

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072624\
 Data File : VW029763.D
 Acq On : 26 Jul 2024 19:52
 Operator : SY/MD
 Sample : P3361-11MS
 Misc : 9.04g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20P2MS

Quant Time: Jul 27 00:59:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 27 00:53:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	349618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	323865	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147020	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	46103	9.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	37.160%
7) Chloroethane-d5	2.893	69	46266	13.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.240%
11) 1,1-Dichloroethene-d2	4.021	65	26001	11.476	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.920%
21) 2-Butanone-d5	7.081	46	63136	46.410	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.820%
24) Chloroform-d	7.648	84	159409	17.613	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.440%
26) 1,2-Dichloroethane-d4	8.307	65	95307	18.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.960%
32) Benzene-d6	8.276	84	269065	15.376	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.520%
36) 1,2-Dichloropropane-d6	9.270	67	98133	17.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.240%
41) Toluene-d8	10.325	98	225328	14.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.920%
43) trans-1,3-Dichloroprop...	10.575	79	36110	15.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.880%
47) 2-Hexanone-d5	10.922	63	45229	49.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97316	23.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	84765	18.568	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.280%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85624	18.169	ug/L #	86
3) Chloromethane	2.229	50	99991	17.147	ug/L	97
5) Vinyl chloride	2.381	62	106140	16.244	ug/L	98
6) Bromomethane	2.783	94	59145	16.484	ug/L	97
8) Chloroethane	2.936	64	63932	17.199	ug/L	97
9) Trichlorofluoromethane	3.265	101	82526	15.812	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78682	15.136	ug/L #	77
12) 1,1-Dichloroethene	4.045	96	76319	15.979	ug/L	99
13) Acetone	4.125	43	48241	28.534	ug/L	99
14) Carbon disulfide	4.393	76	260849	16.411	ug/L	98
15) Methyl Acetate	4.667	43	51617	18.330	ug/L	98
16) Methylene chloride	4.923	84	101037	13.824	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	88128	17.122	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	160073	18.870	ug/L	97
19) 1,1-Dichloroethane	6.222	63	185464	17.085	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	97165	17.404	ug/L	92
22) 2-Butanone	7.173	43	72798	33.606	ug/L	100
23) Bromochloromethane	7.508	128	41978	17.711	ug/L	95
25) Chloroform	7.679	83	178492	17.452	ug/L	99

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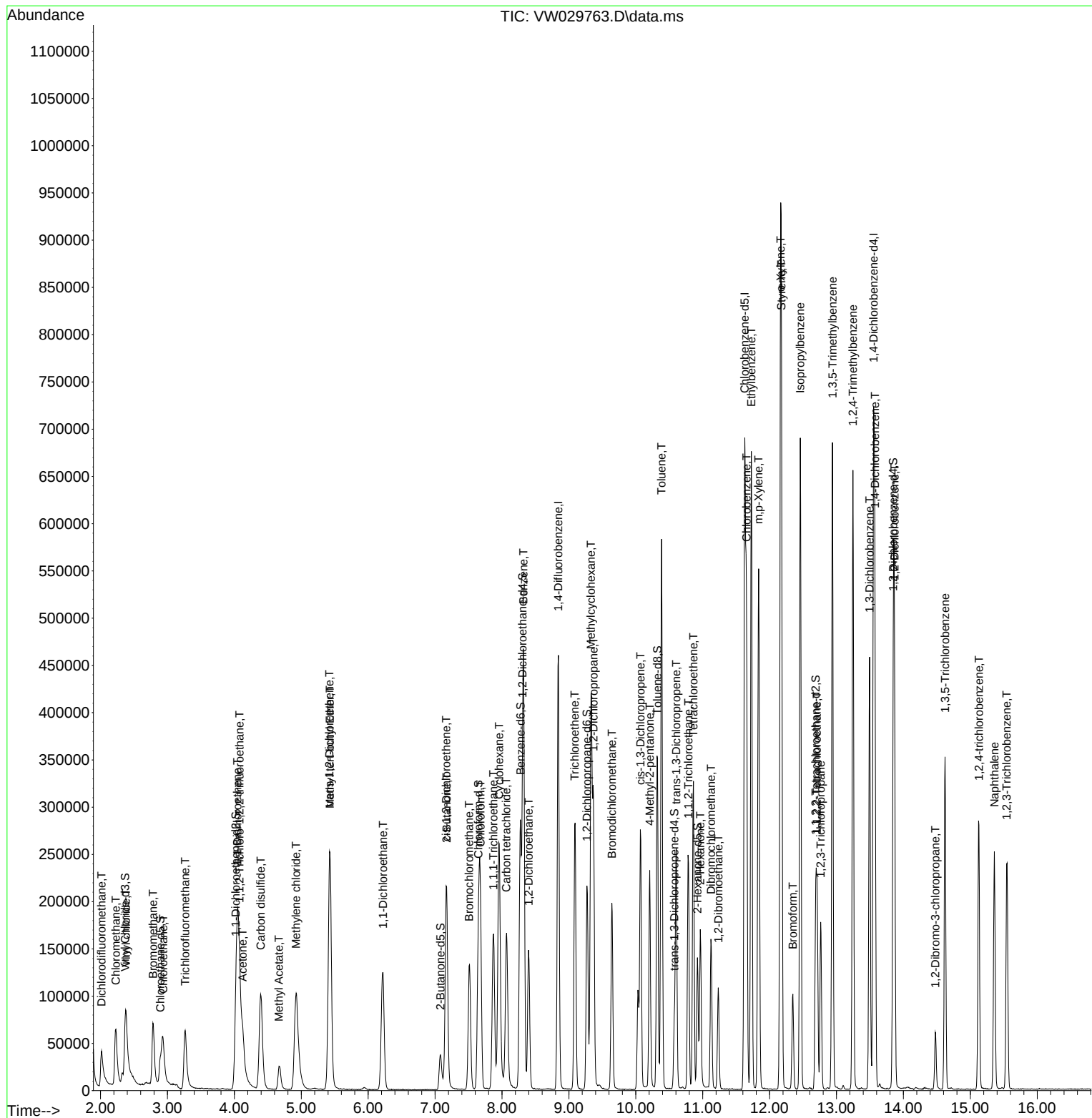
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137440	18.440	ug/L	100
29) Cyclohexane	7.959	56	157282	17.089	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	135965	16.578	ug/L	98
31) Carbon tetrachloride	8.063	117	123920	16.768	ug/L	98
33) Benzene	8.319	78	383940	17.302	ug/L	100
34) Trichloroethene	9.087	95	100073	17.203	ug/L	97
35) Methylcyclohexane	9.331	83	152338	15.716	ug/L	94
37) 1,2-Dichloropropane	9.368	63	109652	18.032	ug/L	99
38) Bromodichloromethane	9.642	83	128787	17.785	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	155025	17.505	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	155379	40.227	ug/L	99
42) Toluene	10.386	91	398134	17.577	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	131734	17.918	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	74890	18.332	ug/L	98
46) Tetrachloroethene	10.861	164	66562	15.743	ug/L	93
48) 2-Hexanone	10.965	43	112070	38.740	ug/L	99
49) Dibromochloromethane	11.123	129	79803	18.817	ug/L	97
50) 1,2-Dibromoethane	11.233	107	69130	18.289	ug/L #	94
51) Chlorobenzene	11.654	112	241412	17.135	ug/L	98
52) Ethylbenzene	11.727	91	446601	17.479	ug/L	98
53) m,p-Xylene	11.837	106	161662	17.204	ug/L	93
54) o-Xylene	12.166	106	154981	17.910	ug/L	96
55) Styrene	12.178	104	269355	17.958	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	93904	18.728	ug/L	98
59) Bromoform	12.349	173	43555	19.688	ug/L	97
60) Isopropylbenzene	12.458	105	421234	18.516	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71084	19.880	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	345593	20.437	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	336588	18.612	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	169351	17.447	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	170475	17.098	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	155356	17.580	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15813	19.477	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	96698	14.561	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	84547	15.111	ug/L	94
71) Naphthalene	15.360	128	190117	17.809	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	77215	15.248	ug/L	98

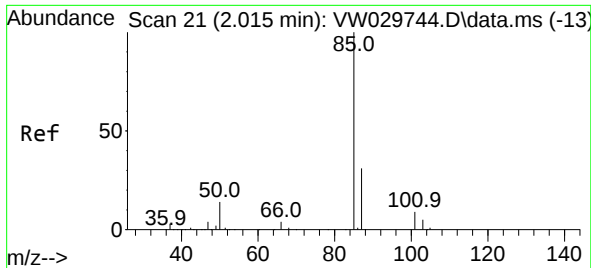
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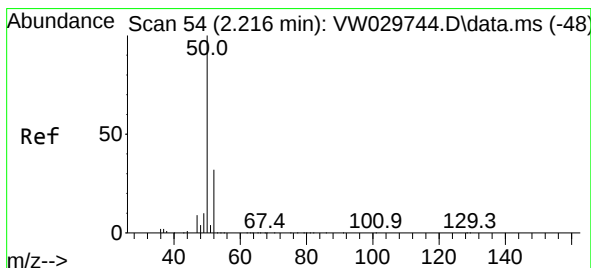
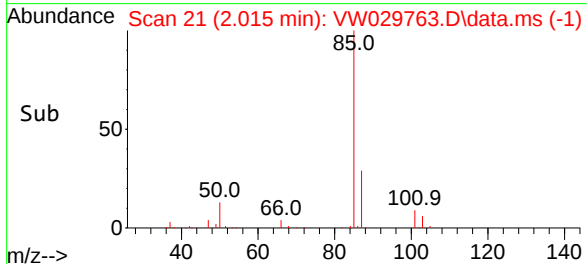
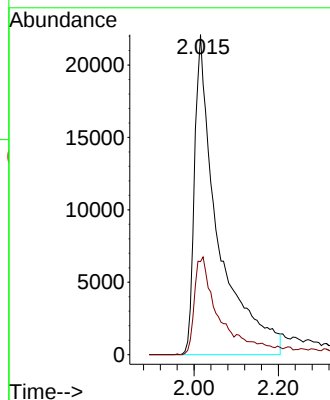
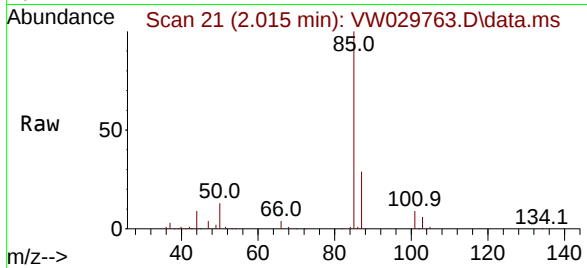




#2
Dichlorodifluoromethane
Concen: 18.169 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

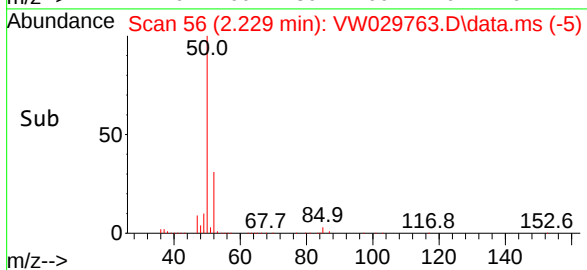
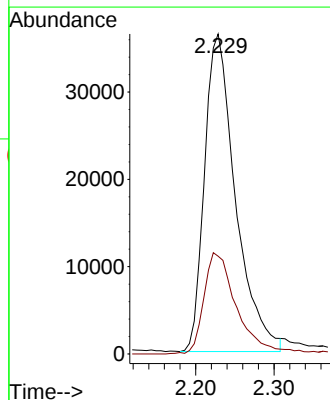
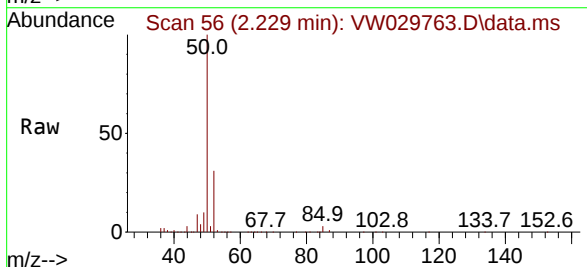
Instrument :
MSVOA_W
ClientSampleId :
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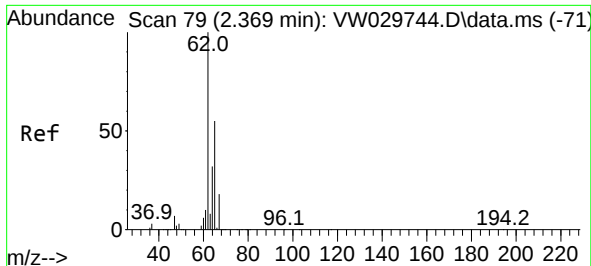
Tgt Ion: 85 Resp: 85624
Ion Ratio Lower Upper
85 100
87 24.0 25.5 38.3#



#3
Chloromethane
Concen: 17.147 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.012 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion: 50 Resp: 99991
Ion Ratio Lower Upper
50 100
52 30.6 22.5 41.9

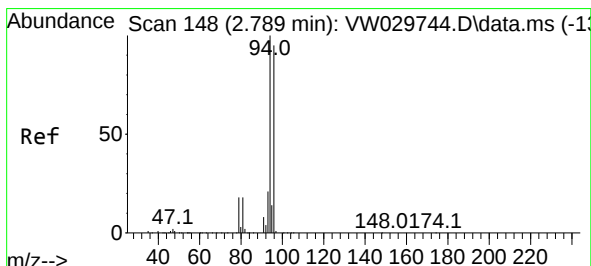
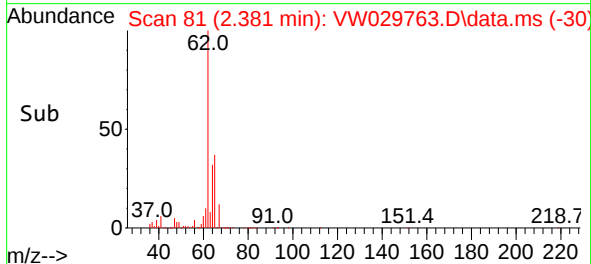
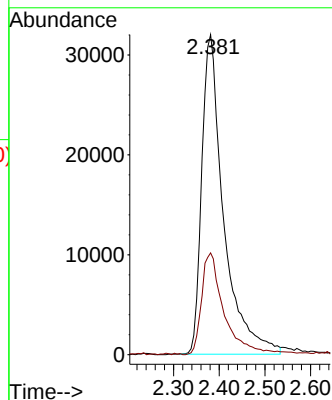
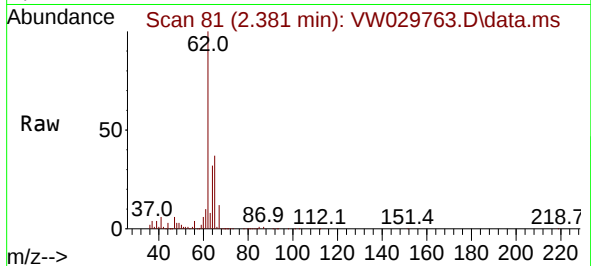




#5
 Vinyl chloride
 Concen: 16.244 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VW029763.D
 Acq: 26 Jul 2024 19:52

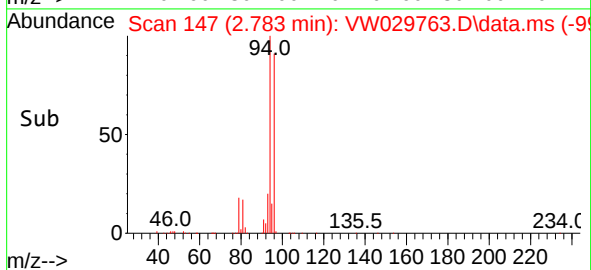
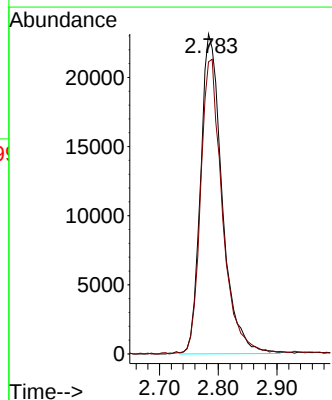
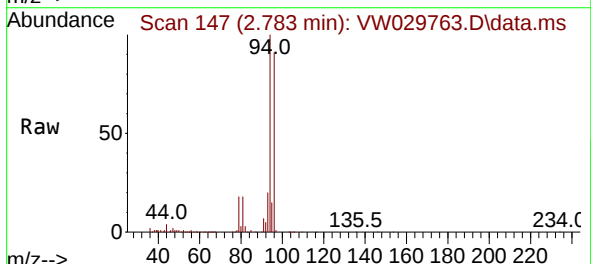
Instrument :
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 ClientSampleId :
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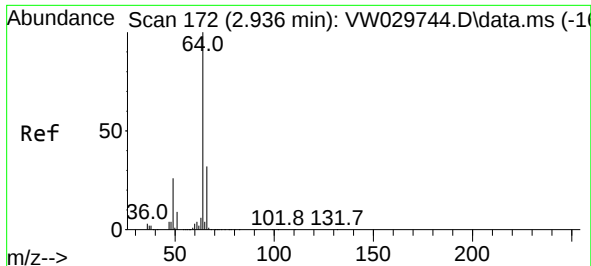
Tgt Ion: 62 Resp: 106140
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.2 43.2



#6
 Bromomethane
 Concen: 16.484 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029763.D
 Acq: 26 Jul 2024 19:52

Tgt Ion: 94 Resp: 59145
 Ion Ratio Lower Upper
 94 100
 96 91.3 66.2 123.0

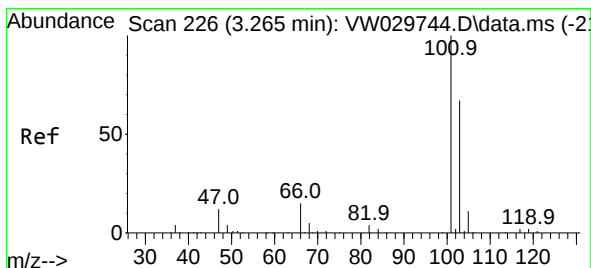
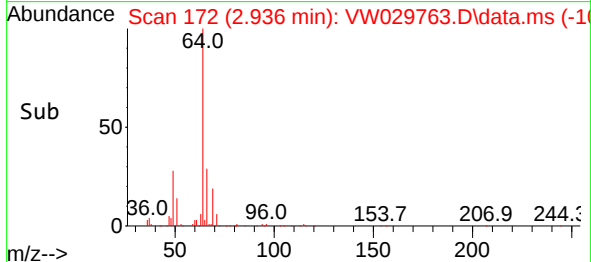
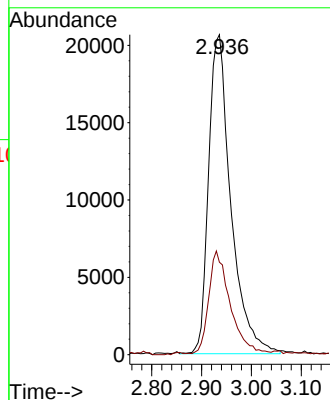
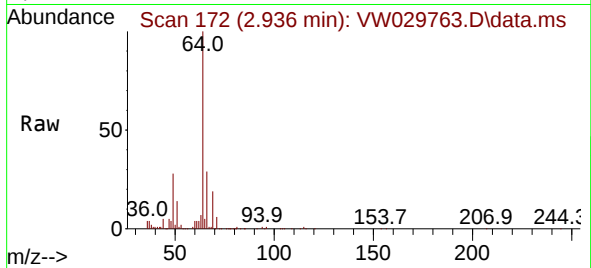




#8
Chloroethane
Concen: 17.199 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

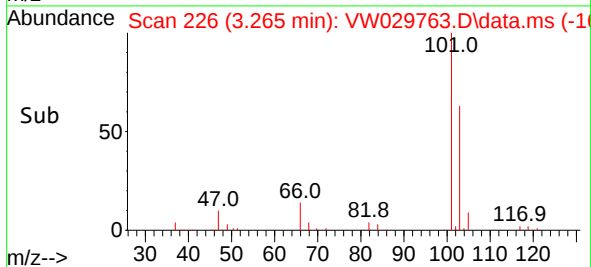
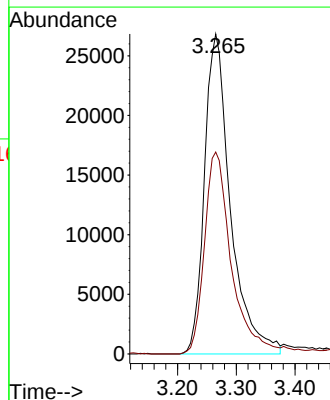
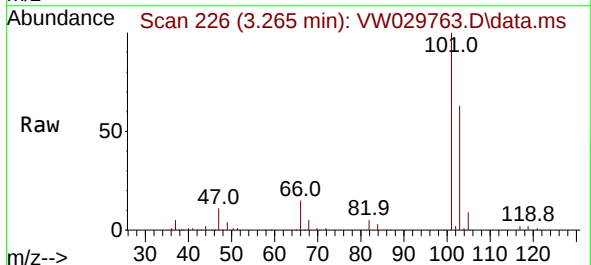
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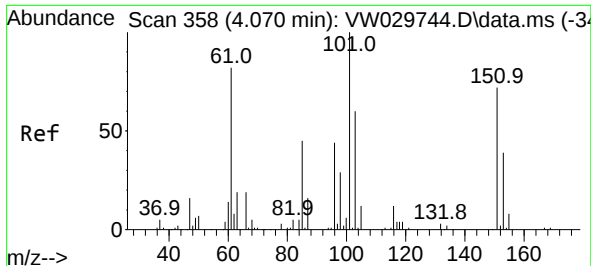
Tgt Ion: 64 Resp: 63932
Ion Ratio Lower Upper
64 100
66 28.9 21.2 39.4



#9
Trichlorofluoromethane
Concen: 15.812 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion:101 Resp: 82526
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4

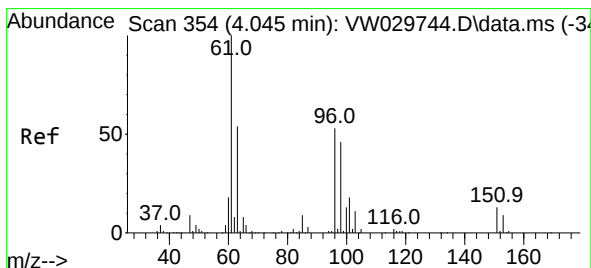
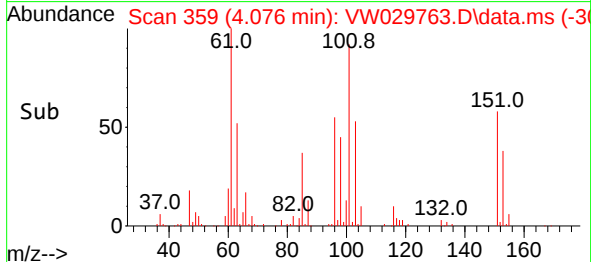
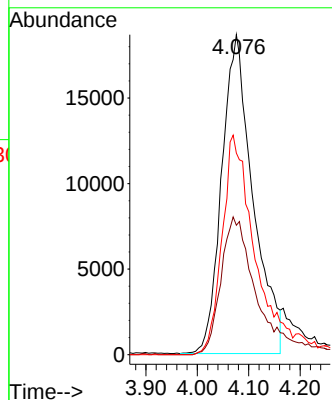
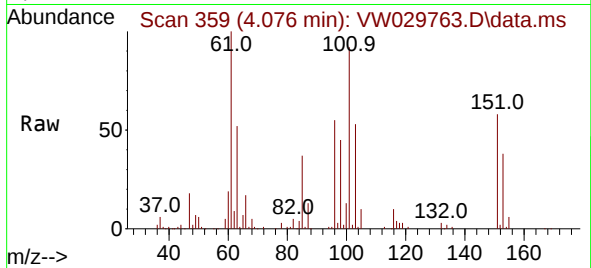




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.136 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029763.D
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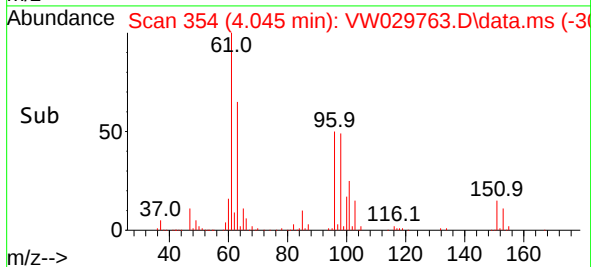
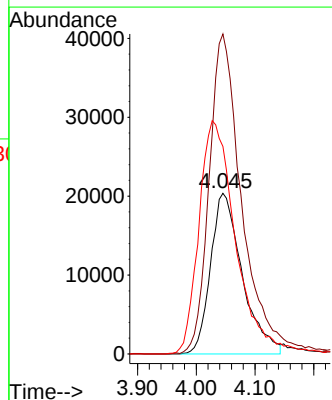
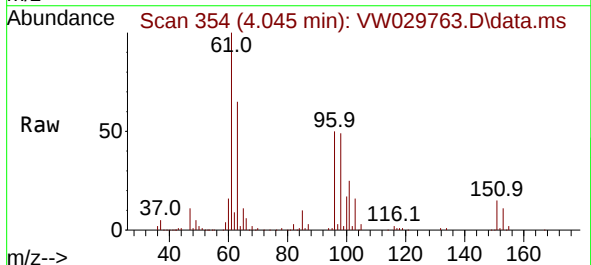
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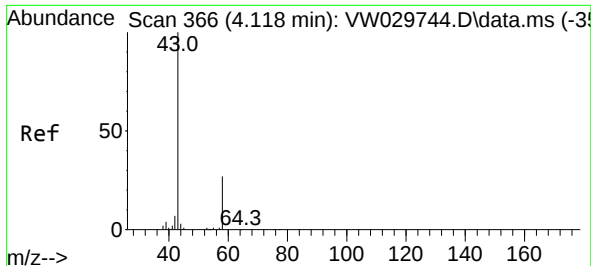
Tgt Ion:101 Resp: 78682
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.2 51.4
 151 38.2 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 15.979 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW029763.D
 Acq: 26 Jul 2024 19:52

Tgt Ion: 96 Resp: 76319
 Ion Ratio Lower Upper
 96 100
 61 199.1 138.3 256.9
 63 129.2 89.0 165.4





#13

Acetone

Concen: 28.534 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

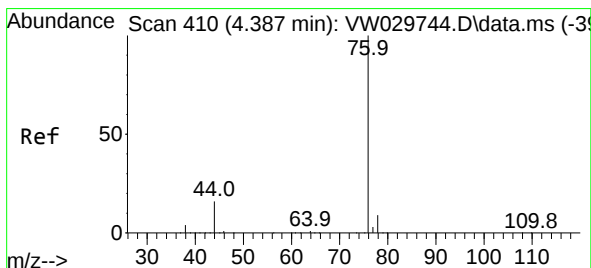
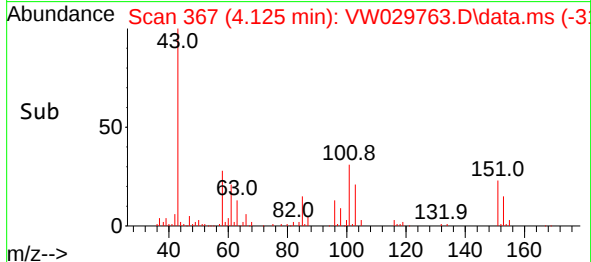
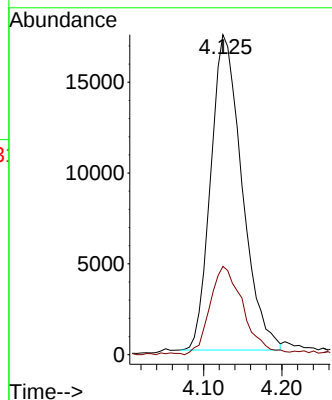
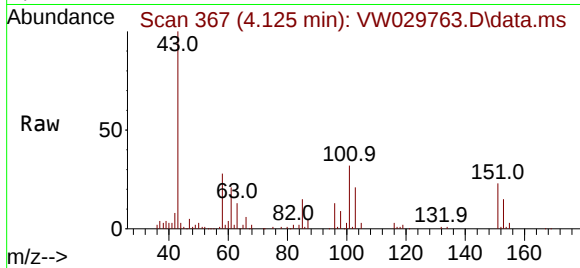
E20P2MS

Tgt Ion: 43 Resp: 48241

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.6



#14

Carbon disulfide

Concen: 16.411 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

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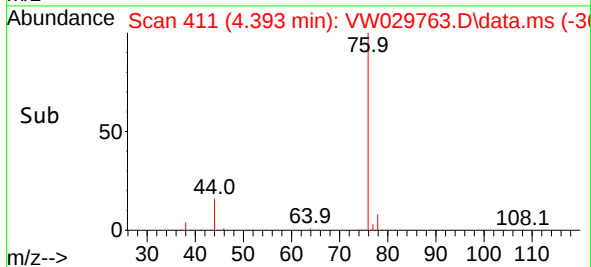
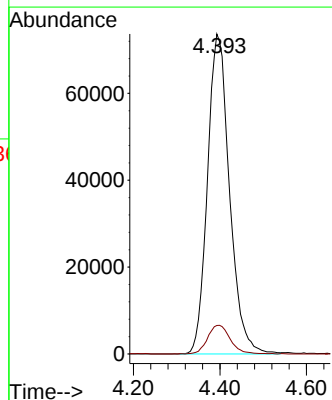
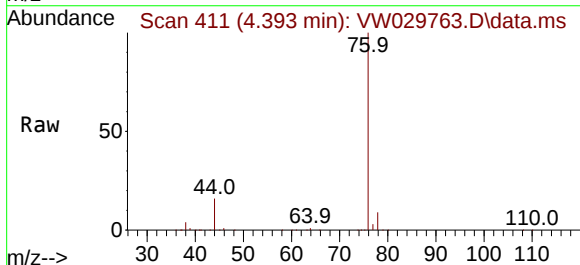
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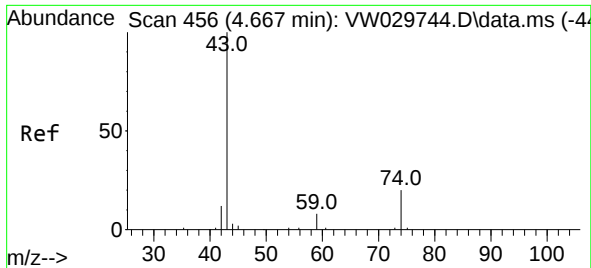
Tgt Ion: 76 Resp: 260849

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4

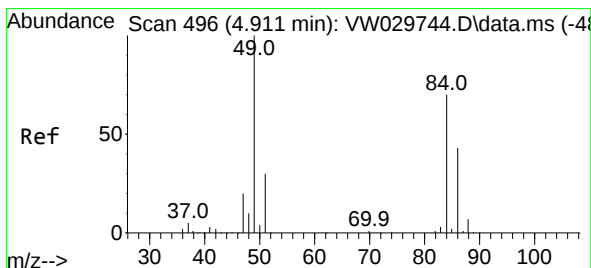
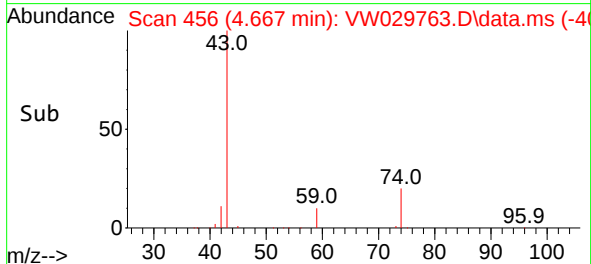
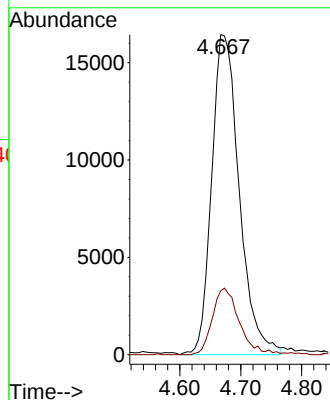
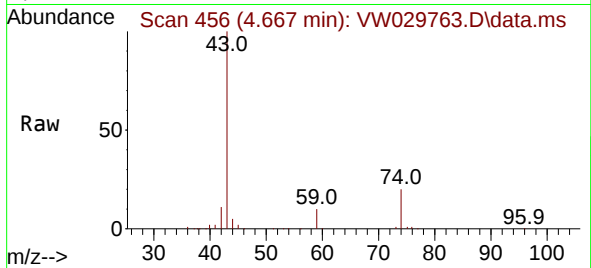




#15
Methyl Acetate
Concen: 18.330 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

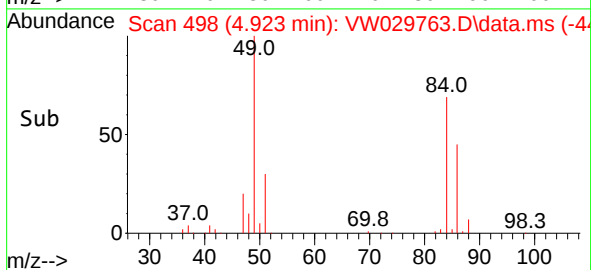
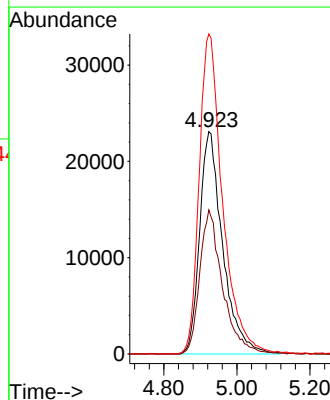
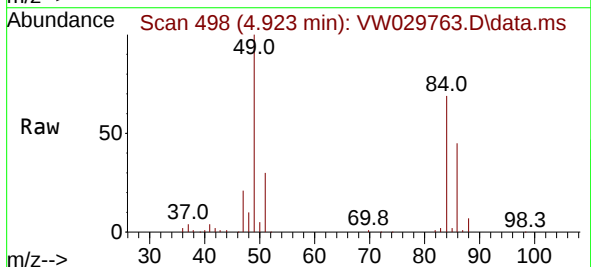
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

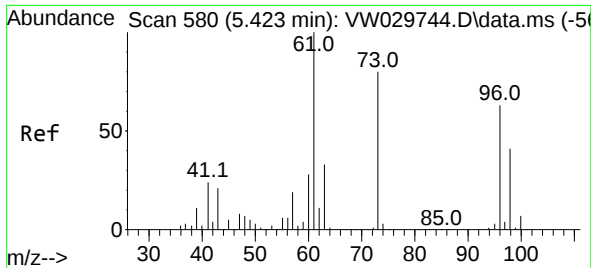
Tgt Ion: 43 Resp: 51617
Ion Ratio Lower Upper
43 100
74 19.8 16.5 24.7



#16
Methylene chloride
Concen: 13.824 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion: 84 Resp: 101037
Ion Ratio Lower Upper
84 100
86 64.8 44.7 82.9
49 143.9 99.0 184.0

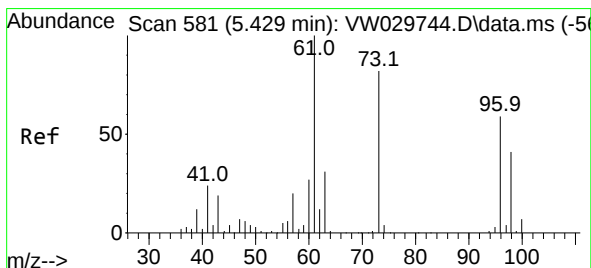
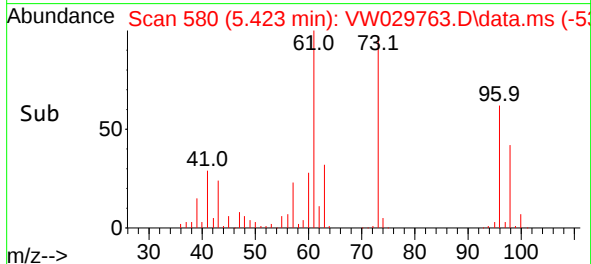
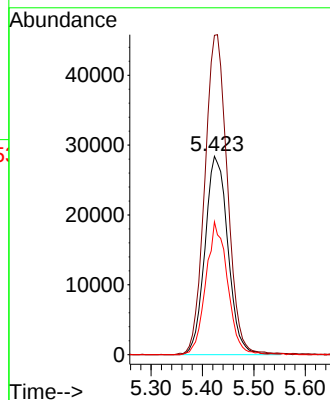
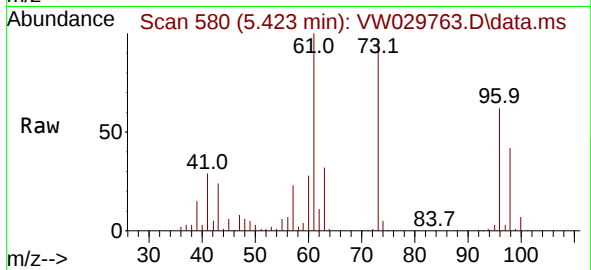




#17
trans-1,2-Dichloroethene
Concen: 17.122 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

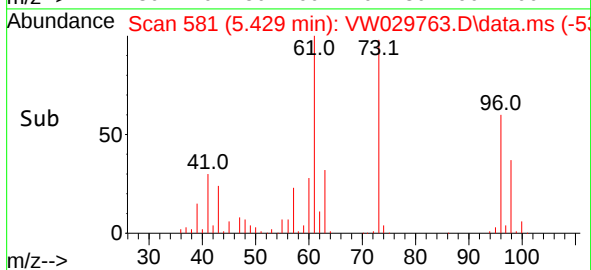
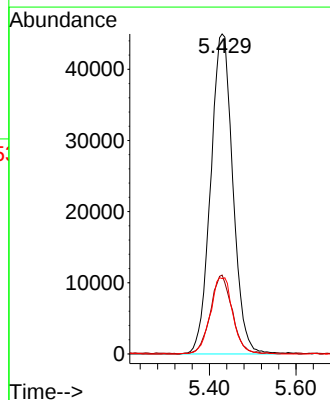
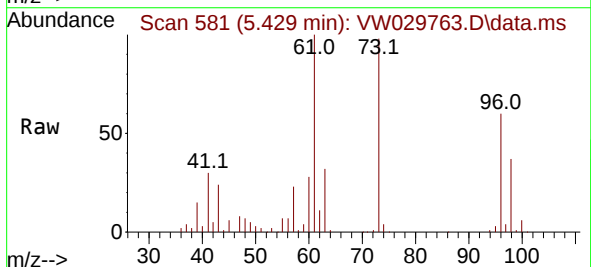
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

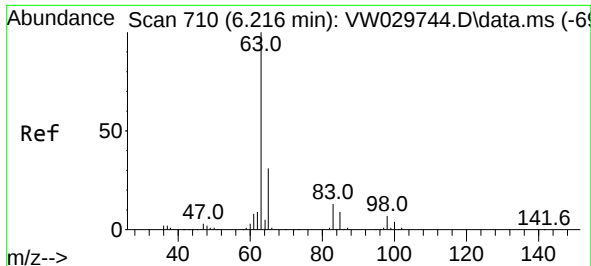
Tgt Ion: 96 Resp: 88128
Ion Ratio Lower Upper
96 100
61 161.1 111.2 206.6
98 66.9 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 18.870 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion: 73 Resp: 160073
Ion Ratio Lower Upper
73 100
43 23.8 18.3 27.5
57 24.2 17.9 26.9

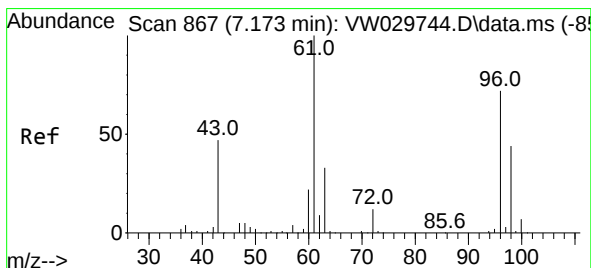
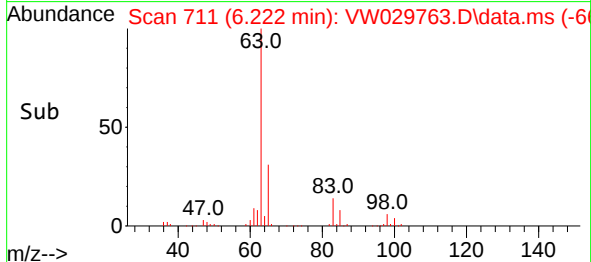
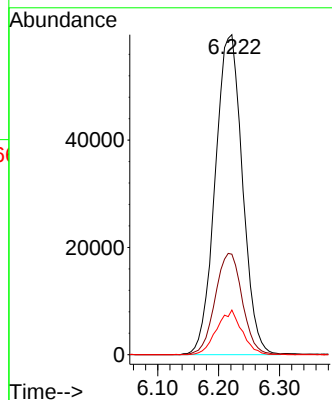
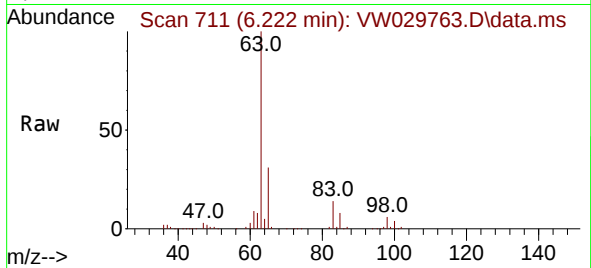




#19
1,1-Dichloroethane
Concen: 17.085 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

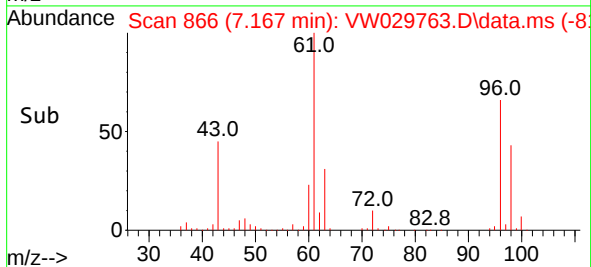
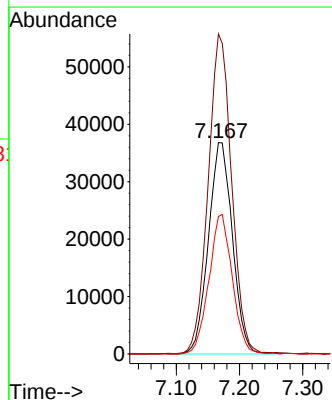
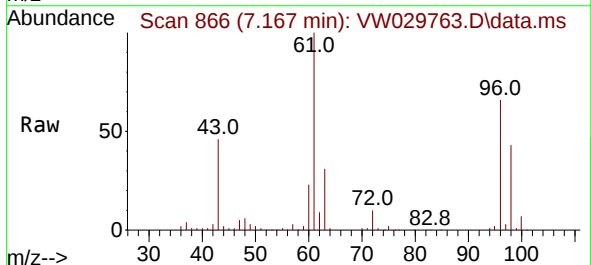
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

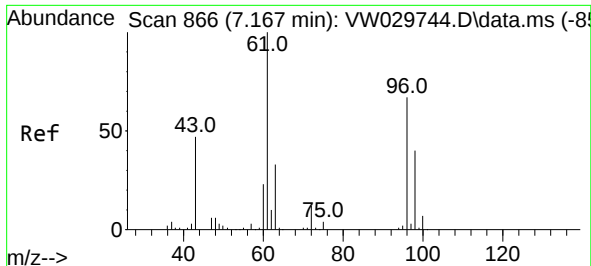
Tgt Ion: 63 Resp: 185464
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.3
83 13.9 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 17.404 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion: 96 Resp: 97165
Ion Ratio Lower Upper
96 100
61 151.4 98.2 182.4
98 65.1 41.9 77.9

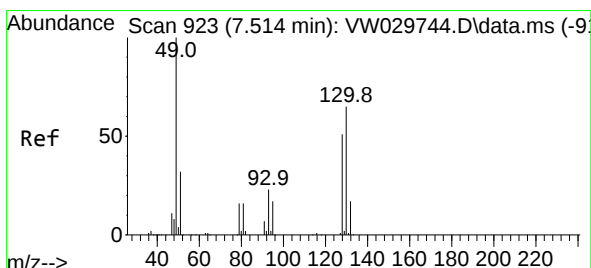
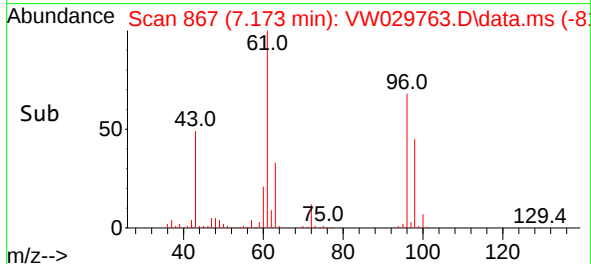
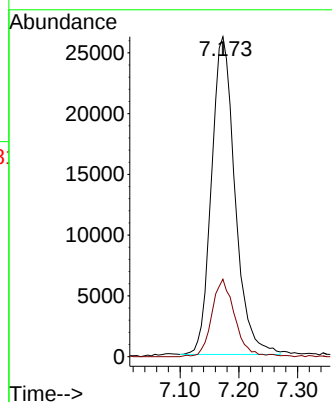
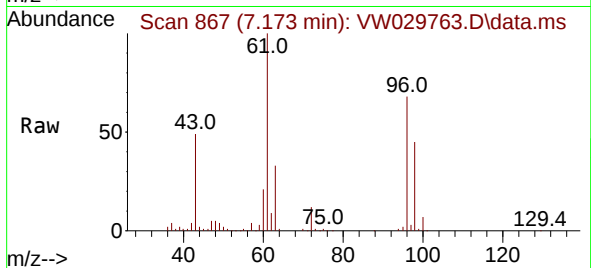




#22
2-Butanone
Concen: 33.606 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

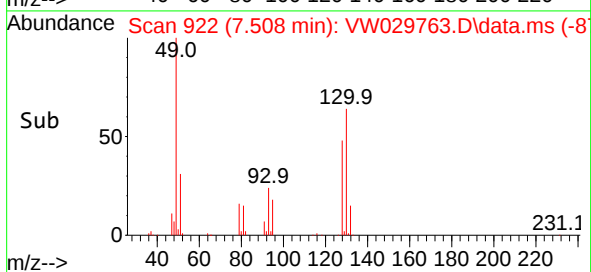
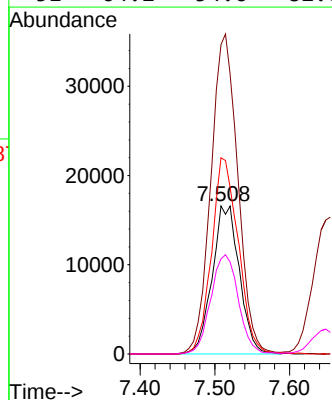
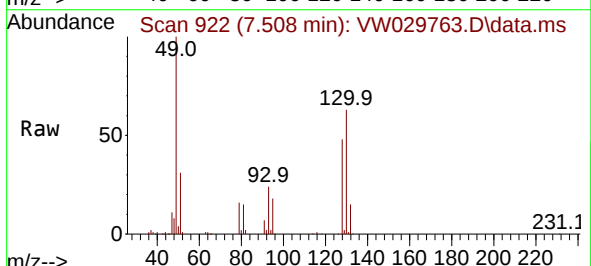
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

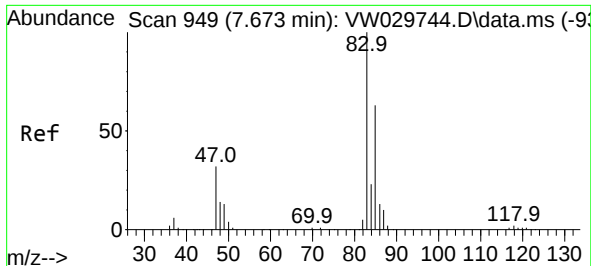
Tgt Ion: 43 Resp: 72798
Ion Ratio Lower Upper
43 100
72 23.4 11.7 35.1



#23
Bromochloromethane
Concen: 17.711 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion: 128 Resp: 41978
Ion Ratio Lower Upper
128 100
49 208.9 151.1 280.7
130 132.5 96.8 179.8
51 64.2 54.6 82.0





#25

Chloroform

Concen: 17.452 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

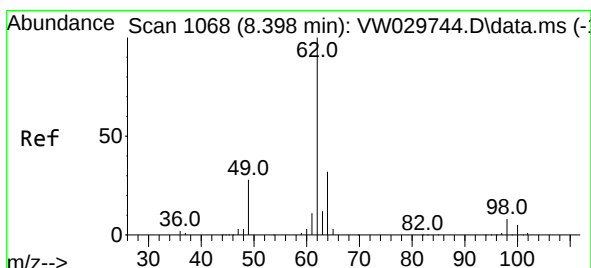
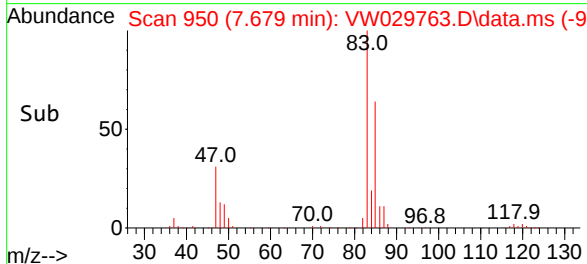
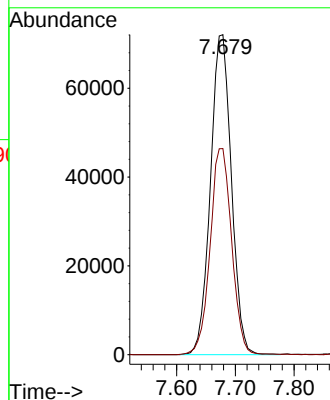
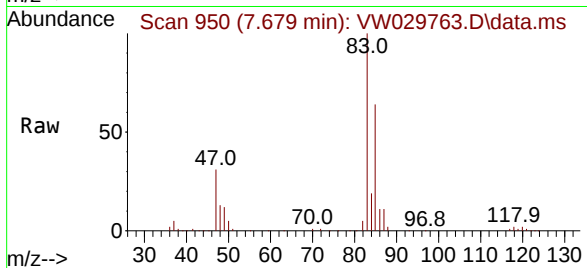
E20P2MS

Tgt Ion: 83 Resp: 178492

Ion Ratio Lower Upper

83 100

85 64.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 18.440 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029763.D

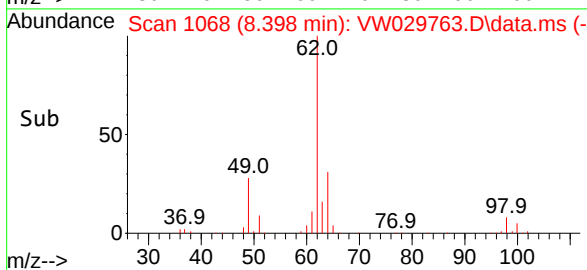
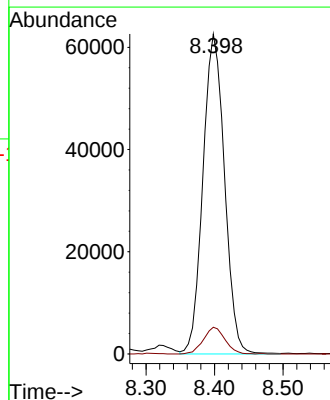
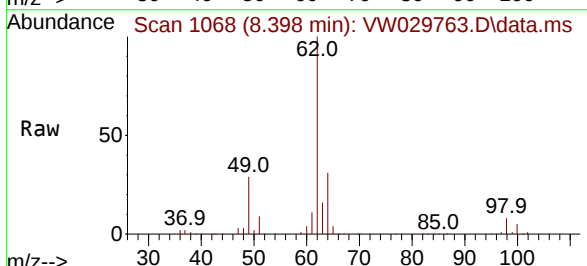
Acq: 26 Jul 2024 19:52

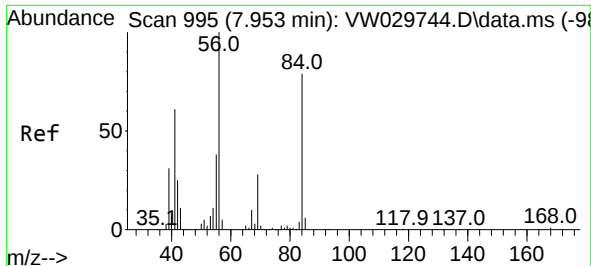
Tgt Ion: 62 Resp: 137440

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 17.089 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

E20P2MS

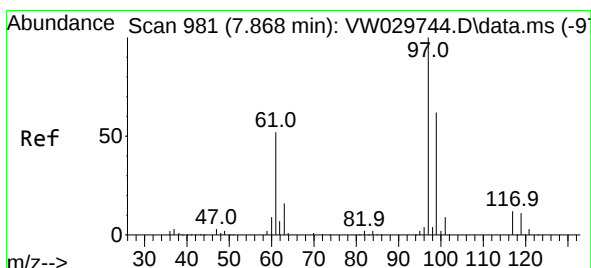
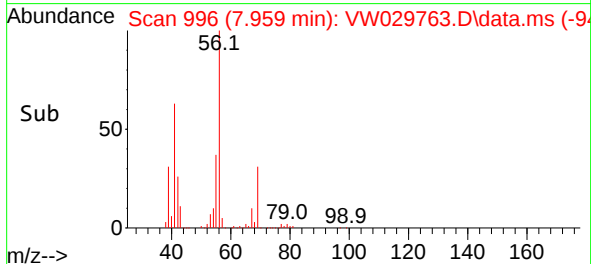
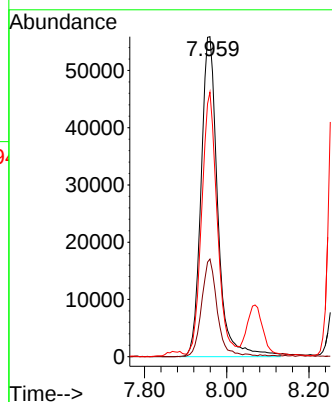
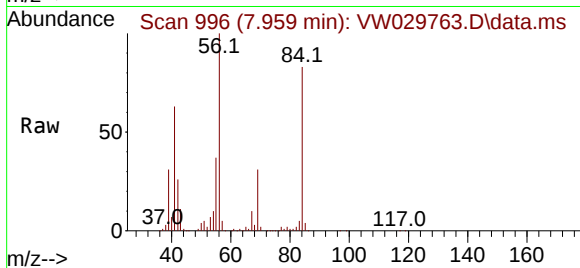
Tgt Ion: 56 Resp: 157282

Ion Ratio Lower Upper

56 100

69 28.2 23.0 34.4

84 77.2 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 16.578 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

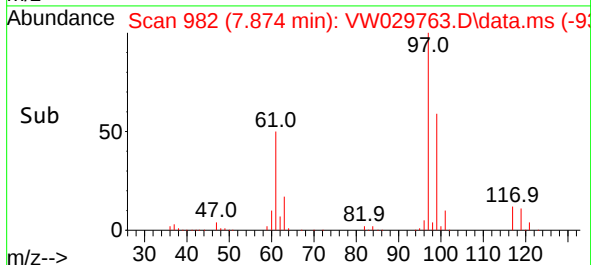
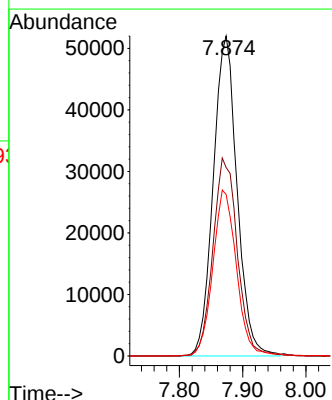
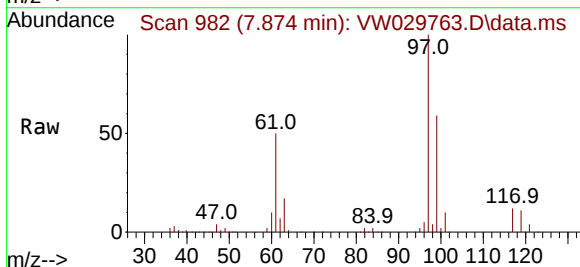
Tgt Ion: 97 Resp: 135965

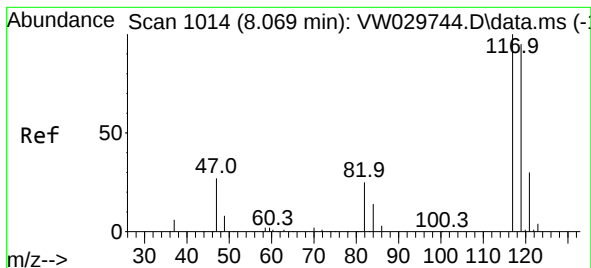
Ion Ratio Lower Upper

97 100

99 63.0 52.1 78.1

61 51.6 42.6 63.8

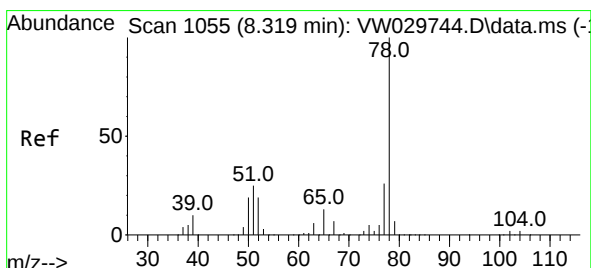
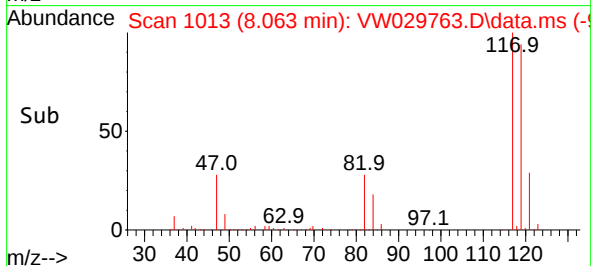
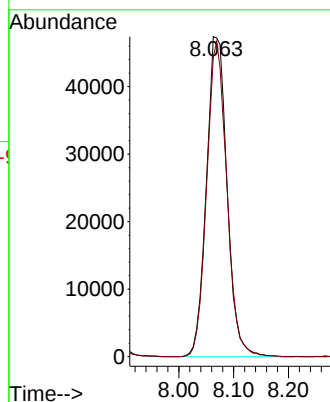
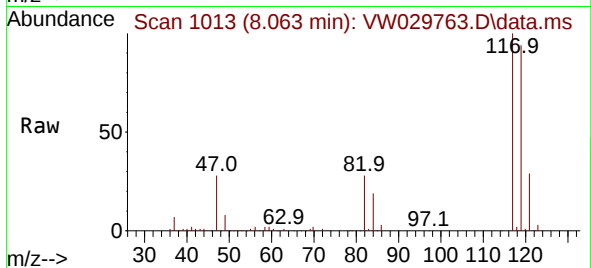




#31
Carbon tetrachloride
Concen: 16.768 ug/L
RT: 8.063 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

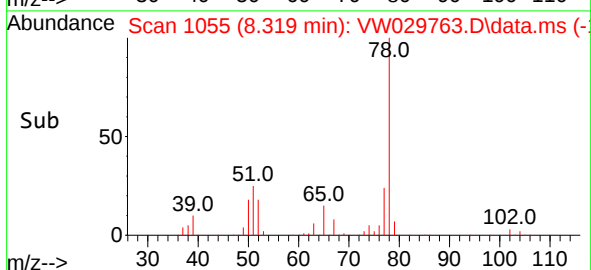
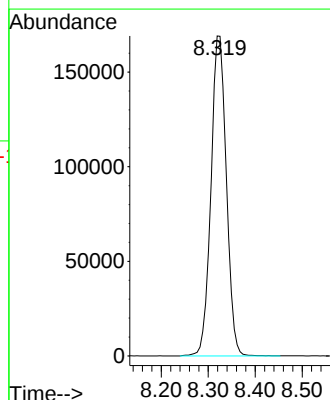
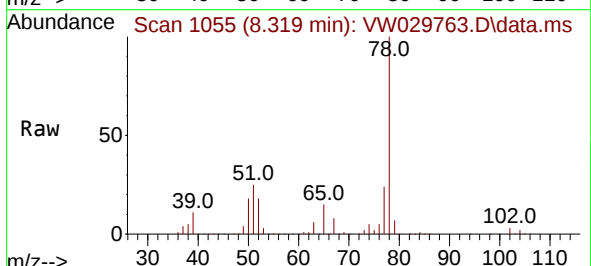
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

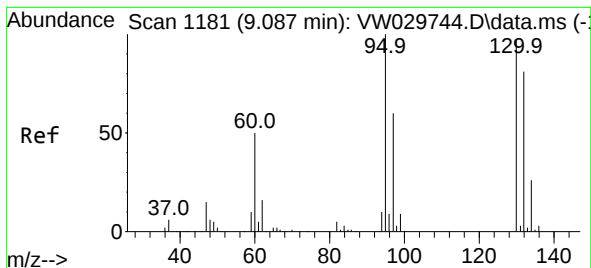
Tgt Ion:117 Resp: 123920
Ion Ratio Lower Upper
117 100
119 95.7 74.8 112.2



#33
Benzene
Concen: 17.302 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion: 78 Resp: 383940





#34

Trichloroethene

Concen: 17.203 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

E20P2MS

Tgt Ion: 95 Resp: 100073

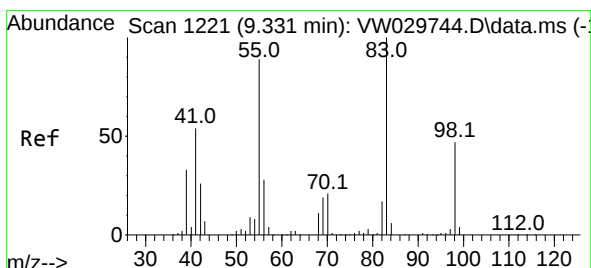
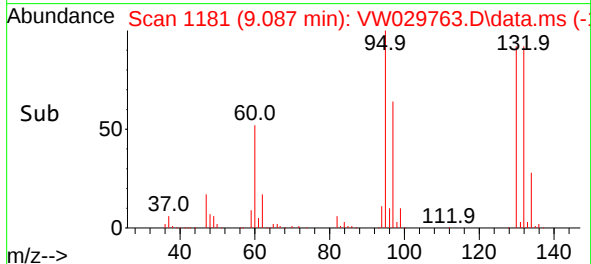
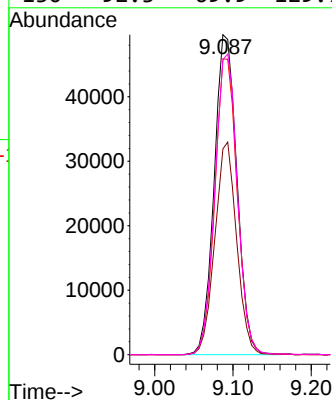
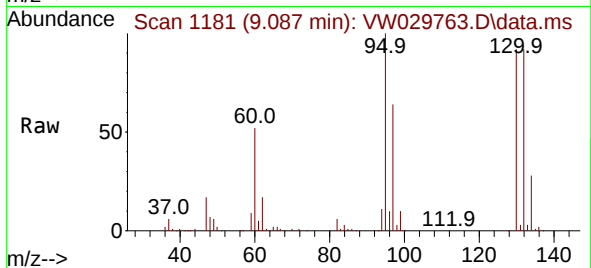
Ion Ratio Lower Upper

95 100

97 64.3 45.6 84.8

132 92.5 65.2 121.0

130 92.3 69.9 129.7



#35

Methylcyclohexane

Concen: 15.716 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

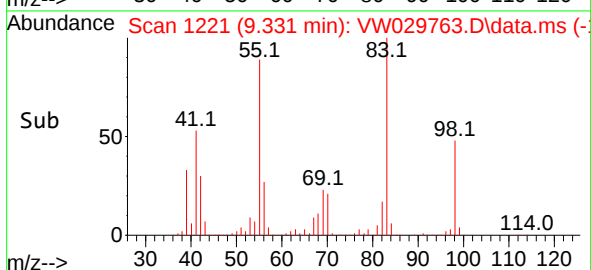
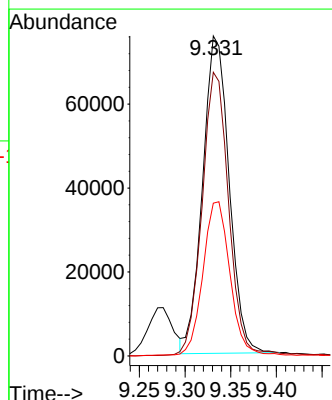
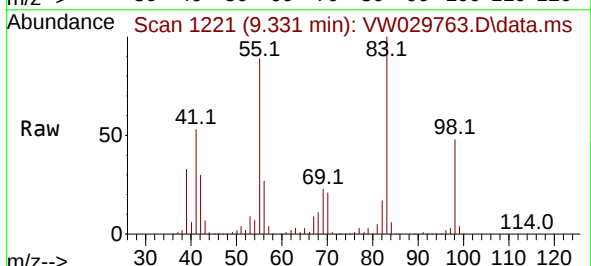
Tgt Ion: 83 Resp: 152338

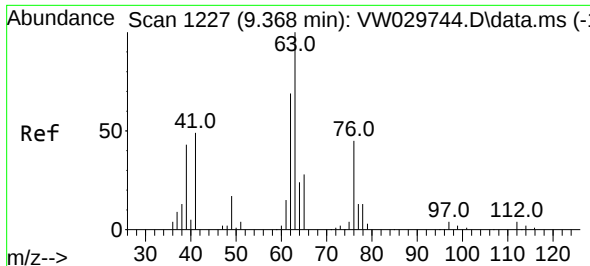
Ion Ratio Lower Upper

83 100

55 89.8 67.4 101.2

98 49.9 36.7 55.1





#37

1,2-Dichloropropane

Concen: 18.032 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

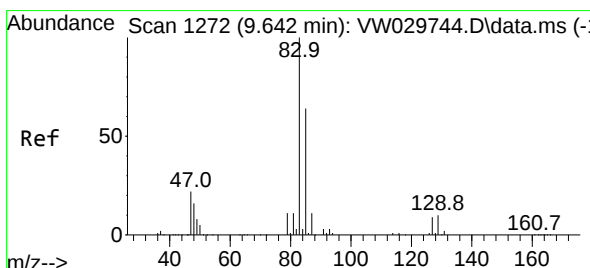
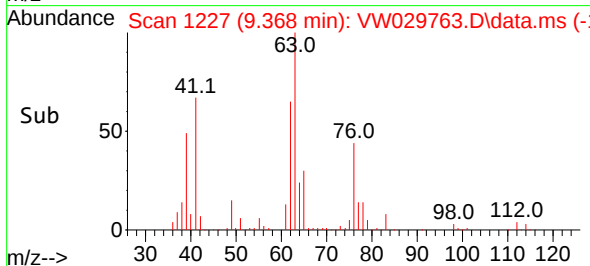
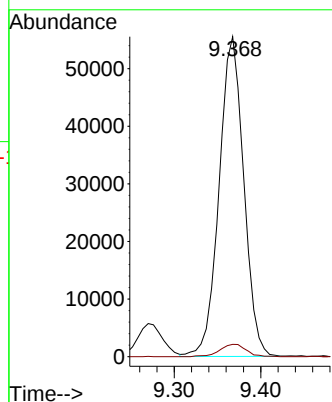
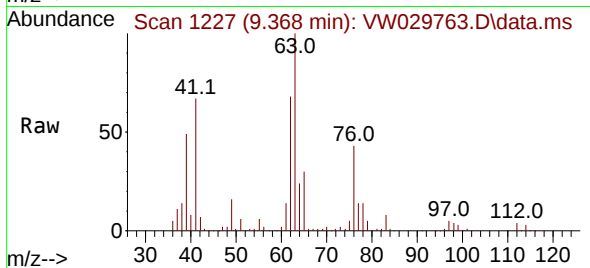
E20P2MS

Tgt Ion: 63 Resp: 109652

Ion Ratio Lower Upper

63 100

112 3.6 3.3 4.9



#38

Bromodichloromethane

Concen: 17.785 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

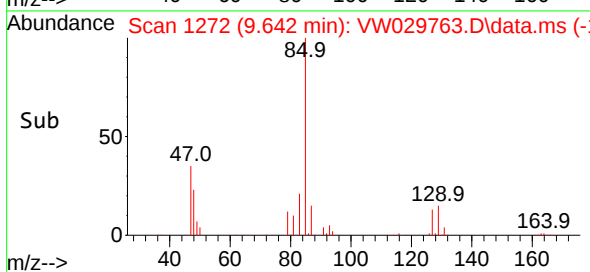
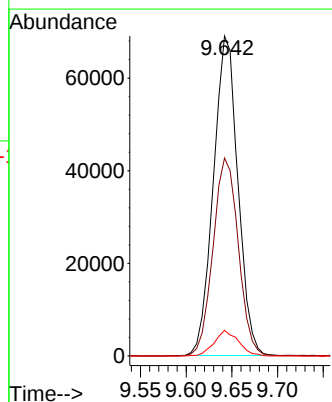
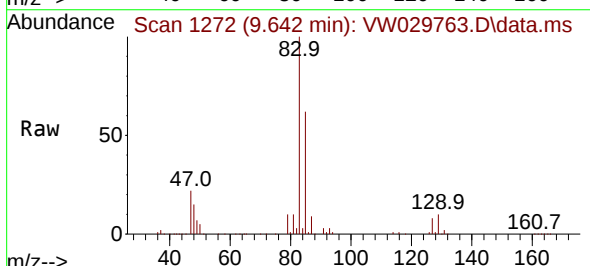
Tgt Ion: 83 Resp: 128787

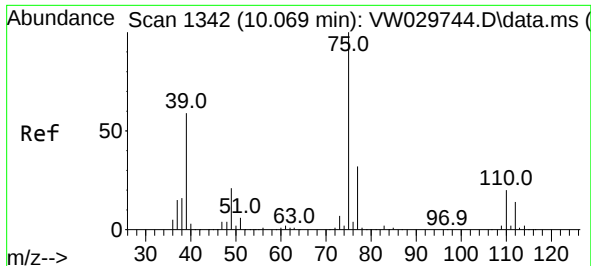
Ion Ratio Lower Upper

83 100

85 61.8 46.6 86.6

127 8.0 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 17.505 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

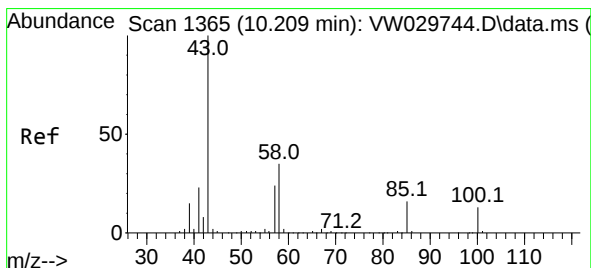
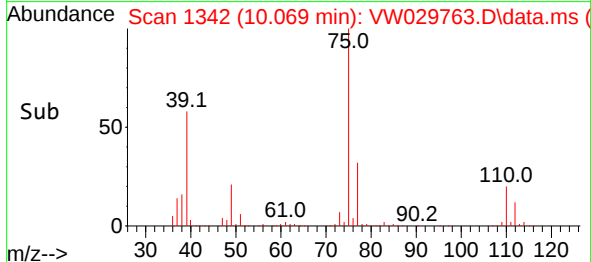
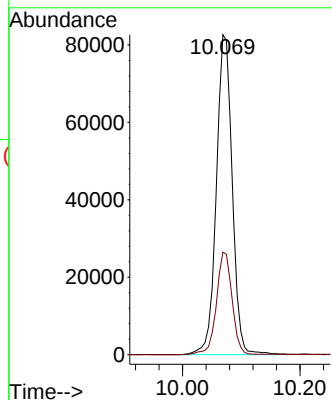
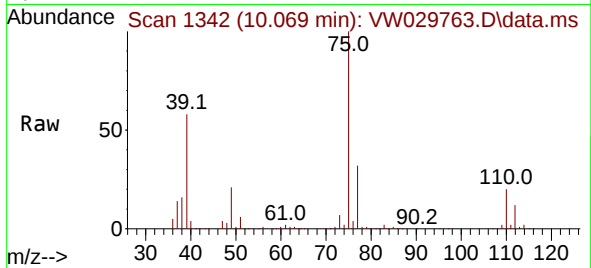
E20P2MS

Tgt Ion: 75 Resp: 155025

Ion Ratio Lower Upper

75 100

77 32.0 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 40.227 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

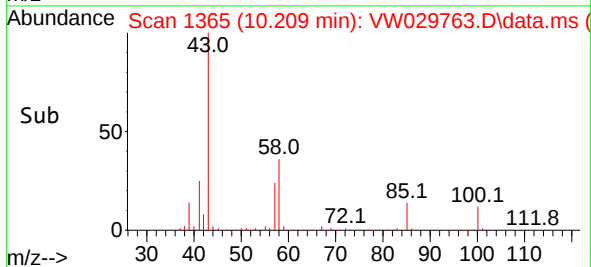
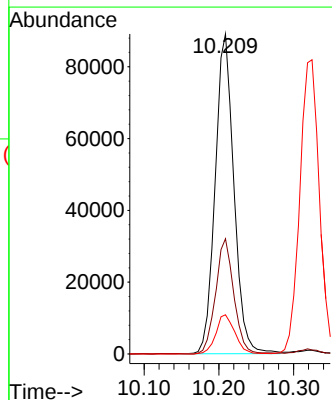
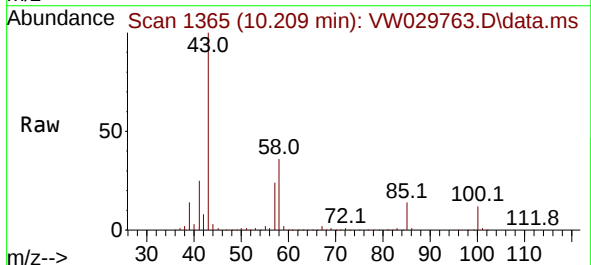
Tgt Ion: 43 Resp: 155379

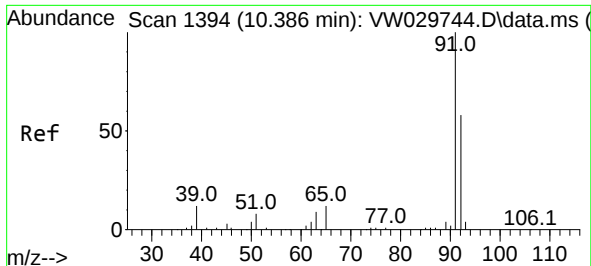
Ion Ratio Lower Upper

43 100

58 35.0 28.7 43.1

100 12.5 10.0 15.0





#42

Toluene

Concen: 17.577 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

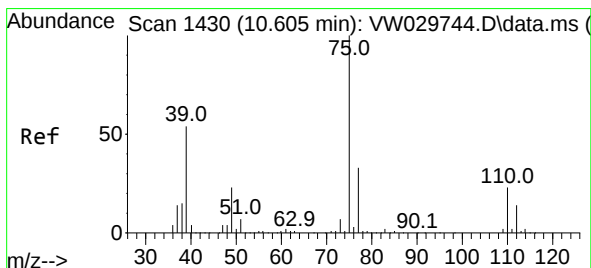
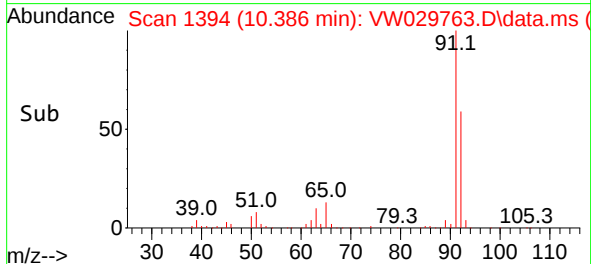
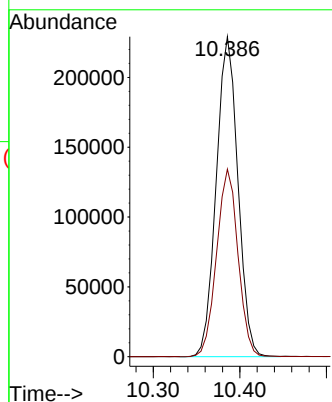
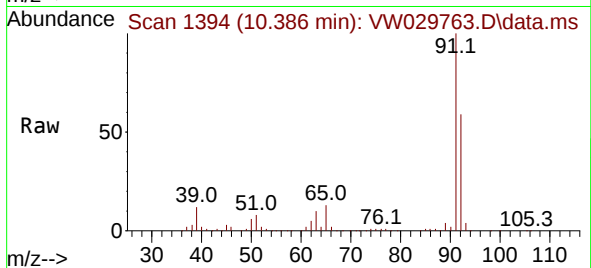
E20P2MS

Tgt Ion: 91 Resp: 398134

Ion Ratio Lower Upper

91 100

92 58.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 17.918 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029763.D

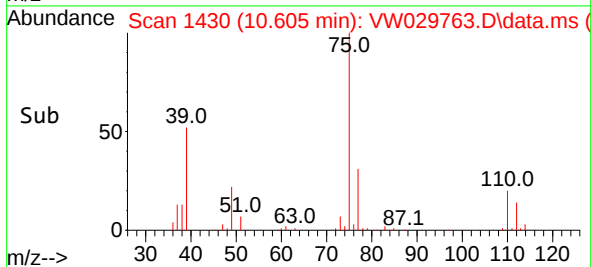
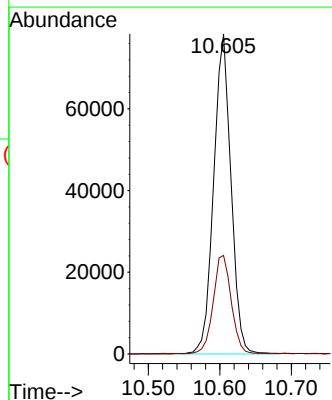
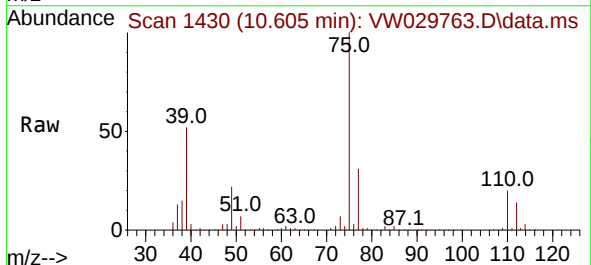
Acq: 26 Jul 2024 19:52

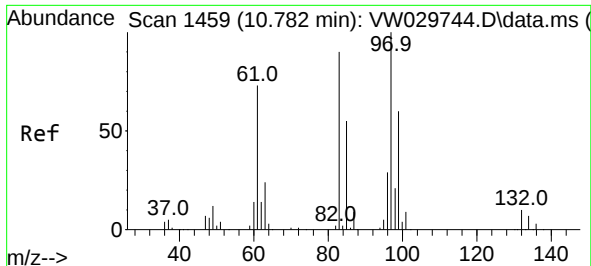
Tgt Ion: 75 Resp: 131734

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0

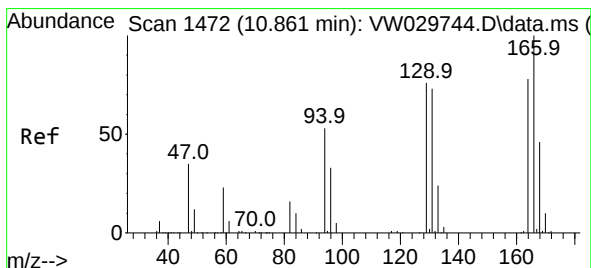
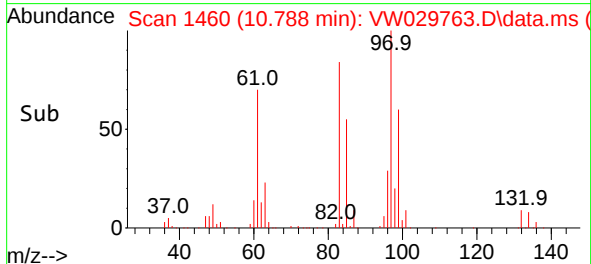
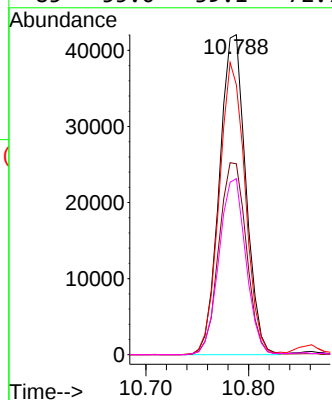
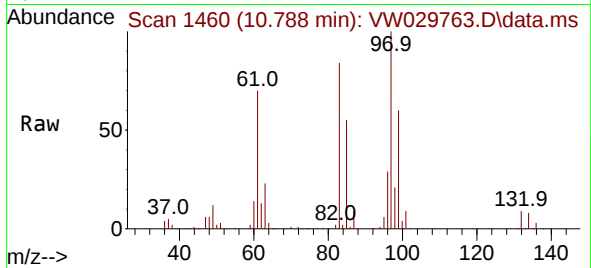




#45
1,1,2-Trichloroethane
Concen: 18.332 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

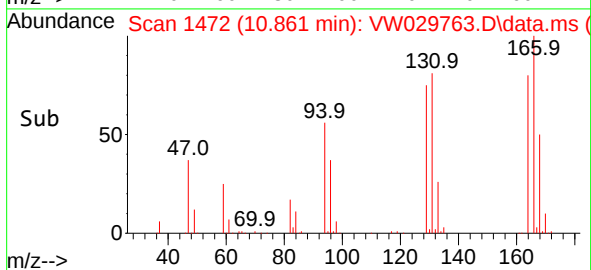
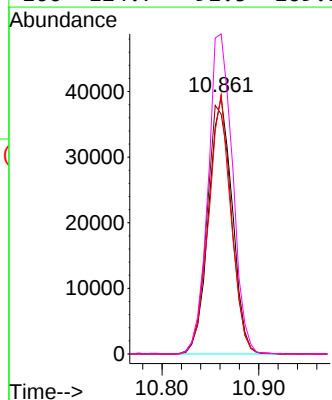
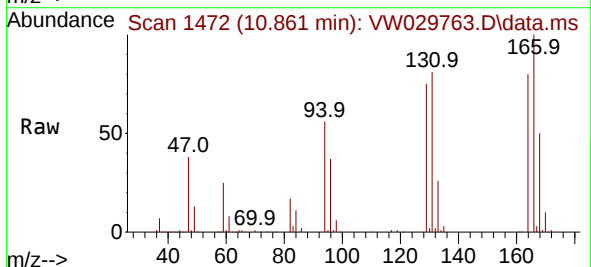
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

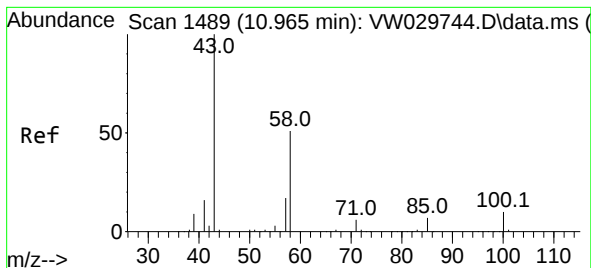
Tgt Ion: 97	Resp: 74890
Ion Ratio	Lower Upper
97 100	
99 59.6	40.1 74.5
83 84.3	58.5 108.7
85 55.0	39.1 72.7



#46
Tetrachloroethene
Concen: 15.743 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt	Ion:164	Resp:	66562
Ion	Ratio	Lower	Upper
164	100		
129	93.4	77.8	144.6
131	101.1	70.9	131.7
166	124.7	91.5	169.9





#48

2-Hexanone

Concen: 38.740 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

E20P2MS

Tgt Ion: 43 Resp: 112070

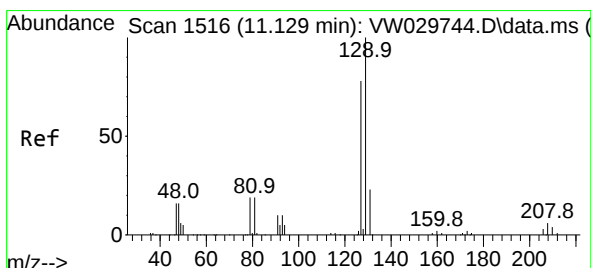
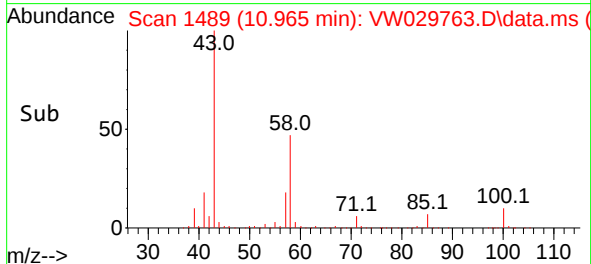
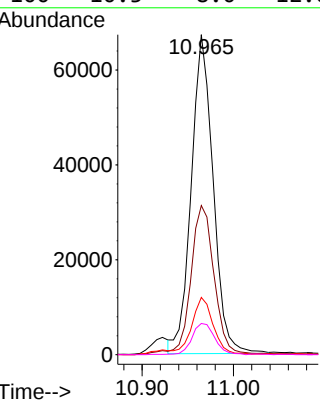
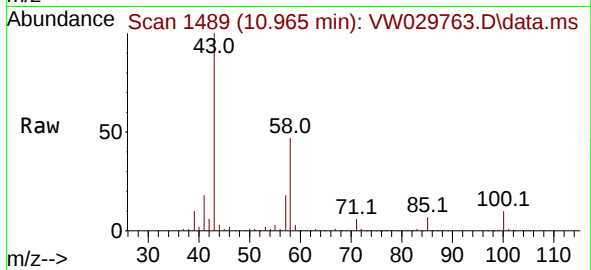
Ion Ratio Lower Upper

43 100

58 49.9 41.0 61.4

57 17.5 14.1 21.1

100 10.3 8.0 12.0



#49

Dibromochloromethane

Concen: 18.817 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029763.D

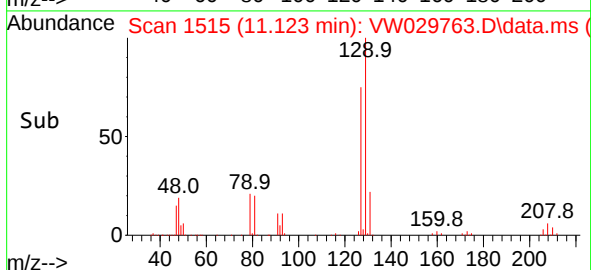
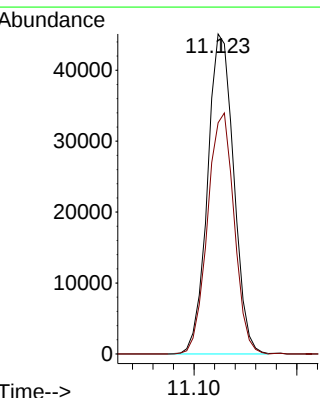
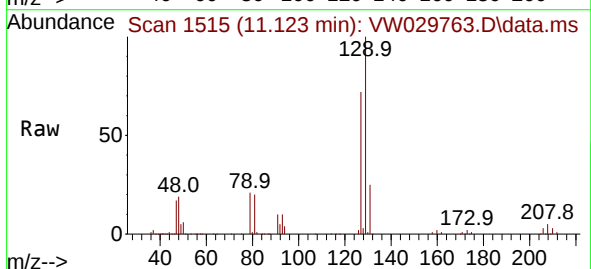
Acq: 26 Jul 2024 19:52

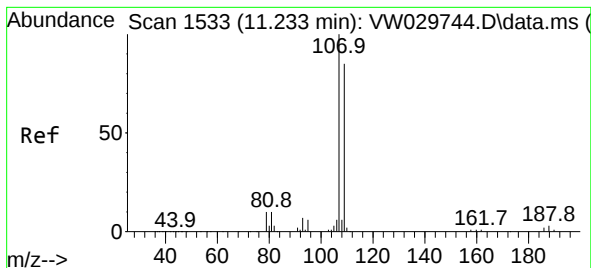
Tgt Ion:129 Resp: 79803

Ion Ratio Lower Upper

129 100

127 72.3 52.4 97.2

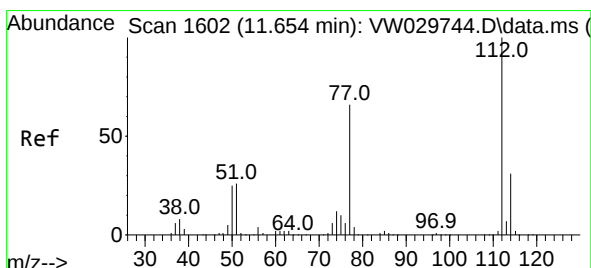
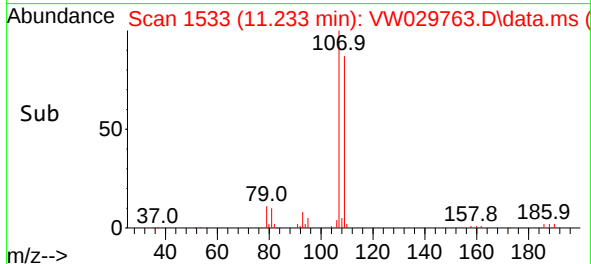
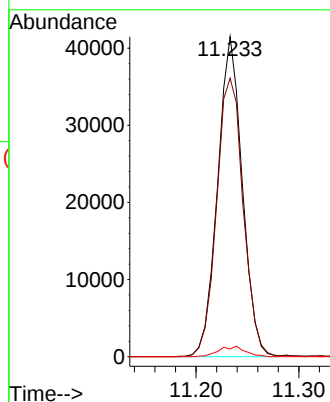
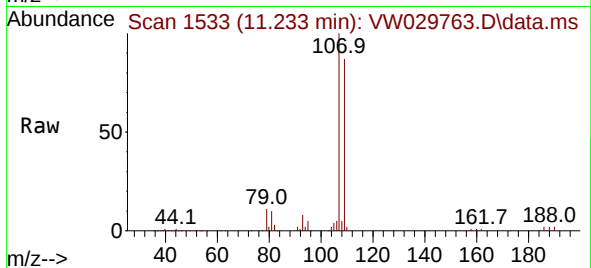




#50
1,2-Dibromoethane
Concen: 18.289 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

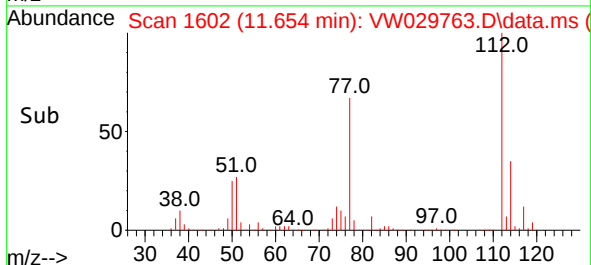
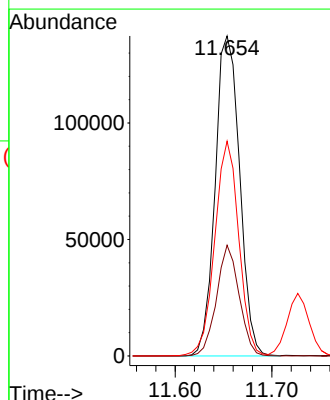
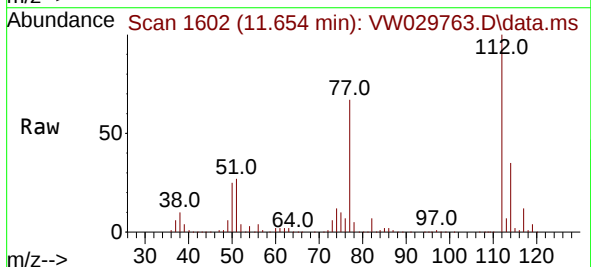
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

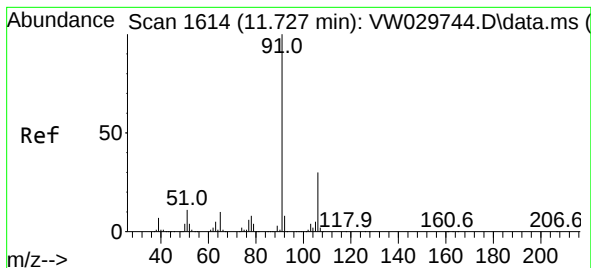
Tgt Ion:107 Resp: 69130
Ion Ratio Lower Upper
107 100
109 87.0 64.8 120.3
188 2.4 2.7 4.1#



#51
Chlorobenzene
Concen: 17.135 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion:112 Resp: 241412
Ion Ratio Lower Upper
112 100
114 34.6 22.0 40.8
77 67.1 53.8 80.8

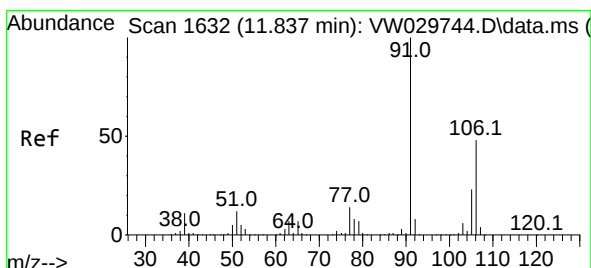
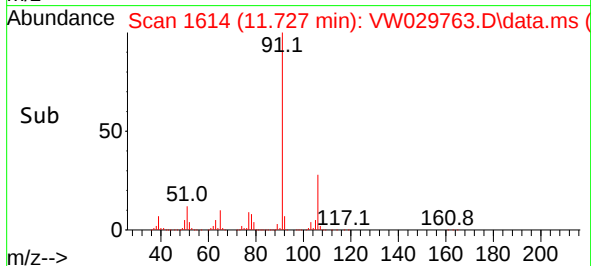
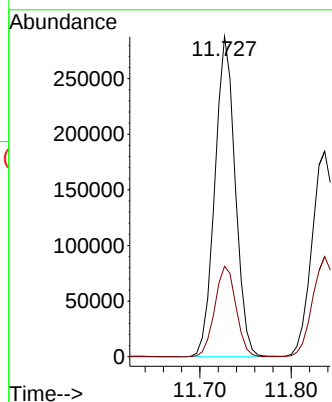
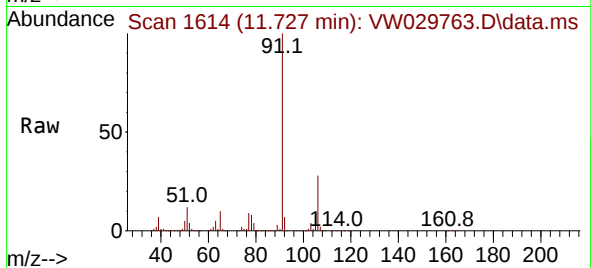




#52
Ethylbenzene
Concen: 17.479 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

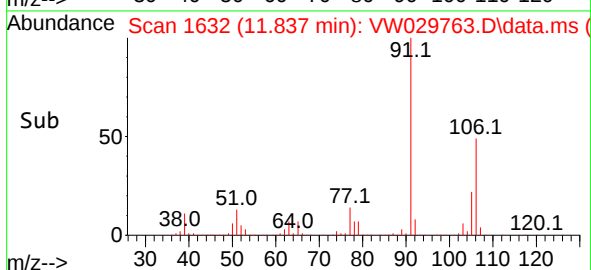
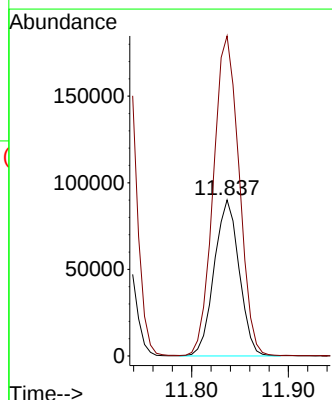
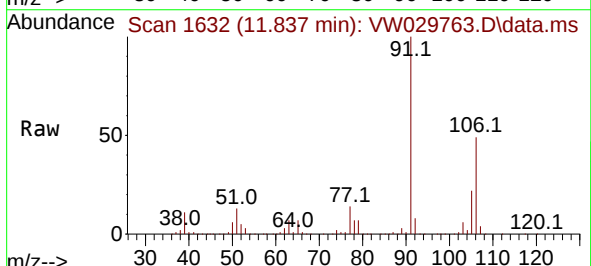
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

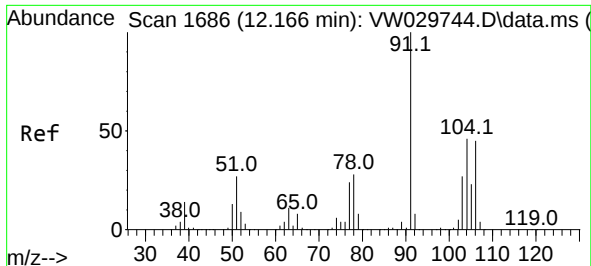
Tgt Ion: 91 Resp: 446601
Ion Ratio Lower Upper
91 100
106 28.3 20.4 38.0



#53
m,p-Xylene
Concen: 17.204 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion: 106 Resp: 161662
Ion Ratio Lower Upper
106 100
91 205.0 151.4 281.2

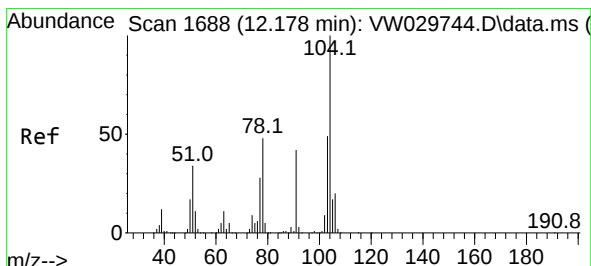
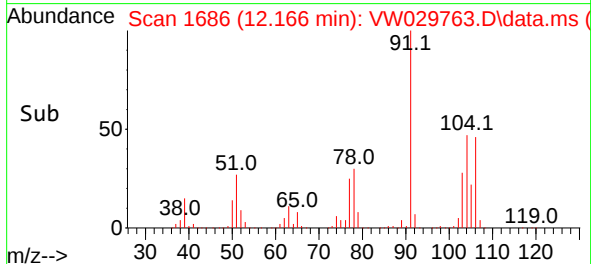
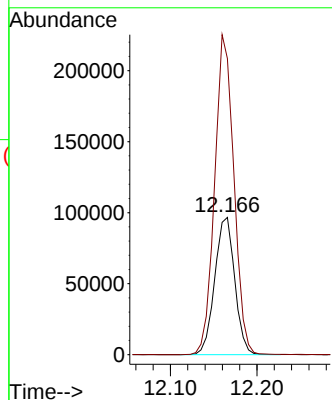
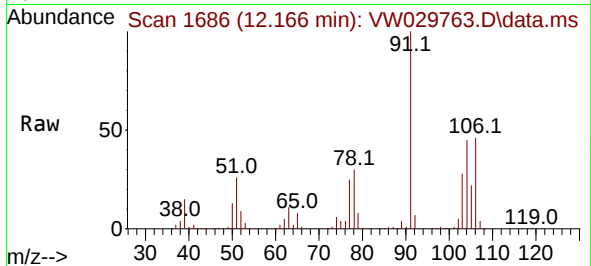




#54
o-Xylene
Concen: 17.910 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

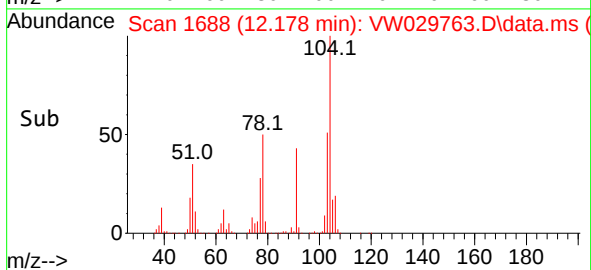
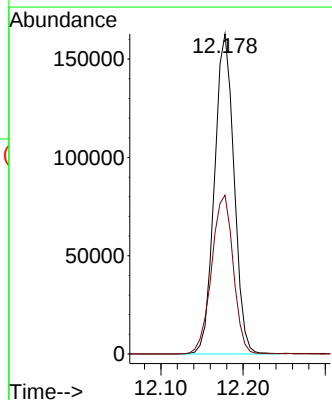
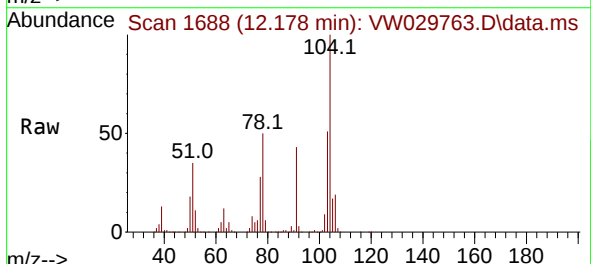
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

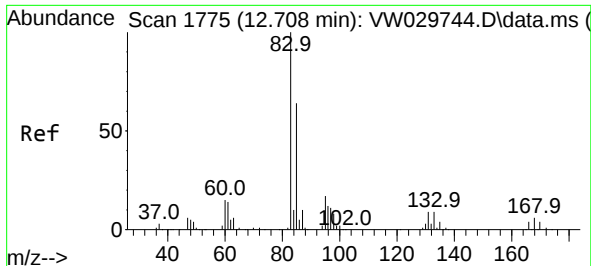
Tgt Ion:106 Resp: 154981
Ion Ratio Lower Upper
106 100
91 215.6 155.8 289.4



#55
Styrene
Concen: 17.958 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion:104 Resp: 269355
Ion Ratio Lower Upper
104 100
78 49.6 33.3 61.9





#57

1,1,2-Tetrachloroethane

Concen: 18.728 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

E20P2MS

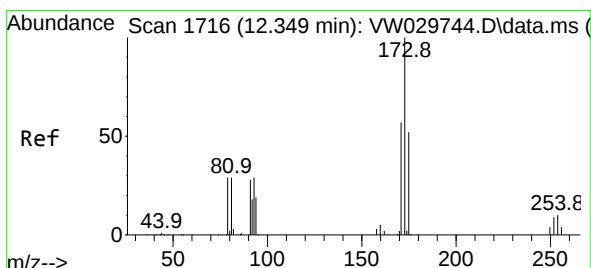
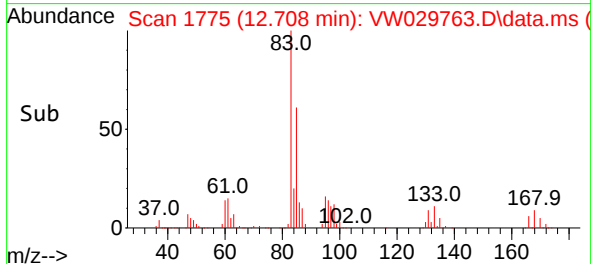
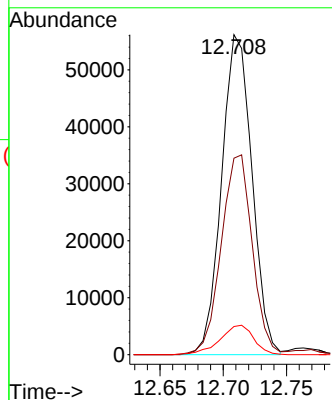
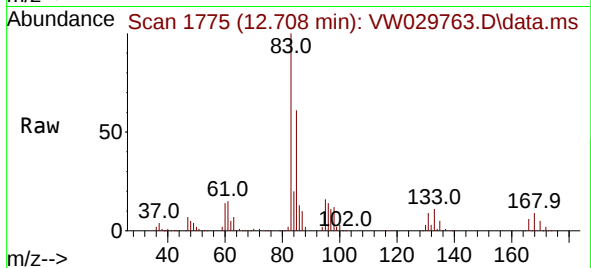
Tgt Ion: 83 Resp: 93904

Ion Ratio Lower Upper

83 100

85 61.4 44.2 82.0

131 8.8 6.2 9.2



#59

Bromoform

Concen: 19.688 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

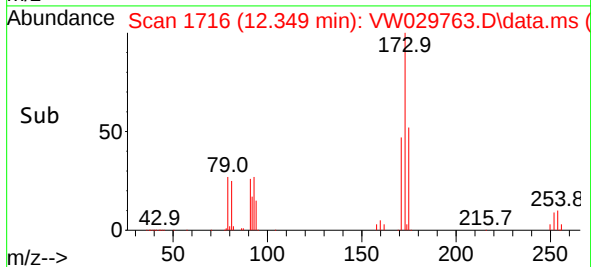
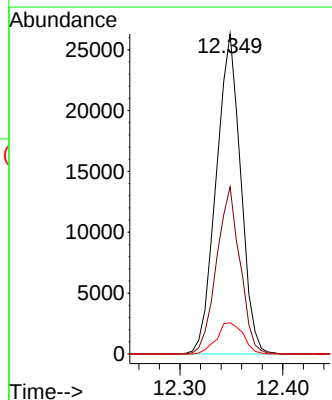
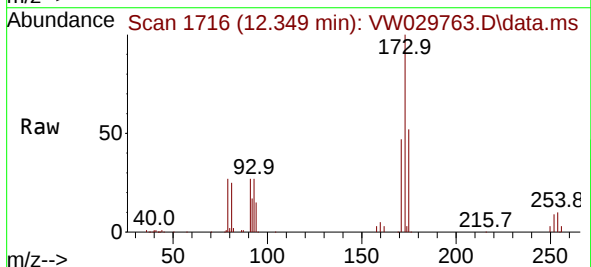
Tgt Ion:173 Resp: 43555

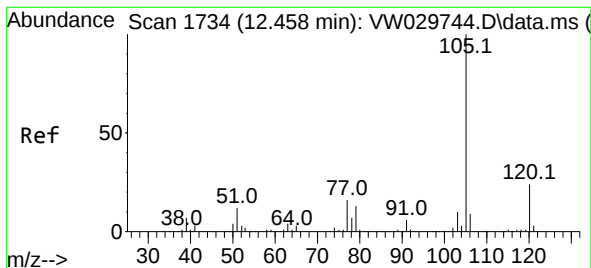
Ion Ratio Lower Upper

173 100

175 50.0 38.1 57.1

254 10.5 7.8 11.6





#60

Isopropylbenzene

Concen: 18.516 ug/L

RT: 12.458 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

E20P2MS

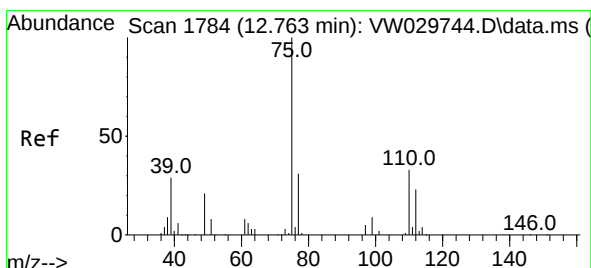
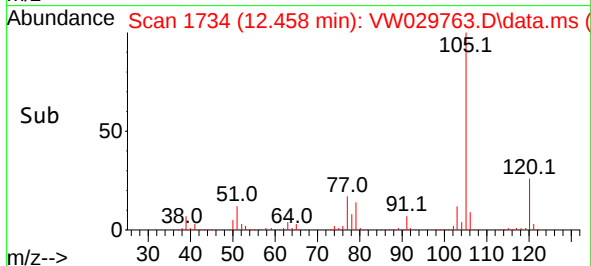
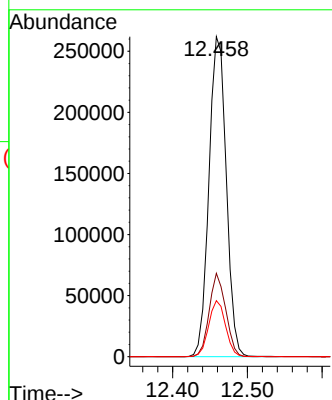
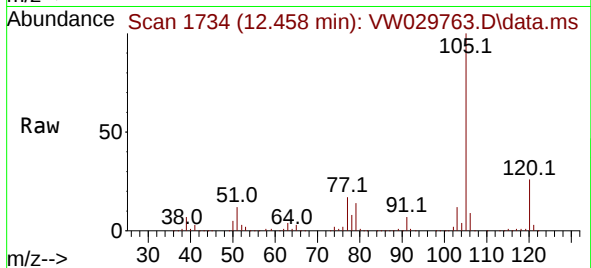
Tgt Ion:105 Resp: 421234

Ion Ratio Lower Upper

105 100

120 24.8 20.3 30.5

77 17.0 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 19.880 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

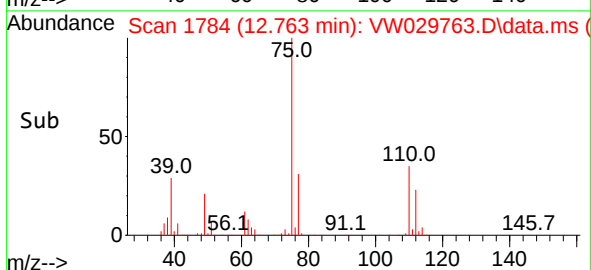
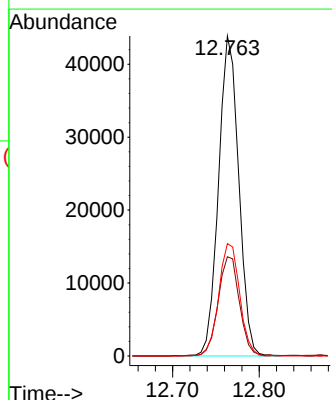
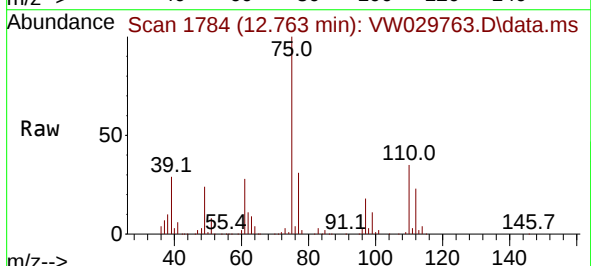
Tgt Ion: 75 Resp: 71084

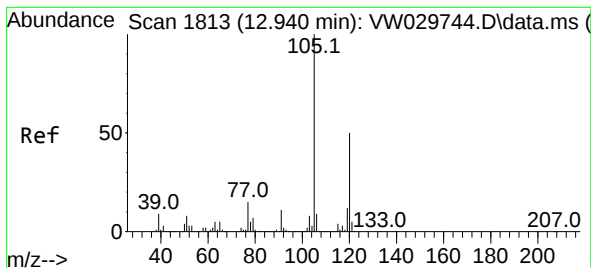
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

110 36.4 28.6 43.0

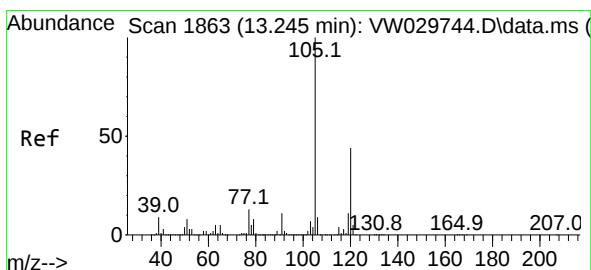
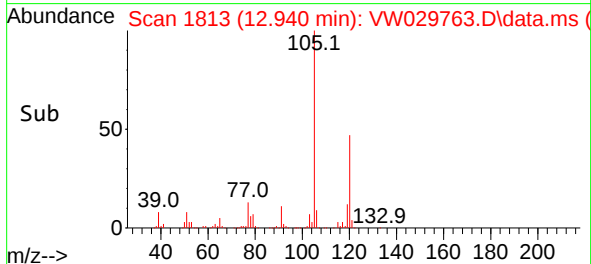
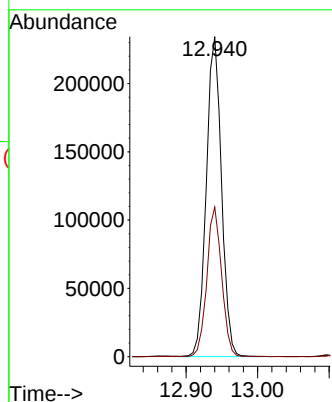
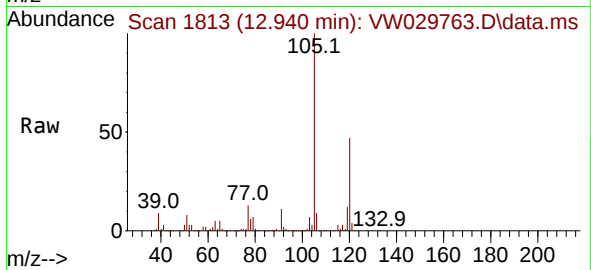




#62
1,3,5-Trimethylbenzene
Concen: 20.437 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

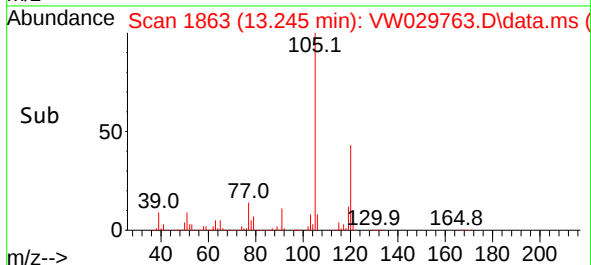
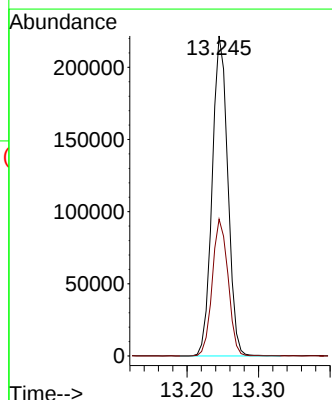
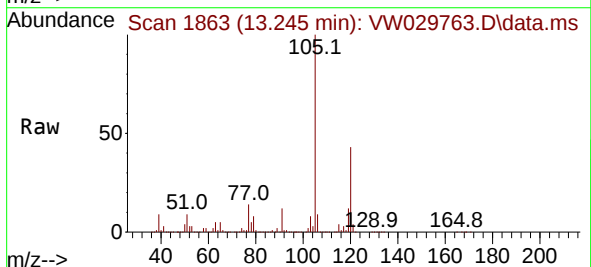
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

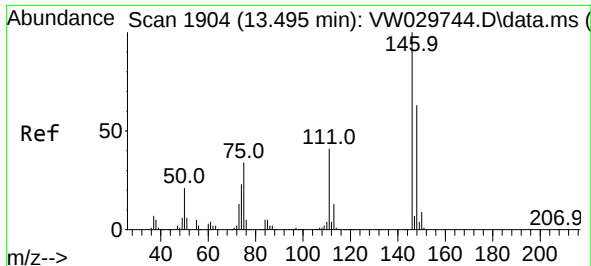
Tgt Ion:105 Resp: 345593
Ion Ratio Lower Upper
105 100
120 45.4 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 18.612 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion:105 Resp: 336588
Ion Ratio Lower Upper
105 100
120 43.0 35.4 53.0

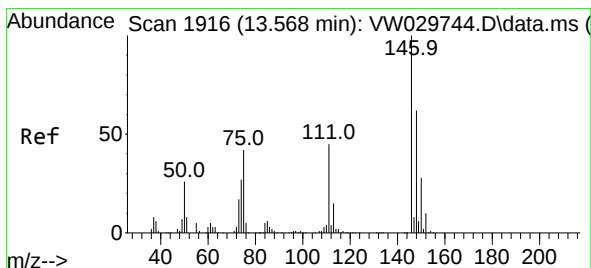
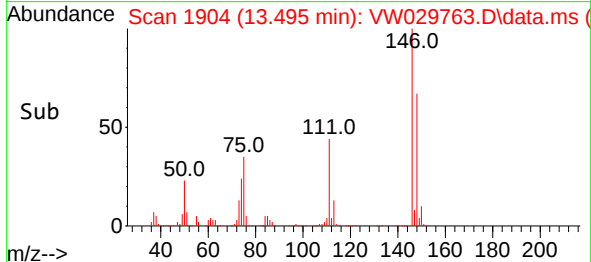
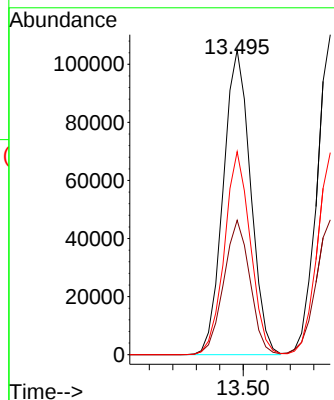
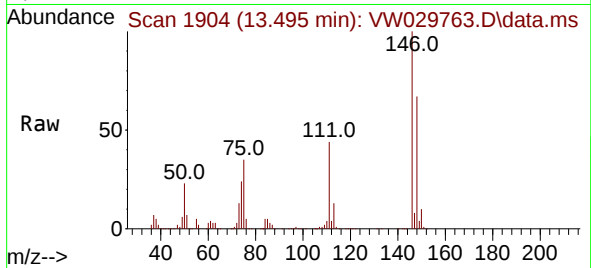




#64
1,3-Dichlorobenzene
Concen: 17.447 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

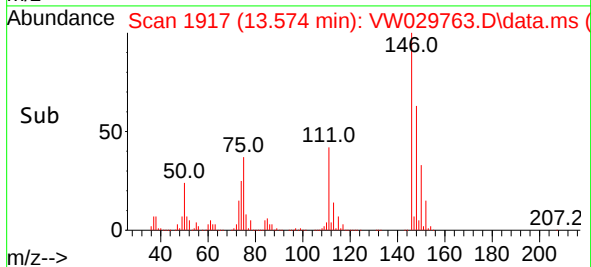
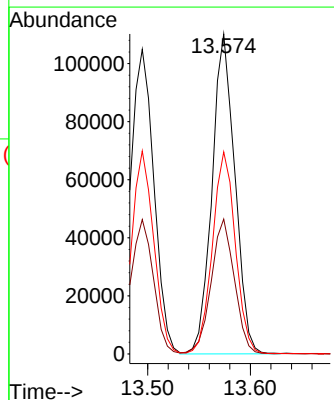
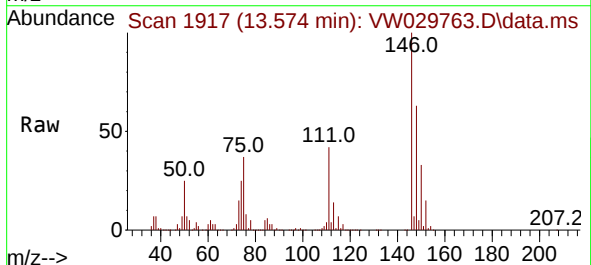
Instrument :
MSVOA_W
ClientSampleId :
E20P2MS

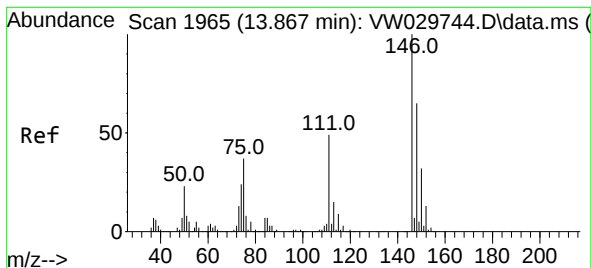
Tgt Ion:146 Resp: 169351
Ion Ratio Lower Upper
146 100
111 44.1 28.7 53.3
148 66.6 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 17.098 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VW029763.D
Acq: 26 Jul 2024 19:52

Tgt Ion:146 Resp: 170475
Ion Ratio Lower Upper
146 100
111 42.1 30.1 55.9
148 63.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 17.580 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

E20P2MS

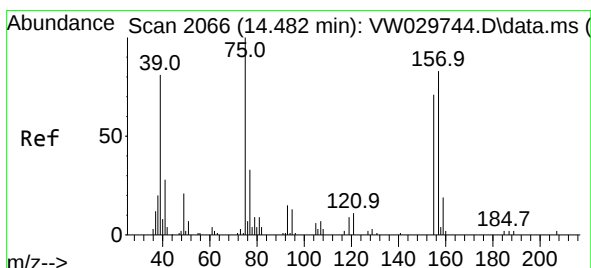
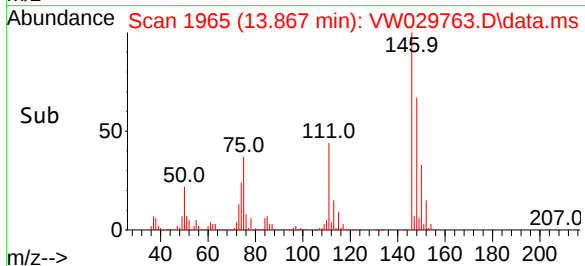
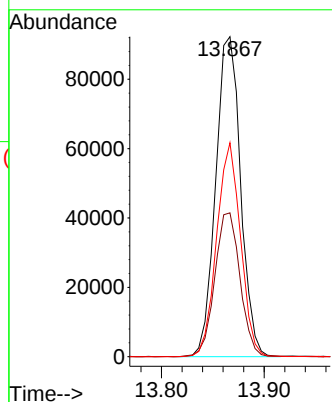
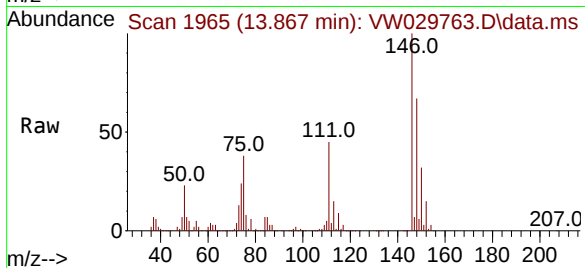
Tgt Ion:146 Resp: 155356

Ion Ratio Lower Upper

146 100

111 45.0 35.8 53.8

148 66.8 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.477 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

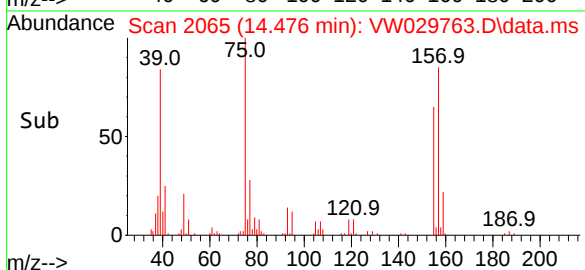
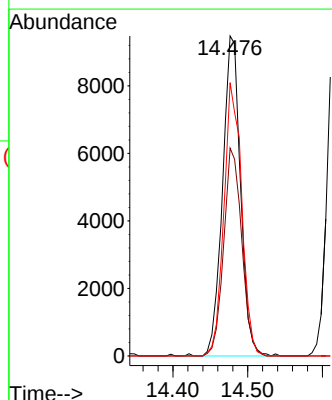
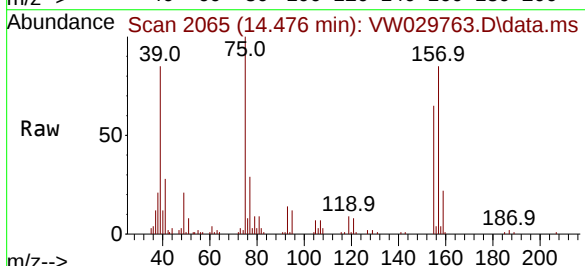
Tgt Ion: 75 Resp: 15813

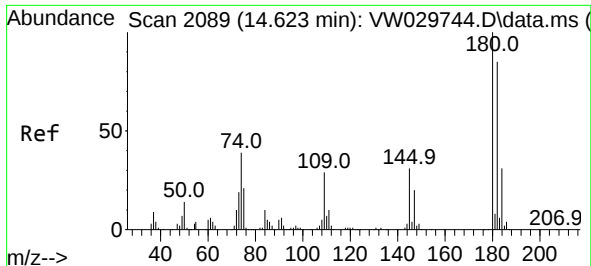
Ion Ratio Lower Upper

75 100

155 64.9 47.8 71.6

157 85.4 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 14.561 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

E20P2MS

Tgt Ion:180 Resp: 96698

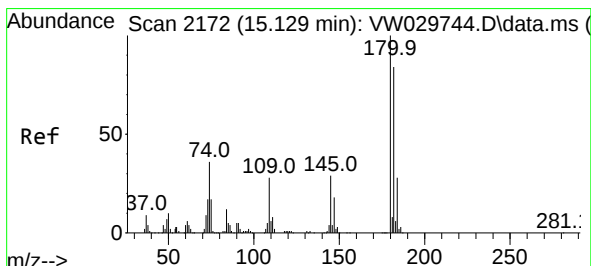
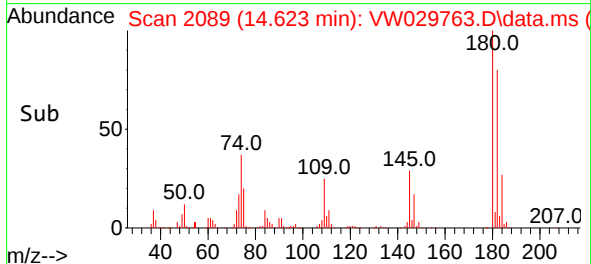
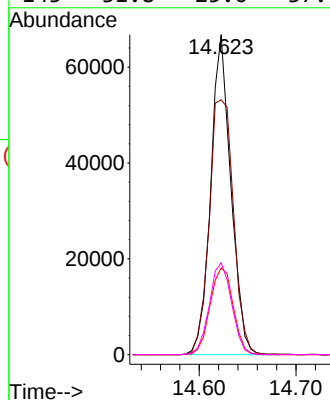
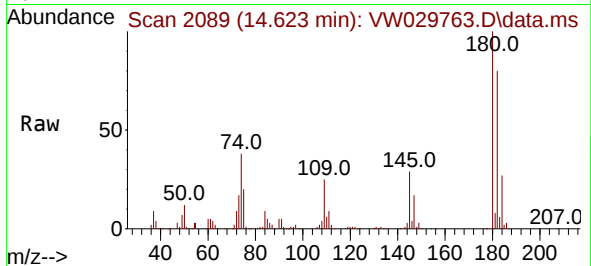
Ion Ratio Lower Upper

180 100

182 95.9 72.7 109.1

184 31.1 23.3 34.9

145 31.8 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 15.111 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

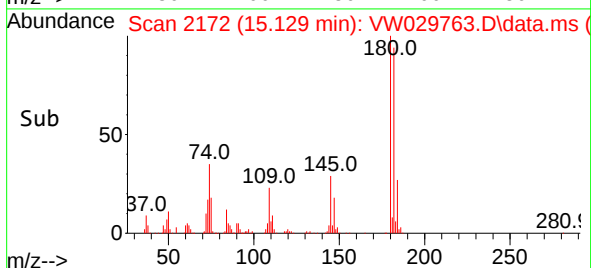
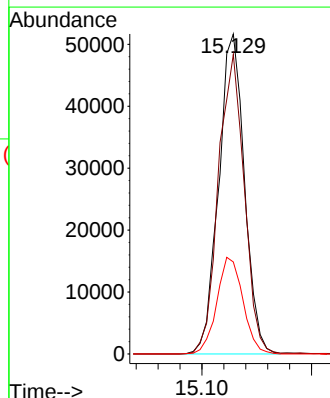
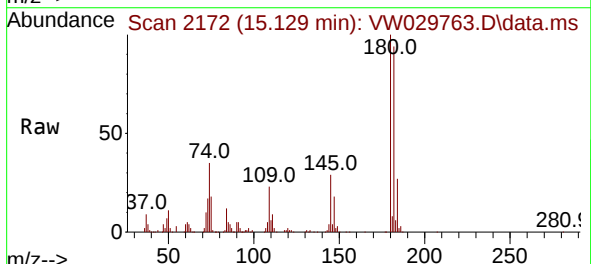
Tgt Ion:180 Resp: 84547

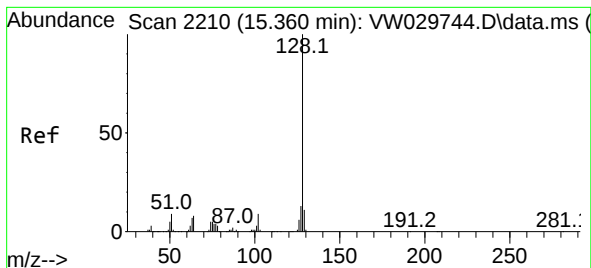
Ion Ratio Lower Upper

180 100

182 93.5 80.2 120.4

145 30.6 26.3 39.5





#71

Naphthalene

Concen: 17.809 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Instrument :

MSVOA_W

ClientSampleId :

E20P2MS

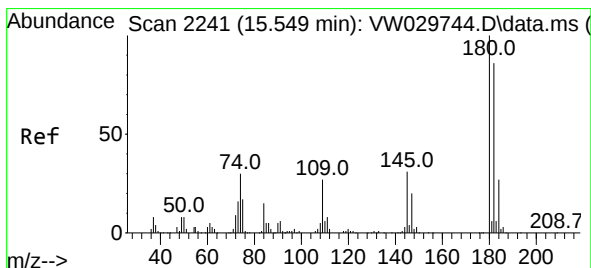
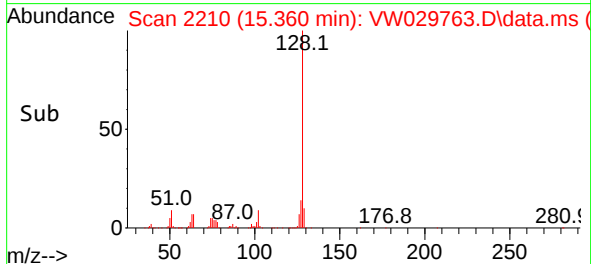
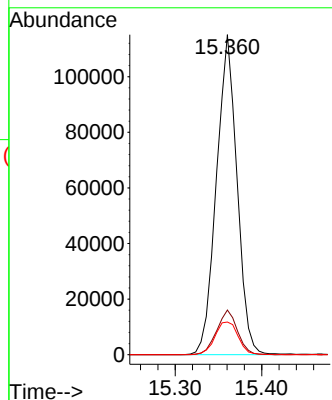
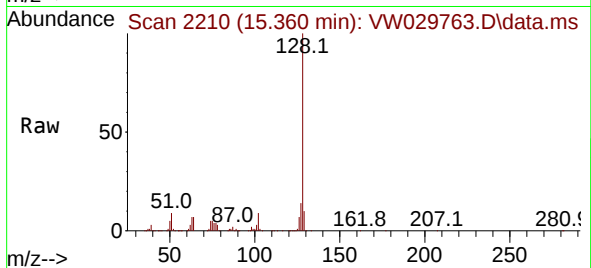
Tgt Ion:128 Resp: 190117

Ion Ratio Lower Upper

128 100

127 14.0 10.7 16.1

129 11.5 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 15.248 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029763.D

Acq: 26 Jul 2024 19:52

Tgt Ion:180 Resp: 77215

Ion Ratio Lower Upper

180 100

182 90.4 74.0 111.0

145 33.7 27.5 41.3

