

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029541.D
 Acq On : 12 Jul 2024 10:34
 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 12 23:14:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 04:31:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	273033	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	249060	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122069	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	110610	25.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.320%	
7) Chloroethane-d5	2.899	69	83986	26.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.760%	
11) 1,1-Dichloroethene-d2	4.021	65	53002	26.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.040%	
21) 2-Butanone-d5	7.081	46	52669	39.780	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 79.560%	
24) Chloroform-d	7.648	84	224003	28.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.520%	
26) 1,2-Dichloroethane-d4	8.307	65	121630	26.272	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.080%	
32) Benzene-d6	8.276	84	433103	29.028	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 116.120%	
36) 1,2-Dichloropropane-d6	9.270	67	137471	28.817	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 115.280%	
41) Toluene-d8	10.319	98	385165	29.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 117.400%	
43) trans-1,3-Dichloroprop...	10.575	79	51744	25.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.440%	
47) 2-Hexanone-d5	10.922	63	37585	43.358	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 86.720%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93218	24.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 96.280%	
66) 1,2-Dichlorobenzene-d4	13.855	152	117815	27.714	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.840%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.015	85	55624	20.805	ug/L	# 87
3) Chloromethane	2.223	50	79593	22.250	ug/L	95
5) Vinyl chloride	2.375	62	103151	25.268	ug/L	95
6) Bromomethane	2.789	94	59641	24.675	ug/L	91
8) Chloroethane	2.936	64	65106	25.919	ug/L	100
9) Trichlorofluoromethane	3.271	101	95167	25.898	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93953	25.980	ug/L	99
12) 1,1-Dichloroethene	4.045	96	91538	26.959	ug/L	96
13) Acetone	4.131	43	56365	42.178	ug/L	98
14) Carbon disulfide	4.387	76	281587	25.537	ug/L	100
15) Methyl Acetate	4.673	43	45748	19.498	ug/L	# 83
16) Methylene chloride	4.917	84	115010	23.528	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	97272	25.878	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	154118	24.099	ug/L	99
19) 1,1-Dichloroethane	6.222	63	206449	26.745	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	108626	26.428	ug/L	95
22) 2-Butanone	7.173	43	66941	38.157	ug/L	99
23) Bromochloromethane	7.514	128	45625	24.678	ug/L	93
25) Chloroform	7.673	83	202258	27.080	ug/L	96

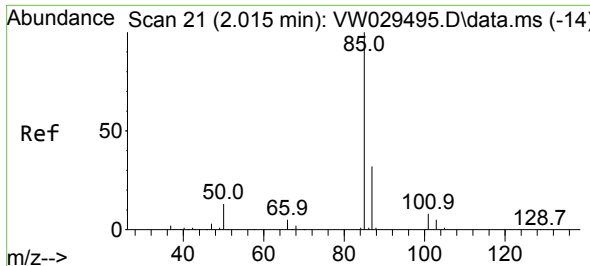
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 04:31:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138875	24.790	ug/L	98
29) Cyclohexane	7.959	56	170290	27.458	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	161748	28.439	ug/L	100
31) Carbon tetrachloride	8.069	117	144706	27.782	ug/L	100
33) Benzene	8.325	78	440796	28.287	ug/L	100
34) Trichloroethene	9.093	95	112838	27.421	ug/L	95
35) Methylcyclohexane	9.331	83	188325	28.472	ug/L	98
37) 1,2-Dichloropropane	9.368	63	118486	27.497	ug/L	100
38) Bromodichloromethane	9.642	83	141955	26.970	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	175763	27.157	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	129832	42.751	ug/L	99
42) Toluene	10.386	91	460099	28.861	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	143937	25.947	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	75993	24.521	ug/L	98
46) Tetrachloroethene	10.861	164	81974	28.039	ug/L	93
48) 2-Hexanone	10.965	43	101417	44.451	ug/L	98
49) Dibromochloromethane	11.129	129	81184	25.172	ug/L	95
50) 1,2-Dibromoethane	11.233	107	67550	22.873	ug/L	99
51) Chlorobenzene	11.654	112	278788	27.052	ug/L	96
52) Ethylbenzene	11.727	91	514923	28.510	ug/L	100
53) m,p-Xylene	11.837	106	191852	28.935	ug/L	97
54) o-Xylene	12.166	106	180149	29.376	ug/L	96
55) Styrene	12.178	104	311886	28.923	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	87509	22.386	ug/L #	95
59) Bromoform	12.343	173	43994	23.348	ug/L	98
60) Isopropylbenzene	12.458	105	506330	29.480	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65068	22.025	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	384189	31.446	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	403698	29.939	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	208713	27.110	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	204860	25.974	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	181303	26.052	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13435	19.023	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	136467	27.172	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	104495	23.646	ug/L	94
71) Naphthalene	15.360	128	195070	21.031	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95621	23.816	ug/L	98

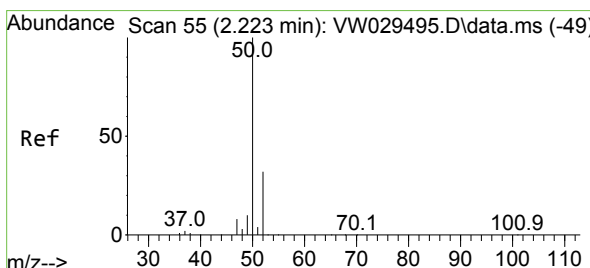
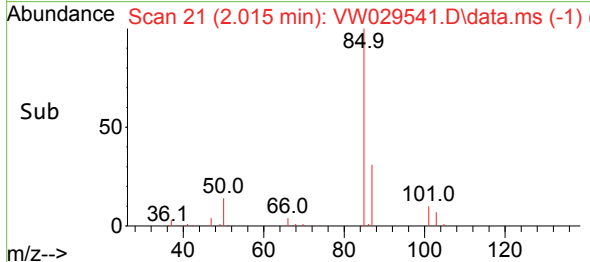
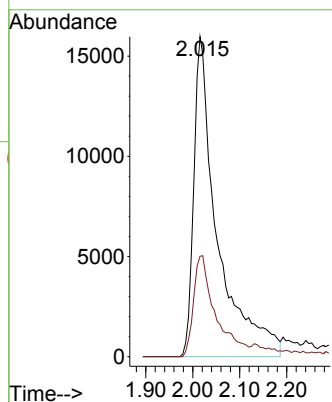
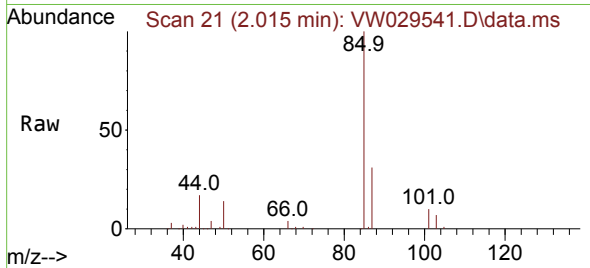
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 20.805 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW029541.D
 Acq: 12 Jul 2024 10:34

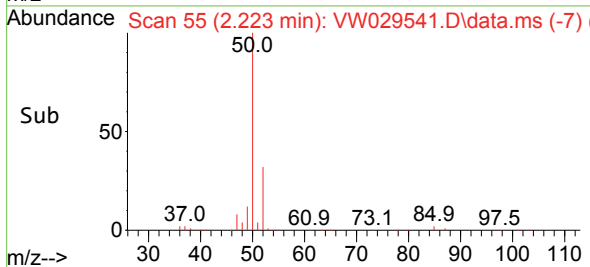
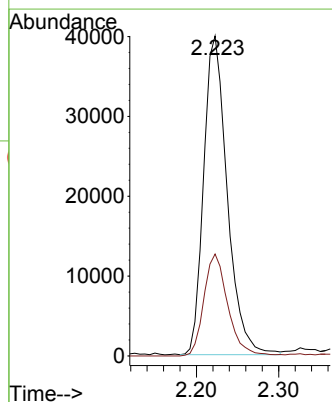
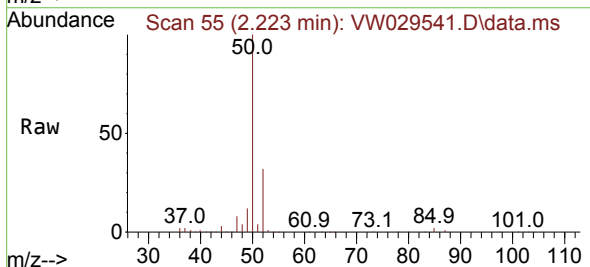
Instrument :
 MSVOA_W
 ClientSampleId :

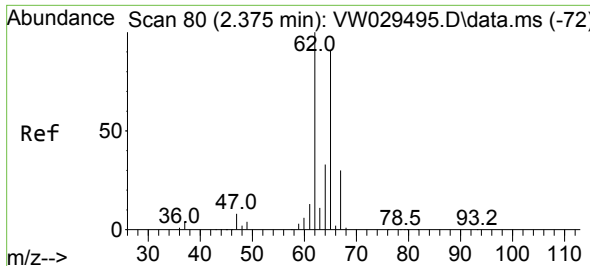
Tgt Ion: 85 Resp: 55624
 Ion Ratio Lower Upper
 85 100
 87 25.4 26.1 39.1#



#3
 Chloromethane
 Concen: 22.250 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW029541.D
 Acq: 12 Jul 2024 10:34

Tgt Ion: 50 Resp: 79593
 Ion Ratio Lower Upper
 50 100
 52 31.8 24.4 45.2

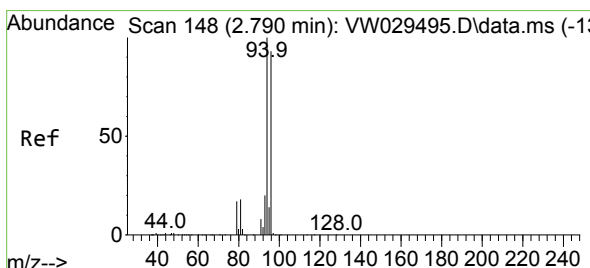
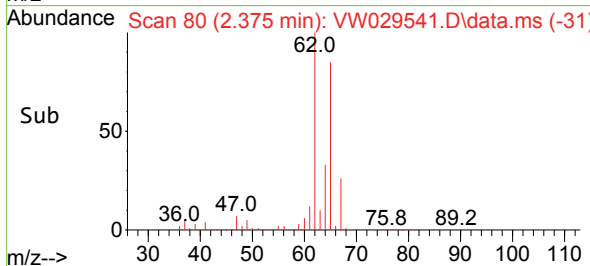
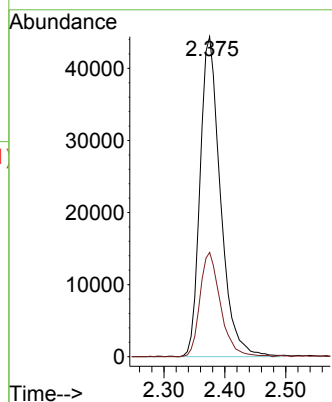
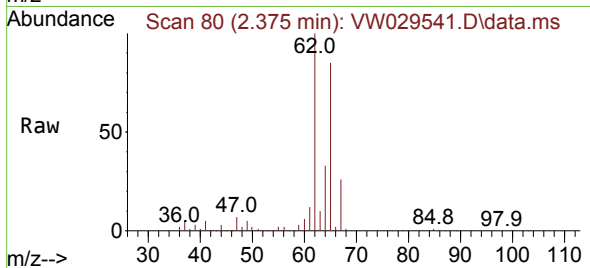




#5
 Vinyl chloride
 Concen: 25.268 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029541.D
 Acq: 12 Jul 2024 10:34

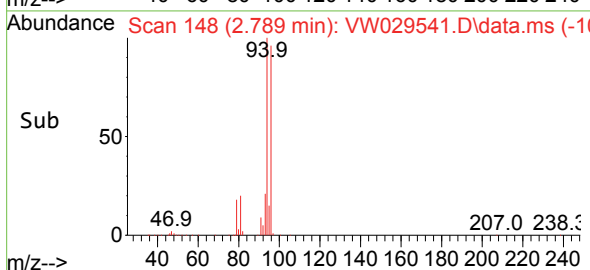
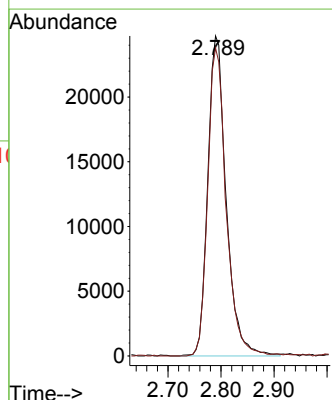
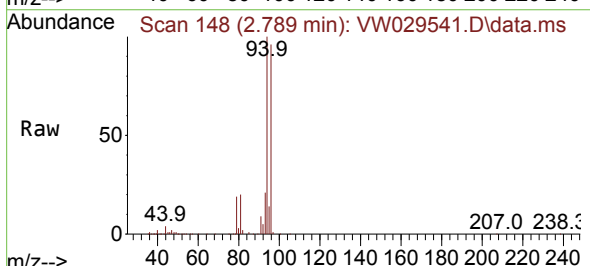
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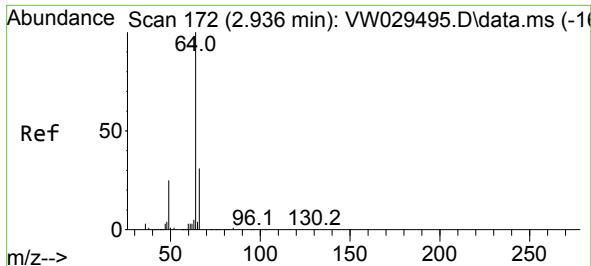
Tgt Ion: 62 Resp: 103151
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.1 46.5



#6
 Bromomethane
 Concen: 24.675 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029541.D
 Acq: 12 Jul 2024 10:34

Tgt Ion: 94 Resp: 59641
 Ion Ratio Lower Upper
 94 100
 96 96.2 61.7 114.7

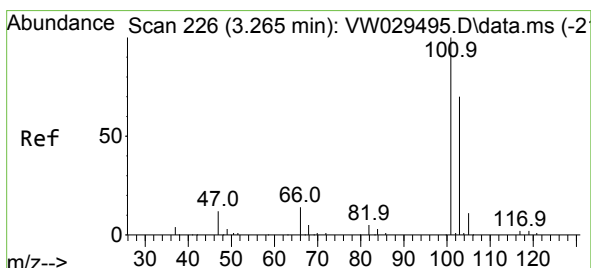
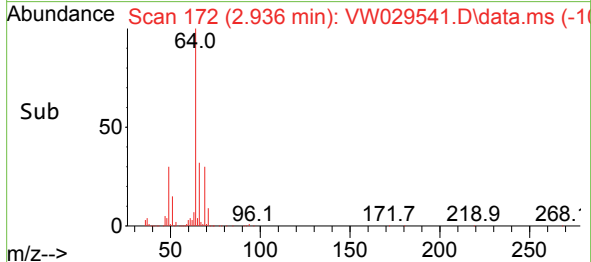
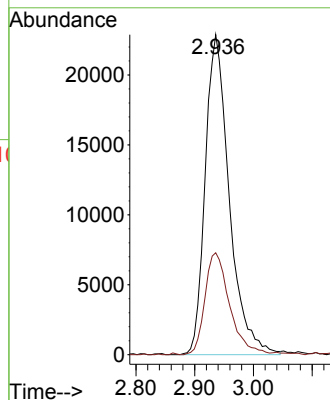
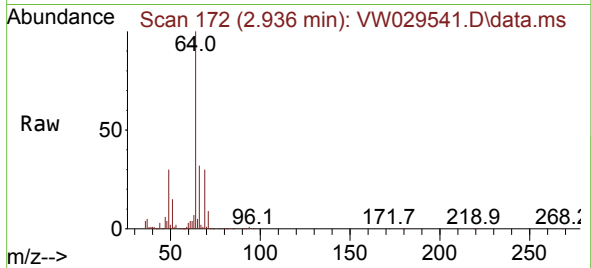




#8
Chloroethane
Concen: 25.919 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

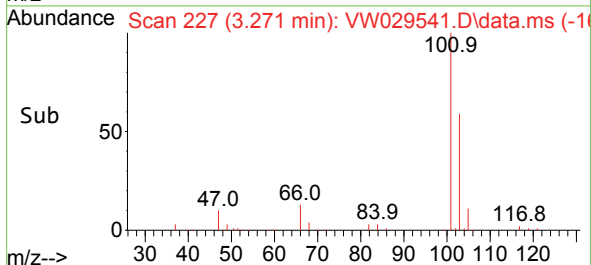
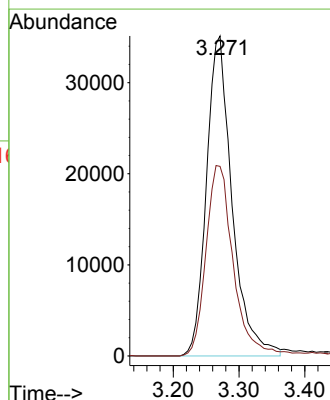
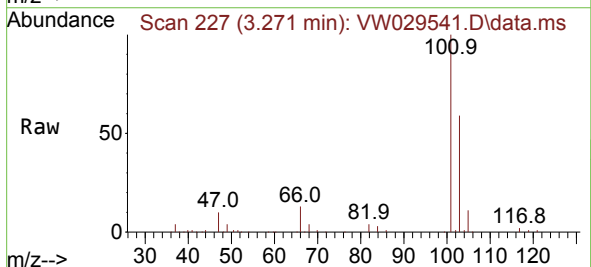
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ClientSampleId :

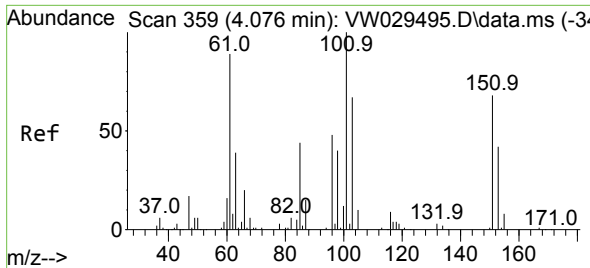
Tgt Ion: 64 Resp: 65106
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 25.898 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion:101 Resp: 95167
Ion Ratio Lower Upper
101 100
103 62.3 49.6 74.4

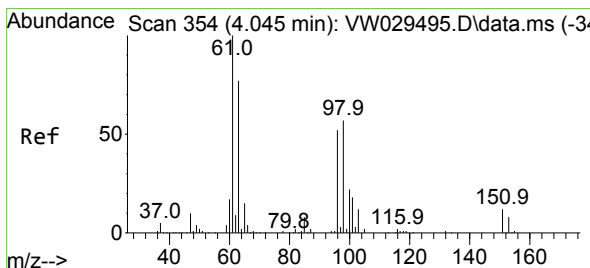
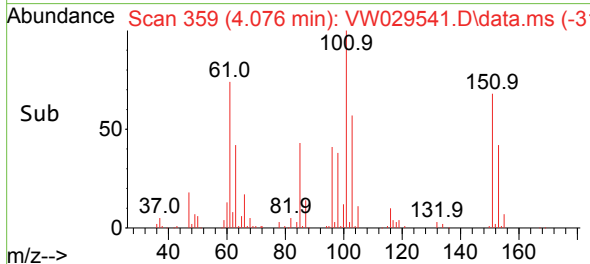
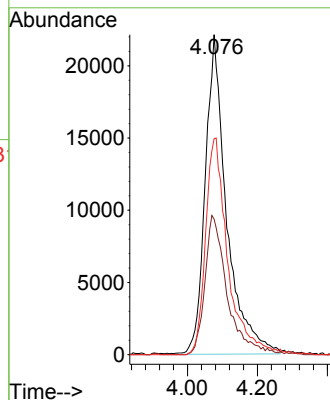
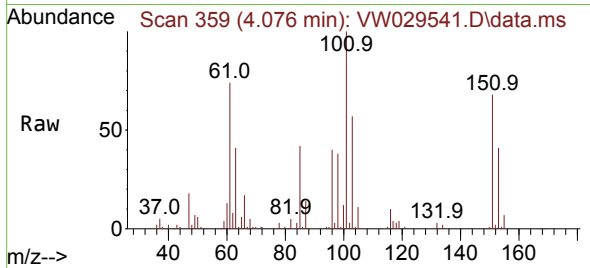




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.980 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW029541.D
 Acq: 12 Jul 2024 10:34

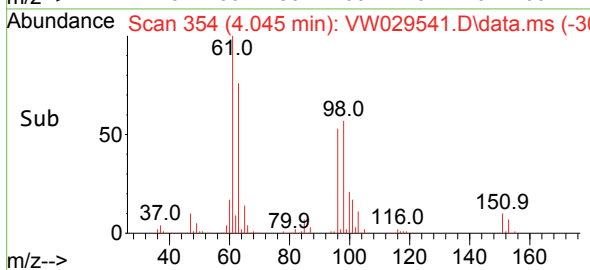
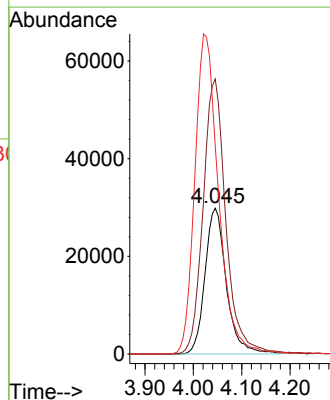
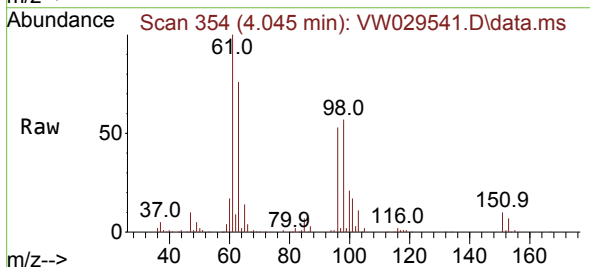
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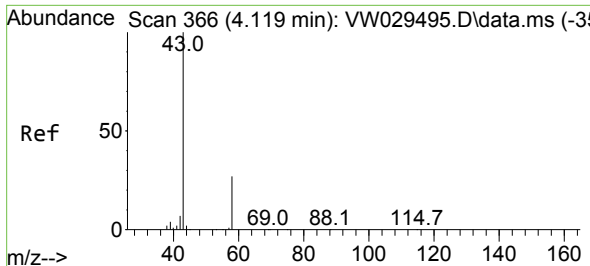
Tgt Ion:101 Resp: 93953
 Ion Ratio Lower Upper
 101 100
 85 42.8 33.8 50.8
 151 68.3 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 26.959 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW029541.D
 Acq: 12 Jul 2024 10:34

Tgt Ion: 96 Resp: 91538
 Ion Ratio Lower Upper
 96 100
 61 188.7 132.4 245.8
 63 142.8 108.4 201.2

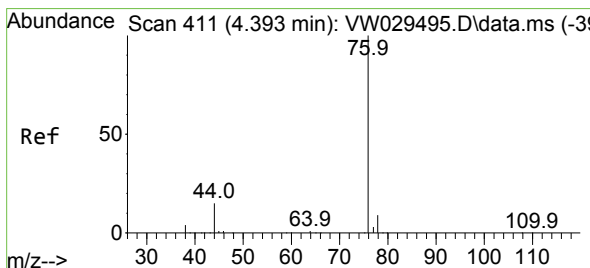
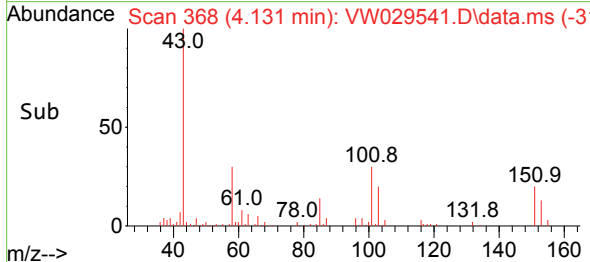
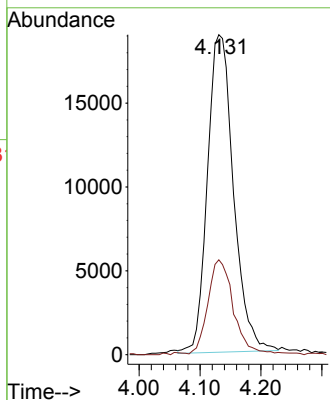
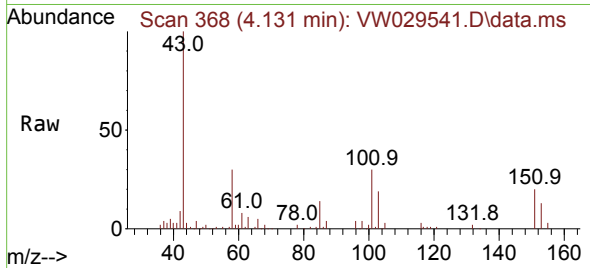




#13
Acetone
Concen: 42.178 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

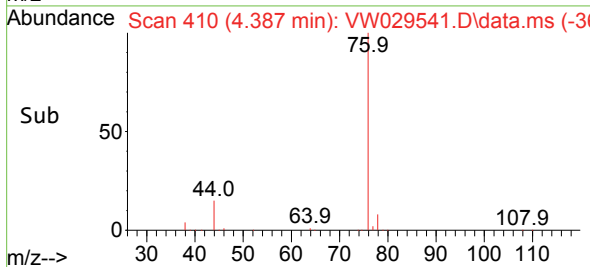
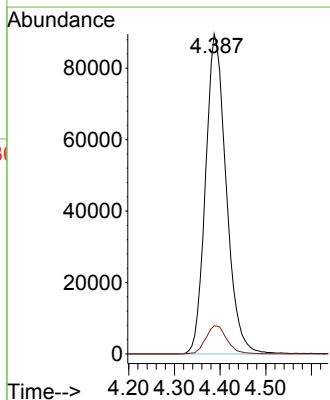
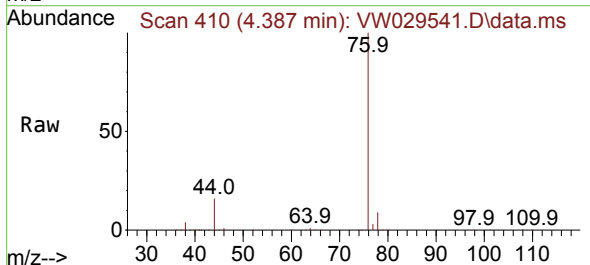
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MSVOA_W
ClientSampleId :

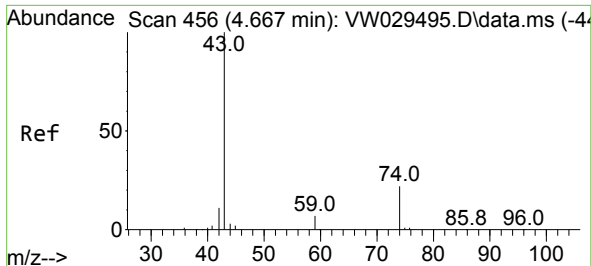
Tgt Ion: 43 Resp: 56365
Ion Ratio Lower Upper
43 100
58 28.6 0.0 55.6



#14
Carbon disulfide
Concen: 25.537 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion: 76 Resp: 281587
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

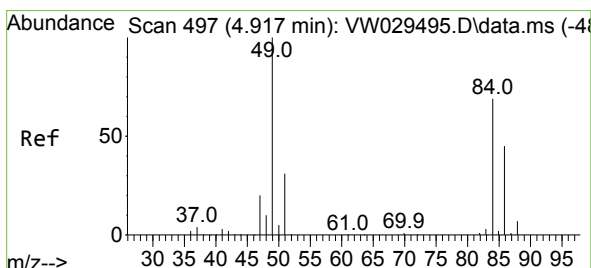
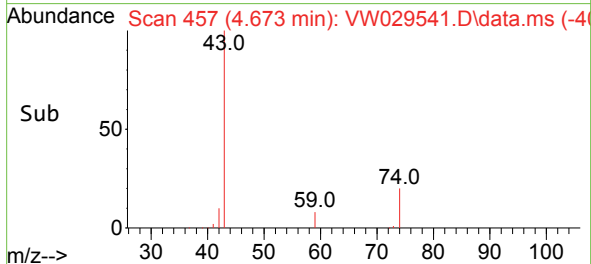
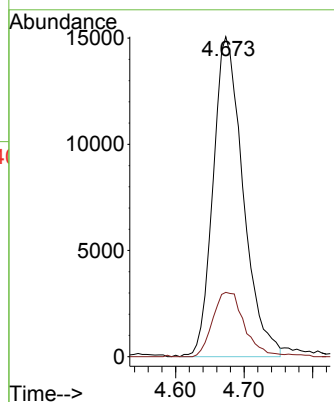
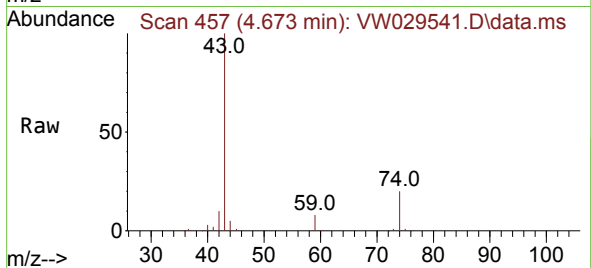




#15
Methyl Acetate
Concen: 19.498 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

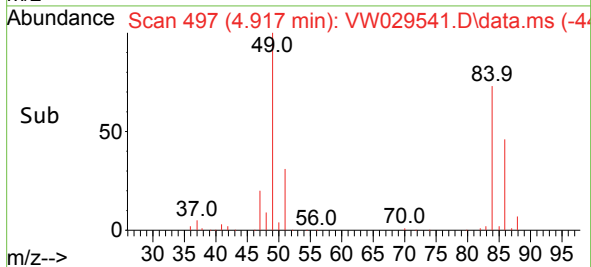
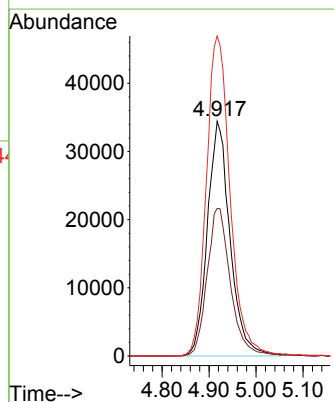
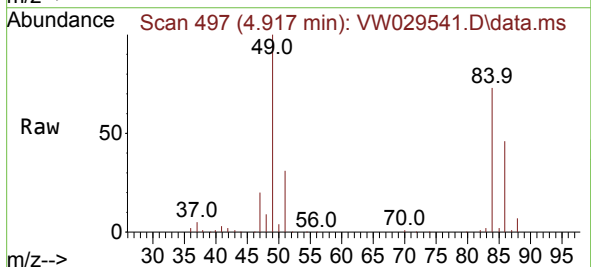
Instrument :
MSVOA_W
ClientSampleId :

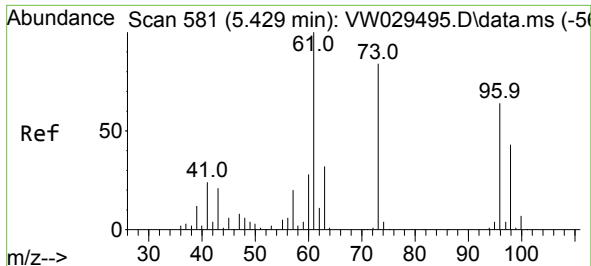
Tgt Ion: 43 Resp: 45748
Ion Ratio Lower Upper
43 100
74 12.4 16.2 24.4#



#16
Methylene chloride
Concen: 23.528 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion: 84 Resp: 115010
Ion Ratio Lower Upper
84 100
86 62.8 46.2 85.8
49 136.3 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 25.878 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

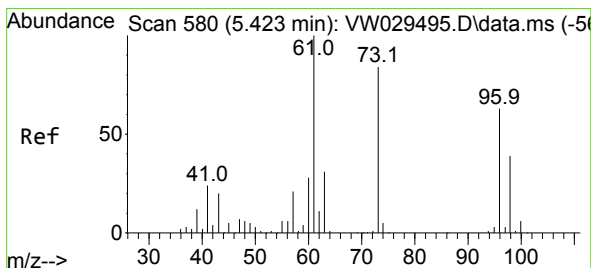
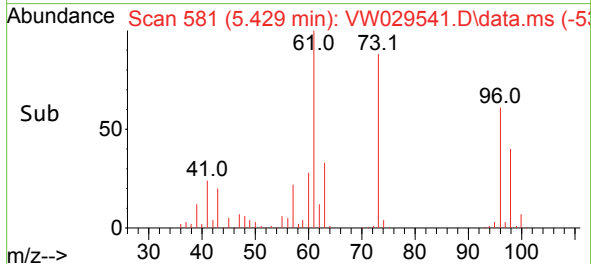
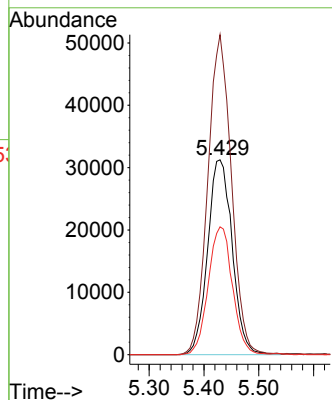
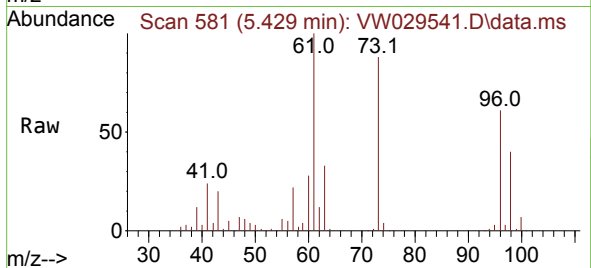
Tgt Ion: 96 Resp: 97272

Ion Ratio Lower Upper

96 100

61 164.1 102.9 191.1

98 65.6 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 24.099 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

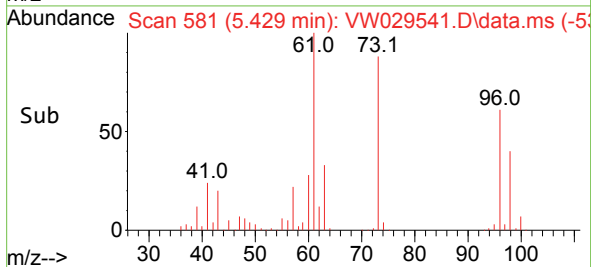
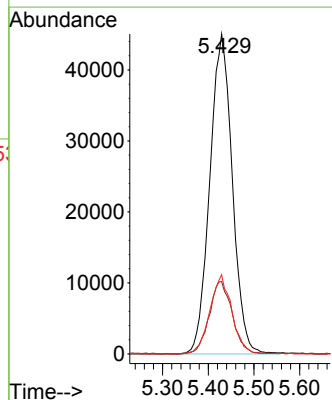
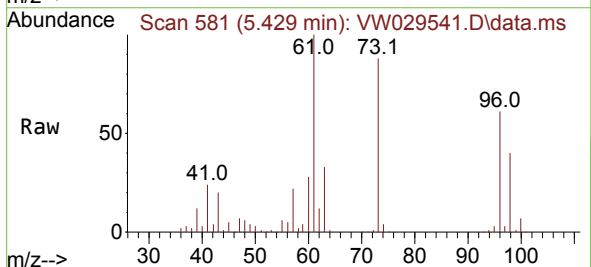
Tgt Ion: 73 Resp: 154118

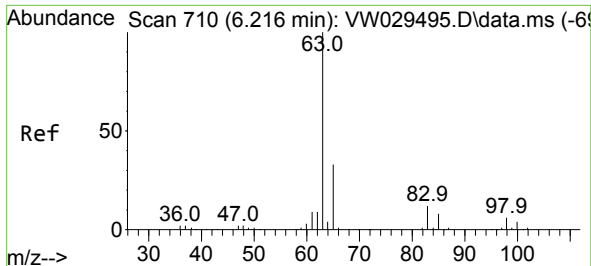
Ion Ratio Lower Upper

73 100

43 23.1 18.7 28.1

57 24.1 18.9 28.3





#19

1,1-Dichloroethane

Concen: 26.745 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

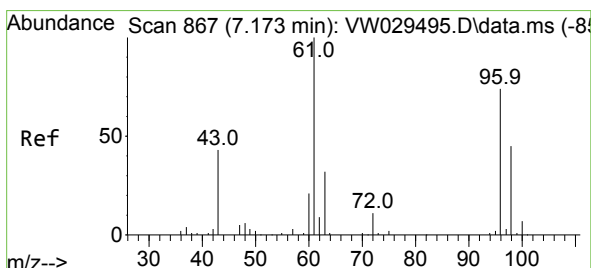
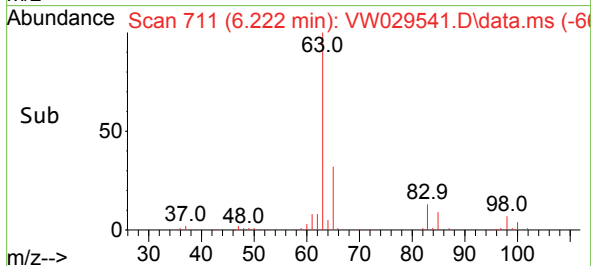
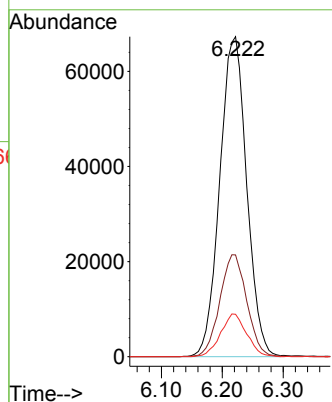
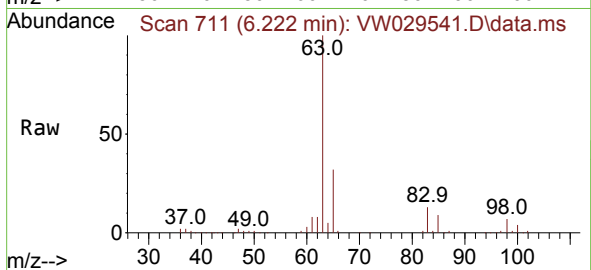
Tgt Ion: 63 Resp: 206449

Ion Ratio Lower Upper

63 100

65 31.8 21.5 39.9

83 13.3 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.428 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

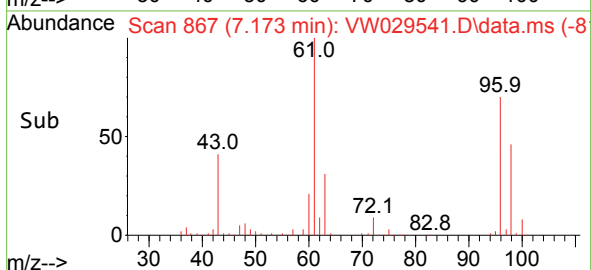
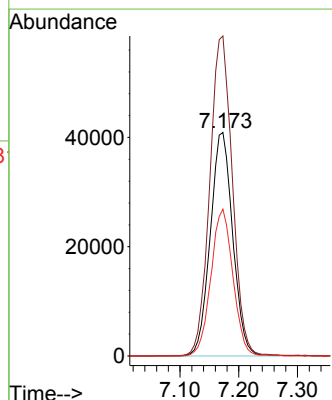
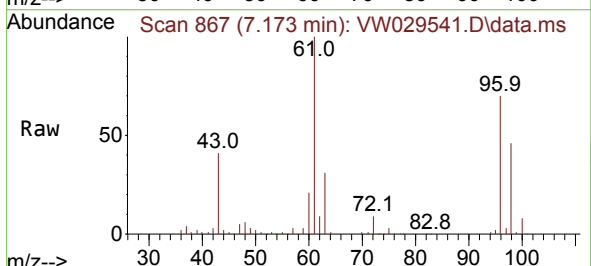
Tgt Ion: 96 Resp: 108626

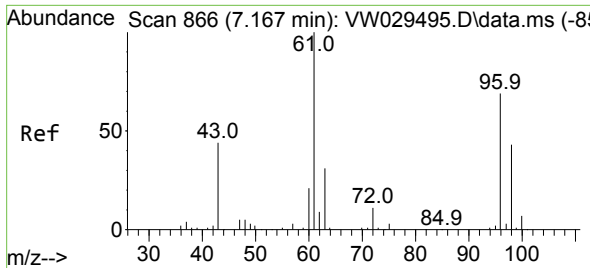
Ion Ratio Lower Upper

96 100

61 143.2 97.4 180.8

98 65.6 41.6 77.2

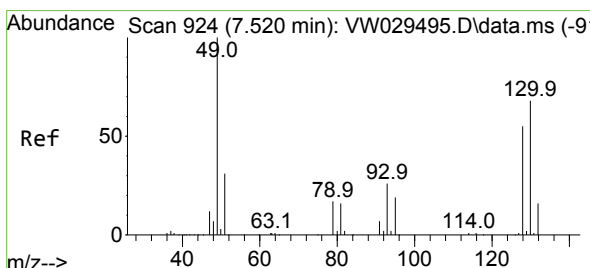
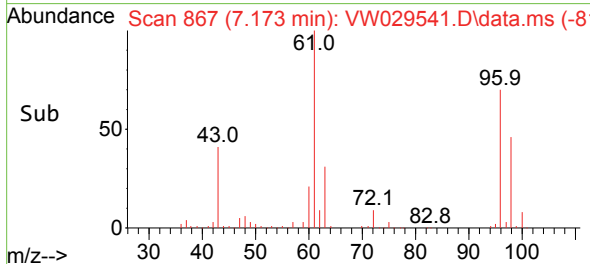
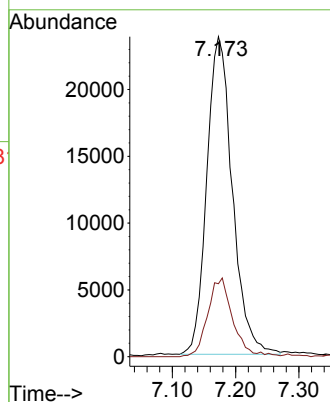
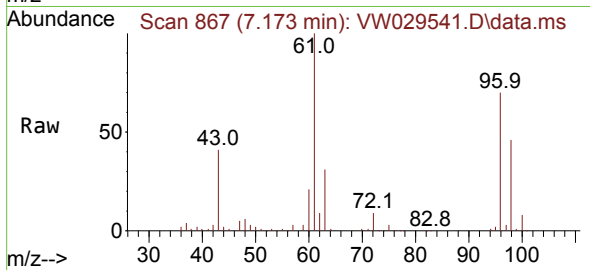




#22
2-Butanone
Concen: 38.157 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

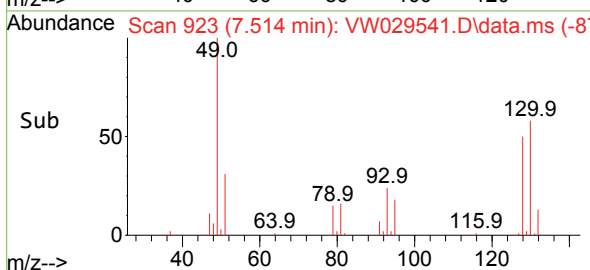
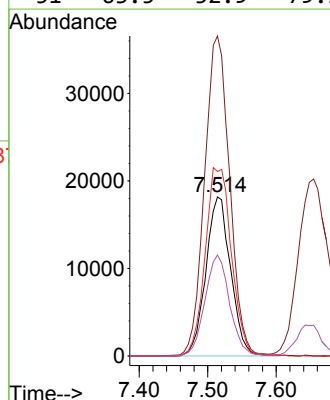
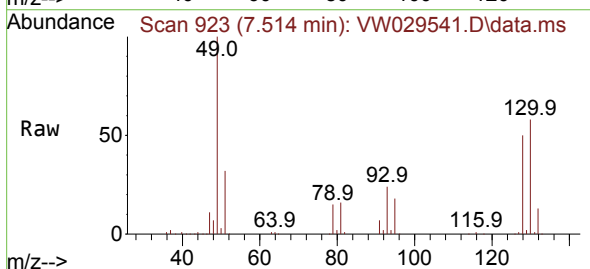
Instrument :
MSVOA_W
ClientSampleId :

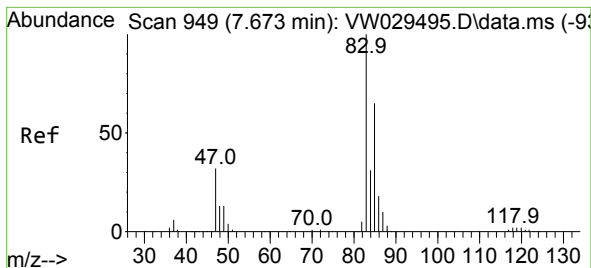
Tgt Ion: 43 Resp: 66941
Ion Ratio Lower Upper
43 100
72 23.6 12.0 36.1



#23
Bromochloromethane
Concen: 24.678 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion: 128 Resp: 45625
Ion Ratio Lower Upper
128 100
49 201.3 146.2 271.4
130 116.0 91.9 170.7
51 63.5 52.9 79.3





#25

Chloroform

Concen: 27.080 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

Instrument :

MSVOA_W

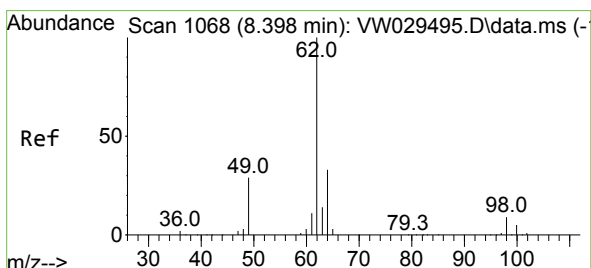
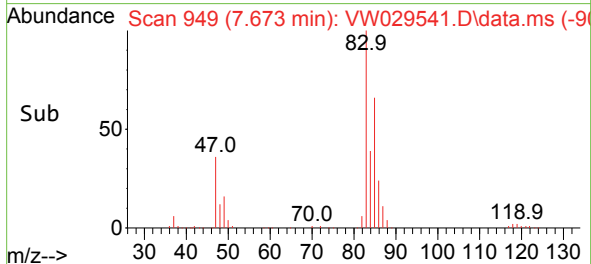
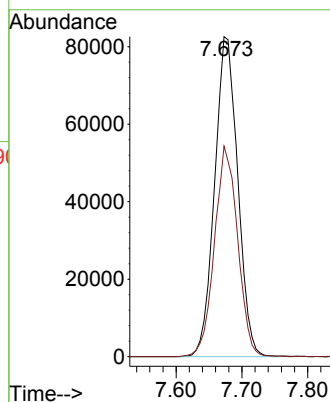
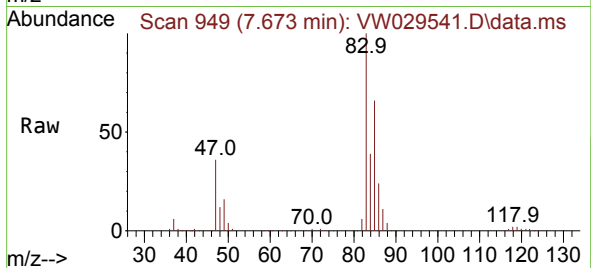
ClientSampleId :

Tgt Ion: 83 Resp: 202258

Ion Ratio Lower Upper

83 100

85 65.7 44.1 81.9



#27

1,2-Dichloroethane

Concen: 24.790 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029541.D

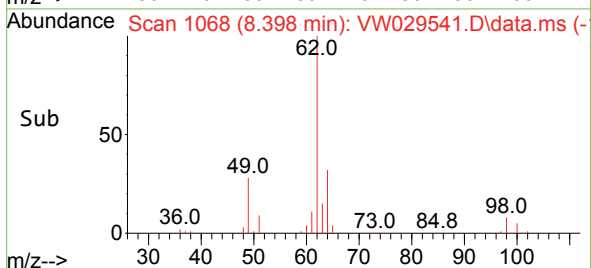
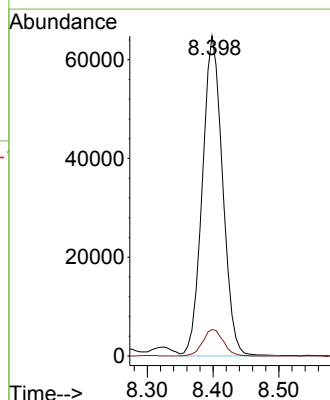
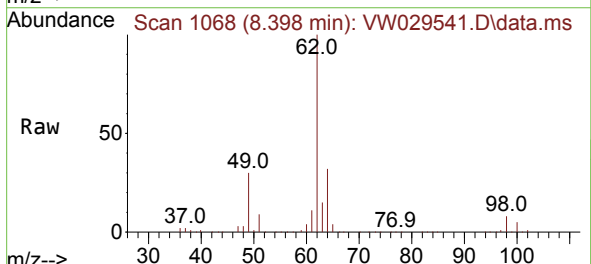
Acq: 12 Jul 2024 10:34

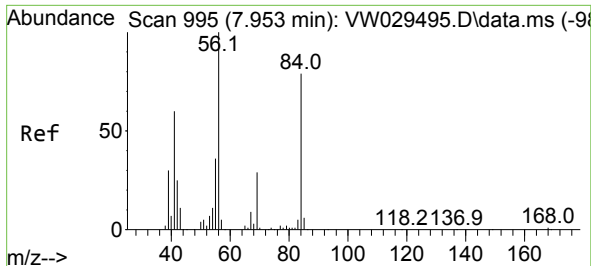
Tgt Ion: 62 Resp: 138875

Ion Ratio Lower Upper

62 100

98 8.3 6.0 9.0





#29

Cyclohexane

Concen: 27.458 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

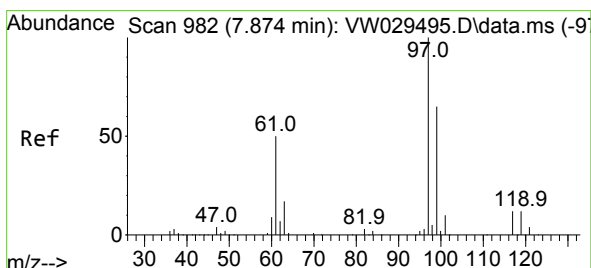
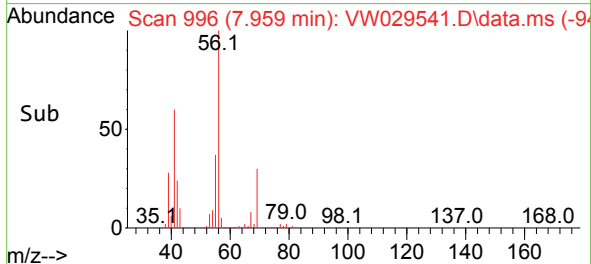
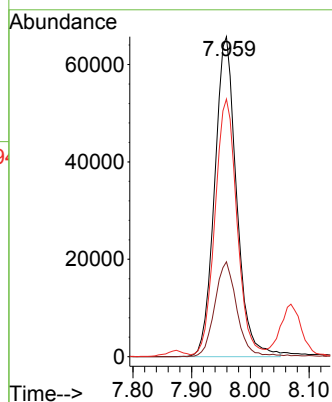
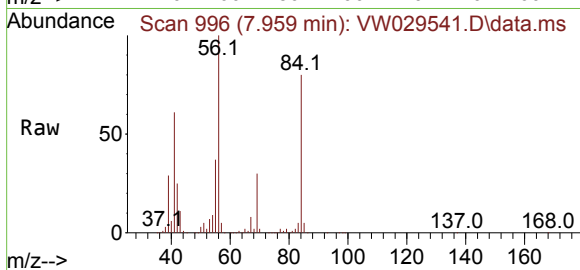
Tgt Ion: 56 Resp: 170290

Ion Ratio Lower Upper

56 100

69 29.4 23.3 34.9

84 80.7 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 28.439 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

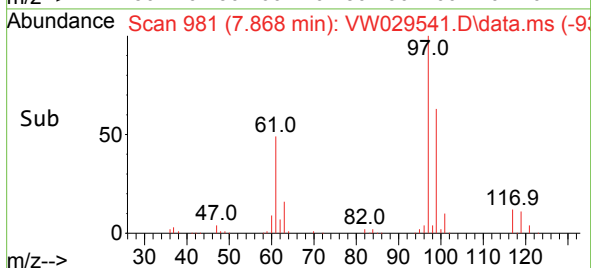
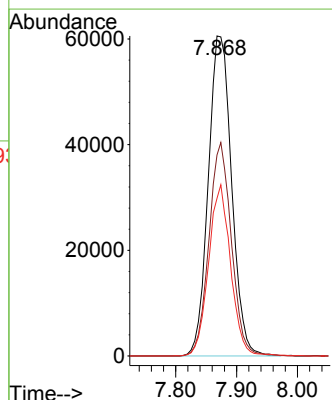
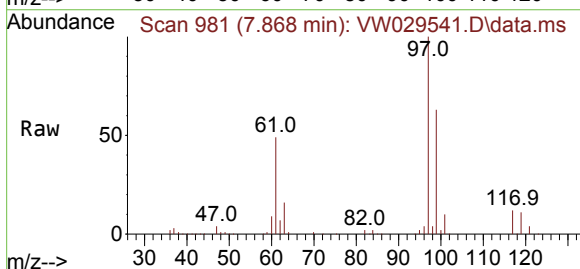
Tgt Ion: 97 Resp: 161748

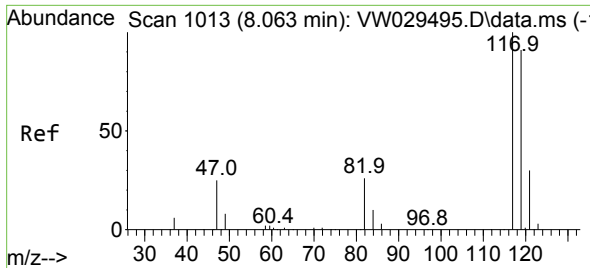
Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 50.2 40.6 61.0

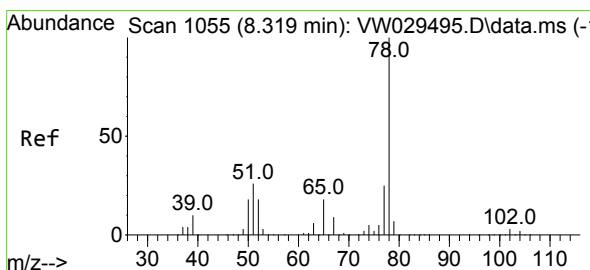
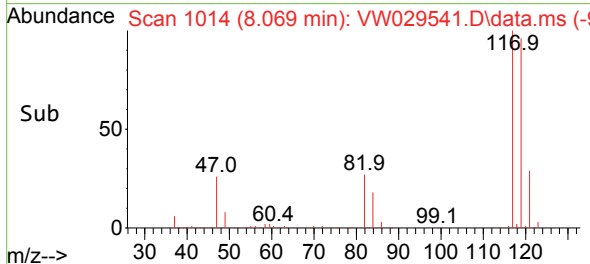
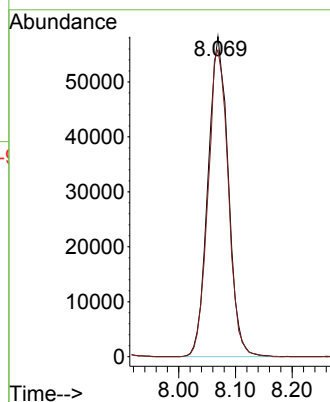
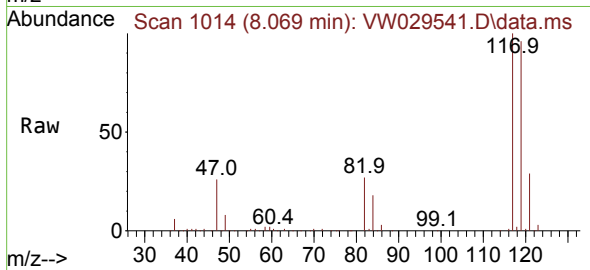




#31
Carbon tetrachloride
Concen: 27.782 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

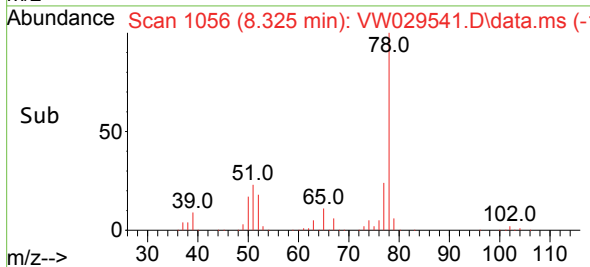
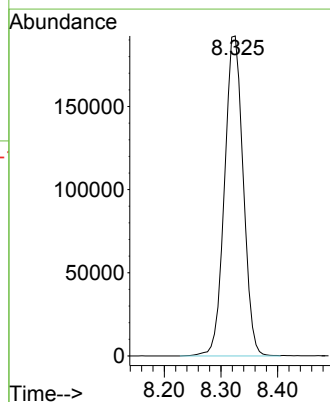
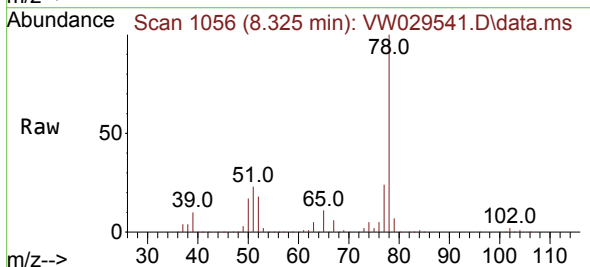
Instrument :
MSVOA_W
ClientSampleId :

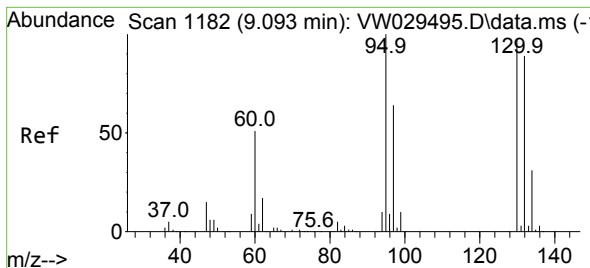
Tgt Ion:117 Resp: 144706
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6



#33
Benzene
Concen: 28.287 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion: 78 Resp: 440796





#34

Trichloroethene

Concen: 27.421 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

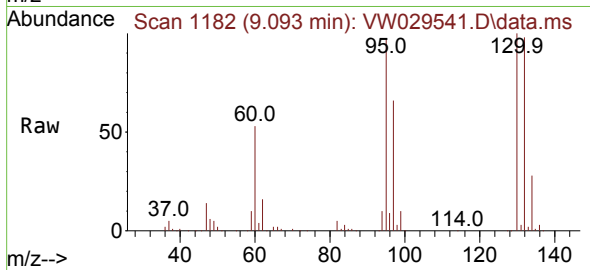
Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 112838

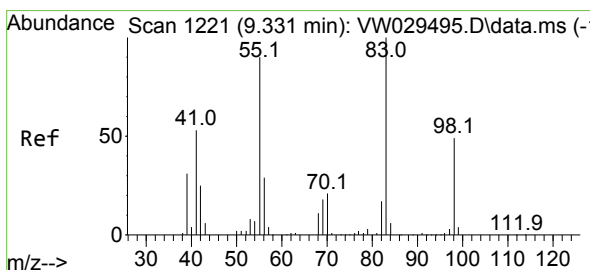
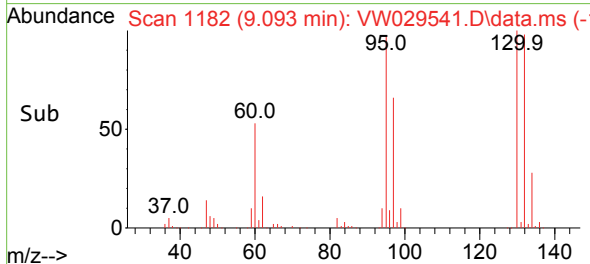
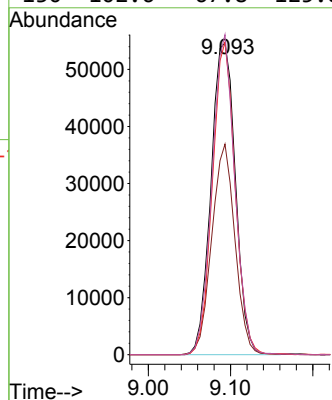
Ion Ratio Lower Upper

95 100

97 67.5 47.3 87.9

132 100.2 65.8 122.2

130 102.6 67.8 125.8



#35

Methylcyclohexane

Concen: 28.472 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

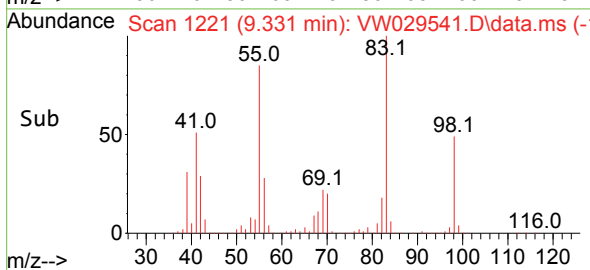
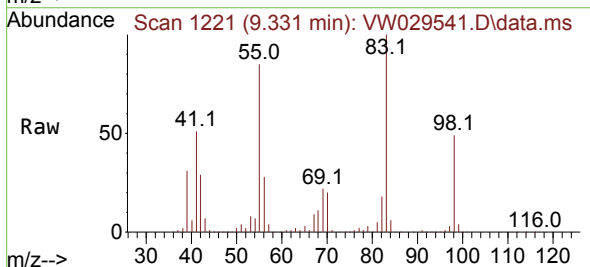
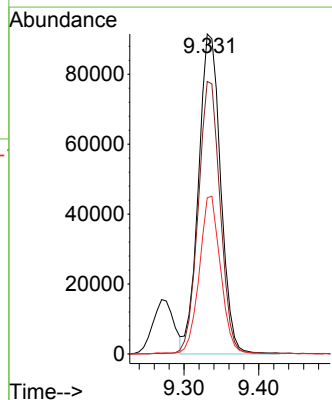
Tgt Ion: 83 Resp: 188325

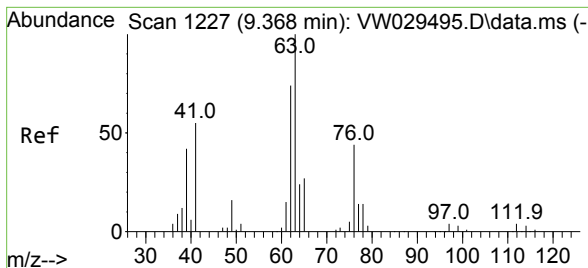
Ion Ratio Lower Upper

83 100

55 84.2 69.6 104.4

98 47.4 38.3 57.5

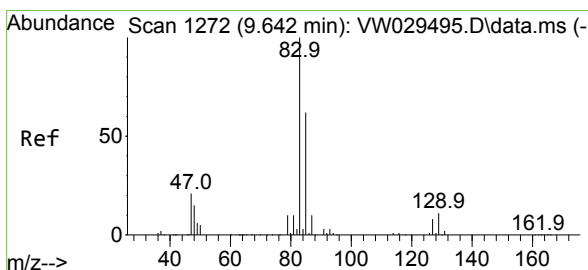
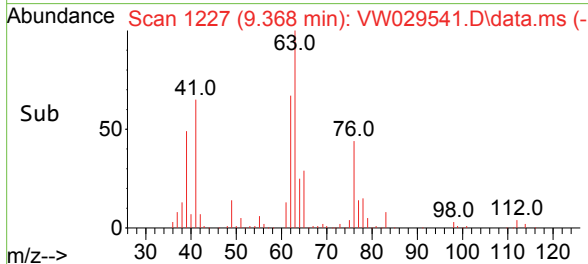
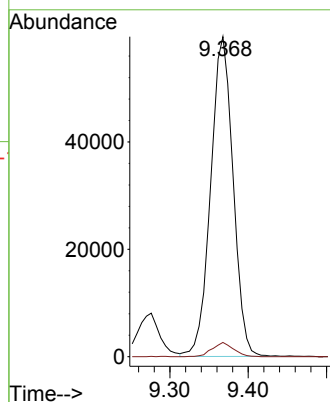
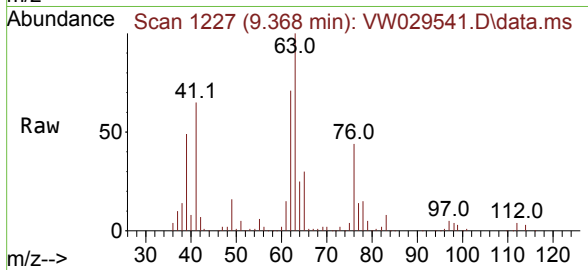




#37
1,2-Dichloropropane
Concen: 27.497 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

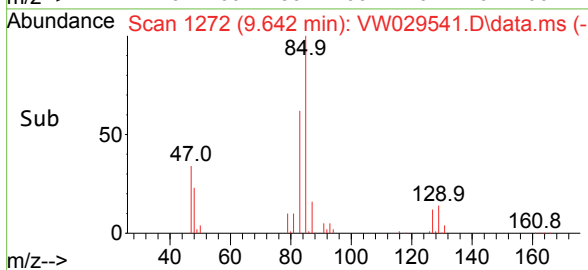
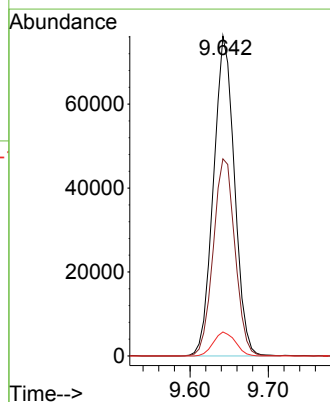
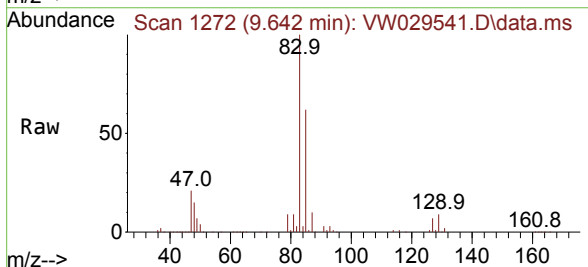
Instrument :
MSVOA_W
ClientSampleId :

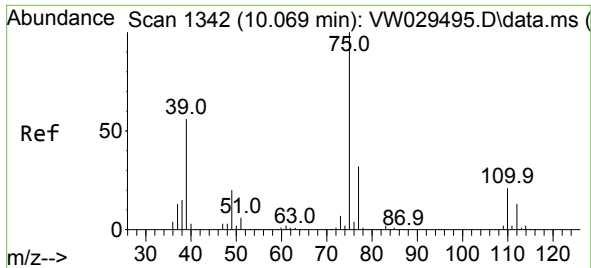
Tgt Ion: 63 Resp: 118486
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 26.970 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion: 83 Resp: 141955
Ion Ratio Lower Upper
83 100
85 61.6 46.1 85.5
127 7.5 6.1 9.1

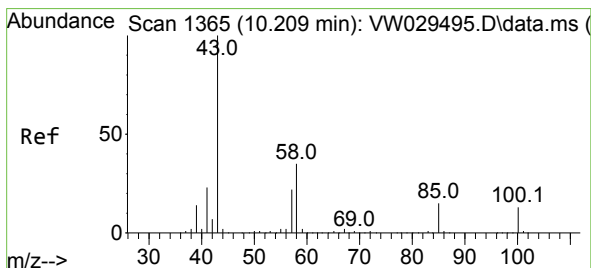
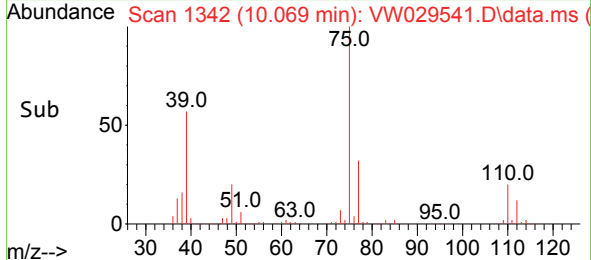
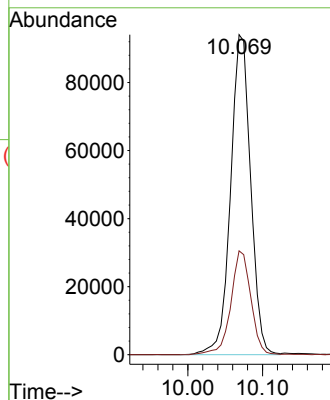
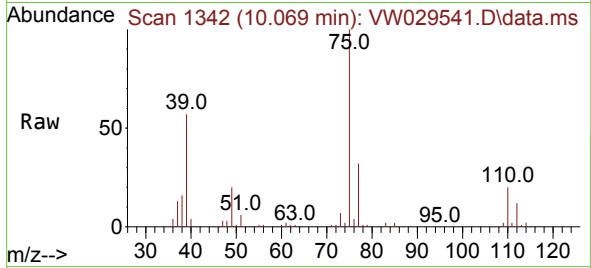




#39
cis-1,3-Dichloropropene
Concen: 27.157 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

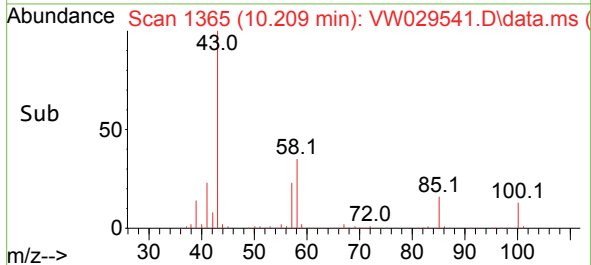
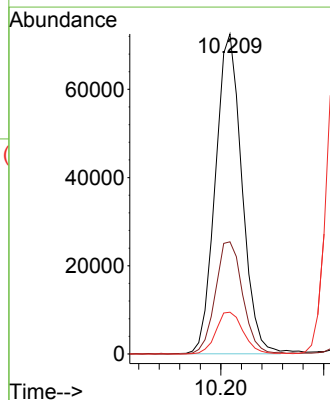
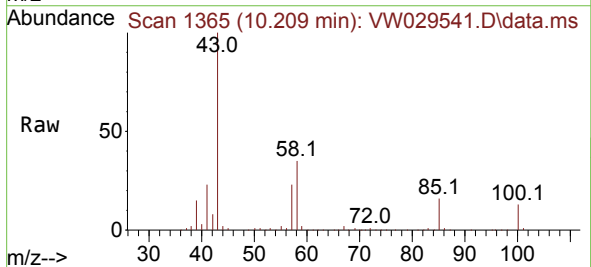
Instrument :
MSVOA_W
ClientSampleId :

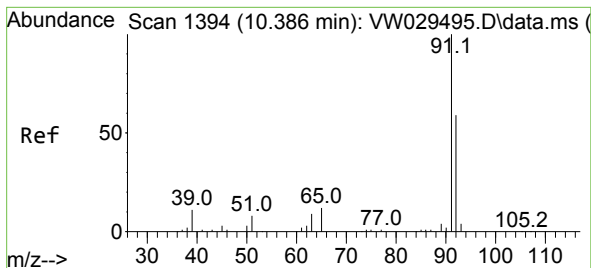
Tgt Ion: 75 Resp: 175763
Ion Ratio Lower Upper
75 100
77 32.4 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 42.751 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion: 43 Resp: 129832
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6
100 13.5 10.5 15.7





#42

Toluene

Concen: 28.861 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

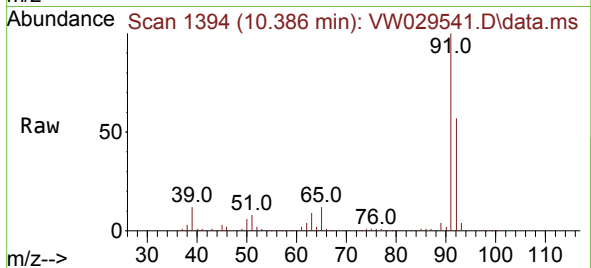
Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

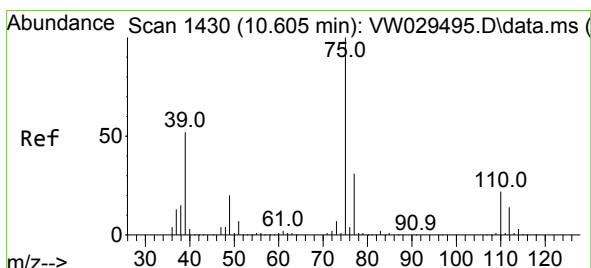
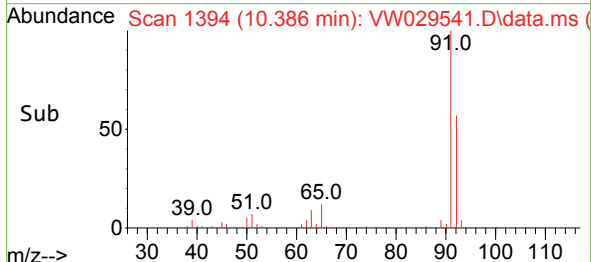
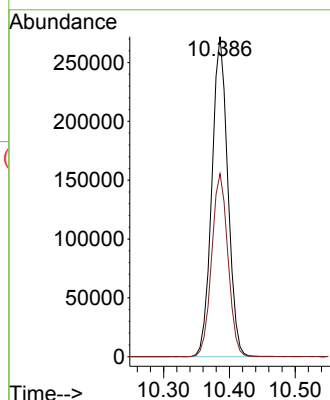


Tgt Ion: 91 Resp: 460099

Ion Ratio Lower Upper

91 100

92 57.2 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.947 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029541.D

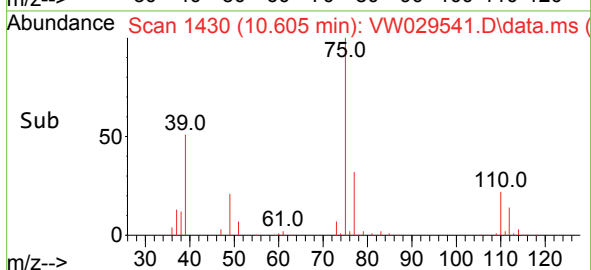
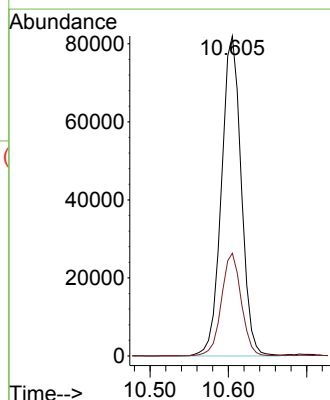
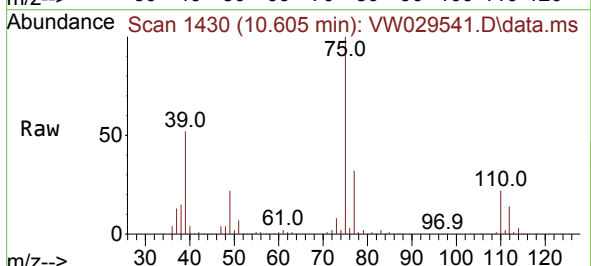
Acq: 12 Jul 2024 10:34

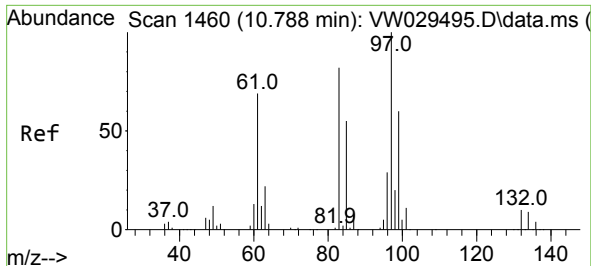
Tgt Ion: 75 Resp: 143937

Ion Ratio Lower Upper

75 100

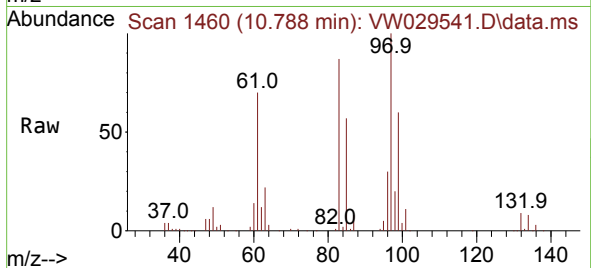
77 32.1 22.4 41.6



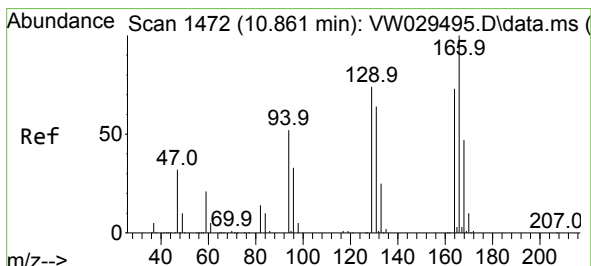
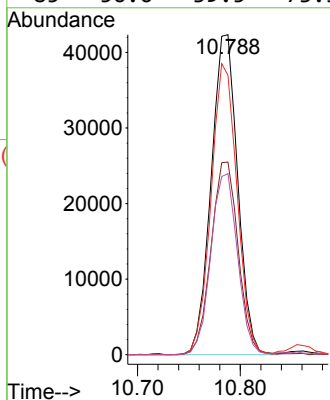
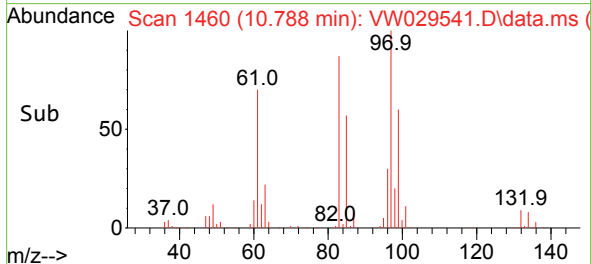


#45
1,1,2-Trichloroethane
Concen: 24.521 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

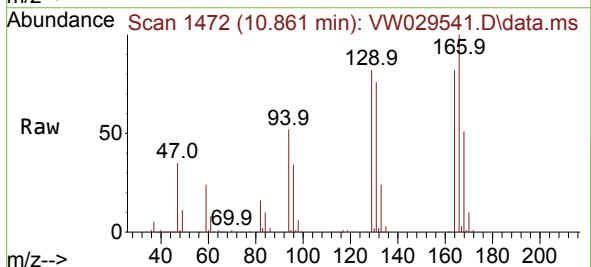
Instrument :
MSVOA_W
ClientSampleId :



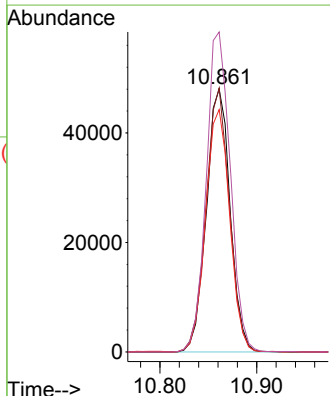
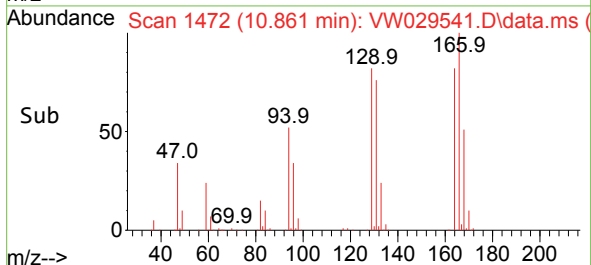
Tgt Ion:	97	Resp:	75993
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.8	81.4
83	87.3	60.3	111.9
85	56.6	39.5	73.3

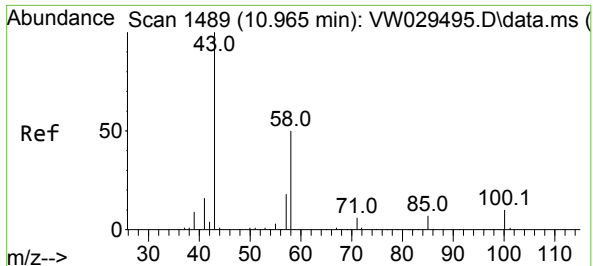


#46
Tetrachloroethene
Concen: 28.039 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34



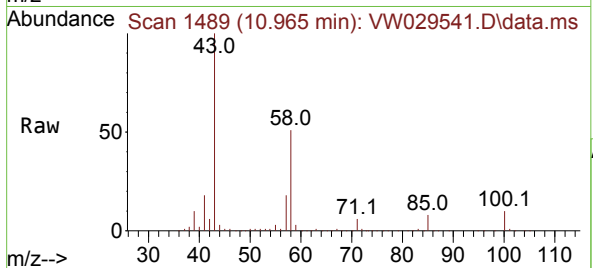
Tgt Ion:	164	Resp:	81974
Ion	Ratio	Lower	Upper
164	100		
129	100.3	60.0	111.4
131	92.2	64.6	120.0
166	121.7	80.4	149.2



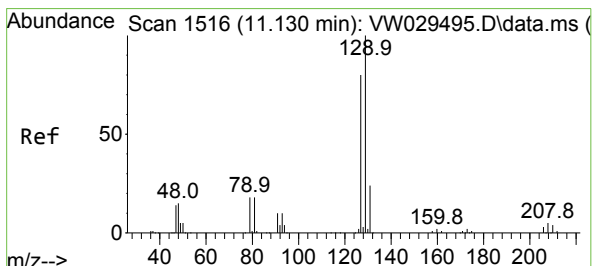
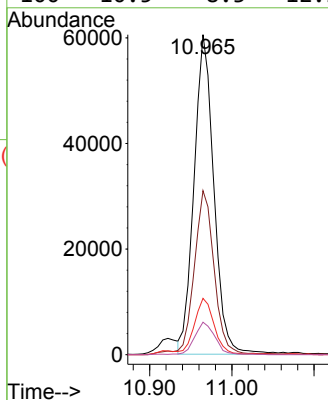
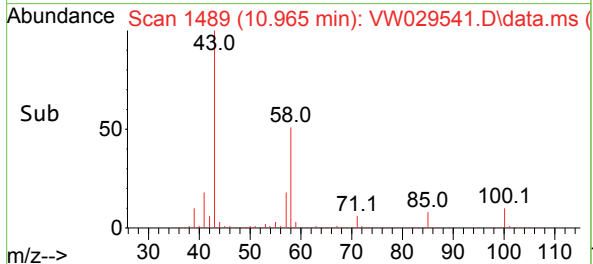


#48
2-Hexanone
Concen: 44.451 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Instrument :
MSVOA_W
ClientSampleId :

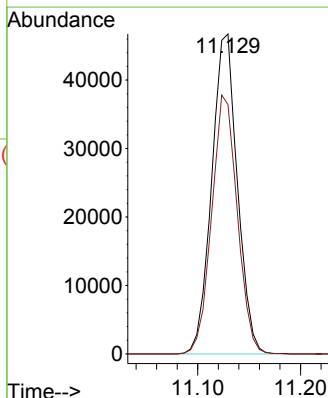
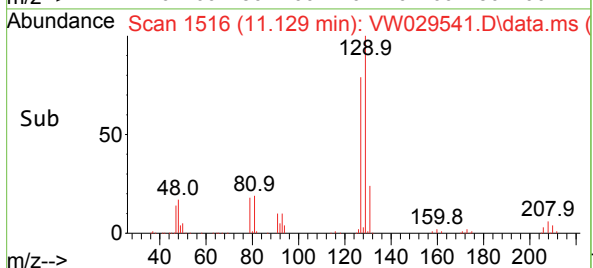
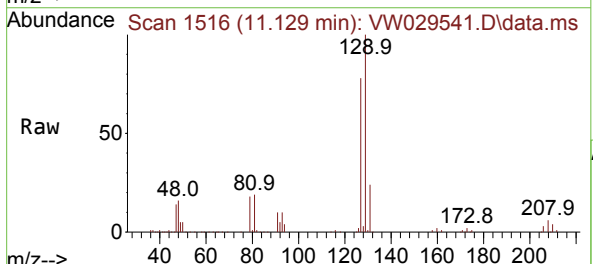


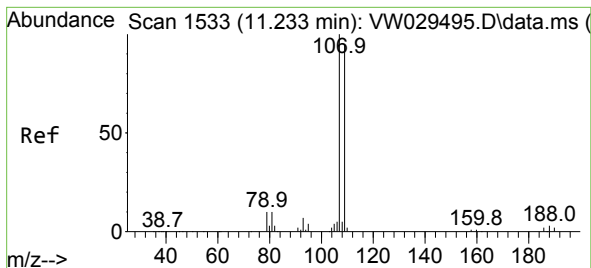
Tgt Ion: 43 Resp: 101417
Ion Ratio Lower Upper
43 100
58 51.1 39.8 59.8
57 17.2 14.6 21.8
100 10.5 8.3 12.5



#49
Dibromochloromethane
Concen: 25.172 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

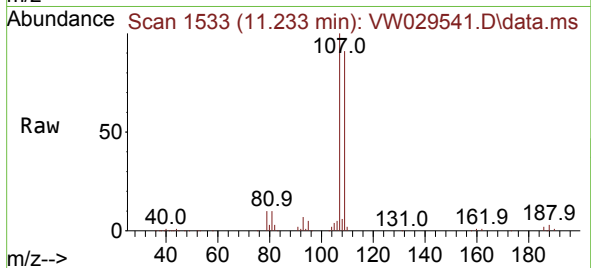
Tgt Ion:129 Resp: 81184
Ion Ratio Lower Upper
129 100
127 78.0 51.9 96.3



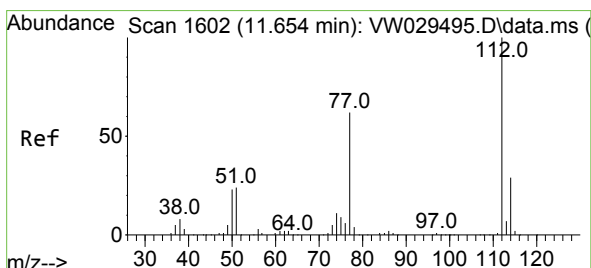
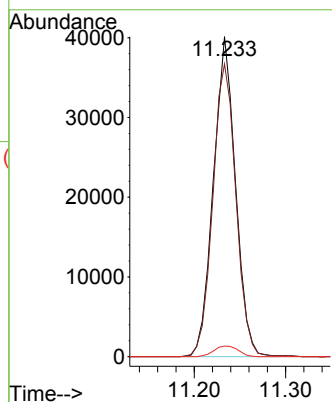
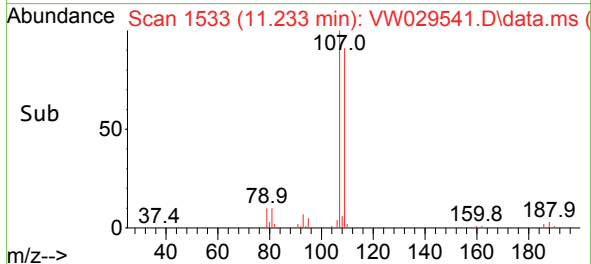


#50
1,2-Dibromoethane
Concen: 22.873 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Instrument :
MSVOA_W
ClientSampleId :

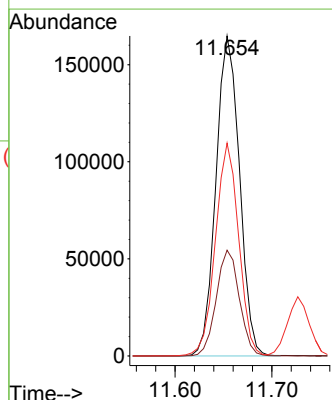
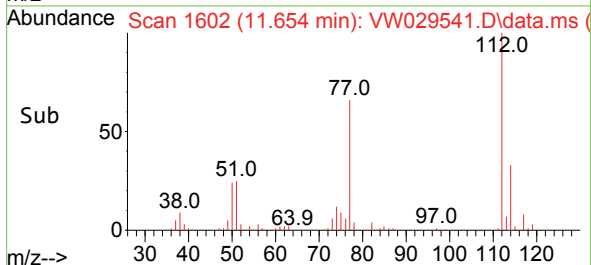
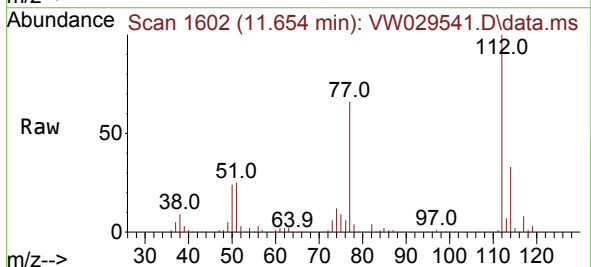


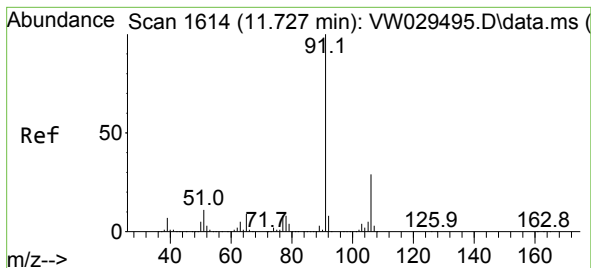
Tgt Ion:107 Resp: 67550
Ion Ratio Lower Upper
107 100
109 91.5 63.2 117.4
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 27.052 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion:112 Resp: 278788
Ion Ratio Lower Upper
112 100
114 33.1 22.6 42.0
77 66.5 49.9 74.9

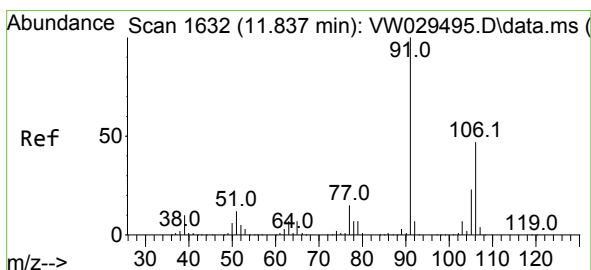
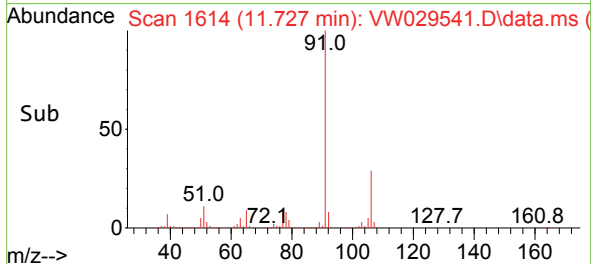
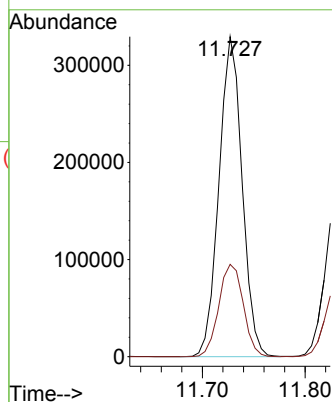
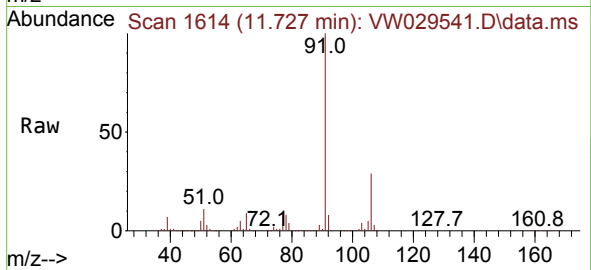




#52
Ethylbenzene
Concen: 28.510 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

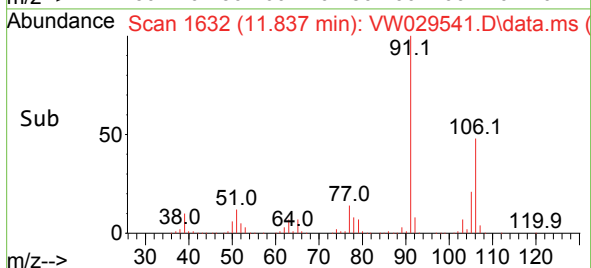
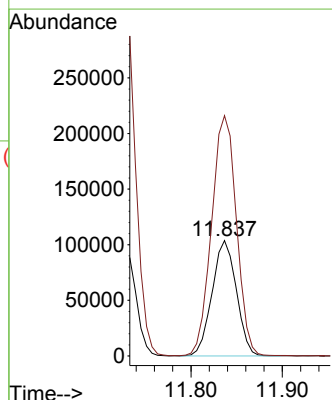
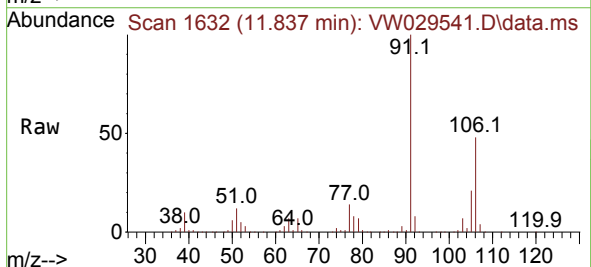
Instrument :
MSVOA_W
ClientSampleId :

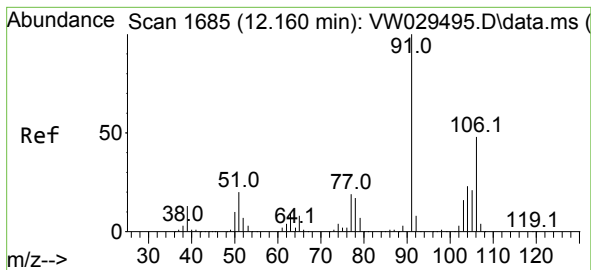
Tgt Ion: 91 Resp: 514923
Ion Ratio Lower Upper
91 100
106 28.8 20.2 37.6



#53
m,p-Xylene
Concen: 28.935 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion:106 Resp: 191852
Ion Ratio Lower Upper
106 100
91 208.4 149.3 277.3

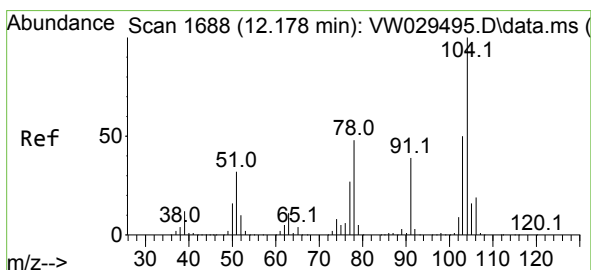
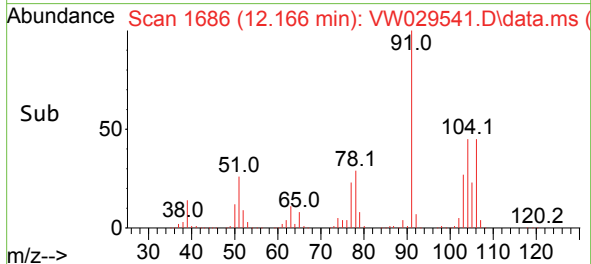
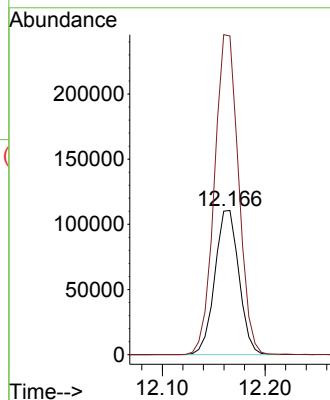
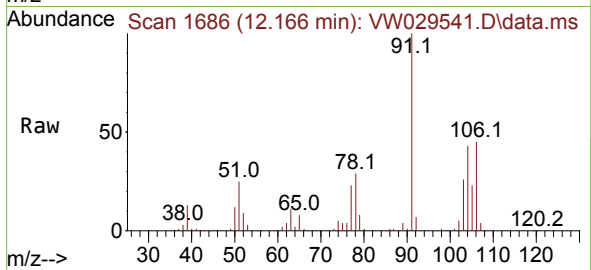




#54
o-Xylene
Concen: 29.376 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

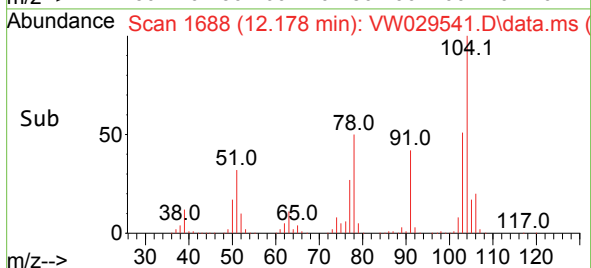
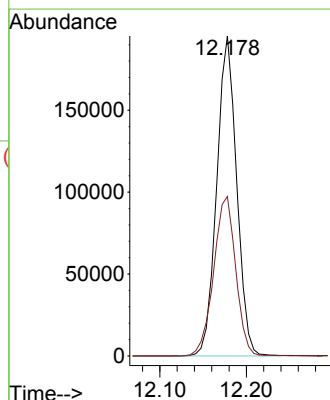
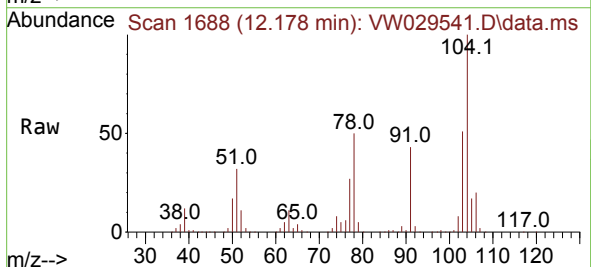
Instrument :
MSVOA_W
ClientSampleId :

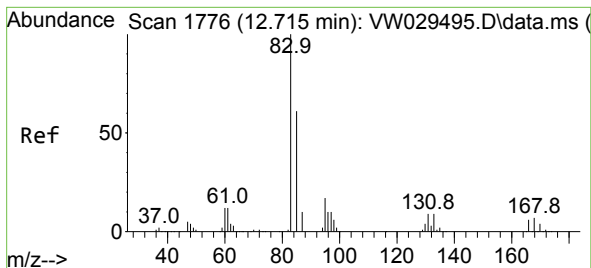
Tgt Ion:106 Resp: 180149
Ion Ratio Lower Upper
106 100
91 220.9 159.2 295.6



#55
Styrene
Concen: 28.923 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion:104 Resp: 311886
Ion Ratio Lower Upper
104 100
78 49.8 34.7 64.5

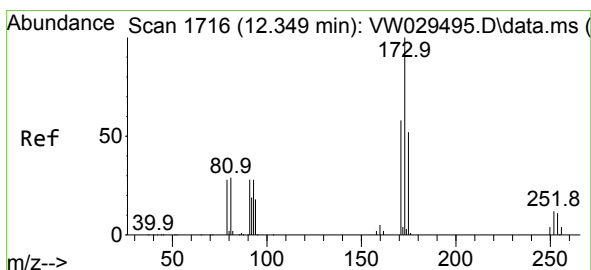
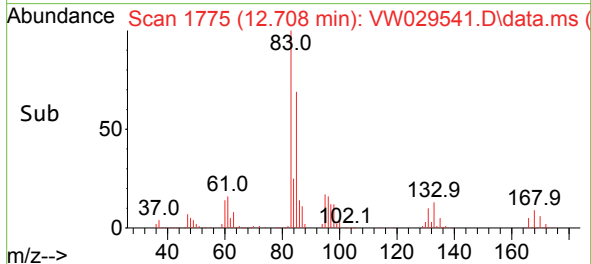
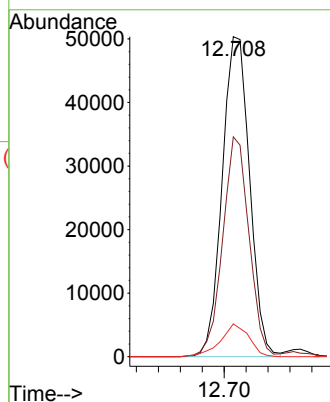
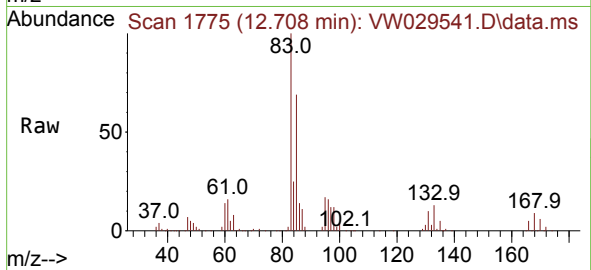




#57
1,1,2,2-Tetrachloroethane
Concen: 22.386 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

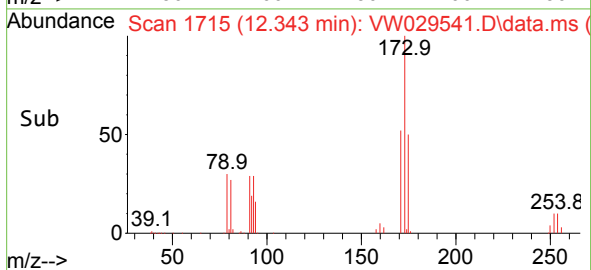
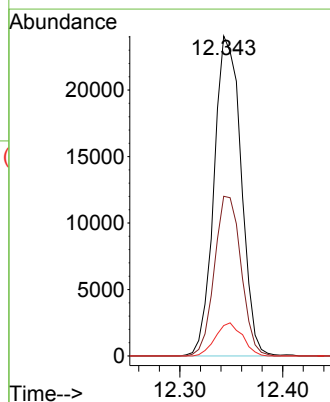
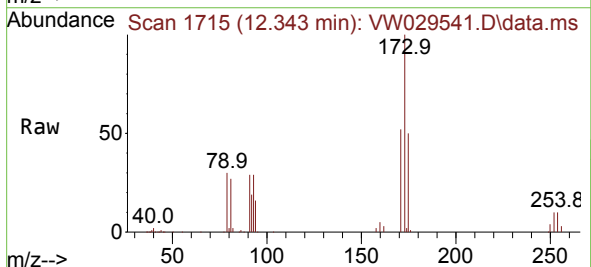
Instrument :
MSVOA_W
ClientSampleId :

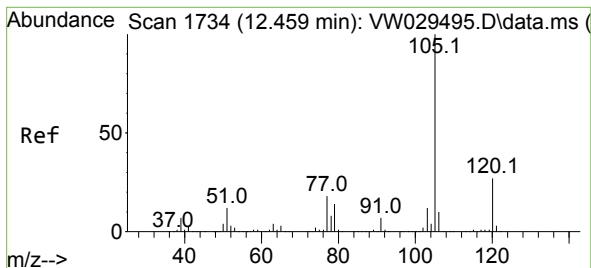
Tgt Ion: 83 Resp: 87509
Ion Ratio Lower Upper
83 100
85 68.7 45.4 84.4
131 10.3 6.4 9.6#



#59
Bromoform
Concen: 23.348 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

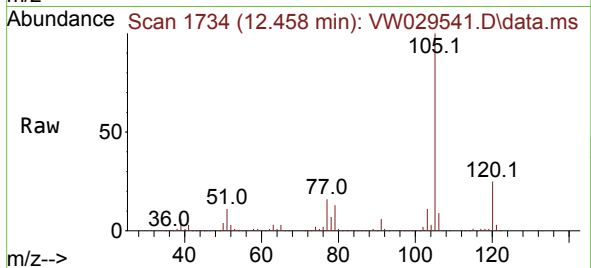
Tgt Ion:173 Resp: 43994
Ion Ratio Lower Upper
173 100
175 49.2 40.4 60.6
254 10.4 8.8 13.2



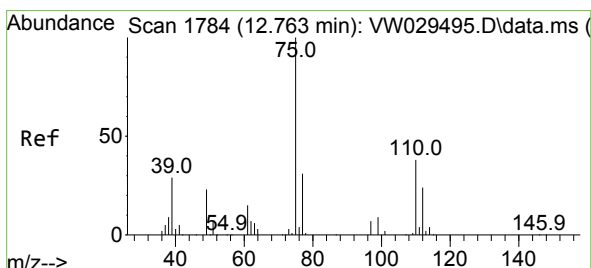
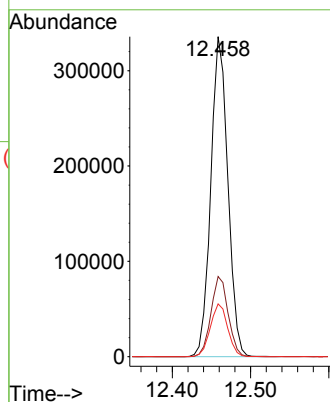
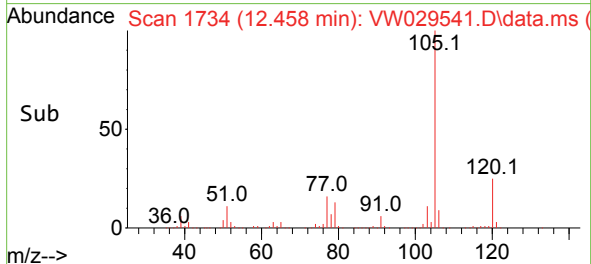


#60
Isopropylbenzene
Concen: 29.480 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

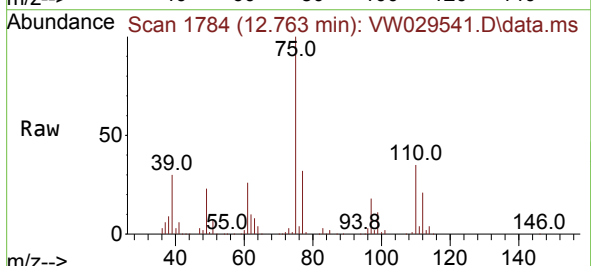
Instrument :
MSVOA_W
ClientSampleId :



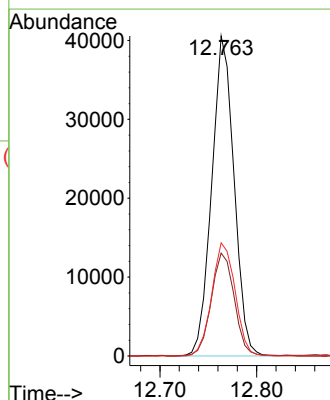
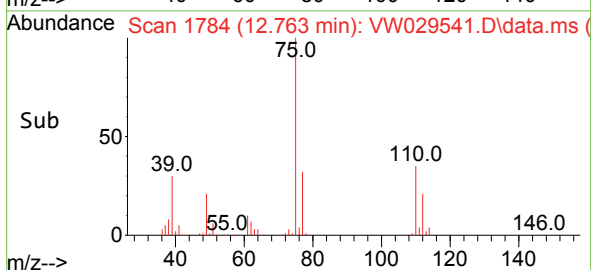
Tgt Ion:105 Resp: 506330
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.4
77 16.8 13.6 20.4

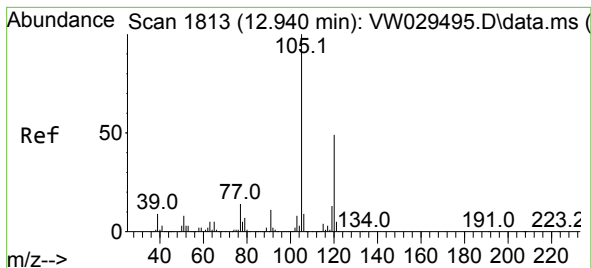


#61
1,2,3-Trichloropropane
Concen: 22.025 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34



Tgt Ion: 75 Resp: 65068
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3
110 37.1 29.1 43.7

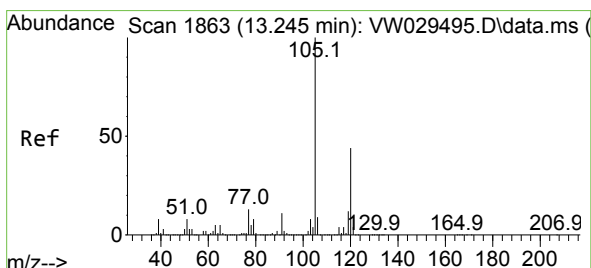
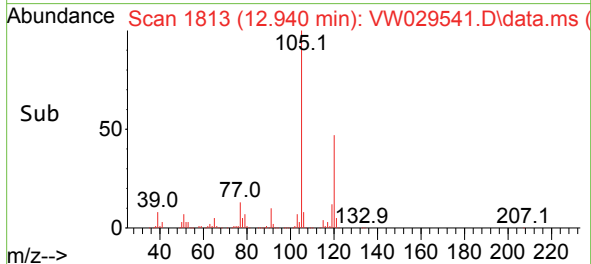
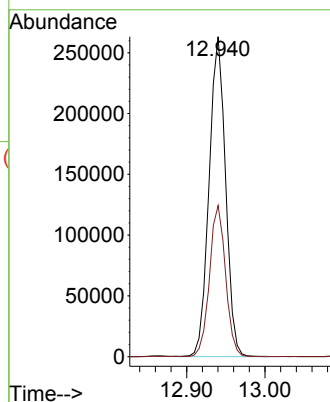
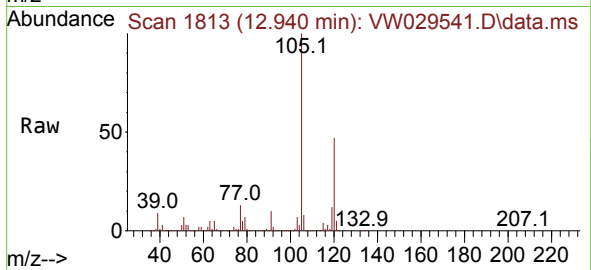




#62
1,3,5-Trimethylbenzene
Concen: 31.446 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

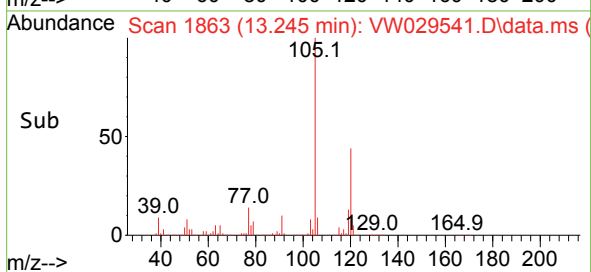
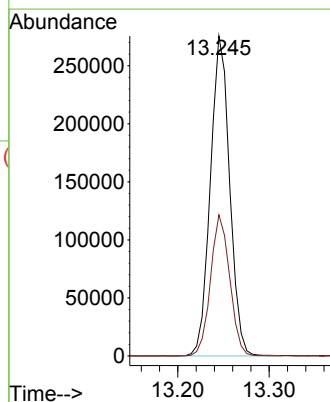
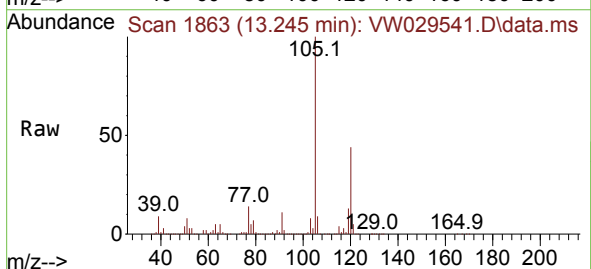
Instrument :
MSVOA_W
ClientSampleId :

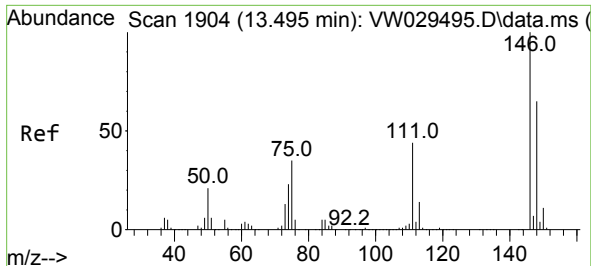
Tgt Ion:105 Resp: 384189
Ion Ratio Lower Upper
105 100
120 46.0 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 29.939 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

Tgt Ion:105 Resp: 403698
Ion Ratio Lower Upper
105 100
120 43.8 34.7 52.1

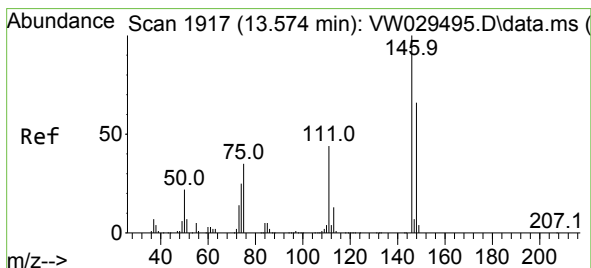
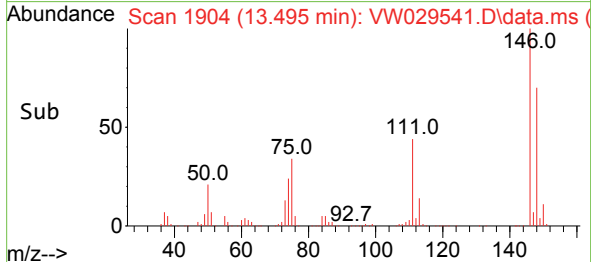
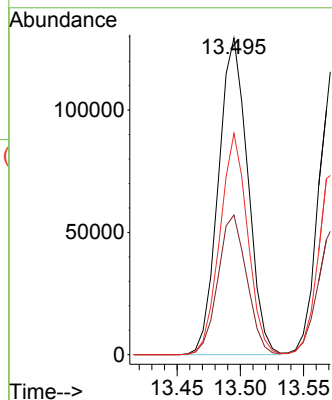
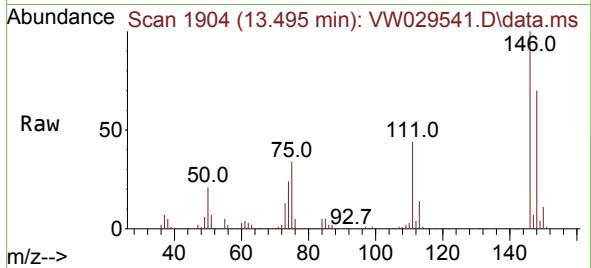




#64
1,3-Dichlorobenzene
Concen: 27.110 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

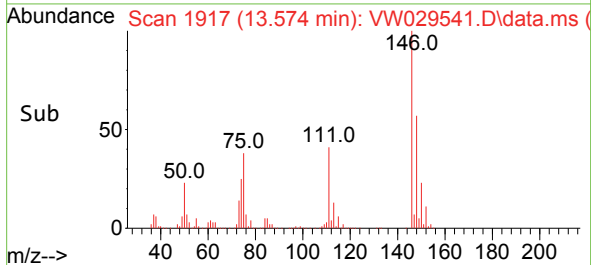
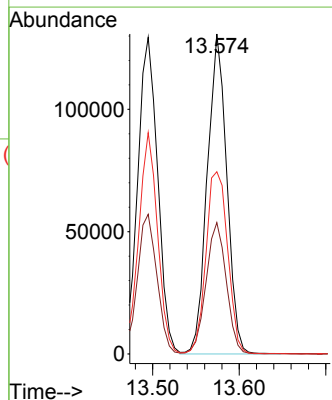
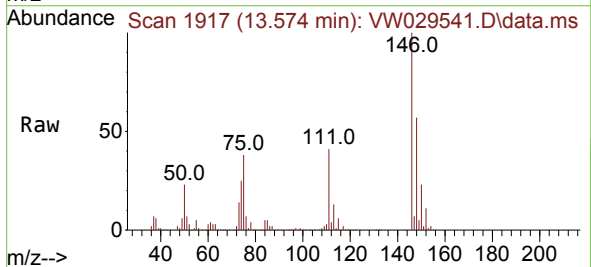
Instrument :
MSVOA_W
ClientSampleId :

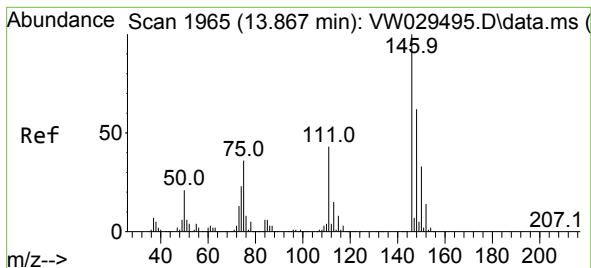
Tgt Ion:146 Resp: 208713
Ion Ratio Lower Upper
146 100
111 44.1 28.6 53.2
148 69.9 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 25.974 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

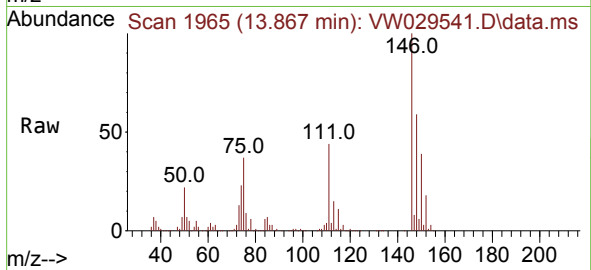
Tgt Ion:146 Resp: 204860
Ion Ratio Lower Upper
146 100
111 41.1 27.6 51.4
148 57.0 40.9 75.9



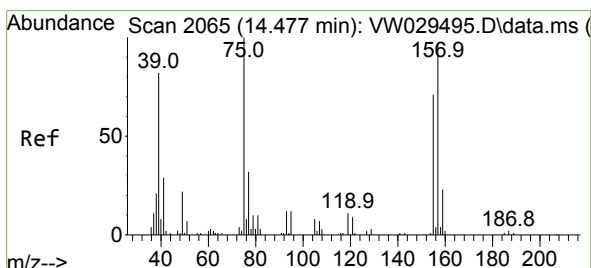
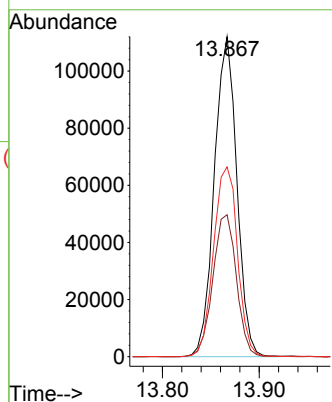
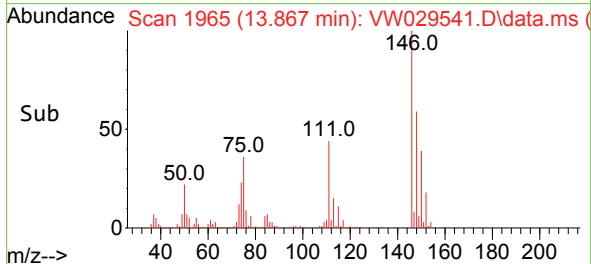


#67
1,2-Dichlorobenzene
Concen: 26.052 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34

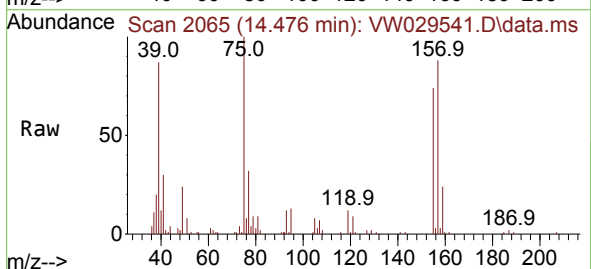
Instrument :
MSVOA_W
ClientSampleId :



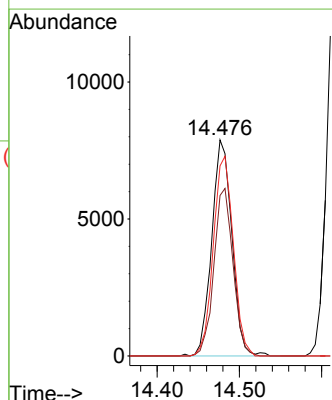
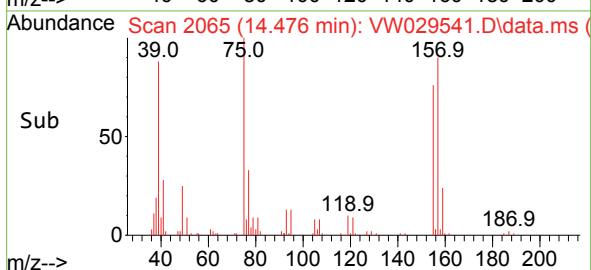
Tgt Ion:146 Resp: 181303
Ion Ratio Lower Upper
146 100
111 44.4 37.1 55.7
148 59.3 50.7 76.1

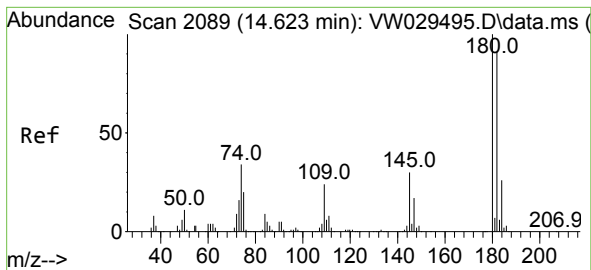


#68
1,2-Dibromo-3-chloropropane
Concen: 19.023 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029541.D
Acq: 12 Jul 2024 10:34



Tgt Ion: 75 Resp: 13435
Ion Ratio Lower Upper
75 100
155 74.3 51.2 76.8
157 88.0 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 27.172 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

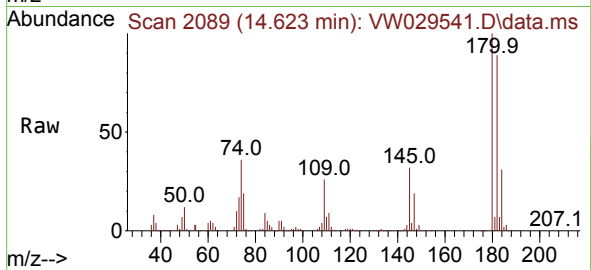
Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 136467

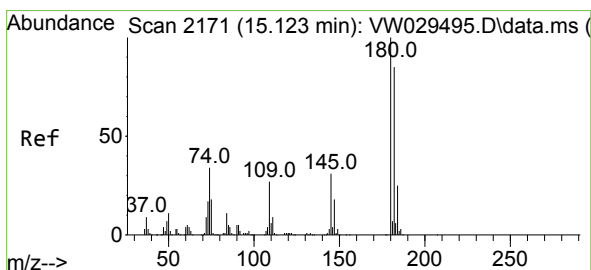
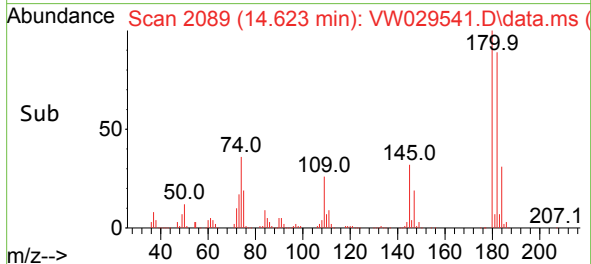
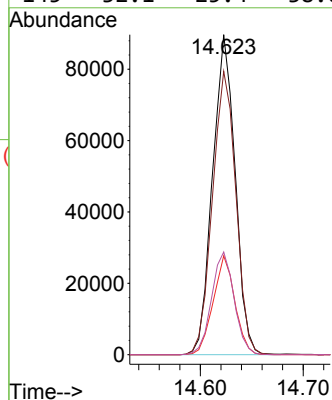
Ion Ratio Lower Upper

180 100

182 92.0 77.9 116.9

184 29.7 24.4 36.6

145 32.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 23.646 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

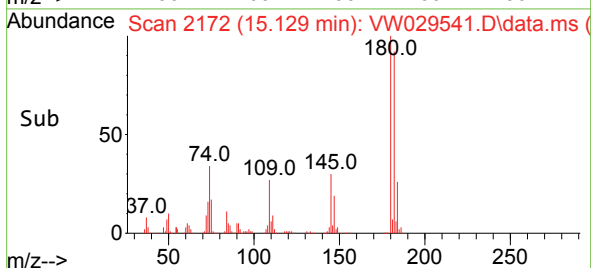
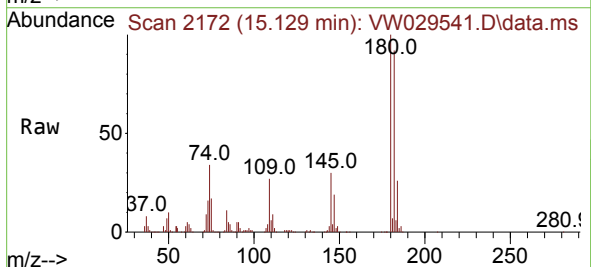
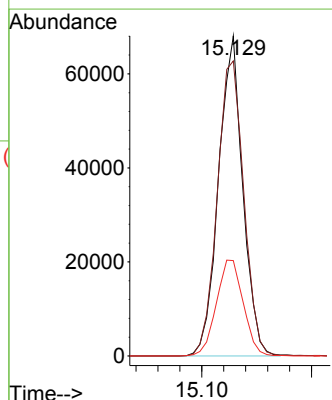
Tgt Ion:180 Resp: 104495

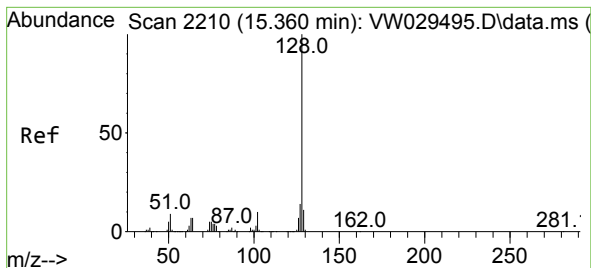
Ion Ratio Lower Upper

180 100

182 101.2 74.7 112.1

145 33.2 26.2 39.2





#71

Naphthalene

Concen: 21.031 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

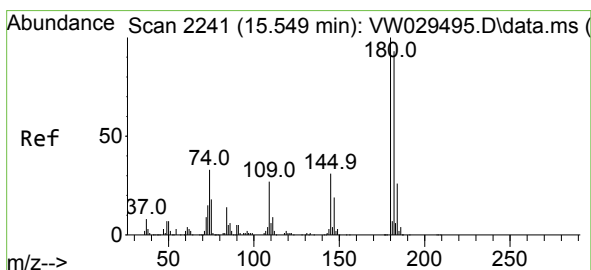
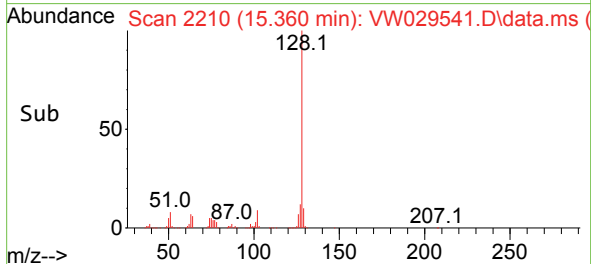
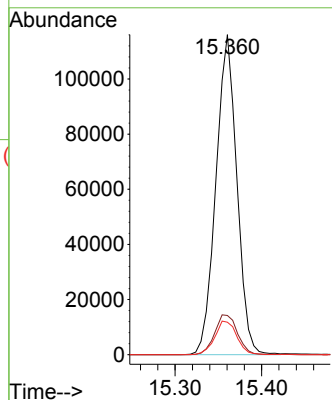
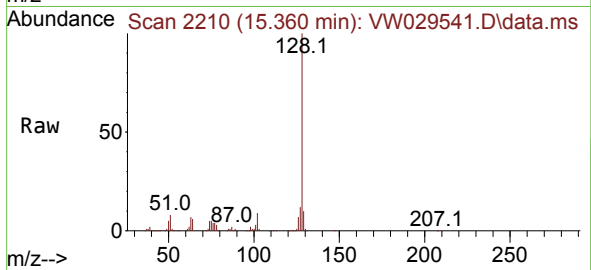
Tgt Ion:128 Resp: 195070

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.1 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 23.816 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029541.D

Acq: 12 Jul 2024 10:34

Tgt Ion:180 Resp: 95621

Ion Ratio Lower Upper

180 100

182 89.5 73.4 110.0

145 33.3 26.9 40.3

