

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029744.D
 Acq On : 26 Jul 2024 11:45
 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 27 00:50:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:35:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	197176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	186103	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	89712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	66125	23.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.480%
7) Chloroethane-d5	2.893	69	49279	24.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
11) 1,1-Dichloroethene-d2	4.015	65	31470	24.628	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.520%
21) 2-Butanone-d5	7.081	46	33816	44.075	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.160%
24) Chloroform-d	7.648	84	134444	26.340	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.360%
26) 1,2-Dichloroethane-d4	8.301	65	75377	25.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.720%
32) Benzene-d6	8.270	84	258834	25.741	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.960%
36) 1,2-Dichloropropane-d6	9.270	67	83258	25.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.720%
41) Toluene-d8	10.319	98	238738	26.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.800%
43) trans-1,3-Dichloroprop...	10.575	79	32153	24.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.000%
47) 2-Hexanone-d5	10.922	63	21921	41.405	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58334	24.468	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	70032	25.141	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78371	29.487	ug/L	96
3) Chloromethane	2.216	50	87350	26.560	ug/L	99
5) Vinyl chloride	2.369	62	101567	27.561	ug/L	98
6) Bromomethane	2.789	94	55507	27.431	ug/L	100
8) Chloroethane	2.936	64	59274	28.275	ug/L	97
9) Trichlorofluoromethane	3.265	101	87514	29.731	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	77534	26.447	ug/L	98
12) 1,1-Dichloroethene	4.045	96	71979	26.721	ug/L	90
13) Acetone	4.118	43	56271	59.017	ug/L	99
14) Carbon disulfide	4.387	76	253131	28.238	ug/L	98
15) Methyl Acetate	4.667	43	37437	23.573	ug/L	99
16) Methylene chloride	4.911	84	89513	21.716	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	77556	26.718	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	119866	25.055	ug/L	97
19) 1,1-Dichloroethane	6.216	63	161794	26.428	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	82183	26.101	ug/L	99
22) 2-Butanone	7.167	43	60010	49.120	ug/L	99
23) Bromochloromethane	7.514	128	34933	26.133	ug/L	91
25) Chloroform	7.673	83	155483	26.956	ug/L	99

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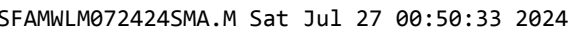
Instrument :
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 ClientSampleId :

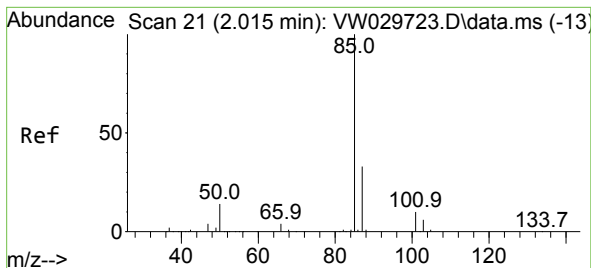
Quant Time: Jul 27 00:50:19 2024
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 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:35:38 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109781	26.116	ug/L	99
29) Cyclohexane	7.953	56	147744	27.936	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	127503	27.055	ug/L	98
31) Carbon tetrachloride	8.069	117	114185	26.889	ug/L	98
33) Benzene	8.319	78	335717	26.328	ug/L	100
34) Trichloroethene	9.087	95	87983	26.321	ug/L	93
35) Methylcyclohexane	9.331	83	156835	28.157	ug/L	99
37) 1,2-Dichloropropane	9.368	63	92293	26.412	ug/L	100
38) Bromodichloromethane	9.642	83	106410	25.572	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	130681	25.679	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	103134	46.466	ug/L	100
42) Toluene	10.386	91	353071	27.127	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	108266	25.627	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	58486	24.914	ug/L	95
46) Tetrachloroethene	10.861	164	64183	26.417	ug/L	93
48) 2-Hexanone	10.965	43	82677	49.735	ug/L	98
49) Dibromochloromethane	11.129	129	62536	25.661	ug/L	96
50) 1,2-Dibromoethane	11.233	107	53943	24.835	ug/L	93
51) Chlorobenzene	11.654	112	211204	26.087	ug/L	99
52) Ethylbenzene	11.727	91	402264	27.399	ug/L	98
53) m,p-Xylene	11.837	106	147015	27.227	ug/L	96
54) o-Xylene	12.166	106	137119	27.576	ug/L	99
55) Styrene	12.178	104	237645	27.572	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	68258	23.690	ug/L	98
59) Bromoform	12.349	173	33066	24.495	ug/L	97
60) Isopropylbenzene	12.458	105	386973	27.876	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	51463	23.586	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	308130	29.862	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	310856	28.169	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	155995	26.338	ug/L	99
65) 1,4-Dichlorobenzene	13.568	146	150260	24.698	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	137180	25.440	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	10826	21.852	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	107572	26.545	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	84505	24.752	ug/L	92
71) Naphthalene	15.360	128	151668	23.283	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74744	24.189	ug/L	97

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

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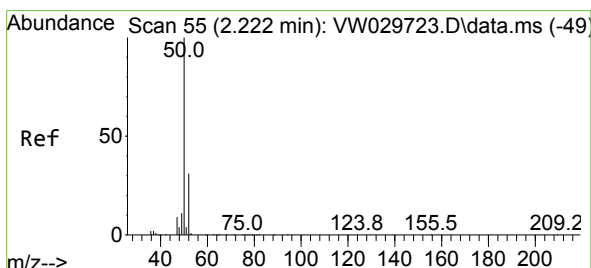
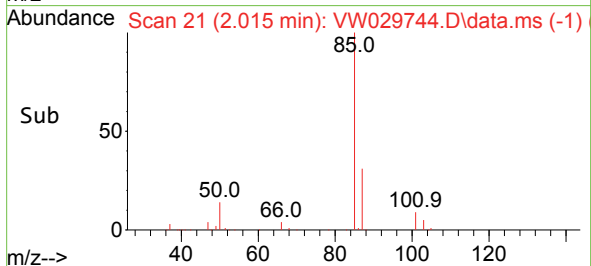
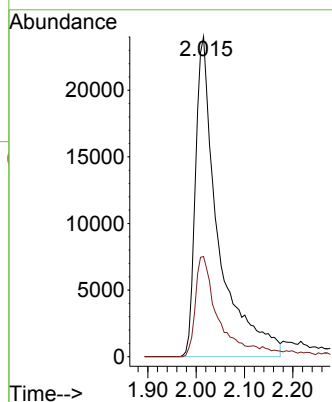
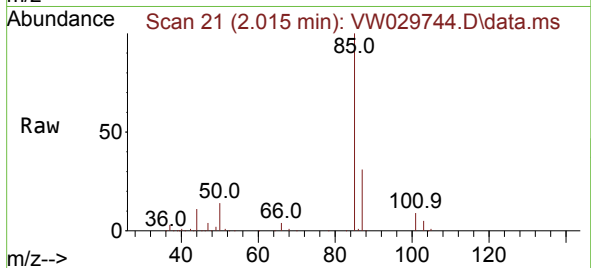




#2
Dichlorodifluoromethane
Concen: 29.487 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

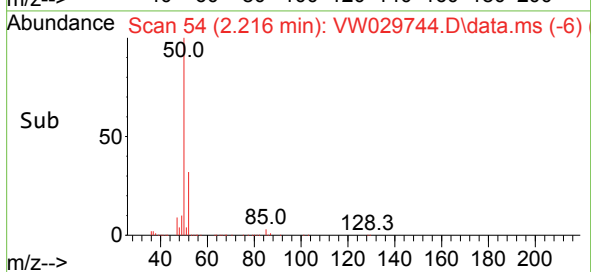
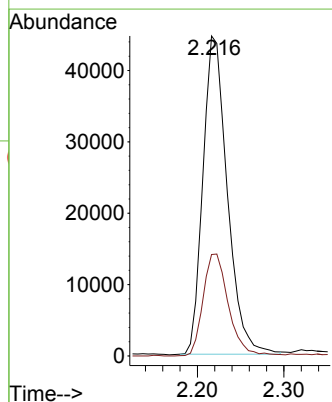
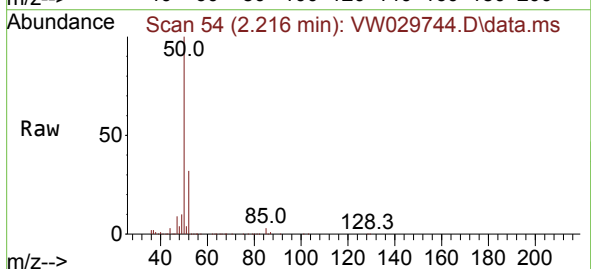
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MSVOA_W
ClientSampleId :

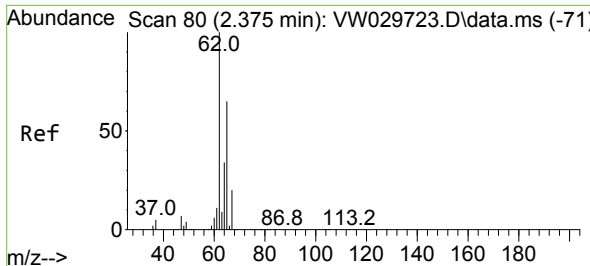
Tgt Ion: 85 Resp: 78371
Ion Ratio Lower Upper
85 100
87 29.5 25.5 38.3



#3
Chloromethane
Concen: 26.560 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 50 Resp: 87350
Ion Ratio Lower Upper
50 100
52 31.7 22.5 41.9

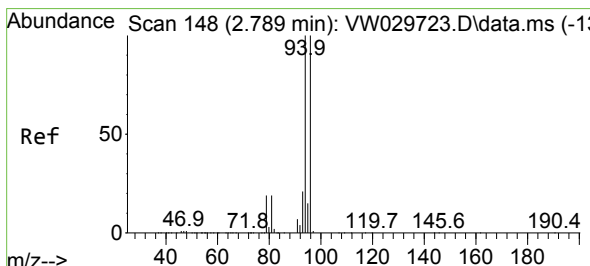
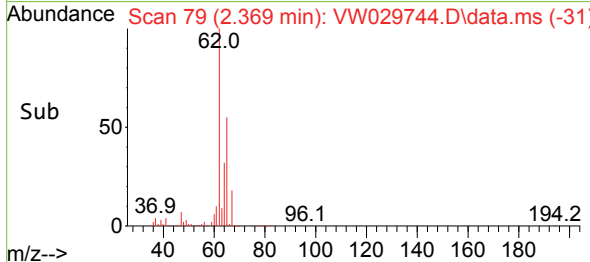
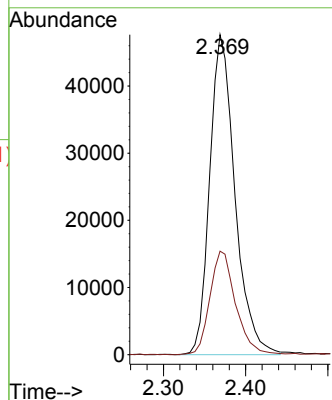
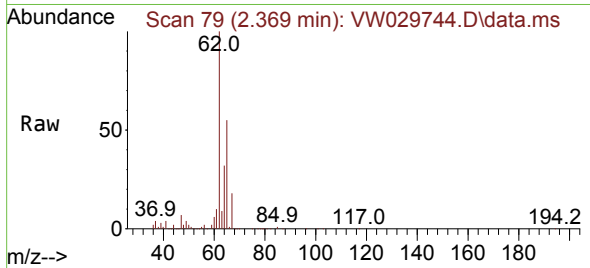




#5
 Vinyl chloride
 Concen: 27.561 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW029744.D
 Acq: 26 Jul 2024 11:45

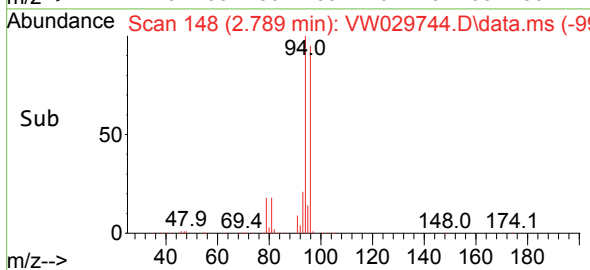
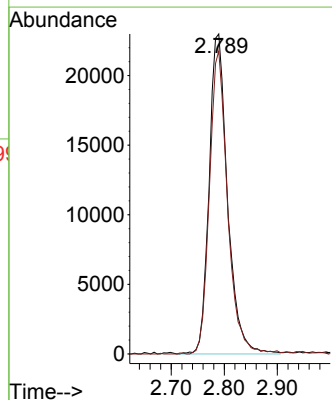
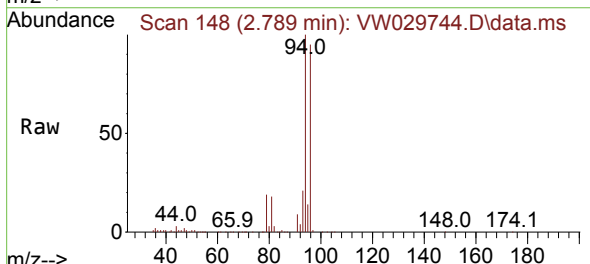
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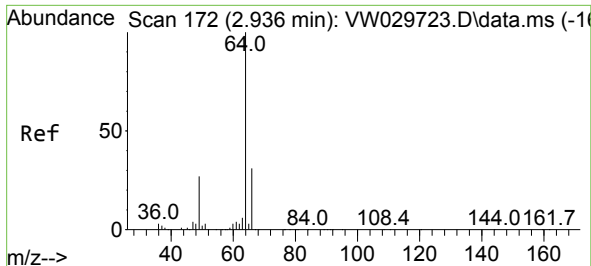
Tgt Ion: 62 Resp: 101567
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.2



#6
 Bromomethane
 Concen: 27.431 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029744.D
 Acq: 26 Jul 2024 11:45

Tgt Ion: 94 Resp: 55507
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.2 123.0

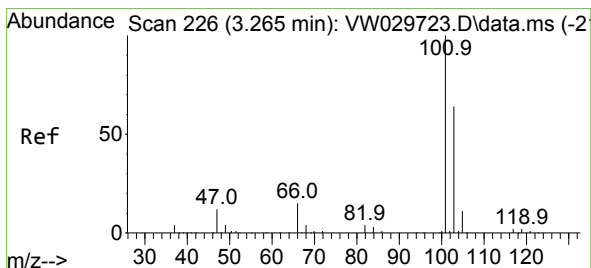
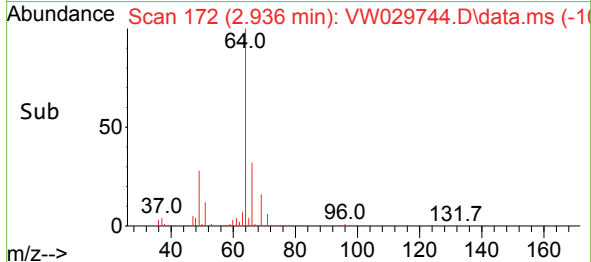
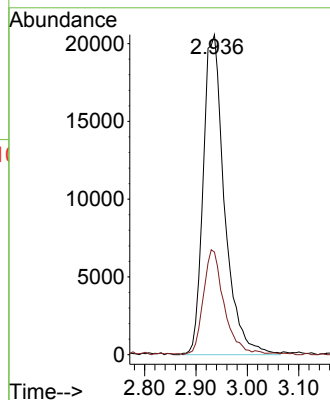
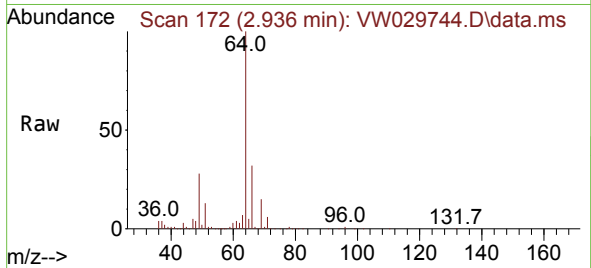




#8
Chloroethane
Concen: 28.275 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

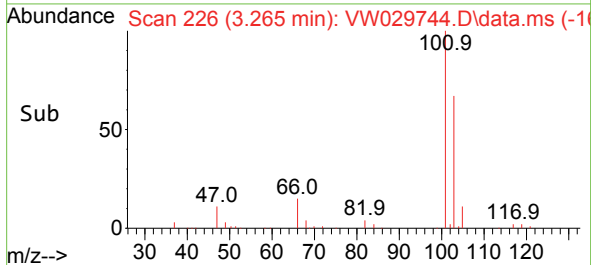
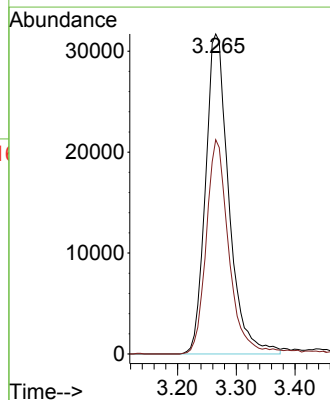
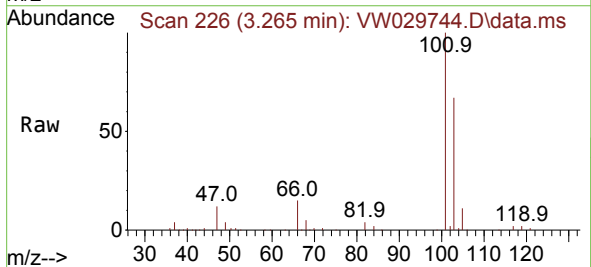
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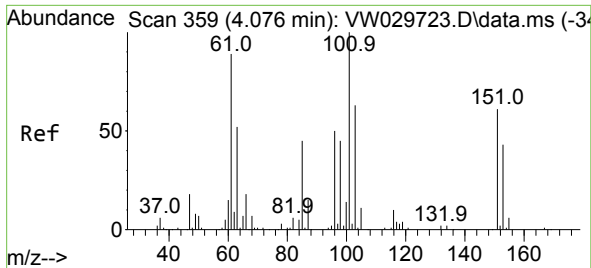
Tgt Ion: 64 Resp: 59274
Ion Ratio Lower Upper
64 100
66 32.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 29.731 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 101 Resp: 87514
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.4

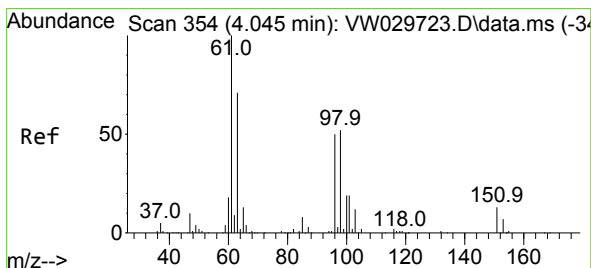
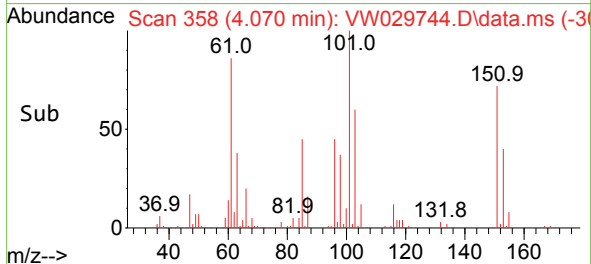
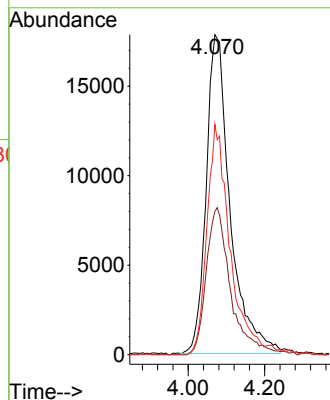
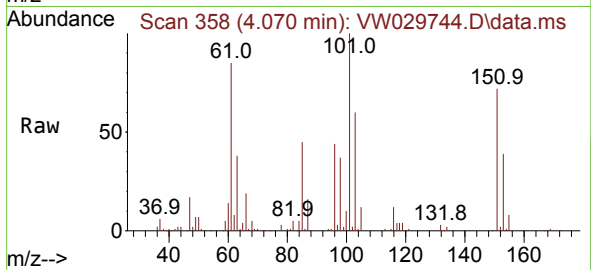




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.447 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW029744.D
 Acq: 26 Jul 2024 11:45

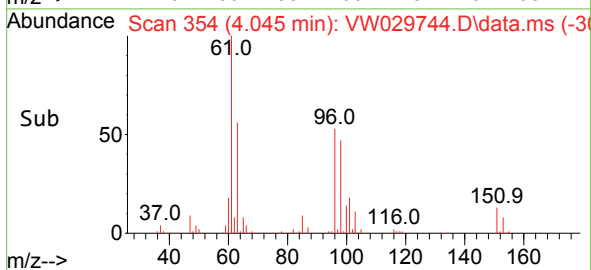
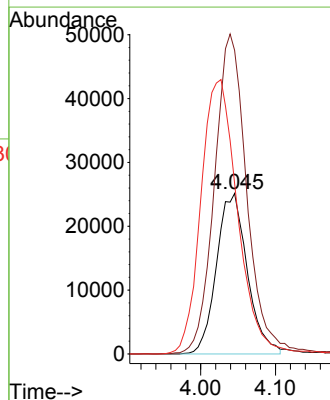
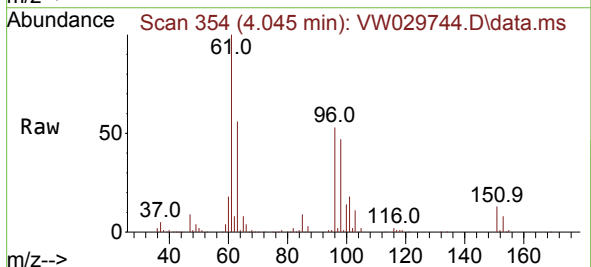
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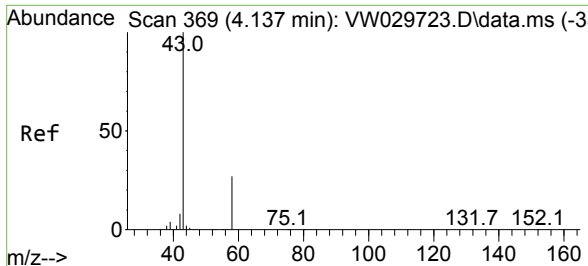
Tgt Ion:101 Resp: 77534
 Ion Ratio Lower Upper
 101 100
 85 45.5 34.2 51.4
 151 68.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.721 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW029744.D
 Acq: 26 Jul 2024 11:45

Tgt Ion: 96 Resp: 71979
 Ion Ratio Lower Upper
 96 100
 61 189.3 138.3 256.9
 63 106.3 89.0 165.4

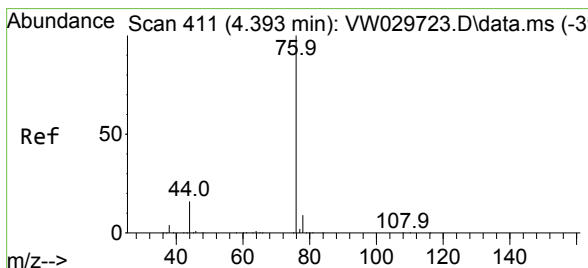
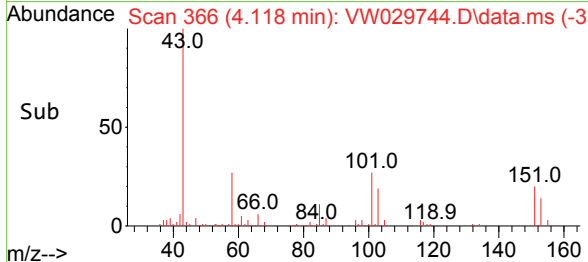
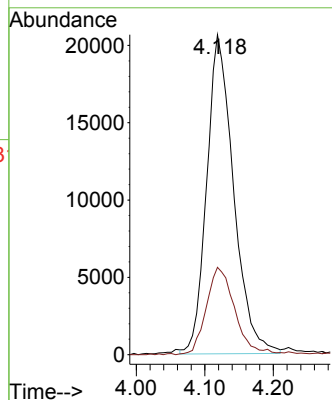
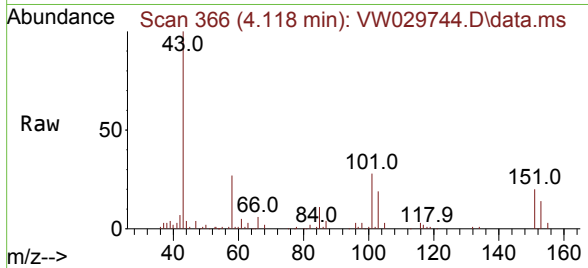




#13
Acetone
Concen: 59.017 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

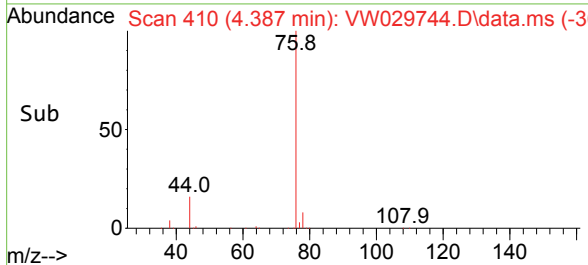
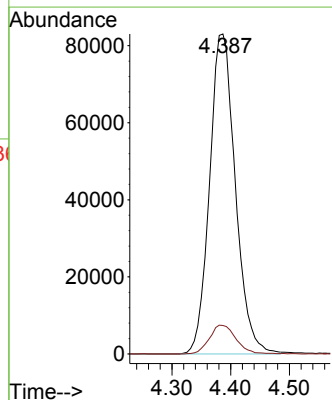
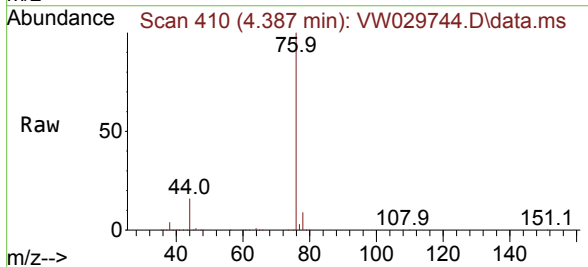
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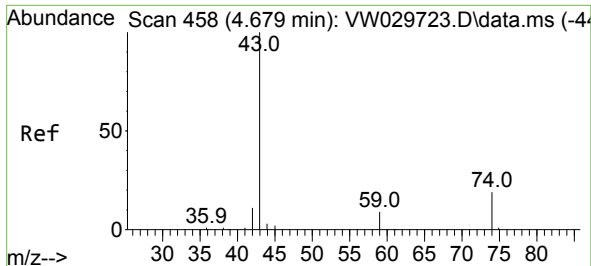
Tgt Ion: 43 Resp: 56271
Ion Ratio Lower Upper
43 100
58 28.5 0.0 57.6



#14
Carbon disulfide
Concen: 28.238 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 76 Resp: 253131
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

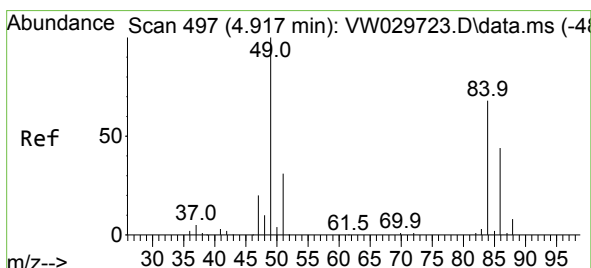
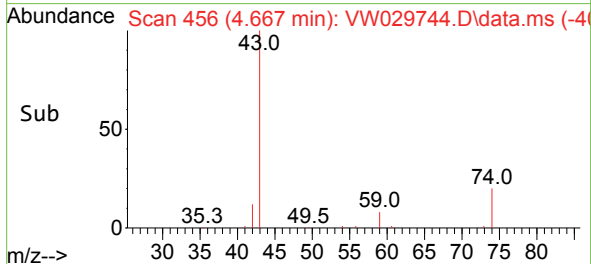
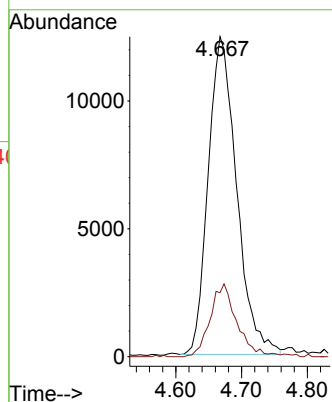
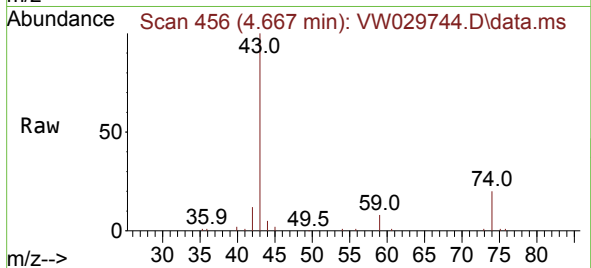




#15
Methyl Acetate
Concen: 23.573 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

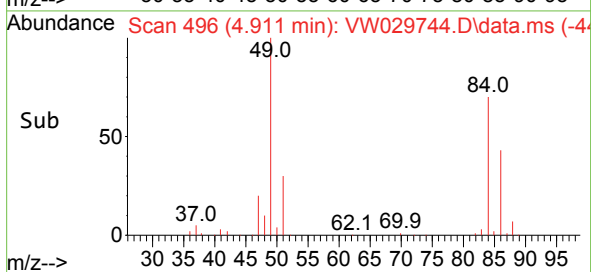
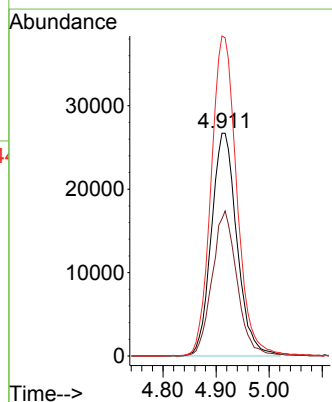
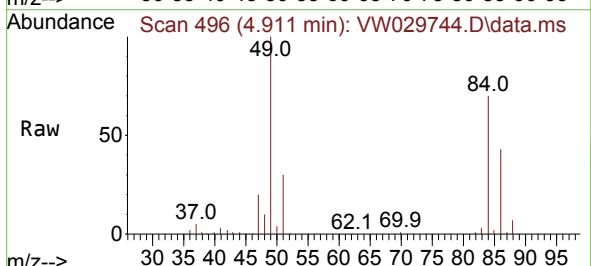
Instrument :
MSVOA_W
ClientSampleId :

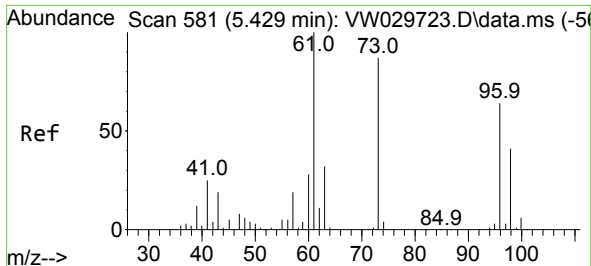
Tgt Ion: 43 Resp: 37437
Ion Ratio Lower Upper
43 100
74 21.1 16.5 24.7



#16
Methylene chloride
Concen: 21.716 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 84 Resp: 89513
Ion Ratio Lower Upper
84 100
86 61.6 44.7 82.9
49 143.7 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 26.718 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

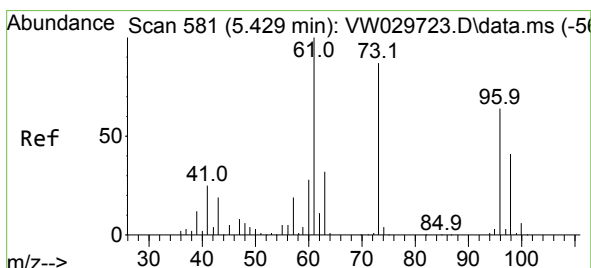
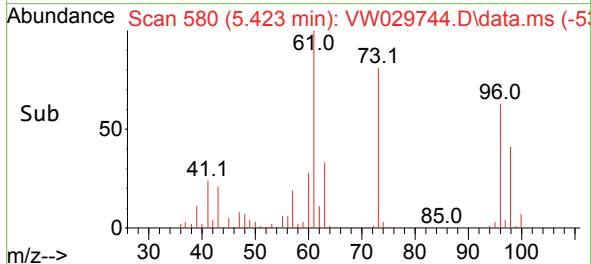
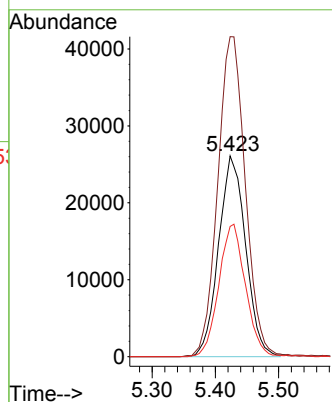
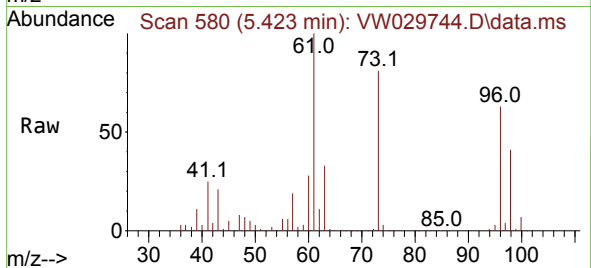
Tgt Ion: 96 Resp: 77556

Ion Ratio Lower Upper

96 100

61 159.3 111.2 206.6

98 64.8 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 25.055 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

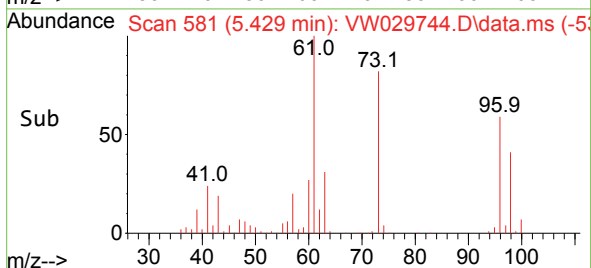
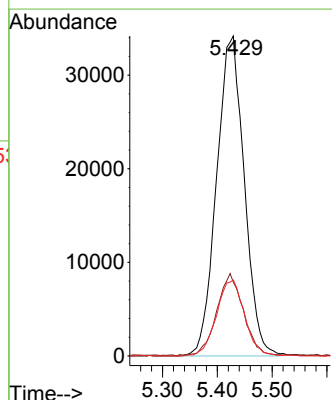
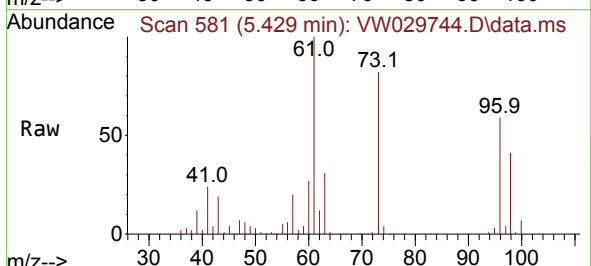
Tgt Ion: 73 Resp: 119866

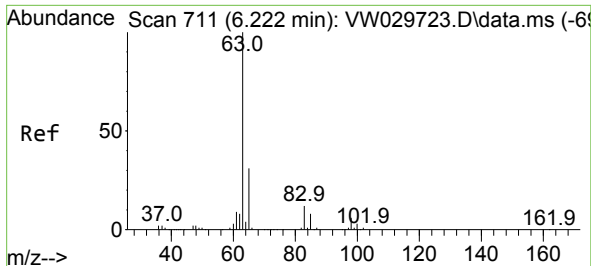
Ion Ratio Lower Upper

73 100

43 24.6 18.3 27.5

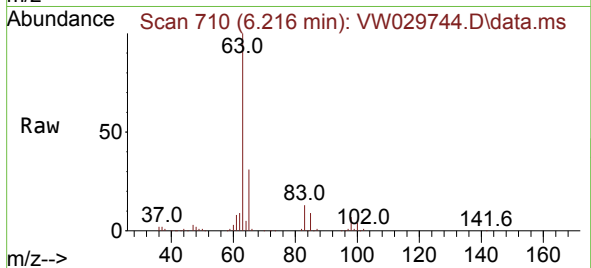
57 23.9 17.9 26.9



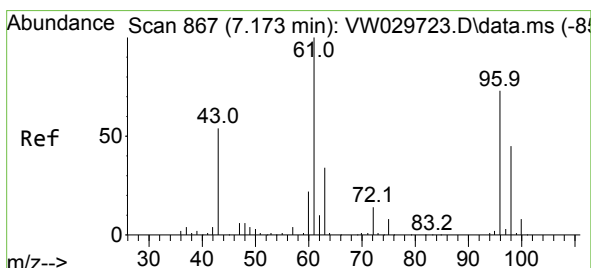
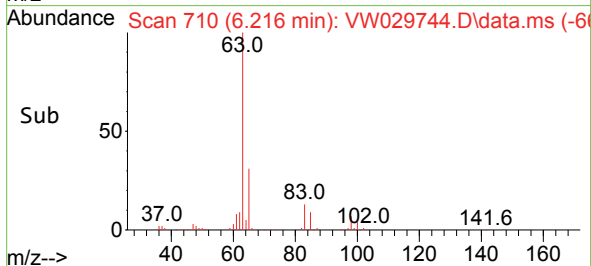
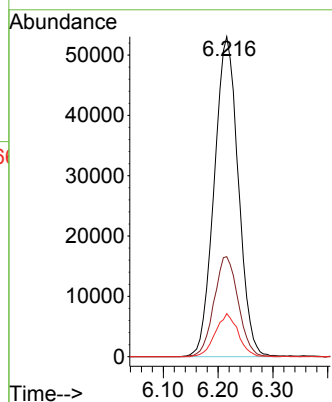


#19
1,1-Dichloroethane
Concen: 26.428 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Instrument :
MSVOA_W
ClientSampleId :

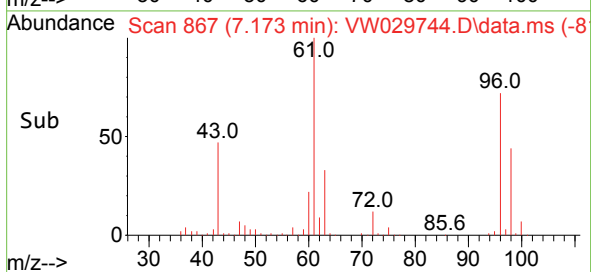
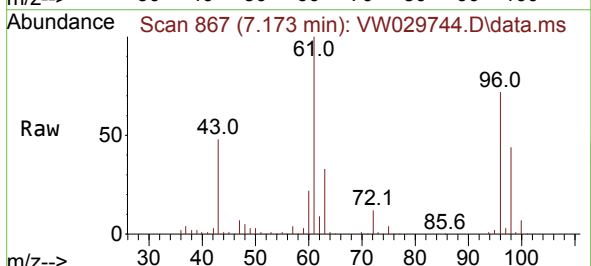
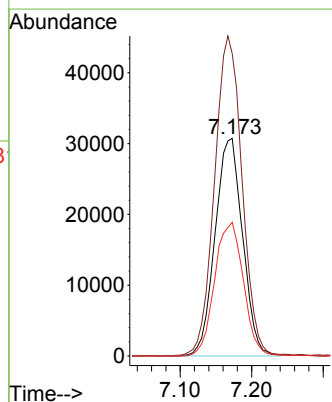


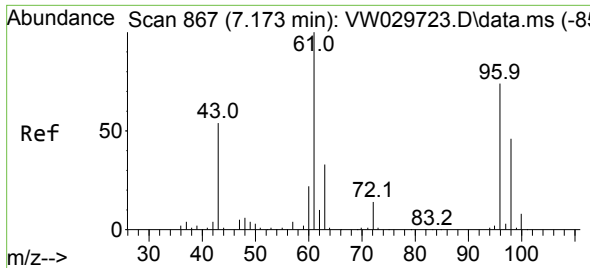
Tgt Ion: 63 Resp: 161794
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.3
83 13.4 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 26.101 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 96 Resp: 82183
Ion Ratio Lower Upper
96 100
61 139.0 98.2 182.4
98 61.4 41.9 77.9

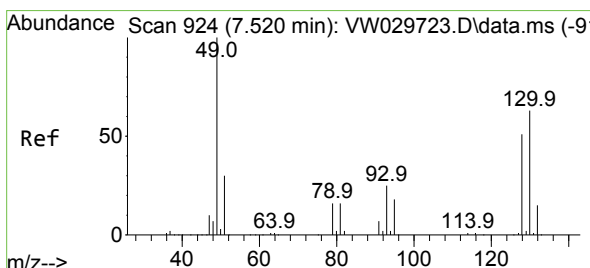
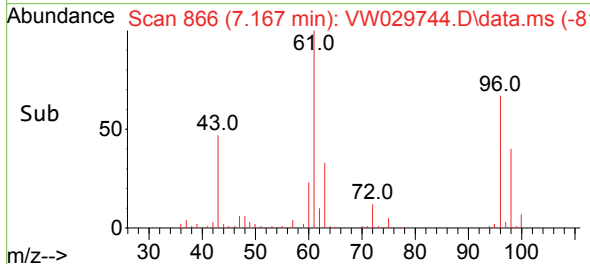
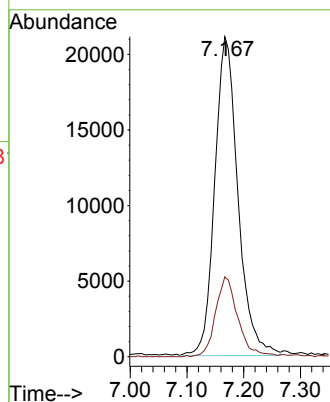
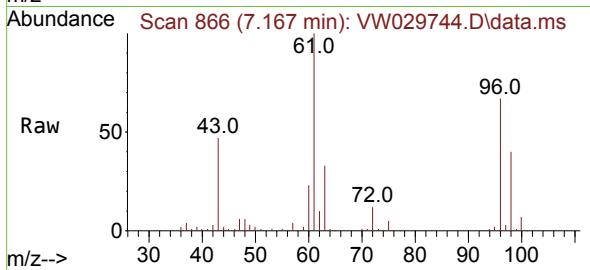




#22
2-Butanone
Concen: 49.120 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

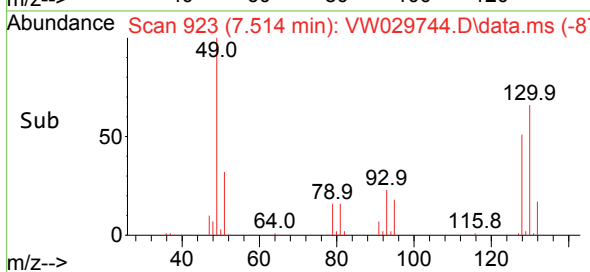
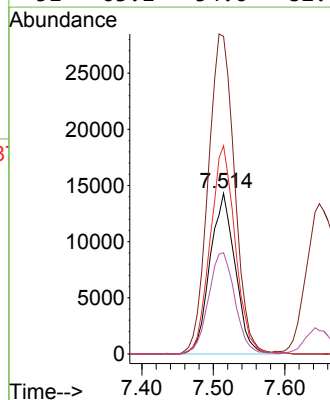
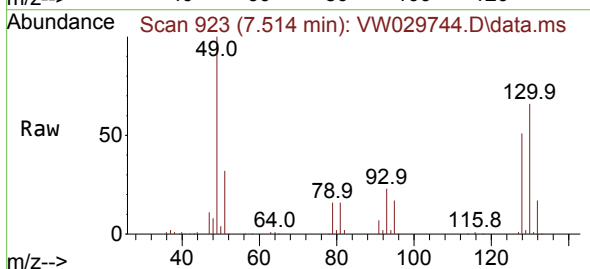
Instrument :
MSVOA_W
ClientSampleId :

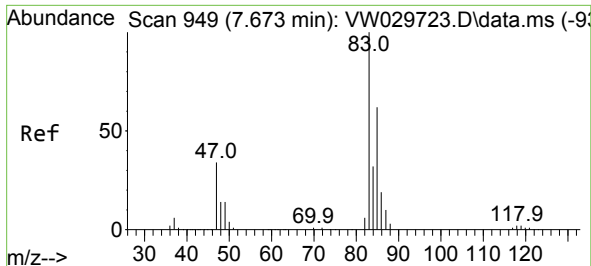
Tgt Ion: 43 Resp: 60010
Ion Ratio Lower Upper
43 100
72 24.0 11.7 35.1



#23
Bromochloromethane
Concen: 26.133 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 128 Resp: 34933
Ion Ratio Lower Upper
128 100
49 197.7 151.1 280.7
130 129.6 96.8 179.8
51 63.1 54.6 82.0

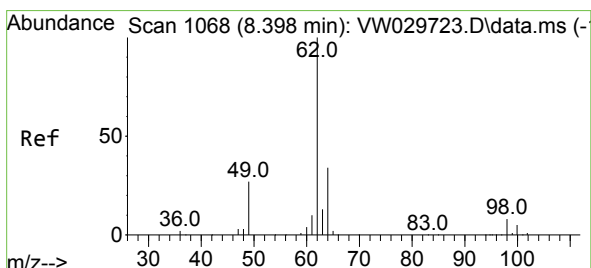
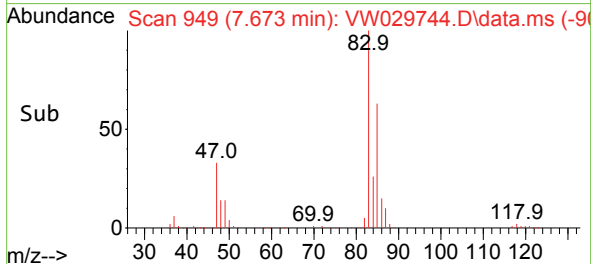
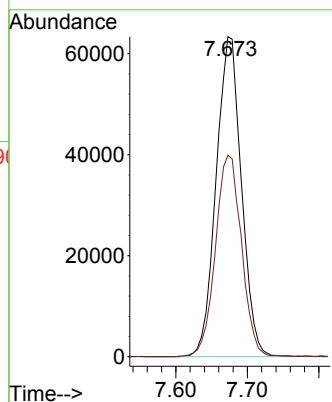
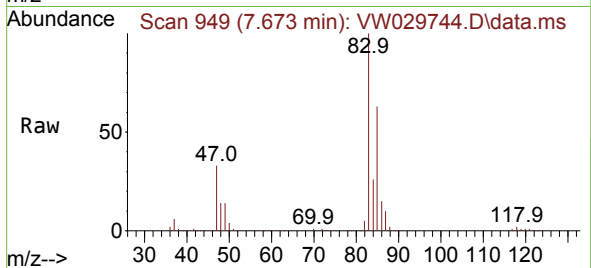




#25
Chloroform
Concen: 26.956 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

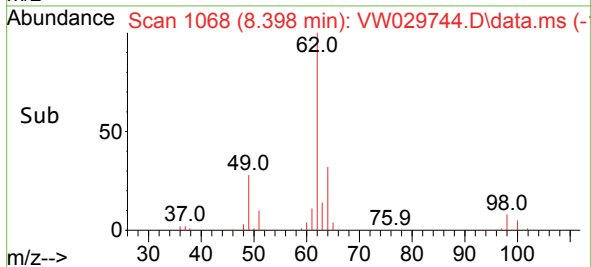
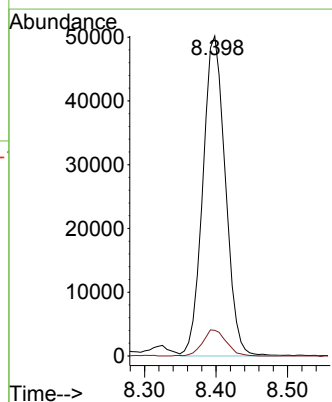
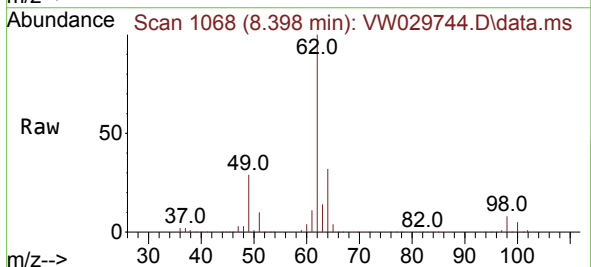
Instrument :
MSVOA_W
ClientSampleId :

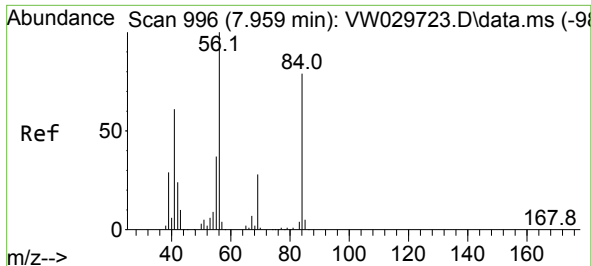
Tgt Ion: 83 Resp: 155483
Ion Ratio Lower Upper
83 100
85 62.9 44.4 82.4



#27
1,2-Dichloroethane
Concen: 26.116 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

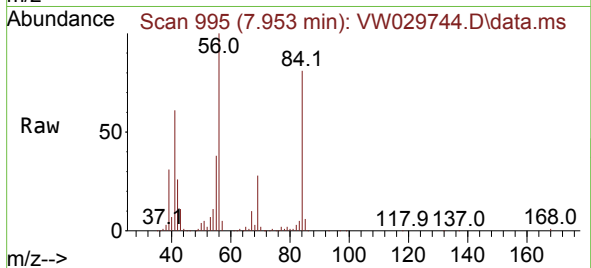
Tgt Ion: 62 Resp: 109781
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0



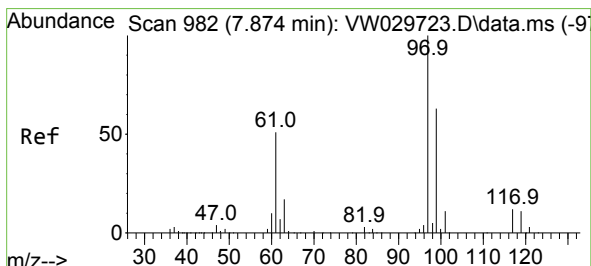
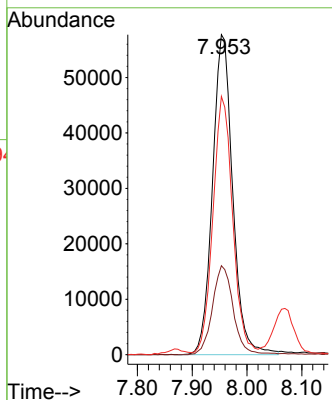
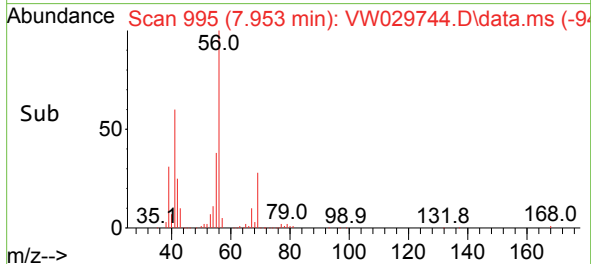


#29
Cyclohexane
Concen: 27.936 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Instrument :
MSVOA_W
ClientSampleId :

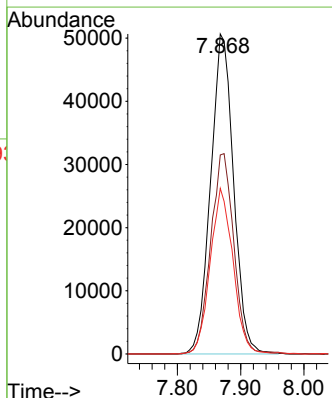
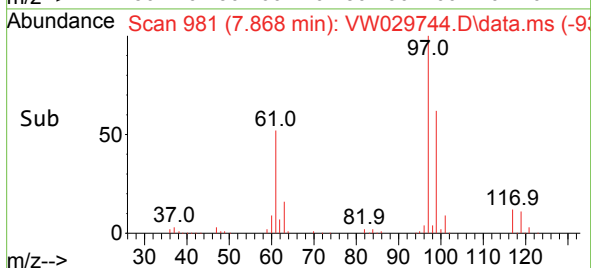
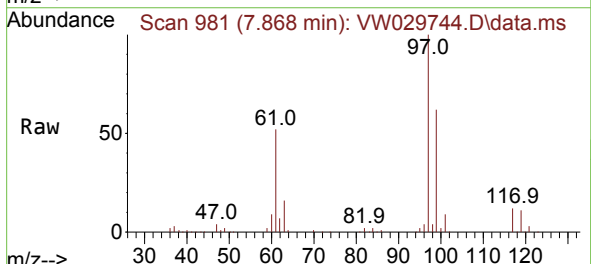


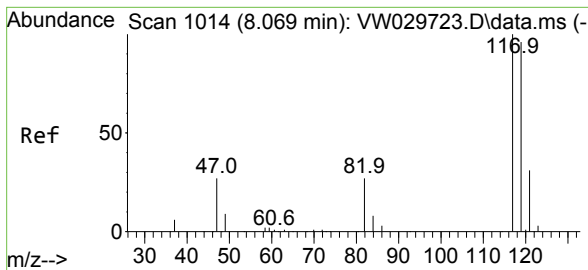
Tgt Ion: 56 Resp: 147744
Ion Ratio Lower Upper
56 100
69 28.3 23.0 34.4
84 78.9 63.5 95.3



#30
1,1,1-Trichloroethane
Concen: 27.055 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 97 Resp: 127503
Ion Ratio Lower Upper
97 100
99 63.5 52.1 78.1
61 51.4 42.6 63.8

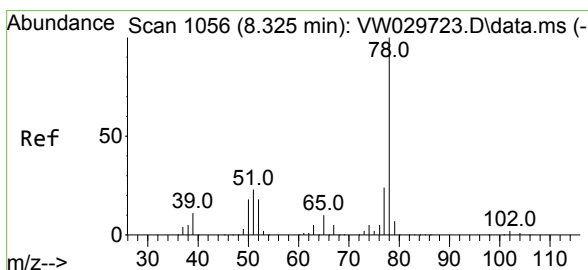
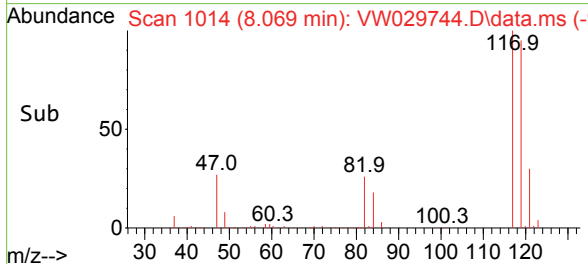
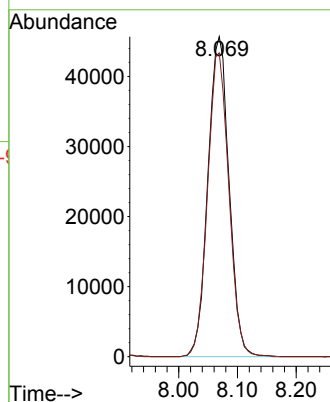
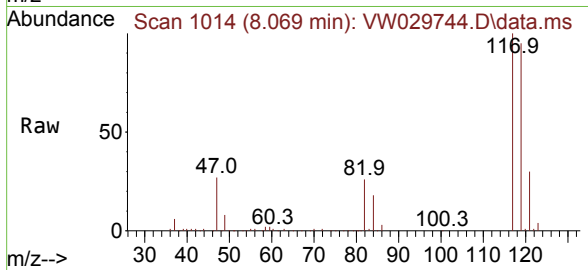




#31
Carbon tetrachloride
Concen: 26.889 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

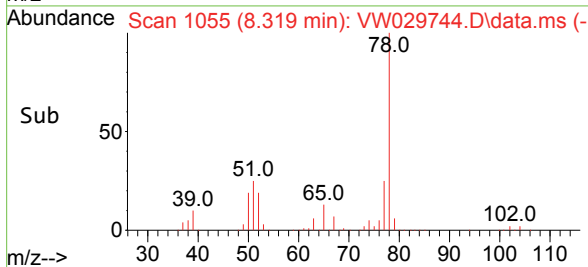
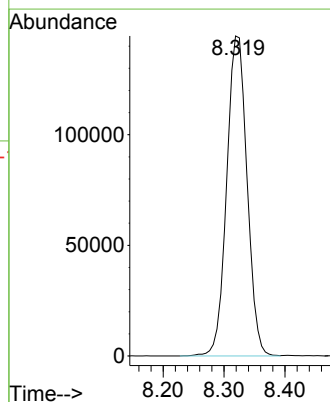
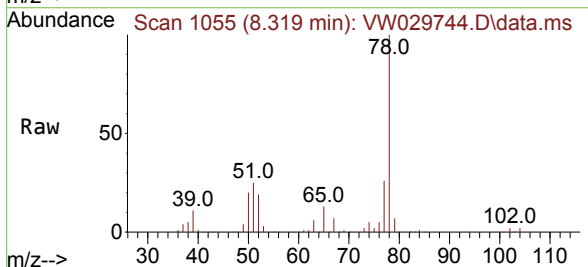
Instrument :
MSVOA_W
ClientSampleId :

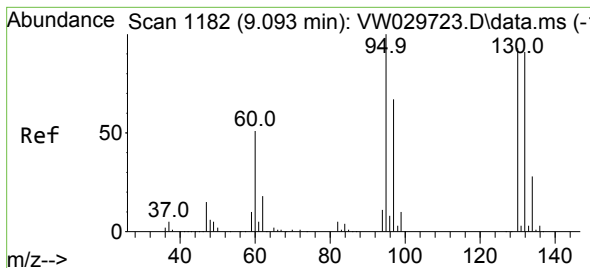
Tgt Ion:117 Resp: 114185
Ion Ratio Lower Upper
117 100
119 95.2 74.8 112.2



#33
Benzene
Concen: 26.328 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 78 Resp: 335717





#34

Trichloroethene

Concen: 26.321 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 87983

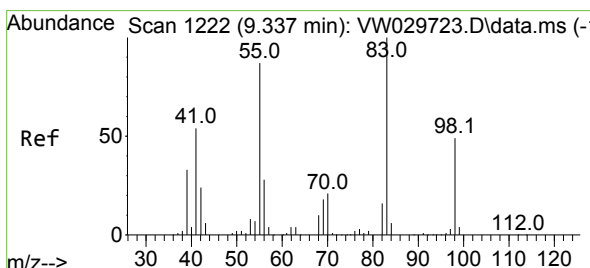
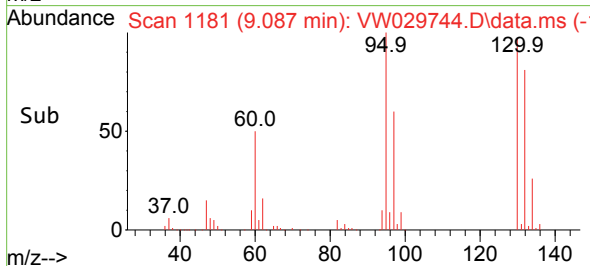
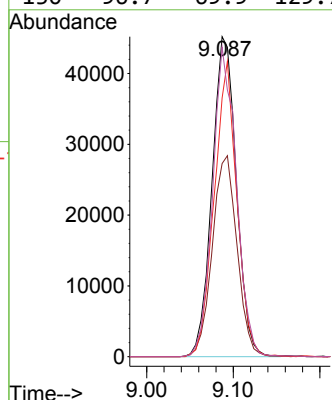
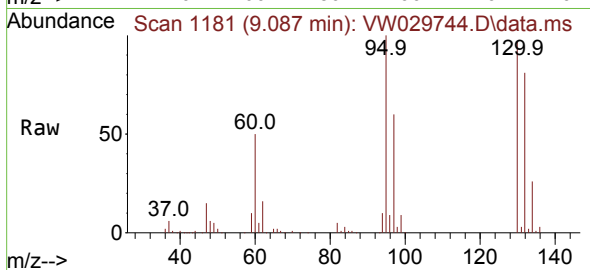
Ion Ratio Lower Upper

95 100

97 60.4 45.6 84.8

132 80.9 65.2 121.0

130 96.7 69.9 129.7



#35

Methylcyclohexane

Concen: 28.157 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

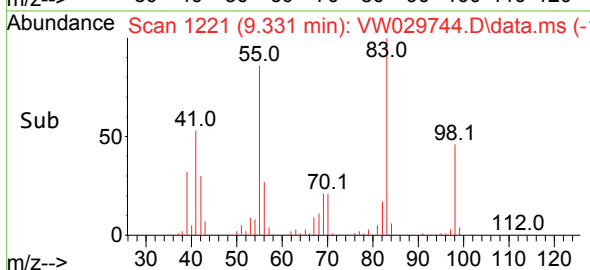
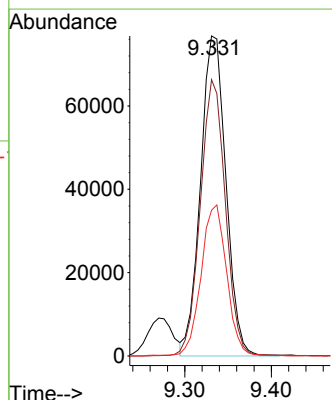
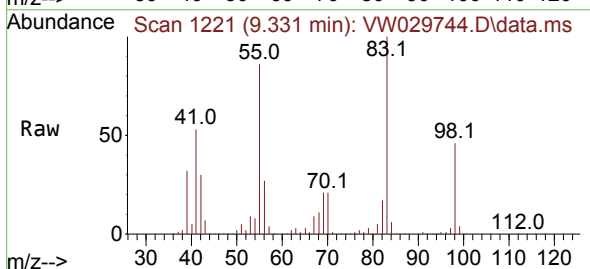
Tgt Ion: 83 Resp: 156835

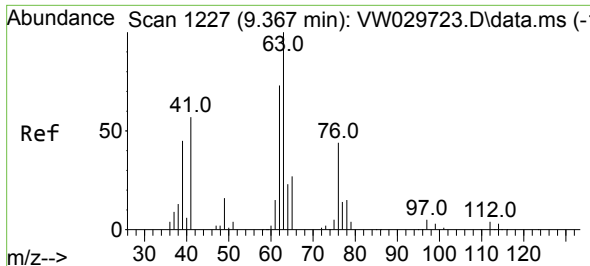
Ion Ratio Lower Upper

83 100

55 85.1 67.4 101.2

98 47.5 36.7 55.1

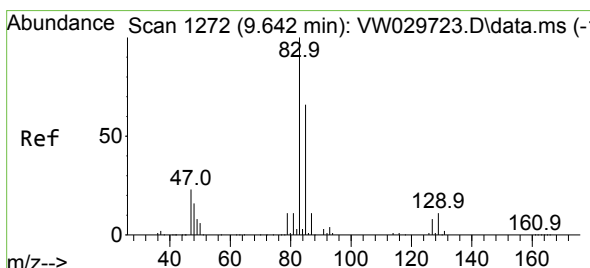
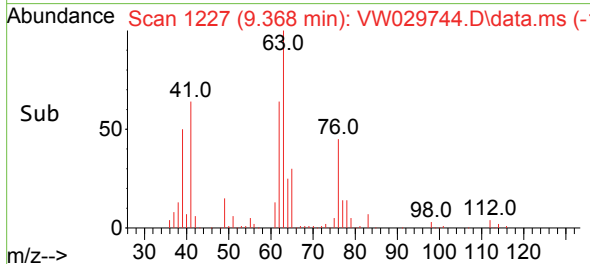
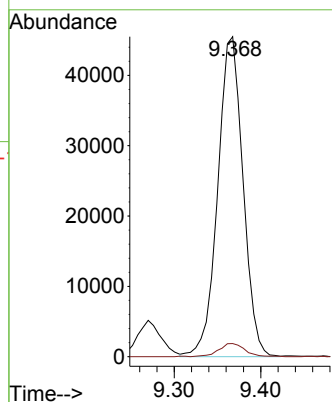
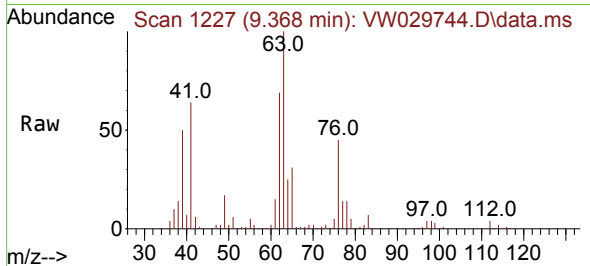




#37
1,2-Dichloropropane
Concen: 26.412 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

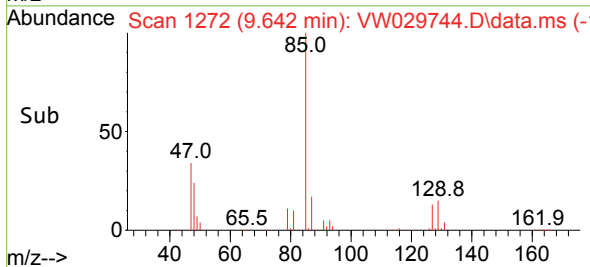
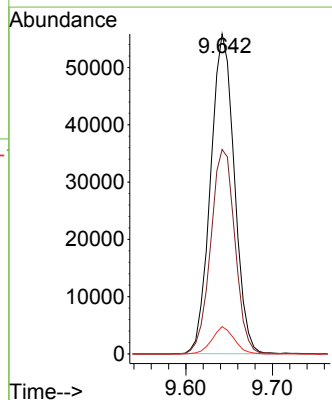
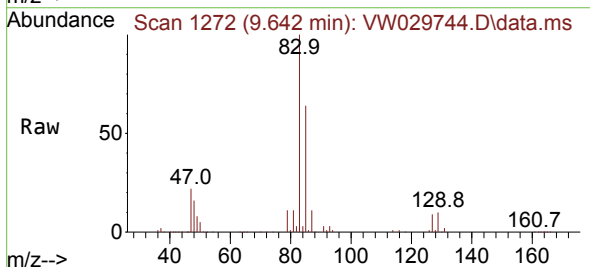
Instrument :
MSVOA_W
ClientSampleId :

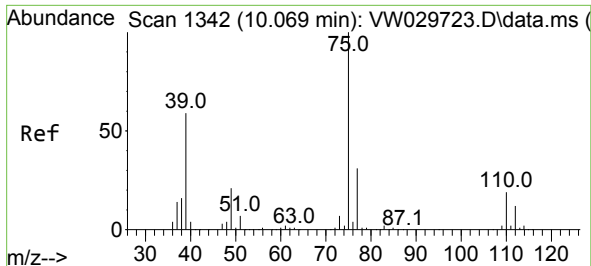
Tgt Ion: 63 Resp: 92293
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 25.572 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 83 Resp: 106410
Ion Ratio Lower Upper
83 100
85 63.9 46.6 86.6
127 8.6 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.679 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

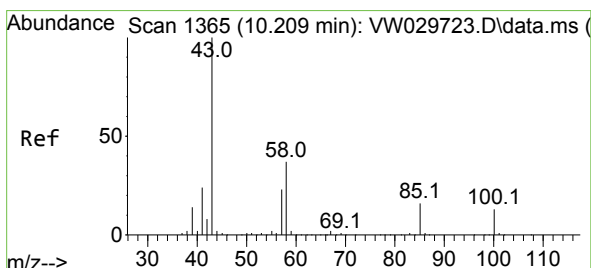
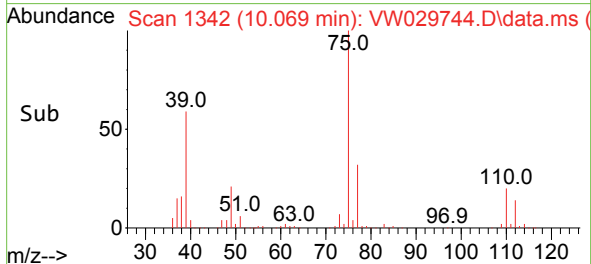
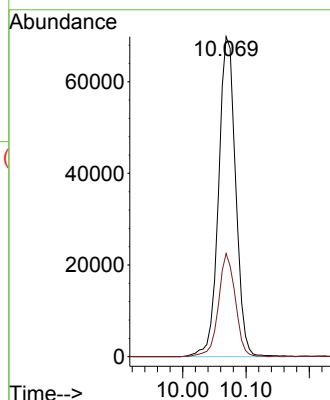
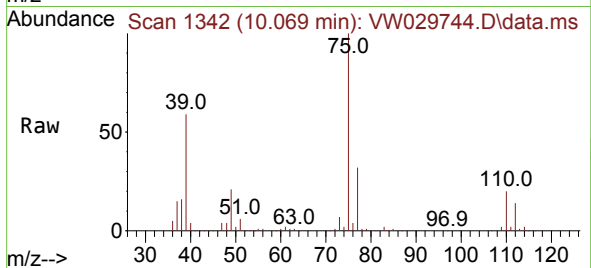
ClientSampleId :

Tgt Ion: 75 Resp: 130681

Ion Ratio Lower Upper

75 100

77 32.2 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 46.466 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

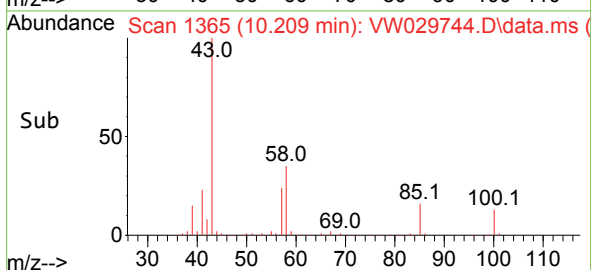
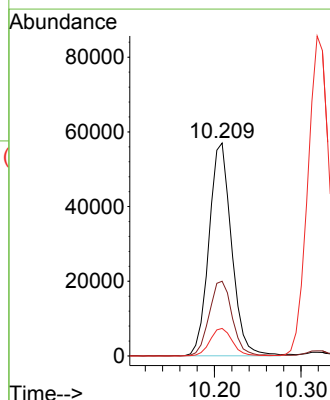
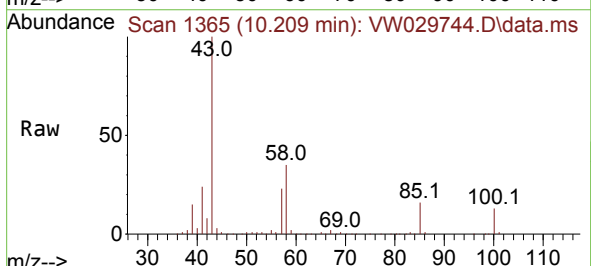
Tgt Ion: 43 Resp: 103134

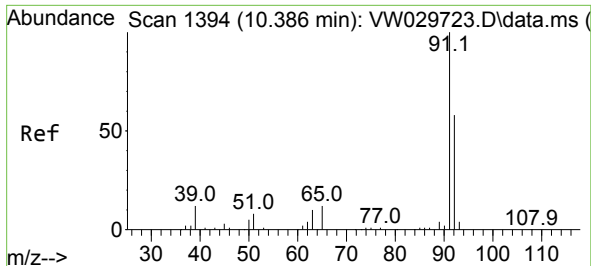
Ion Ratio Lower Upper

43 100

58 36.0 28.7 43.1

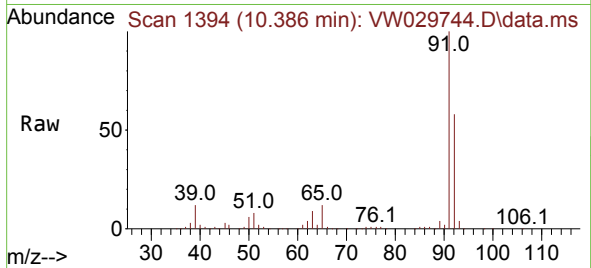
100 12.9 10.0 15.0



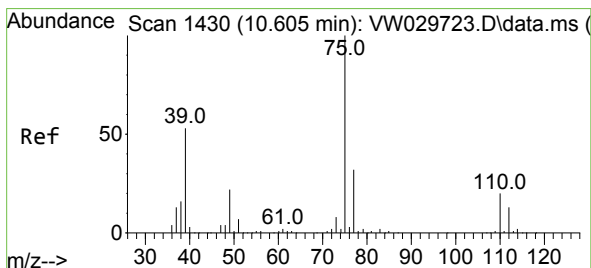
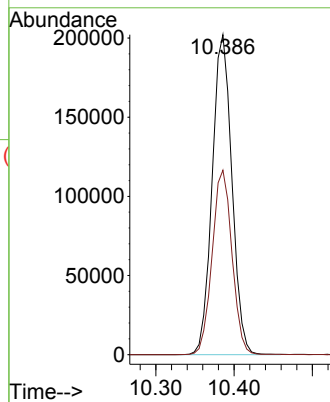
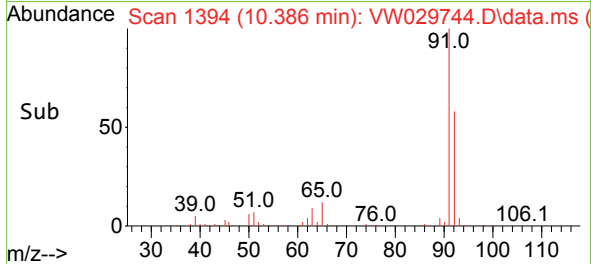


#42
Toluene
Concen: 27.127 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Instrument :
MSVOA_W
ClientSampleId :

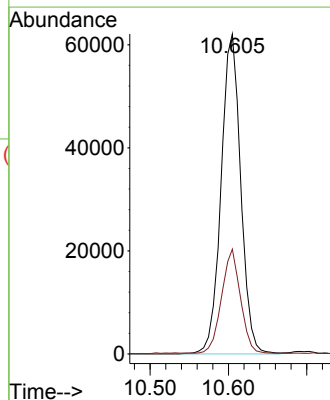
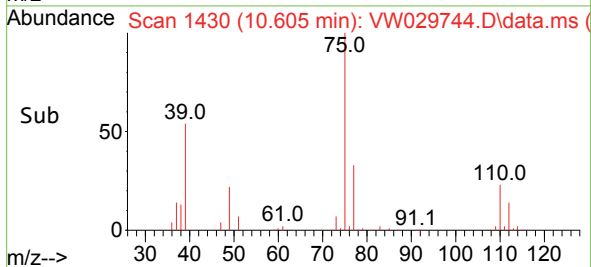
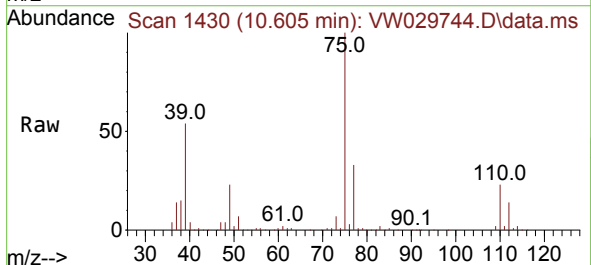


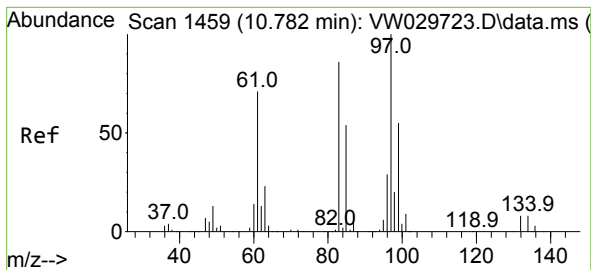
Tgt Ion: 91 Resp: 353071
Ion Ratio Lower Upper
91 100
92 57.6 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 25.627 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 75 Resp: 108266
Ion Ratio Lower Upper
75 100
77 32.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 24.914 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 58486

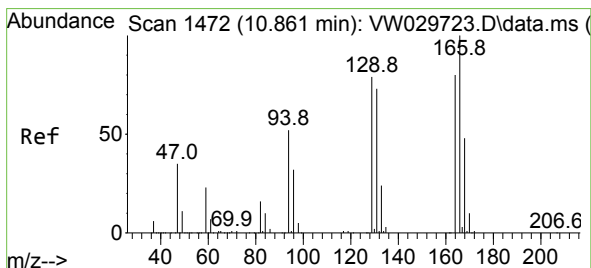
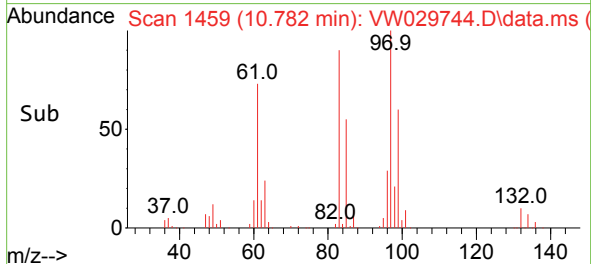
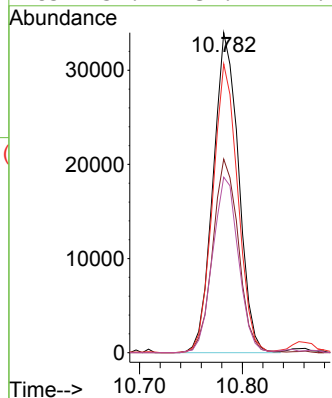
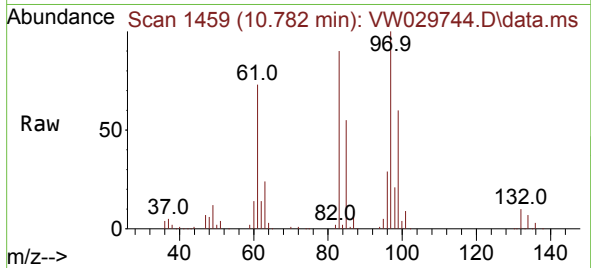
Ion Ratio Lower Upper

97 100

99 60.5 40.1 74.5

83 90.2 58.5 108.7

85 54.9 39.1 72.7



#46

Tetrachloroethene

Concen: 26.417 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Tgt Ion:164 Resp: 64183

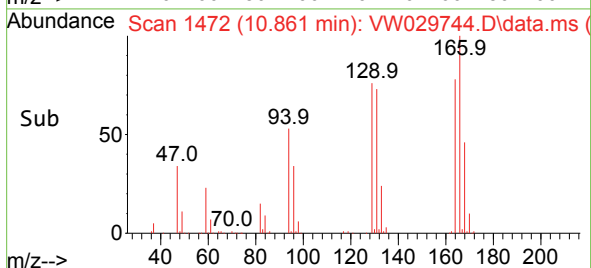
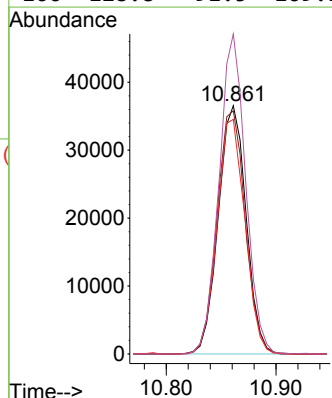
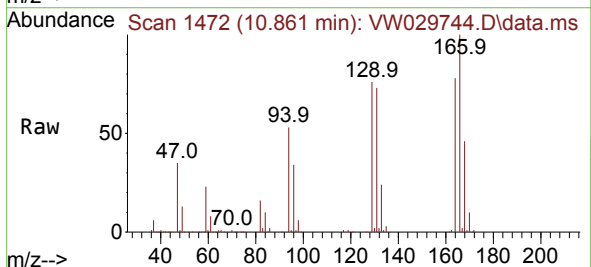
Ion Ratio Lower Upper

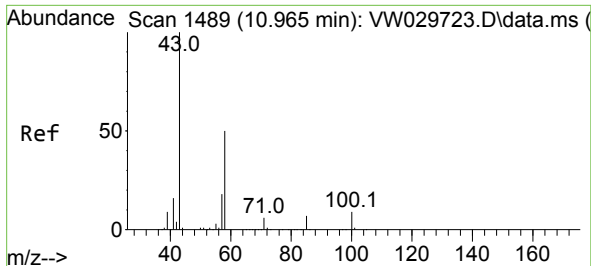
164 100

129 97.9 77.8 144.6

131 94.4 70.9 131.7

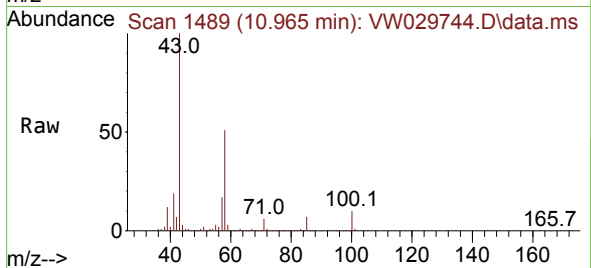
166 128.8 91.5 169.9



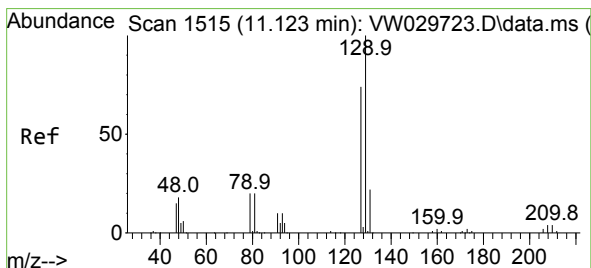
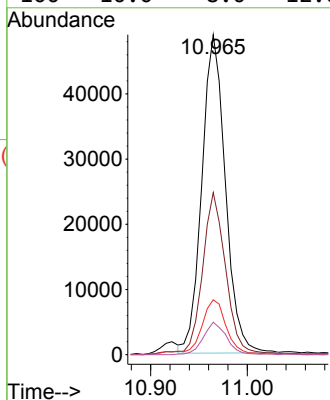
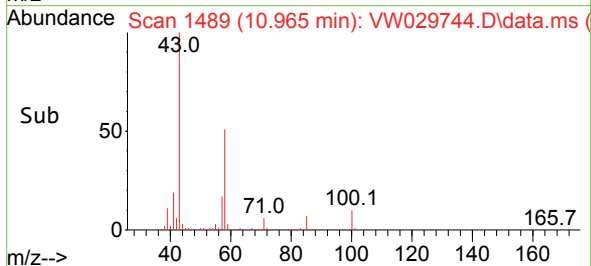


#48
2-Hexanone
Concen: 49.735 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

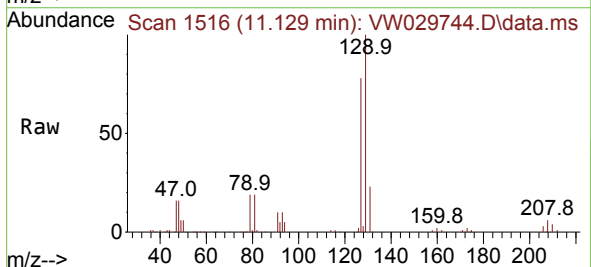
Instrument :
MSVOA_W
ClientSampleId :



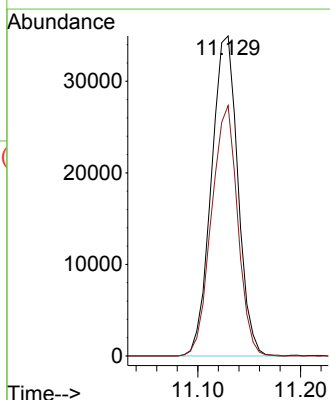
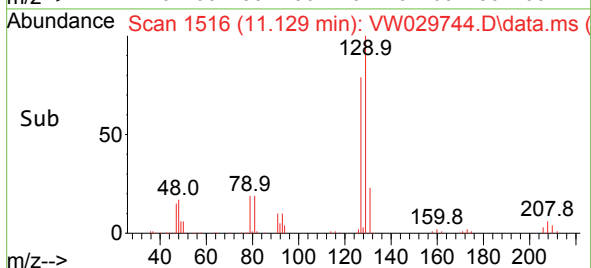
Tgt Ion: 43	Resp: 82677
Ion Ratio	Lower Upper
43 100	
58 49.2	41.0 61.4
57 17.5	14.1 21.1
100 10.0	8.0 12.0

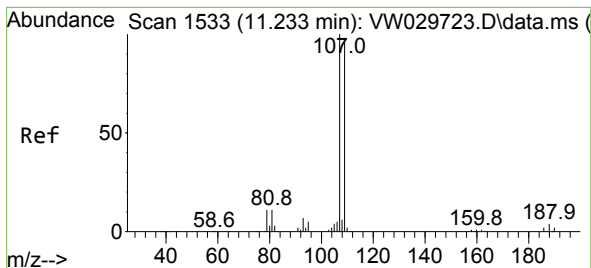


#49
Dibromochloromethane
Concen: 25.661 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45



Tgt Ion:129	Resp: 62536		
Ion Ratio	Lower	Upper	
129 100			
127 78.2	52.4	97.2	





#50

1,2-Dibromoethane

Concen: 24.835 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

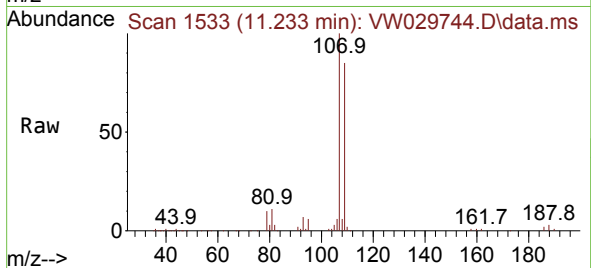
Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :



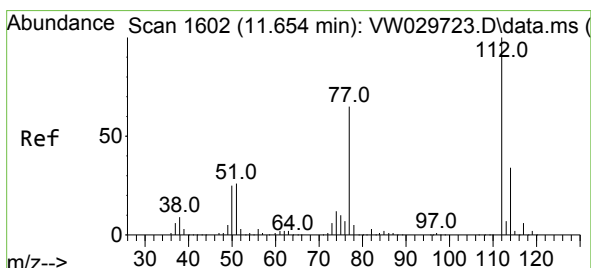
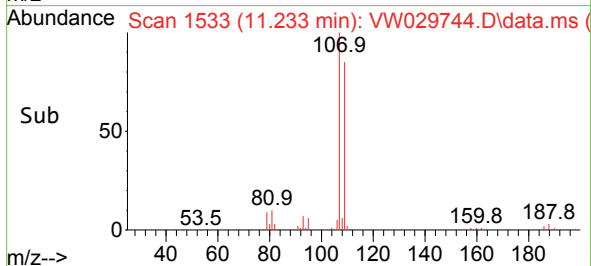
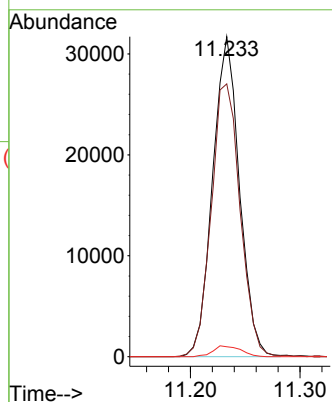
Tgt Ion:107 Resp: 53943

Ion Ratio Lower Upper

107 100

109 85.3 64.8 120.3

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 26.087 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

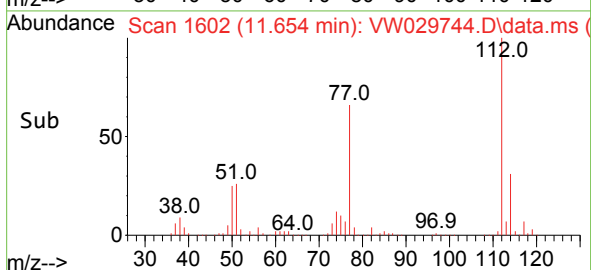
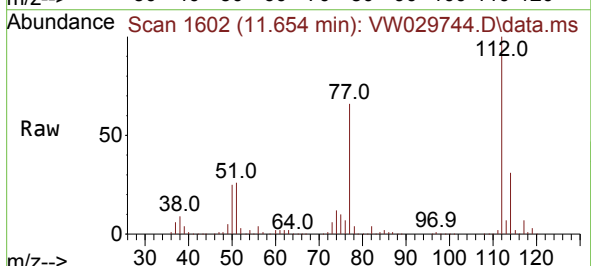
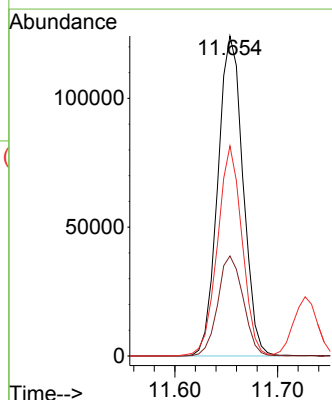
Tgt Ion:112 Resp: 211204

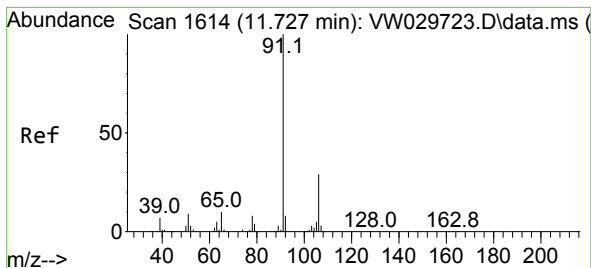
Ion Ratio Lower Upper

112 100

114 31.3 22.0 40.8

77 65.6 53.8 80.8

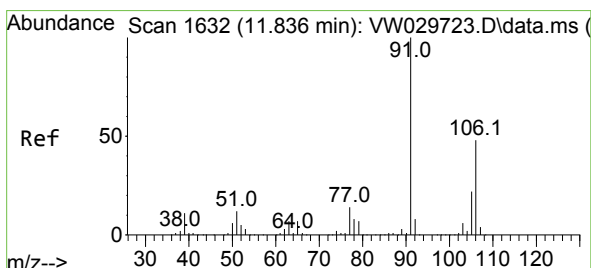
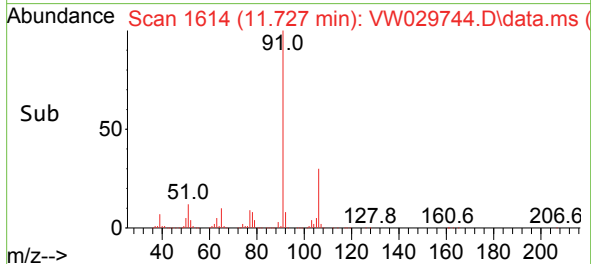
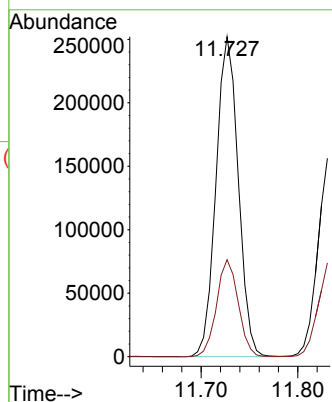
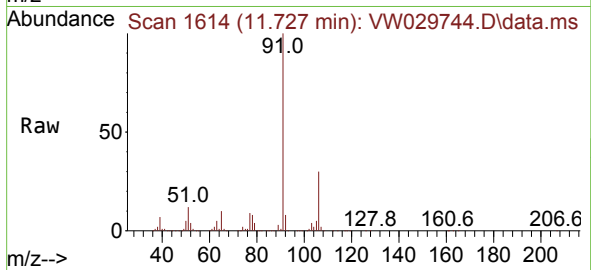




#52
Ethylbenzene
Concen: 27.399 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

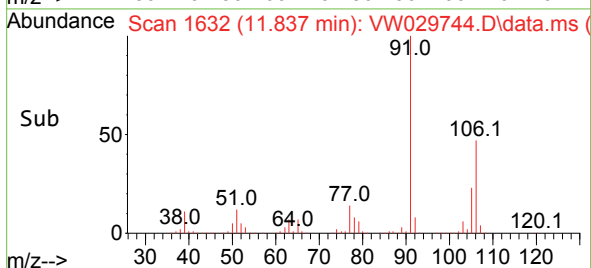
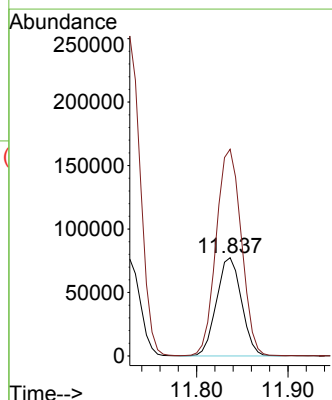
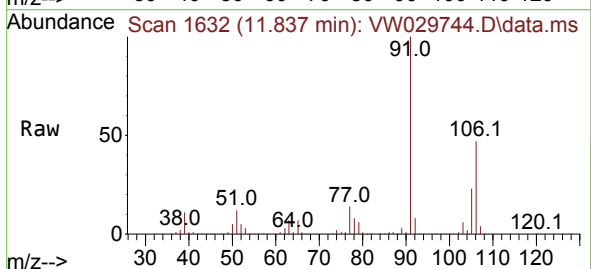
Instrument :
MSVOA_W
ClientSampleId :

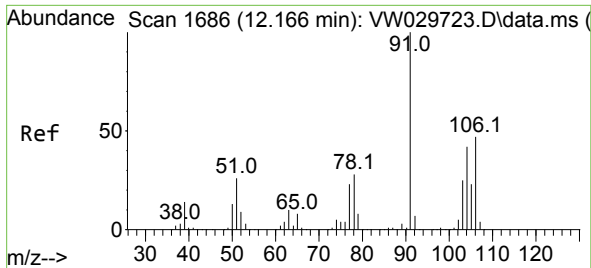
Tgt Ion: 91 Resp: 402264
Ion Ratio Lower Upper
91 100
106 30.3 20.4 38.0



#53
m,p-Xylene
Concen: 27.227 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion: 106 Resp: 147015
Ion Ratio Lower Upper
106 100
91 210.6 151.4 281.2

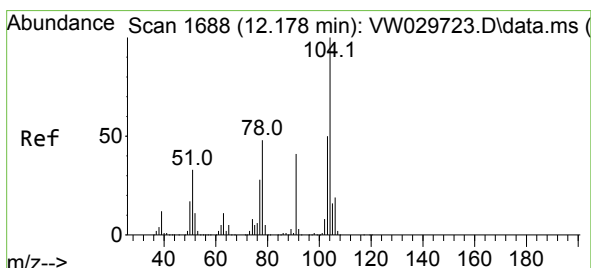
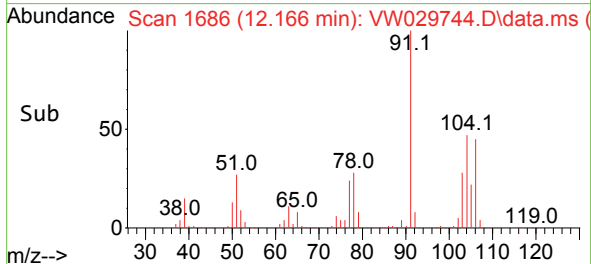
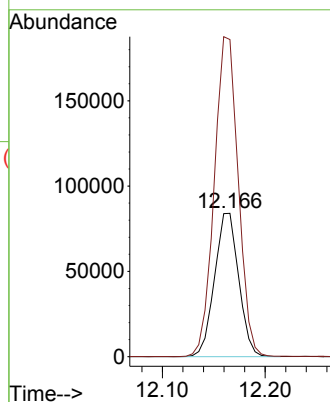
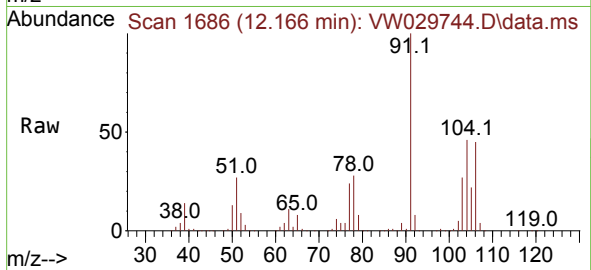




#54
o-Xylene
Concen: 27.576 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

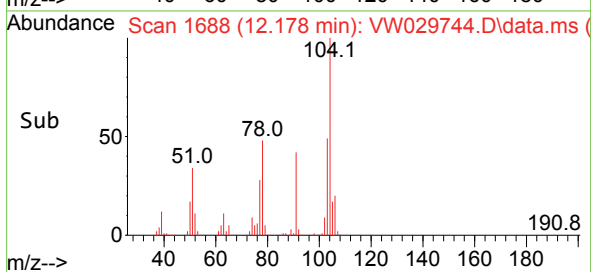
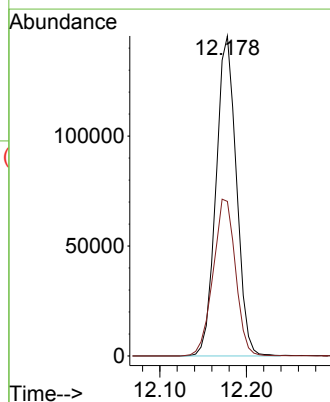
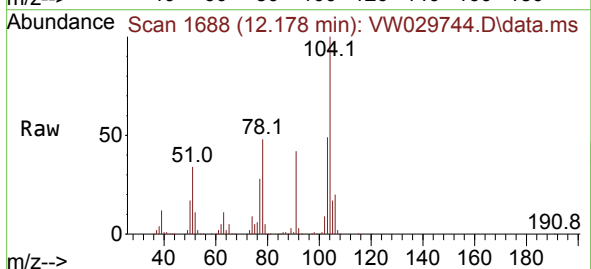
Instrument :
MSVOA_W
ClientSampleId :

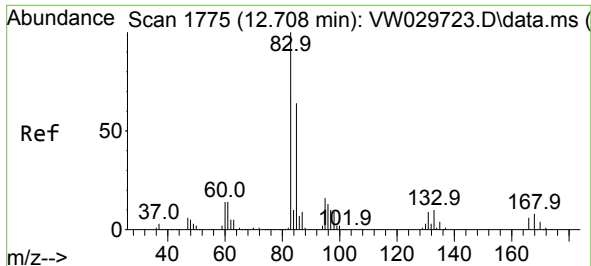
Tgt Ion:106 Resp: 137119
Ion Ratio Lower Upper
106 100
91 221.1 155.8 289.4



#55
Styrene
Concen: 27.572 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029744.D
Acq: 26 Jul 2024 11:45

Tgt Ion:104 Resp: 237645
Ion Ratio Lower Upper
104 100
78 48.3 33.3 61.9





#57

1,1,2-Tetrachloroethane

Concen: 23.690 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029744.D

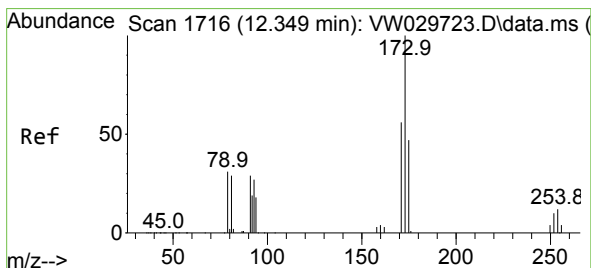
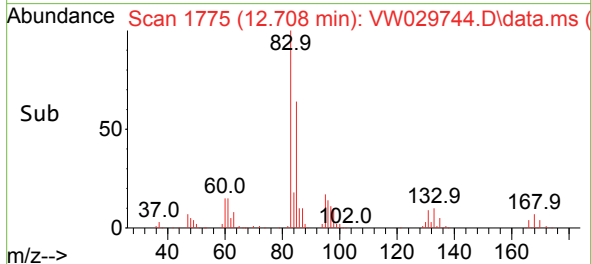
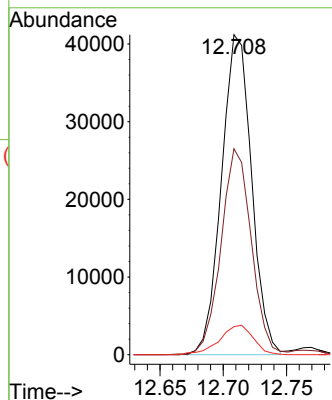
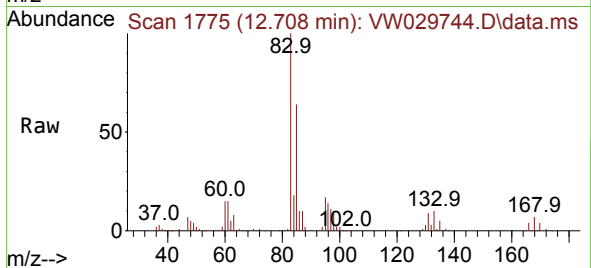
Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	68258
Ion Ratio	Lower	Upper	
83	100		
85	64.4	44.2	82.0
131	8.8	6.2	9.2



#59

Bromoform

Concen: 24.495 ug/L

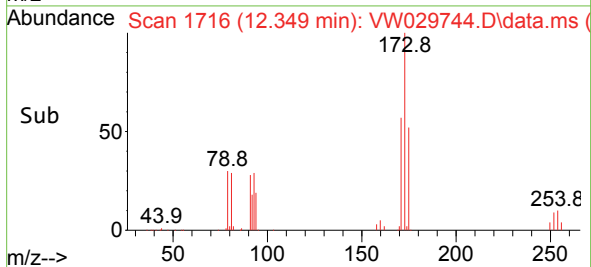
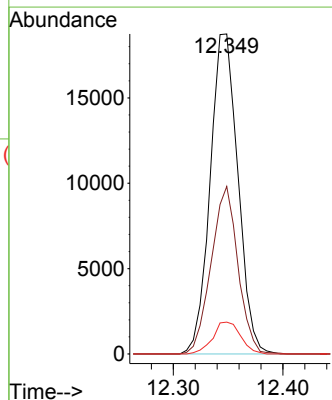
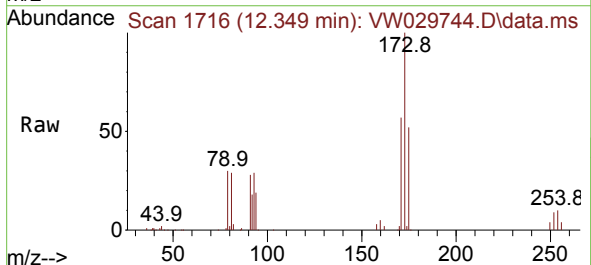
RT: 12.349 min Scan# 1716

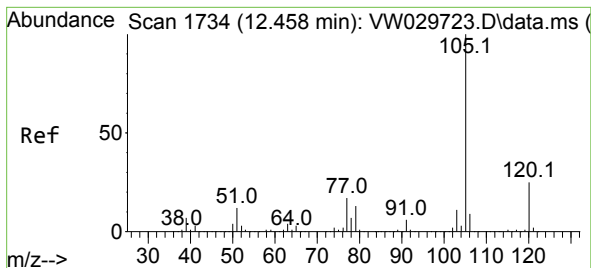
Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Tgt Ion:	173	Resp:	33066
Ion Ratio	Lower	Upper	
173	100		
175	50.3	38.1	57.1
254	10.1	7.8	11.6





#60

Isopropylbenzene

Concen: 27.876 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

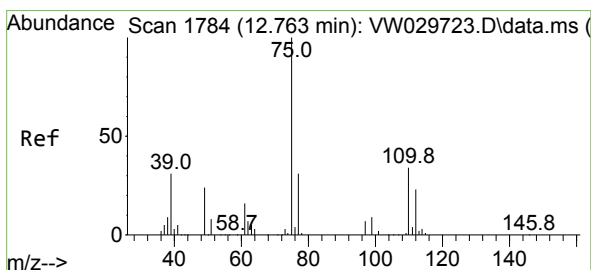
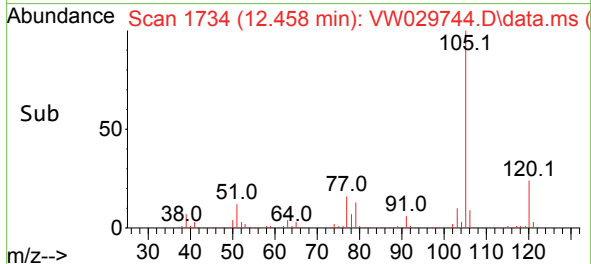
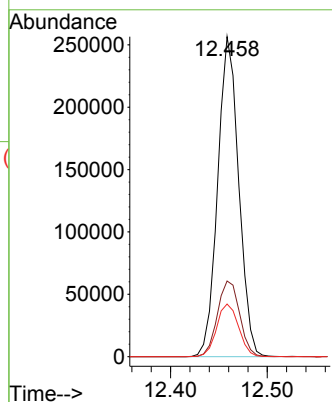
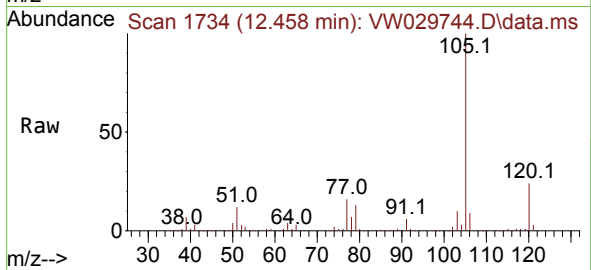
Tgt Ion:105 Resp: 386973

Ion Ratio Lower Upper

105 100

120 25.0 20.3 30.5

77 17.2 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 23.586 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

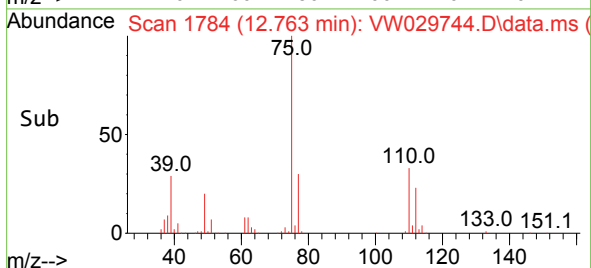
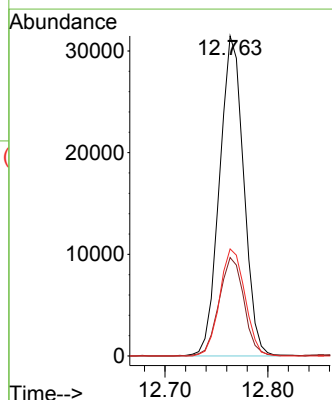
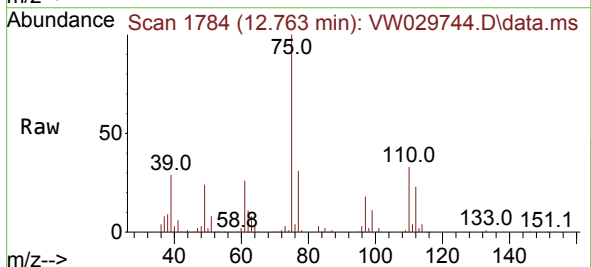
Tgt Ion: 75 Resp: 51463

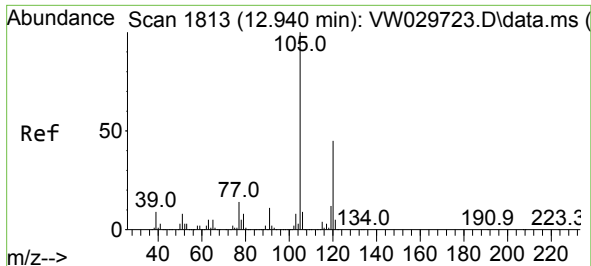
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

110 34.9 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 29.862 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

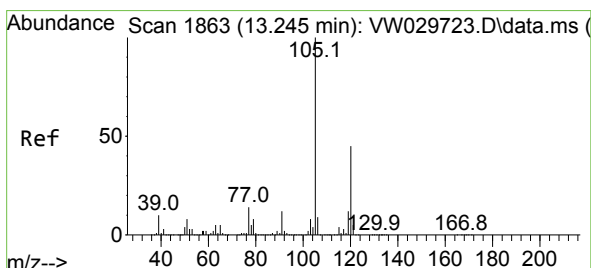
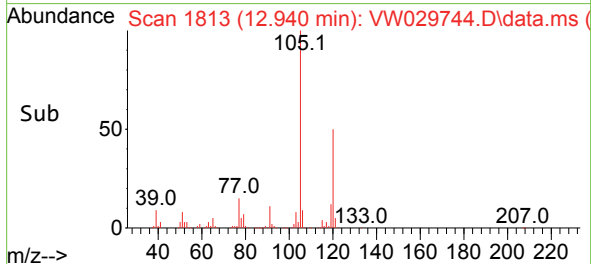
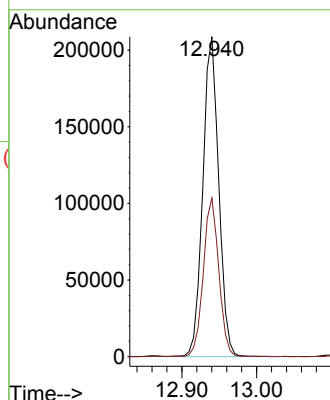
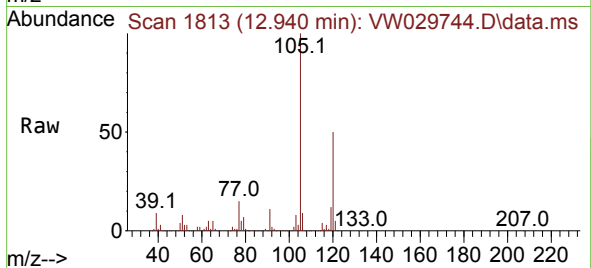
ClientSampleId :

Tgt Ion:105 Resp: 308130

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 28.169 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029744.D

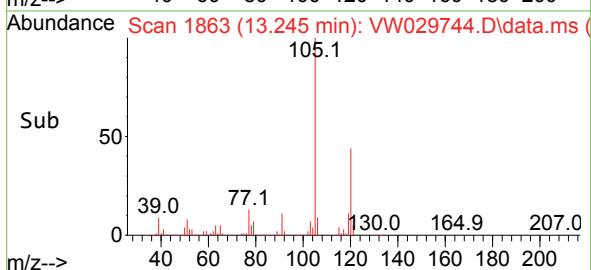
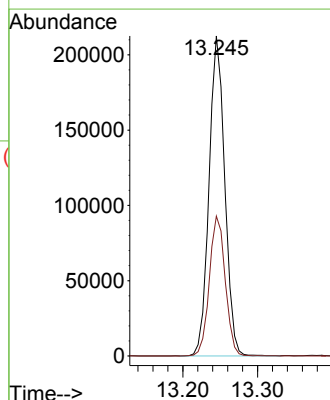
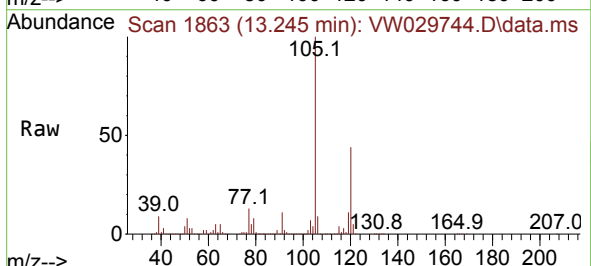
Acq: 26 Jul 2024 11:45

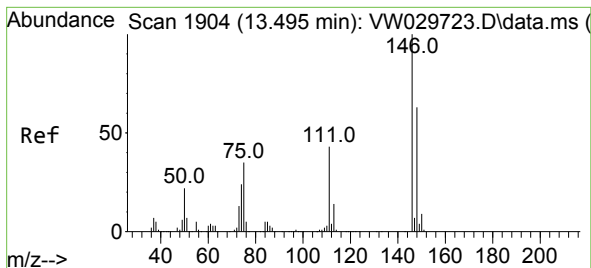
Tgt Ion:105 Resp: 310856

Ion Ratio Lower Upper

105 100

120 44.2 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 26.338 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

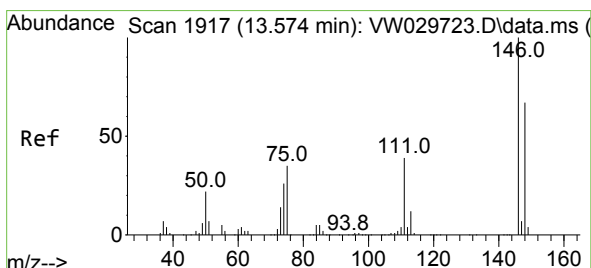
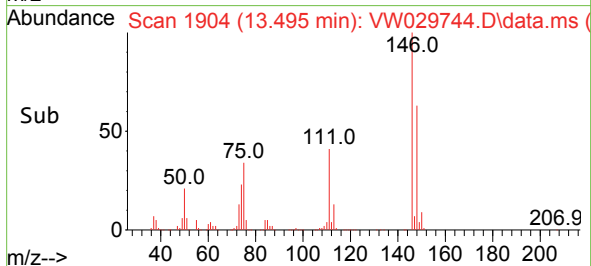
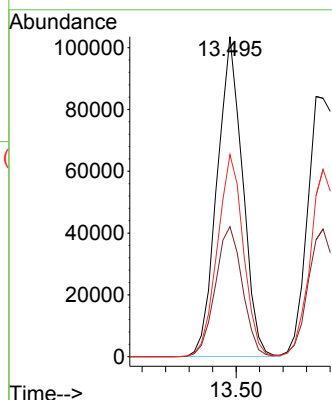
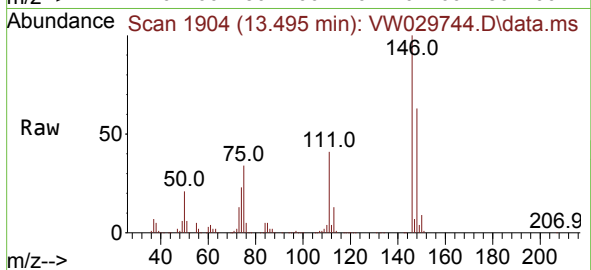
Tgt Ion:146 Resp: 155995

Ion Ratio Lower Upper

146 100

111 40.6 28.7 53.3

148 63.2 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 24.698 ug/L

RT: 13.568 min Scan# 1916

Delta R.T. -0.006 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

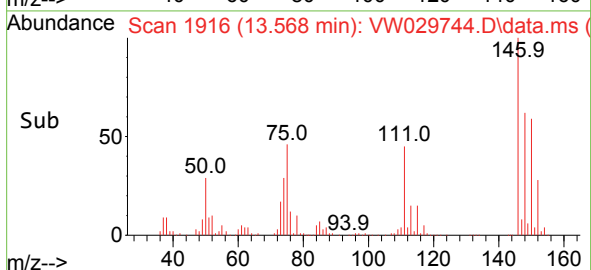
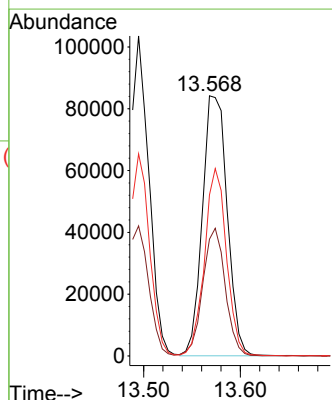
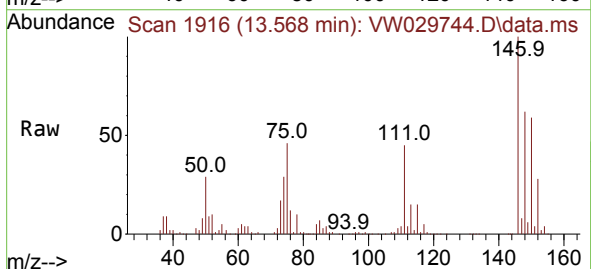
Tgt Ion:146 Resp: 150260

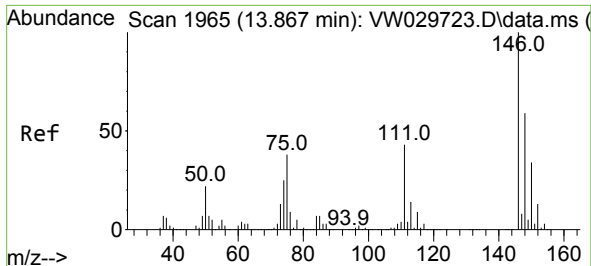
Ion Ratio Lower Upper

146 100

111 44.9 30.1 55.9

148 61.9 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 25.440 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

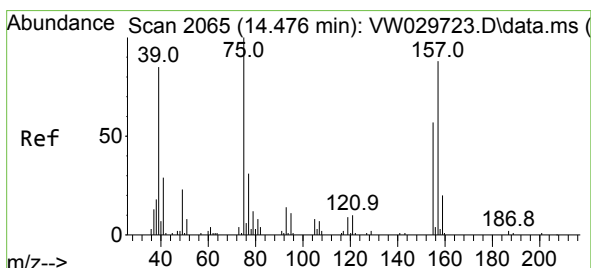
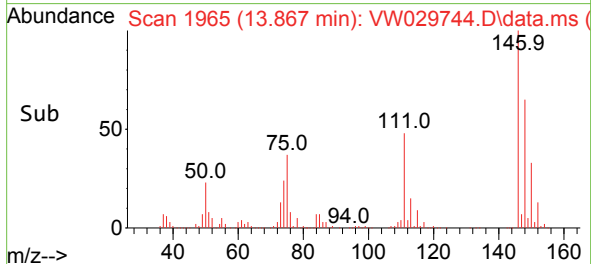
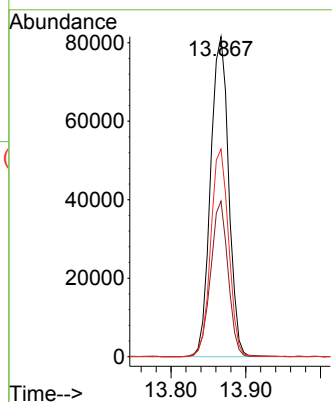
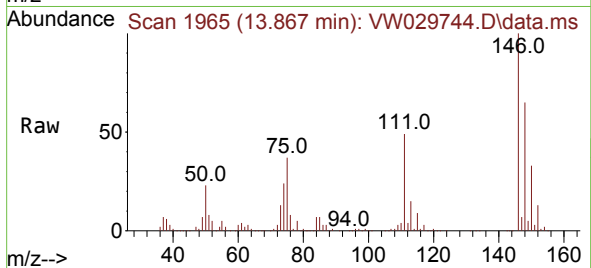
Tgt Ion:146 Resp: 137180

Ion Ratio Lower Upper

146 100

111 48.6 35.8 53.8

148 64.9 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.852 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

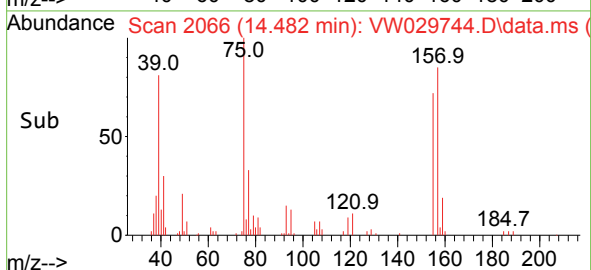
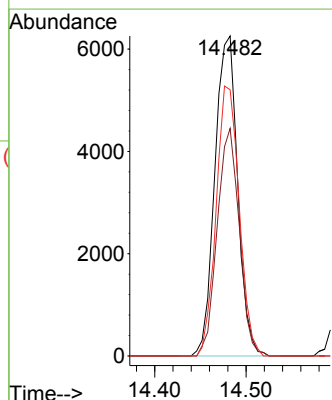
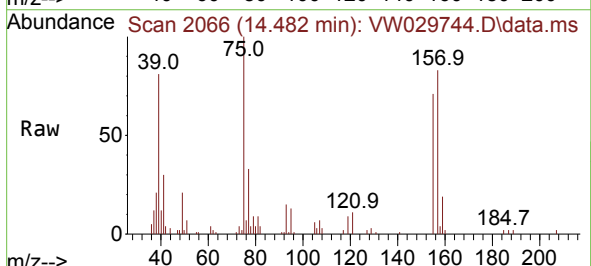
Tgt Ion: 75 Resp: 10826

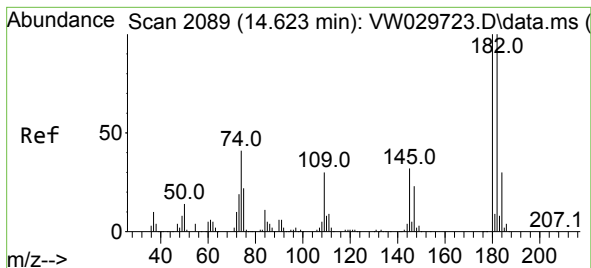
Ion Ratio Lower Upper

75 100

155 71.1 47.8 71.6

157 83.2 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 26.545 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

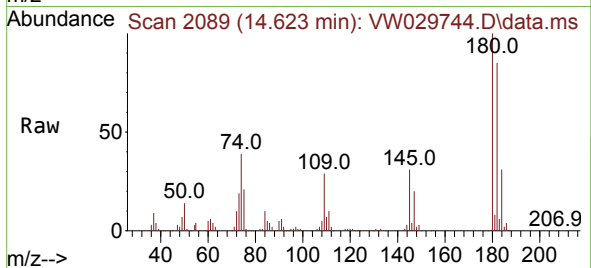
Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 107572

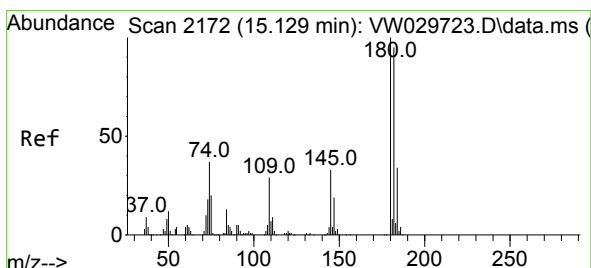
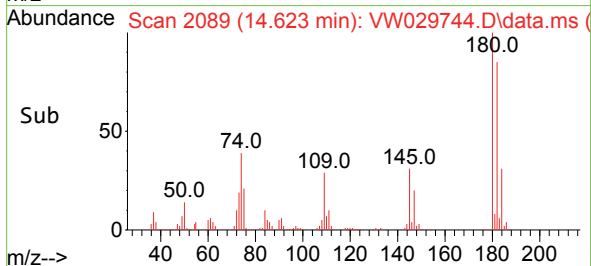
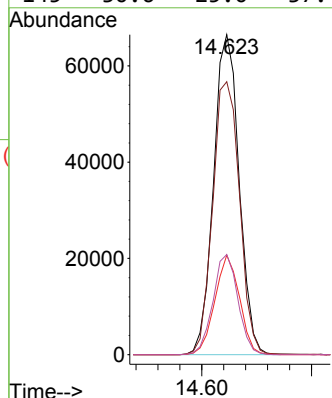
Ion Ratio Lower Upper

180 100

182 89.7 72.7 109.1

184 30.0 23.3 34.9

145 30.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.752 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

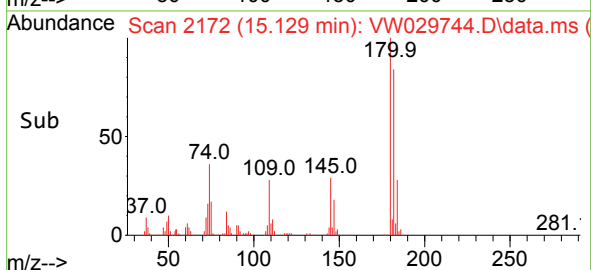
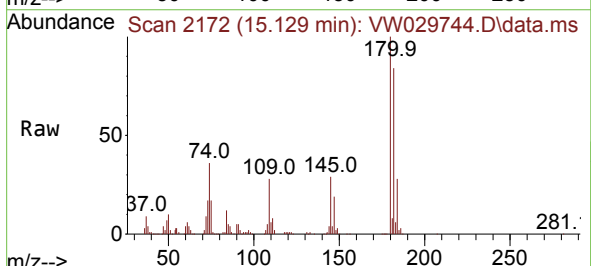
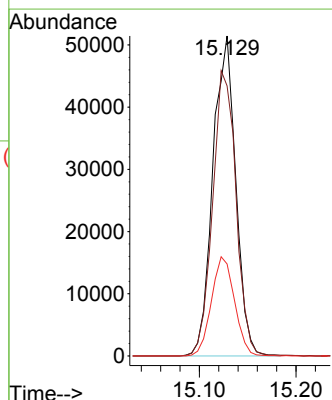
Tgt Ion:180 Resp: 84505

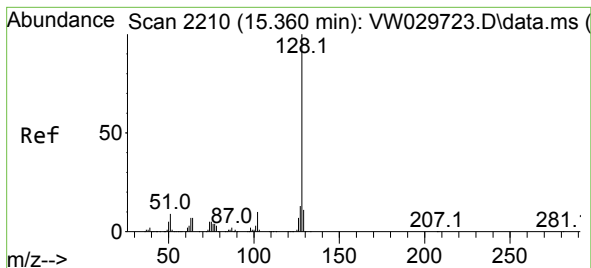
Ion Ratio Lower Upper

180 100

182 91.1 80.2 120.4

145 31.4 26.3 39.5





#71

Naphthalene

Concen: 23.283 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

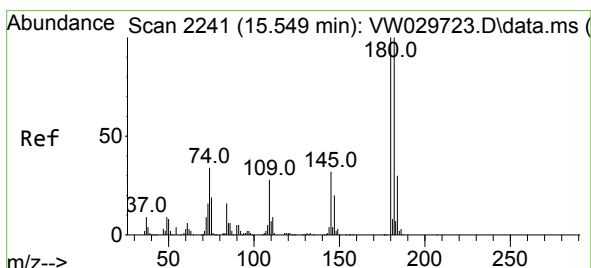
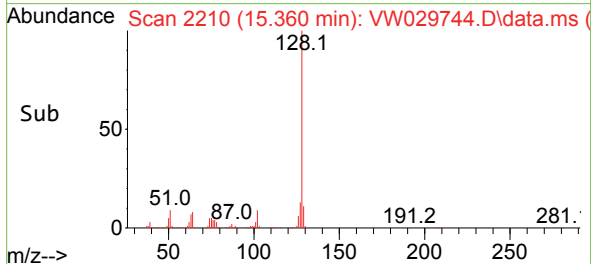
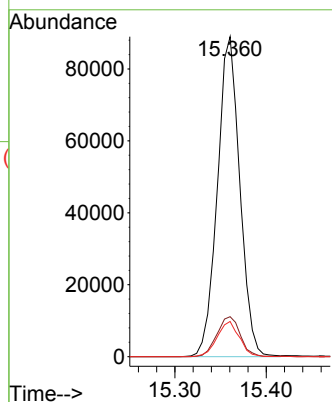
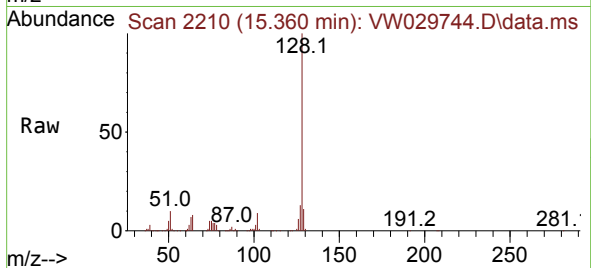
Tgt Ion:128 Resp: 151668

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.189 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029744.D

Acq: 26 Jul 2024 11:45

Tgt Ion:180 Resp: 74744

Ion Ratio Lower Upper

180 100

182 95.5 74.0 111.0

145 33.3 27.5 41.3

