

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042123\
 Data File : VW025643.D
 Acq On : 21 Apr 2023 18:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Apr 22 05:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 05:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678389	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	614499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	297433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	191230	17.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.280%
7) Chloroethane-d5	2.899	69	156630	19.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.720%
11) 1,1-Dichloroethene-d2	4.027	63	446544	20.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.000%
21) 2-Butanone-d5	7.069	46	168660	68.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.980%#
24) Chloroform-d	7.648	84	452278	23.745	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	8.301	65	251781	25.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.640%
32) Benzene-d6	8.276	84	891498	22.405	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.640%
36) 1,2-Dichloropropane-d6	9.276	67	292477	23.575	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.280%
41) Toluene-d8	10.319	98	783717	22.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	10.575	79	112866	24.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.040%
47) 2-Hexanone-d5	10.922	63	118223	69.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.440%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	246497	29.437	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	250155	24.481	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	175756	18.527	ug/L	92
3) Chloromethane	2.223	50	261313	23.742	ug/L	100
5) Vinyl chloride	2.375	62	273900	22.512	ug/L	98
6) Bromomethane	2.789	94	149089	22.779	ug/L	96
8) Chloroethane	2.930	64	159176	23.359	ug/L	100
9) Trichlorofluoromethane	3.265	101	209635	22.365	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	241029	25.625	ug/L	98
12) 1,1-Dichloroethene	4.045	96	217369	23.087	ug/L	97
13) Acetone	4.119	43	129776	62.263	ug/L	99
14) Carbon disulfide	4.393	76	680919	20.499	ug/L	98
15) Methyl Acetate	4.667	43	146065	31.192	ug/L	98
16) Methylene chloride	4.917	84	313388	29.063	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	239338	23.910	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	387560	28.055	ug/L	99
19) 1,1-Dichloroethane	6.216	63	513872	25.695	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	268697	25.799	ug/L	95
22) 2-Butanone	7.167	43	193945	65.454	ug/L	99
23) Bromochloromethane	7.514	128	113396	26.550	ug/L	97
25) Chloroform	7.673	83	479559	26.221	ug/L	99

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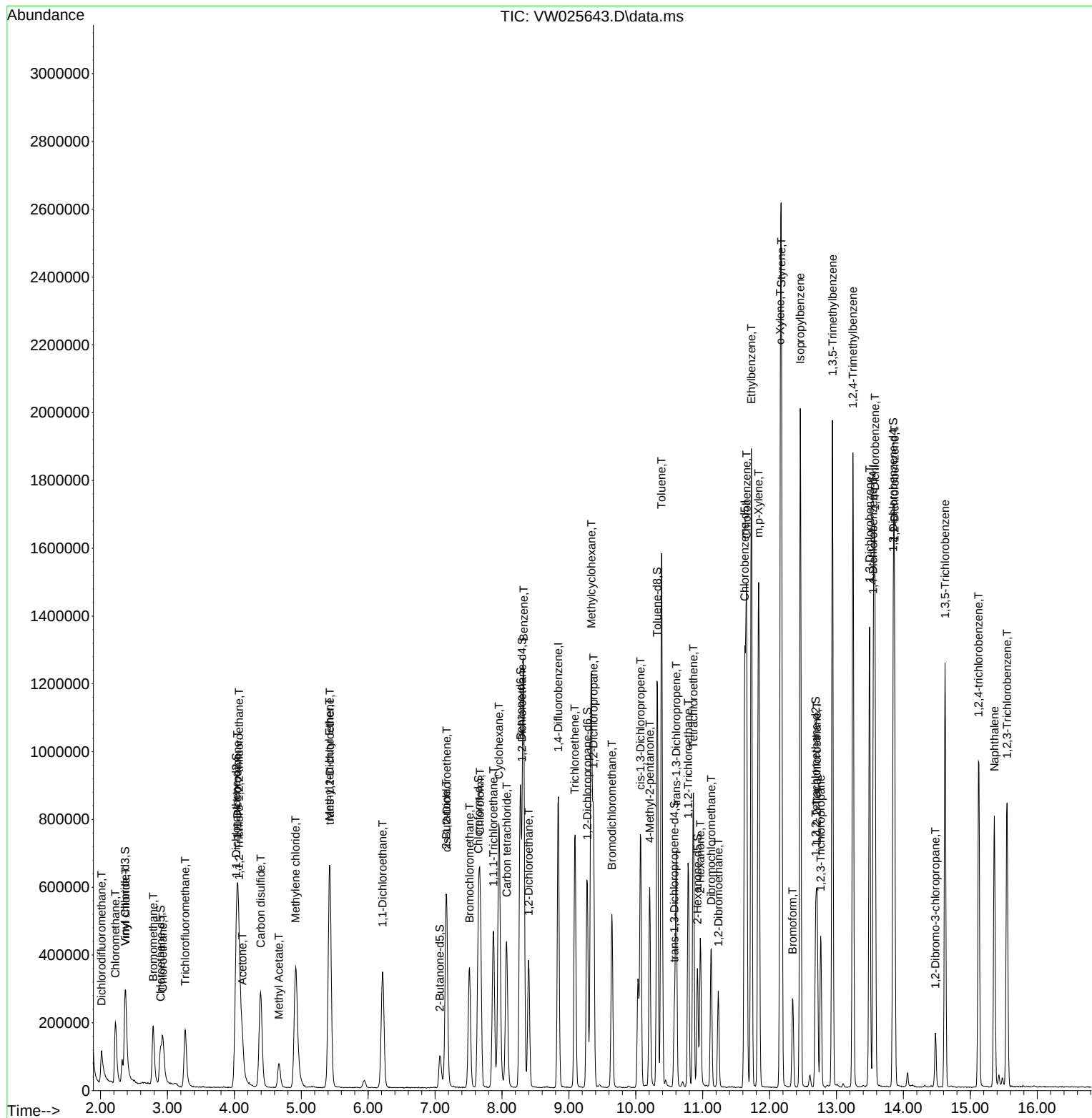
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	340049	27.708	ug/L	99
29) Cyclohexane	7.953	56	463156	23.287	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	368474	24.133	ug/L	99
31) Carbon tetrachloride	8.069	117	329068	23.865	ug/L	99
33) Benzene	8.325	78	1068519	24.982	ug/L	100
34) Trichloroethene	9.087	95	264109	23.739	ug/L	99
35) Methylcyclohexane	9.337	83	467889	23.290	ug/L	100
37) 1,2-Dichloropropane	9.368	63	295029	26.118	ug/L	99
38) Bromodichloromethane	9.642	83	339068	26.235	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	432666	26.702	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	406582	63.590	ug/L	100
42) Toluene	10.386	91	1108299	25.447	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	362028	27.095	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	198060	27.498	ug/L	96
46) Tetrachloroethene	10.861	164	184428	23.570	ug/L	93
48) 2-Hexanone	10.965	43	296378	67.089	ug/L	99
49) Dibromochloromethane	11.129	129	211523	27.893	ug/L	96
50) 1,2-Dibromoethane	11.233	107	182349	27.554	ug/L	94
51) Chlorobenzene	11.654	112	676314	25.200	ug/L	98
52) Ethylbenzene	11.727	91	1255767	25.479	ug/L	100
53) m,p-Xylene	11.837	106	461179	25.516	ug/L	100
54) o-Xylene	12.160	106	440171	26.032	ug/L	90
55) Styrene	12.178	104	768104	26.989	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	256613	29.744	ug/L	96
59) Bromoform	12.343	173	118925	29.179	ug/L	98
60) Isopropylbenzene	12.459	105	1220919	26.204	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	187645	30.440	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	989669	26.908	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	965849	27.272	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	502790	26.041	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	515693	26.153	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	464652	27.451	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	42041	31.089	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	346068	26.771	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	277764	26.451	ug/L	98
71) Naphthalene	15.360	128	640132	32.669	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	261096	28.438	ug/L	99

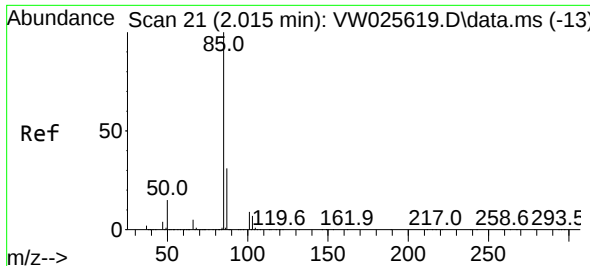
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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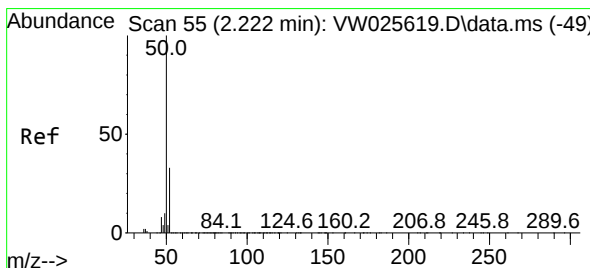
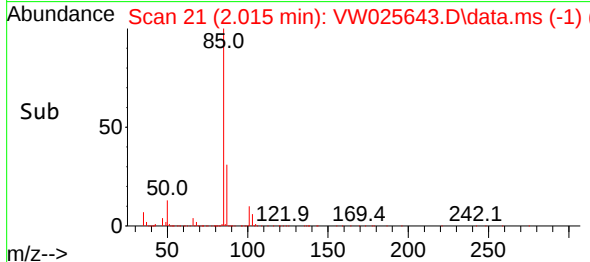
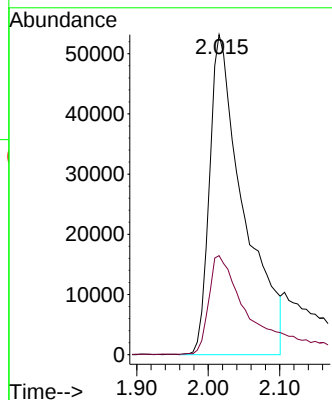
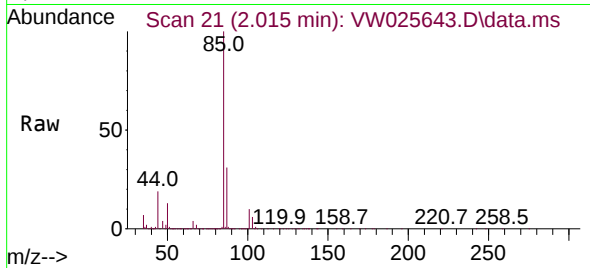




#2
 Dichlorodifluoromethane
 Concen: 18.527 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025643.D
 Acq: 21 Apr 2023 18:49

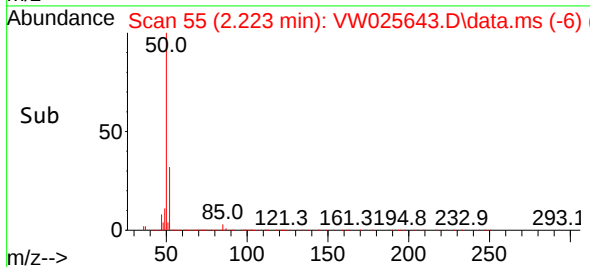
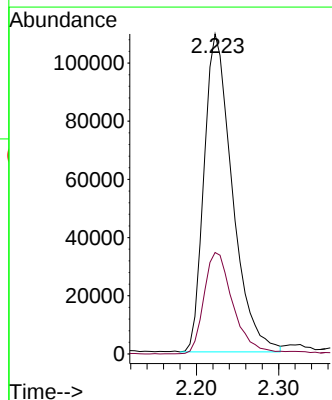
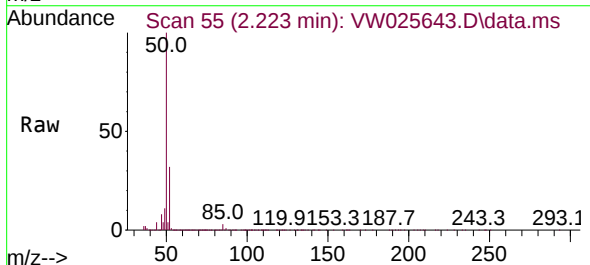
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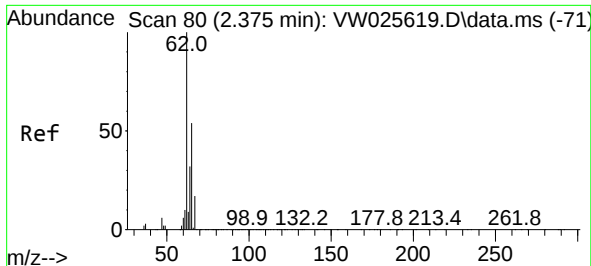
Tgt Ion: 85 Resp: 175756
 Ion Ratio Lower Upper
 85 100
 87 34.9 24.6 37.0



#3
 Chloromethane
 Concen: 23.742 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025643.D
 Acq: 21 Apr 2023 18:49

Tgt Ion: 50 Resp: 261313
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.2 41.2

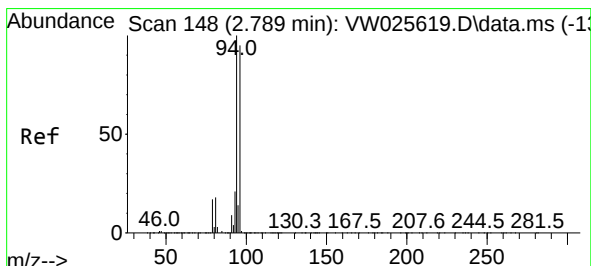
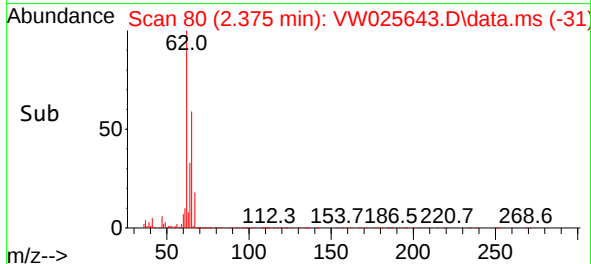
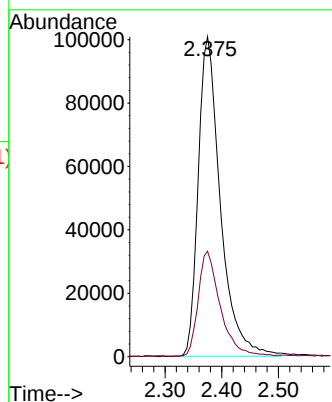
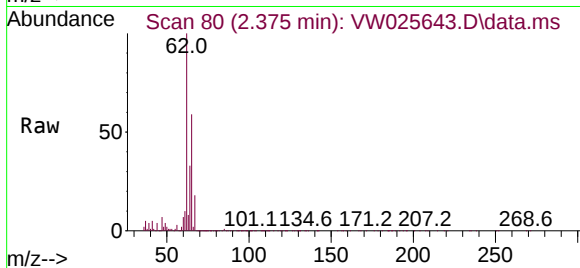




#5
 Vinyl chloride
 Concen: 22.512 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025643.D
 Acq: 21 Apr 2023 18:49

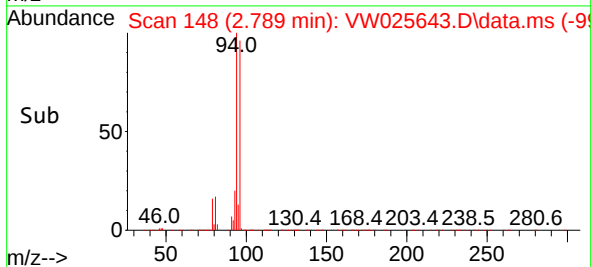
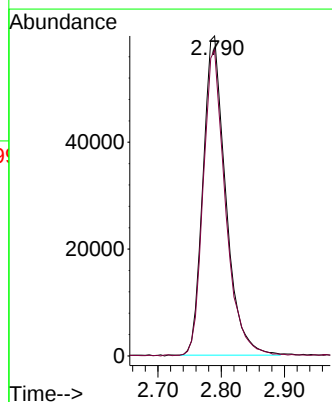
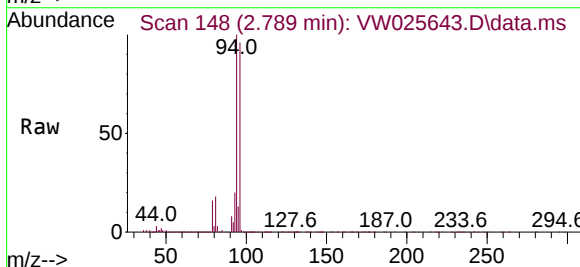
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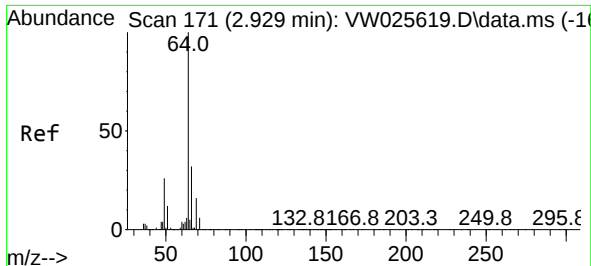
Tgt Ion: 62 Resp: 273900
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.9 44.3



#6
 Bromomethane
 Concen: 22.779 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025643.D
 Acq: 21 Apr 2023 18:49

Tgt Ion: 94 Resp: 149089
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.0 118.8

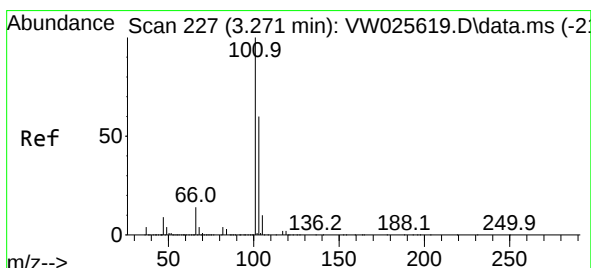
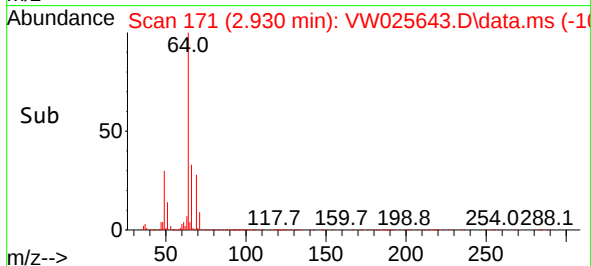
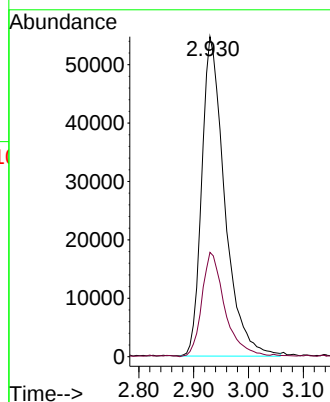
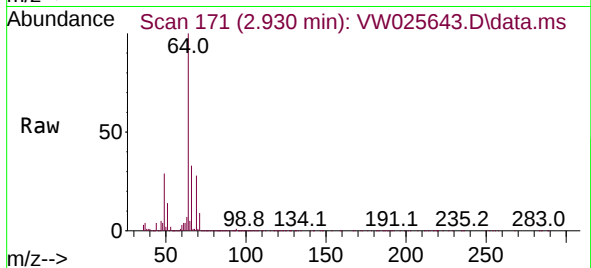




#8
Chloroethane
Concen: 23.359 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

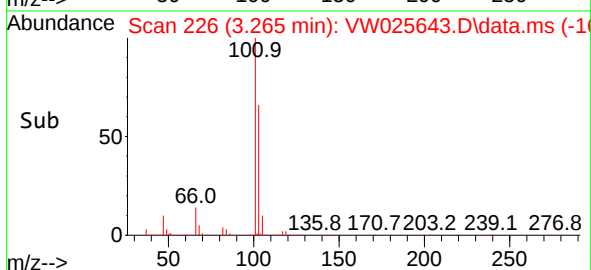
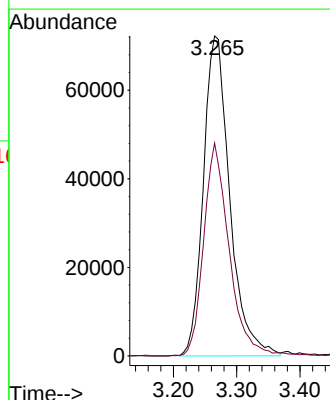
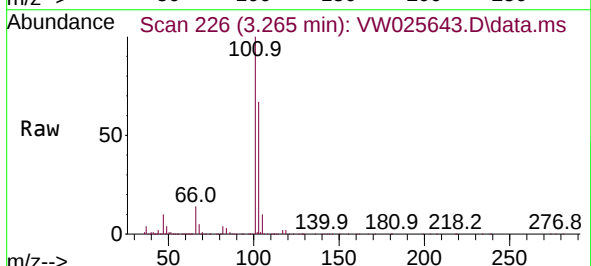
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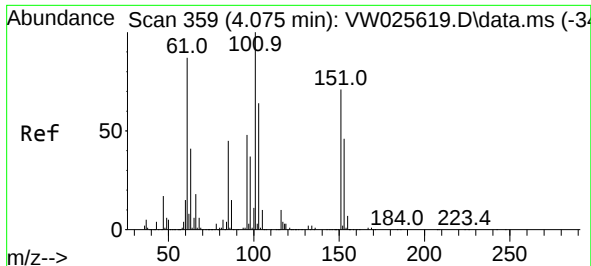
Tgt Ion: 64 Resp: 159176
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.365 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion: 101 Resp: 209635
Ion Ratio Lower Upper
101 100
103 63.6 52.3 78.5

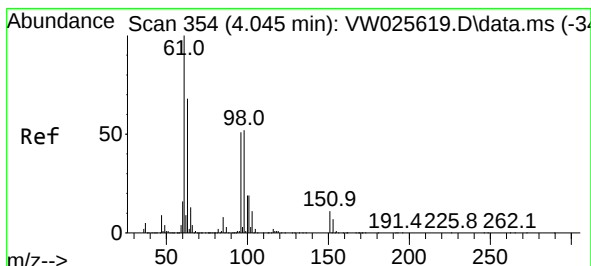
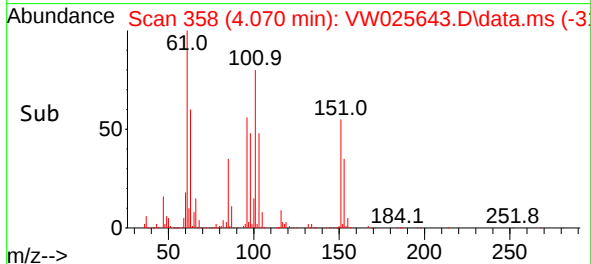
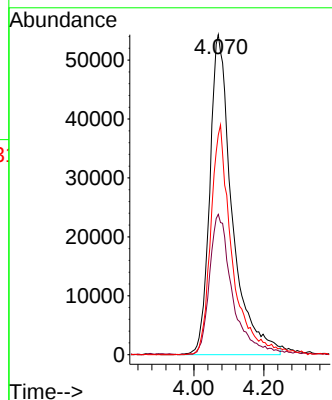
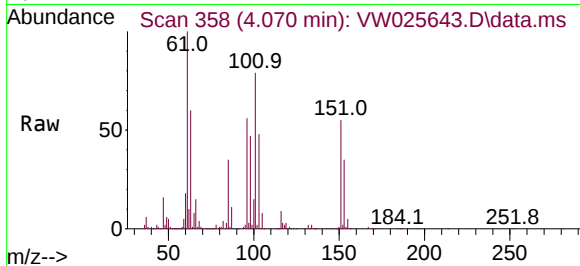




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.625 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025643.D
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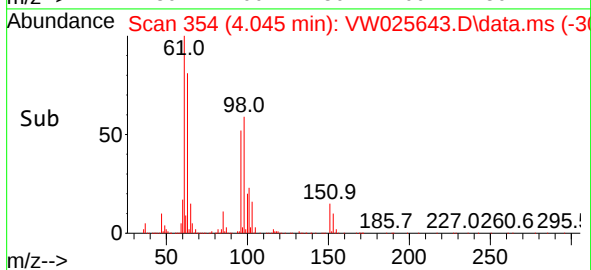
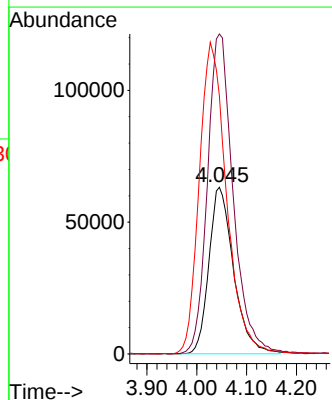
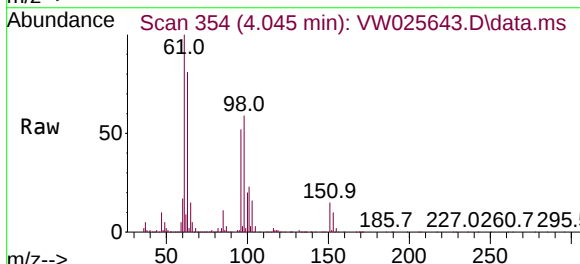
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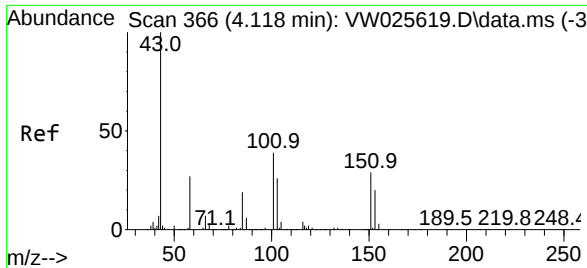
Tgt Ion:101 Resp: 241029
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.5 51.7
 151 65.4 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 23.087 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
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Tgt Ion: 96 Resp: 217369
 Ion Ratio Lower Upper
 96 100
 61 191.8 132.7 246.4
 63 154.7 105.0 195.0

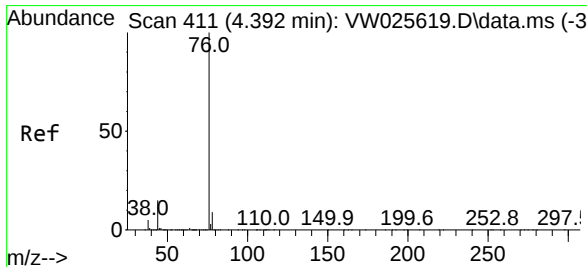
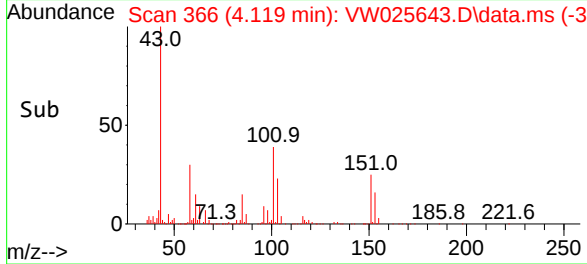
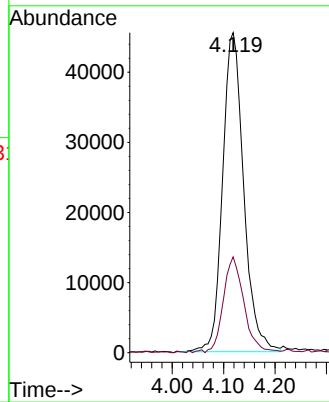
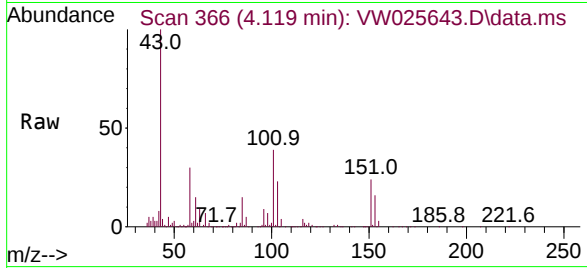




#13
Acetone
Concen: 62.263 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
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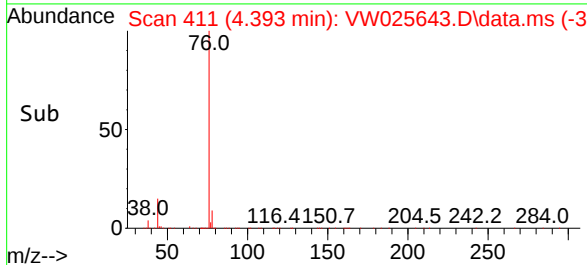
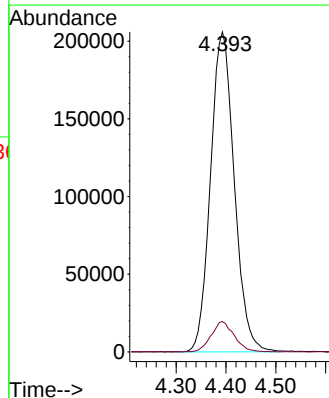
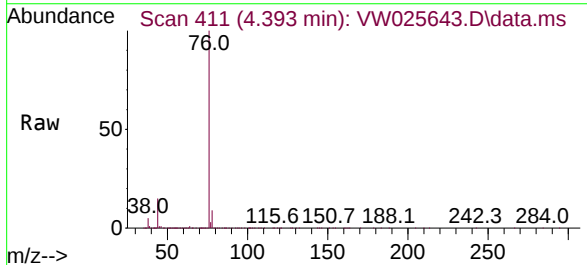
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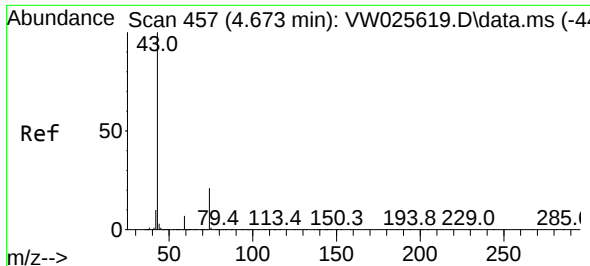
Tgt Ion: 43 Resp: 129776
Ion Ratio Lower Upper
43 100
58 29.3 0.0 57.4



#14
Carbon disulfide
Concen: 20.499 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 680919
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

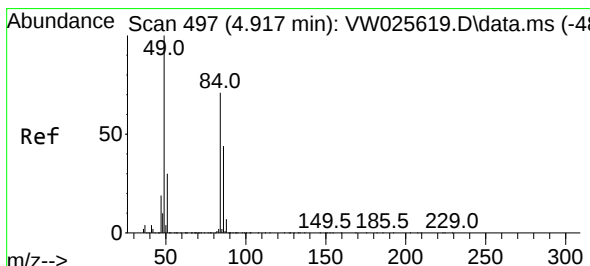
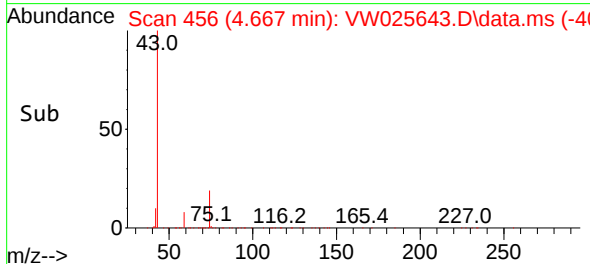
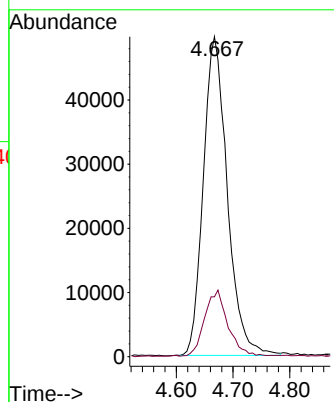
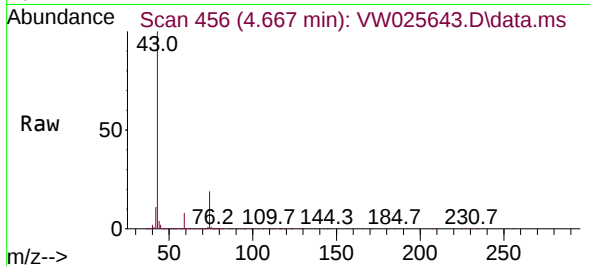




#15
Methyl Acetate
Concen: 31.192 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

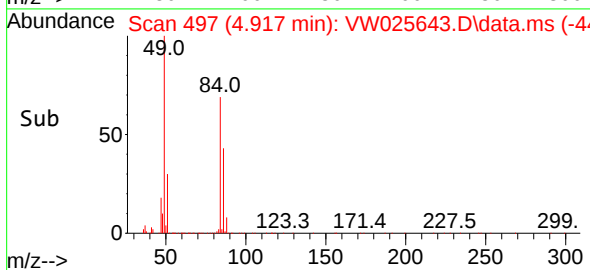
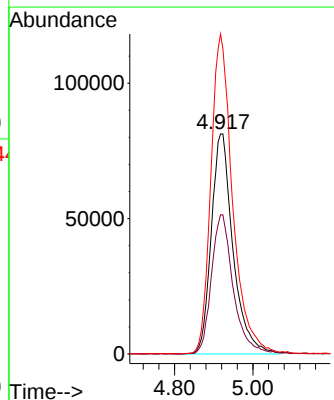
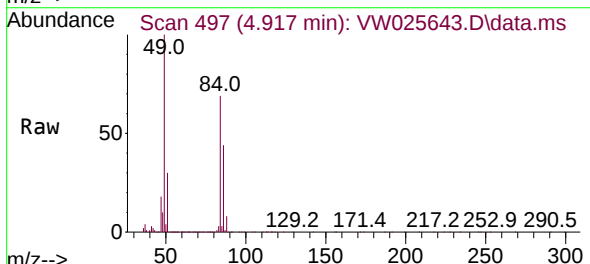
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

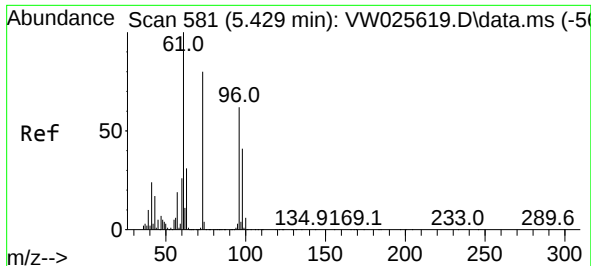
Tgt Ion: 43 Resp: 146065
Ion Ratio Lower Upper
43 100
74 20.3 17.0 25.4



#16
Methylene chloride
Concen: 29.063 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion: 84 Resp: 313388
Ion Ratio Lower Upper
84 100
86 63.3 44.9 83.3
49 145.5 101.4 188.4

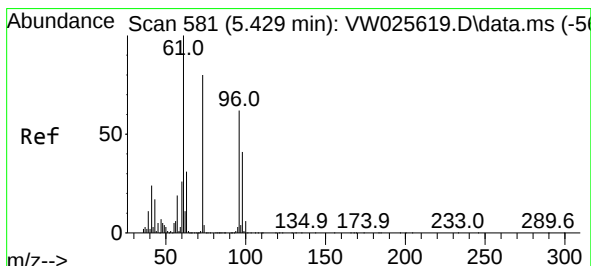
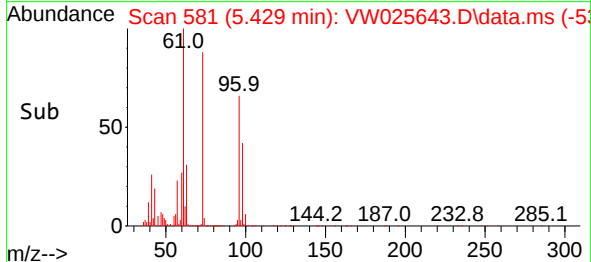
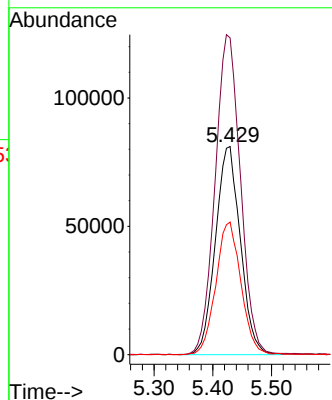
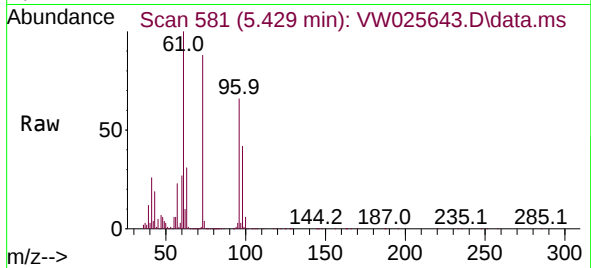




#17
trans-1,2-Dichloroethene
Concen: 23.910 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

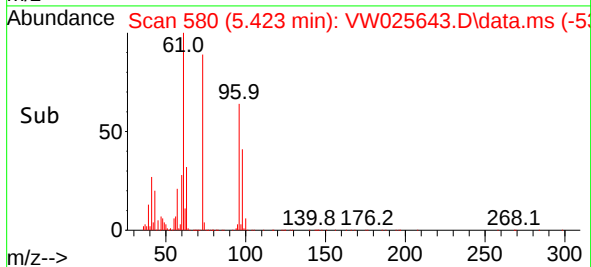
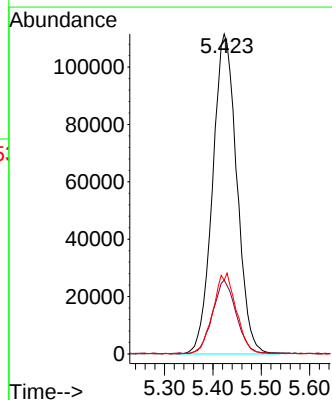
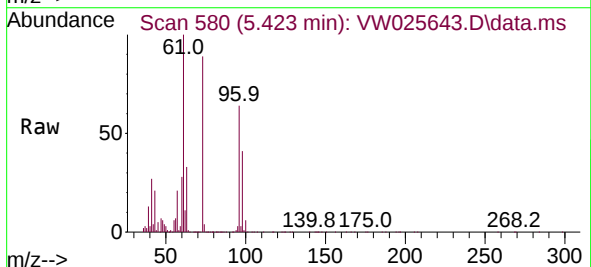
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

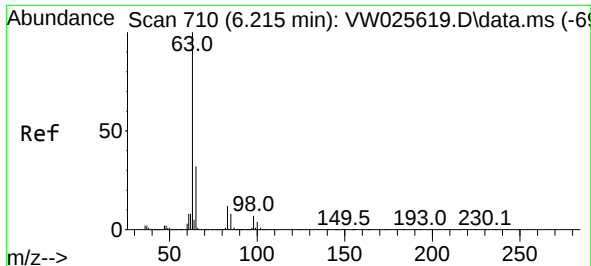
Tgt Ion: 96 Resp: 239338
Ion Ratio Lower Upper
96 100
61 152.2 113.3 210.3
98 63.7 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 28.055 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion: 73 Resp: 387560
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.6
57 24.3 19.0 28.6





#19

1,1-Dichloroethane

Concen: 25.695 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

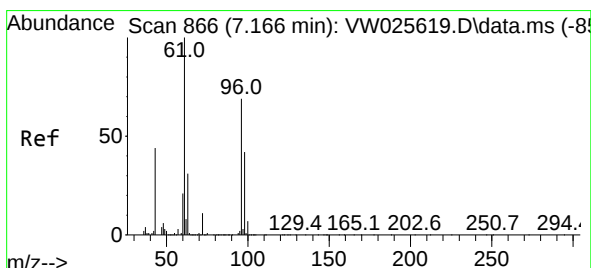
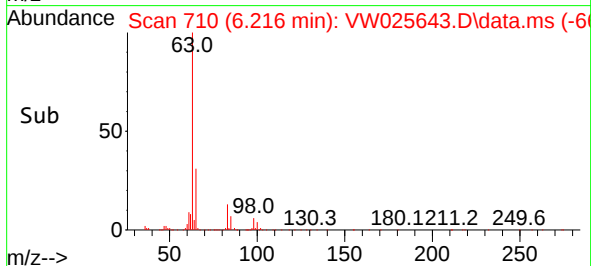
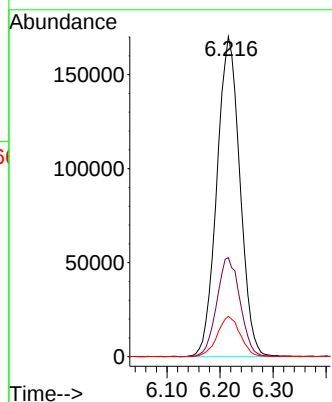
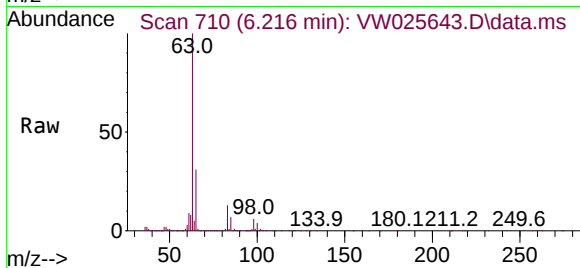
Tgt Ion: 63 Resp: 513872

Ion Ratio Lower Upper

63 100

65 30.9 21.9 40.7

83 12.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.799 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.007 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

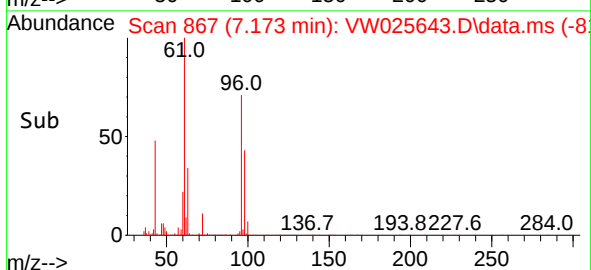
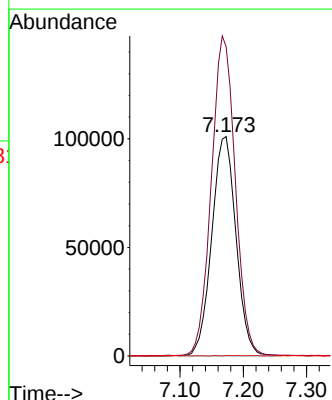
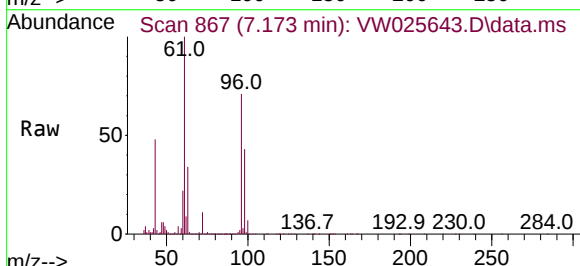
Tgt Ion: 96 Resp: 268697

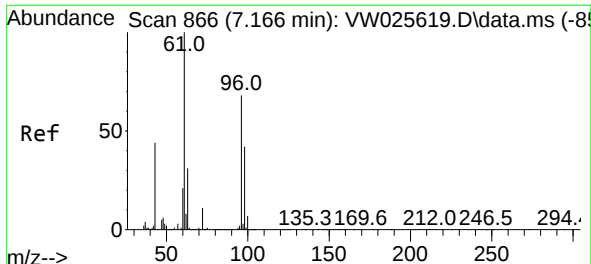
Ion Ratio Lower Upper

96 100

61 141.0 102.6 190.6

68 0.1 0.1 0.1

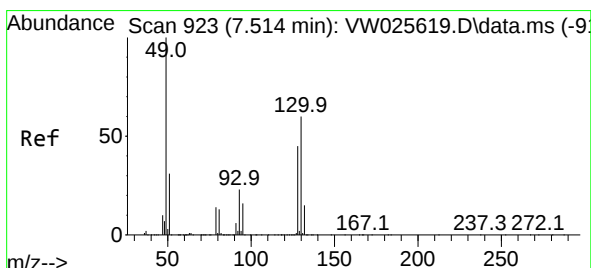
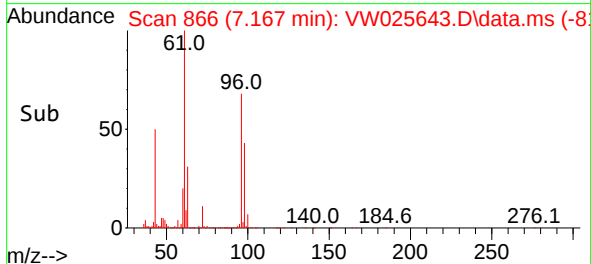
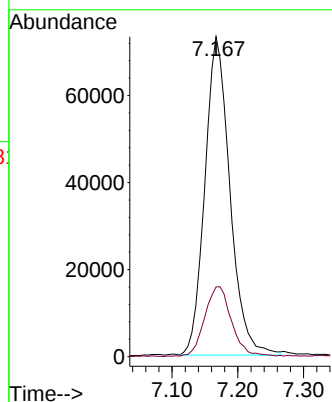
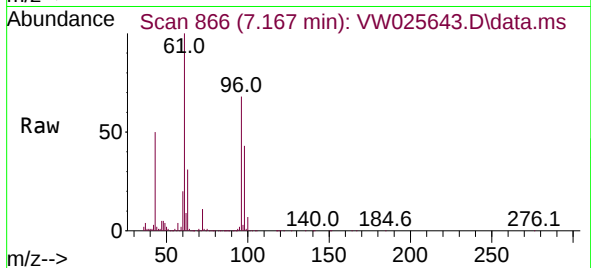




#22
2-Butanone
Concen: 65.454 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

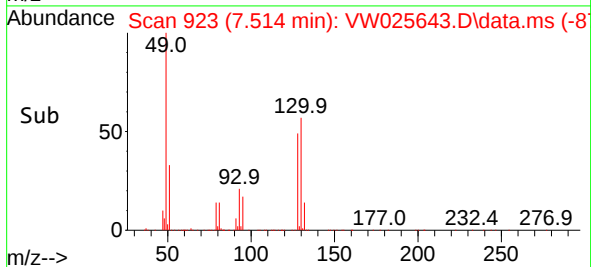
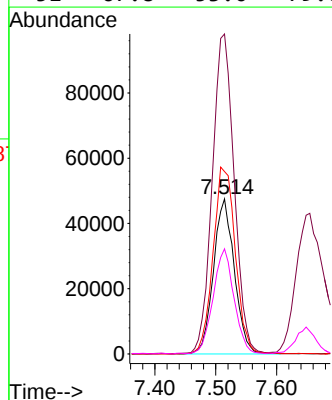
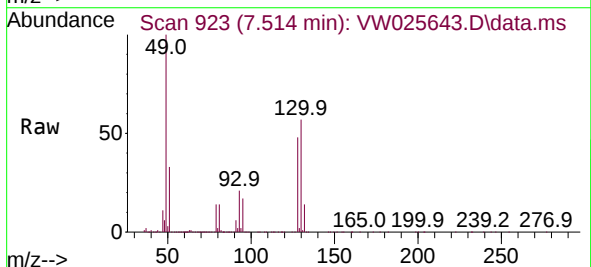
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

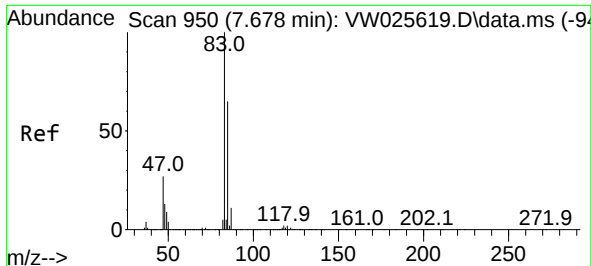
Tgt Ion: 43 Resp: 193945
Ion Ratio Lower Upper
43 100
72 23.5 12.0 36.0



#23
Bromochloromethane
Concen: 26.550 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion: 128 Resp: 113396
Ion Ratio Lower Upper
128 100
49 206.4 141.7 263.3
130 117.7 86.7 160.9
51 67.8 53.0 79.6

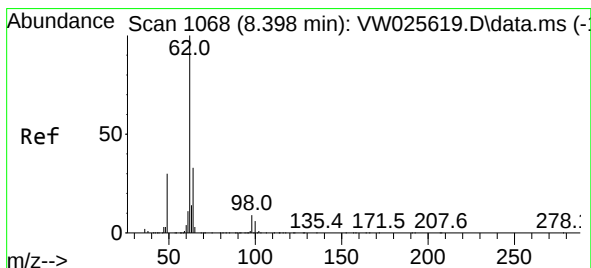
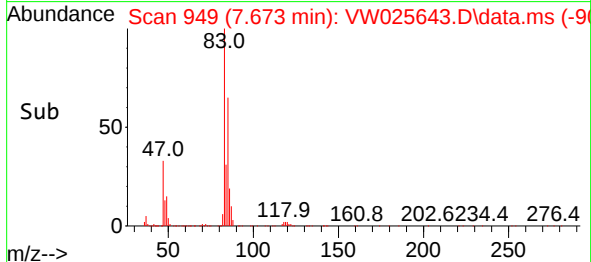
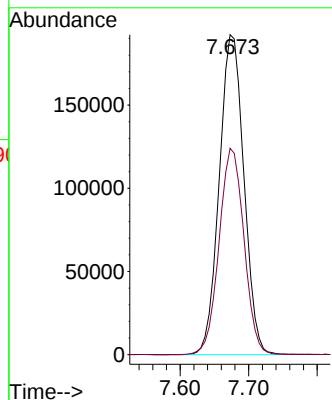
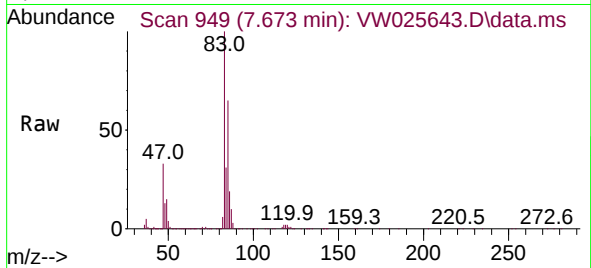




#25
Chloroform
Concen: 26.221 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

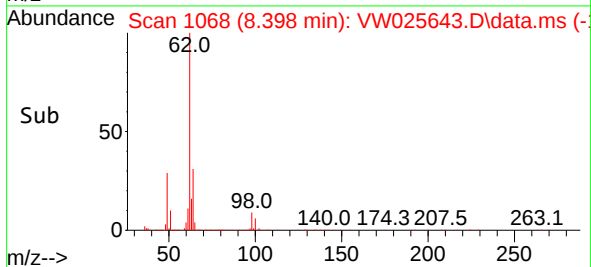
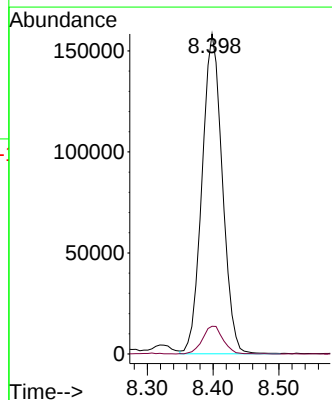
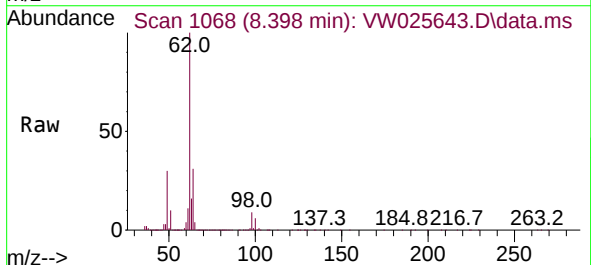
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

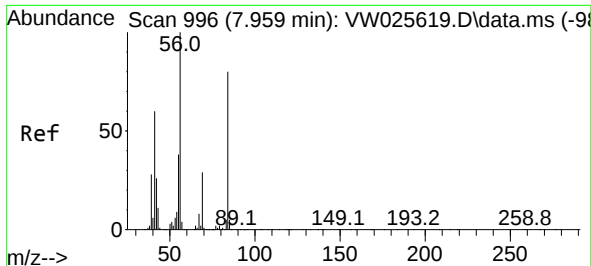
Tgt Ion: 83 Resp: 479559
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 27.708 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion: 62 Resp: 340049
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 23.287 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

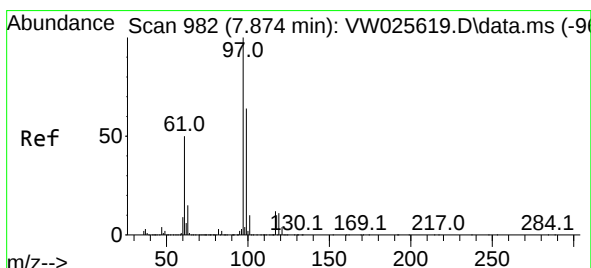
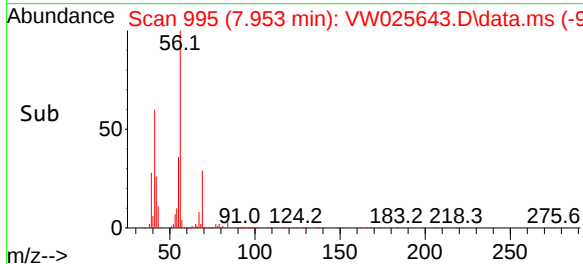
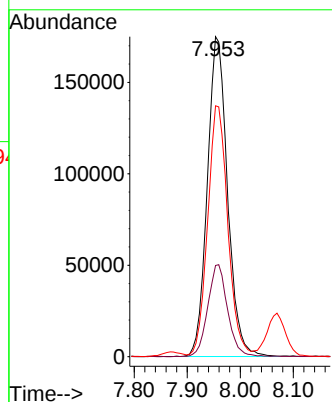
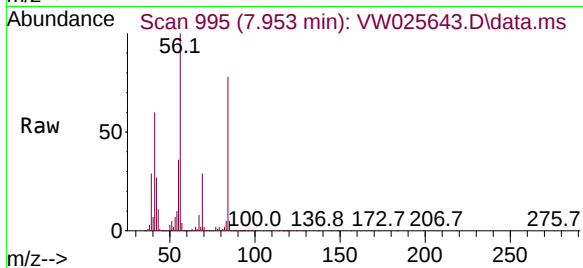
Tgt Ion: 56 Resp: 463156

Ion Ratio Lower Upper

56 100

69 28.1 22.7 34.1

84 78.1 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 24.133 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

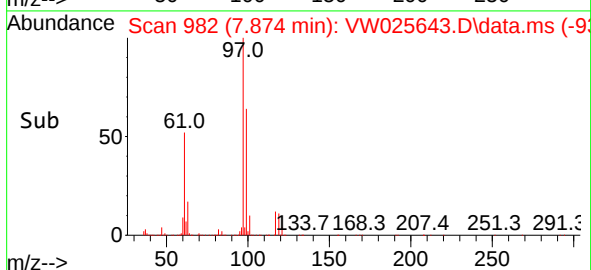
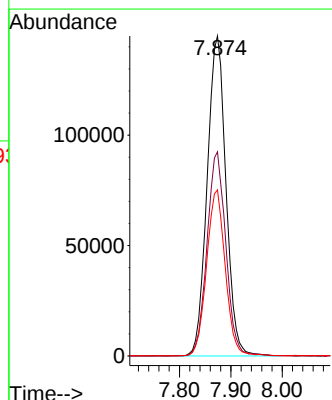
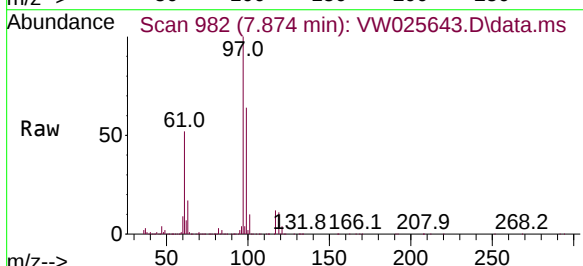
Tgt Ion: 97 Resp: 368474

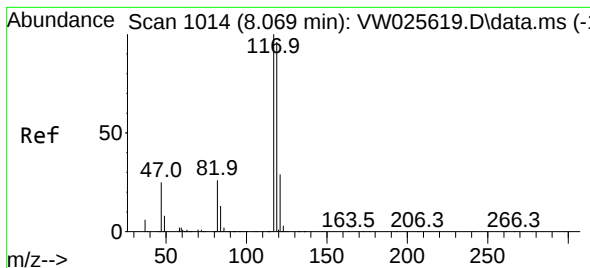
Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.6

61 51.3 40.5 60.7





#31

Carbon tetrachloride

Concen: 23.865 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

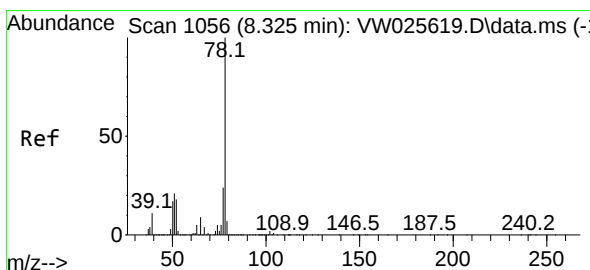
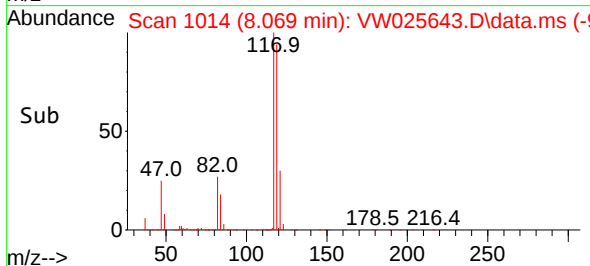
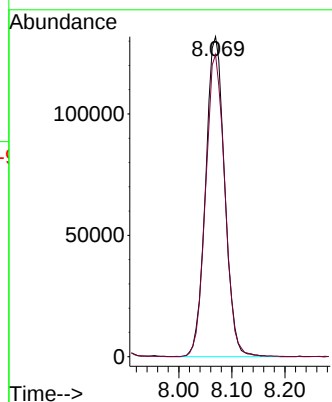
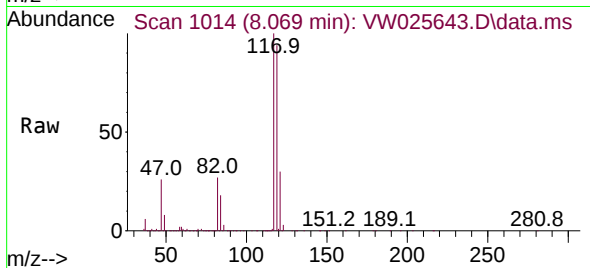
VSTD025576

Tgt Ion:117 Resp: 329068

Ion Ratio Lower Upper

117 100

119 95.2 75.7 113.5



#33

Benzene

Concen: 24.982 ug/L

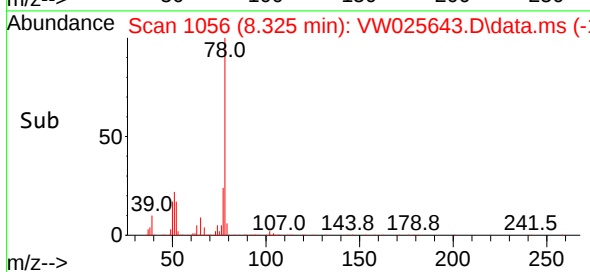
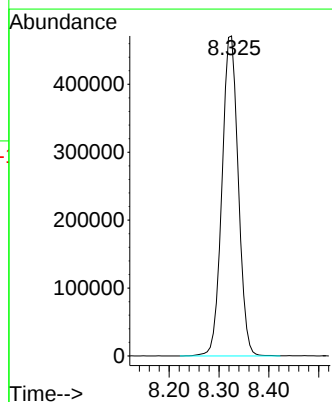
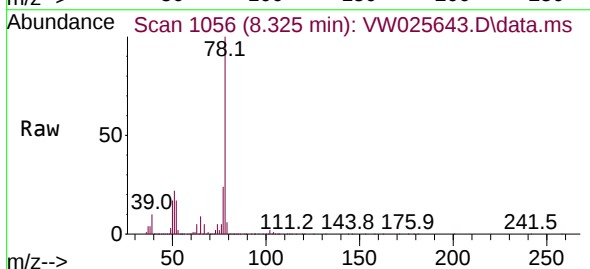
RT: 8.325 min Scan# 1056

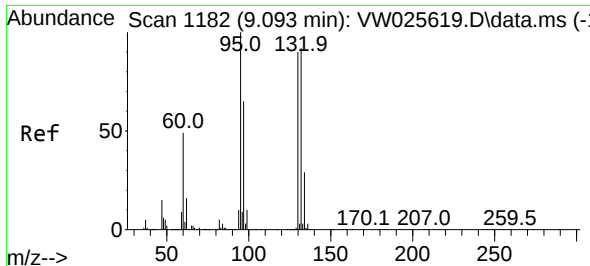
Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Tgt Ion: 78 Resp: 1068519





#34

Trichloroethene

Concen: 23.739 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

Tgt Ion: 95 Resp: 264109

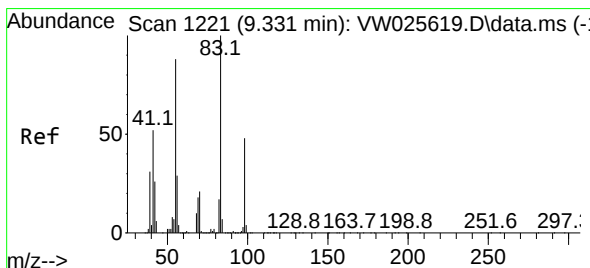
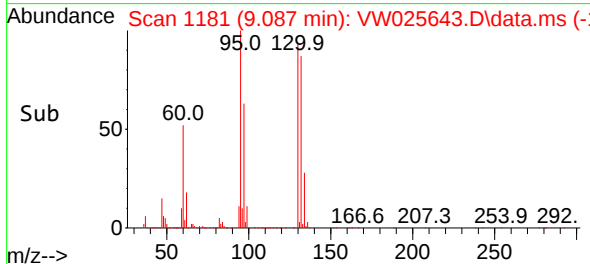
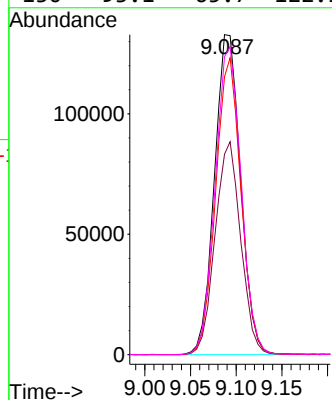
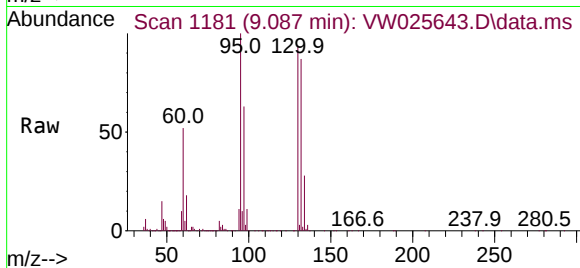
Ion Ratio Lower Upper

95 100

97 62.7 42.5 78.9

132 86.8 59.8 111.1

130 93.1 65.7 122.1



#35

Methylcyclohexane

Concen: 23.290 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.007 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

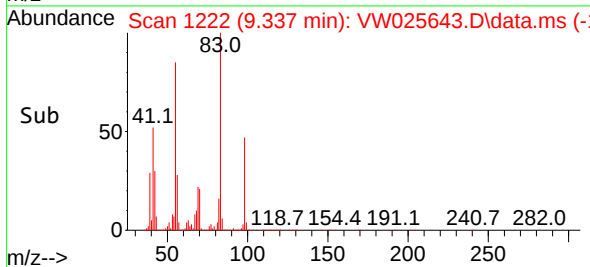
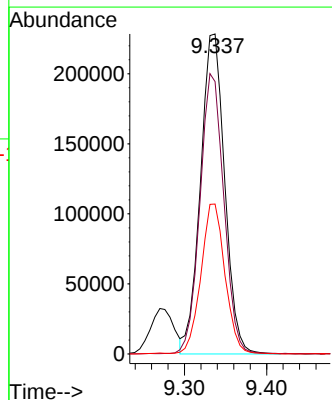
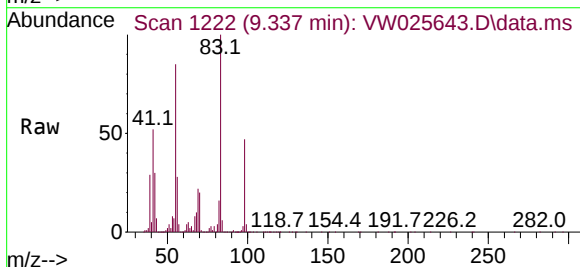
Tgt Ion: 83 Resp: 467889

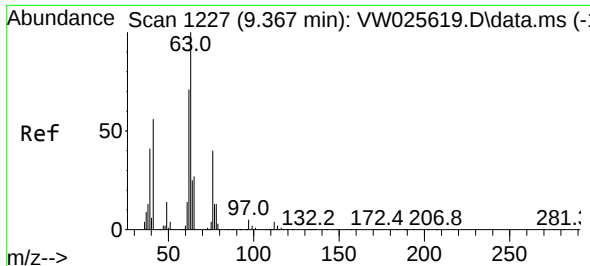
Ion Ratio Lower Upper

83 100

55 86.0 68.7 103.1

98 46.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 26.118 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

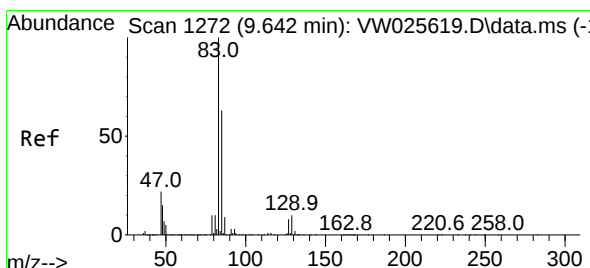
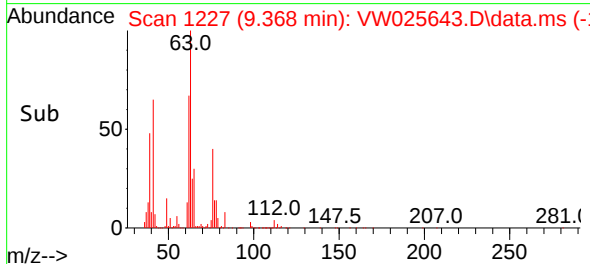
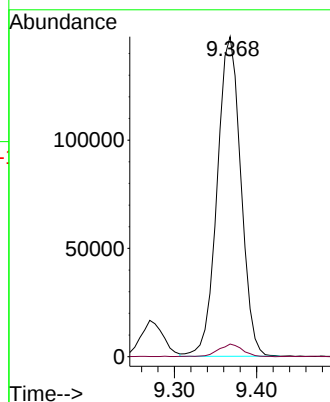
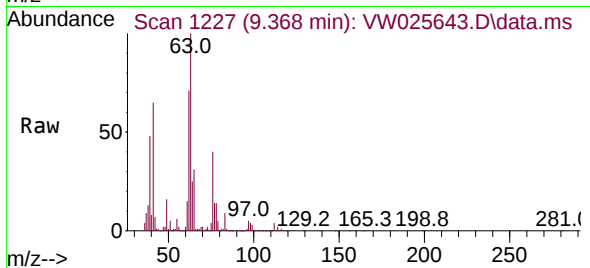
VSTD025576

Tgt Ion: 63 Resp: 295029

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 26.235 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

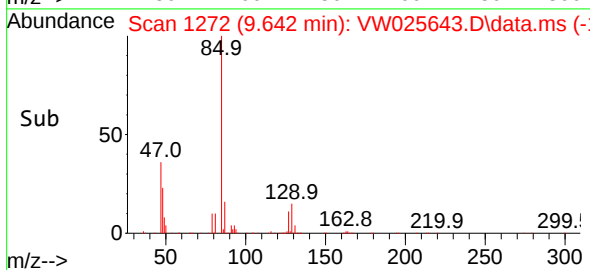
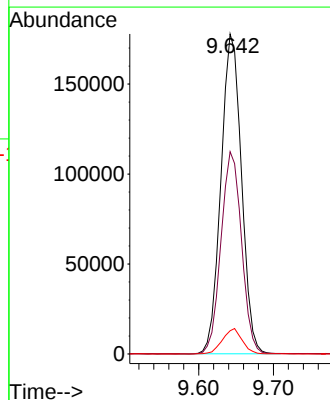
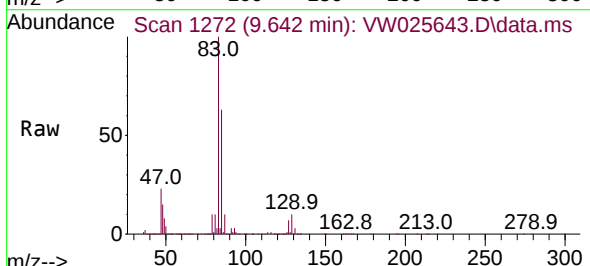
Tgt Ion: 83 Resp: 339068

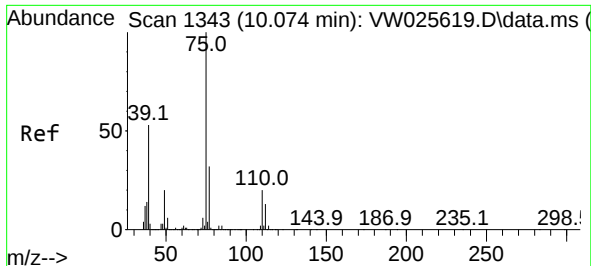
Ion Ratio Lower Upper

83 100

85 63.2 43.5 80.7

127 7.2 5.8 8.8

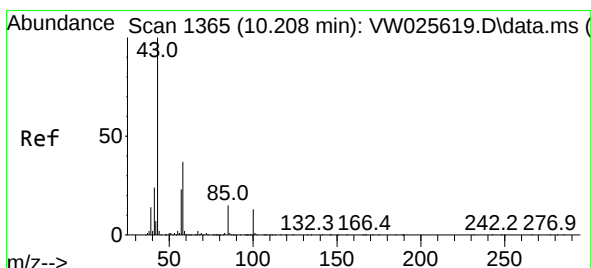
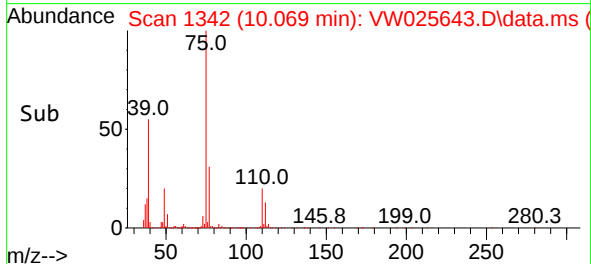
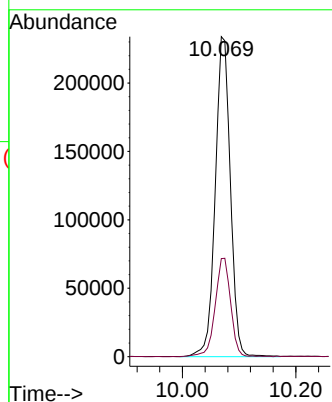
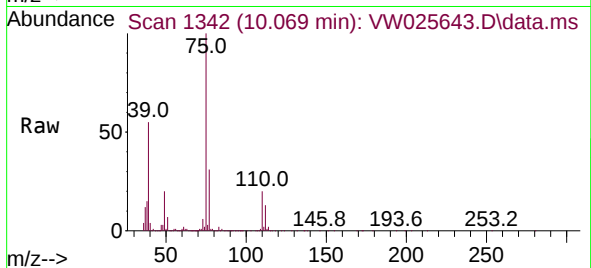




#39
 cis-1,3-Dichloropropene
 Concen: 26.702 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW025643.D
 Acq: 21 Apr 2023 18:49

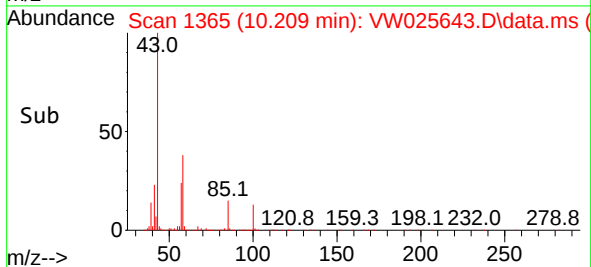
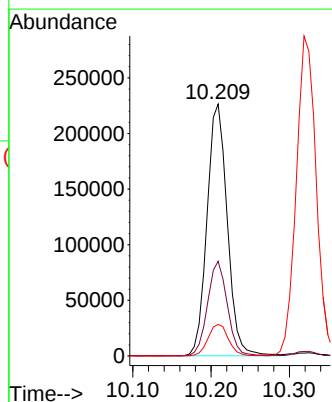
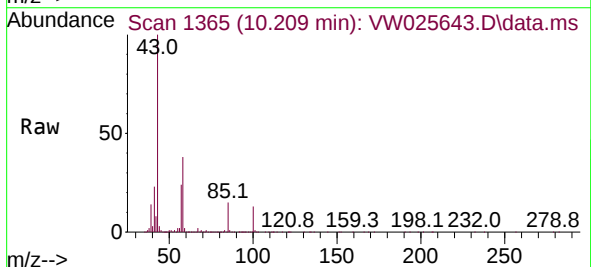
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

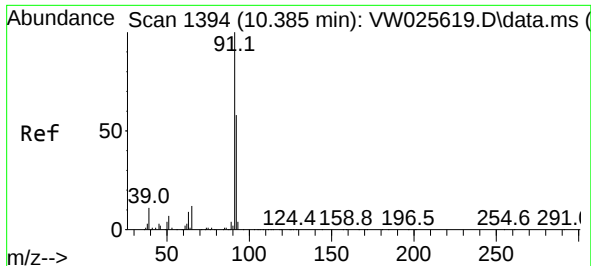
Tgt Ion: 75 Resp: 432666
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 63.590 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW025643.D
 Acq: 21 Apr 2023 18:49

Tgt Ion: 43 Resp: 406582
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.2 43.8
 100 12.7 10.2 15.4

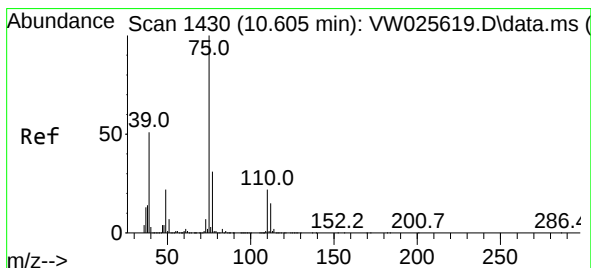
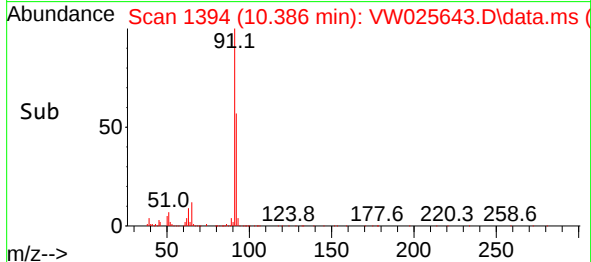
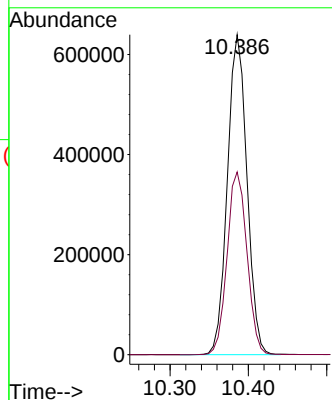
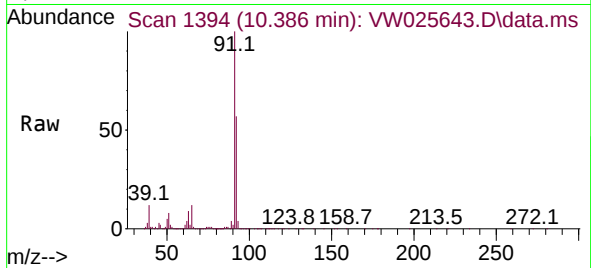




#42
Toluene
Concen: 25.447 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

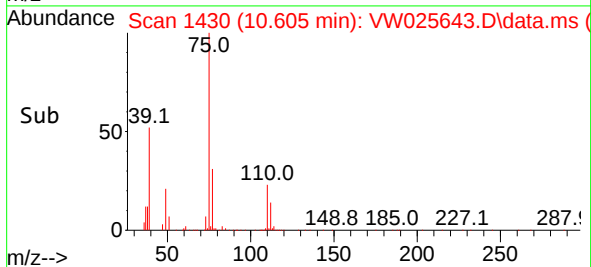
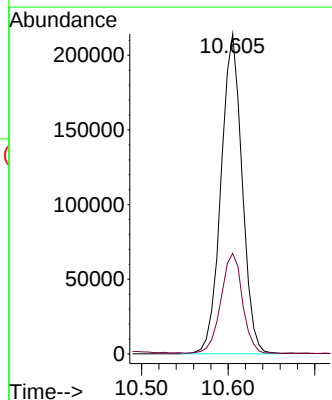
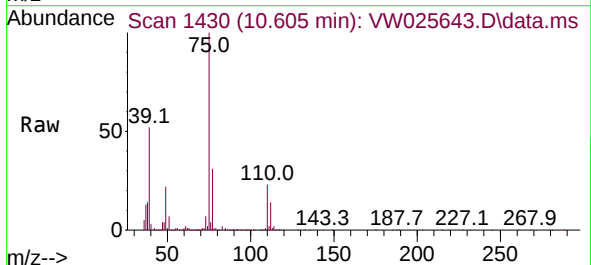
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

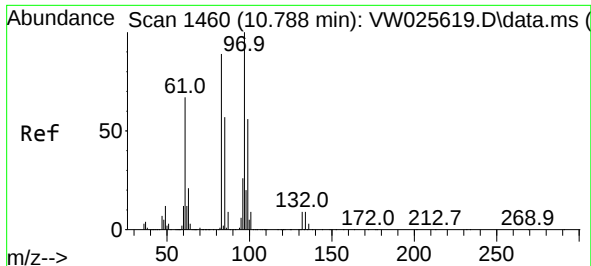
Tgt Ion: 91 Resp: 1108299
Ion Ratio Lower Upper
91 100
92 57.1 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 27.095 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion: 75 Resp: 362028
Ion Ratio Lower Upper
75 100
77 31.4 22.5 41.9



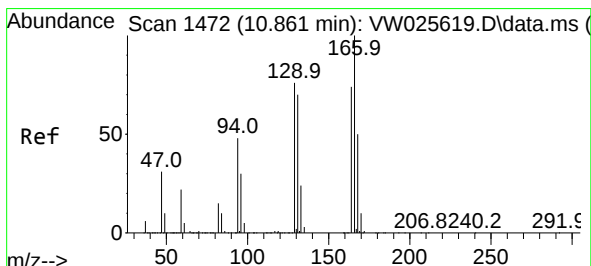
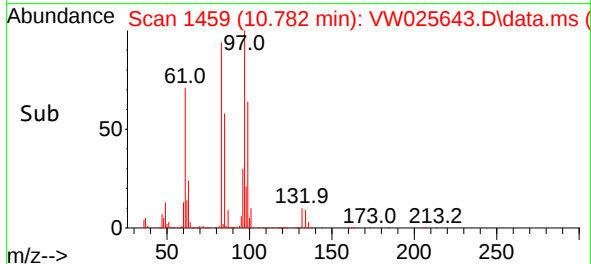
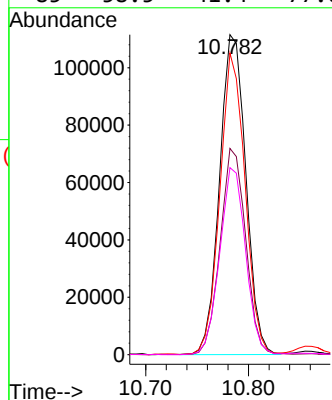
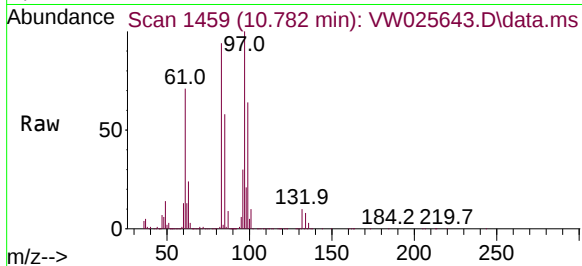


#45
1,1,2-Trichloroethane
Concen: 27.498 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

Tgt Ion: 97 Resp: 198060

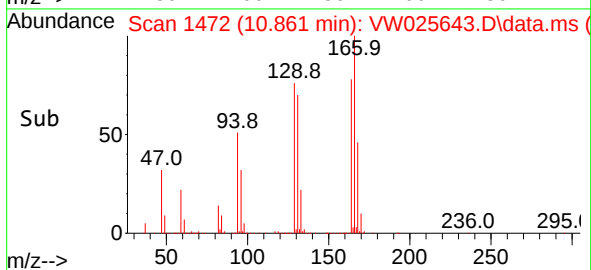
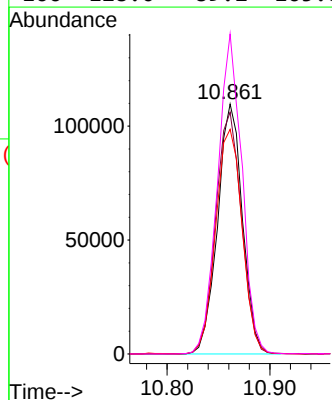
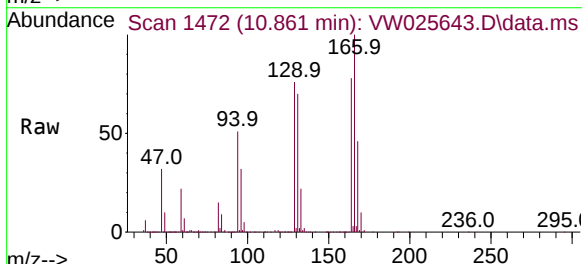
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.8	81.3
83	94.2	61.8	114.8
85	58.5	41.4	77.0

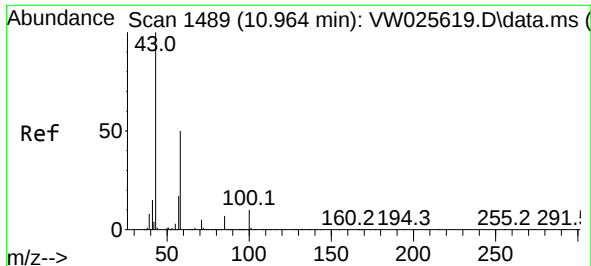


#46
Tetrachloroethene
Concen: 23.570 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion:164 Resp: 184428

Ion	Ratio	Lower	Upper
164	100		
129	96.7	76.9	142.9
131	89.9	70.5	130.9
166	128.0	89.2	165.8



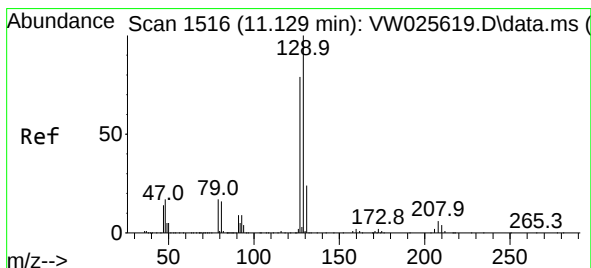
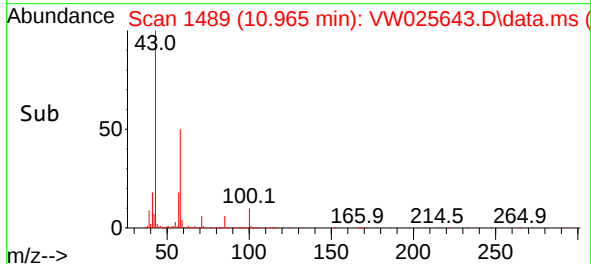
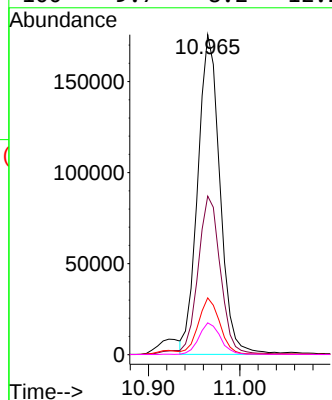
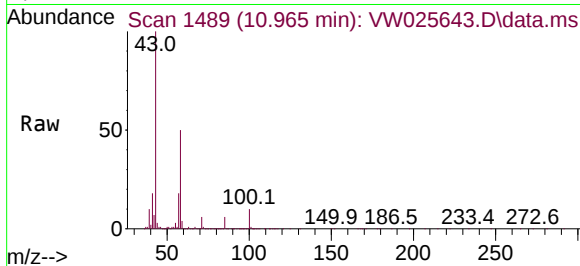


#48
2-Hexanone
Concen: 67.089 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

Tgt Ion: 43 Resp: 296378

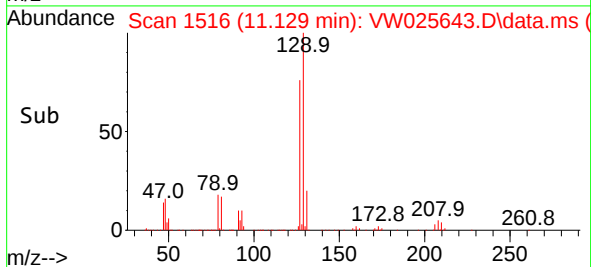
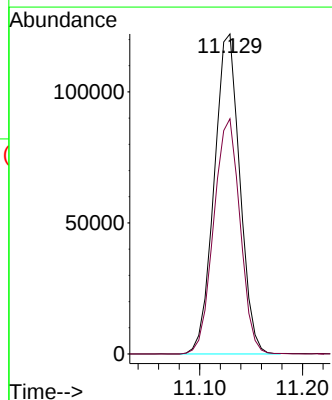
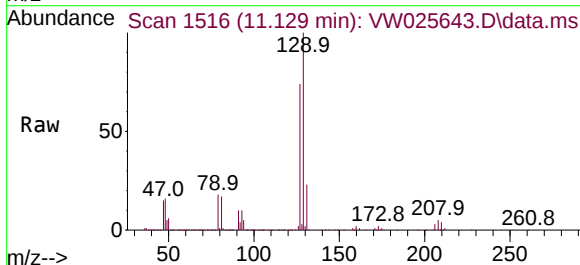
Ion	Ratio	Lower	Upper
43	100		
58	49.1	38.6	57.8
57	17.4	13.9	20.9
100	9.7	8.2	12.2

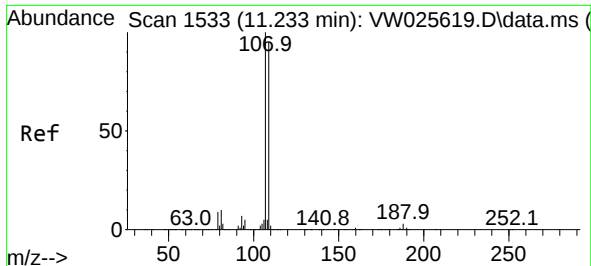


#49
Dibromochloromethane
Concen: 27.893 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion: 129 Resp: 211523

Ion	Ratio	Lower	Upper
129	100		
127	73.5	54.0	100.2





#50

1,2-Dibromoethane

Concen: 27.554 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

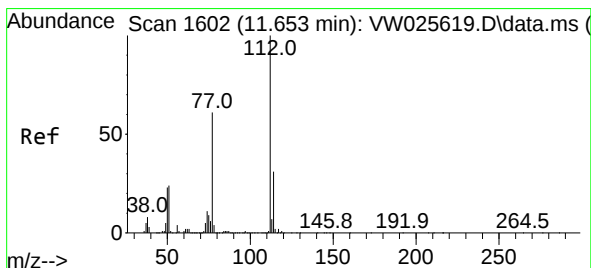
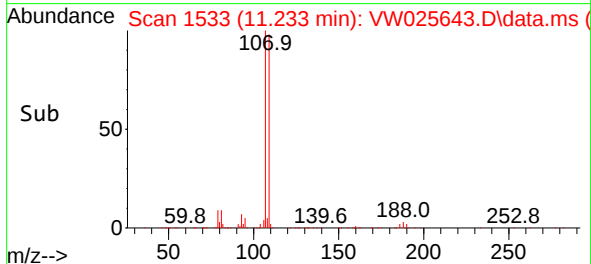
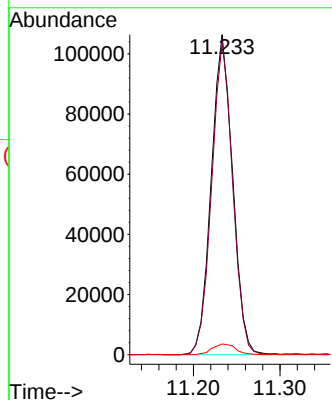
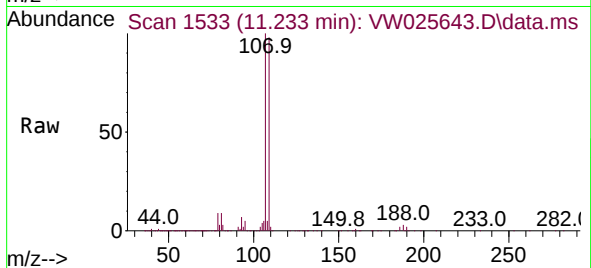
Tgt Ion:107 Resp: 182349

Ion Ratio Lower Upper

107 100

109 97.7 64.1 119.1

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 25.200 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

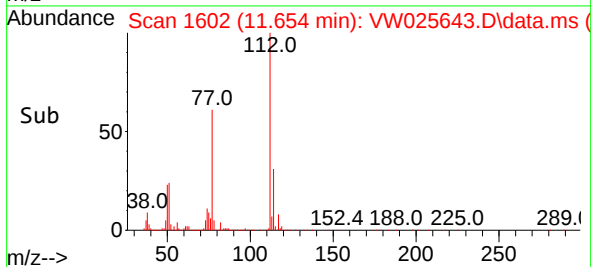
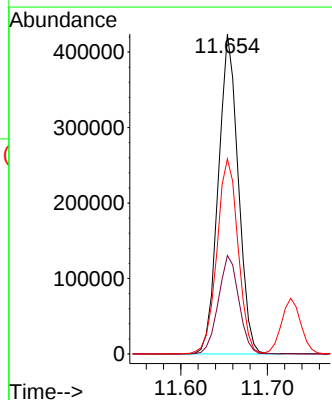
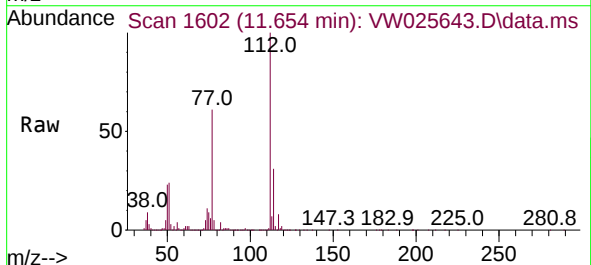
Tgt Ion:112 Resp: 676314

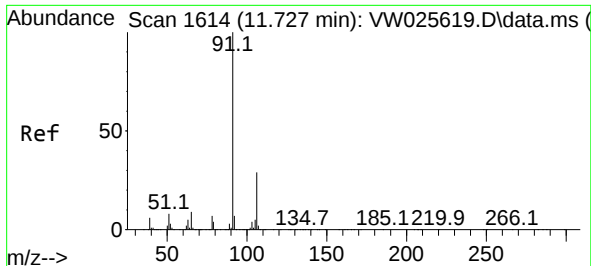
Ion Ratio Lower Upper

112 100

114 30.7 21.6 40.2

77 61.0 50.2 75.2

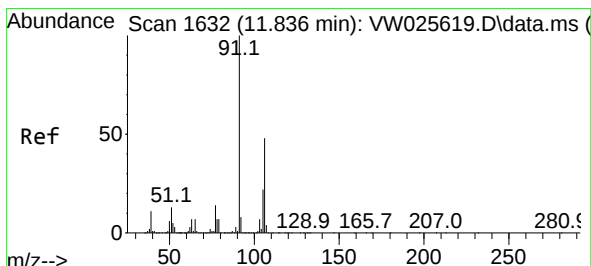
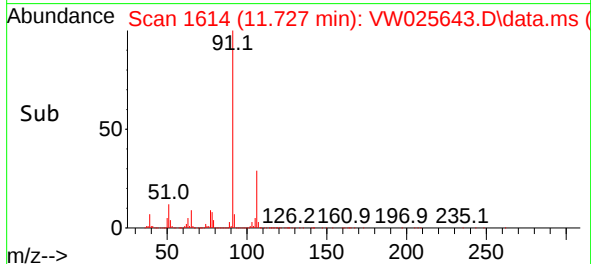
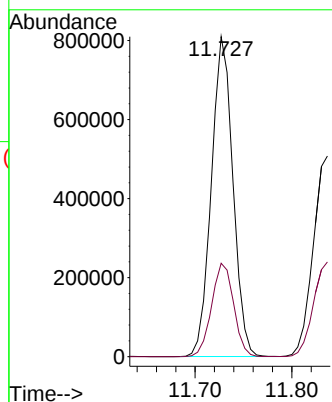
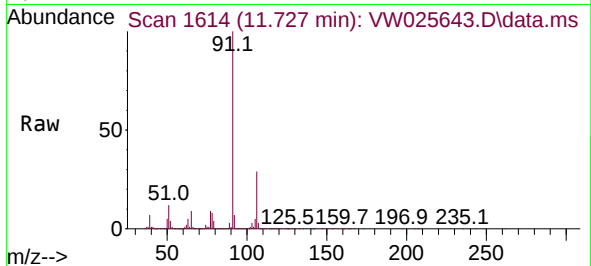




#52
Ethylbenzene
Concen: 25.479 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

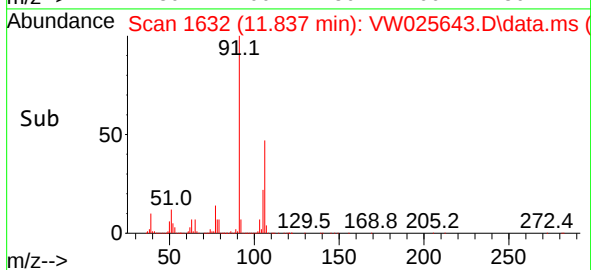
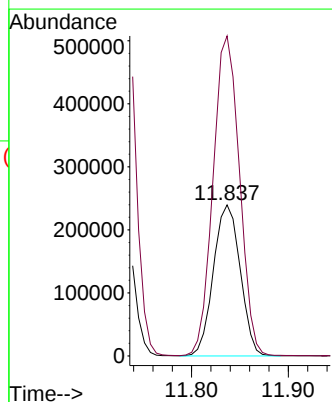
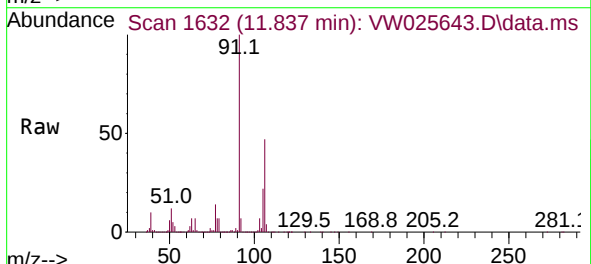
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

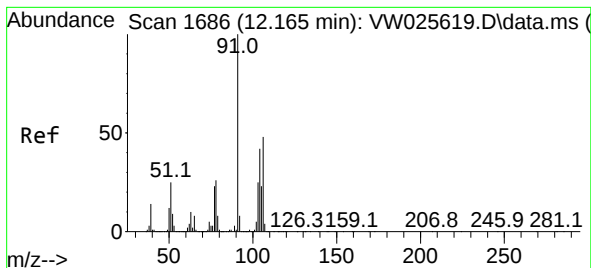
Tgt Ion: 91 Resp: 1255767
Ion Ratio Lower Upper
91 100
106 29.2 20.3 37.7



#53
m,p-Xylene
Concen: 25.516 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion:106 Resp: 461179
Ion Ratio Lower Upper
106 100
91 211.8 148.0 274.8

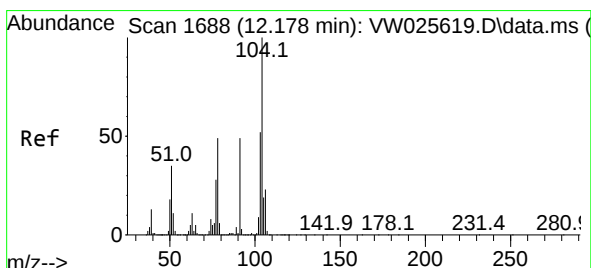
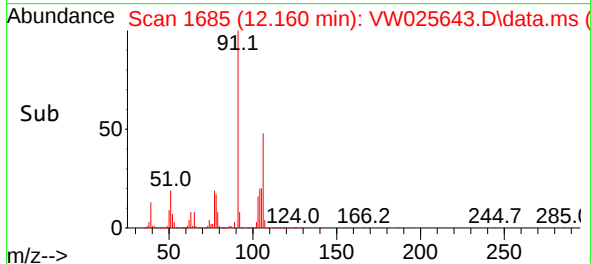
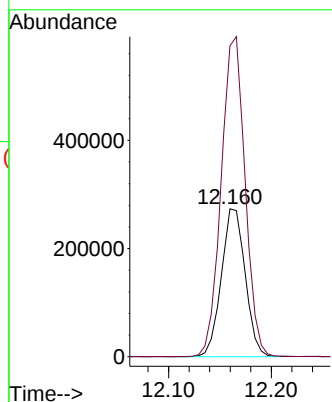
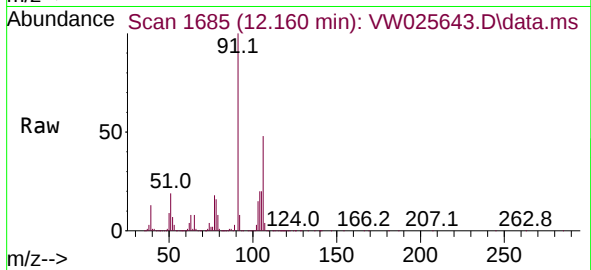




#54
o-Xylene
Concen: 26.032 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

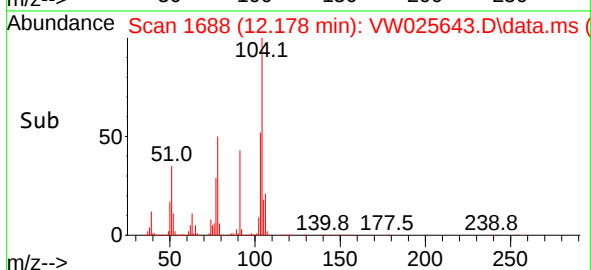
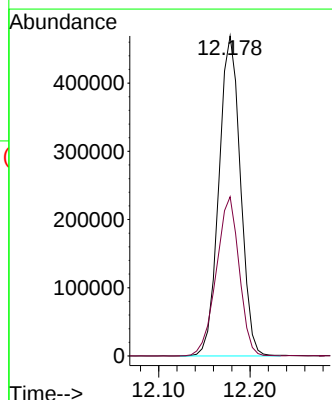
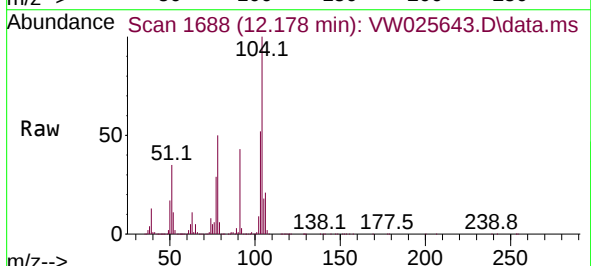
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

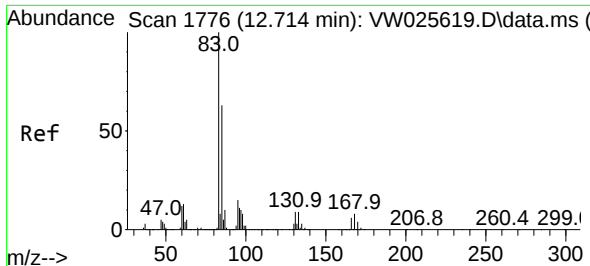
Tgt Ion:106 Resp: 440171
Ion Ratio Lower Upper
106 100
91 210.3 158.2 293.8



#55
Styrene
Concen: 26.989 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion:104 Resp: 768104
Ion Ratio Lower Upper
104 100
78 49.8 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 29.744 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

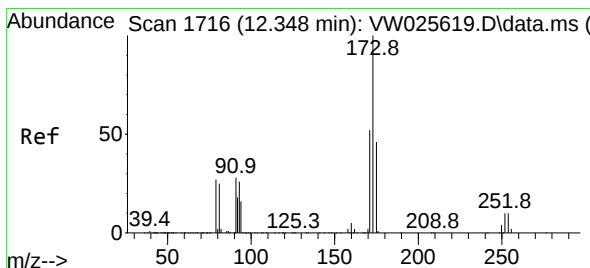
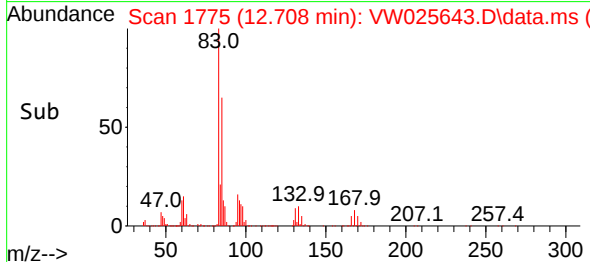
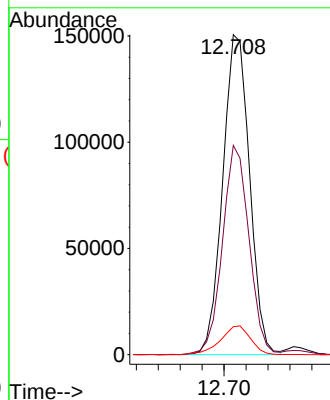
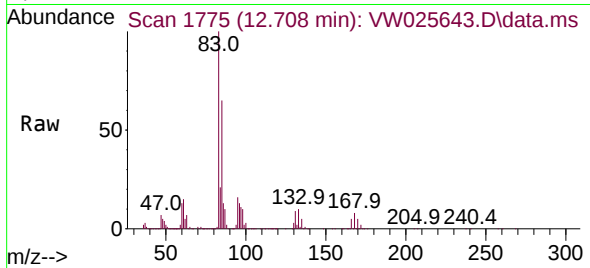
Tgt Ion: 83 Resp: 256613

Ion Ratio Lower Upper

83 100

85 65.4 43.5 80.7

131 8.7 7.0 10.4



#59

Bromoform

Concen: 29.179 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

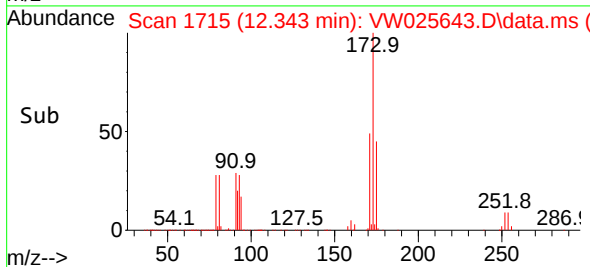
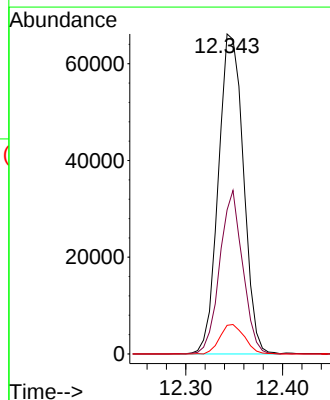
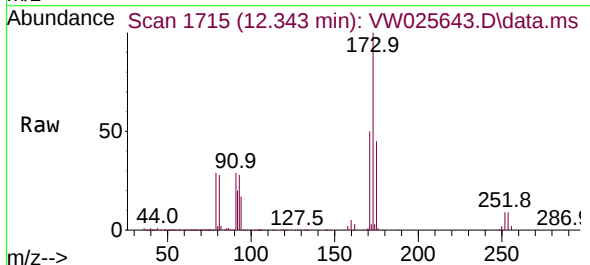
Tgt Ion:173 Resp: 118925

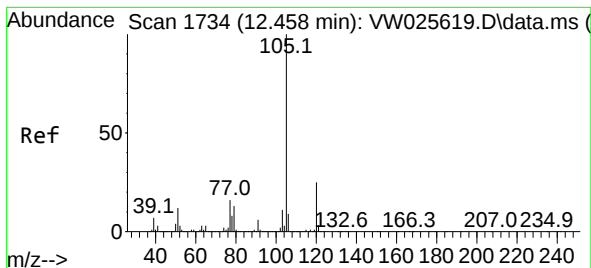
Ion Ratio Lower Upper

173 100

175 46.7 36.1 54.1

254 9.1 7.0 10.6





#60

Isopropylbenzene

Concen: 26.204 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

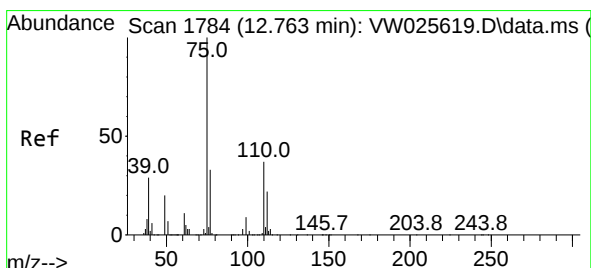
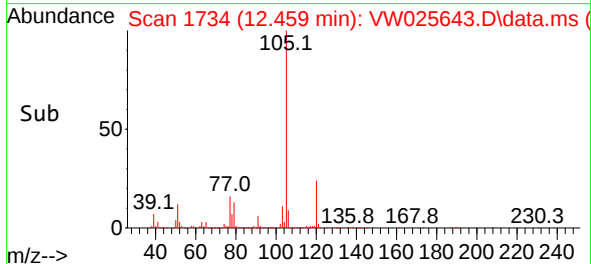
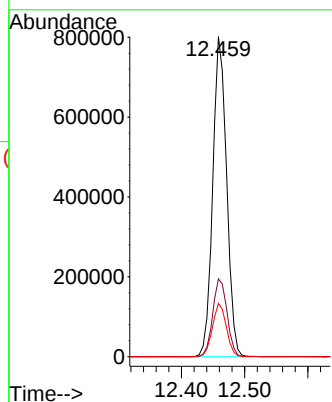
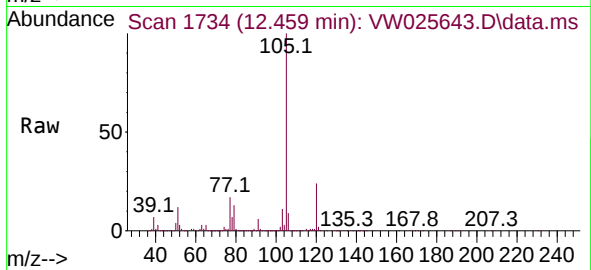
Tgt Ion:105 Resp: 1220919

Ion Ratio Lower Upper

105 100

120 25.1 20.1 30.1

77 16.7 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 30.440 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

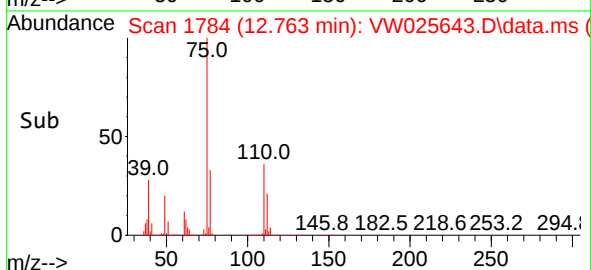
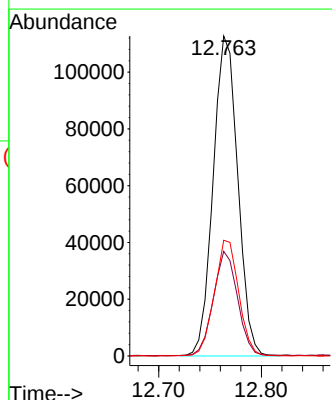
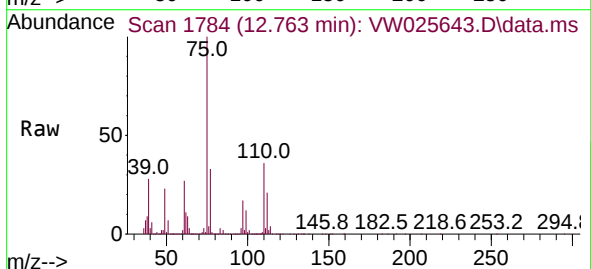
Tgt Ion: 75 Resp: 187645

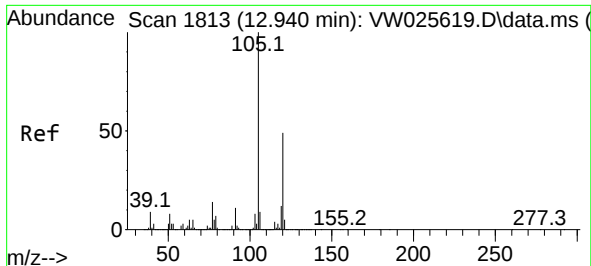
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

110 35.9 29.0 43.6

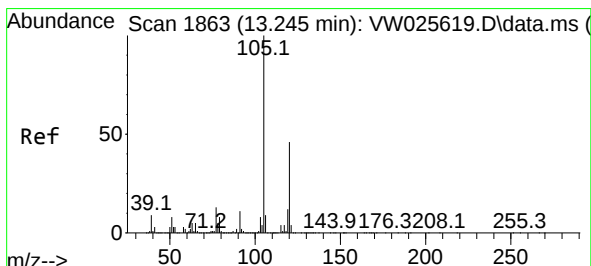
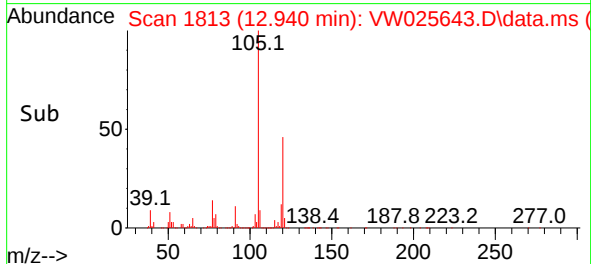
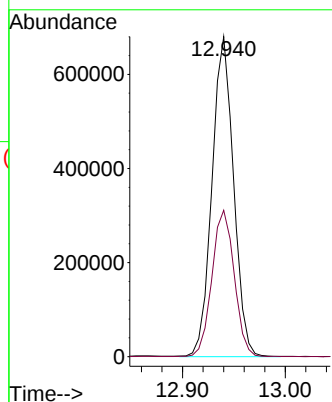
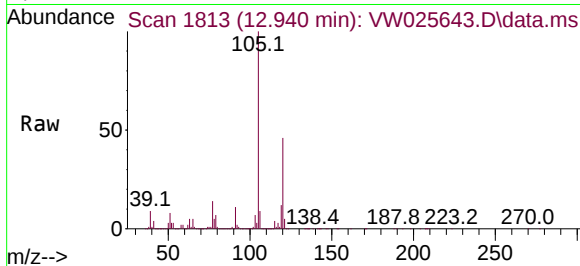




#62
1,3,5-Trimethylbenzene
Concen: 26.908 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

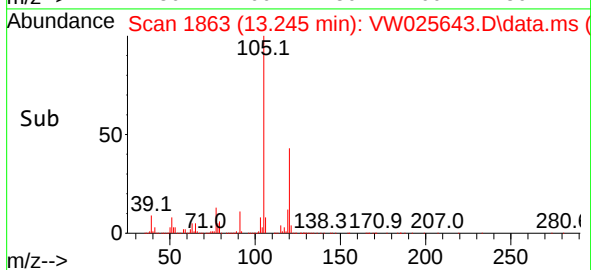
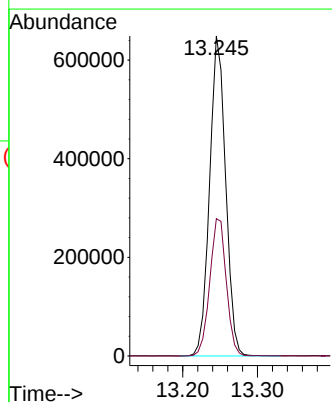
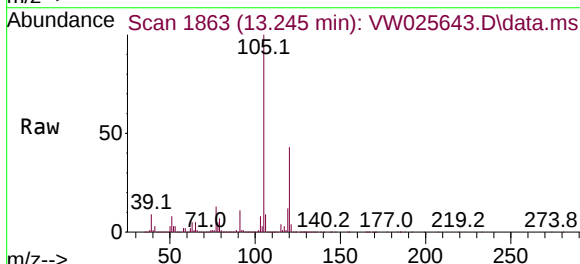
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

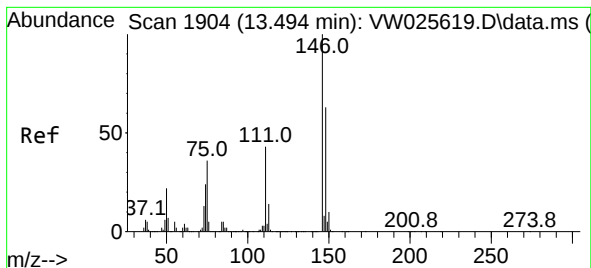
Tgt Ion:105 Resp: 989669
Ion Ratio Lower Upper
105 100
120 47.4 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 27.272 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025643.D
Acq: 21 Apr 2023 18:49

Tgt Ion:105 Resp: 965849
Ion Ratio Lower Upper
105 100
120 44.2 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 26.041 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

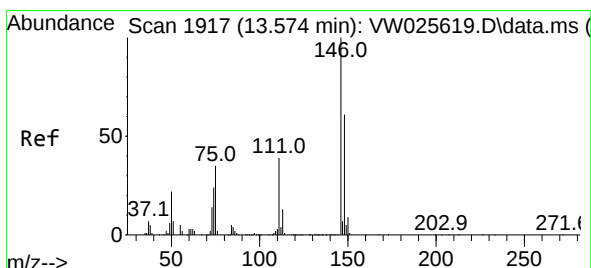
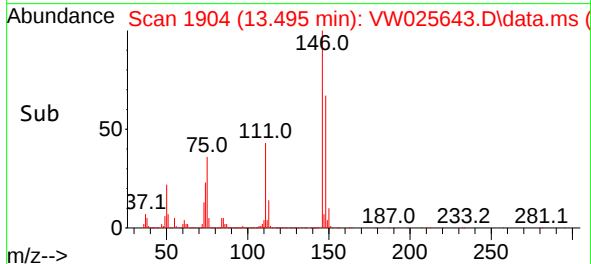
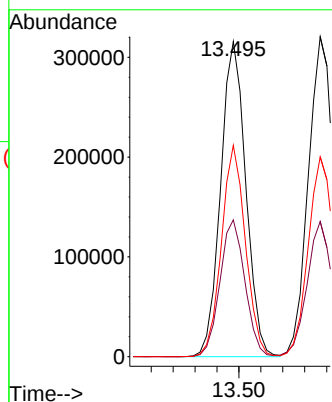
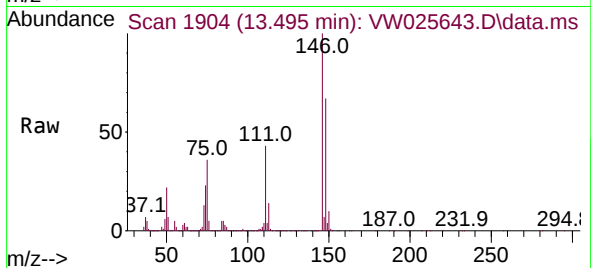
Tgt Ion:146 Resp: 502790

Ion Ratio Lower Upper

146 100

111 43.4 29.7 55.1

148 67.1 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 26.153 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

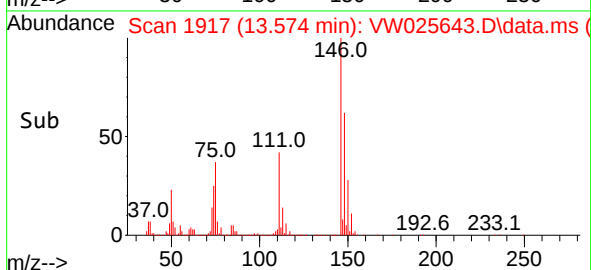
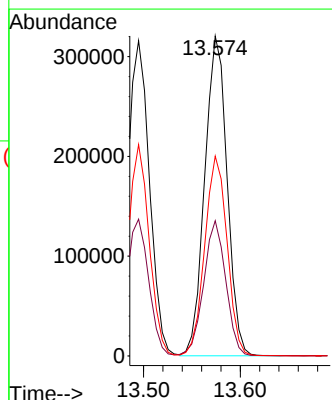
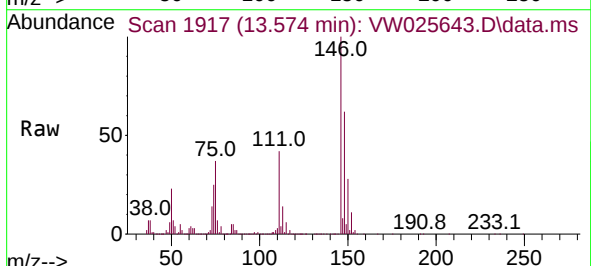
Tgt Ion:146 Resp: 515693

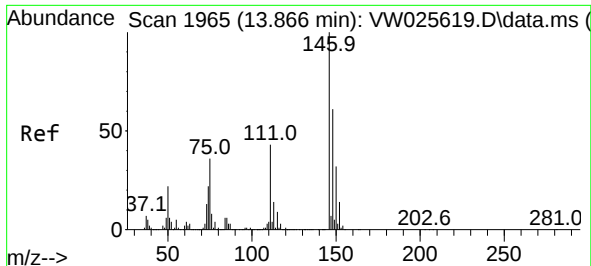
Ion Ratio Lower Upper

146 100

111 42.2 30.4 56.5

148 62.5 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 27.451 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

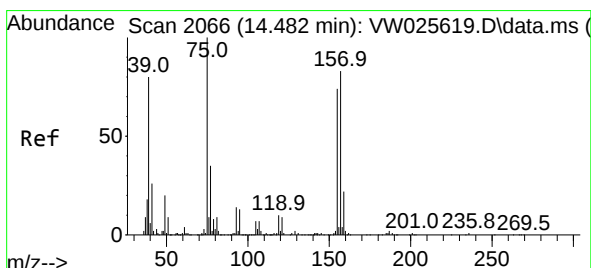
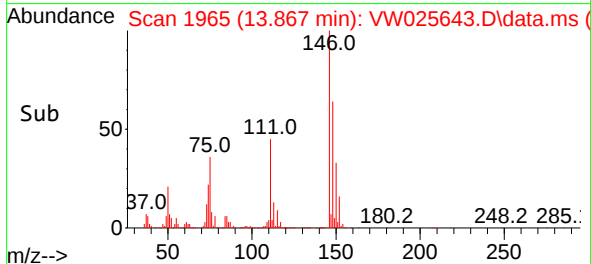
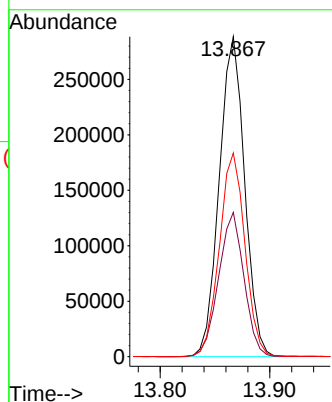
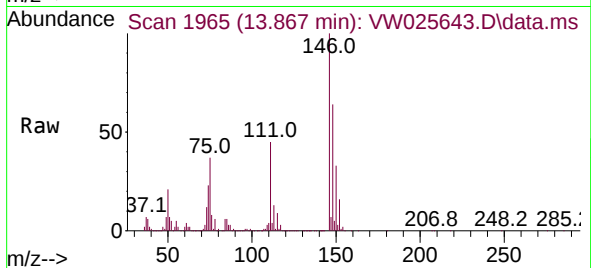
Tgt Ion:146 Resp: 464652

Ion Ratio Lower Upper

146 100

111 45.1 35.3 52.9

148 63.7 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 31.089 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

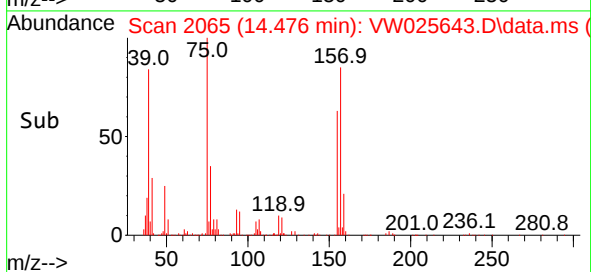
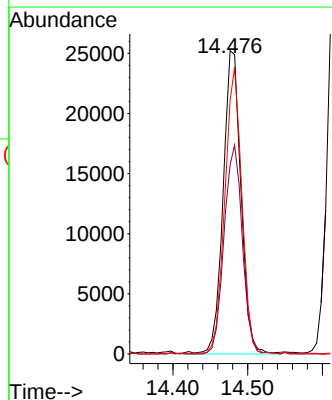
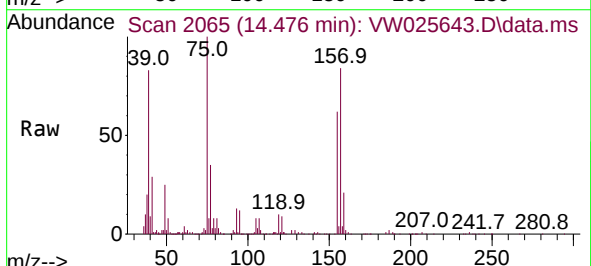
Tgt Ion: 75 Resp: 42041

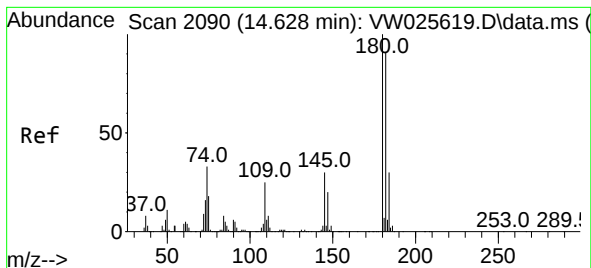
Ion Ratio Lower Upper

75 100

155 62.4 61.1 91.7

157 83.7 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 26.771 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

Tgt Ion:180 Resp: 346068

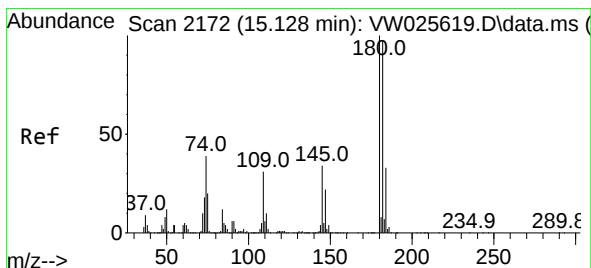
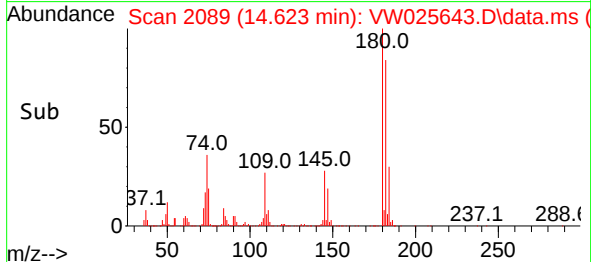
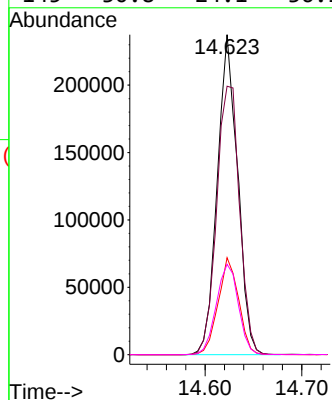
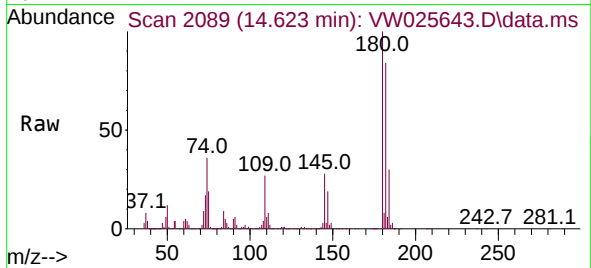
Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

184 30.6 24.1 36.1

145 30.8 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 26.451 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

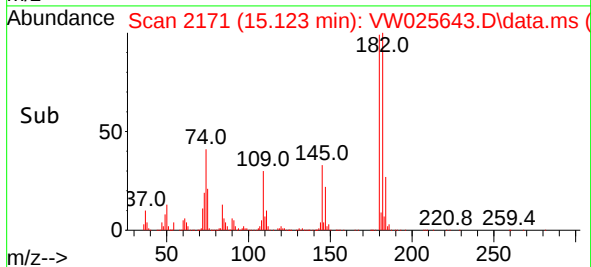
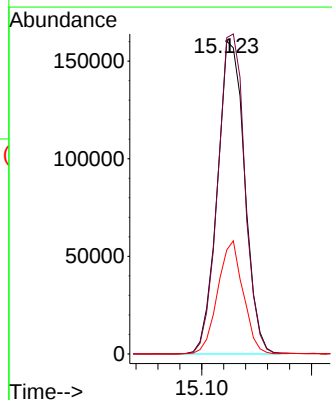
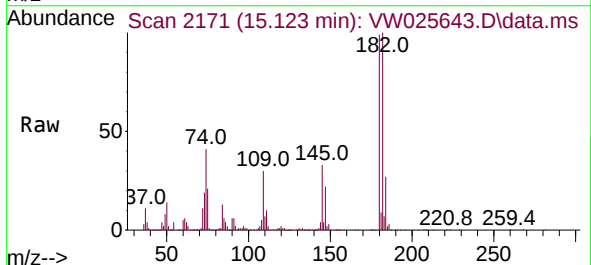
Tgt Ion:180 Resp: 277764

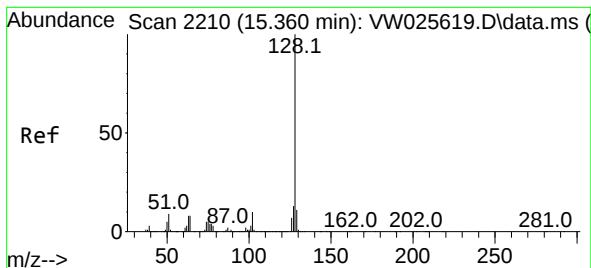
Ion Ratio Lower Upper

180 100

182 101.2 79.5 119.3

145 33.6 27.4 41.0





#71

Naphthalene

Concen: 32.669 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

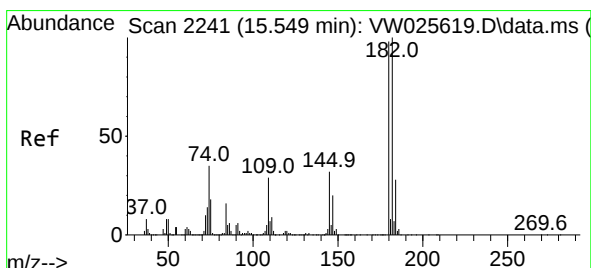
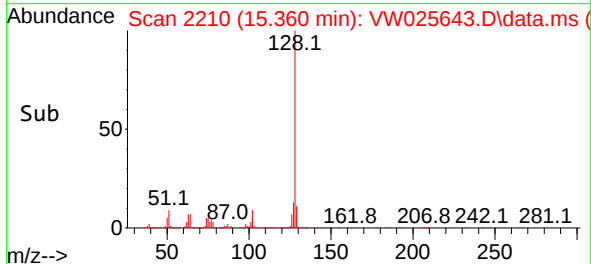
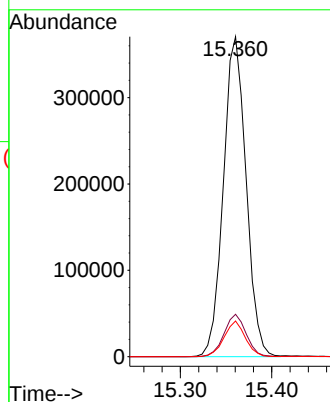
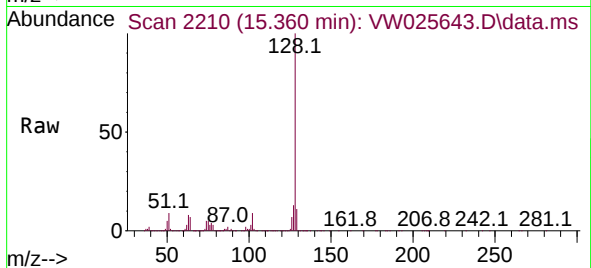
Tgt Ion:128 Resp: 640132

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 28.438 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025643.D

Acq: 21 Apr 2023 18:49

Tgt Ion:180 Resp: 261096

Ion Ratio Lower Upper

180 100

182 92.1 72.9 109.3

145 34.5 27.0 40.6

