

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042123\
 Data File : VW025619.D
 Acq On : 21 Apr 2023 08:46
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 04:58:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	676835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	601278	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	299603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	203125	18.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.760%
7) Chloroethane-d5	2.899	69	156625	19.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
11) 1,1-Dichloroethene-d2	4.027	63	467222	20.976	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.920%
21) 2-Butanone-d5	7.075	46	134028	54.548	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.100%
24) Chloroform-d	7.648	84	437347	23.014	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.040%
26) 1,2-Dichloroethane-d4	8.306	65	228563	23.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.480%
32) Benzene-d6	8.276	84	859282	22.070	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	9.270	67	272625	22.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	10.324	98	754030	22.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.680%
43) trans-1,3-Dichloroprop...	10.574	79	103967	22.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.360%
47) 2-Hexanone-d5	10.922	63	92566	55.786	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	208065	25.394	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	235242	22.855	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	229500	24.247	ug/L	95
3) Chloromethane	2.222	50	273258	24.885	ug/L	98
5) Vinyl chloride	2.375	62	298260	24.570	ug/L	96
6) Bromomethane	2.789	94	155932	23.879	ug/L	96
8) Chloroethane	2.929	64	166627	24.509	ug/L	99
9) Trichlorofluoromethane	3.271	101	234653	25.091	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	236506	25.201	ug/L	96
12) 1,1-Dichloroethene	4.045	96	232011	24.699	ug/L	92
13) Acetone	4.118	43	132835	63.877	ug/L	99
14) Carbon disulfide	4.392	76	735247	22.185	ug/L	99
15) Methyl Acetate	4.673	43	125422	26.845	ug/L	98
16) Methylene chloride	4.917	84	256918	23.881	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	240386	24.070	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	354829	25.745	ug/L	99
19) 1,1-Dichloroethane	6.215	63	507871	25.453	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	262240	25.237	ug/L	100
22) 2-Butanone	7.166	43	174855	59.147	ug/L	100
23) Bromochloromethane	7.514	128	107236	25.165	ug/L	89
25) Chloroform	7.678	83	468111	25.654	ug/L	100

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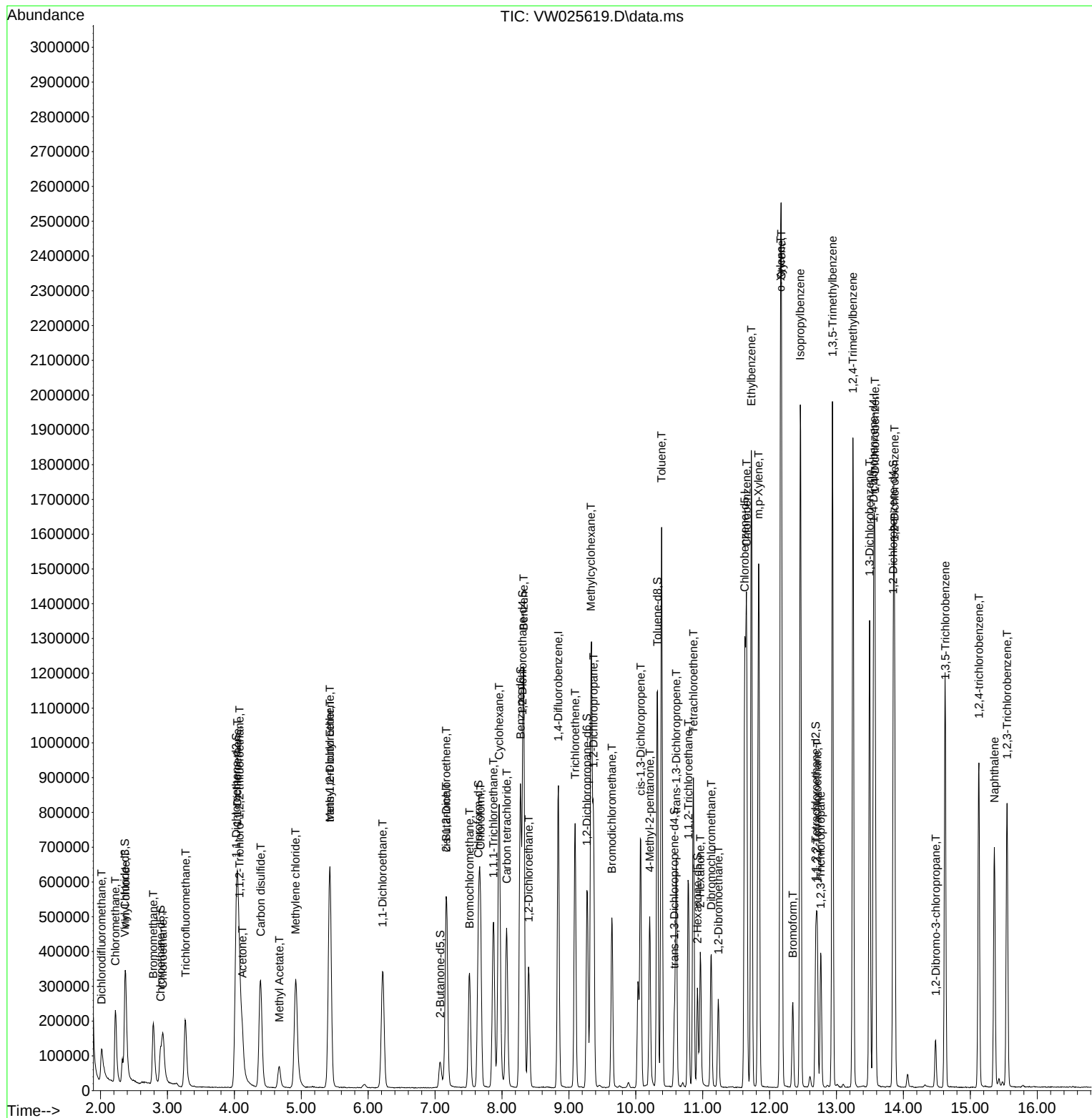
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	315826	25.793	ug/L	99
29) Cyclohexane	7.959	56	482920	24.814	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	382559	25.606	ug/L	100
31) Carbon tetrachloride	8.069	117	345693	25.622	ug/L	100
33) Benzene	8.325	78	1051039	25.114	ug/L	100
34) Trichloroethene	9.093	95	267004	24.527	ug/L	94
35) Methylcyclohexane	9.331	83	481152	24.477	ug/L	100
37) 1,2-Dichloropropane	9.367	63	284535	25.743	ug/L	100
38) Bromodichloromethane	9.642	83	322847	25.529	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	410479	25.890	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	346613	55.403	ug/L	100
42) Toluene	10.385	91	1099811	25.807	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	340076	26.012	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	183366	26.018	ug/L	96
46) Tetrachloroethene	10.861	164	184402	24.085	ug/L	94
48) 2-Hexanone	10.964	43	260384	60.237	ug/L	97
49) Dibromochloromethane	11.129	129	196087	26.426	ug/L	98
50) 1,2-Dibromoethane	11.233	107	167098	25.805	ug/L #	97
51) Chlorobenzene	11.653	112	657136	25.024	ug/L	98
52) Ethylbenzene	11.727	91	1240371	25.720	ug/L	99
53) m,p-Xylene	11.836	106	456994	25.840	ug/L	97
54) o-Xylene	12.165	106	434850	26.283	ug/L	91
55) Styrene	12.178	104	749358	26.909	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	224289	26.569	ug/L	99
59) Bromoform	12.348	173	108827	26.508	ug/L	96
60) Isopropylbenzene	12.458	105	1228801	26.183	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	162703	26.202	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	969161	26.159	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	956607	26.815	ug/L	98
64) 1,3-Dichlorobenzene	13.494	146	505978	26.016	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	501235	25.236	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	442026	25.925	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	34895	25.618	ug/L	93
69) 1,3,5-Trichlorobenzene	14.628	180	336018	25.805	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	270134	25.538	ug/L	97
71) Naphthalene	15.360	128	560188	28.382	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	242679	26.241	ug/L	92

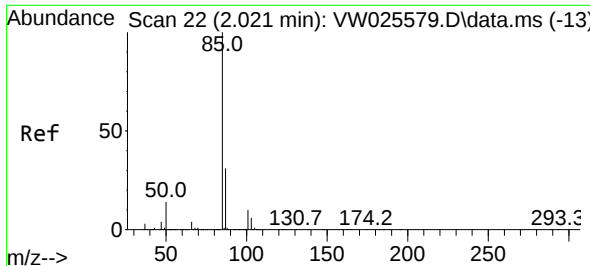
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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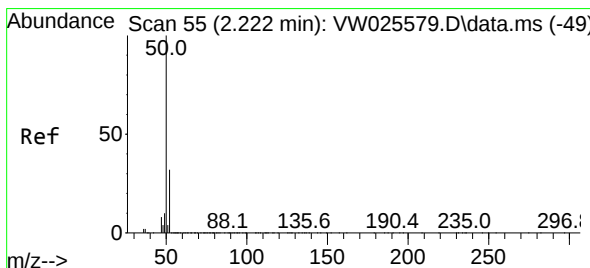
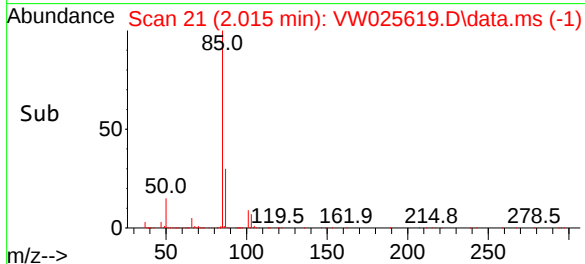
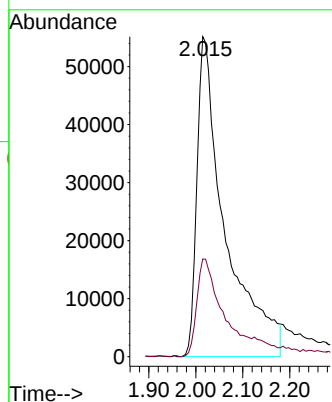
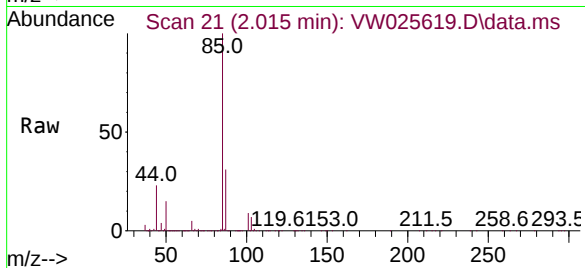




#2
 Dichlorodifluoromethane
 Concen: 24.247 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025619.D
 Acq: 21 Apr 2023 08:46

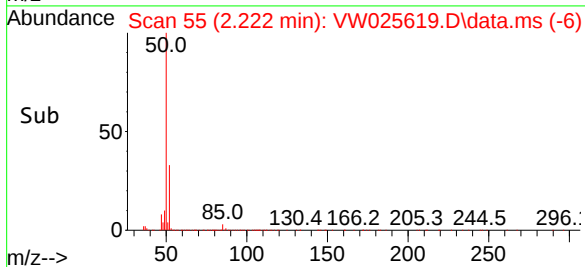
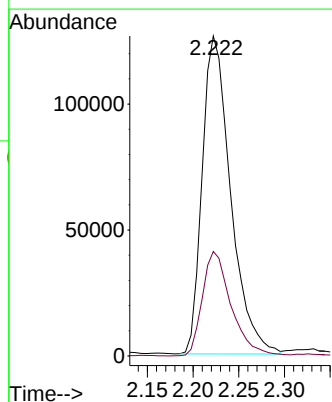
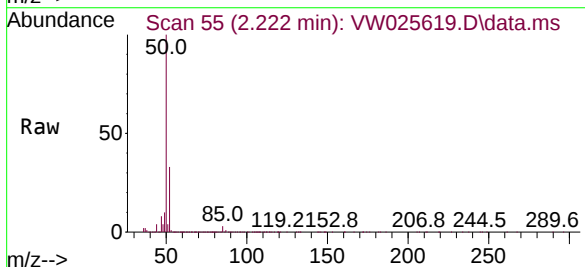
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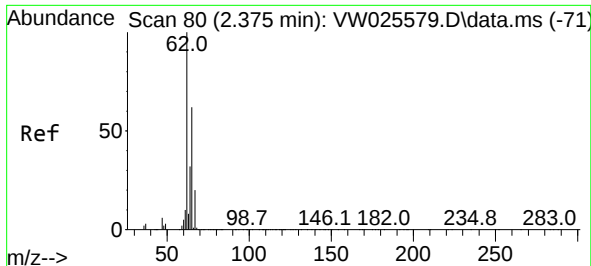
Tgt Ion: 85 Resp: 229500
 Ion Ratio Lower Upper
 85 100
 87 28.0 24.6 37.0



#3
 Chloromethane
 Concen: 24.885 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025619.D
 Acq: 21 Apr 2023 08:46

Tgt Ion: 50 Resp: 273258
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.2 41.2

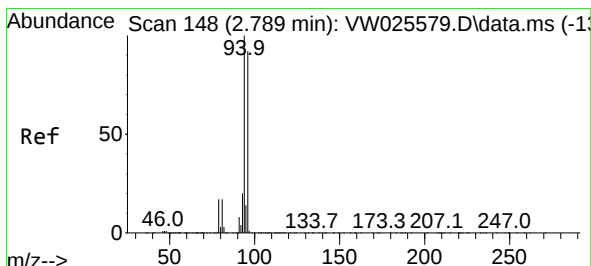
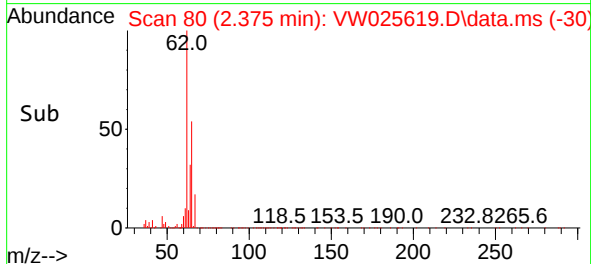
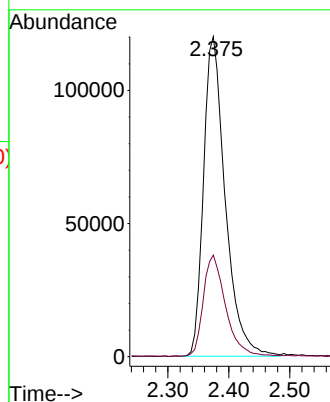
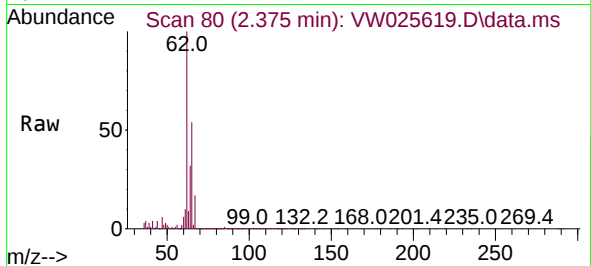




#5
 Vinyl chloride
 Concen: 24.570 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW025619.D
 Acq: 21 Apr 2023 08:46

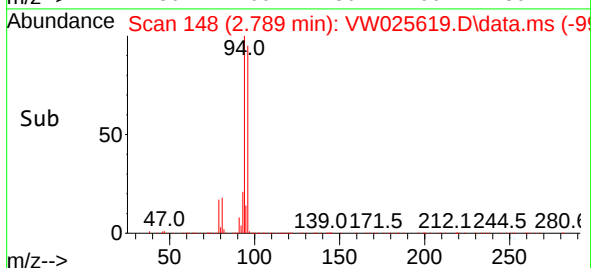
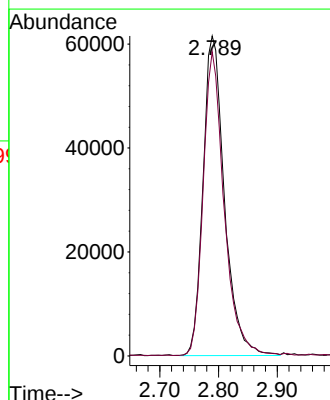
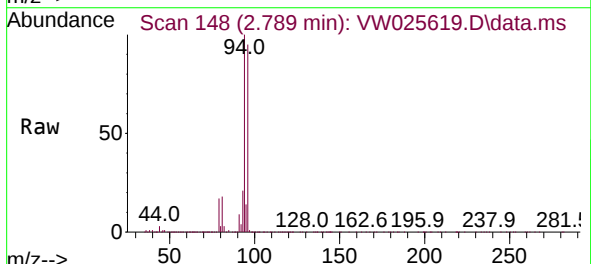
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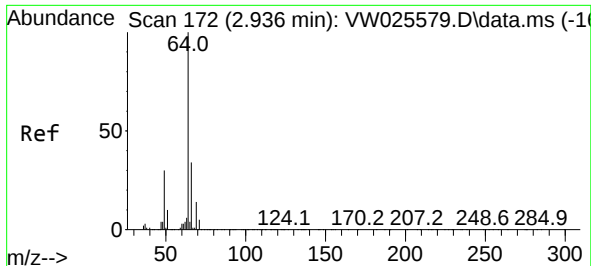
Tgt Ion: 62 Resp: 298260
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.9 44.3



#6
 Bromomethane
 Concen: 23.879 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025619.D
 Acq: 21 Apr 2023 08:46

Tgt Ion: 94 Resp: 155932
 Ion Ratio Lower Upper
 94 100
 96 95.1 64.0 118.8

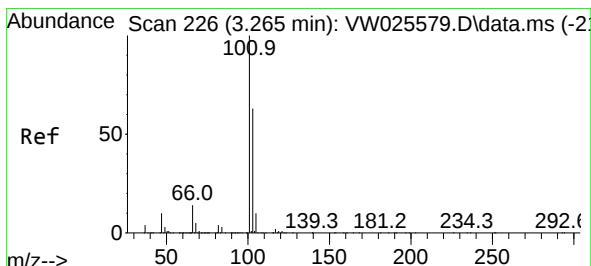
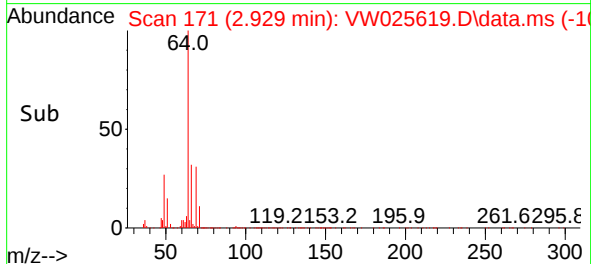
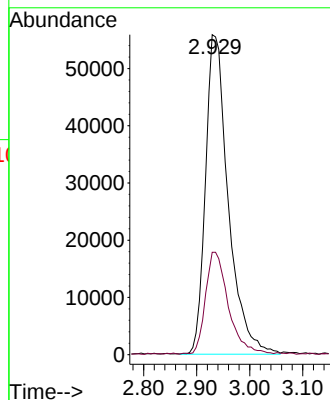
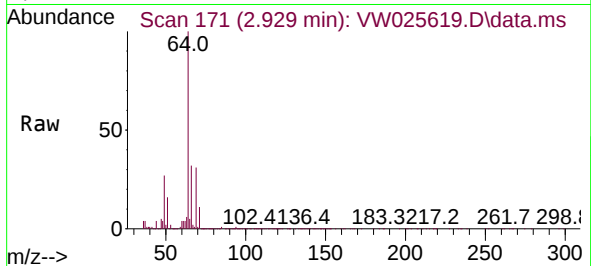




#8
Chloroethane
Concen: 24.509 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

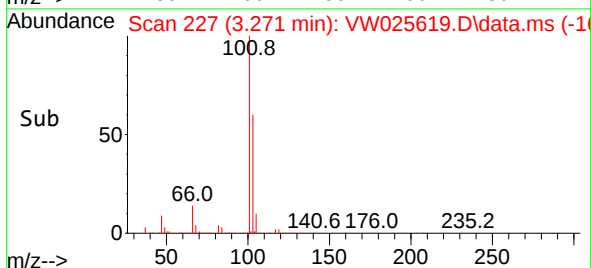
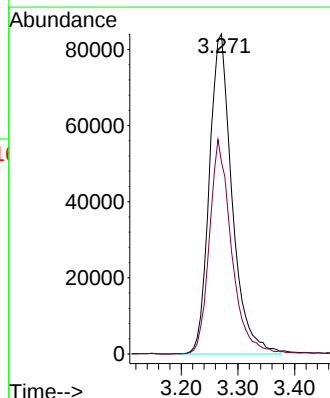
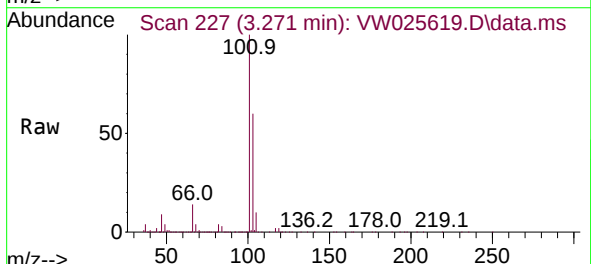
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MSVOA_W
ClientSampleId :

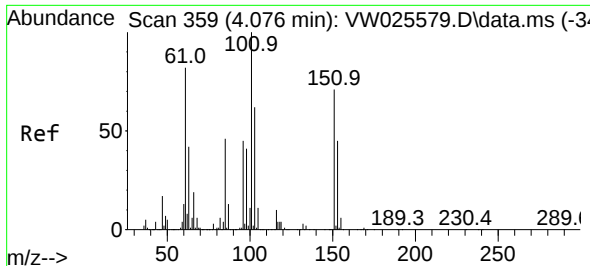
Tgt Ion: 64 Resp: 166627
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 25.091 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion: 101 Resp: 234653
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

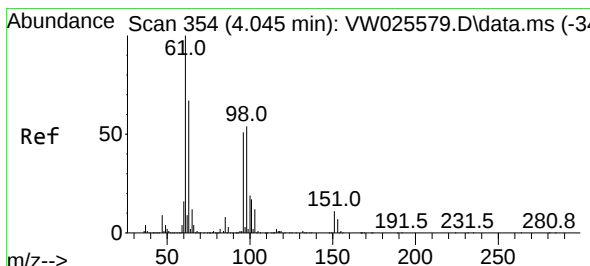
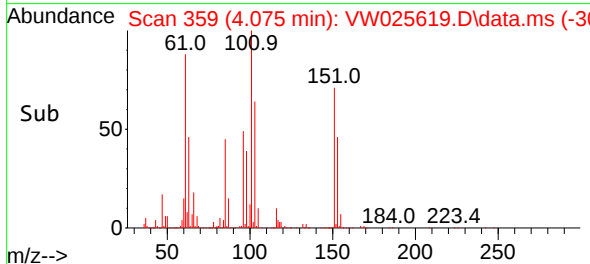
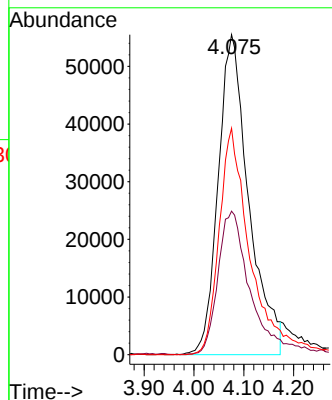
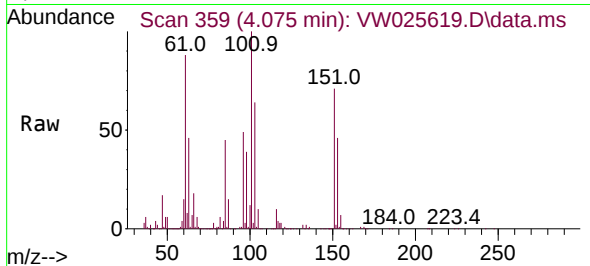




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.201 ug/L
 RT: 4.075 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW025619.D
 Acq: 21 Apr 2023 08:46

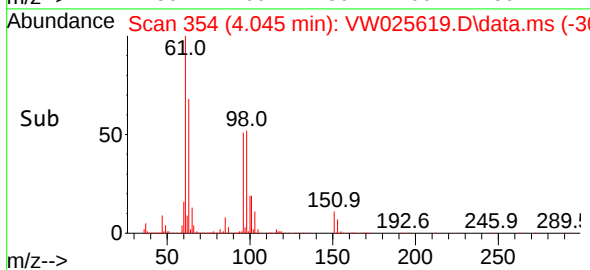
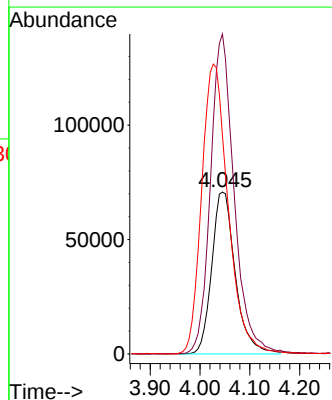
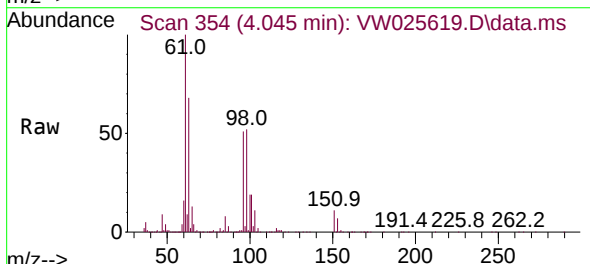
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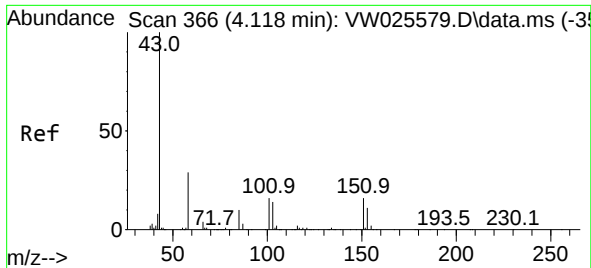
Tgt Ion:101 Resp: 236506
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.5 51.7
 151 72.4 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.699 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW025619.D
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Tgt Ion: 96 Resp: 232011
 Ion Ratio Lower Upper
 96 100
 61 197.7 132.7 246.4
 63 135.1 105.0 195.0

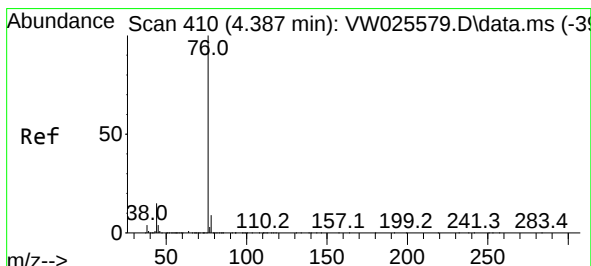
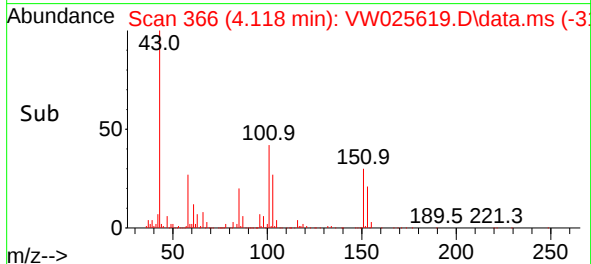
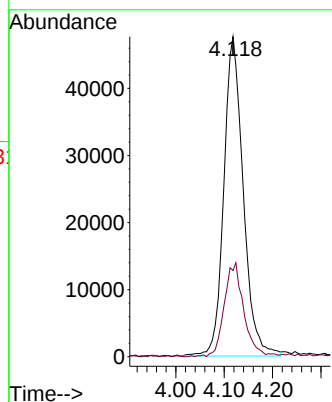
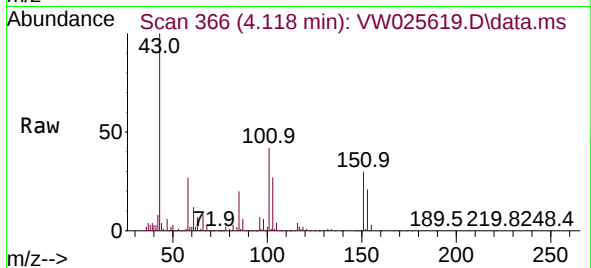




#13
Acetone
Concen: 63.877 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

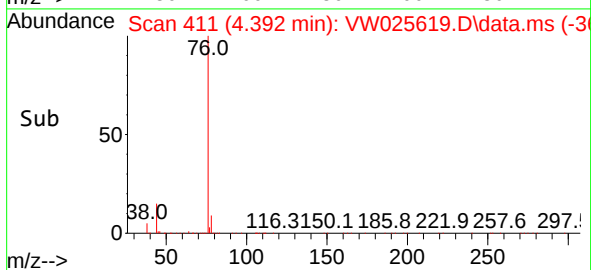
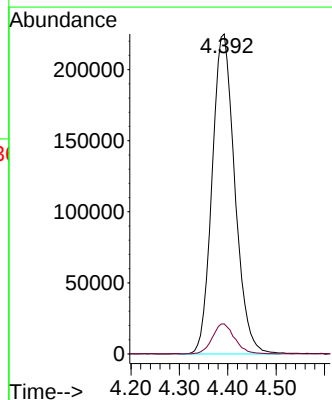
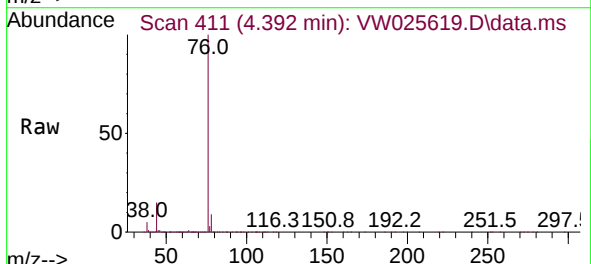
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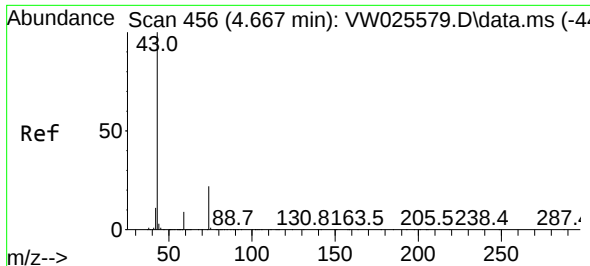
Tgt Ion: 43 Resp: 132835
Ion Ratio Lower Upper
43 100
58 29.0 0.0 57.4



#14
Carbon disulfide
Concen: 22.185 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 735247
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

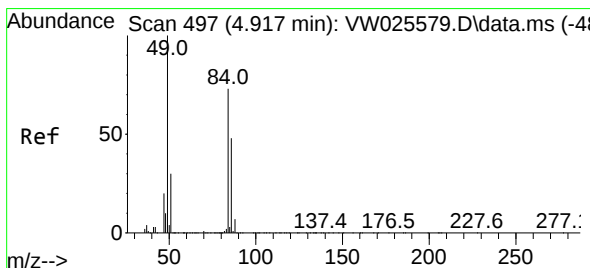
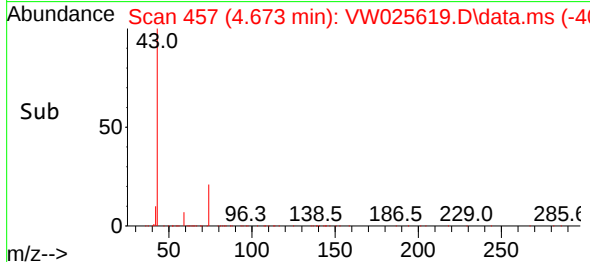
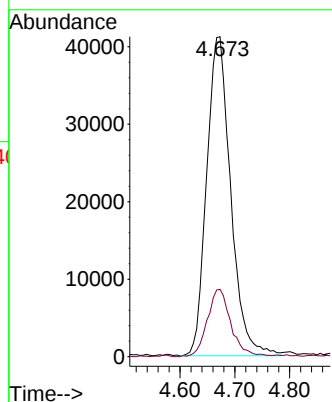
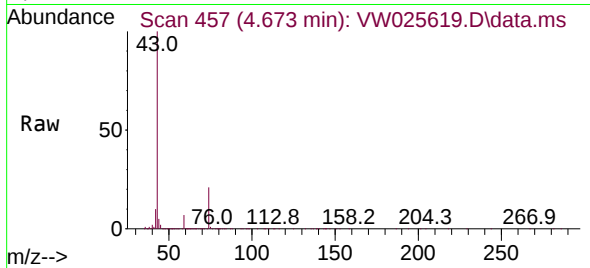




#15
Methyl Acetate
Concen: 26.845 ug/L
RT: 4.673 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

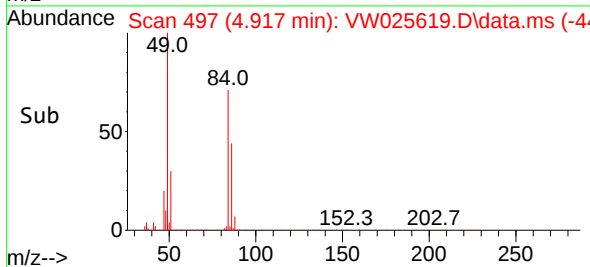
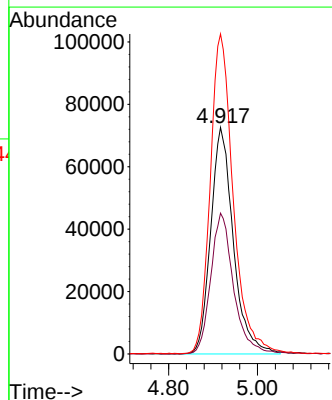
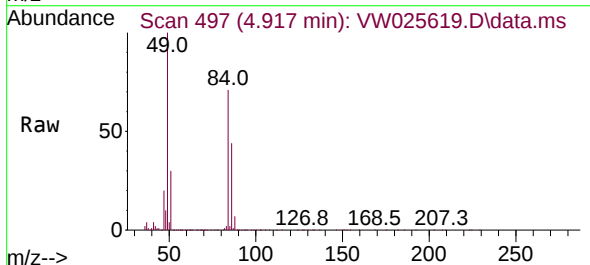
Instrument :
MSVOA_W
ClientSampleId :

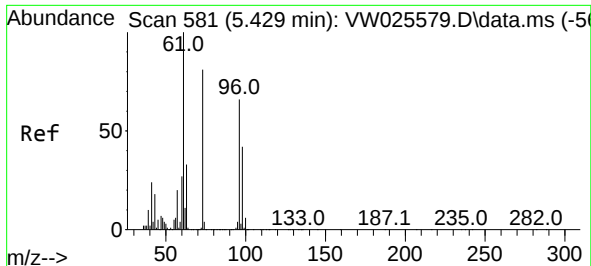
Tgt Ion: 43 Resp: 125422
Ion Ratio Lower Upper
43 100
74 20.4 17.0 25.4



#16
Methylene chloride
Concen: 23.881 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion: 84 Resp: 256918
Ion Ratio Lower Upper
84 100
86 62.1 44.9 83.3
49 141.2 101.4 188.4

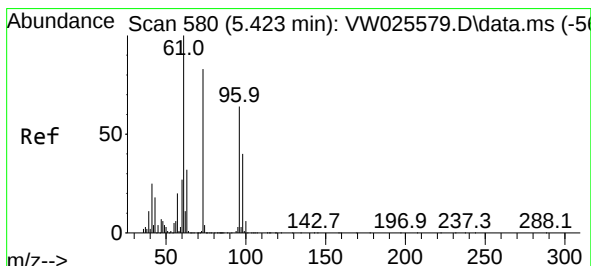
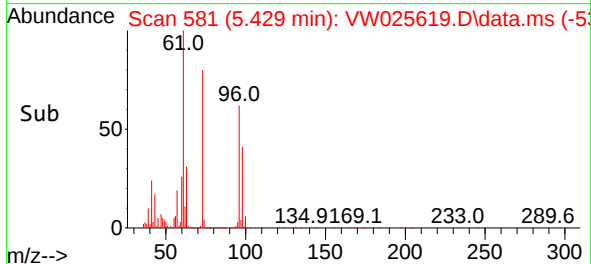
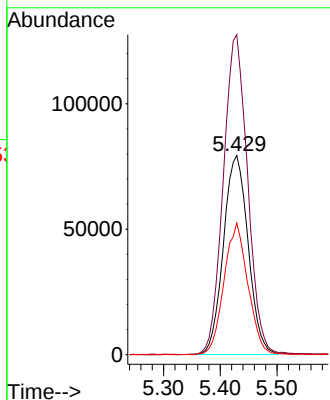
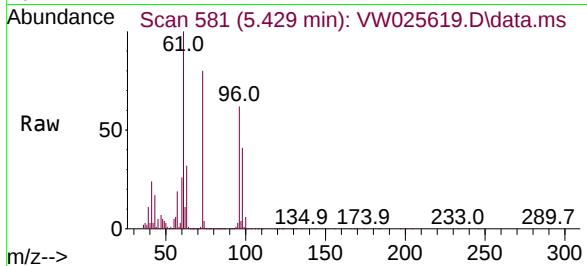




#17
trans-1,2-Dichloroethene
Concen: 24.070 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

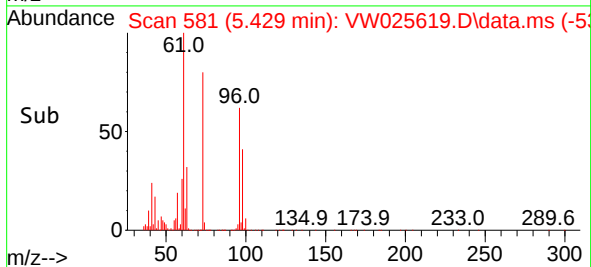
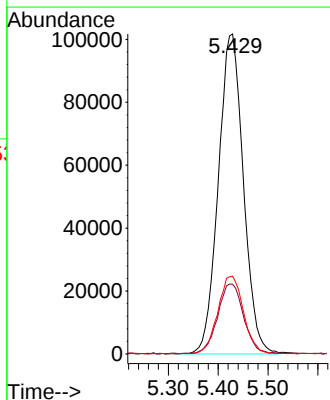
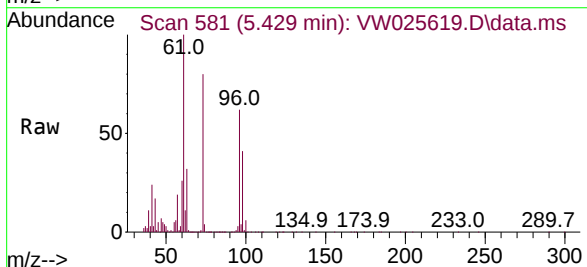
Instrument :
MSVOA_W
ClientSampleId :

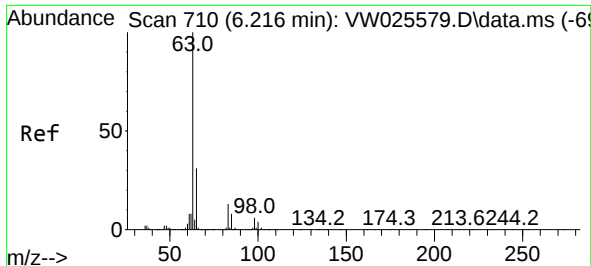
Tgt Ion: 96 Resp: 240386
Ion Ratio Lower Upper
96 100
61 160.6 113.3 210.3
98 66.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 25.745 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion: 73 Resp: 354829
Ion Ratio Lower Upper
73 100
43 22.4 17.8 26.6
57 24.8 19.0 28.6





#19

1,1-Dichloroethane

Concen: 25.453 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

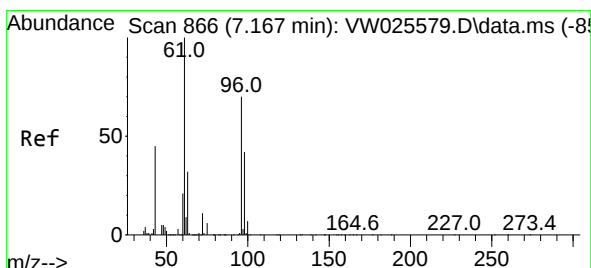
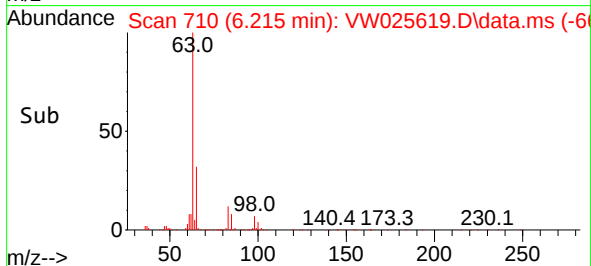
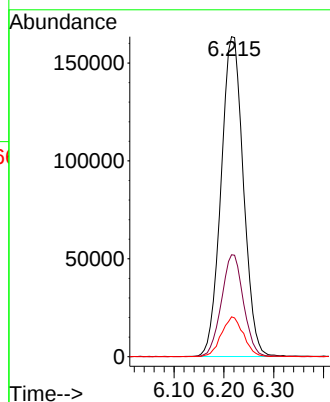
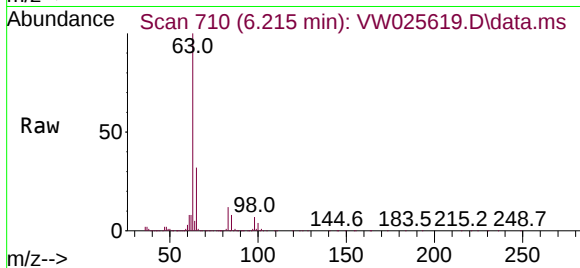
Tgt Ion: 63 Resp: 507871

Ion Ratio Lower Upper

63 100

65 31.9 21.9 40.7

83 12.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.237 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

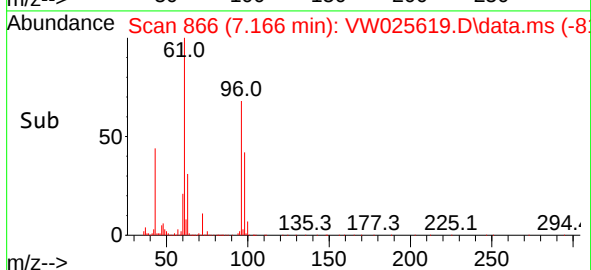
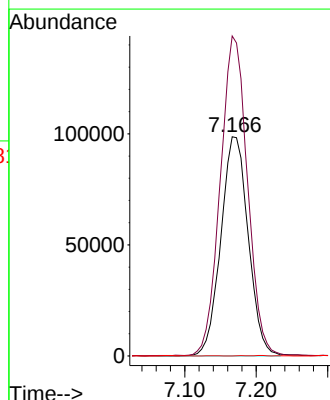
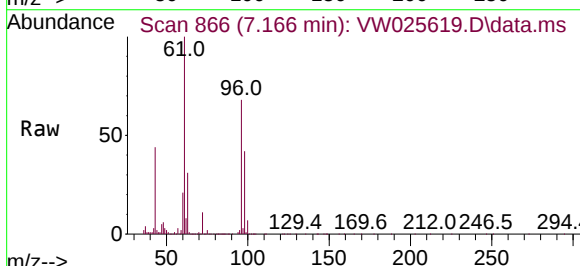
Tgt Ion: 96 Resp: 262240

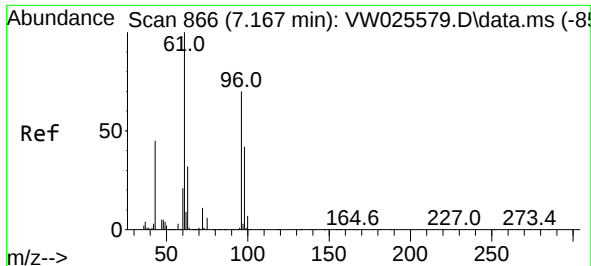
Ion Ratio Lower Upper

96 100

61 146.0 102.6 190.6

68 0.1 0.1 0.1

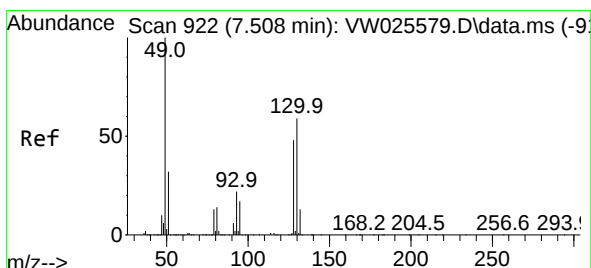
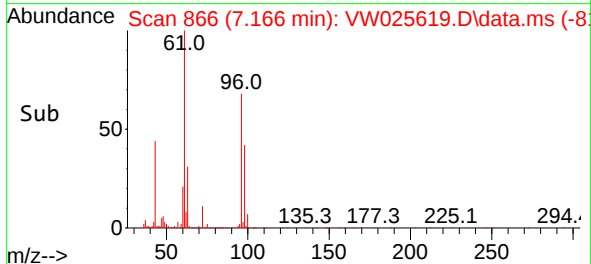
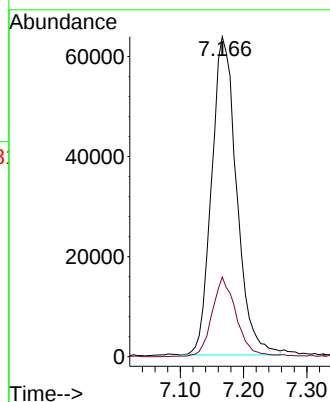
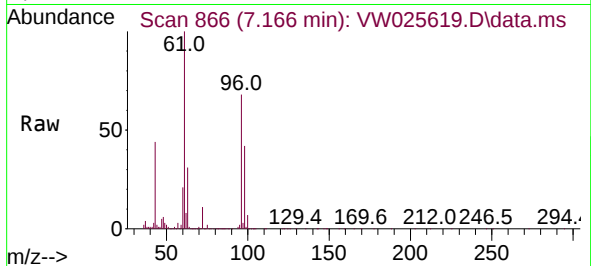




#22
2-Butanone
Concen: 59.147 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

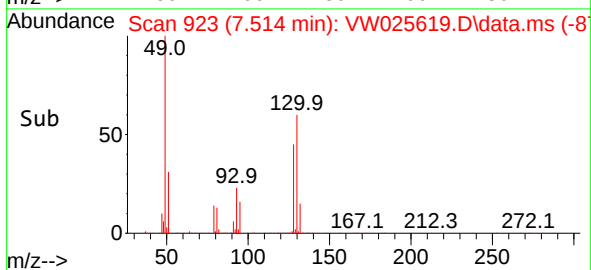
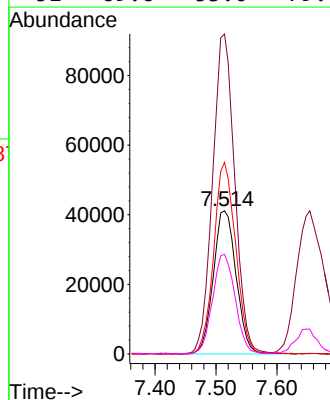
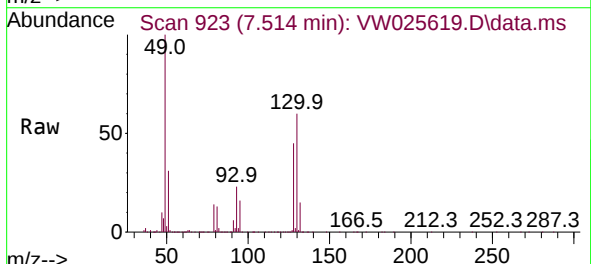
Instrument :
MSVOA_W
ClientSampleId :

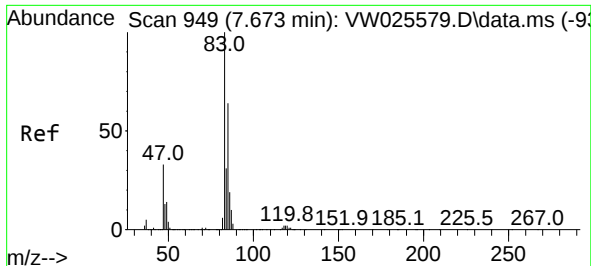
Tgt Ion: 43 Resp: 174855
Ion Ratio Lower Upper
43 100
72 23.8 12.0 36.0



#23
Bromochloromethane
Concen: 25.165 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion:128 Resp: 107236
Ion Ratio Lower Upper
128 100
49 223.4 141.7 263.3
130 133.7 86.7 160.9
51 69.6 53.0 79.6

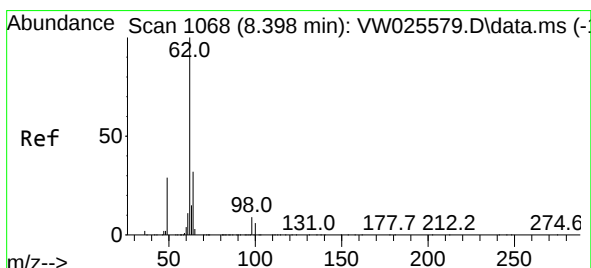
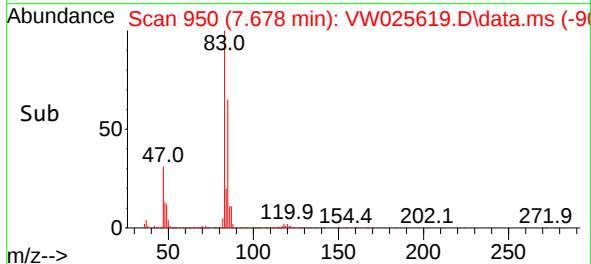
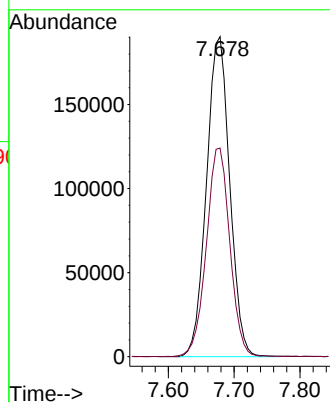
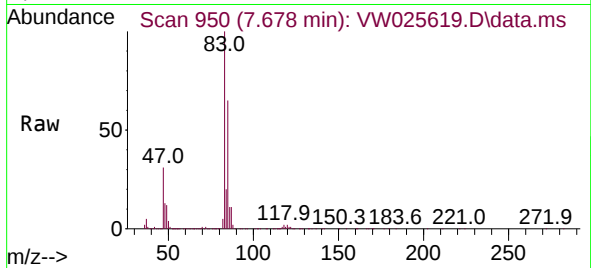




#25
Chloroform
Concen: 25.654 ug/L
RT: 7.678 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

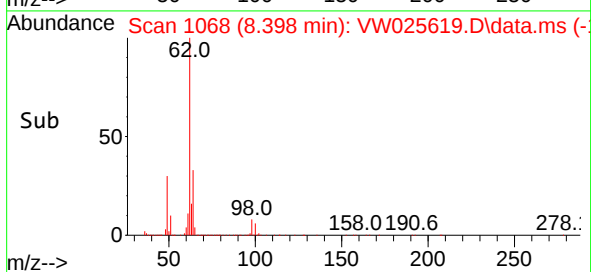
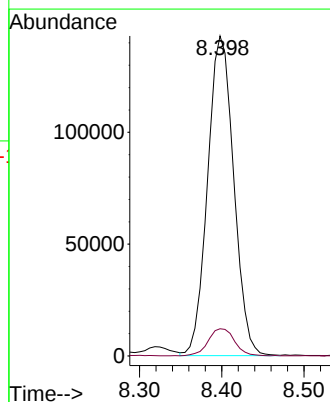
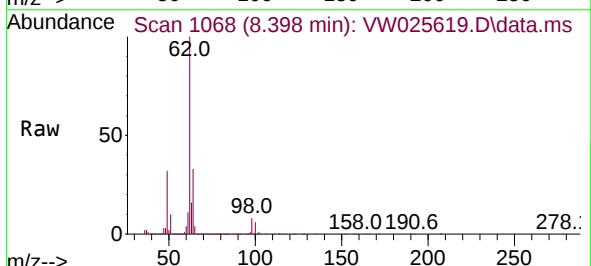
Instrument :
MSVOA_W
ClientSampleId :

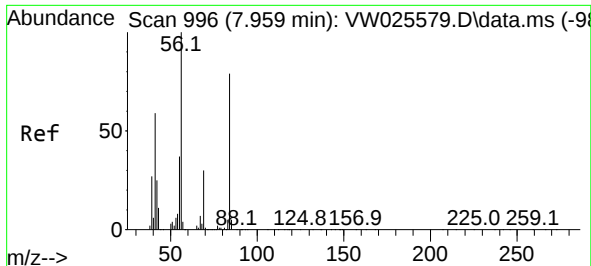
Tgt Ion: 83 Resp: 468111
Ion Ratio Lower Upper
83 100
85 65.2 45.8 85.2



#27
1,2-Dichloroethane
Concen: 25.793 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion: 62 Resp: 315826
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0





#29

Cyclohexane

Concen: 24.814 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

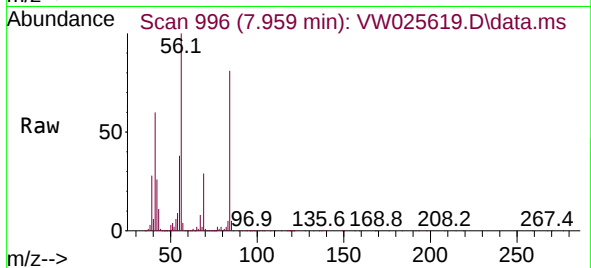
Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :



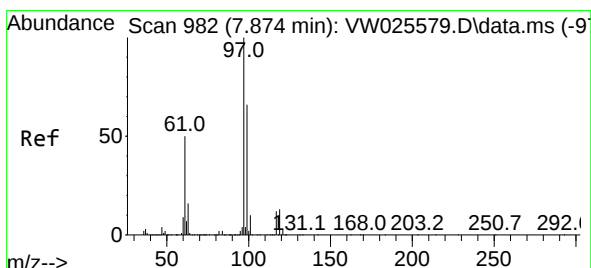
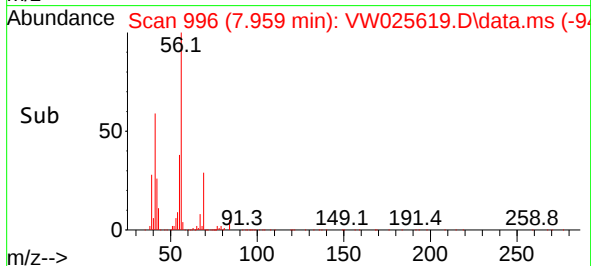
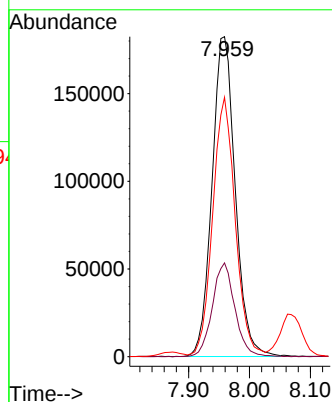
Tgt Ion: 56 Resp: 482920

Ion Ratio Lower Upper

56 100

69 28.5 22.7 34.1

84 78.9 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 25.606 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

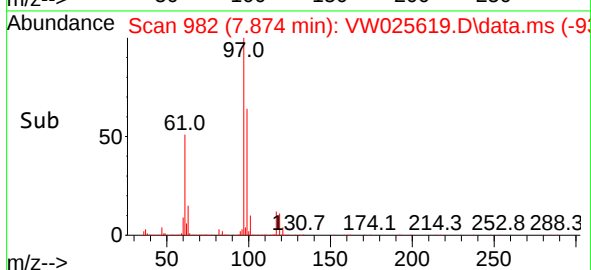
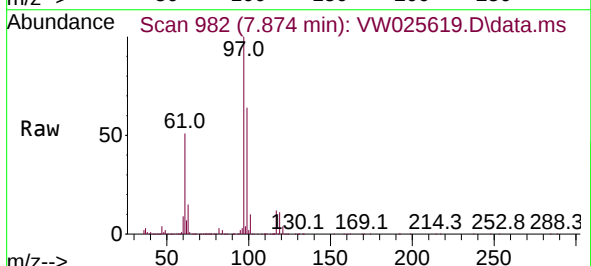
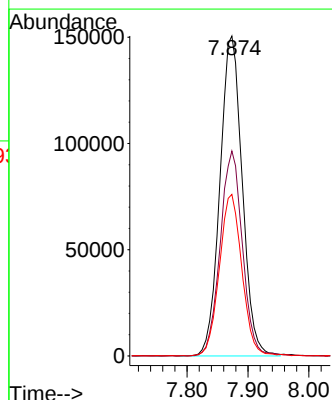
Tgt Ion: 97 Resp: 382559

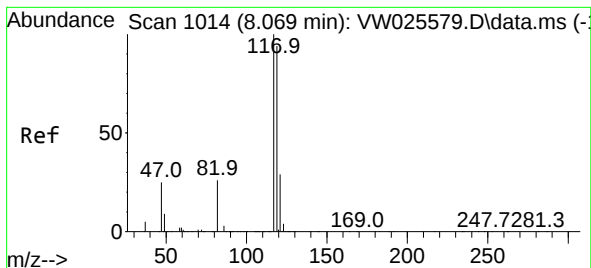
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 51.0 40.5 60.7





#31

Carbon tetrachloride

Concen: 25.622 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

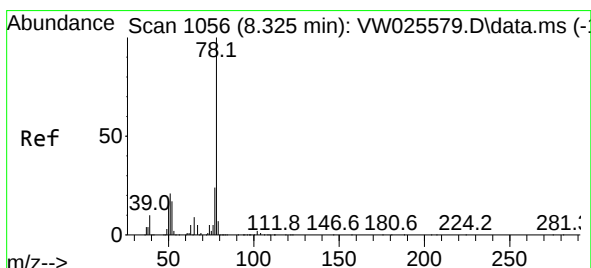
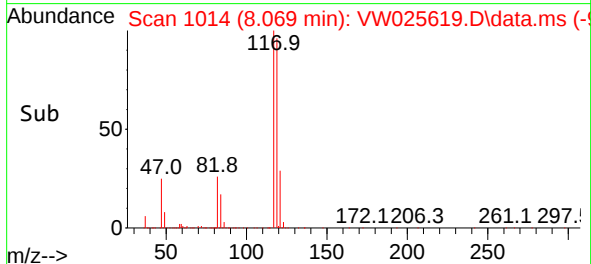
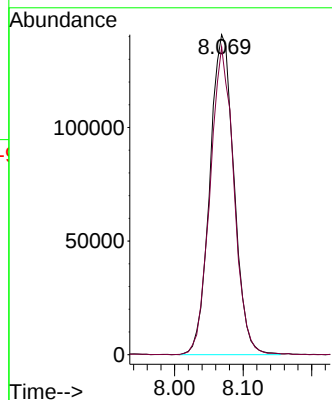
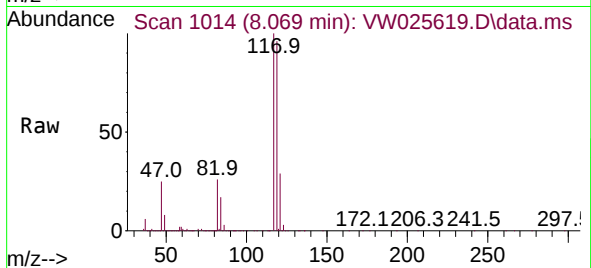
ClientSampleId :

Tgt Ion:117 Resp: 345693

Ion Ratio Lower Upper

117 100

119 94.4 75.7 113.5



#33

Benzene

Concen: 25.114 ug/L

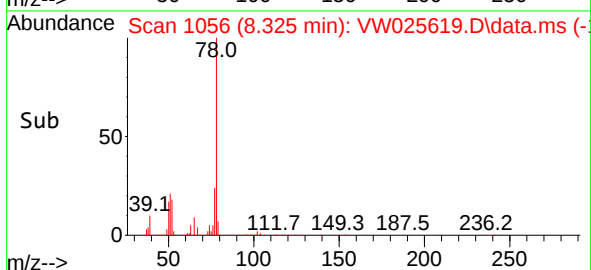
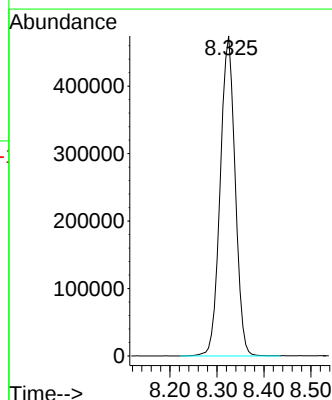
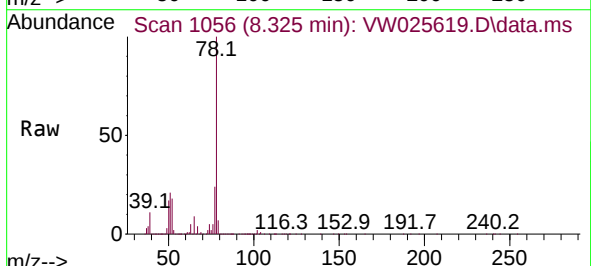
RT: 8.325 min Scan# 1056

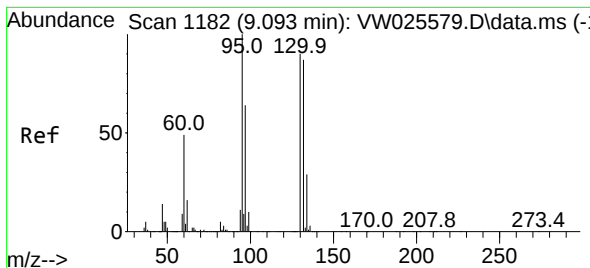
Delta R.T. 0.006 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Tgt Ion: 78 Resp: 1051039





#34

Trichloroethene

Concen: 24.527 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

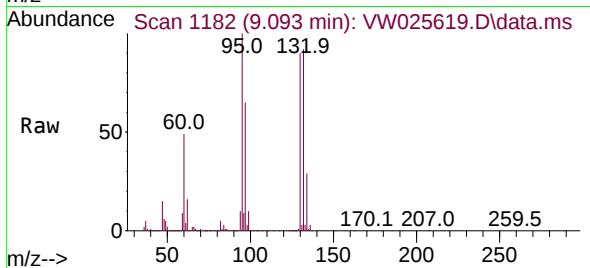
Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 267004

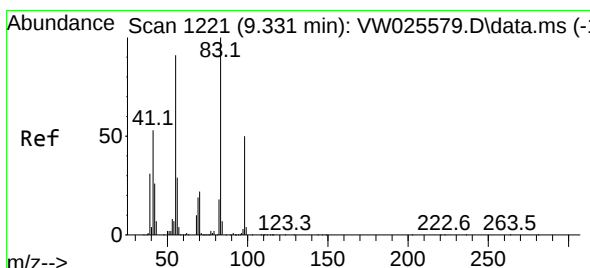
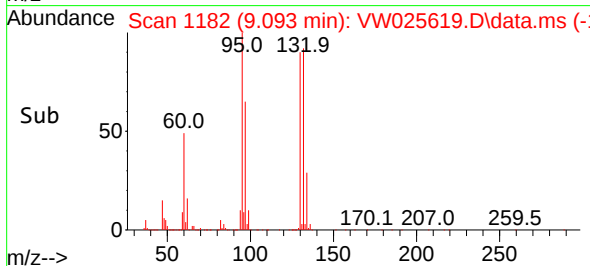
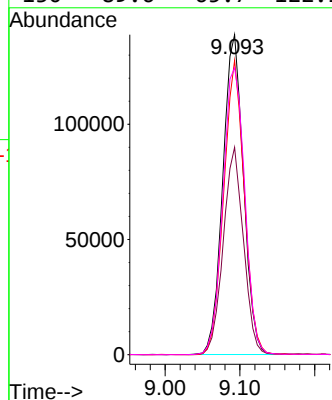
Ion Ratio Lower Upper

95 100

97 64.8 42.5 78.9

132 91.9 59.8 111.1

130 89.6 65.7 122.1



#35

Methylcyclohexane

Concen: 24.477 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

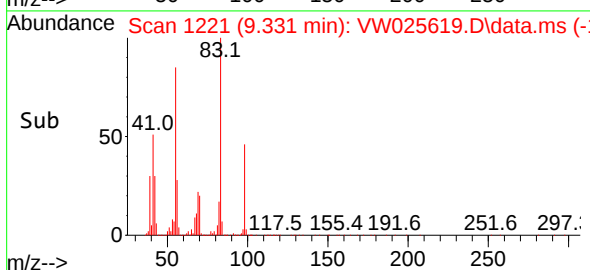
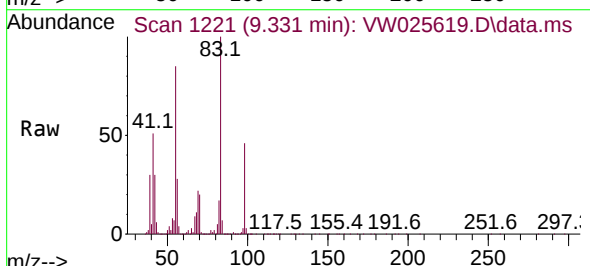
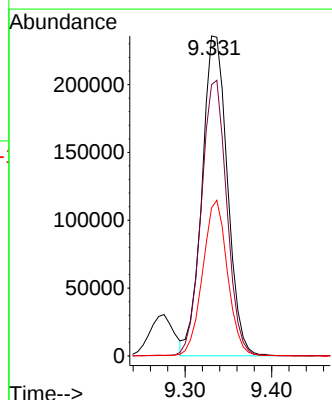
Tgt Ion: 83 Resp: 481152

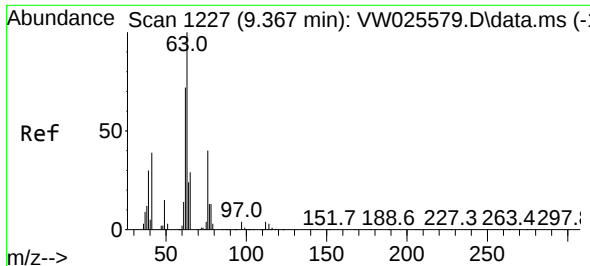
Ion Ratio Lower Upper

83 100

55 86.3 68.7 103.1

98 47.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.743 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

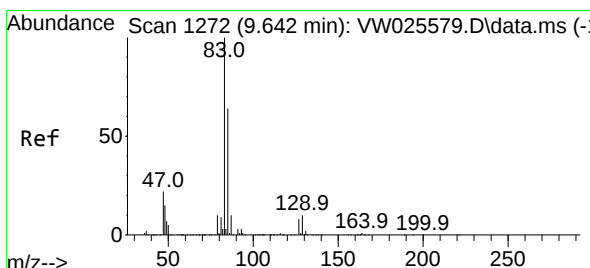
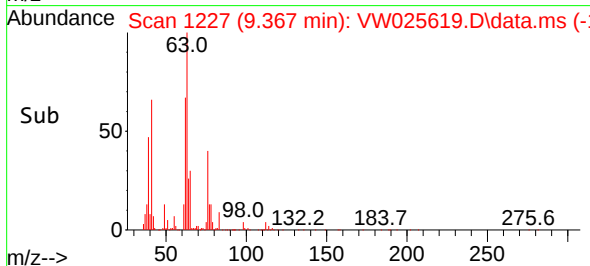
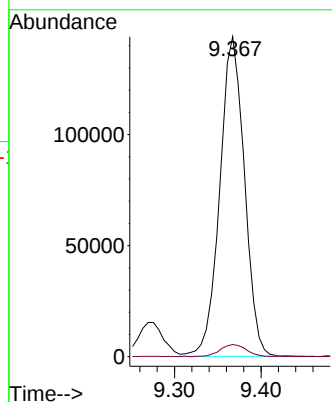
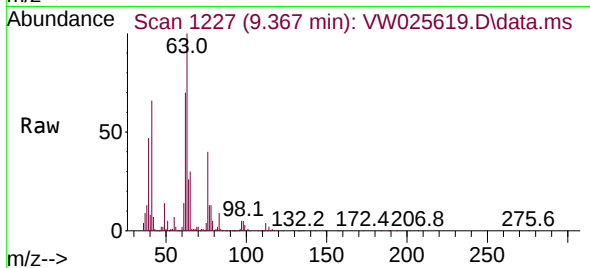
ClientSampleId :

Tgt Ion: 63 Resp: 284535

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 25.529 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

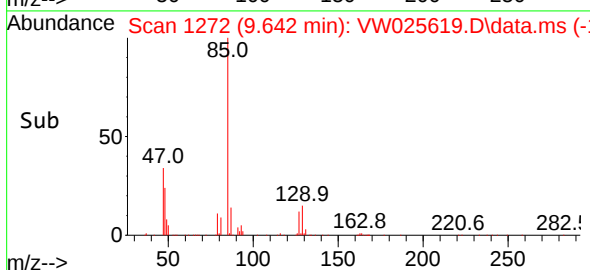
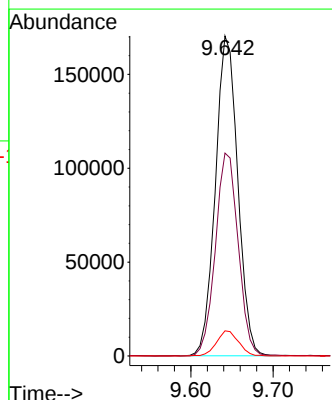
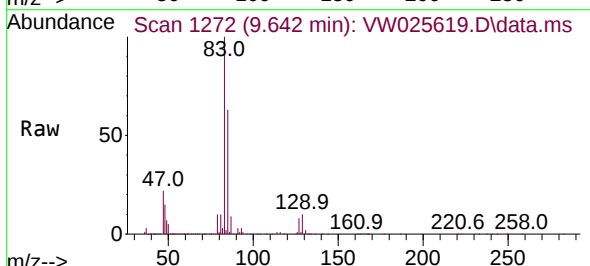
Tgt Ion: 83 Resp: 322847

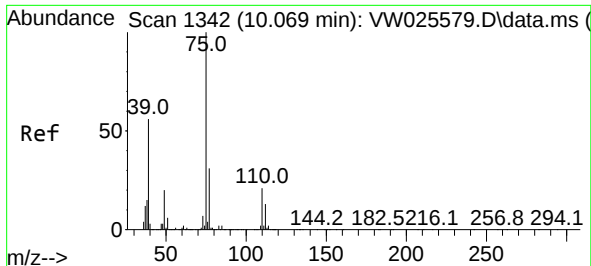
Ion Ratio Lower Upper

83 100

85 63.4 43.5 80.7

127 7.8 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 25.890 ug/L

RT: 10.074 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

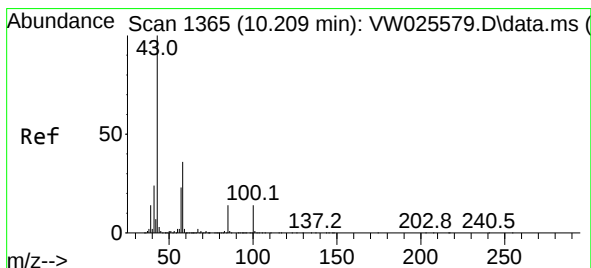
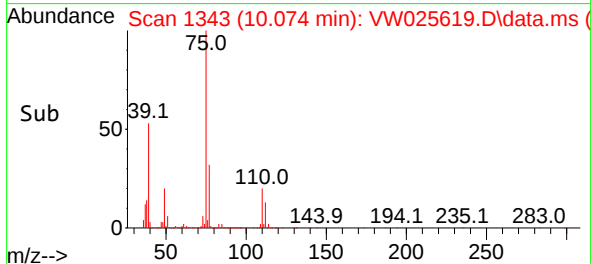
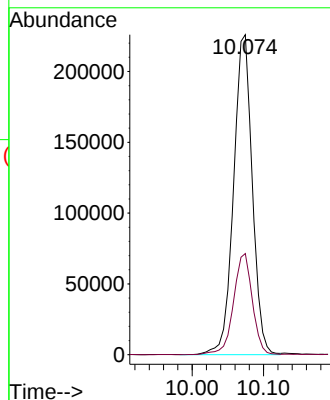
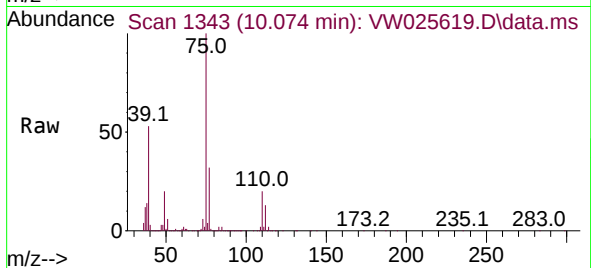
ClientSampleId :

Tgt Ion: 75 Resp: 410479

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 55.403 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

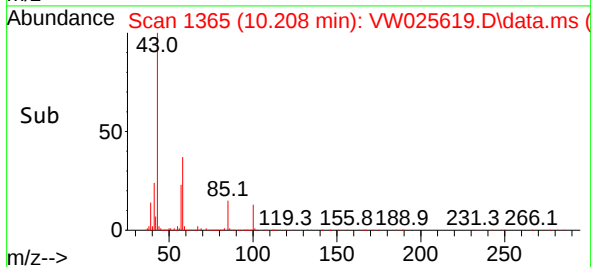
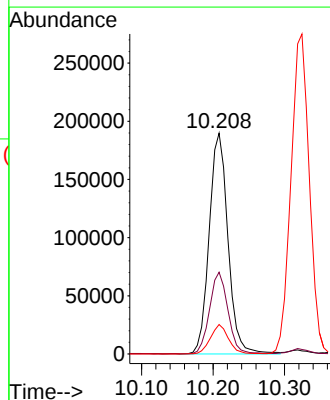
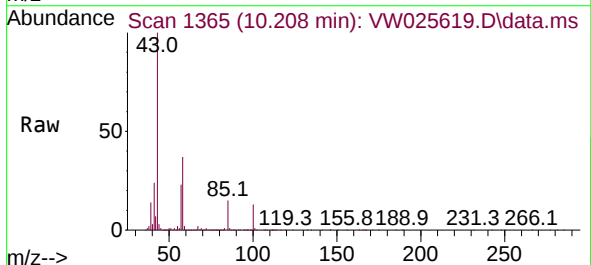
Tgt Ion: 43 Resp: 346613

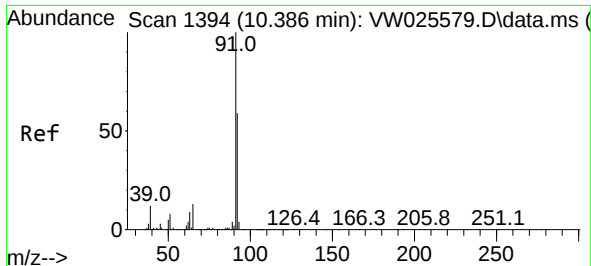
Ion Ratio Lower Upper

43 100

58 36.4 29.2 43.8

100 12.6 10.2 15.4

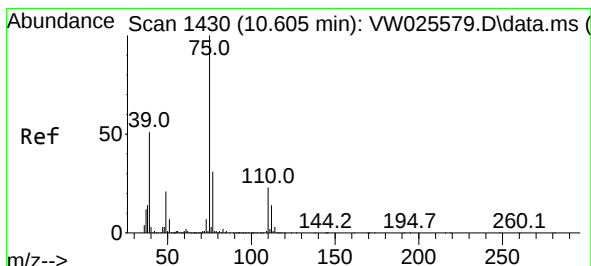
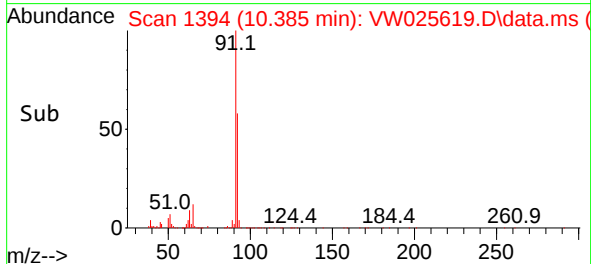
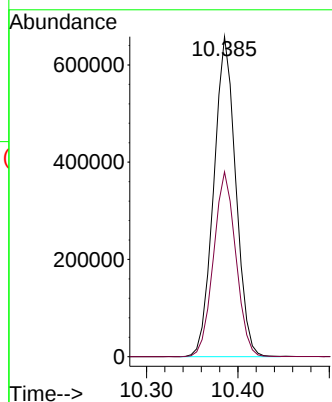
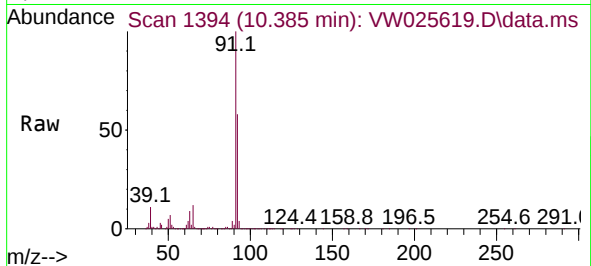




#42
Toluene
Concen: 25.807 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

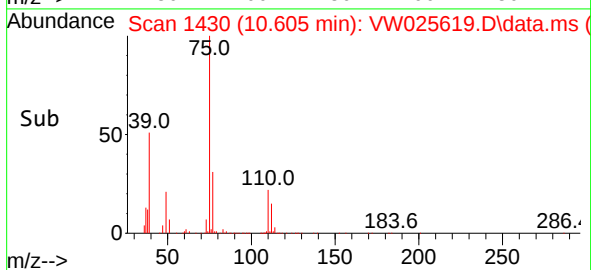
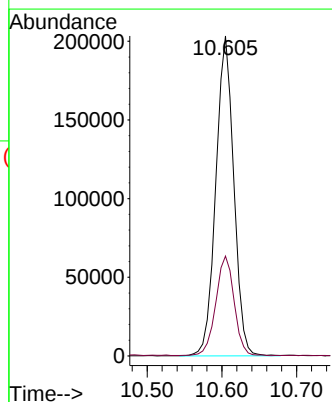
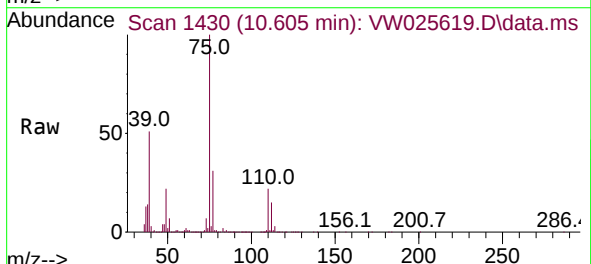
Instrument :
MSVOA_W
ClientSampleId :

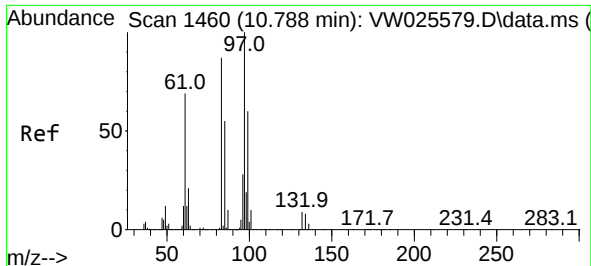
Tgt Ion: 91 Resp: 1099811
Ion Ratio Lower Upper
91 100
92 57.7 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 26.012 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

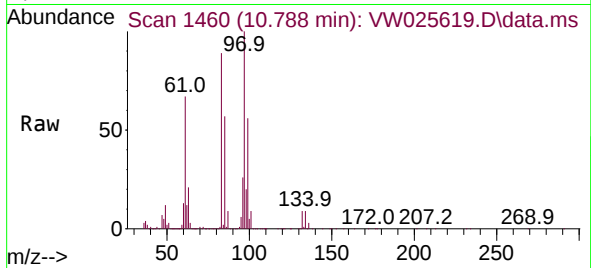
Tgt Ion: 75 Resp: 340076
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.9



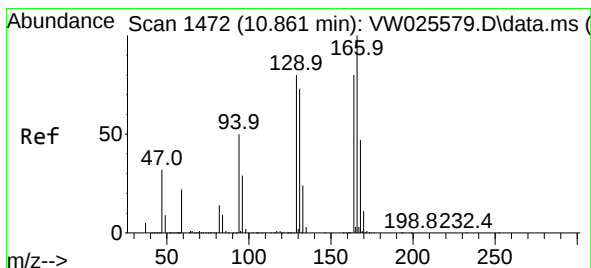
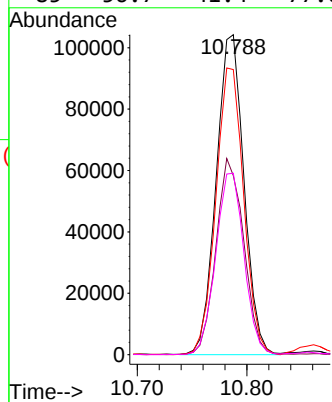
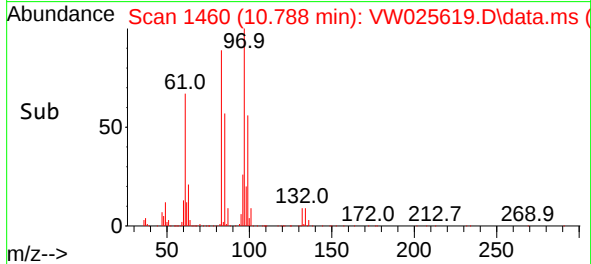


#45
1,1,2-Trichloroethane
Concen: 26.018 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

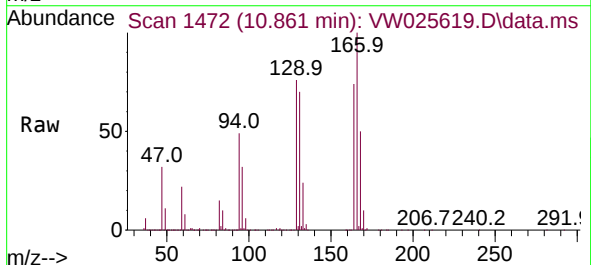
Instrument :
MSVOA_W
ClientSampleId :



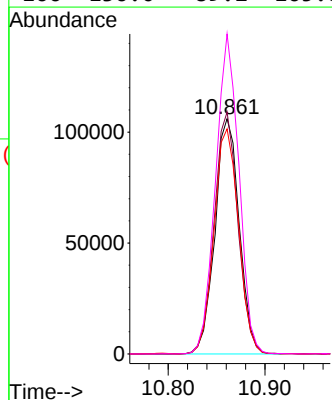
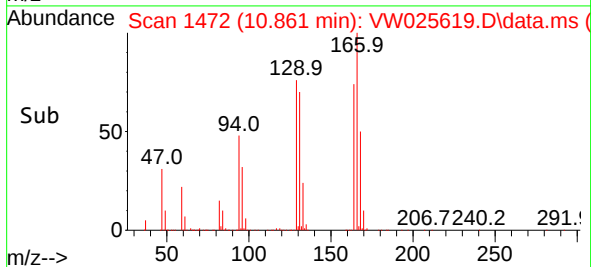
Tgt Ion: 97 Resp: 183366
Ion Ratio Lower Upper
97 100
99 56.0 43.8 81.3
83 89.1 61.8 114.8
85 56.7 41.4 77.0

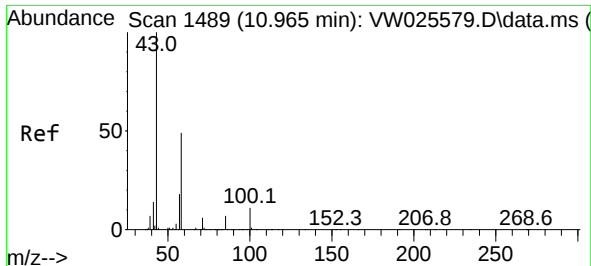


#46
Tetrachloroethene
Concen: 24.085 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46



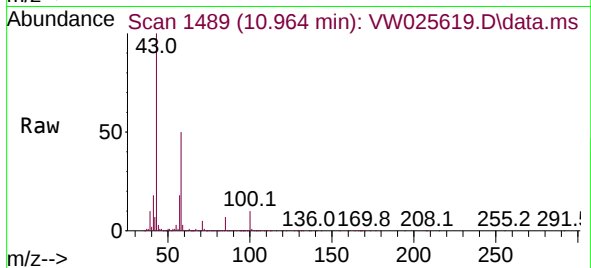
Tgt Ion:164 Resp: 184402
Ion Ratio Lower Upper
164 100
129 102.9 76.9 142.9
131 95.7 70.5 130.9
166 136.0 89.2 165.8





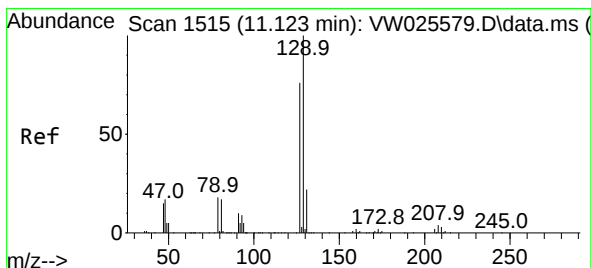
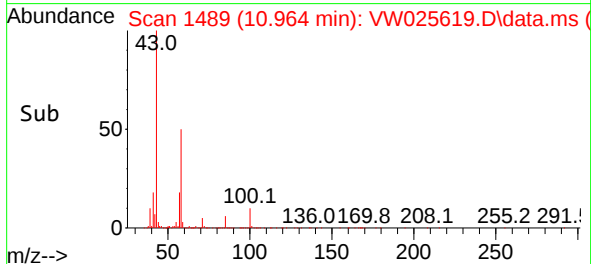
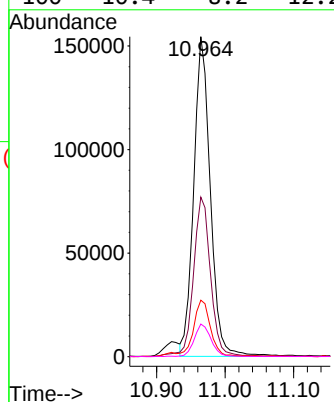
#48
2-Hexanone
Concen: 60.237 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 260384

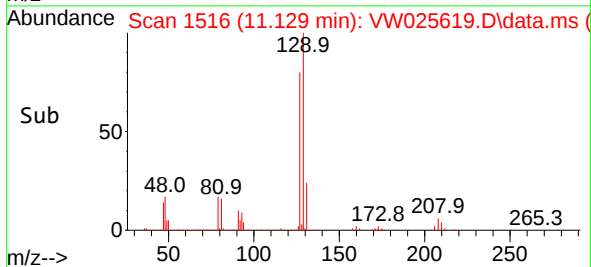
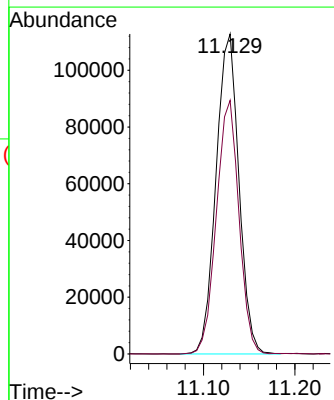
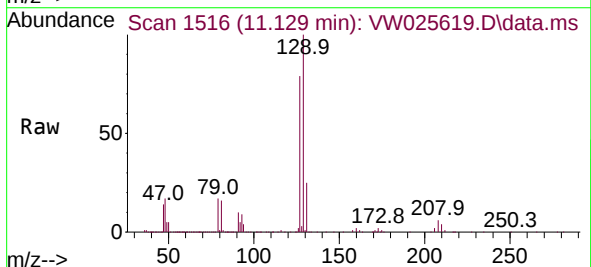
Ion	Ratio	Lower	Upper
43	100		
58	51.2	38.6	57.8
57	17.9	13.9	20.9
100	10.4	8.2	12.2

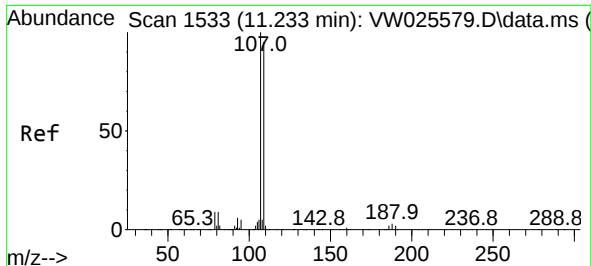


#49
Dibromochloromethane
Concen: 26.426 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion: 129 Resp: 196087

Ion	Ratio	Lower	Upper
129	100		
127	79.2	54.0	100.2





#50

1,2-Dibromoethane

Concen: 25.805 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

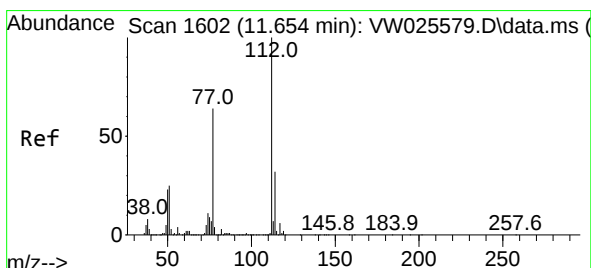
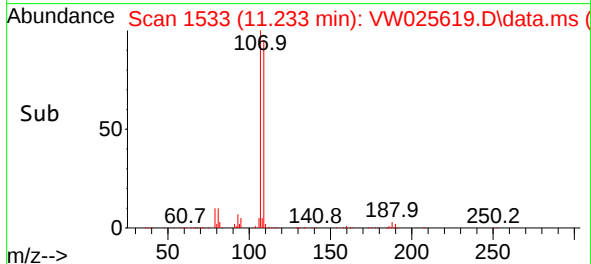
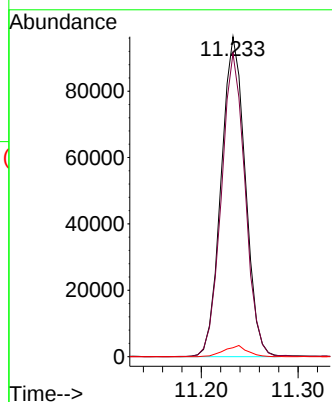
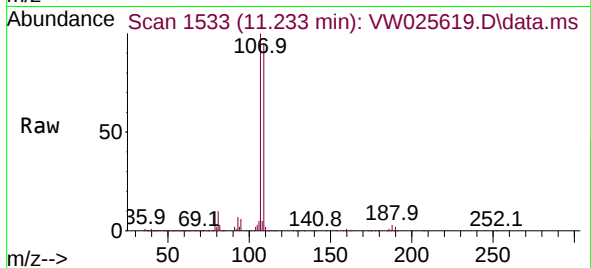
Tgt Ion:107 Resp: 167098

Ion Ratio Lower Upper

107 100

109 94.8 64.1 119.1

188 2.8 2.8 4.2#



#51

Chlorobenzene

Concen: 25.024 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

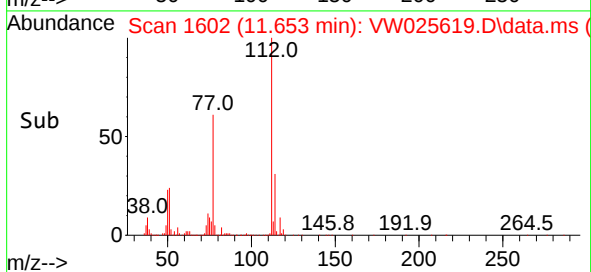
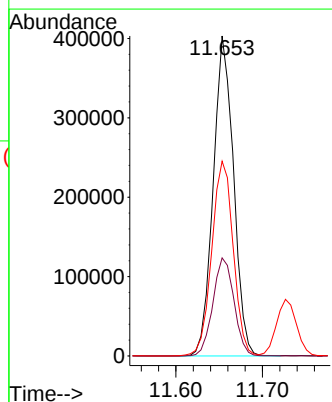
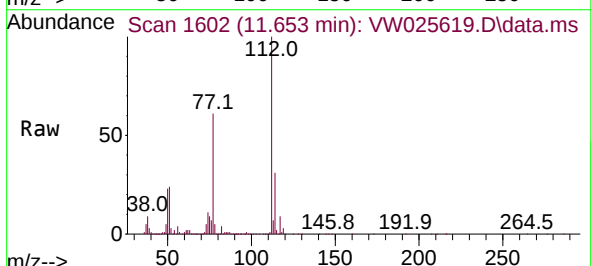
Tgt Ion:112 Resp: 657136

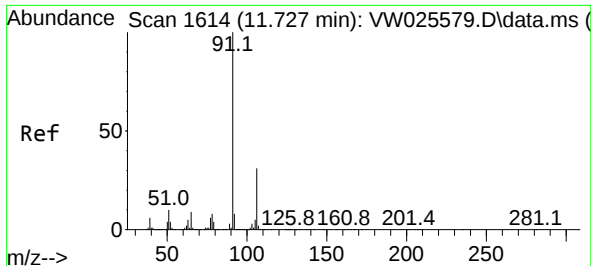
Ion Ratio Lower Upper

112 100

114 30.7 21.6 40.2

77 60.8 50.2 75.2

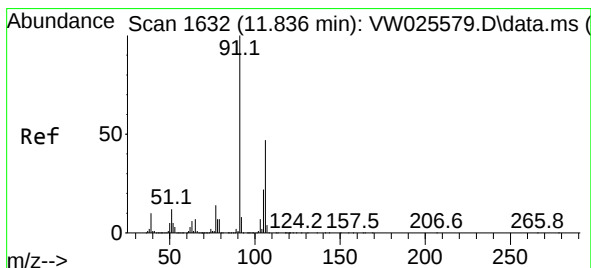
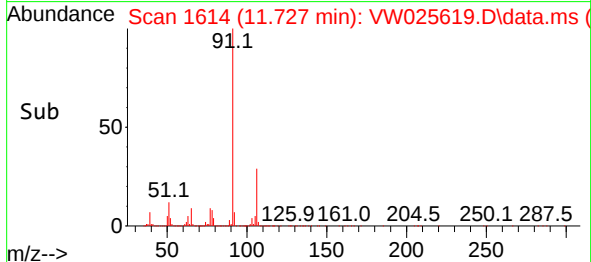
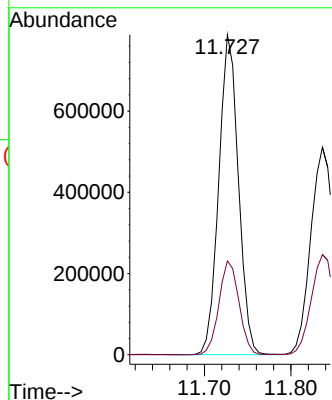
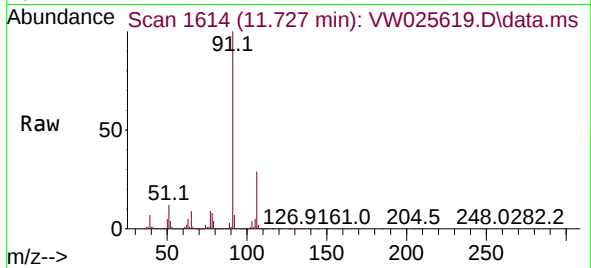




#52
Ethylbenzene
Concen: 25.720 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

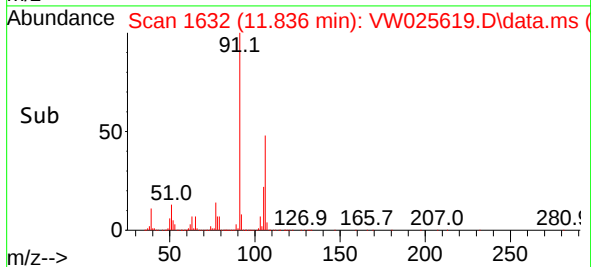
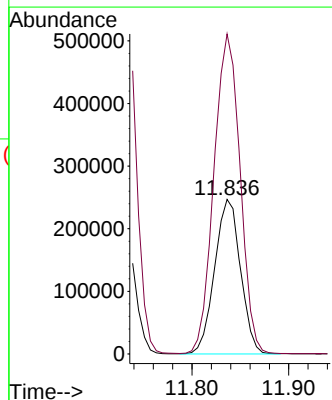
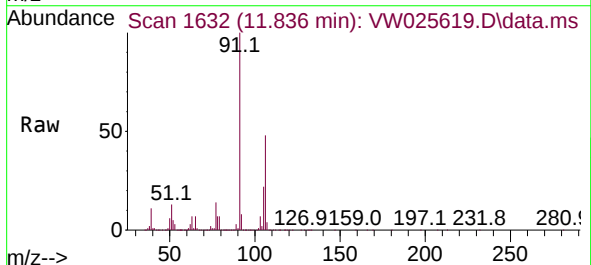
Instrument :
MSVOA_W
ClientSampleId :

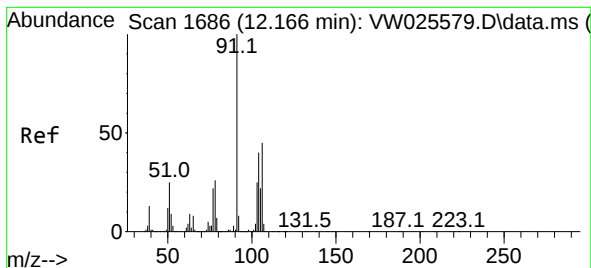
Tgt Ion: 91 Resp: 1240371
Ion Ratio Lower Upper
91 100
106 29.3 20.3 37.7



#53
m,p-Xylene
Concen: 25.840 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion:106 Resp: 456994
Ion Ratio Lower Upper
106 100
91 207.1 148.0 274.8

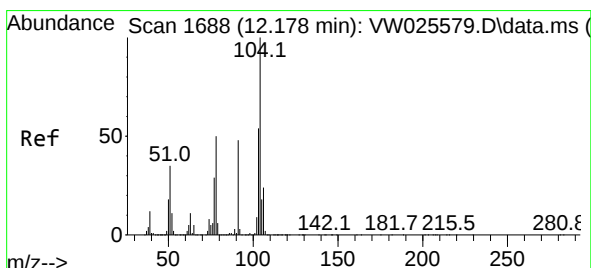
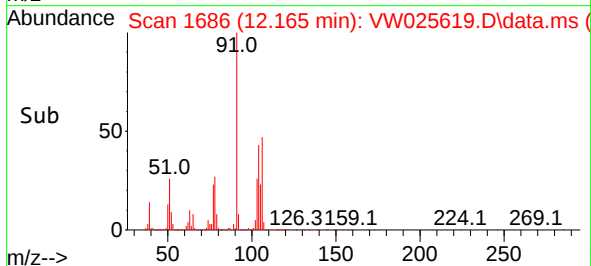
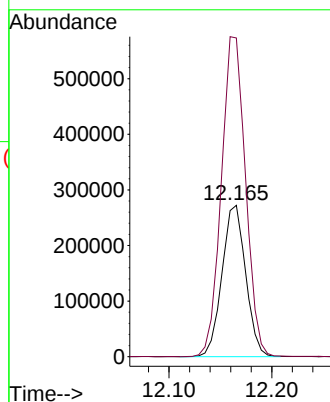
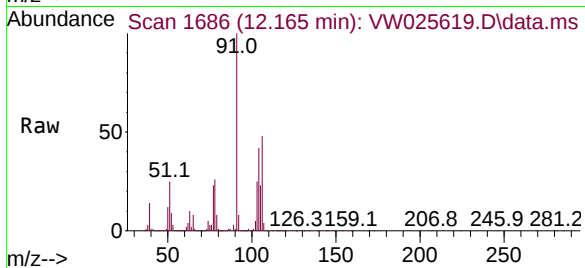




#54
o-Xylene
Concen: 26.283 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

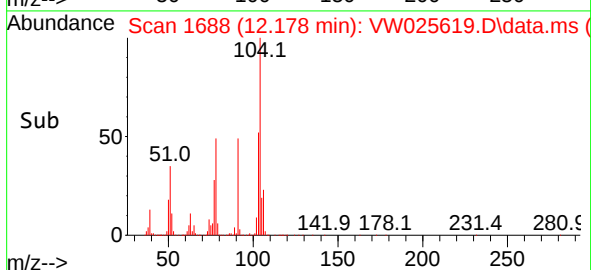
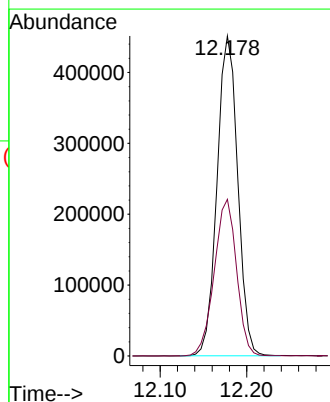
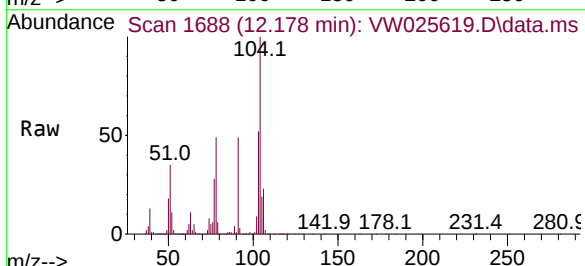
Instrument :
MSVOA_W
ClientSampleId :

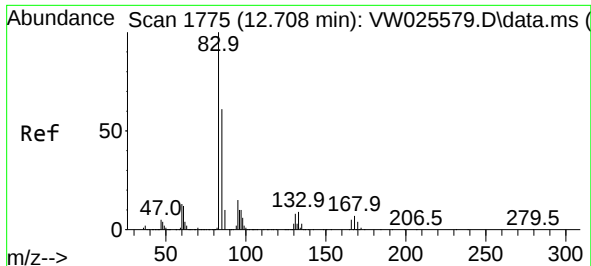
Tgt Ion:106 Resp: 434850
Ion Ratio Lower Upper
106 100
91 210.5 158.2 293.8



#55
Styrene
Concen: 26.909 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion:104 Resp: 749358
Ion Ratio Lower Upper
104 100
78 49.0 33.3 61.9





#57

1,1,2-Tetrachloroethane

Concen: 26.569 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

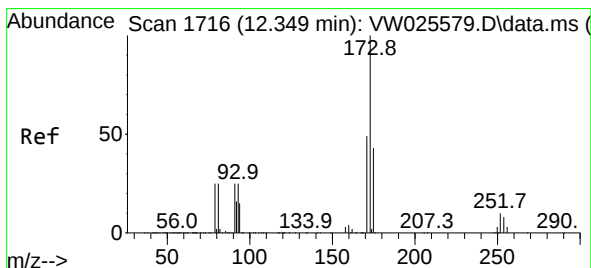
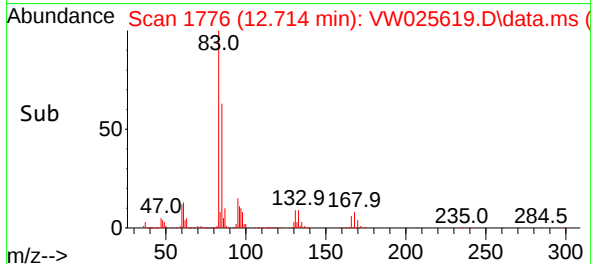
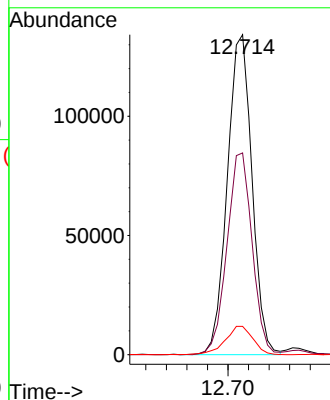
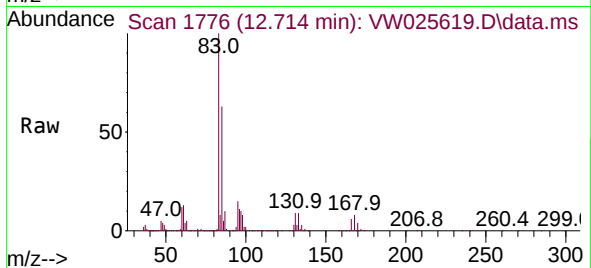
Tgt Ion: 83 Resp: 224289

Ion Ratio Lower Upper

83 100

85 63.1 43.5 80.7

131 8.9 7.0 10.4



#59

Bromoform

Concen: 26.508 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

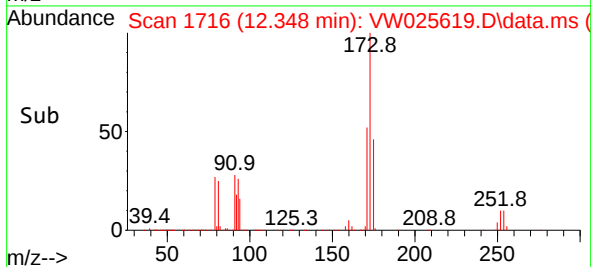
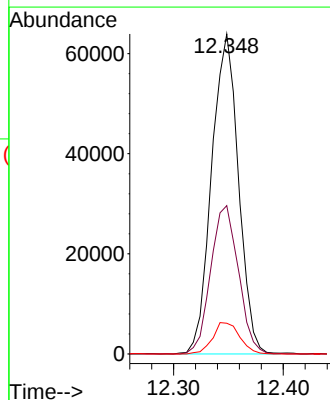
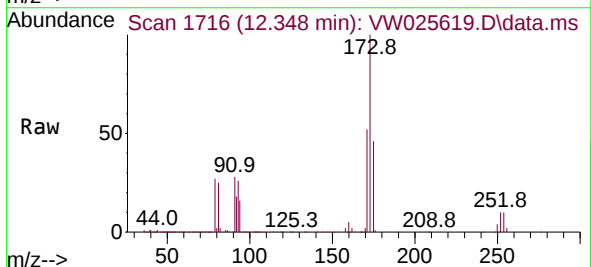
Tgt Ion:173 Resp: 108827

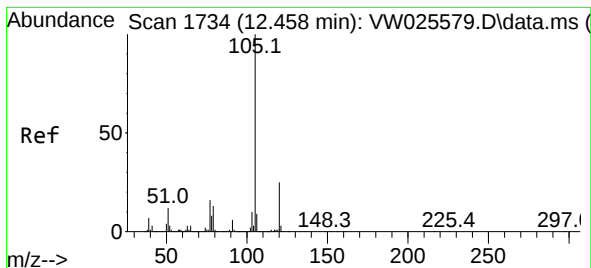
Ion Ratio Lower Upper

173 100

175 47.8 36.1 54.1

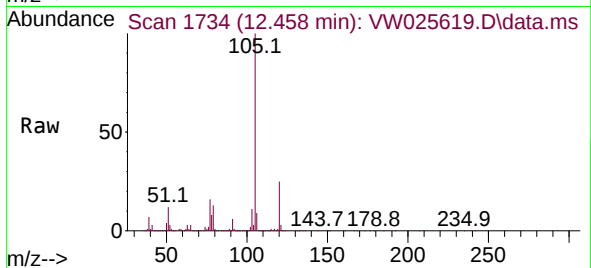
254 9.9 7.0 10.6



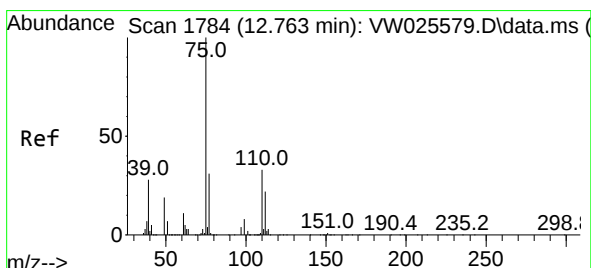
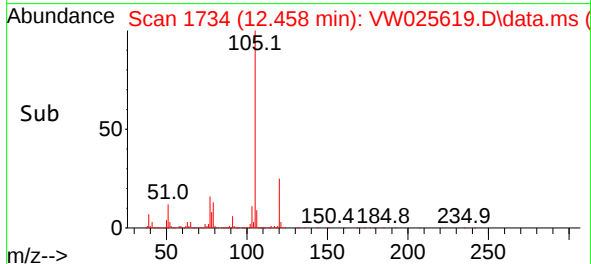
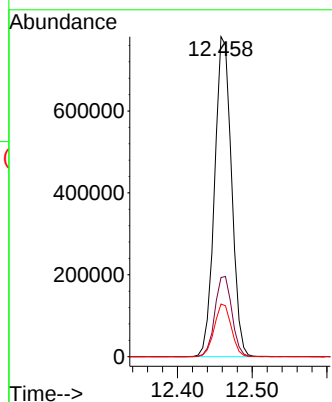


#60
Isopropylbenzene
Concen: 26.183 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Instrument :
MSVOA_W
ClientSampleId :

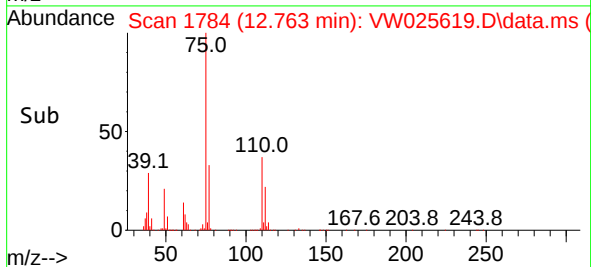
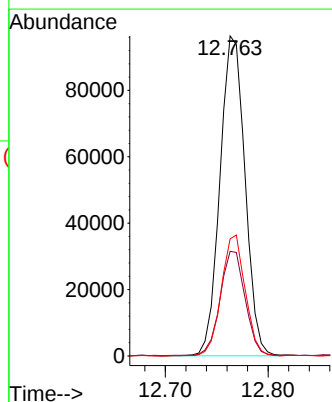
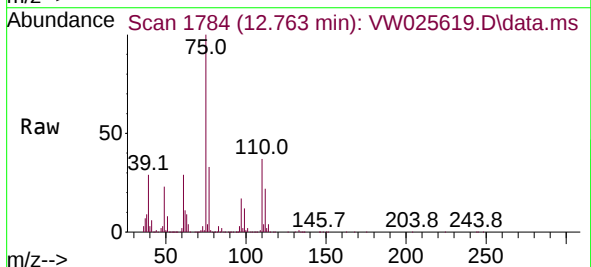


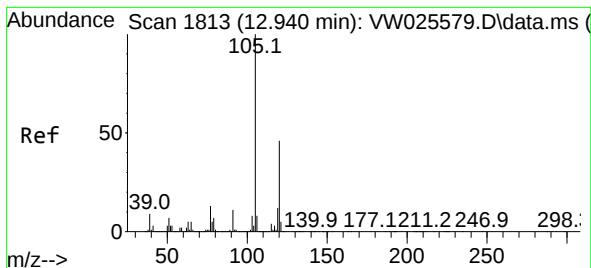
Tgt Ion:105 Resp: 1228801
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 26.202 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion: 75 Resp: 162703
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2
110 36.2 29.0 43.6

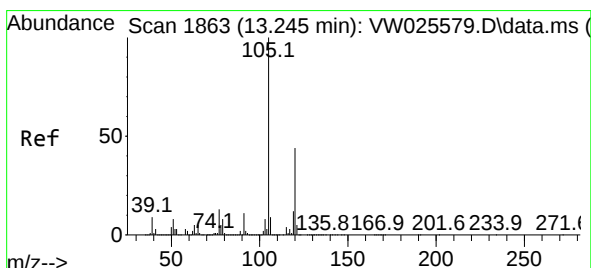
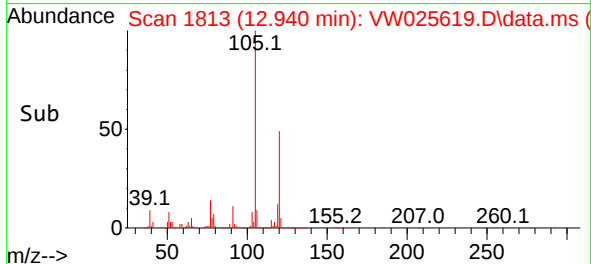
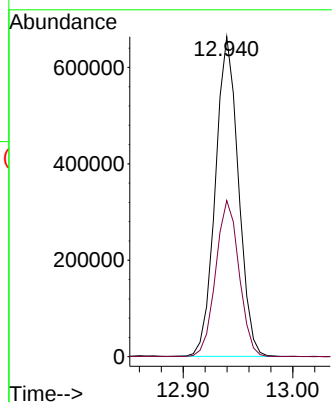
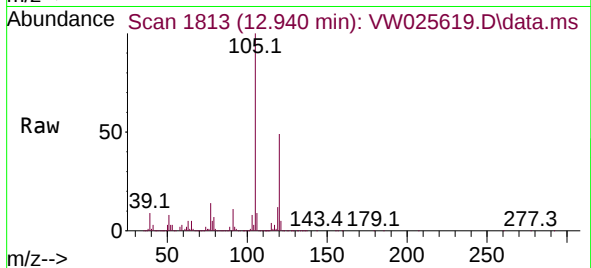




#62
1,3,5-Trimethylbenzene
Concen: 26.159 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

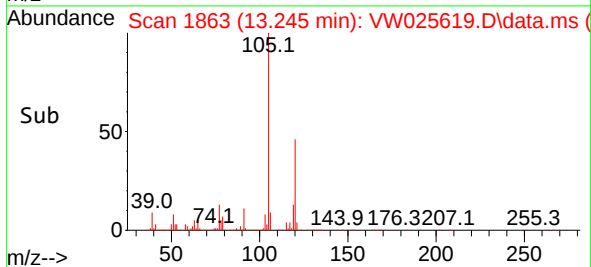
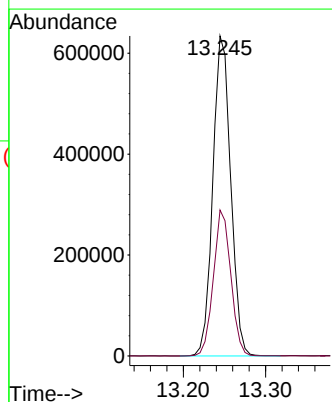
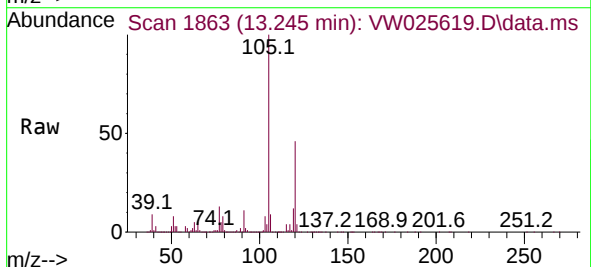
Instrument :
MSVOA_W
ClientSampleId :

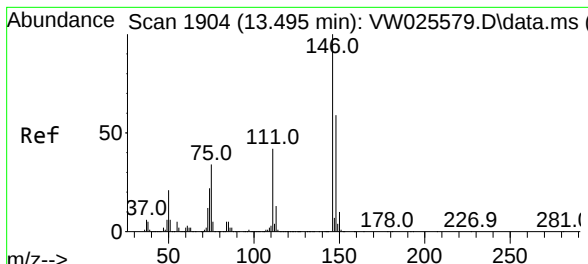
Tgt Ion:105 Resp: 969161
Ion Ratio Lower Upper
105 100
120 49.6 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 26.815 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025619.D
Acq: 21 Apr 2023 08:46

Tgt Ion:105 Resp: 956607
Ion Ratio Lower Upper
105 100
120 44.6 34.8 52.2



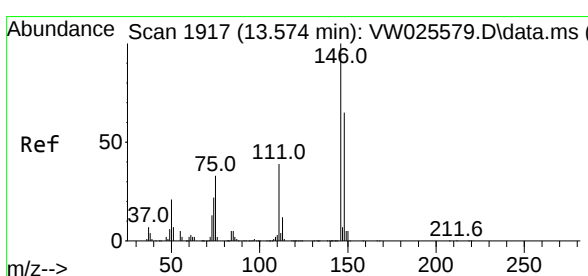
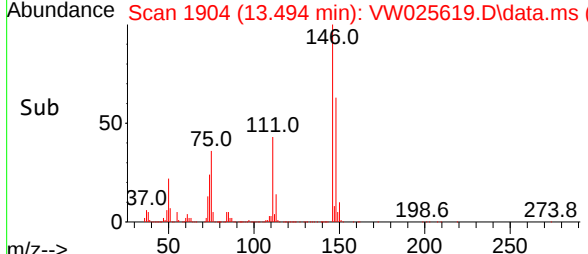
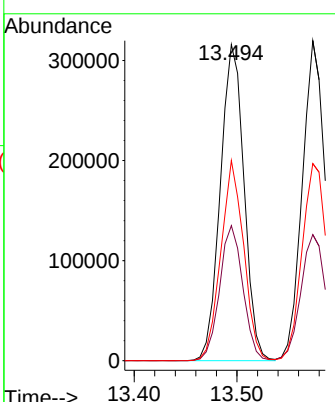
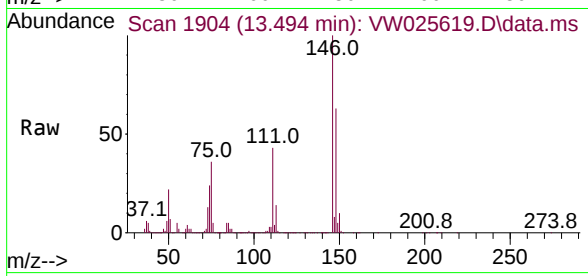


#64
 1,3-Dichlorobenzene
 Concen: 26.016 ug/L
 RT: 13.494 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW025619.D
 Acq: 21 Apr 2023 08:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 505978

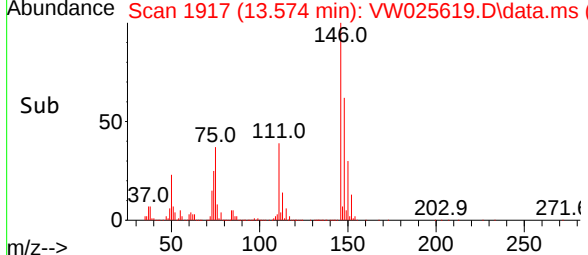
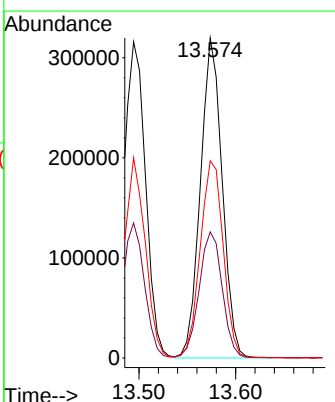
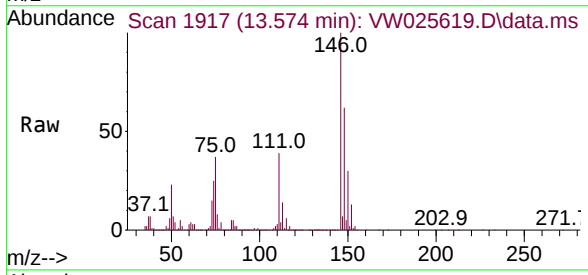
Ion	Ratio	Lower	Upper
146	100		
111	42.7	29.7	55.1
148	63.4	43.4	80.6

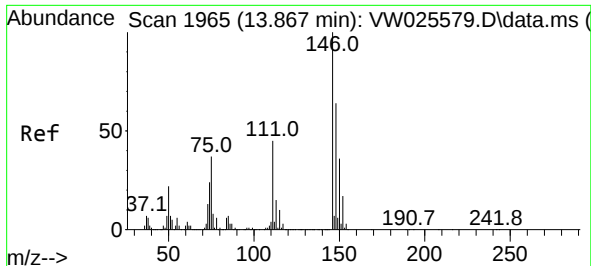


#65
 1,4-Dichlorobenzene
 Concen: 25.236 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW025619.D
 Acq: 21 Apr 2023 08:46

Tgt Ion:146 Resp: 501235

Ion	Ratio	Lower	Upper
146	100		
111	39.4	30.4	56.5
148	61.6	48.6	90.3





#67

1,2-Dichlorobenzene

Concen: 25.925 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

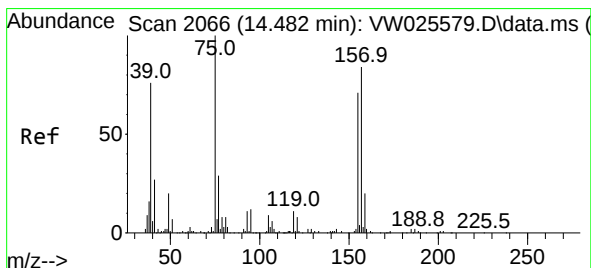
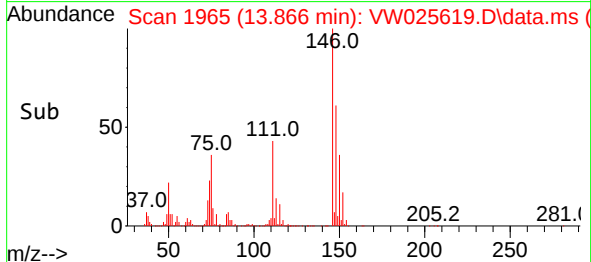
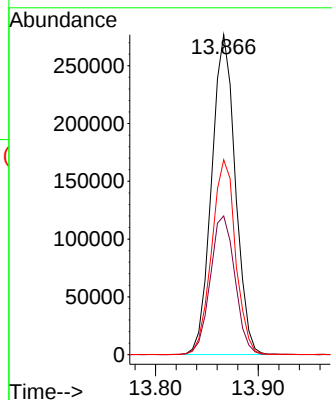
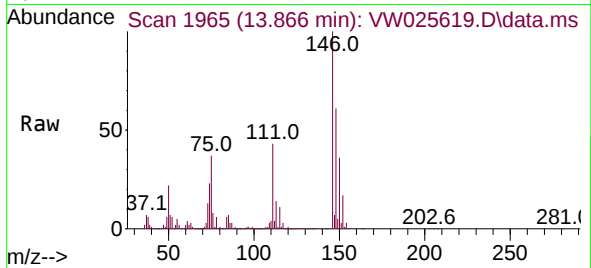
Tgt Ion:146 Resp: 442026

Ion Ratio Lower Upper

146 100

111 43.4 35.3 52.9

148 60.9 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 25.618 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

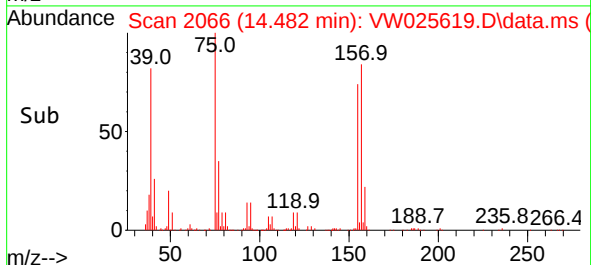
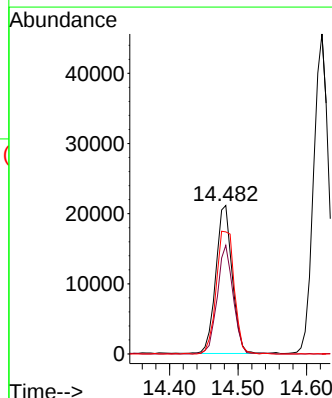
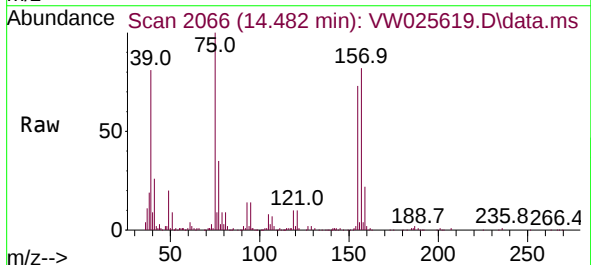
Tgt Ion: 75 Resp: 34895

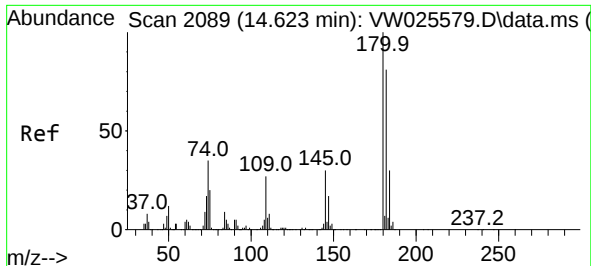
Ion Ratio Lower Upper

75 100

155 73.2 61.1 91.7

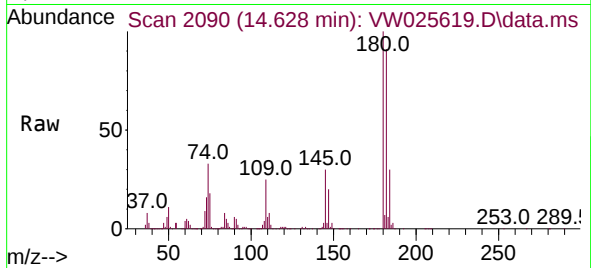
157 82.2 72.8 109.2



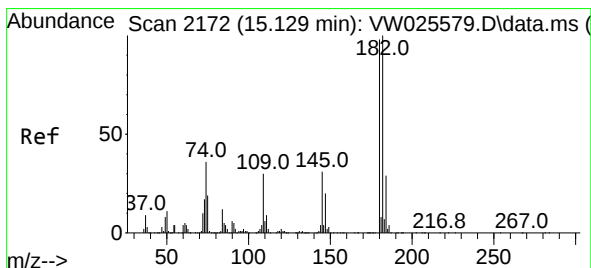
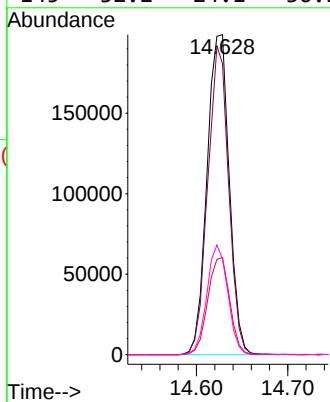
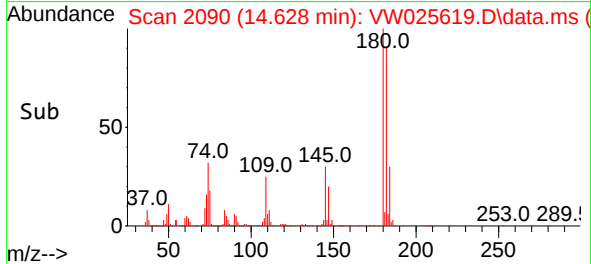


#69
 1,3,5-Trichlorobenzene
 Concen: 25.805 ug/L
 RT: 14.628 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VW025619.D
 Acq: 21 Apr 2023 08:46

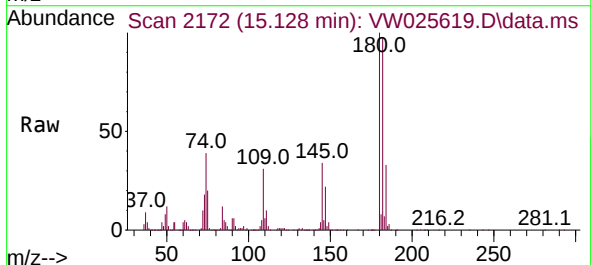
Instrument :
 MSVOA_W
 ClientSampleId :



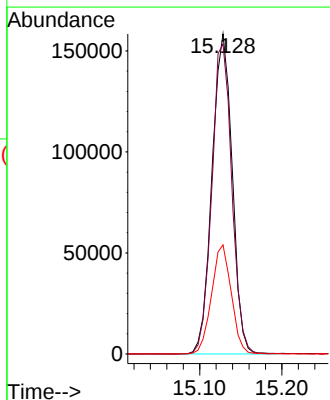
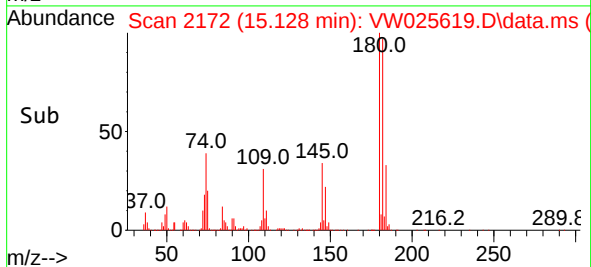
Tgt Ion:180 Resp: 336018
 Ion Ratio Lower Upper
 180 100
 182 90.6 76.4 114.6
 184 30.1 24.1 36.1
 145 32.2 24.1 36.1

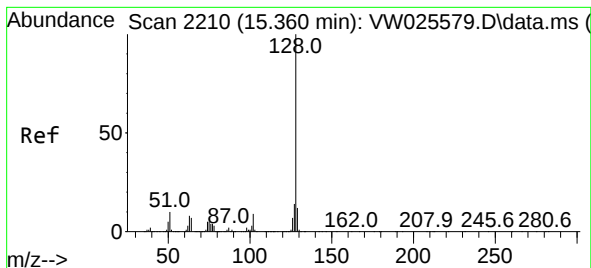


#70
 1,2,4-trichlorobenzene
 Concen: 25.538 ug/L
 RT: 15.128 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW025619.D
 Acq: 21 Apr 2023 08:46



Tgt Ion:180 Resp: 270134
 Ion Ratio Lower Upper
 180 100
 182 96.1 79.5 119.3
 145 33.4 27.4 41.0





#71

Naphthalene

Concen: 28.382 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Instrument :

MSVOA_W

ClientSampleId :

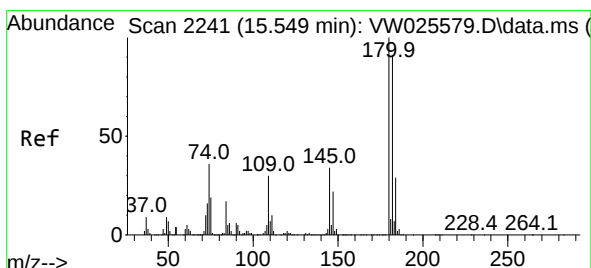
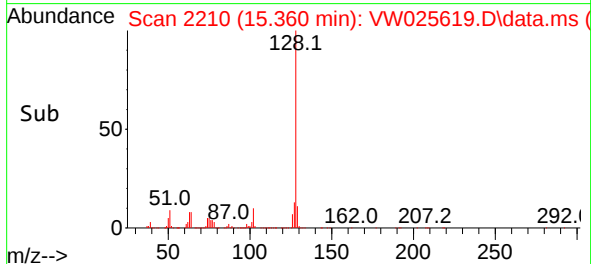
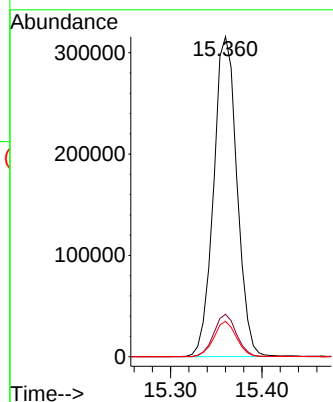
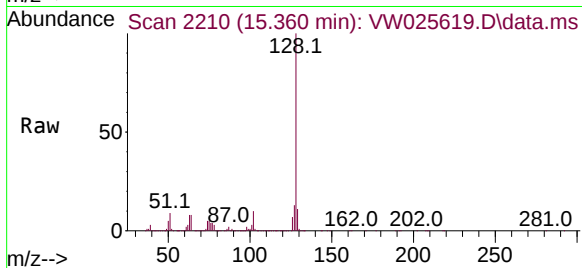
Tgt Ion:128 Resp: 560188

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.241 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025619.D

Acq: 21 Apr 2023 08:46

Tgt Ion:180 Resp: 242679

Ion Ratio Lower Upper

180 100

182 100.4 72.9 109.3

145 34.6 27.0 40.6

