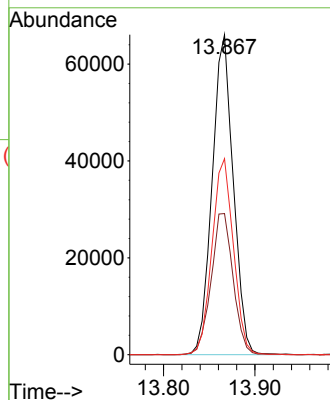
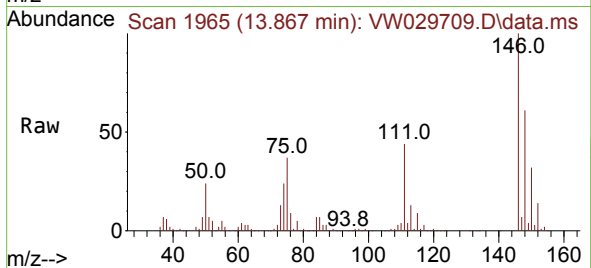
Tgt Ion:146 Resp: 105826

Ion Ratio Lower Upper

146 100

111 44.1 37.1 55.7

148 61.3 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.842 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

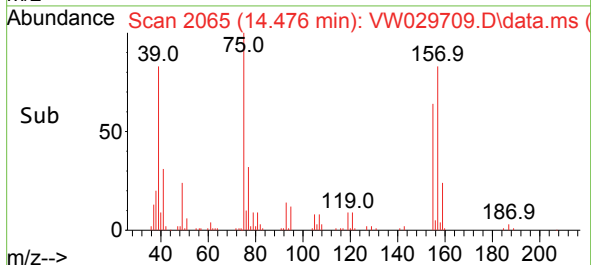
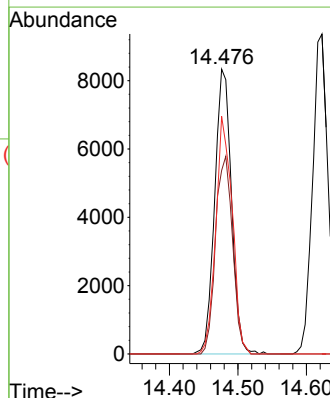
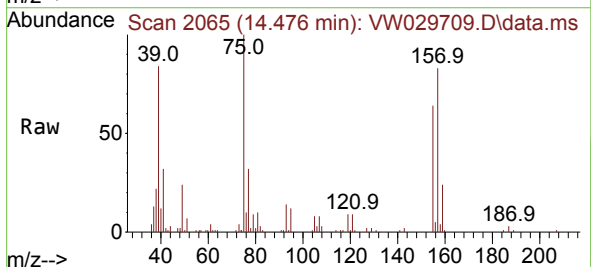
Tgt Ion: 75 Resp: 14161

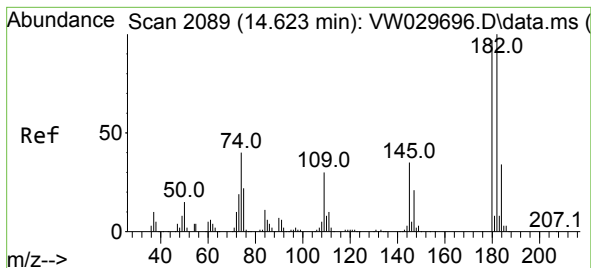
Ion Ratio Lower Upper

75 100

155 64.4 51.2 76.8

157 83.4 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 15.290 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

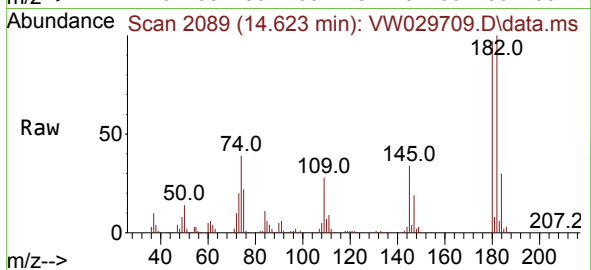
Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 64582

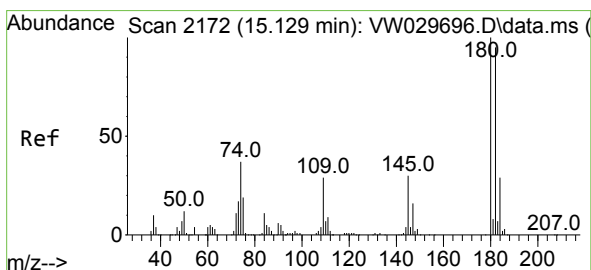
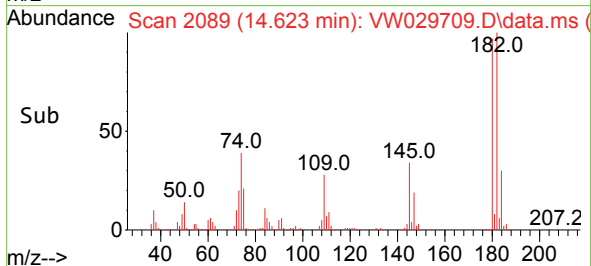
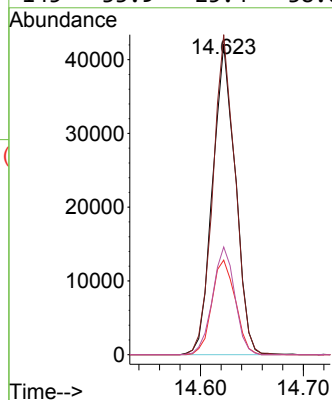
Ion Ratio Lower Upper

180 100

182 100.9 77.9 116.9

184 31.4 24.4 36.6

145 33.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 15.072 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

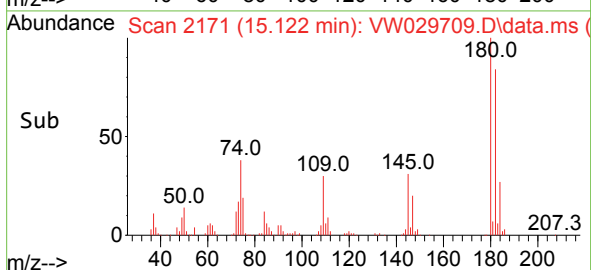
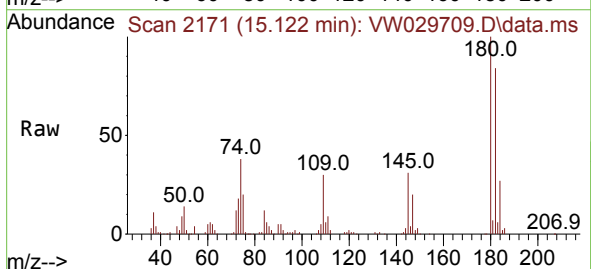
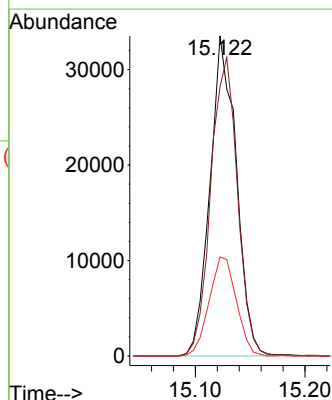
Tgt Ion:180 Resp: 56013

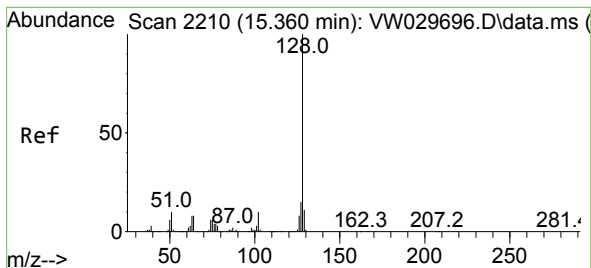
Ion Ratio Lower Upper

180 100

182 94.4 74.7 112.1

145 32.0 26.2 39.2





#71

Naphthalene

Concen: 20.785 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Instrument :

MSVOA_W

ClientSampleId :

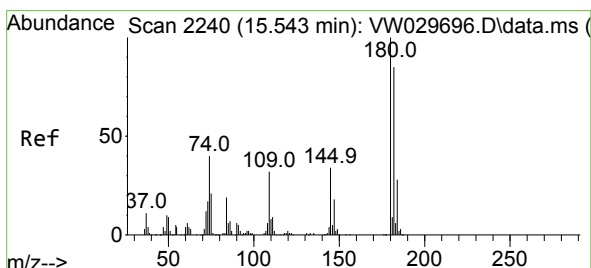
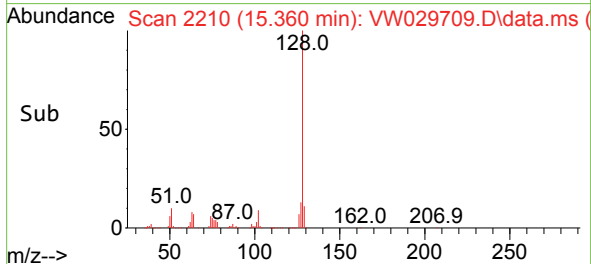
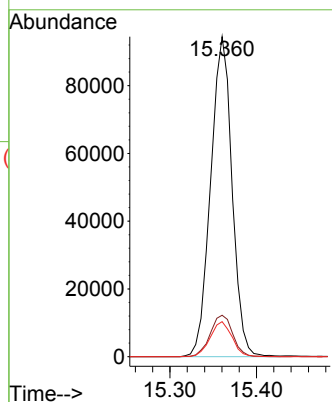
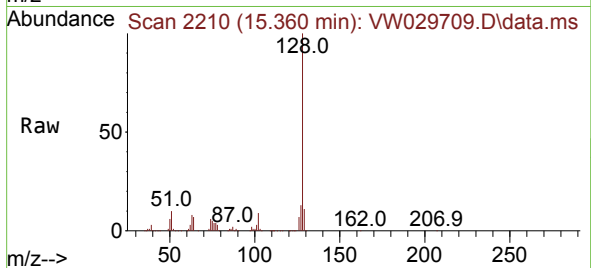
Tgt Ion:128 Resp: 162135

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 15.496 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW029709.D

Acq: 23 Jul 2024 16:42

Tgt Ion:180 Resp: 52323

Ion Ratio Lower Upper

180 100

182 99.7 73.4 110.0

145 36.5 26.9 40.3

