

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011322\
 Data File : VW021898.D
 Acq On : 13 Jan 2022 18:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Jan 14 00:56:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 23:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	129165	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	130630	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77226	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	64526	26.878	ug/L	0.00
Spiked Amount 25.000	Range	30 - 150	Recovery	= 107.520%		
7) Chloroethane-d5	2.879	69	50247	23.178	ug/L	0.00
Spiked Amount 25.000	Range	30 - 150	Recovery	= 92.720%		
11) 1,1-Dichloroethene-d2	4.013	63	90895	23.982	ug/L	-0.01
Spiked Amount 25.000	Range	45 - 110	Recovery	= 95.920%		
21) 2-Butanone-d5	7.080	46	23938	70.644	ug/L	0.00
Spiked Amount 50.000	Range	20 - 135	Recovery	= 141.280%#		
24) Chloroform-d	7.647	84	107853	25.847	ug/L	0.00
Spiked Amount 25.000	Range	40 - 150	Recovery	= 103.400%		
26) 1,2-Dichloroethane-d4	8.305	65	55780	27.682	ug/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	= 110.720%		
32) Benzene-d6	8.275	84	216690	25.564	ug/L	0.00
Spiked Amount 25.000	Range	20 - 135	Recovery	= 102.240%		
36) 1,2-Dichloropropane-d6	9.274	67	57167	25.588	ug/L	0.00
Spiked Amount 25.000	Range	70 - 120	Recovery	= 102.360%		
41) Toluene-d8	10.323	98	215374	25.206	ug/L	0.00
Spiked Amount 25.000	Range	30 - 130	Recovery	= 100.840%		
43) trans-1,3-Dichloroprop...	10.579	79	26026	27.438	ug/L	0.00
Spiked Amount 25.000	Range	30 - 135	Recovery	= 109.760%		
47) 2-Hexanone-d5	10.920	63	21833	72.020	ug/L	0.00
Spiked Amount 50.000	Range	20 - 135	Recovery	= 144.040%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	51681	29.583	ug/L	0.00
Spiked Amount 25.000	Range	45 - 120	Recovery	= 118.320%		
66) 1,2-Dichlorobenzene-d4	13.847	152	81001	25.509	ug/L	0.00
Spiked Amount 25.000	Range	75 - 120	Recovery	= 102.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	22371	43.933	ug/L	96
3) Chloromethane	2.209	50	43450	23.535	ug/L	95
5) Vinyl chloride	2.355	62	65276	24.612	ug/L	99
6) Bromomethane	2.769	94	44068	23.499	ug/L	100
8) Chloroethane	2.916	64	35055	21.870	ug/L	96
9) Trichlorofluoromethane	3.251	101	38580	19.575	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	49786	23.207	ug/L #	83
12) 1,1-Dichloroethene	4.037	96	44940	23.310	ug/L	78
13) Acetone	4.123	43	15784	56.381	ug/L	82
14) Carbon disulfide	4.379	76	112099	22.208	ug/L	98
15) Methyl Acetate	4.672	43	15910	28.118	ug/L #	79
16) Methylene chloride	4.909	84	46732	21.141	ug/L	77
17) trans-1,2-Dichloroethene	5.421	96	48397	23.231	ug/L	80
18) Methyl tert-butyl Ether	5.427	73	66294	24.954	ug/L #	82
19) 1,1-Dichloroethane	6.214	63	75196	24.612	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	53025	24.742	ug/L	67
22) 2-Butanone	7.171	43	22216	62.083	ug/L	79
23) Bromochloromethane	7.512	128	25867	24.257	ug/L #	60
25) Chloroform	7.677	83	87442	24.189	ug/L	97

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 Response via : Initial Calibration

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

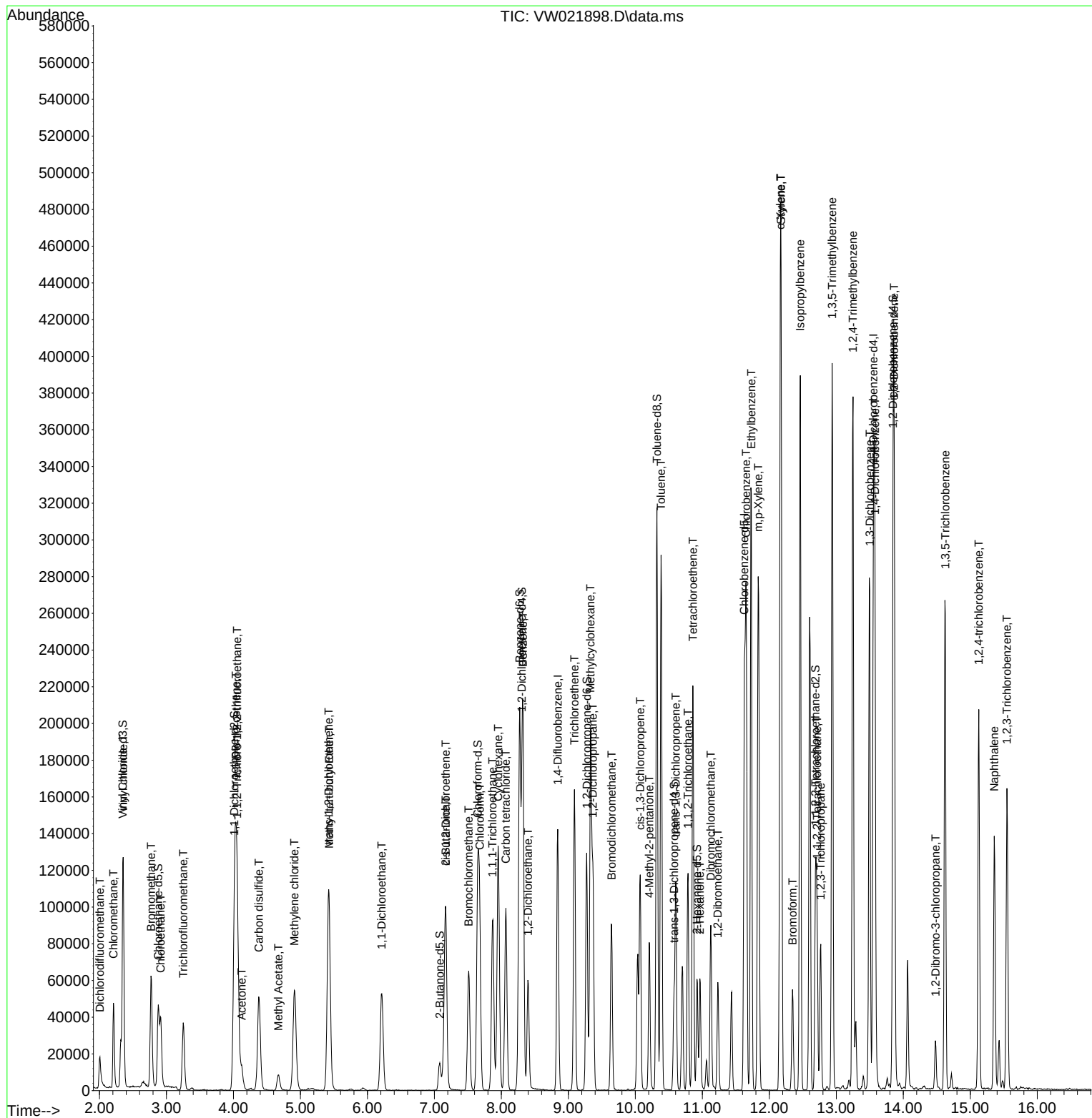
27) 1,2-Dichloroethane	8.396	62	53767	25.685	ug/L	96
29) Cyclohexane	7.951	56	69386	23.743	ug/L #	75
30) 1,1,1-Trichloroethane	7.866	97	78814	23.277	ug/L #	92
31) Carbon tetrachloride	8.067	117	75843	23.115	ug/L	99
33) Benzene	8.323	78	186442	23.276	ug/L	100
34) Trichloroethene	9.091	95	53394	22.976	ug/L	87
35) Methylcyclohexane	9.329	83	88929	23.270	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	41835	23.974	ug/L #	94
38) Bromodichloromethane	9.646	83	60114	24.678	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	69826	25.752	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	48536	59.210	ug/L #	86
42) Toluene	10.384	91	215967	24.040	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	61040	26.897	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	37728	25.465	ug/L	92
46) Tetrachloroethene	10.859	164	51187	22.275	ug/L	93
48) 2-Hexanone	10.963	43	35059	62.509	ug/L #	88
49) Dibromochloromethane	11.128	129	47969	25.696	ug/L	93
50) 1,2-Dibromoethane	11.231	107	38022	25.854	ug/L #	98
51) Chlorobenzene	11.652	112	150112	23.665	ug/L	91
52) Ethylbenzene	11.731	91	238962	23.944	ug/L	93
53) m,p-Xylene	11.835	106	99148	23.759	ug/L	84
54) o-Xylene	12.164	106	95073	24.540	ug/L	92
55) Styrene	12.176	104	159539	24.943	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	42748	26.817	ug/L #	98
59) Bromoform	12.347	173	25632	24.344	ug/L	99
60) Isopropylbenzene	12.463	105	254929	24.241	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	30622	27.747	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	215220	24.714	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	213273	24.832	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	121247	22.932	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	122794	23.521	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	107486	23.219	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5910	27.730	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	87728	22.324	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	69060	22.055	ug/L	90
71) Naphthalene	15.359	128	120618	24.971	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	54601	21.116	ug/L	97

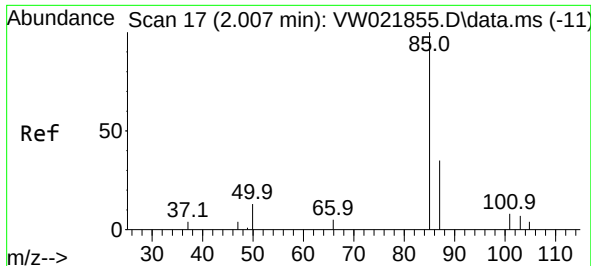
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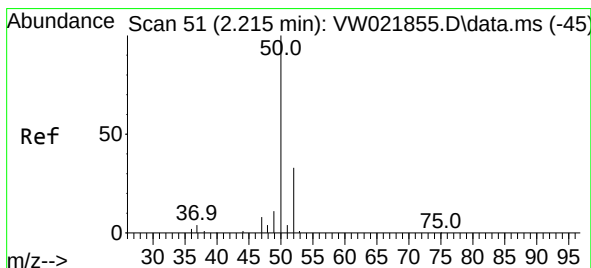
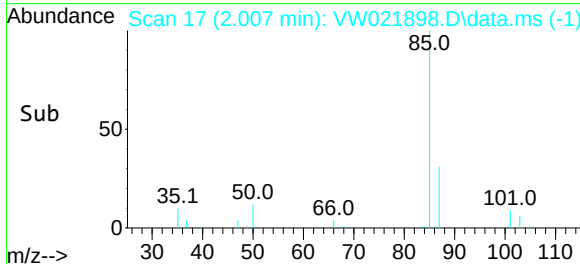
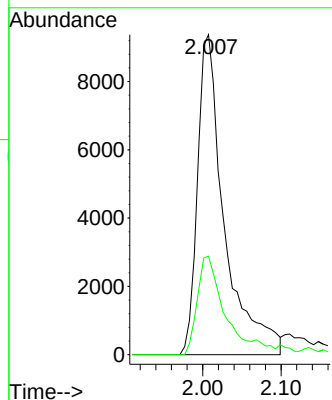
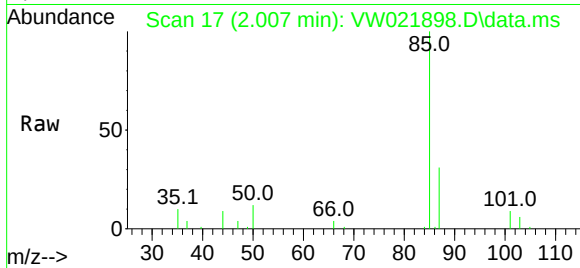




#2
 Dichlorodifluoromethane
 Concen: 43.933 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021898.D
 Acq: 13 Jan 2022 18:06

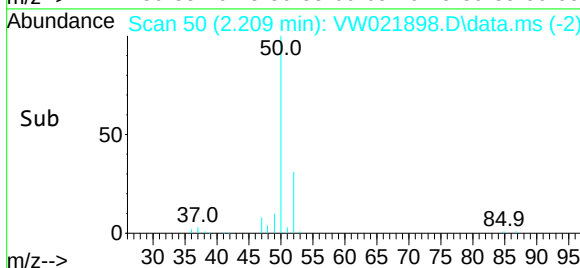
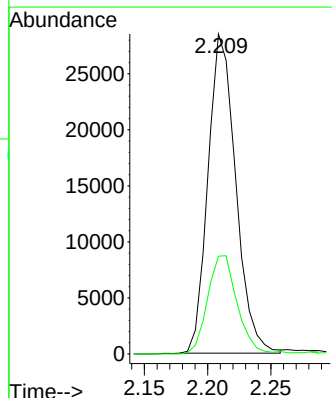
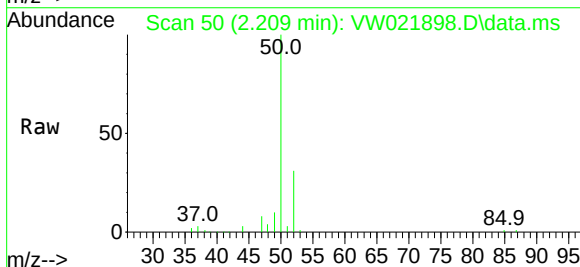
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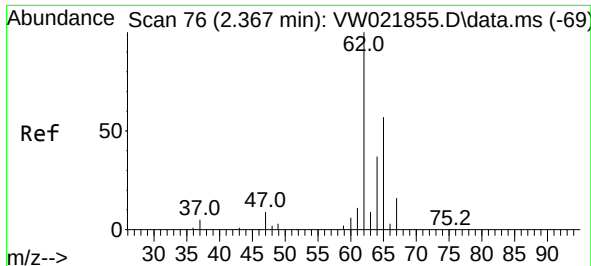
Tgt Ion: 85 Resp: 22371
 Ion Ratio Lower Upper
 85 100
 87 29.9 25.8 38.6



#3
 Chloromethane
 Concen: 23.535 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021898.D
 Acq: 13 Jan 2022 18:06

Tgt Ion: 50 Resp: 43450
 Ion Ratio Lower Upper
 50 100
 52 30.5 23.4 43.6

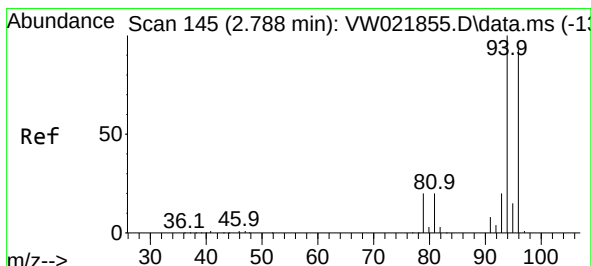
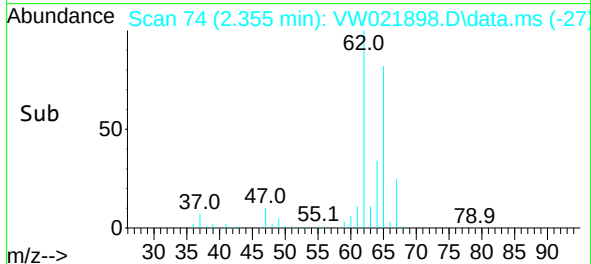
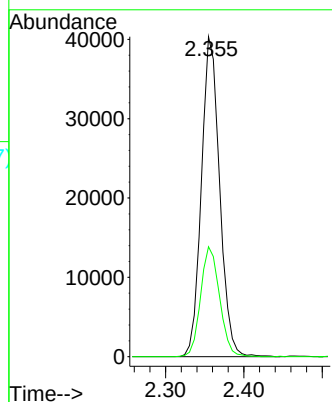
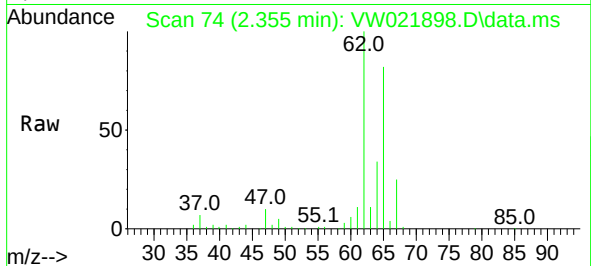




#5
 Vinyl chloride
 Concen: 24.612 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VW021898.D
 Acq: 13 Jan 2022 18:06

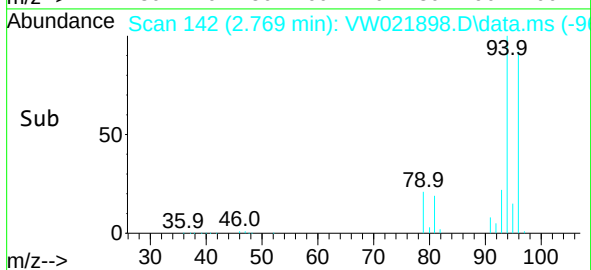
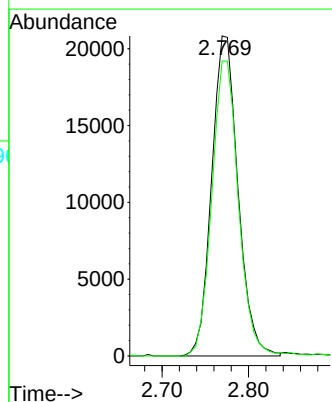
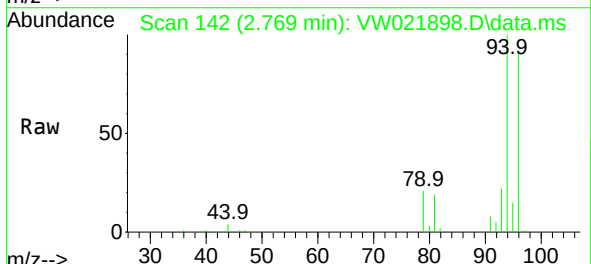
Instrument :
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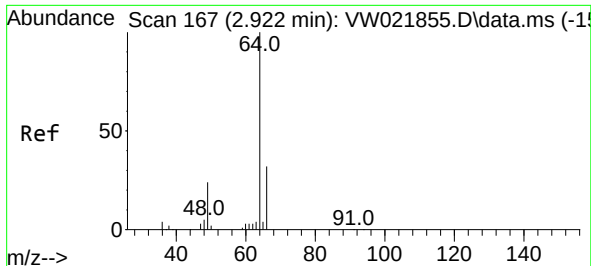
Tgt Ion: 62 Resp: 65276
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.4 45.2



#6
 Bromomethane
 Concen: 23.499 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.018 min
 Lab File: VW021898.D
 Acq: 13 Jan 2022 18:06

Tgt Ion: 94 Resp: 44068
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.8 120.4

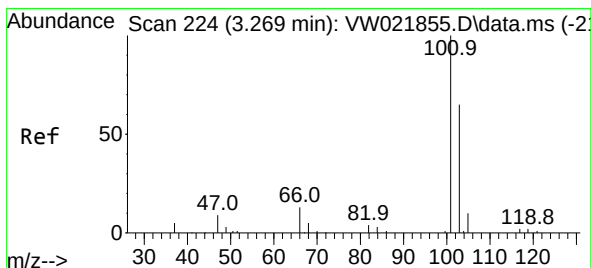
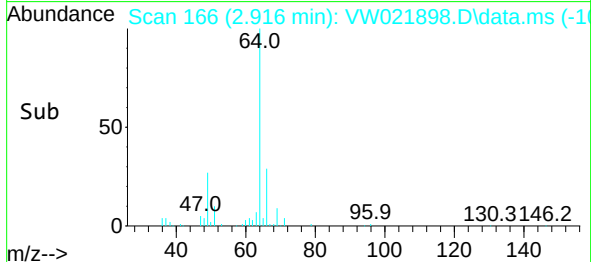
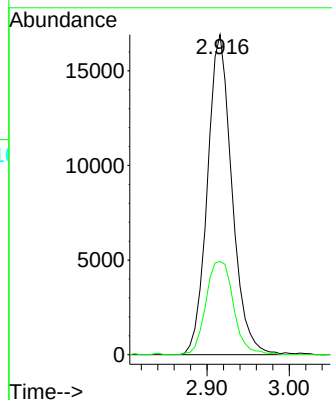
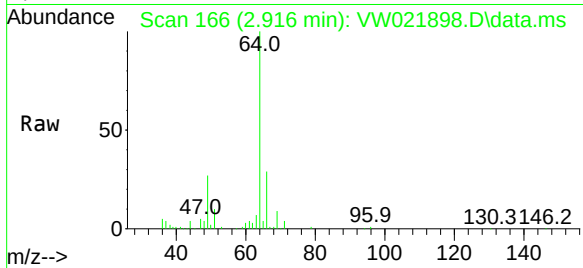




#8
Chloroethane
Concen: 21.870 ug/L
RT: 2.916 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

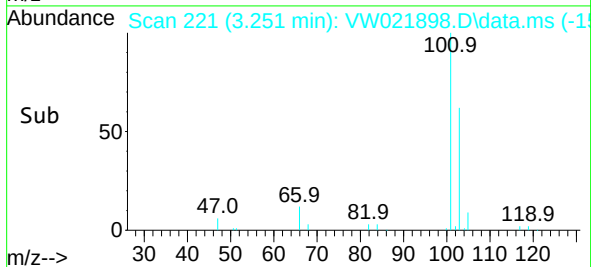
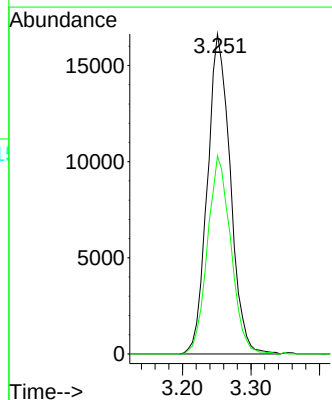
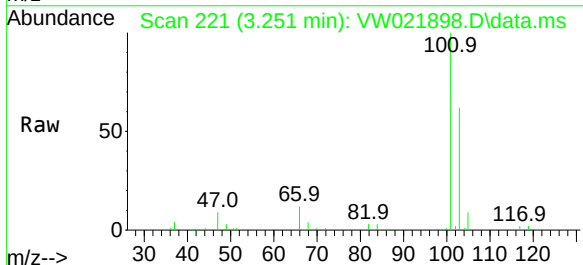
Instrument :
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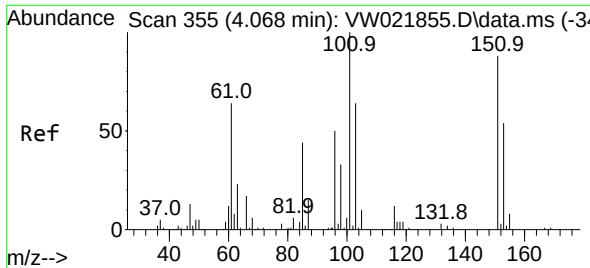
Tgt Ion: 64 Resp: 35055
Ion Ratio Lower Upper
64 100
66 29.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.575 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.018 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 101 Resp: 38580
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

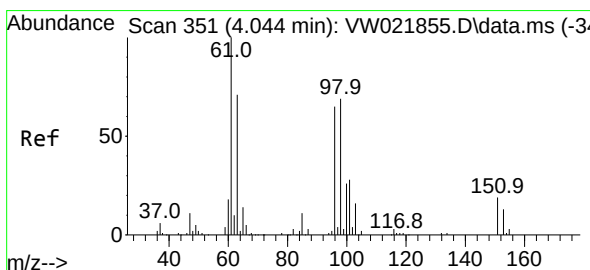
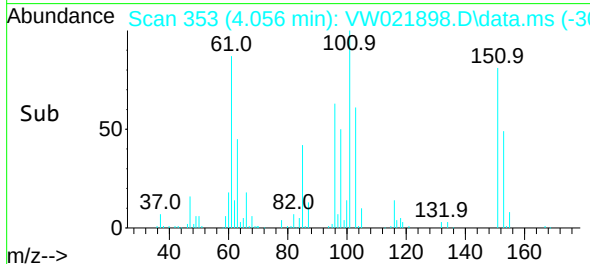
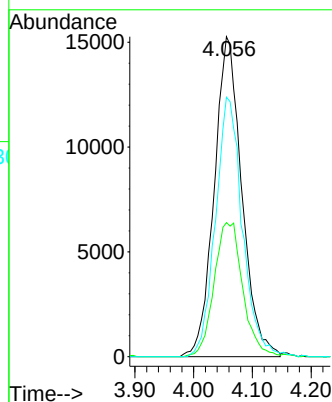
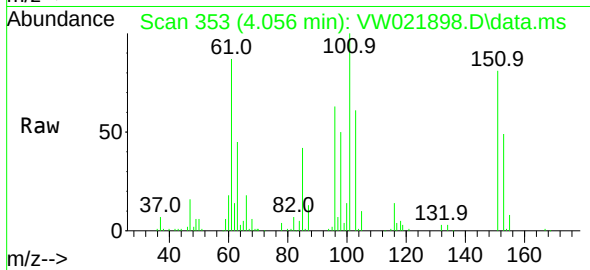




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.207 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW021898.D
 Acq: 13 Jan 2022 18:06

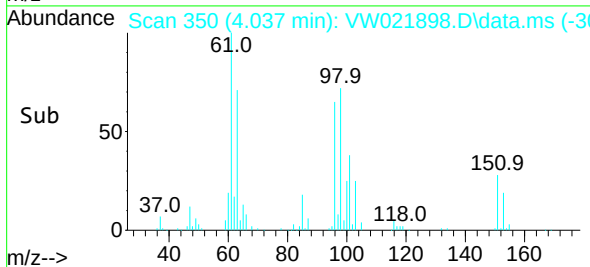
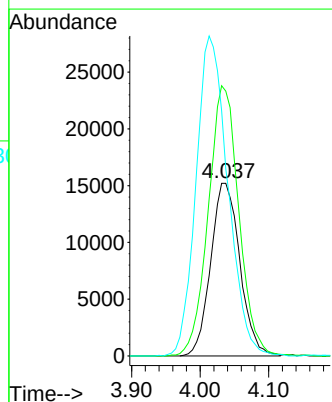
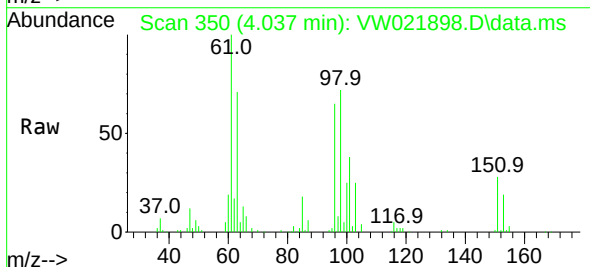
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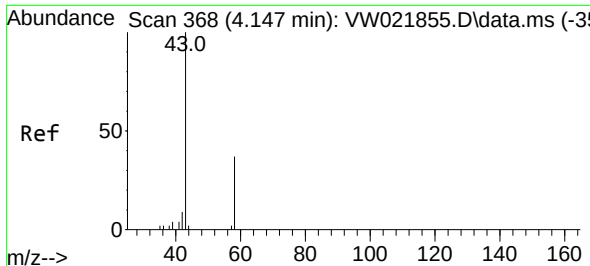
Tgt Ion:101 Resp: 49786
 Ion Ratio Lower Upper
 101 100
 85 25.8 36.6 54.8#
 151 79.3 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.310 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021898.D
 Acq: 13 Jan 2022 18:06

Tgt Ion: 96 Resp: 44940
 Ion Ratio Lower Upper
 96 100
 61 153.3 138.3 256.9
 63 108.2 82.6 153.4

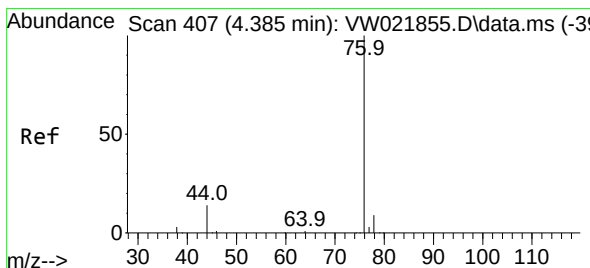
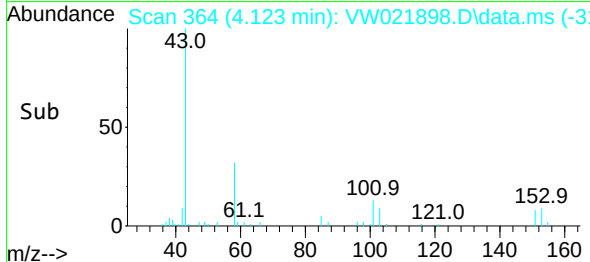
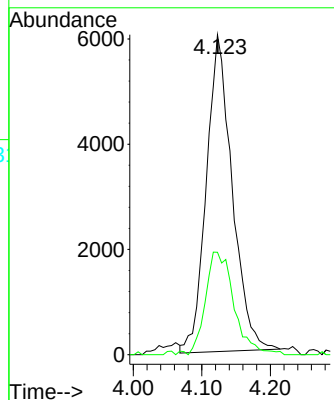
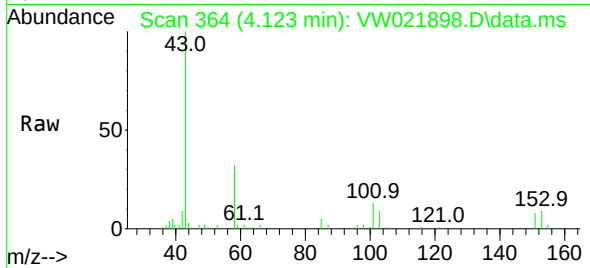




#13
Acetone
Concen: 56.381 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.024 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

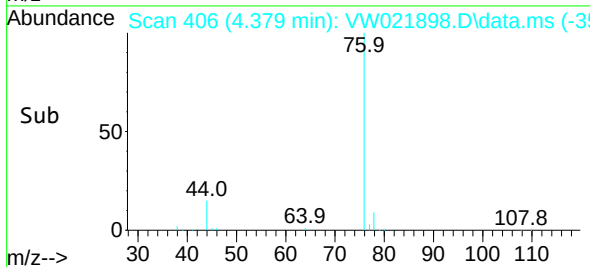
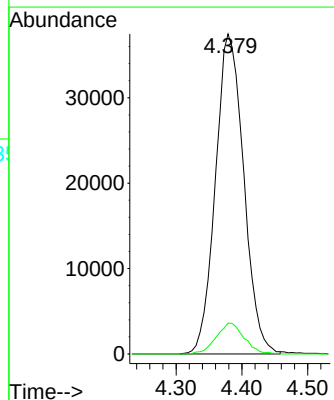
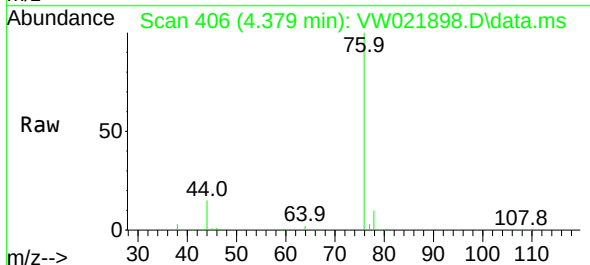
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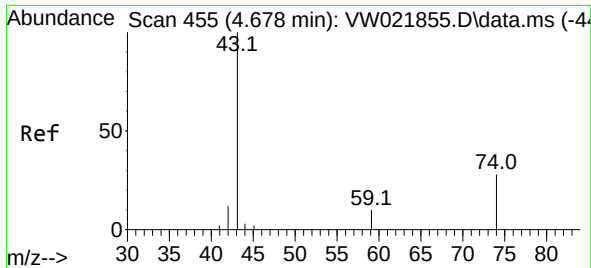
Tgt Ion: 43 Resp: 15784
Ion Ratio Lower Upper
43 100
58 35.5 0.0 52.8



#14
Carbon disulfide
Concen: 22.208 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 76 Resp: 112099
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

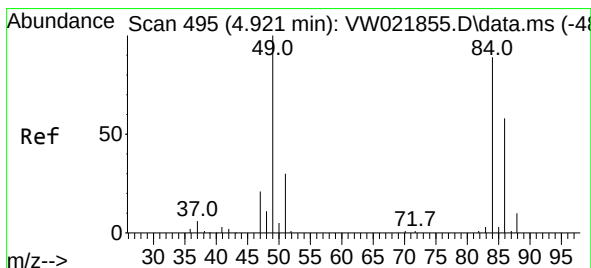
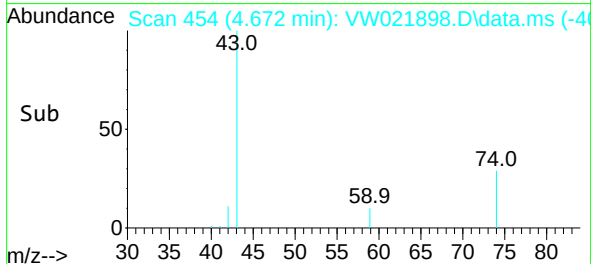
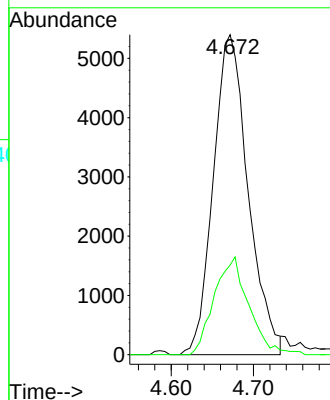
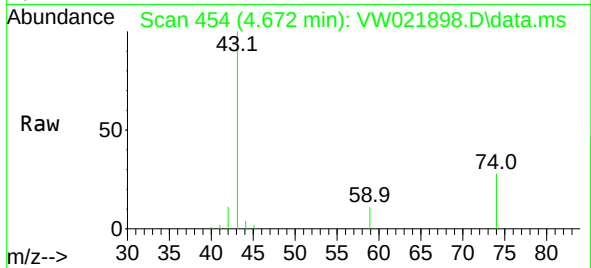




#15
Methyl Acetate
Concen: 28.118 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

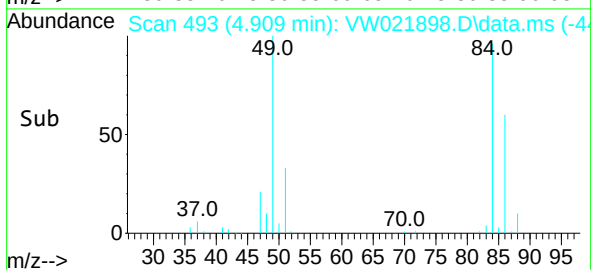
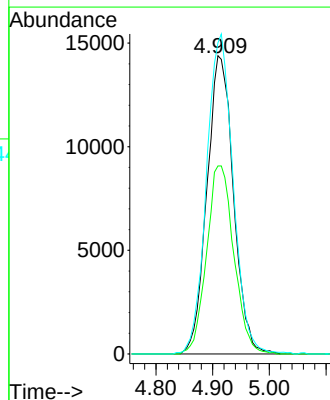
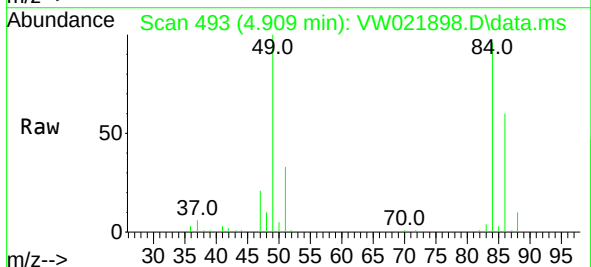
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

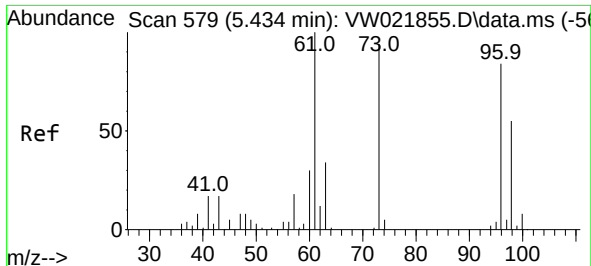
Tgt Ion: 43 Resp: 15910
Ion Ratio Lower Upper
43 100
74 30.1 16.4 24.6#



#16
Methylene chloride
Concen: 21.141 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 84 Resp: 46732
Ion Ratio Lower Upper
84 100
86 63.0 45.5 84.5
49 104.3 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.231 ug/L

RT: 5.421 min Scan# 579

Delta R.T. -0.012 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

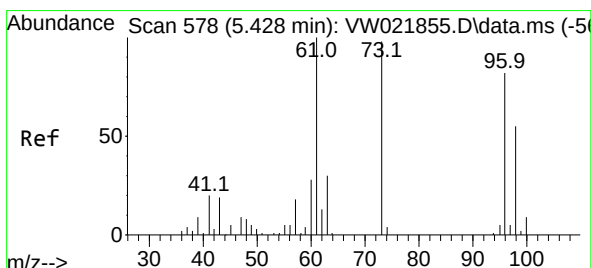
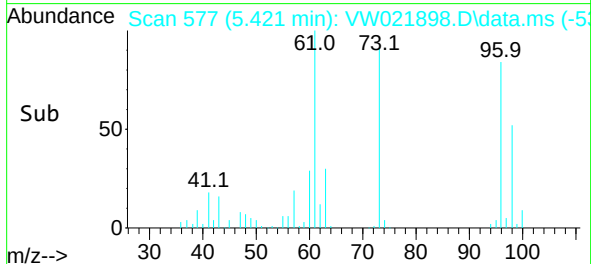
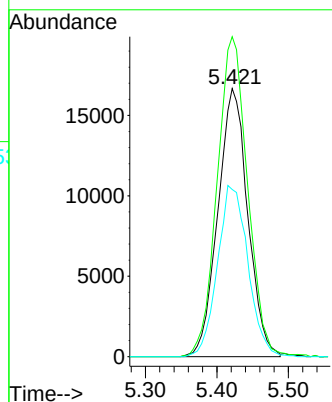
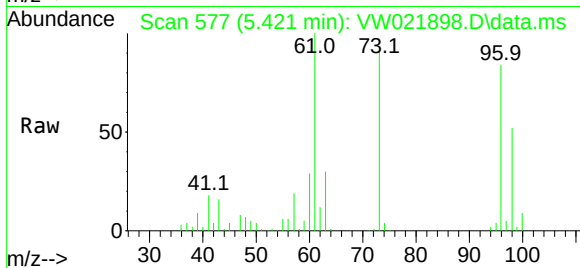
Tgt Ion: 96 Resp: 48397

Ion Ratio Lower Upper

96 100

61 119.3 107.4 199.4

98 62.4 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 24.954 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

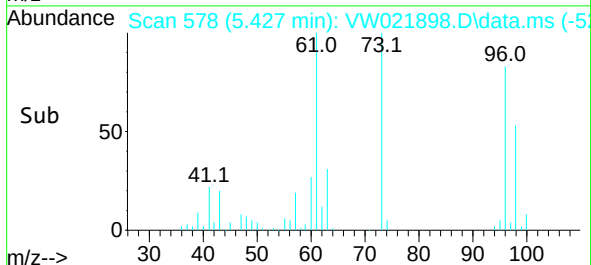
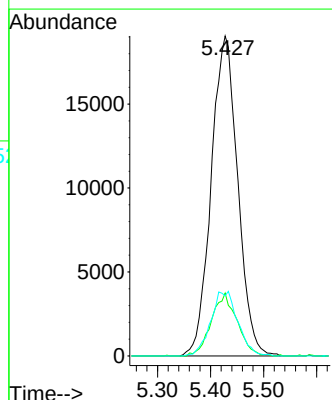
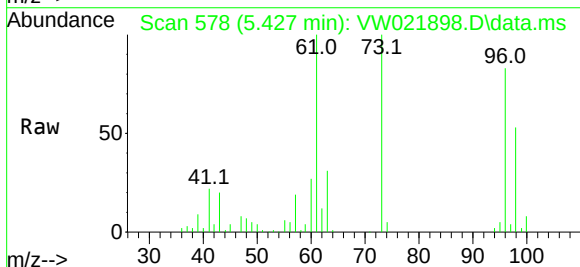
Tgt Ion: 73 Resp: 66294

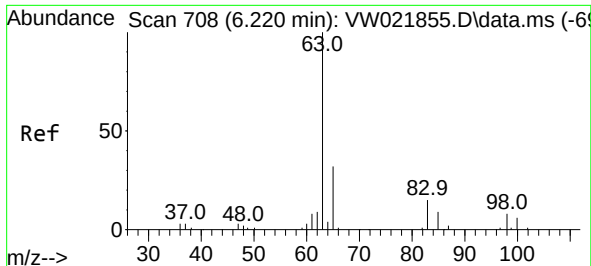
Ion Ratio Lower Upper

73 100

43 18.9 19.5 29.3#

57 11.7 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 24.612 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

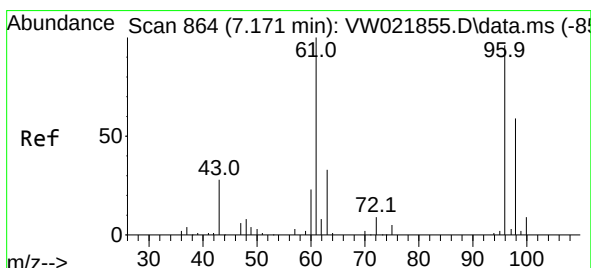
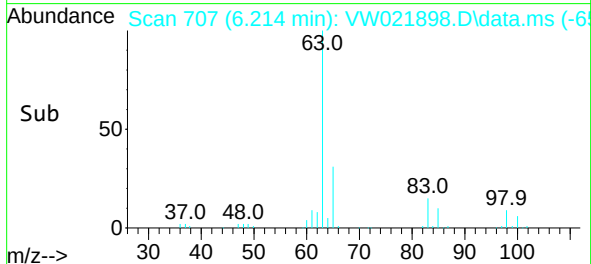
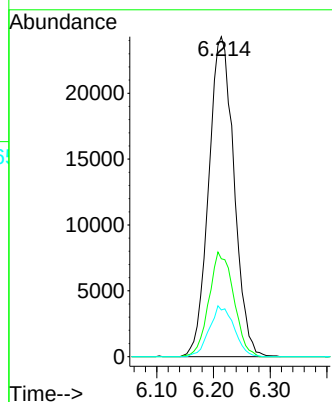
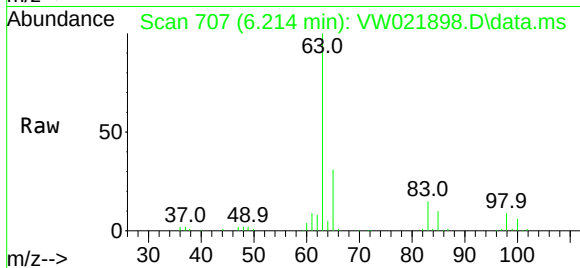
Tgt Ion: 63 Resp: 75196

Ion Ratio Lower Upper

63 100

65 30.6 22.1 41.1

83 14.6 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.742 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

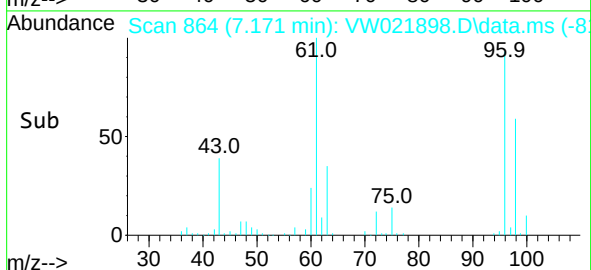
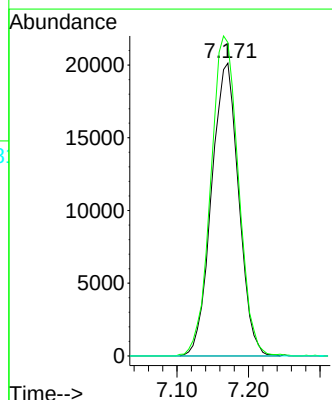
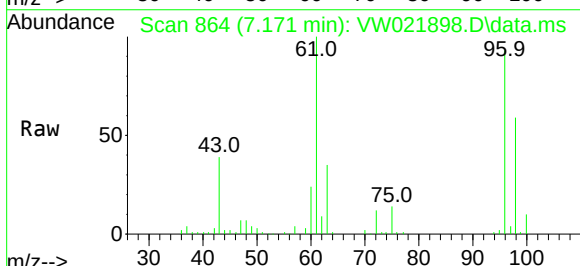
Tgt Ion: 96 Resp: 53025

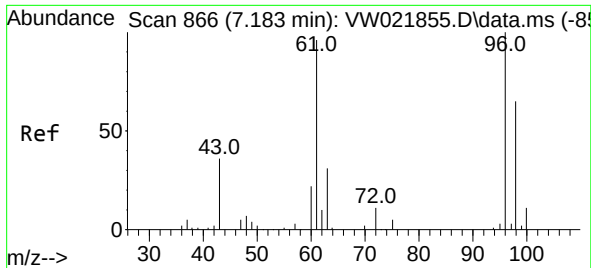
Ion Ratio Lower Upper

96 100

61 107.1 103.7 192.7

68 0.0 0.0 0.0

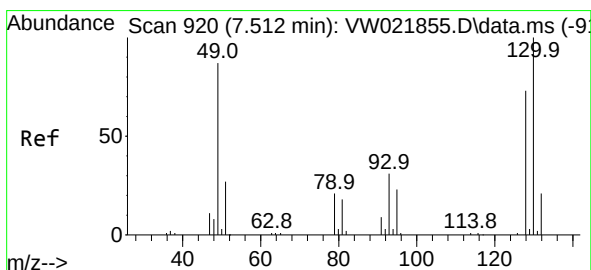
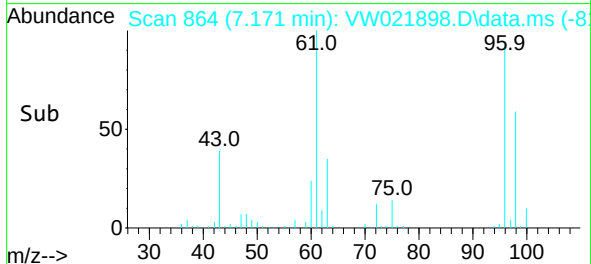
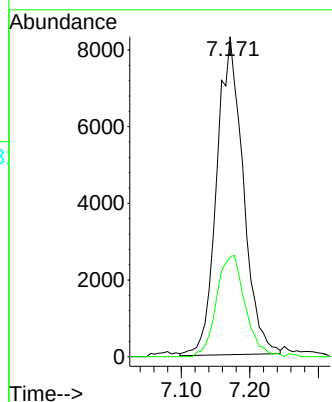
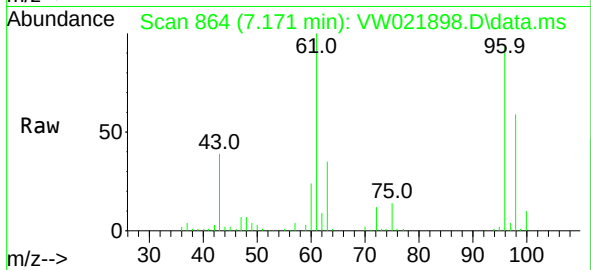




#22
2-Butanone
Concen: 62.083 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.012 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

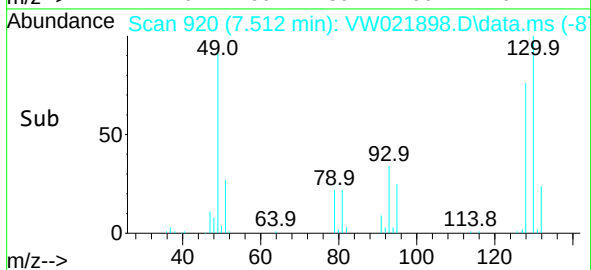
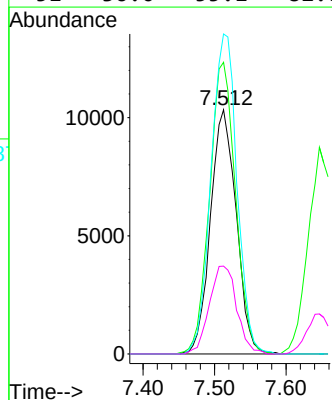
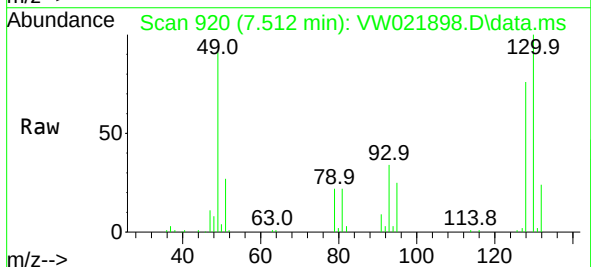
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

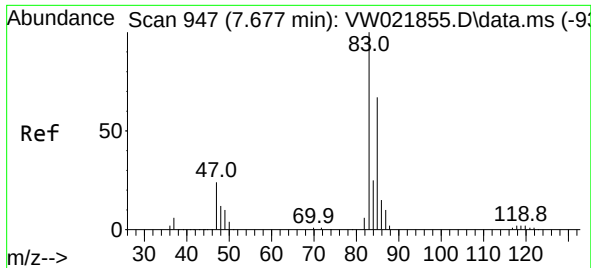
Tgt Ion: 43 Resp: 22216
Ion Ratio Lower Upper
43 100
72 34.1 11.8 35.4



#23
Bromochloromethane
Concen: 24.257 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 128 Resp: 25867
Ion Ratio Lower Upper
128 100
49 119.5 150.3 279.1#
130 131.1 88.3 163.9
51 36.0 55.1 82.7#

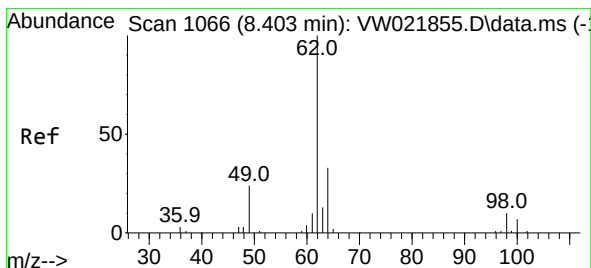
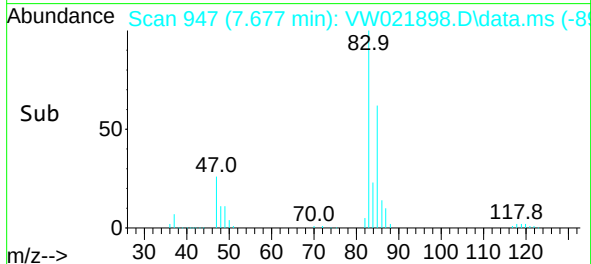
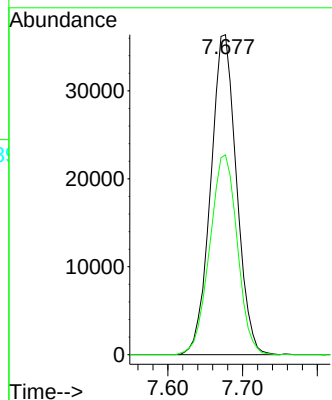
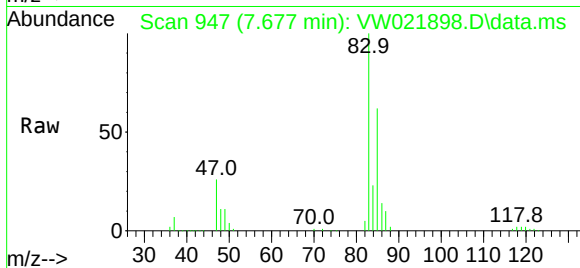




#25
Chloroform
Concen: 24.189 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

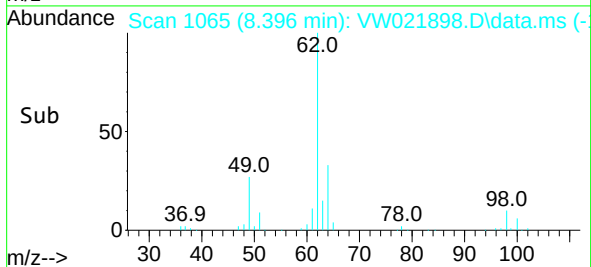
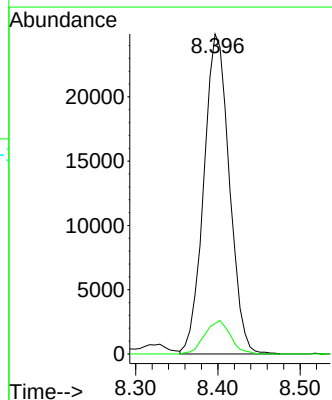
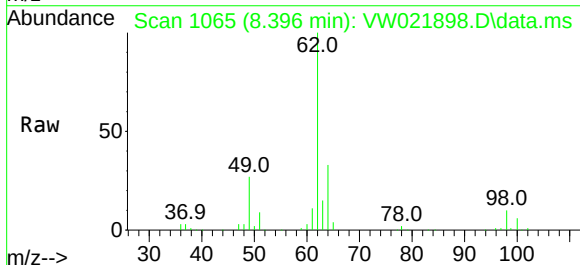
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

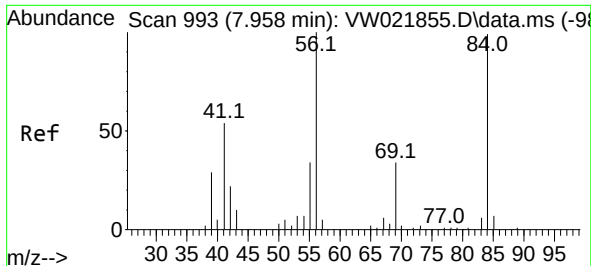
Tgt Ion: 83 Resp: 87442
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.685 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 62 Resp: 53767
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7

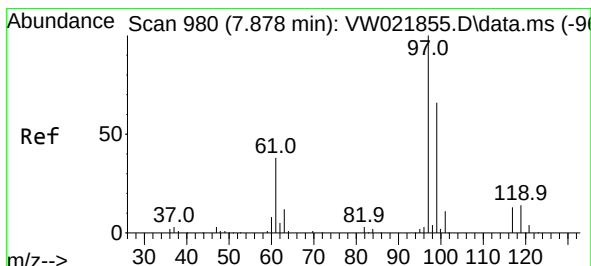
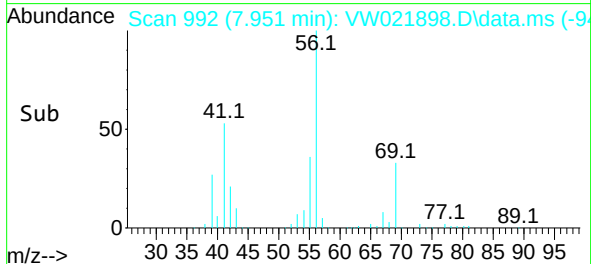
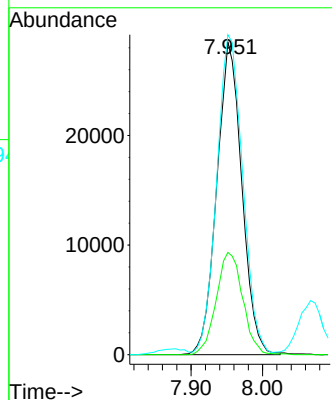
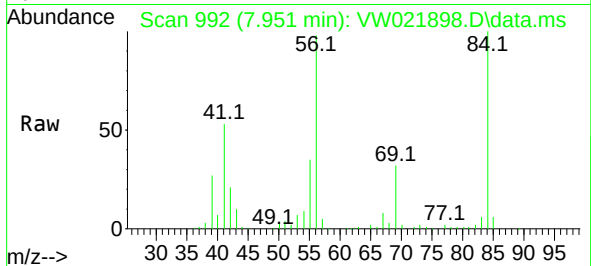




#29
Cyclohexane
Concen: 23.743 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

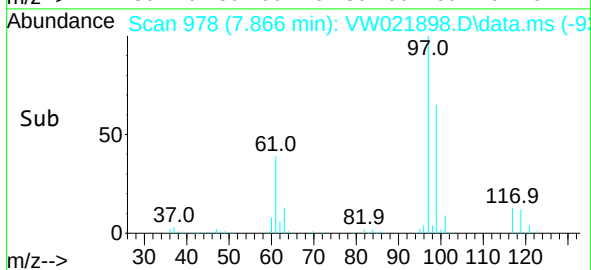
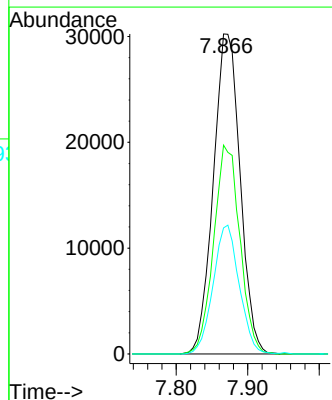
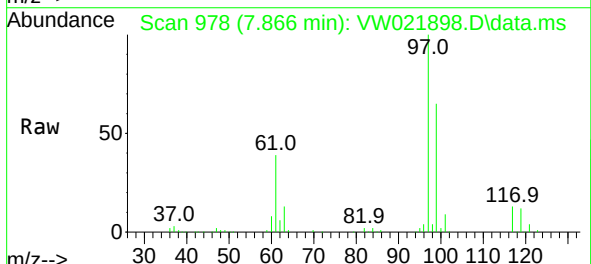
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

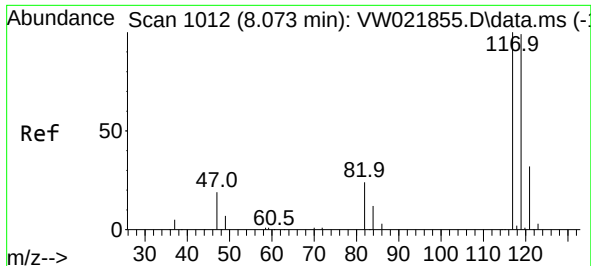
Tgt Ion: 56 Resp: 69386
Ion Ratio Lower Upper
56 100
69 34.6 23.5 35.3
84 106.1 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 23.277 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.012 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 97 Resp: 78814
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 39.1 40.9 61.3#

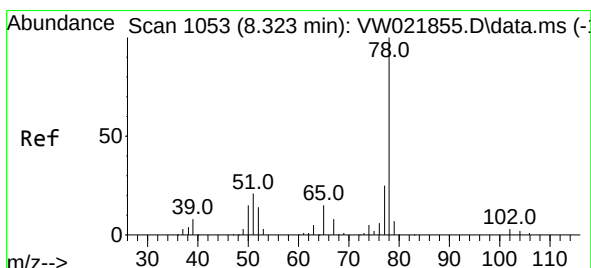
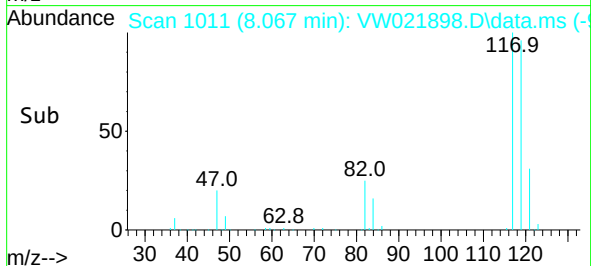
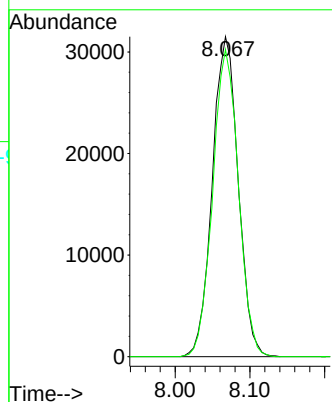
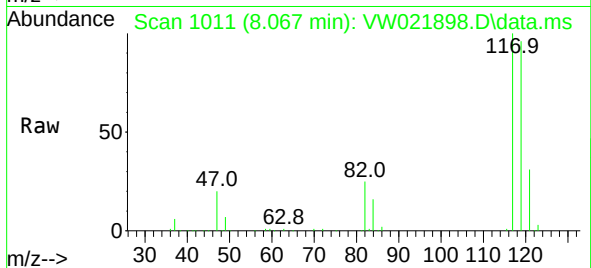




#31
Carbon tetrachloride
Concen: 23.115 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

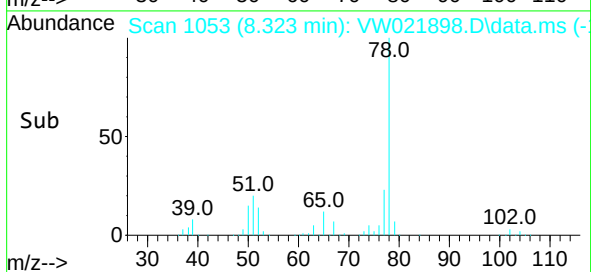
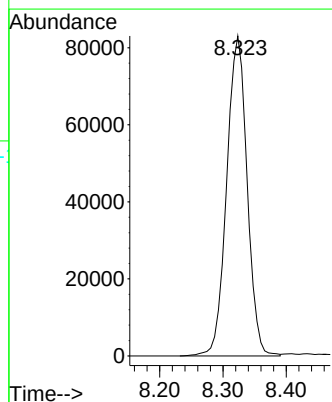
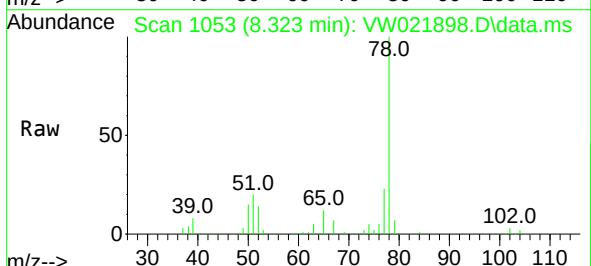
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

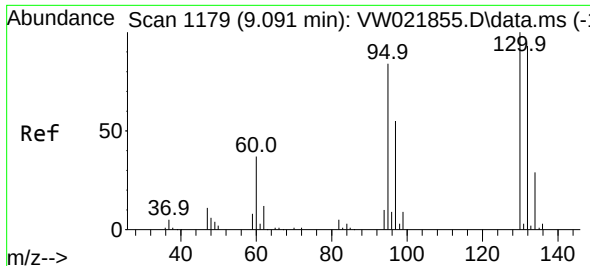
Tgt Ion:117 Resp: 75843
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 23.276 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 78 Resp: 186442

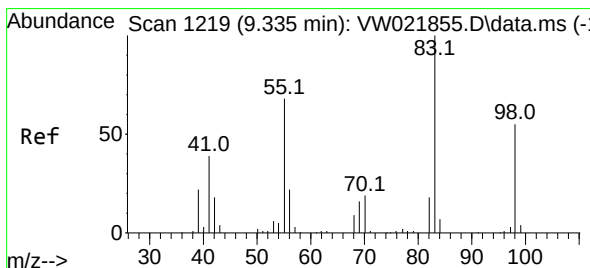
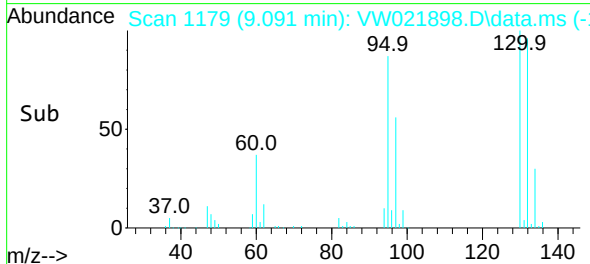
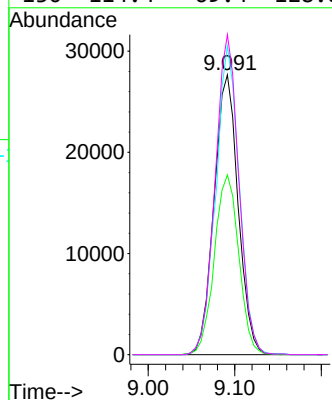
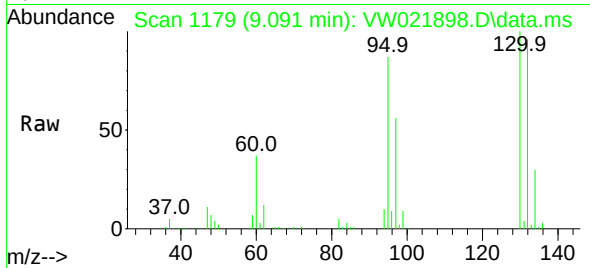




#34
Trichloroethene
Concen: 22.976 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

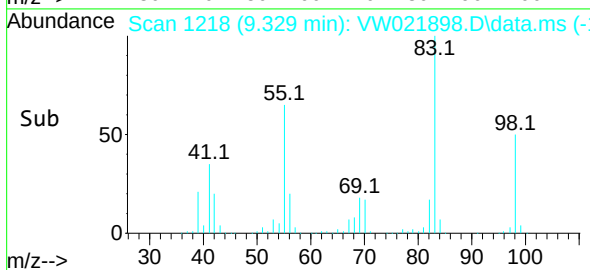
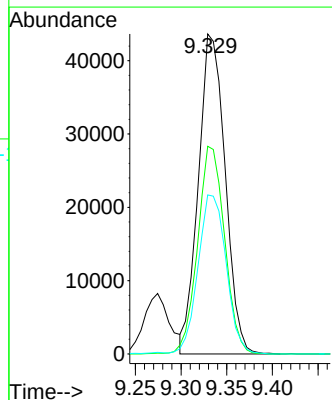
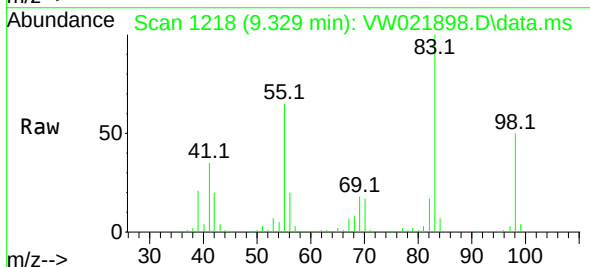
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

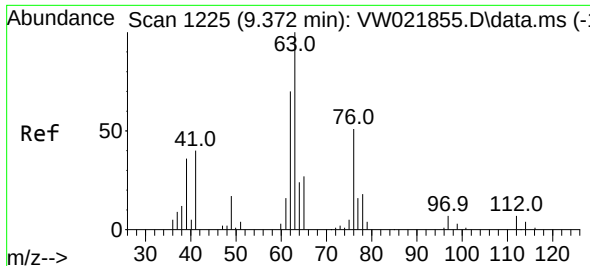
Tgt Ion: 95 Resp: 53394
Ion Ratio Lower Upper
95 100
97 64.3 47.0 87.2
132 110.2 65.5 121.6
130 114.4 69.4 128.8



#35
Methylcyclohexane
Concen: 23.270 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 83 Resp: 88929
Ion Ratio Lower Upper
83 100
55 65.2 70.8 106.2#
98 52.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.974 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

Instrument :

MSVOA_W

ClientSampleId :

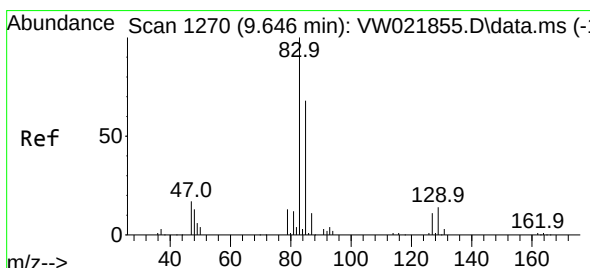
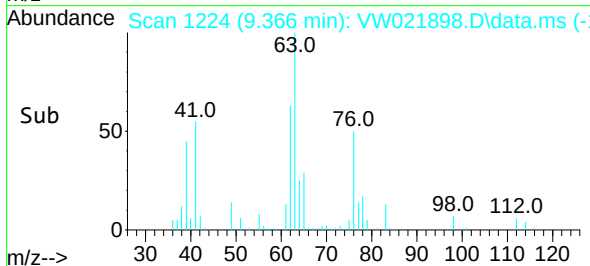
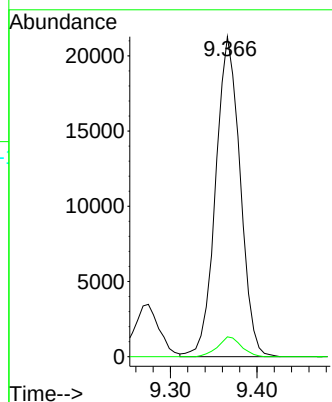
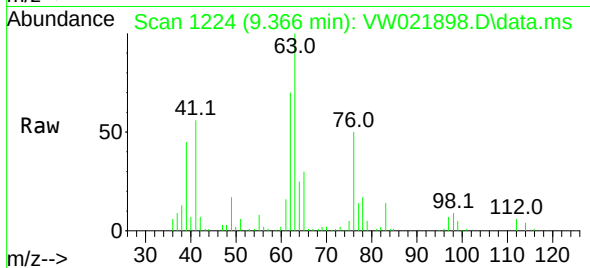
VSTD025535

Tgt Ion: 63 Resp: 41835

Ion Ratio Lower Upper

63 100

112 5.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.678 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

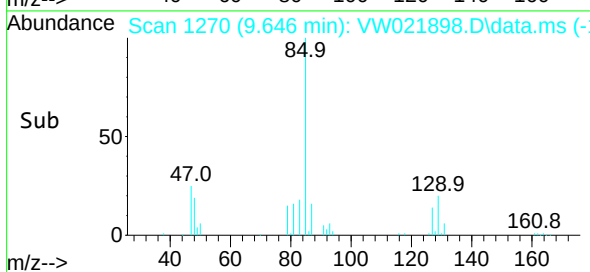
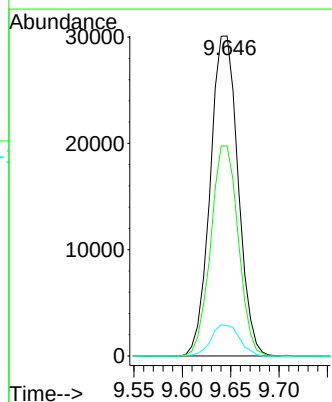
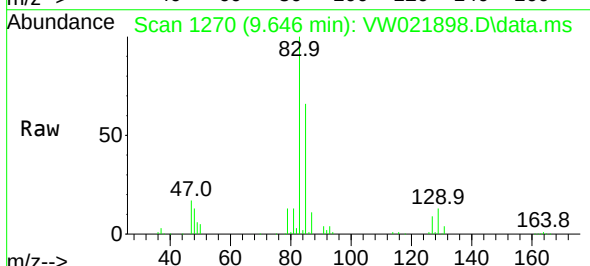
Tgt Ion: 83 Resp: 60114

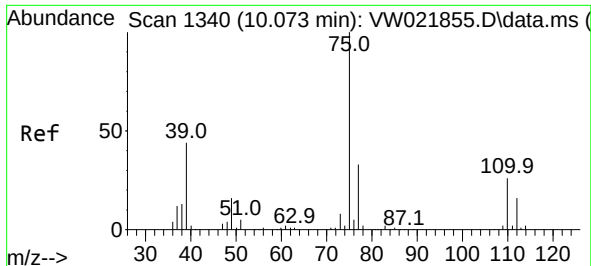
Ion Ratio Lower Upper

83 100

85 65.7 44.1 81.9

127 9.4 6.1 9.1#

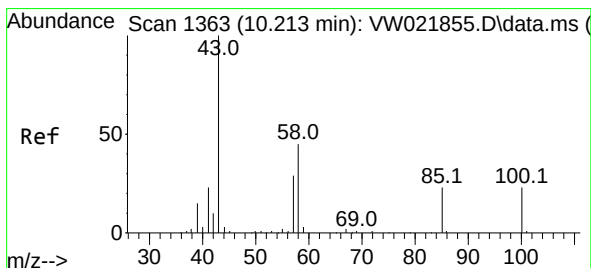
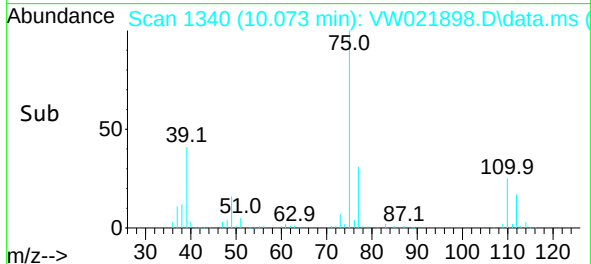
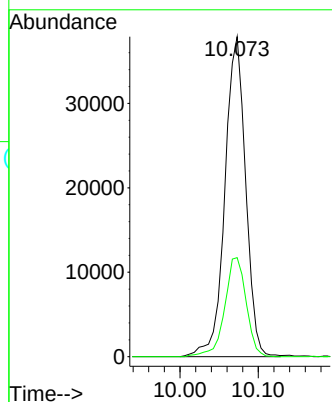
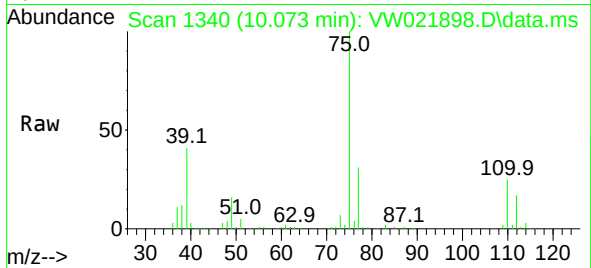




#39
 cis-1,3-Dichloropropene
 Concen: 25.752 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021898.D
 Acq: 13 Jan 2022 18:06

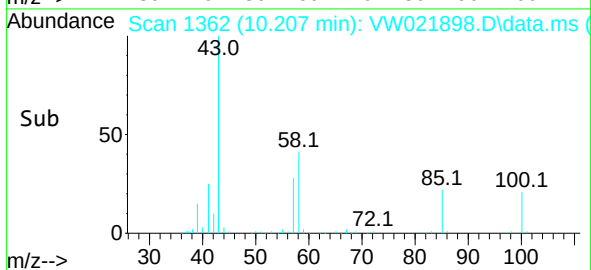
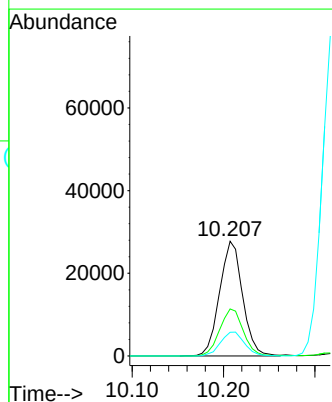
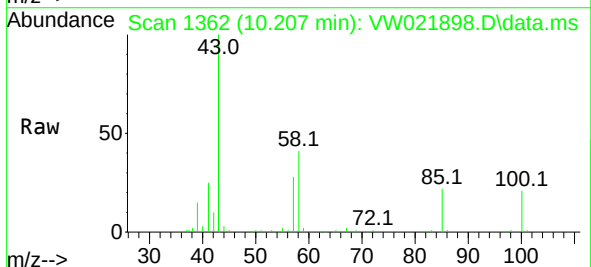
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

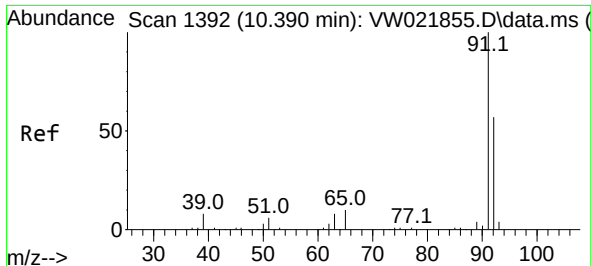
Tgt Ion: 75 Resp: 69826
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 59.210 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW021898.D
 Acq: 13 Jan 2022 18:06

Tgt Ion: 43 Resp: 48536
 Ion Ratio Lower Upper
 43 100
 58 42.2 28.8 43.2
 100 21.8 10.0 15.0#





#42

Toluene

Concen: 24.040 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

Instrument :

MSVOA_W

ClientSampleId :

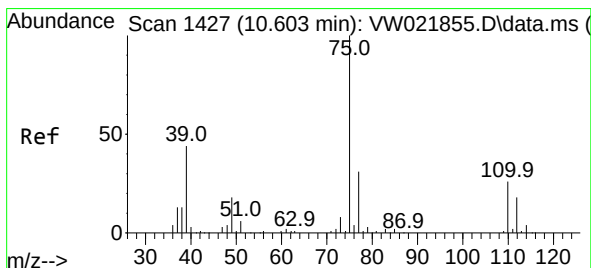
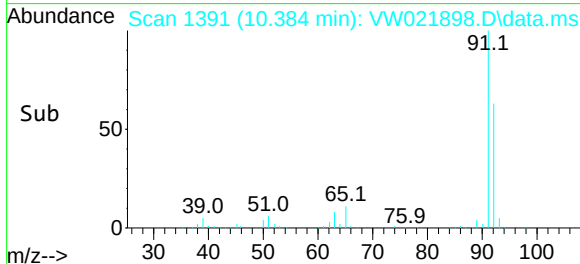
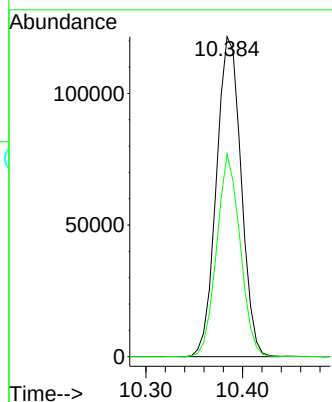
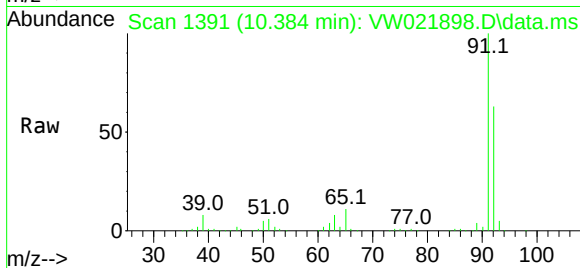
VSTD025535

Tgt Ion: 91 Resp: 215967

Ion Ratio Lower Upper

91 100

92 63.3 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 26.897 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021898.D

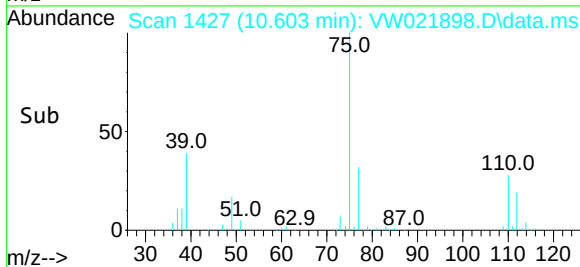
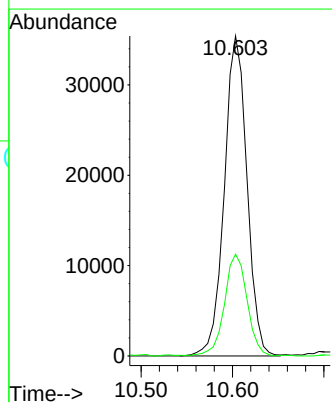
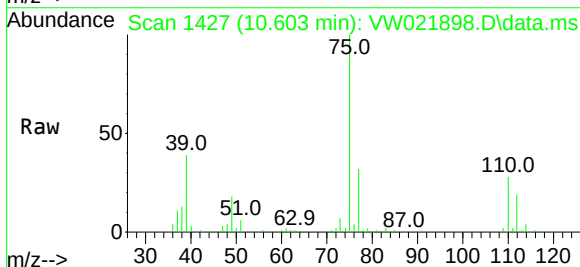
Acq: 13 Jan 2022 18:06

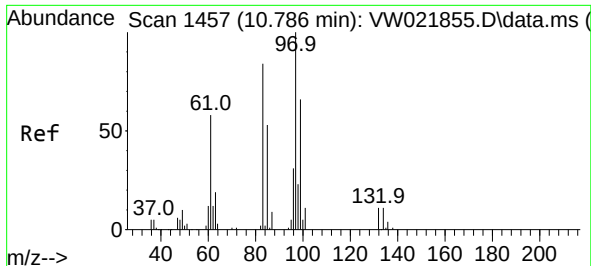
Tgt Ion: 75 Resp: 61040

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2

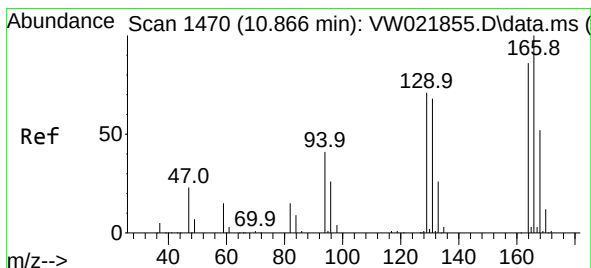
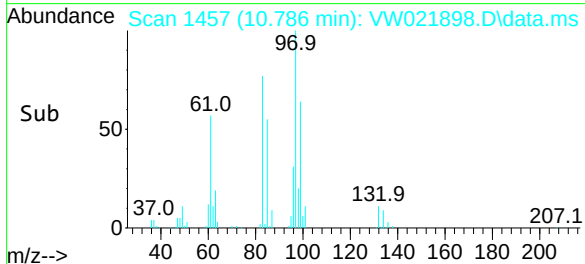
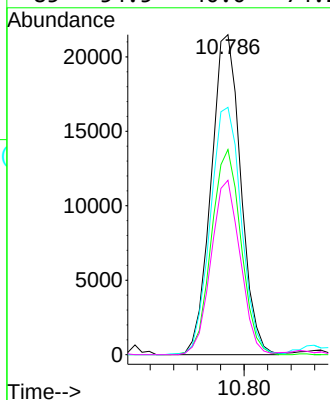
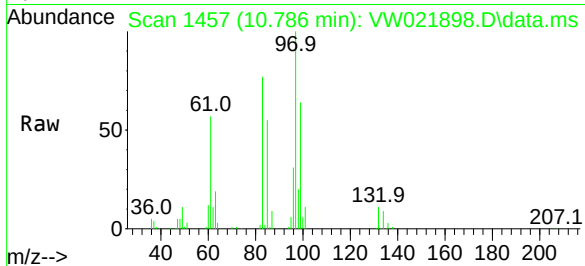




#45
1,1,2-Trichloroethane
Concen: 25.465 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

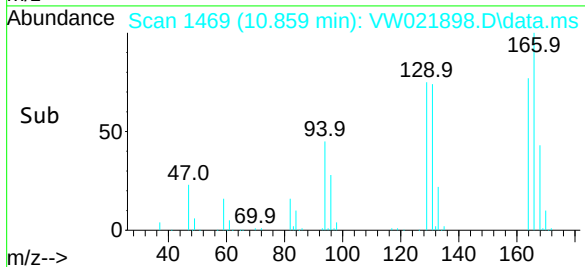
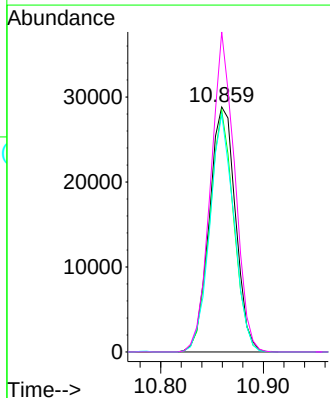
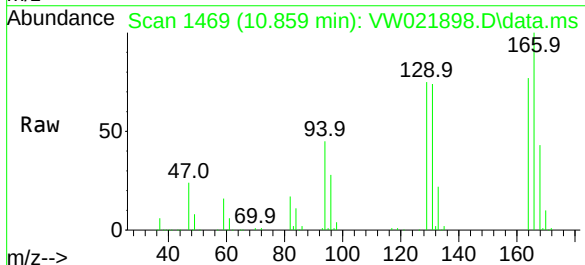
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

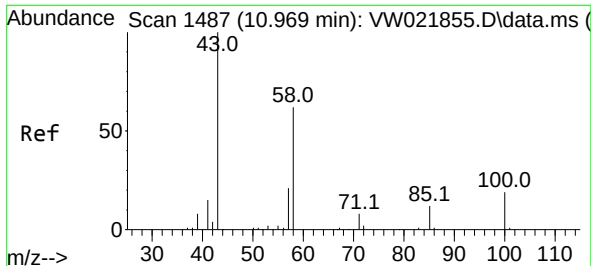
Tgt Ion:	97	Resp:	37728
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.0	79.8
83	77.3	62.6	116.3
85	54.5	40.0	74.2



#46
Tetrachloroethene
Concen: 22.275 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion:	164	Resp:	51187
Ion	Ratio	Lower	Upper
164	100		
129	98.5	65.5	121.7
131	97.0	59.7	110.9
166	130.6	88.7	164.7

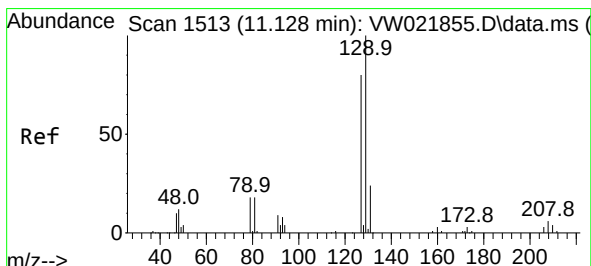
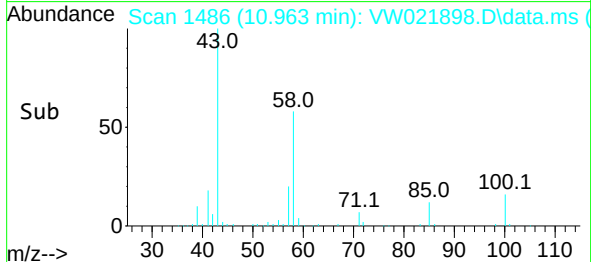
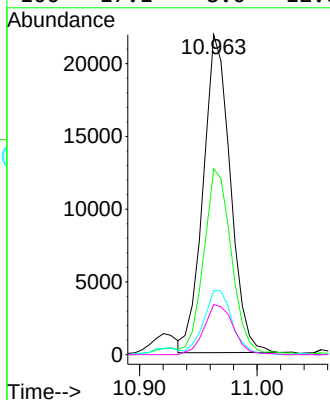
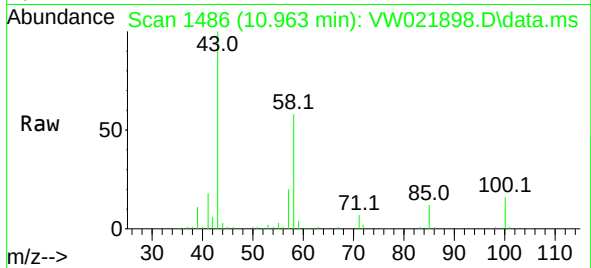




#48
2-Hexanone
Concen: 62.509 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

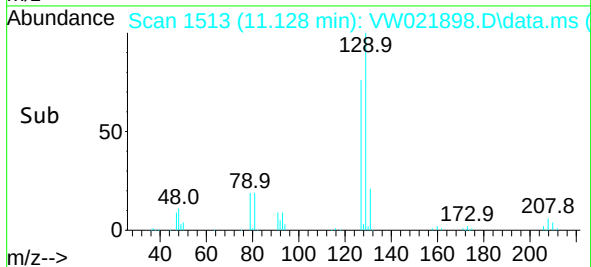
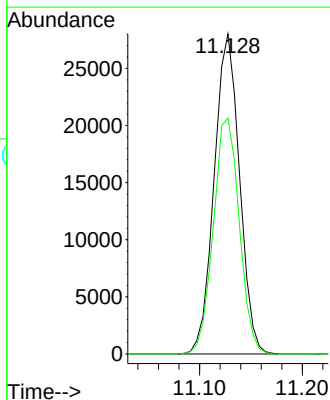
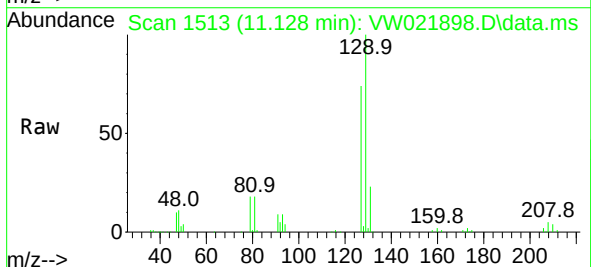
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

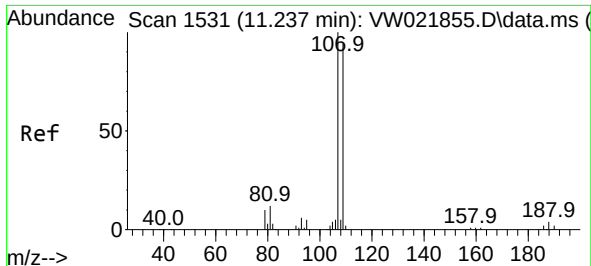
Tgt Ion: 43 Resp: 35059
Ion Ratio Lower Upper
43 100
58 58.2 40.2 60.2
57 21.1 14.3 21.5
100 17.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.696 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 129 Resp: 47969
Ion Ratio Lower Upper
129 100
127 73.8 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.854 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

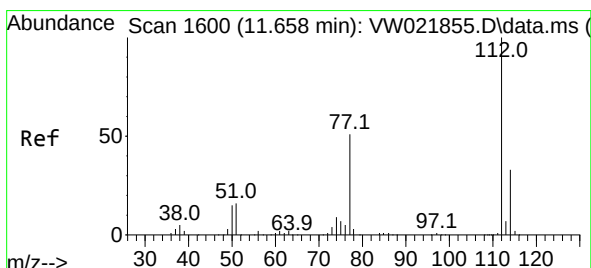
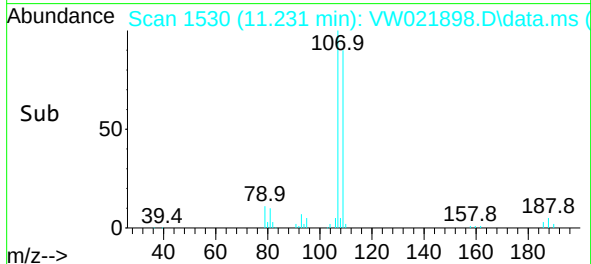
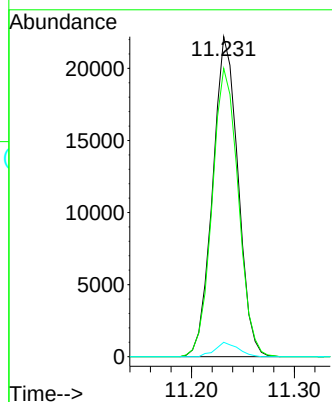
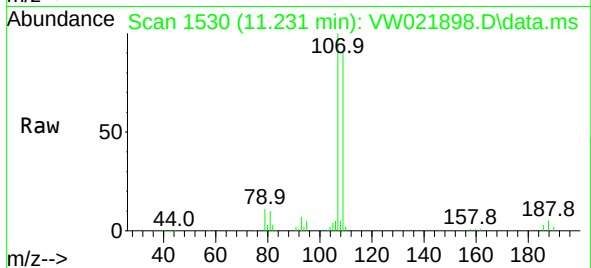
Tgt Ion:107 Resp: 38022

Ion Ratio Lower Upper

107 100

109 90.1 64.1 119.1

188 4.5 2.6 3.8#



#51

Chlorobenzene

Concen: 23.665 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

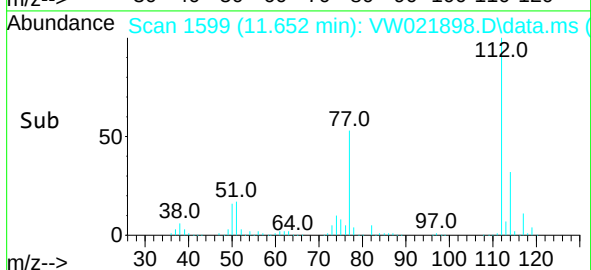
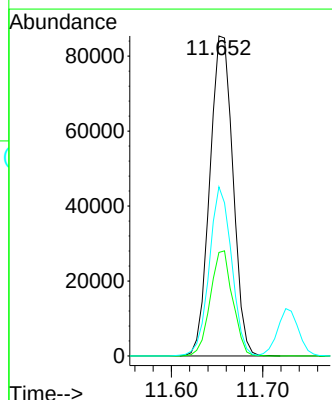
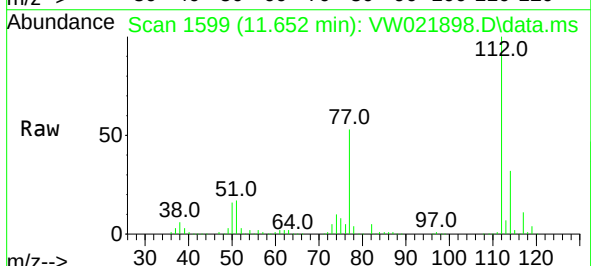
Tgt Ion:112 Resp: 150112

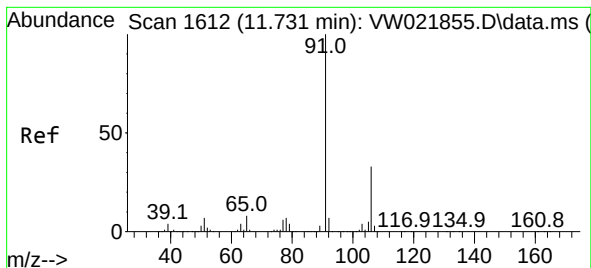
Ion Ratio Lower Upper

112 100

114 32.3 22.4 41.6

77 52.9 50.2 75.4

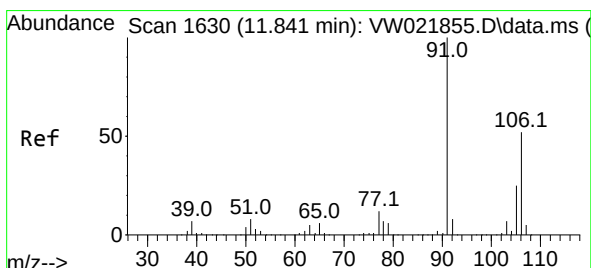
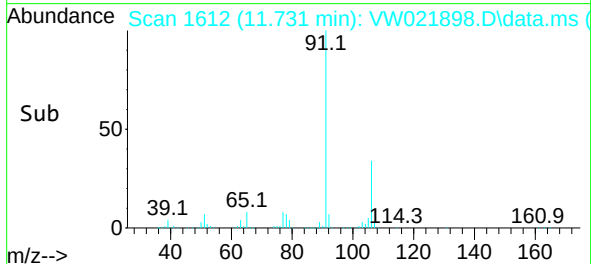
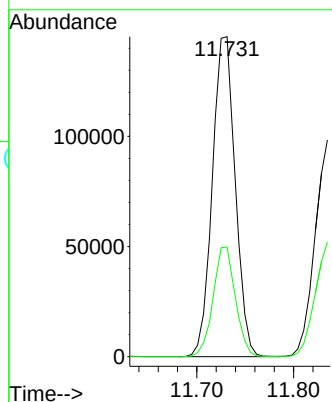
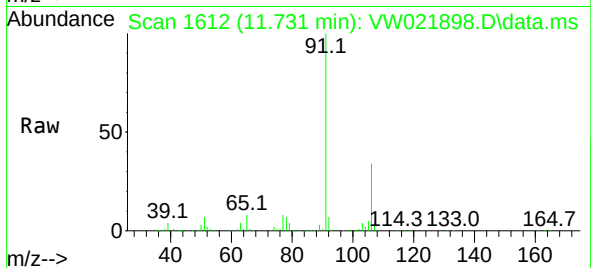




#52
Ethylbenzene
Concen: 23.944 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

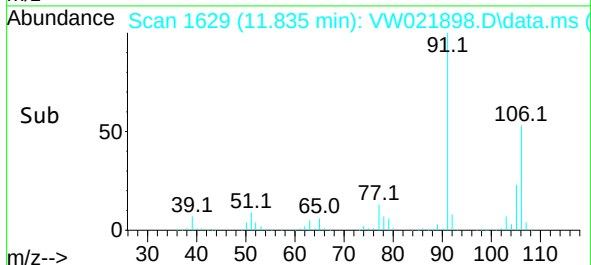
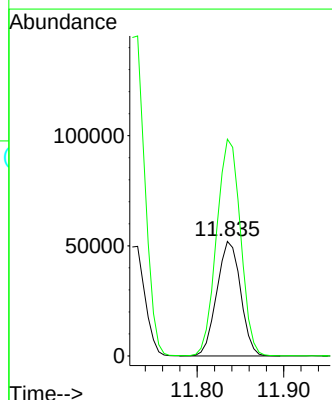
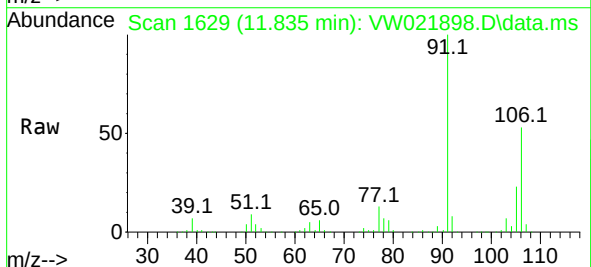
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

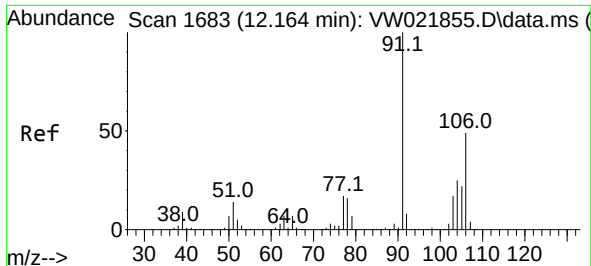
Tgt Ion: 91 Resp: 238962
Ion Ratio Lower Upper
91 100
106 34.3 21.5 39.9



#53
m,p-Xylene
Concen: 23.759 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion:106 Resp: 99148
Ion Ratio Lower Upper
106 100
91 189.2 149.9 278.3

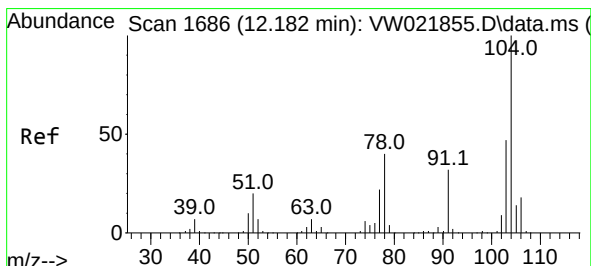
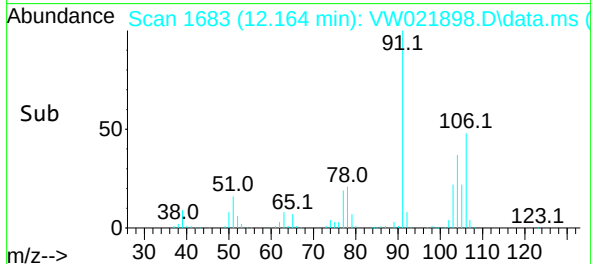
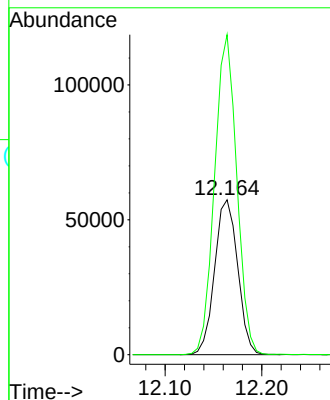
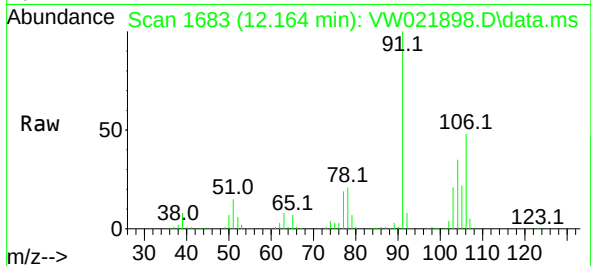




#54
o-Xylene
Concen: 24.540 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

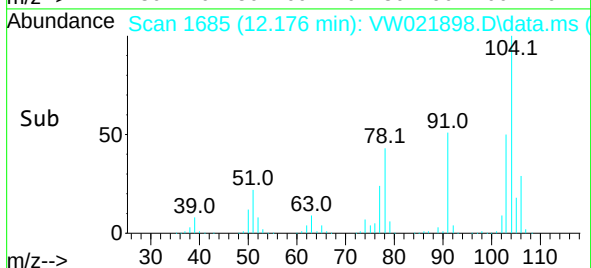
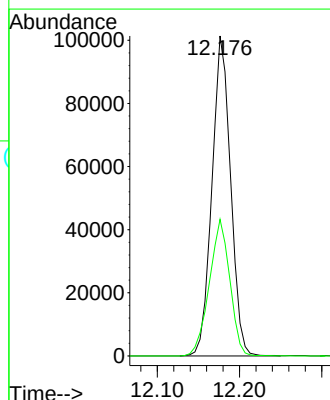
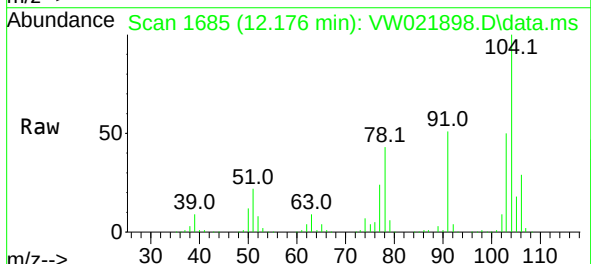
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

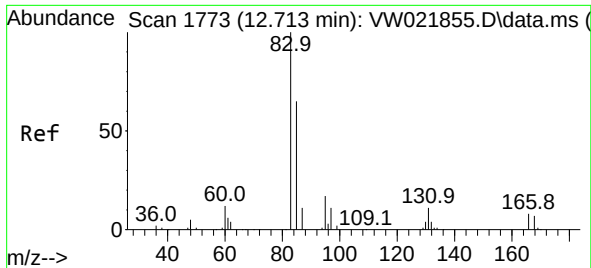
Tgt Ion:106 Resp: 95073
Ion Ratio Lower Upper
106 100
91 206.7 153.6 285.3



#55
Styrene
Concen: 24.943 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion:104 Resp: 159539
Ion Ratio Lower Upper
104 100
78 42.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.817 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

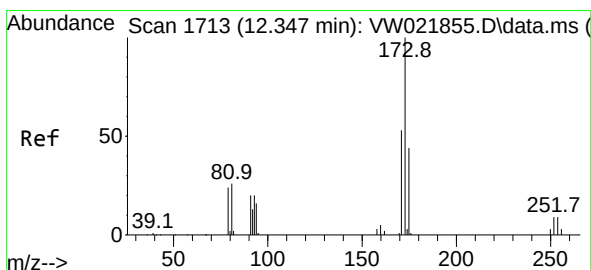
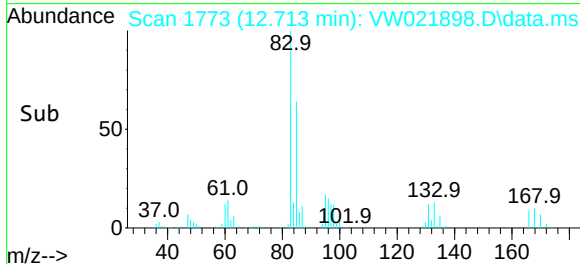
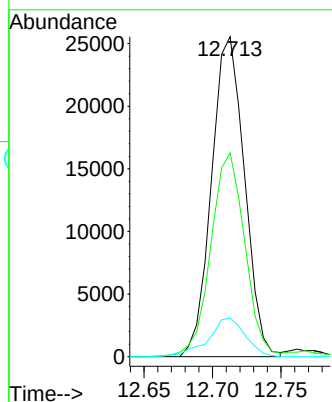
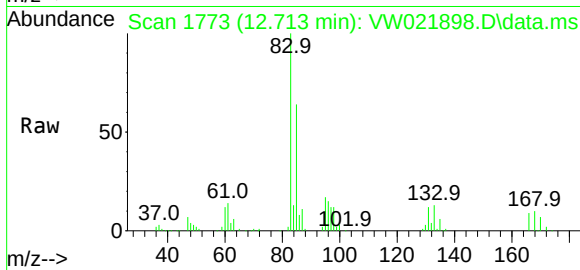
Tgt Ion: 83 Resp: 42748

Ion Ratio Lower Upper

83 100

85 63.7 44.0 81.6

131 12.1 6.9 10.3#



#59

Bromoform

Concen: 24.344 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

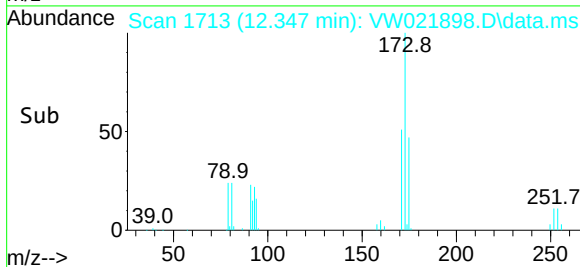
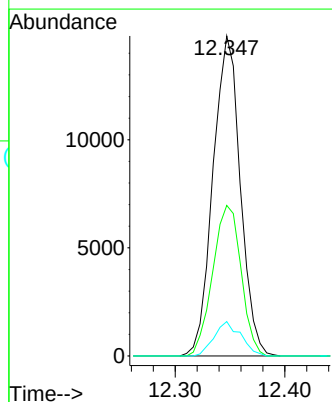
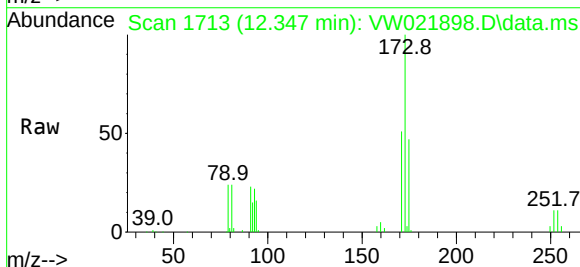
Tgt Ion:173 Resp: 25632

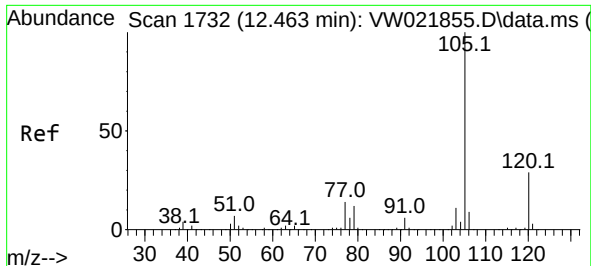
Ion Ratio Lower Upper

173 100

175 48.9 39.6 59.4

254 10.6 7.4 11.0

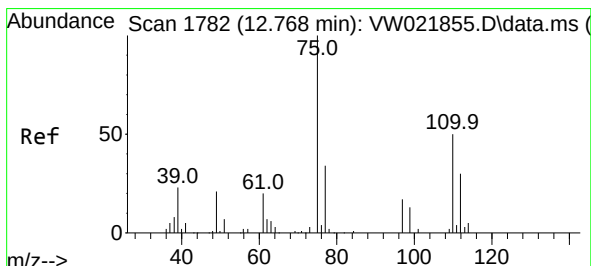
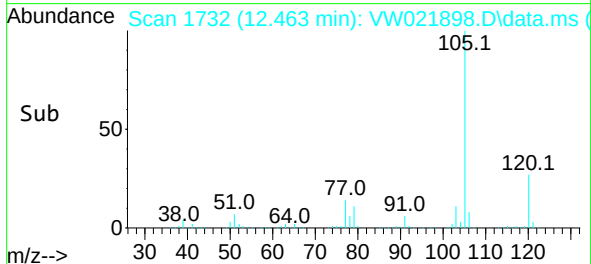
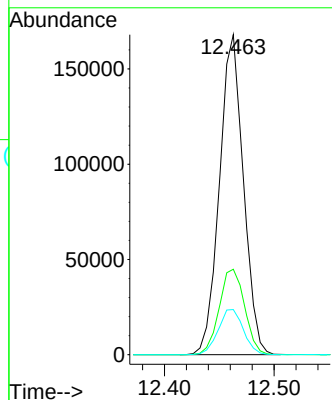
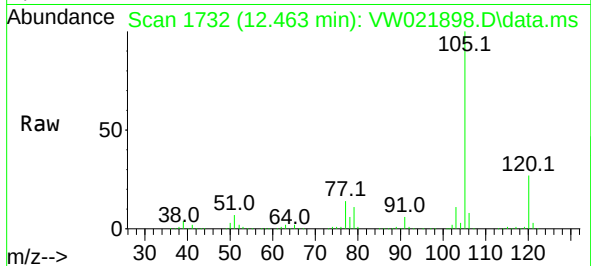




#60
Isopropylbenzene
Concen: 24.241 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

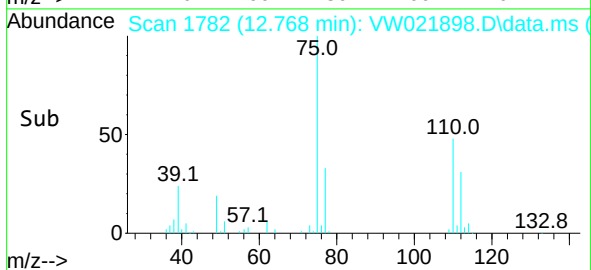
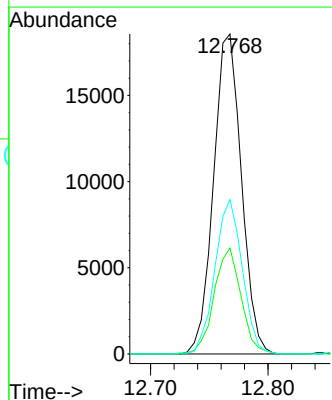
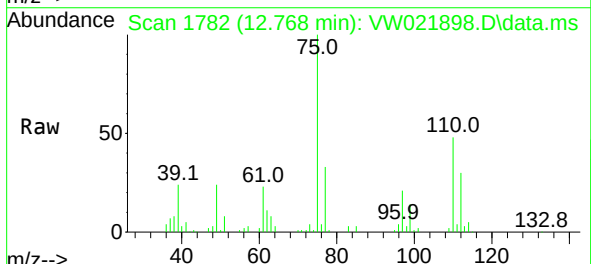
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

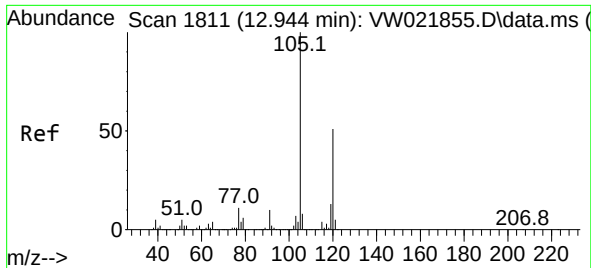
Tgt Ion:105 Resp: 254929
Ion Ratio Lower Upper
105 100
120 28.4 20.1 30.1
77 14.9 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 27.747 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion: 75 Resp: 30622
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 47.4 29.0 43.4#

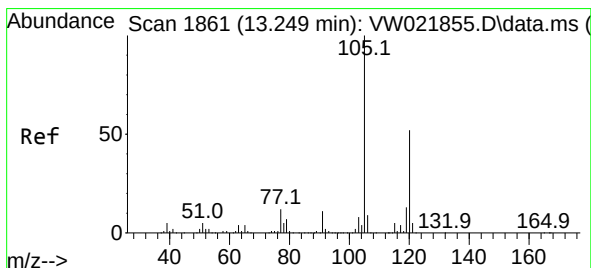
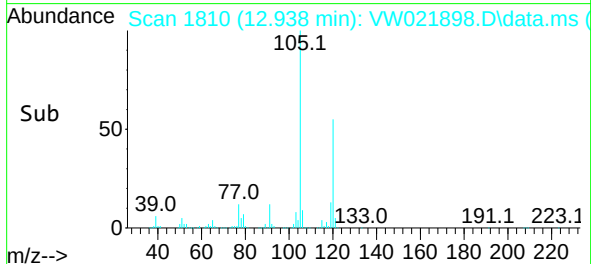
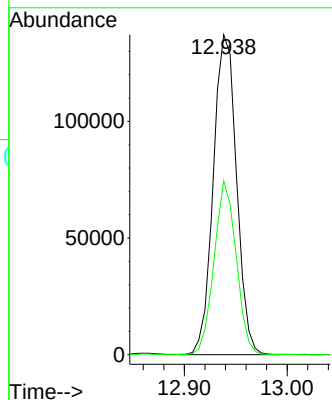
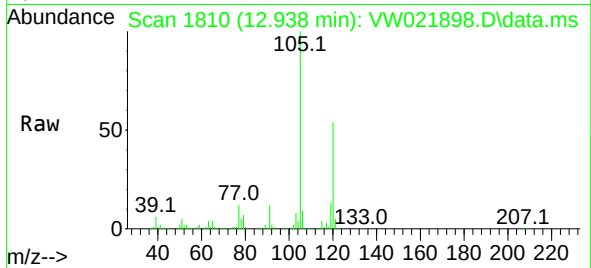




#62
1,3,5-Trimethylbenzene
Concen: 24.714 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

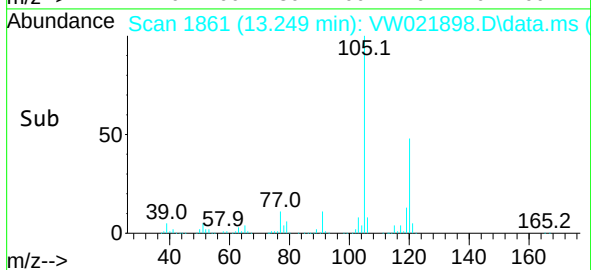
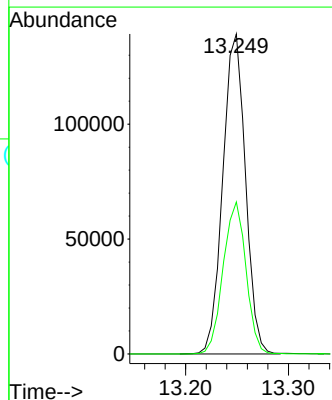
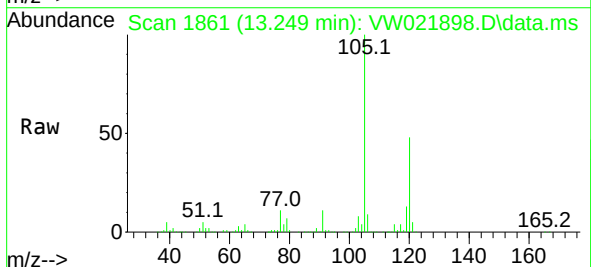
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

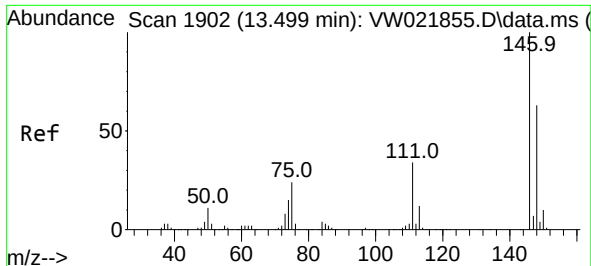
Tgt Ion:105 Resp: 215220
Ion Ratio Lower Upper
105 100
120 51.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 24.832 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion:105 Resp: 213273
Ion Ratio Lower Upper
105 100
120 47.8 35.0 52.6

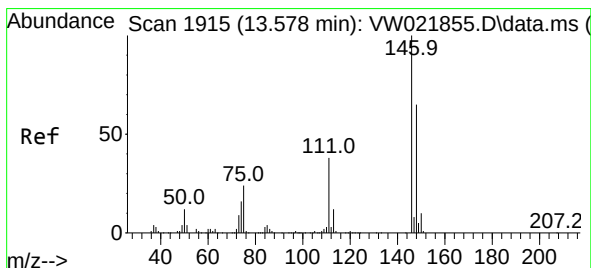
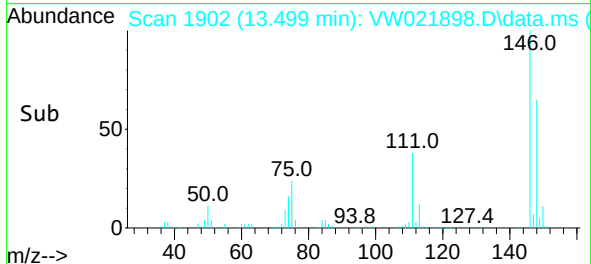
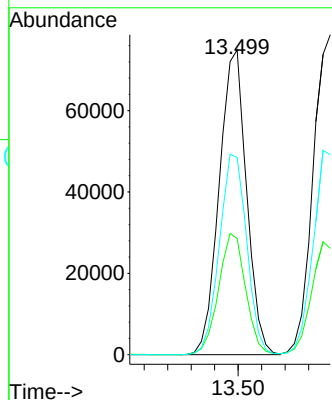
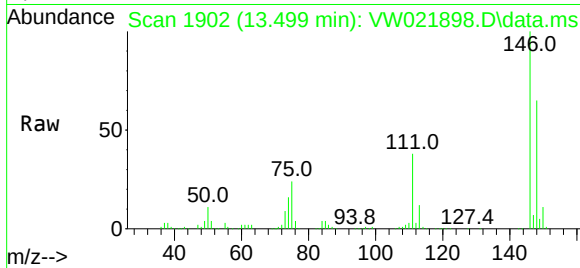




#64
1,3-Dichlorobenzene
Concen: 22.932 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

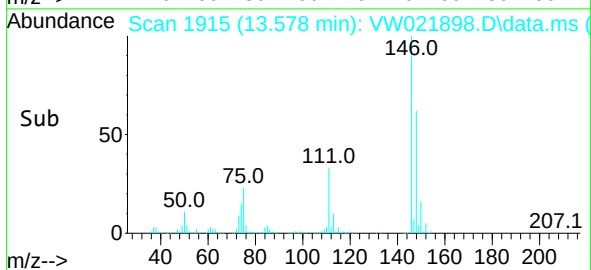
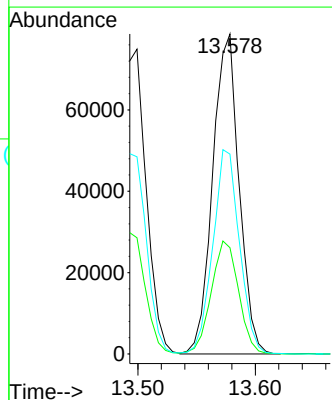
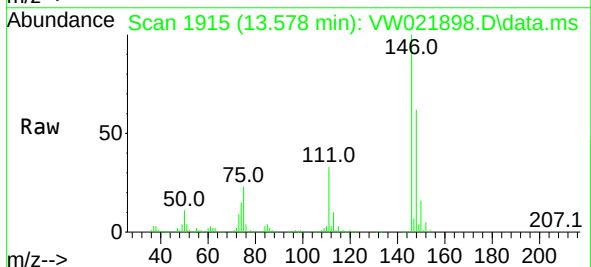
Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

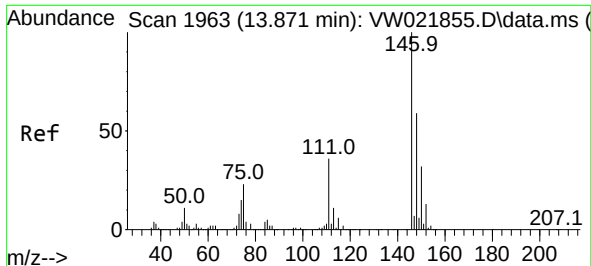
Tgt Ion:146 Resp: 121247
Ion Ratio Lower Upper
146 100
111 38.1 29.8 55.3
148 64.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.521 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion:146 Resp: 122794
Ion Ratio Lower Upper
146 100
111 33.2 29.0 53.9
148 62.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.219 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

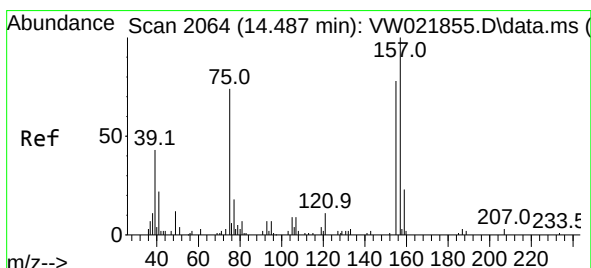
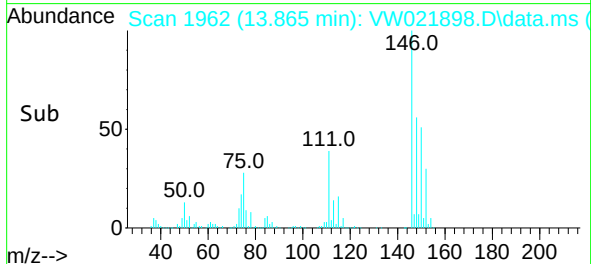
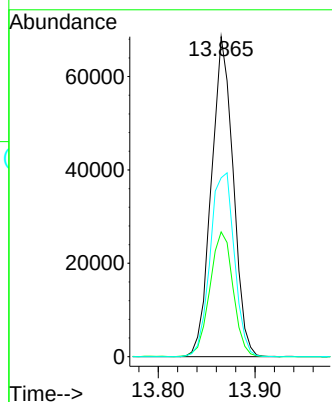
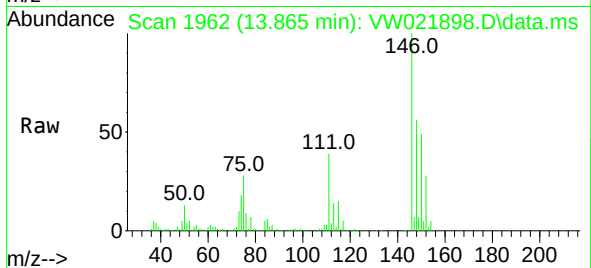
Tgt Ion:146 Resp: 107486

Ion Ratio Lower Upper

146 100

111 39.0 33.1 49.7

148 55.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.730 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

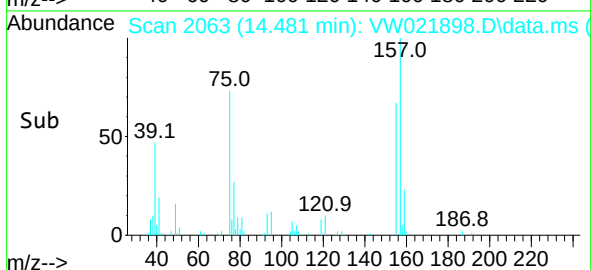
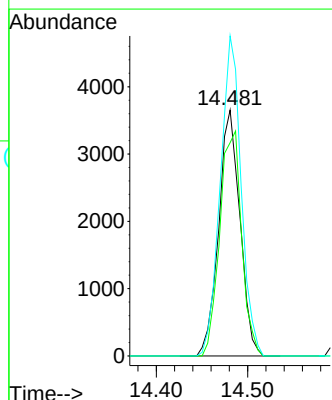
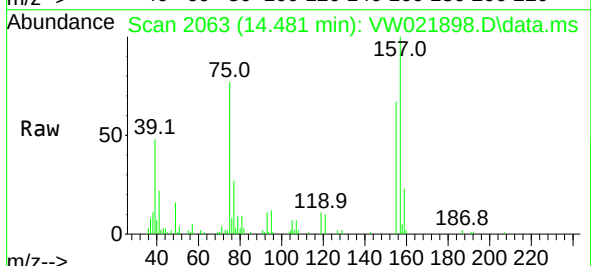
Tgt Ion: 75 Resp: 5910

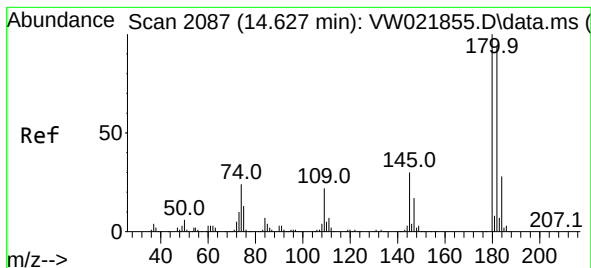
Ion Ratio Lower Upper

75 100

155 86.7 54.2 81.2#

157 130.1 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 22.324 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025535

Tgt Ion:180 Resp: 87728

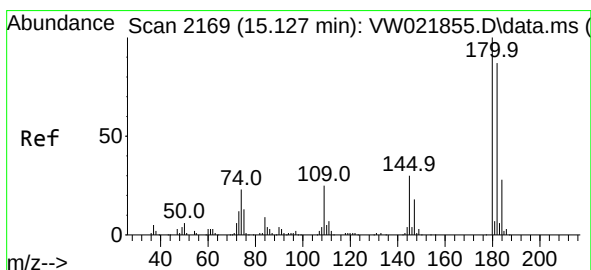
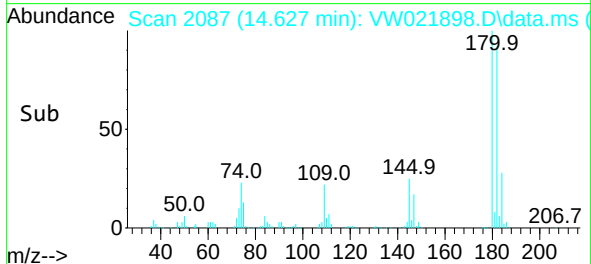
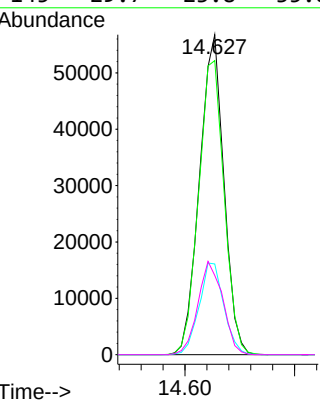
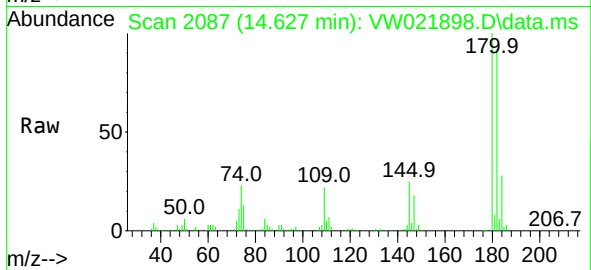
Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.0

184 29.1 23.8 35.8

145 29.7 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 22.055 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021898.D

Acq: 13 Jan 2022 18:06

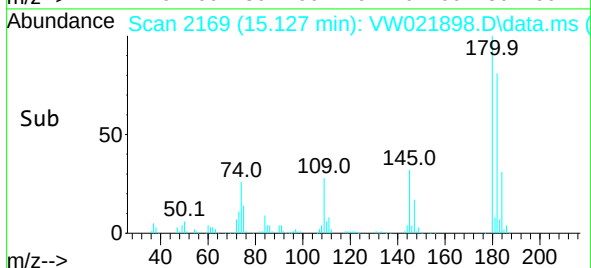
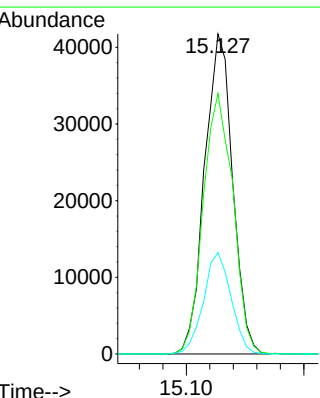
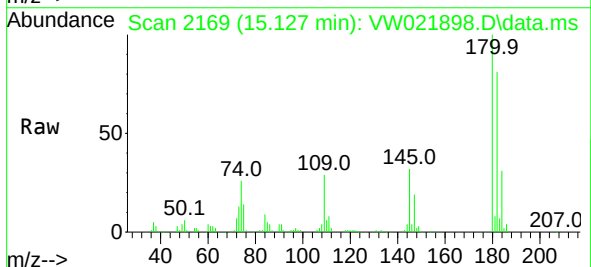
Tgt Ion:180 Resp: 69060

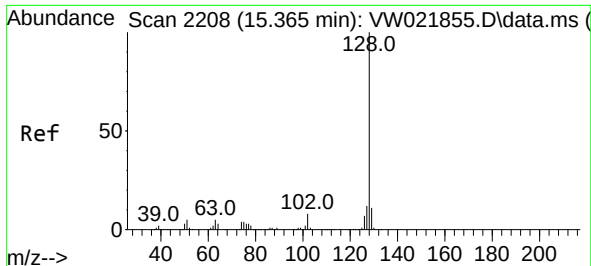
Ion Ratio Lower Upper

180 100

182 86.7 79.0 118.6

145 31.3 26.0 39.0

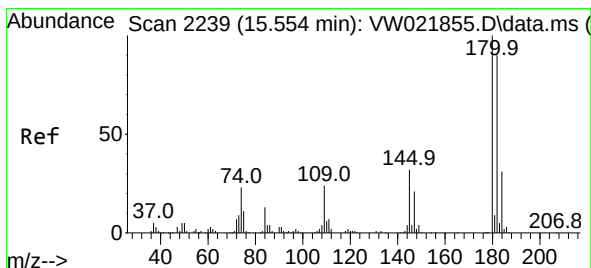
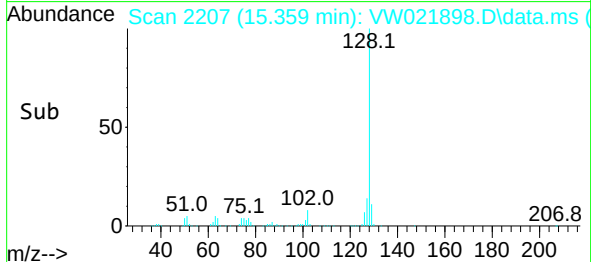
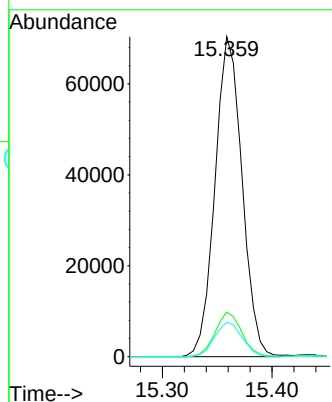
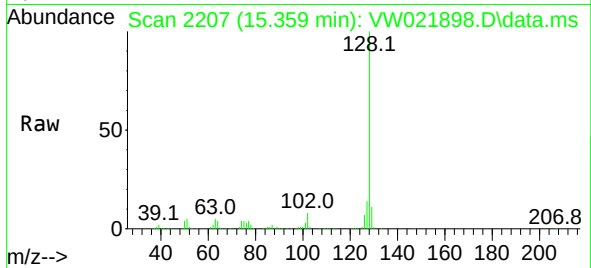




#71
Naphthalene
Concen: 24.971 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Tgt Ion:128 Resp: 120618
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.116 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021898.D
Acq: 13 Jan 2022 18:06

Tgt Ion:180 Resp: 54601
Ion Ratio Lower Upper
180 100
182 98.9 76.6 114.8
145 34.8 27.4 41.0

