

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
 Data File : VW021939.D
 Acq On : 15 Jan 2022 05:43
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Jan 17 03:27:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 03:23:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	142931	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	138604	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80984	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49111	18.486	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.960%		
7) Chloroethane-d5	2.885	69	36518	15.222	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.880%		
11) 1,1-Dichloroethene-d2	4.025	63	87671	20.903	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.600%		
21) 2-Butanone-d5	7.086	46	20676	55.141	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.280%		
24) Chloroform-d	7.653	84	98383	21.306	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.240%		
26) 1,2-Dichloroethane-d4	8.305	65	48281	21.652	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.600%		
32) Benzene-d6	8.275	84	196451	21.843	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.360%		
36) 1,2-Dichloropropane-d6	9.274	67	52008	21.940	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.760%		
41) Toluene-d8	10.323	98	193667	21.361	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.440%		
43) trans-1,3-Dichloroprop...	10.579	79	22392	22.248	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.000%		
47) 2-Hexanone-d5	10.927	63	19063	59.265	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	118.540%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	45142	24.353	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.400%		
66) 1,2-Dichlorobenzene-d4	13.853	152	78856	23.681	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.720%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	11331	20.109	ug/L	89
3) Chloromethane	2.215	50	37161	18.190	ug/L	99
5) Vinyl chloride	2.361	62	52257	17.806	ug/L	96
6) Bromomethane	2.782	94	36152	17.421	ug/L	99
8) Chloroethane	2.928	64	26812	15.117	ug/L	99
9) Trichlorofluoromethane	3.263	101	43851	20.106	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	50878	21.432	ug/L #	84
12) 1,1-Dichloroethene	4.044	96	45949	21.538	ug/L	73
13) Acetone	4.141	43	10774	34.778	ug/L	77
14) Carbon disulfide	4.385	76	107539	19.253	ug/L	99
15) Methyl Acetate	4.678	43	14688	23.459	ug/L	95
16) Methylene chloride	4.921	84	43431	17.755	ug/L #	75
17) trans-1,2-Dichloroethene	5.428	96	46884	20.337	ug/L	75
18) Methyl tert-butyl Ether	5.428	73	67605	22.996	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	71417	21.124	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	51025	21.516	ug/L	68
22) 2-Butanone	7.177	43	18399	46.464	ug/L	79
23) Bromochloromethane	7.519	128	25568	21.667	ug/L #	58
25) Chloroform	7.677	83	82036	20.508	ug/L	96

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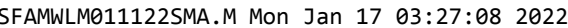
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 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 03:23:20 2022
 Response via : Initial Calibration

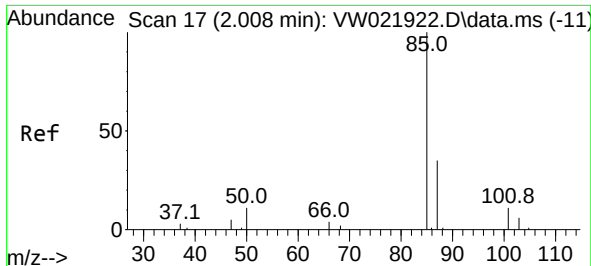
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	8.403	62	49140	21.214	ug/L	97
29) Cyclohexane	7.958	56	67954	21.915	ug/L #	76
30) 1,1,1-Trichloroethane	7.878	97	75832	21.107	ug/L #	91
31) Carbon tetrachloride	8.073	117	74301	21.342	ug/L	100
33) Benzene	8.323	78	175714	20.675	ug/L	100
34) Trichloroethene	9.091	95	50767	20.589	ug/L	87
35) Methylcyclohexane	9.335	83	87674	21.622	ug/L #	82
37) 1,2-Dichloropropane	9.372	63	38466	20.775	ug/L #	93
38) Bromodichloromethane	9.646	83	54263	20.994	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	62932	21.874	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	42824	49.236	ug/L #	83
42) Toluene	10.390	91	205873	21.598	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	53849	22.363	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	35144	22.356	ug/L	94
46) Tetrachloroethene	10.866	164	49824	20.434	ug/L	98
48) 2-Hexanone	10.969	43	27746	46.624	ug/L #	85
49) Dibromochloromethane	11.128	129	44018	22.223	ug/L	92
50) 1,2-Dibromoethane	11.237	107	35331	22.642	ug/L #	86
51) Chlorobenzene	11.658	112	141307	20.996	ug/L	90
52) Ethylbenzene	11.731	91	229522	21.675	ug/L	96
53) m,p-Xylene	11.835	106	98772	22.307	ug/L	83
54) o-Xylene	12.164	106	94289	22.937	ug/L	83
55) Styrene	12.182	104	150451	22.169	ug/L	87
59) Bromoform	12.347	173	25593	23.179	ug/L #	95
60) Isopropylbenzene	12.463	105	252048	22.855	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	27489	23.752	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.944	105	214932	23.536	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	214056	23.767	ug/L	91
64) 1,3-Dichlorobenzene	13.499	146	127890	23.066	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	119905	21.902	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	109353	22.526	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	5639	25.231	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	92182	22.369	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	77286	23.537	ug/L	95
71) Naphthalene	15.365	128	162787	32.138	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	63531	23.429	ug/L	98

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

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Response via : Initial Calibration

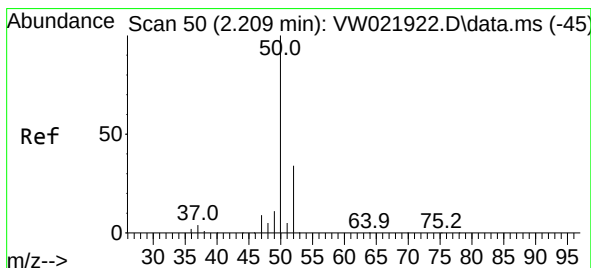
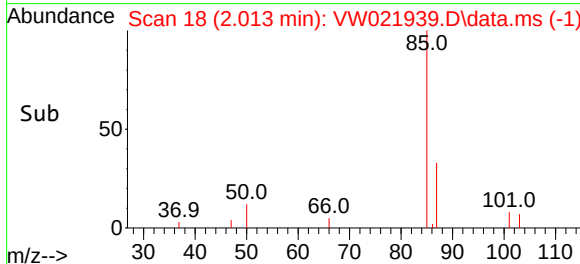
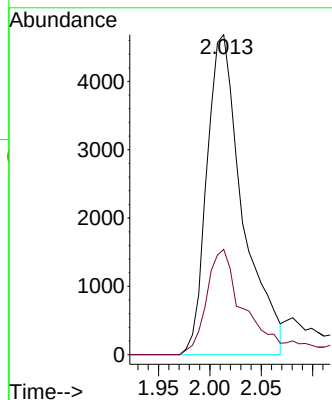
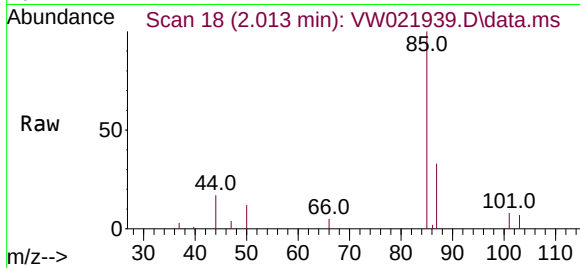




#2
Dichlorodifluoromethane
Concen: 20.109 ug/L
RT: 2.013 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

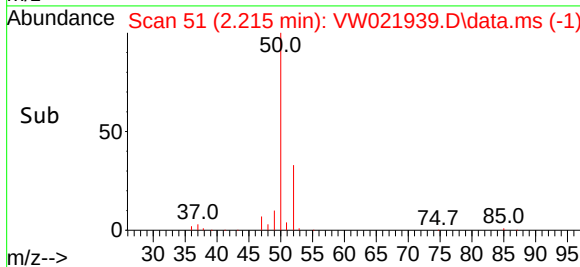
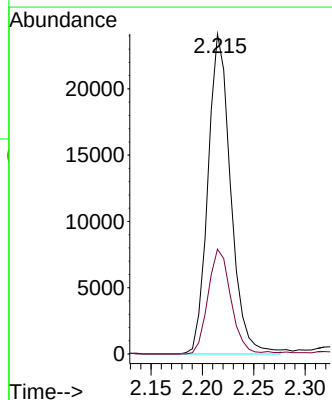
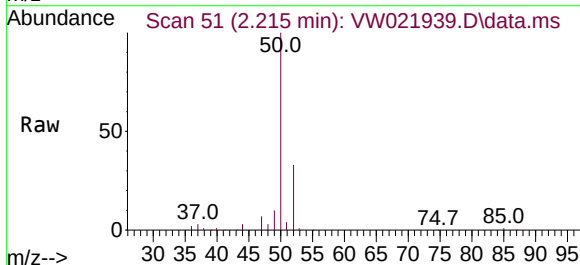
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

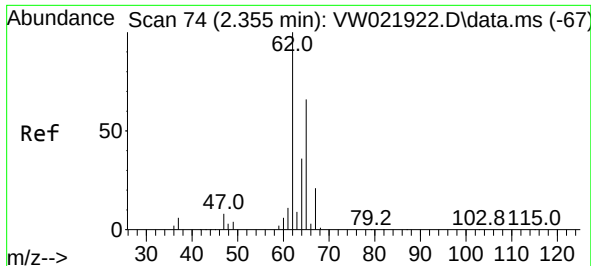
Tgt Ion: 85 Resp: 11331
Ion Ratio Lower Upper
85 100
87 26.2 25.8 38.6



#3
Chloromethane
Concen: 18.190 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion: 50 Resp: 37161
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.6

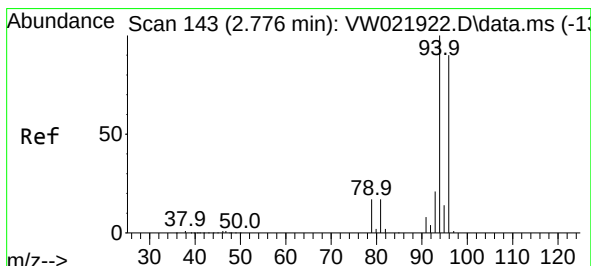
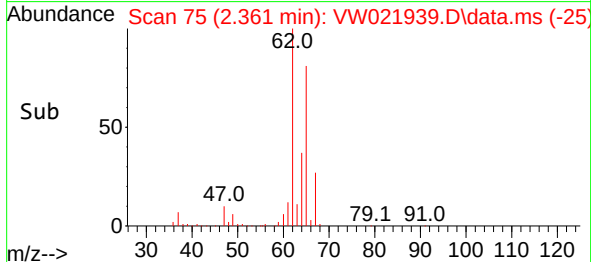
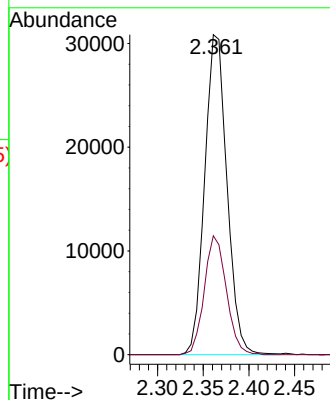
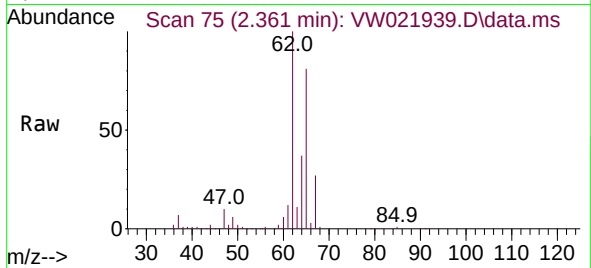




#5
 Vinyl chloride
 Concen: 17.806 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021939.D
 Acq: 15 Jan 2022 05:43

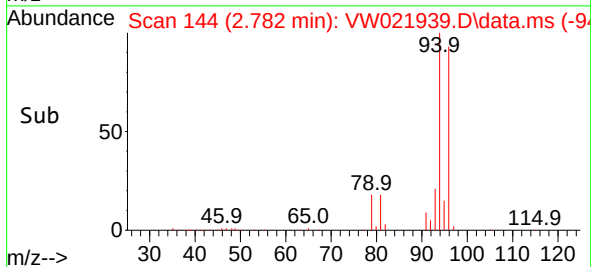
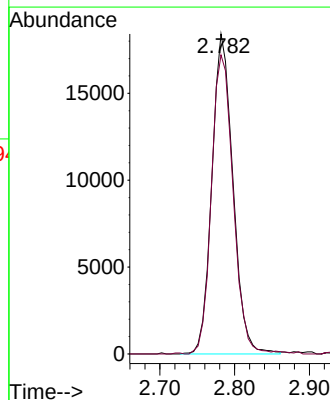
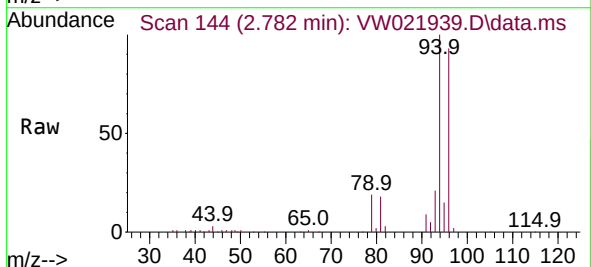
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 ClientSampleId :
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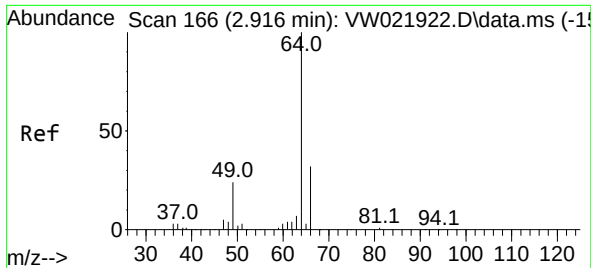
Tgt Ion: 62 Resp: 52257
 Ion Ratio Lower Upper
 62 100
 64 37.2 24.4 45.2



#6
 Bromomethane
 Concen: 17.421 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021939.D
 Acq: 15 Jan 2022 05:43

Tgt Ion: 94 Resp: 36152
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.8 120.4

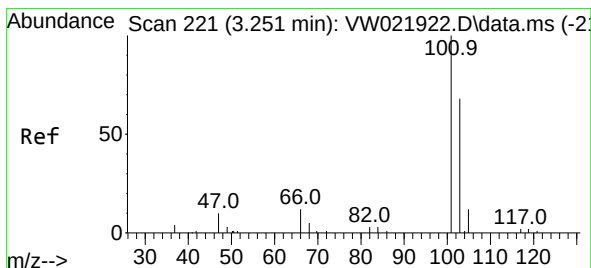
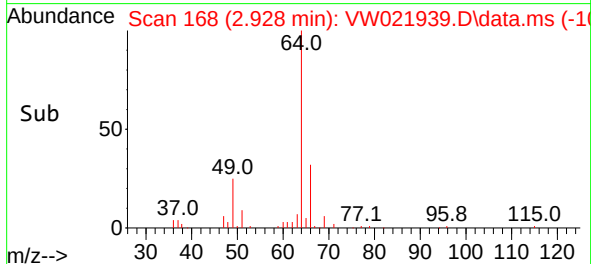
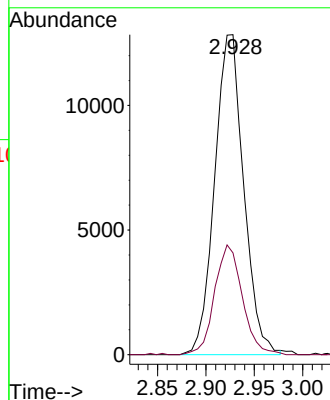
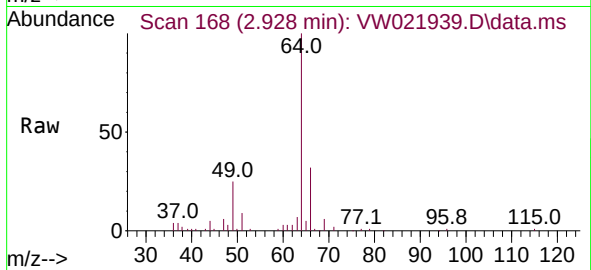




#8
Chloroethane
Concen: 15.117 ug/L
RT: 2.928 min Scan# 1
Delta R.T. 0.012 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

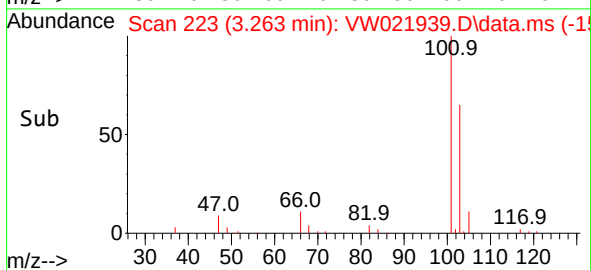
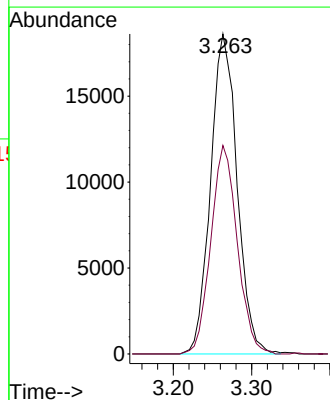
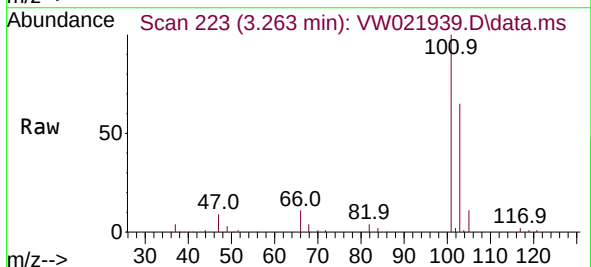
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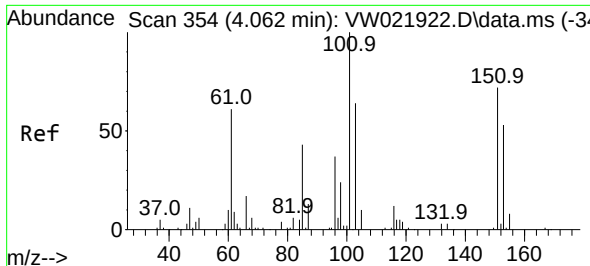
Tgt Ion: 64 Resp: 26812
Ion Ratio Lower Upper
64 100
66 31.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 20.106 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.012 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion: 101 Resp: 43851
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

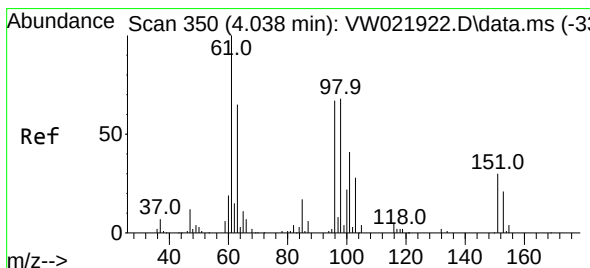
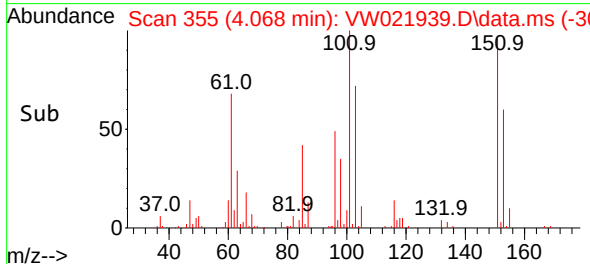
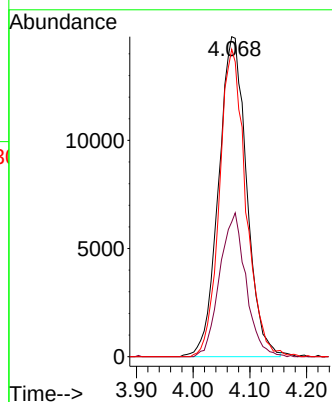
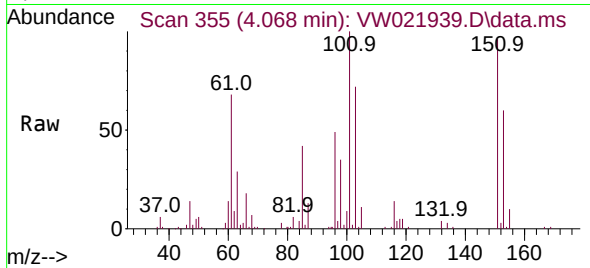




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.432 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW021939.D
 Acq: 15 Jan 2022 05:43

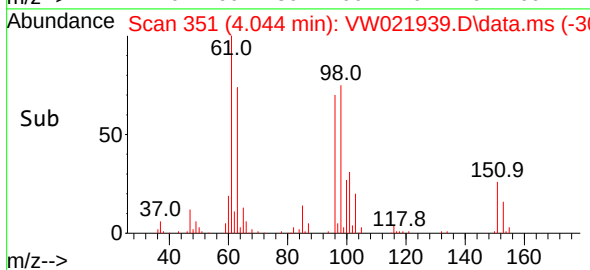
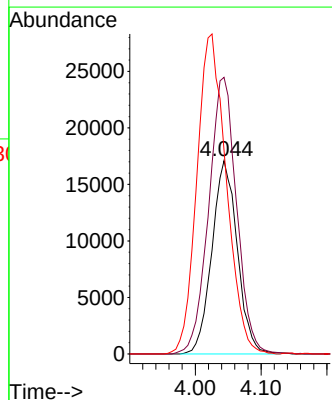
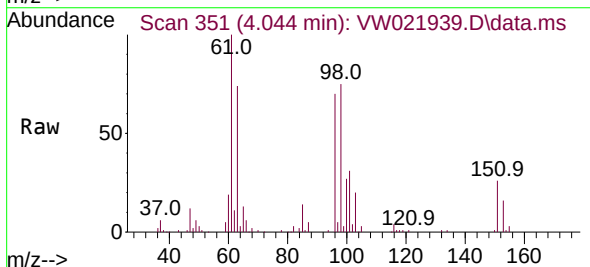
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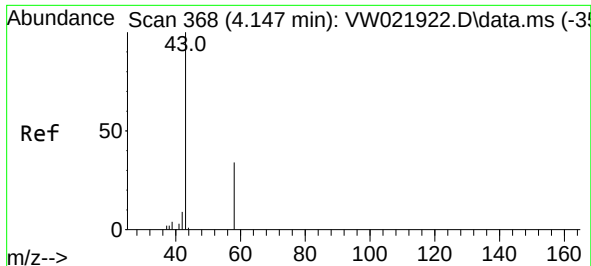
Tgt Ion:101 Resp: 50878
 Ion Ratio Lower Upper
 101 100
 85 41.9 36.6 54.8
 151 89.9 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 21.538 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021939.D
 Acq: 15 Jan 2022 05:43

Tgt Ion: 96 Resp: 45949
 Ion Ratio Lower Upper
 96 100
 61 143.2 138.3 256.9
 63 105.3 82.6 153.4





#13

Acetone

Concen: 34.778 ug/L

RT: 4.141 min Scan# 367

Delta R.T. -0.006 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Instrument :

MSVOA_W

ClientSampleId :

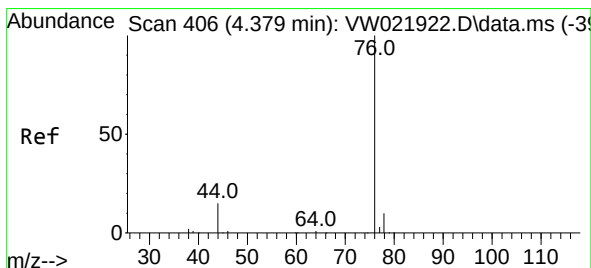
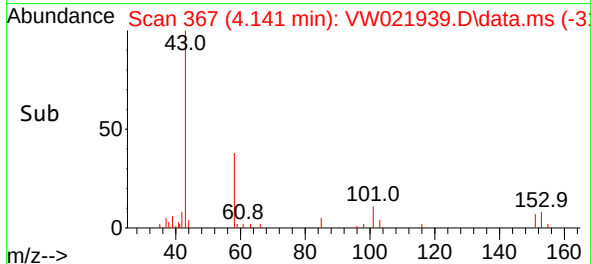
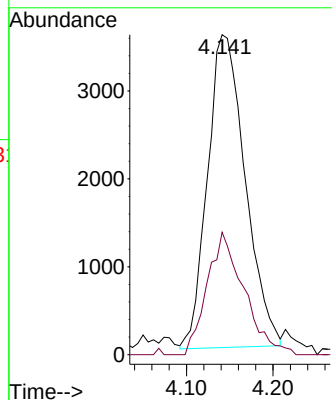
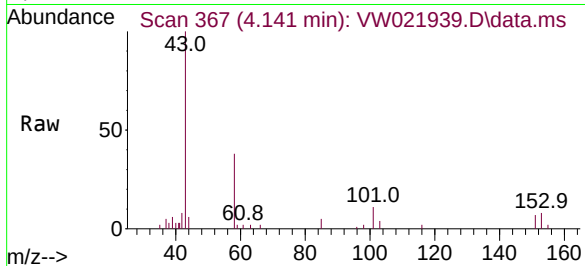
VSTD025539

Tgt Ion: 43 Resp: 10774

Ion Ratio Lower Upper

43 100

58 38.2 0.0 52.8



#14

Carbon disulfide

Concen: 19.253 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW021939.D

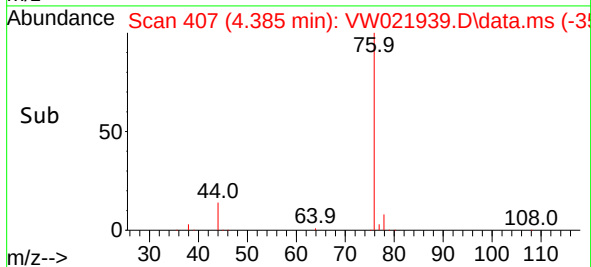
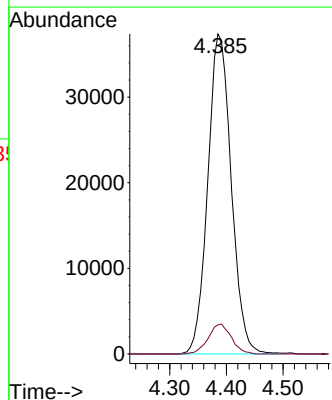
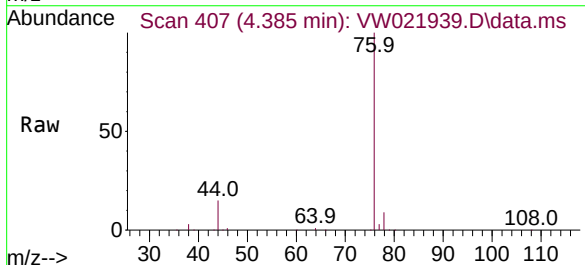
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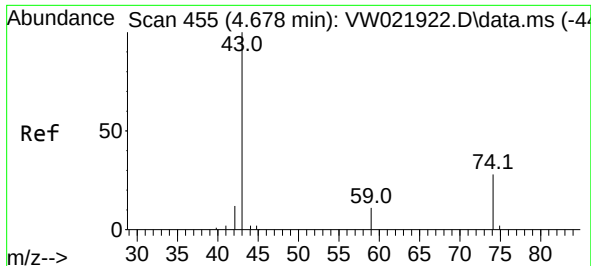
Tgt Ion: 76 Resp: 107539

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

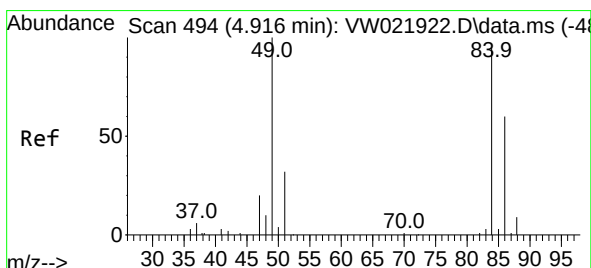
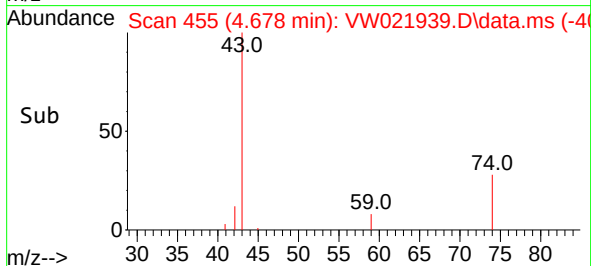
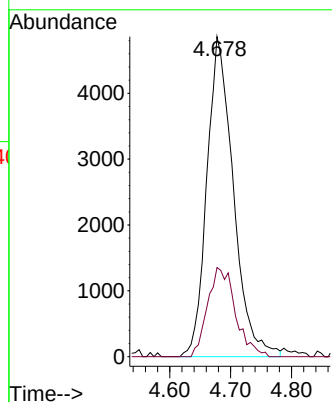
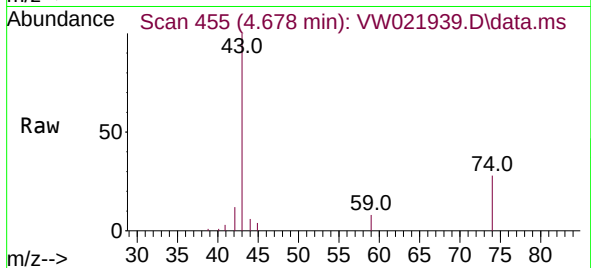




#15
Methyl Acetate
Concen: 23.459 ug/L
RT: 4.678 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

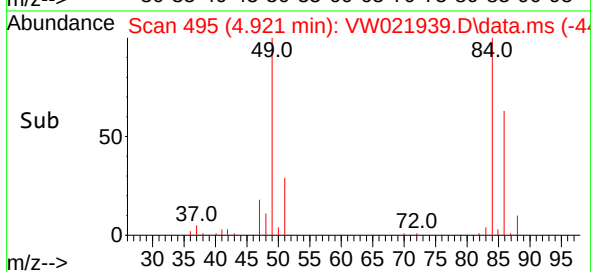
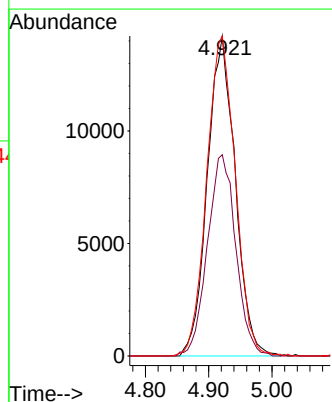
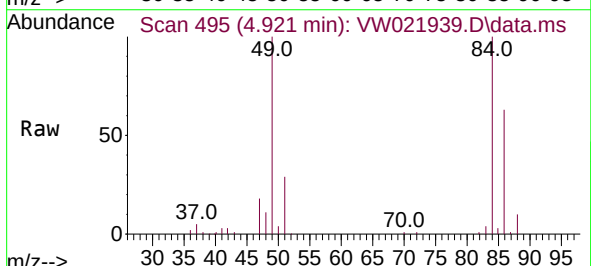
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

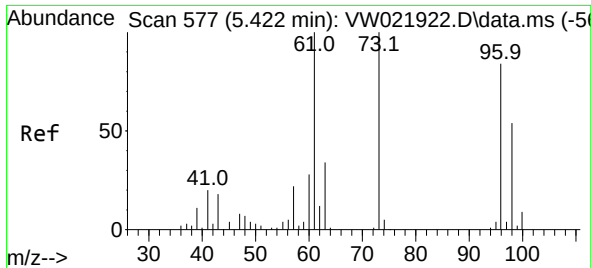
Tgt Ion: 43 Resp: 14688
Ion Ratio Lower Upper
43 100
74 18.2 16.4 24.6



#16
Methylene chloride
Concen: 17.755 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion: 84 Resp: 43431
Ion Ratio Lower Upper
84 100
86 63.0 45.5 84.5
49 100.2 100.5 186.7#

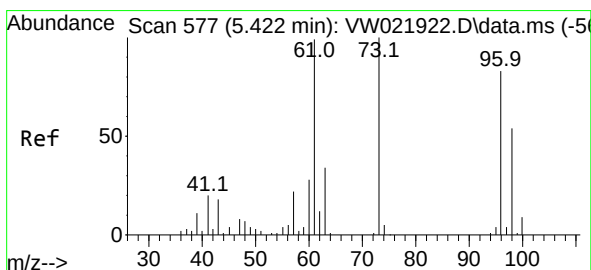
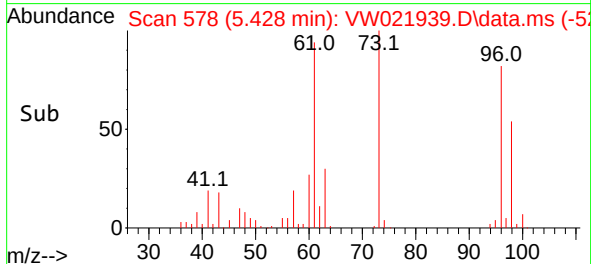
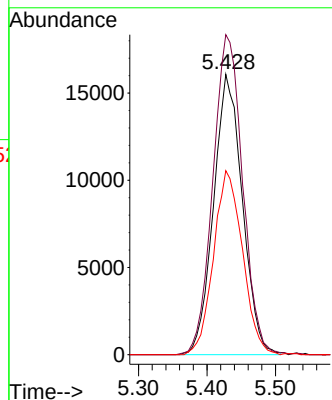
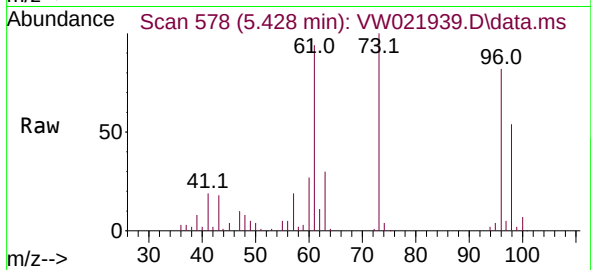




#17
trans-1,2-Dichloroethene
Concen: 20.337 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

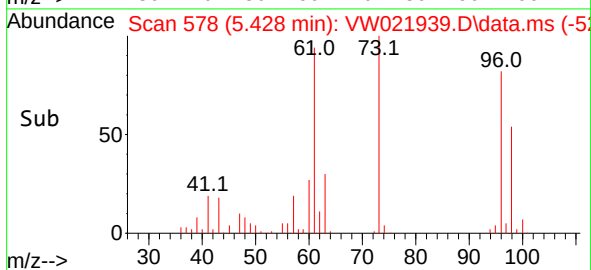
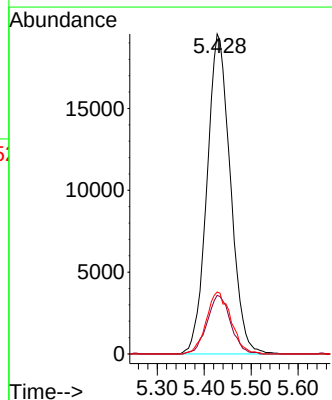
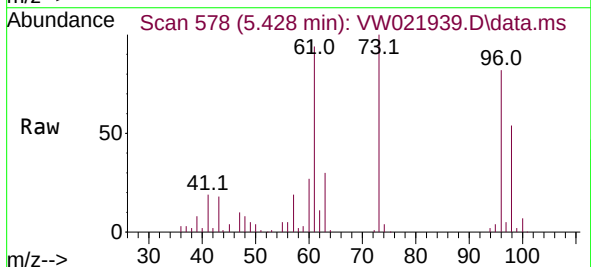
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

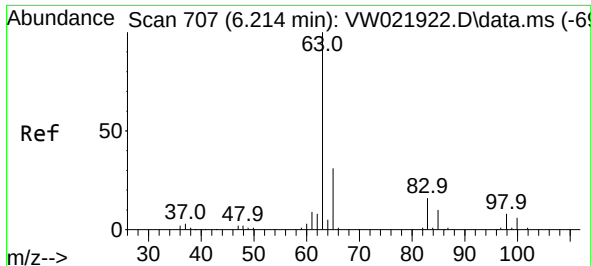
Tgt Ion: 96 Resp: 46884
Ion Ratio Lower Upper
96 100
61 114.1 107.4 199.4
98 65.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 22.996 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion: 73 Resp: 67605
Ion Ratio Lower Upper
73 100
43 18.4 19.5 29.3#
57 20.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 21.124 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

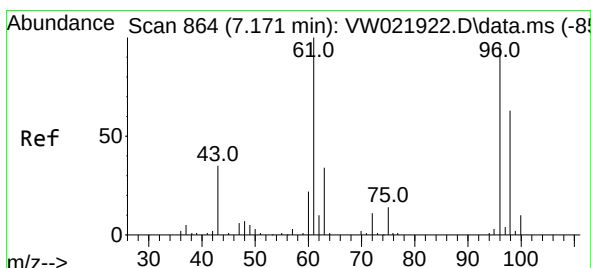
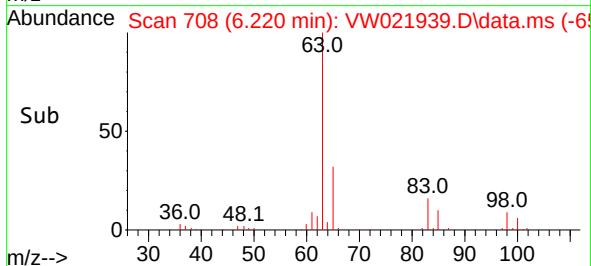
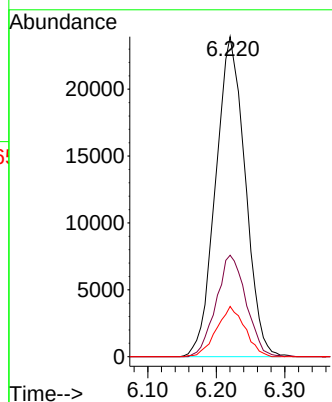
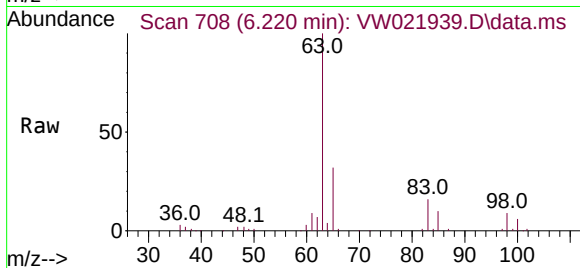
Tgt Ion: 63 Resp: 71417

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 15.7 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 21.516 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

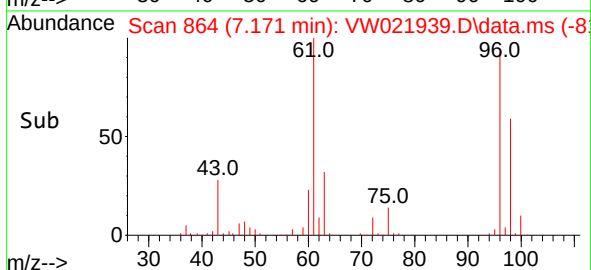
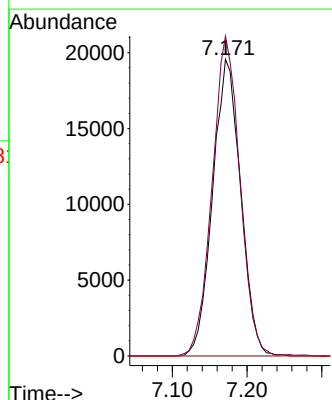
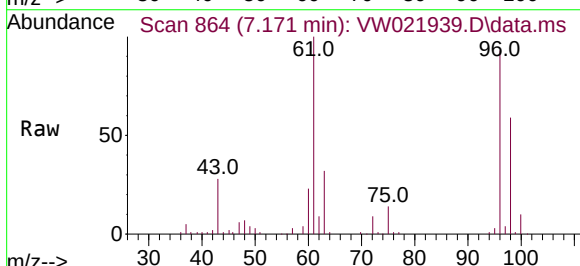
Tgt Ion: 96 Resp: 51025

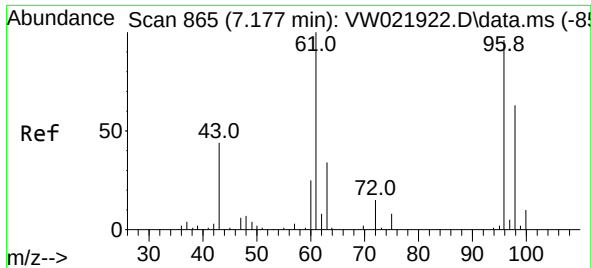
Ion Ratio Lower Upper

96 100

61 107.8 103.7 192.7

68 0.0 0.0 0.0

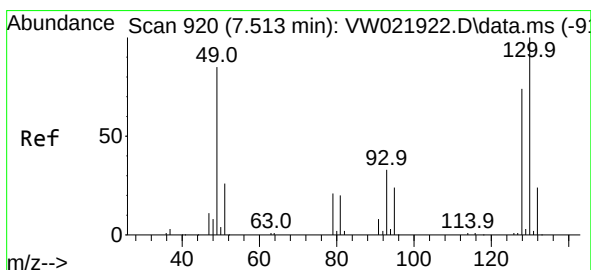
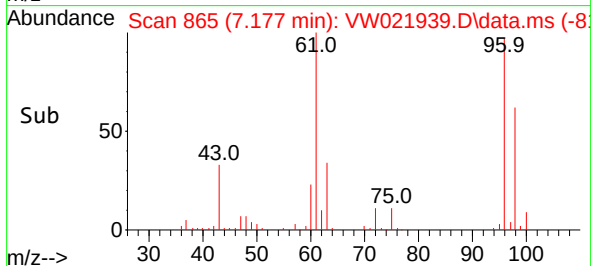
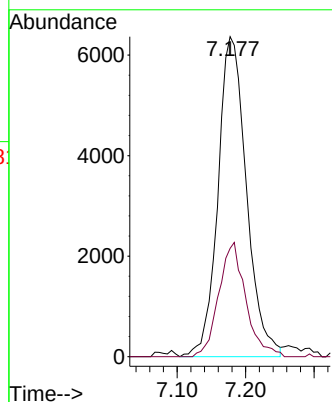
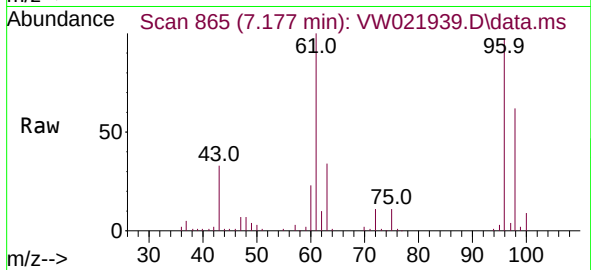




#22
2-Butanone
Concen: 46.464 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

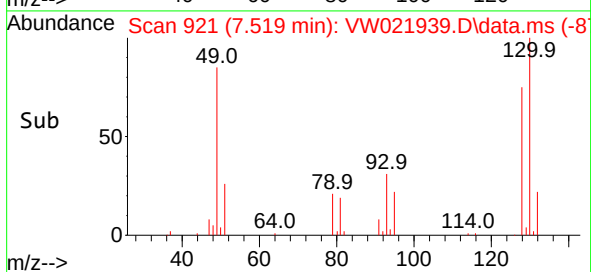
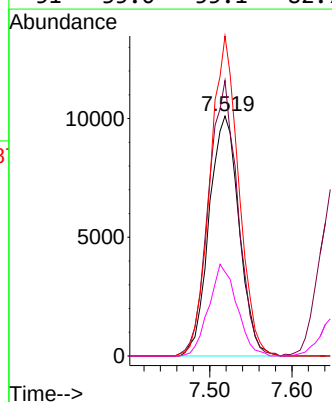
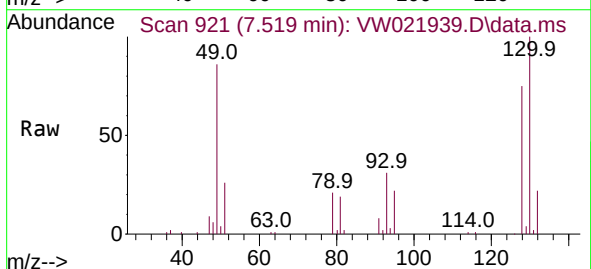
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

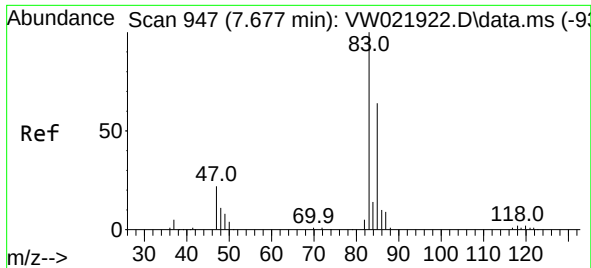
Tgt Ion: 43 Resp: 18399
Ion Ratio Lower Upper
43 100
72 33.8 11.8 35.4



#23
Bromochloromethane
Concen: 21.667 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion: 128 Resp: 25568
Ion Ratio Lower Upper
128 100
49 114.9 150.3 279.1#
130 133.4 88.3 163.9
51 35.0 55.1 82.7#

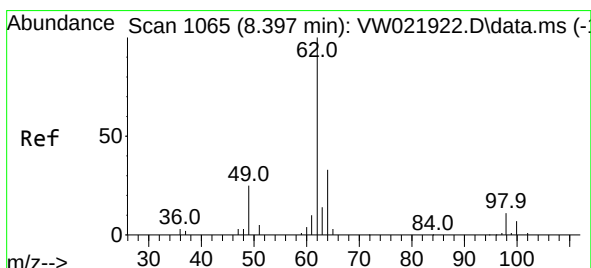
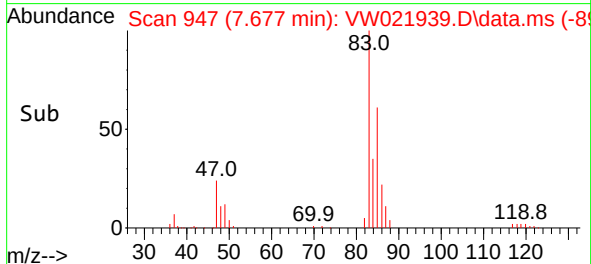
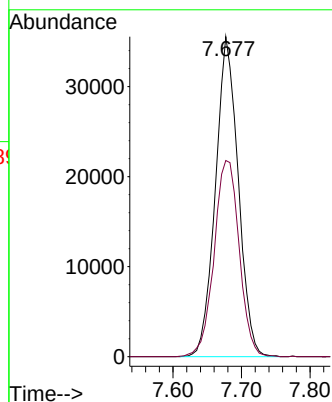
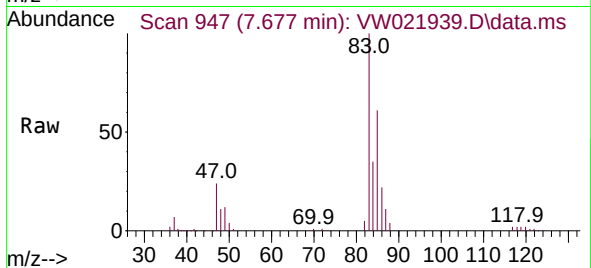




#25
Chloroform
Concen: 20.508 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

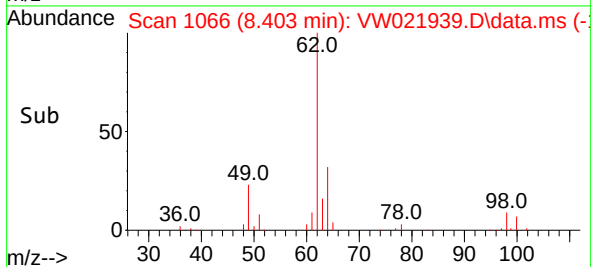
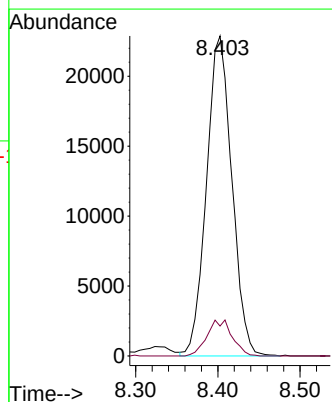
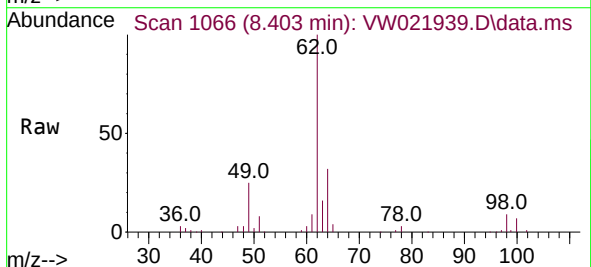
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

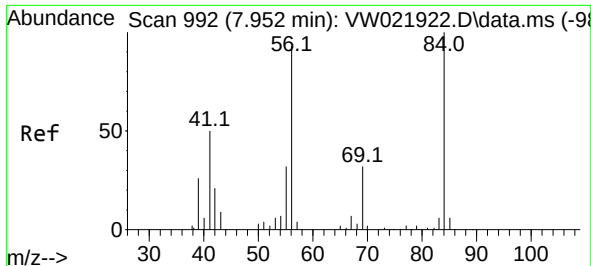
Tgt Ion: 83 Resp: 82036
Ion Ratio Lower Upper
83 100
85 61.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 21.214 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

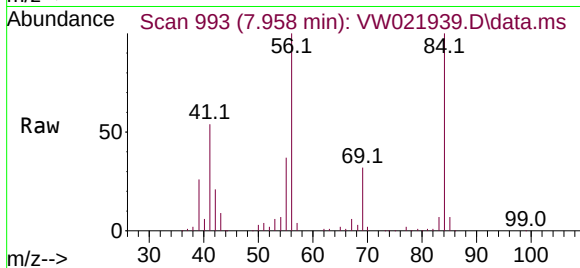
Tgt Ion: 62 Resp: 49140
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7



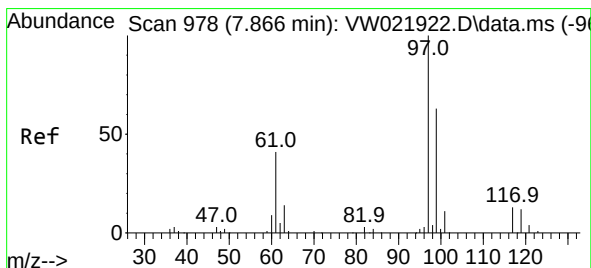
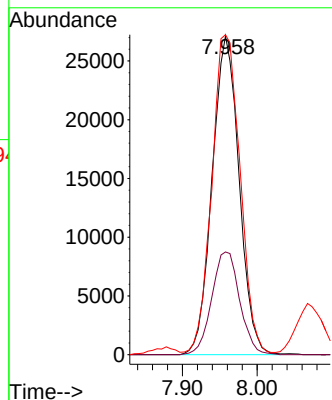
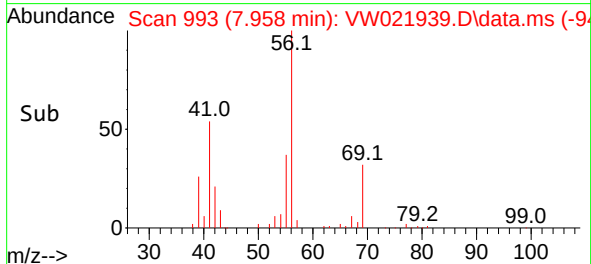


#29
Cyclohexane
Concen: 21.915 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

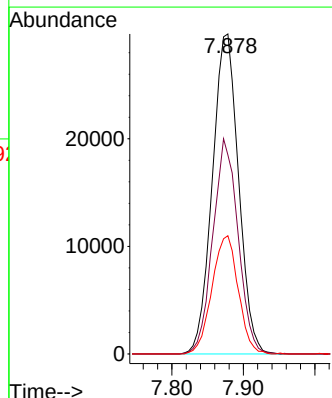
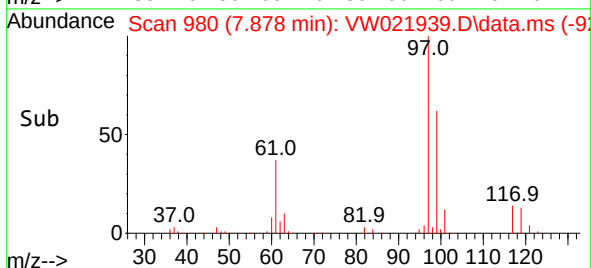
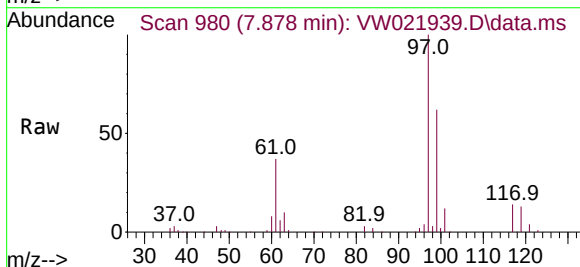


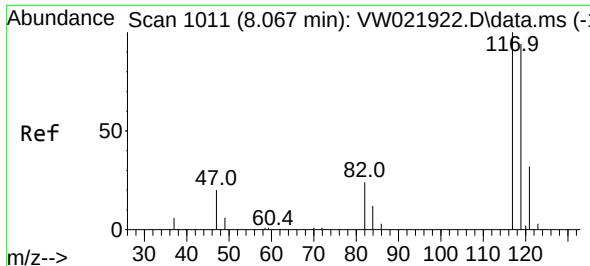
Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.5	23.5	35.3
84	105.9	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 21.107 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.012 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	37.0	40.9	61.3

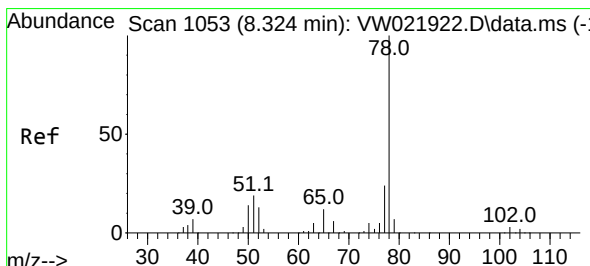
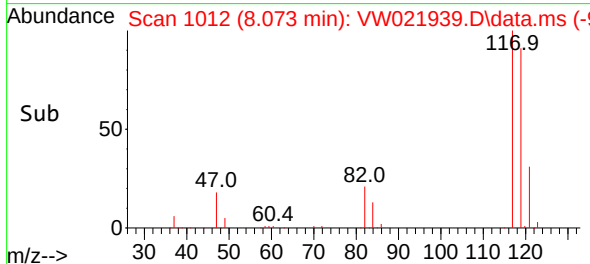
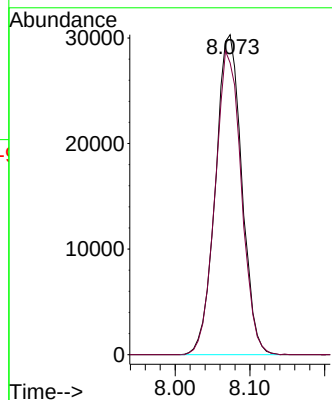
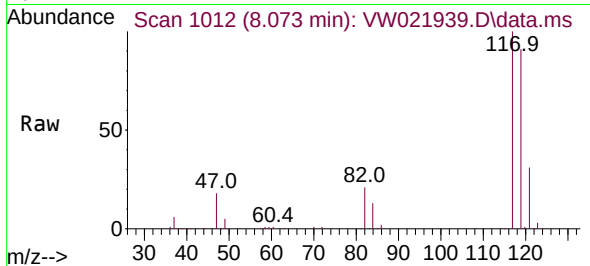




#31
Carbon tetrachloride
Concen: 21.342 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

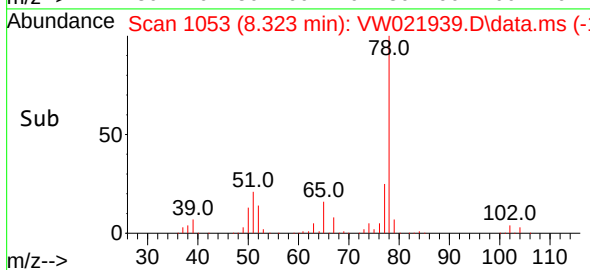
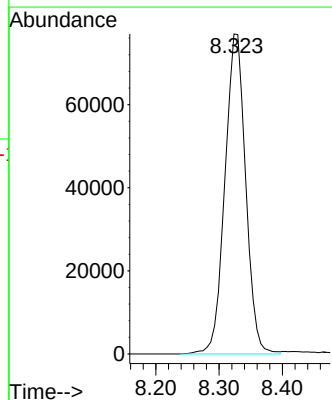
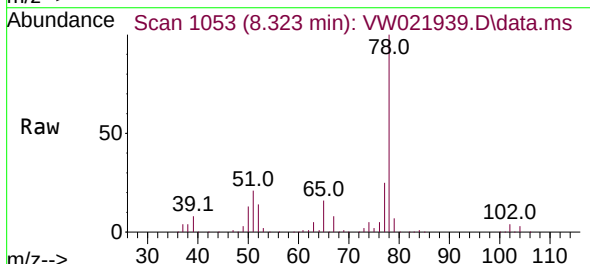
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

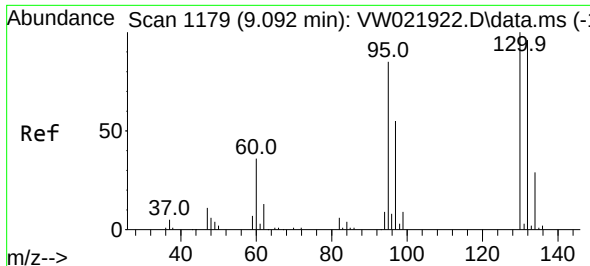
Tgt Ion:117 Resp: 74301
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5



#33
Benzene
Concen: 20.675 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion: 78 Resp: 175714

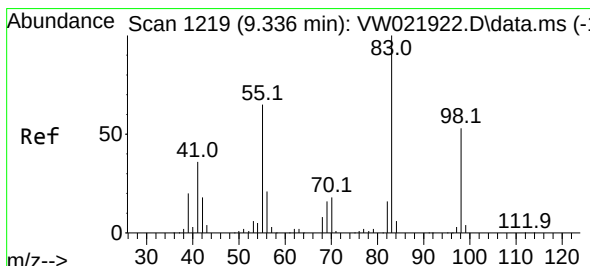
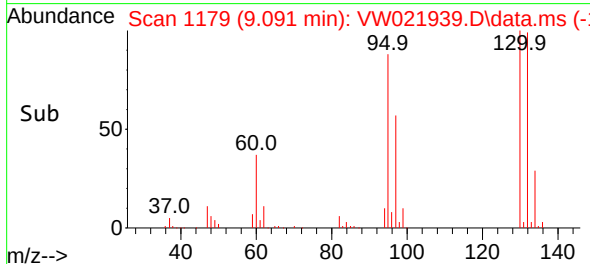
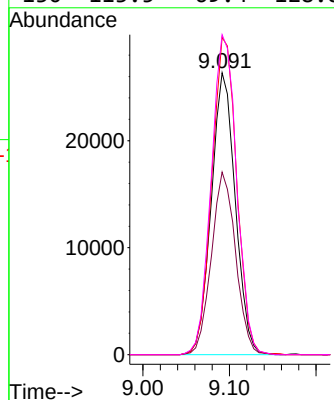
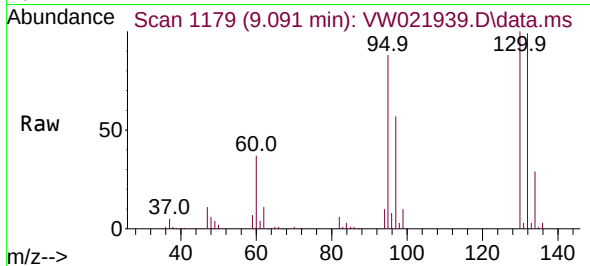




#34
Trichloroethene
Concen: 20.589 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

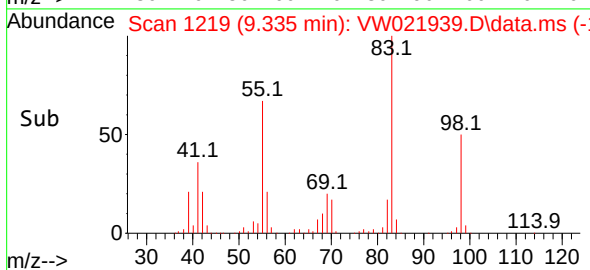
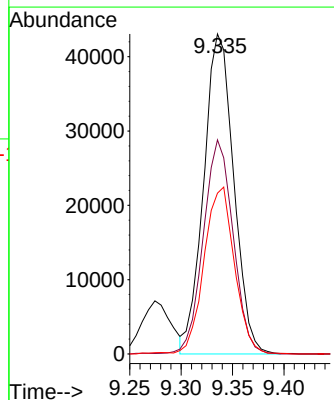
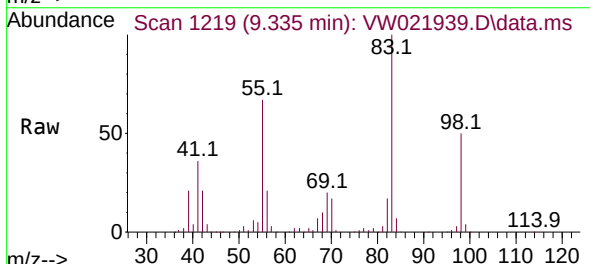
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

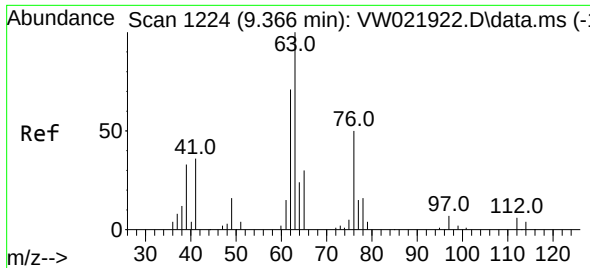
Tgt Ion: 95 Resp: 50767
Ion Ratio Lower Upper
95 100
97 64.7 47.0 87.2
132 112.5 65.5 121.6
130 113.5 69.4 128.8



#35
Methylcyclohexane
Concen: 21.622 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion: 83 Resp: 87674
Ion Ratio Lower Upper
83 100
55 66.4 70.8 106.2#
98 52.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 20.775 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Instrument :

MSVOA_W

ClientSampleId :

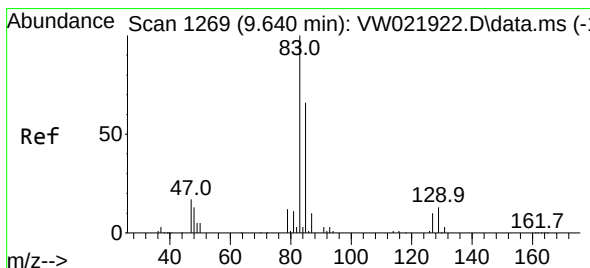
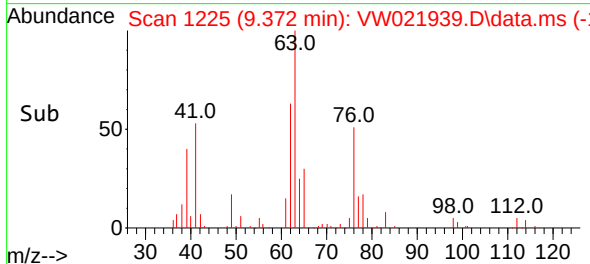
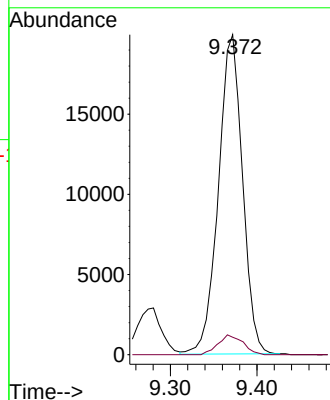
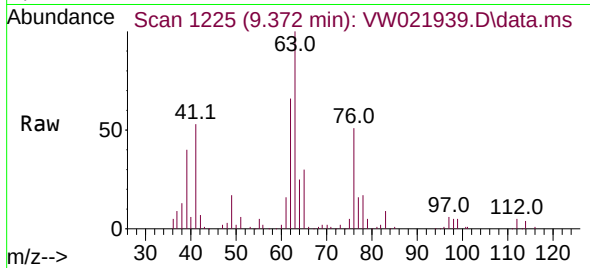
VSTD025539

Tgt Ion: 63 Resp: 38466

Ion Ratio Lower Upper

63 100

112 6.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 20.994 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

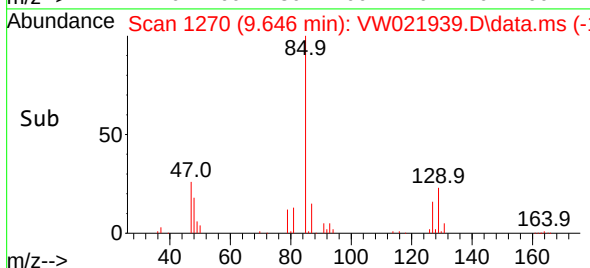
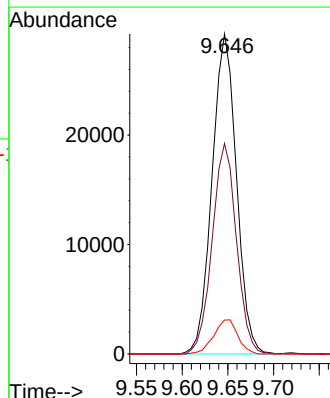
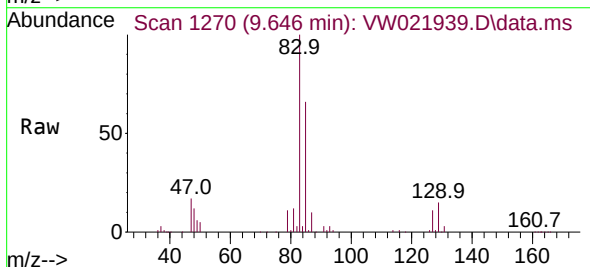
Tgt Ion: 83 Resp: 54263

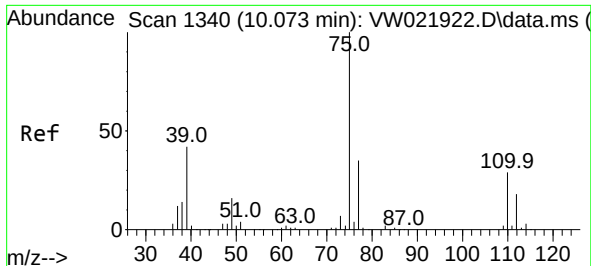
Ion Ratio Lower Upper

83 100

85 65.8 44.1 81.9

127 10.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 21.874 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Instrument :

MSVOA_W

ClientSampleId :

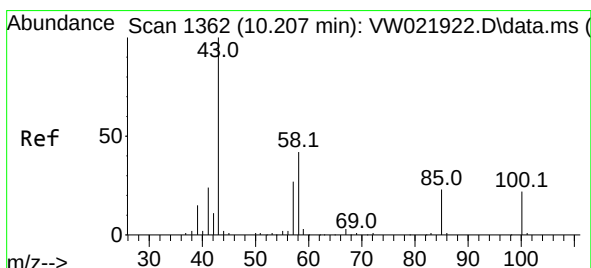
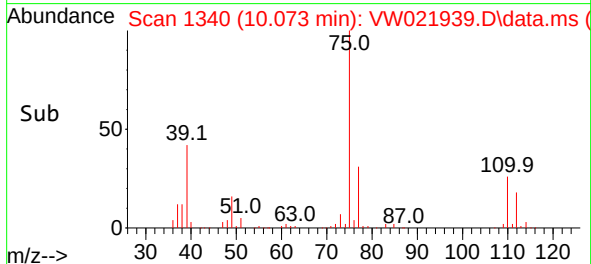
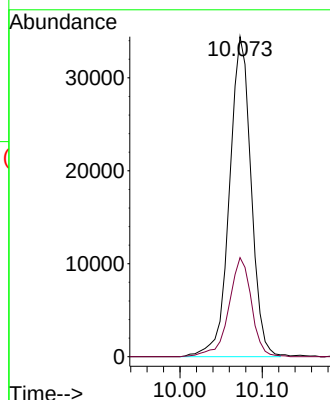
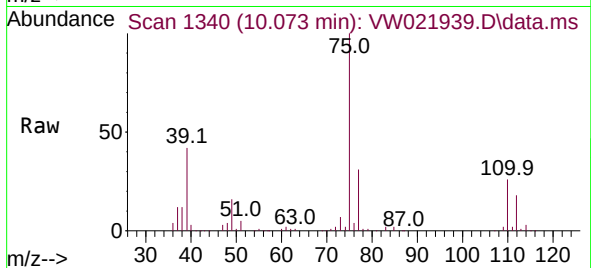
VSTD025539

Tgt Ion: 75 Resp: 62932

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 49.236 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

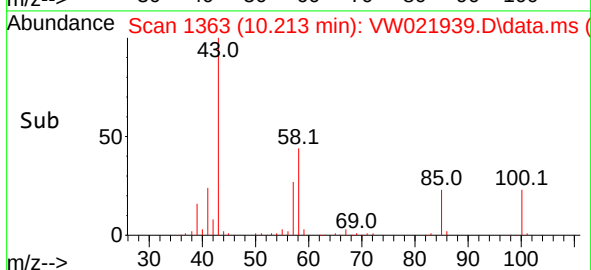
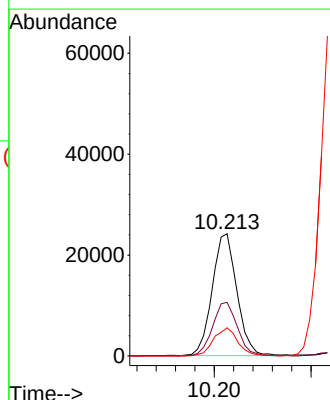
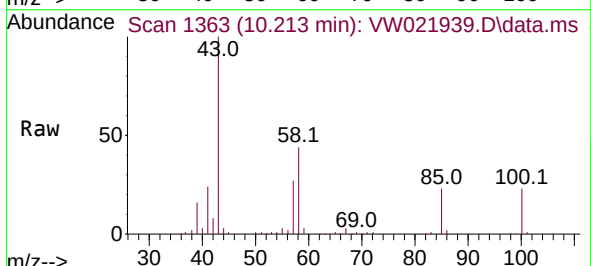
Tgt Ion: 43 Resp: 42824

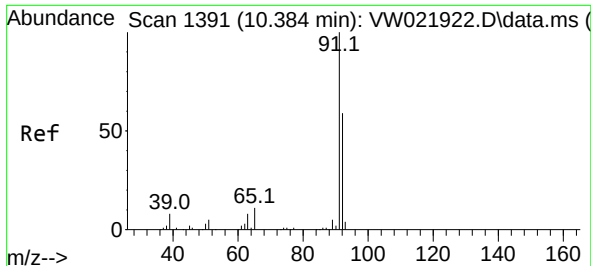
Ion Ratio Lower Upper

43 100

58 44.2 28.8 43.2#

100 22.7 10.0 15.0#

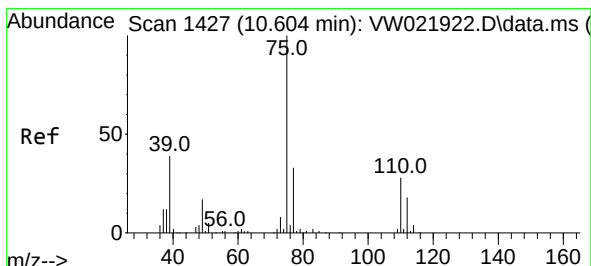
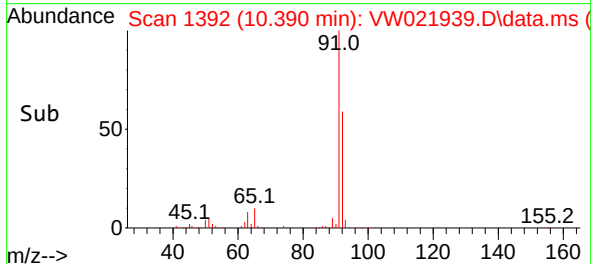
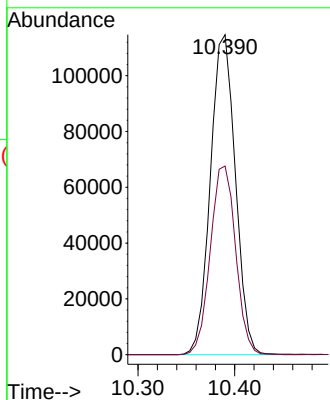
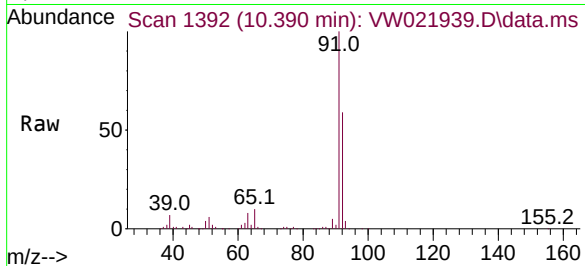




#42
Toluene
Concen: 21.598 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

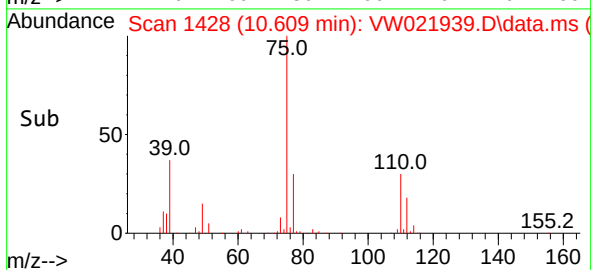
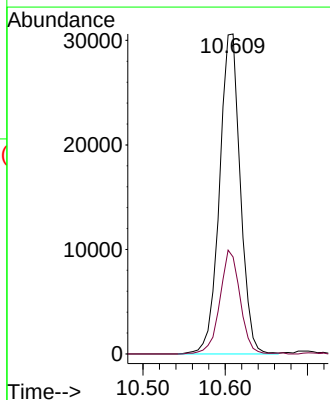
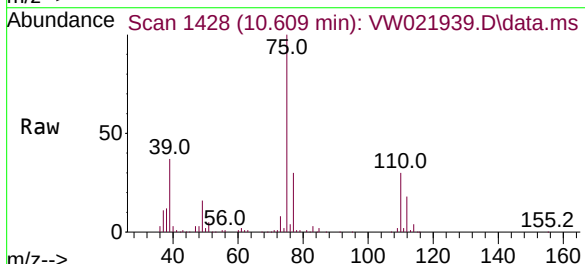
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

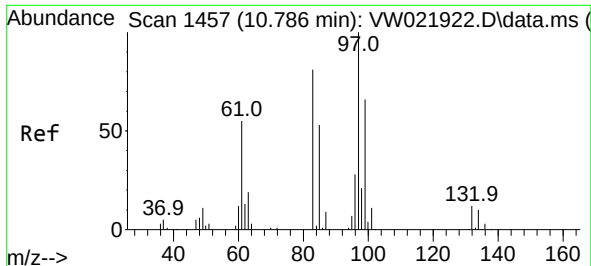
Tgt Ion: 91 Resp: 205873
Ion Ratio Lower Upper
91 100
92 58.9 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 22.363 ug/L
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion: 75 Resp: 53849
Ion Ratio Lower Upper
75 100
77 30.3 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 22.356 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion: 97 Resp: 35144

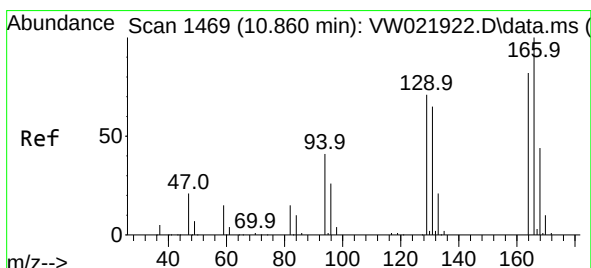
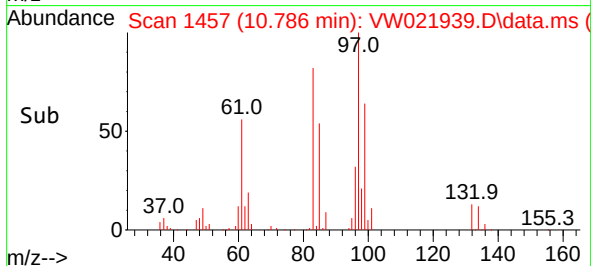
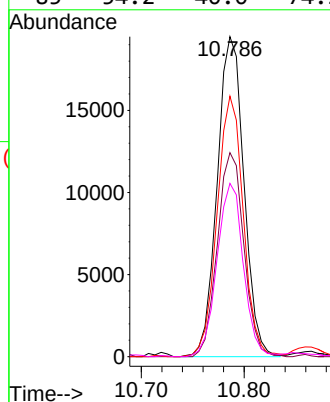
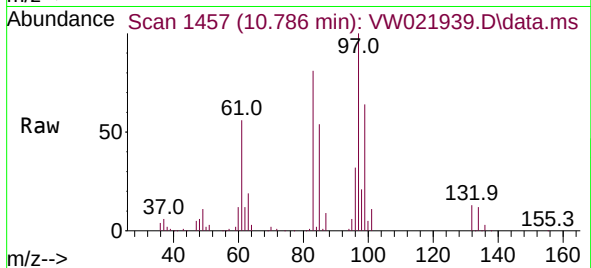
Ion Ratio Lower Upper

97 100

99 63.8 43.0 79.8

83 81.4 62.6 116.3

85 54.2 40.0 74.2



#46

Tetrachloroethene

Concen: 20.434 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Tgt Ion:164 Resp: 49824

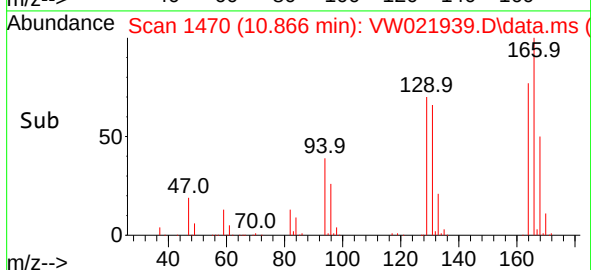
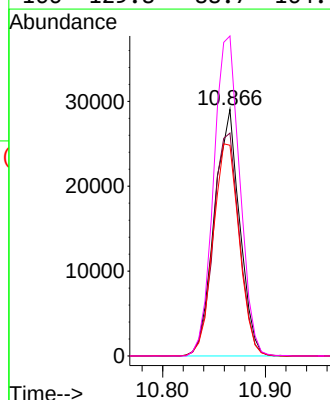
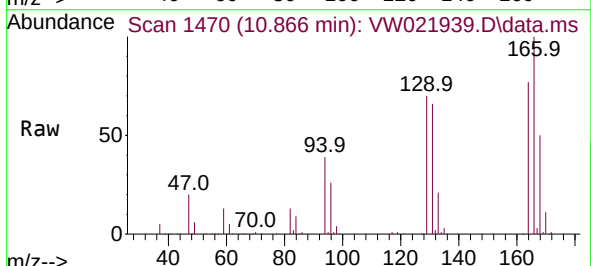
Ion Ratio Lower Upper

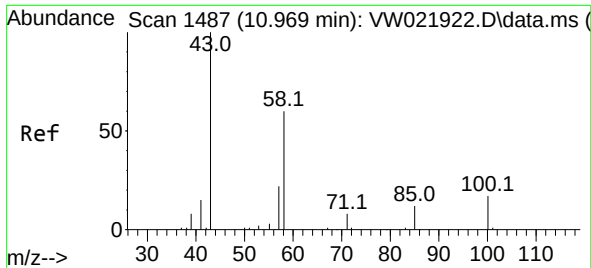
164 100

129 90.4 65.5 121.7

131 85.5 59.7 110.9

166 129.8 88.7 164.7

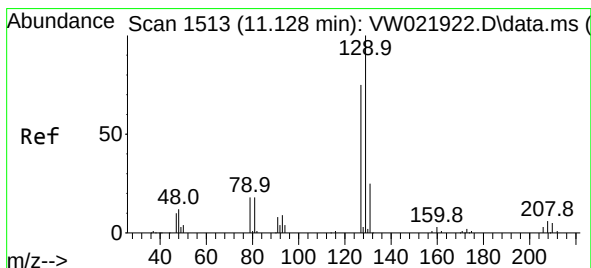
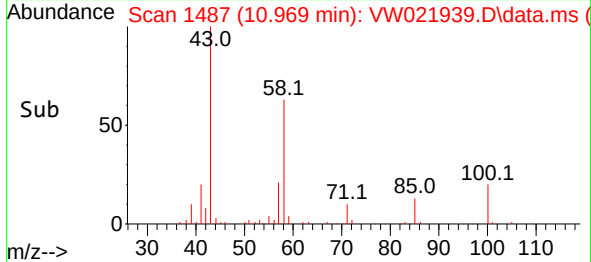
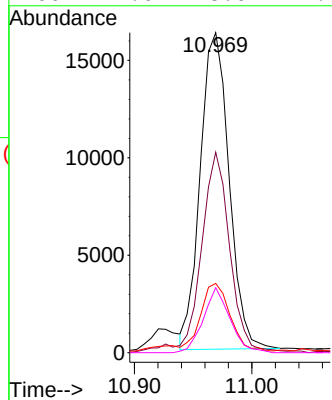
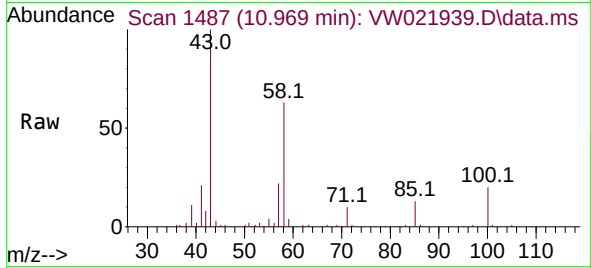




#48
2-Hexanone
Concen: 46.624 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

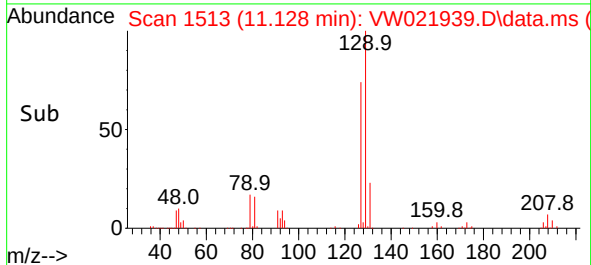
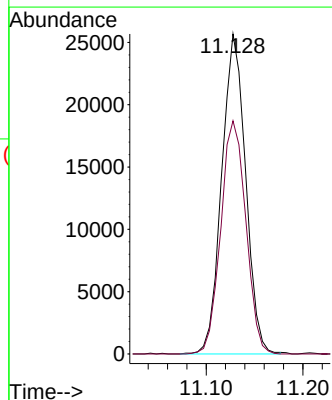
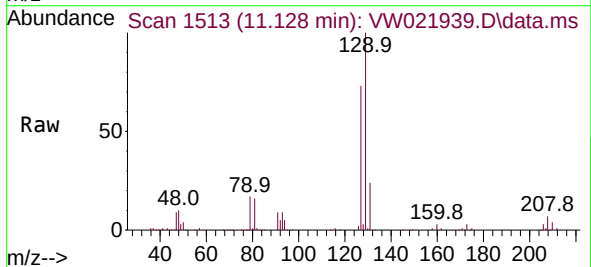
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

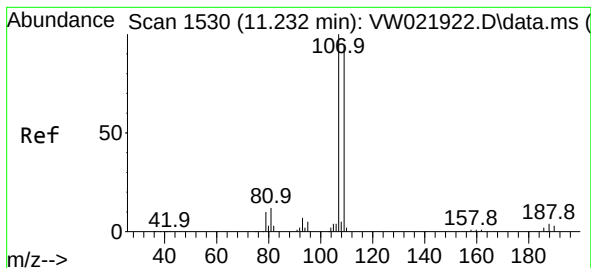
Tgt Ion: 43	Resp: 27746
Ion Ratio	Lower Upper
43 100	
58 60.5	40.2 60.2#
57 21.4	14.3 21.5
100 19.0	8.0 12.0#



#49
Dibromochloromethane
Concen: 22.223 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion:129	Resp: 44018		
Ion Ratio	Lower	Upper	
129 100			
127 72.9	55.7	103.5	





#50

1,2-Dibromoethane

Concen: 22.642 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

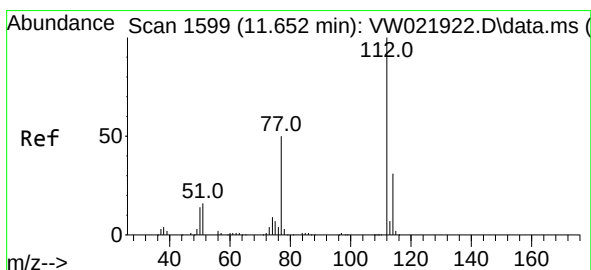
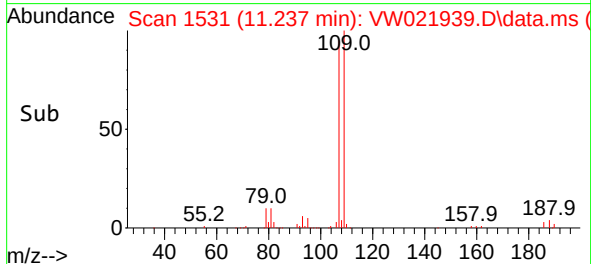
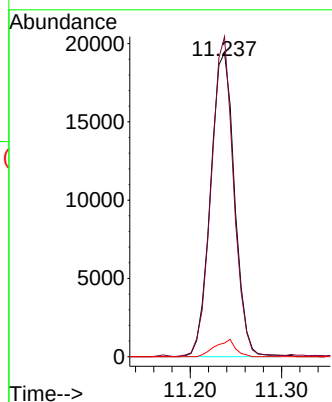
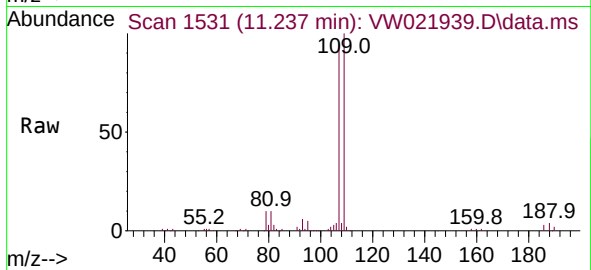
Tgt Ion:107 Resp: 35331

Ion Ratio Lower Upper

107 100

109 105.2 64.1 119.1

188 4.5 2.6 3.8#



#51

Chlorobenzene

Concen: 20.996 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

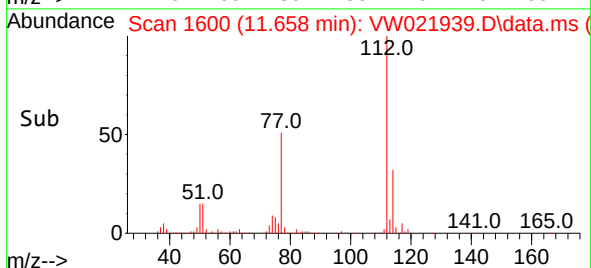
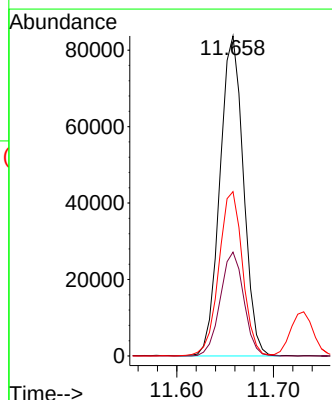
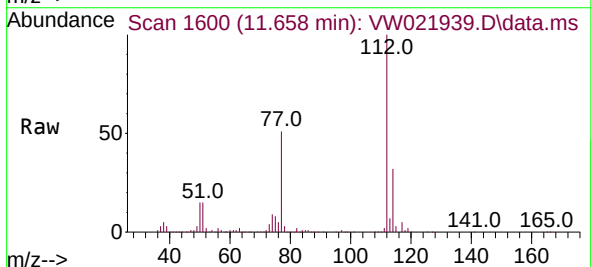
Tgt Ion:112 Resp: 141307

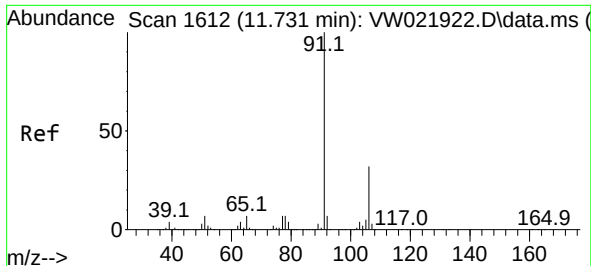
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 51.4 50.2 75.4





#52

Ethylbenzene

Concen: 21.675 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Instrument :

MSVOA_W

ClientSampleId :

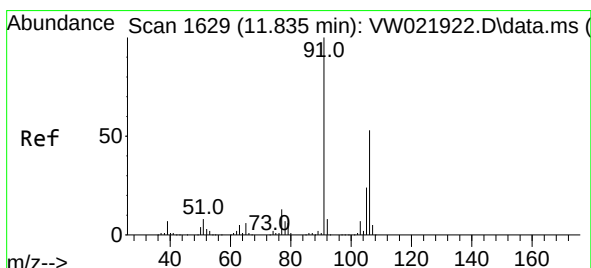
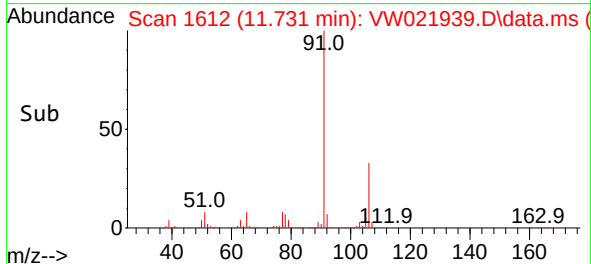
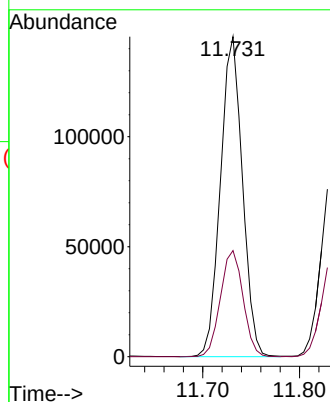
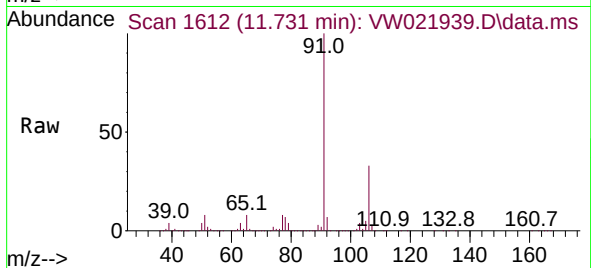
VSTD025539

Tgt Ion: 91 Resp: 229522

Ion Ratio Lower Upper

91 100

106 33.2 21.5 39.9



#53

m,p-Xylene

Concen: 22.307 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW021939.D

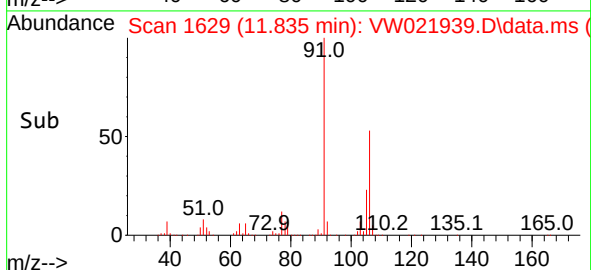
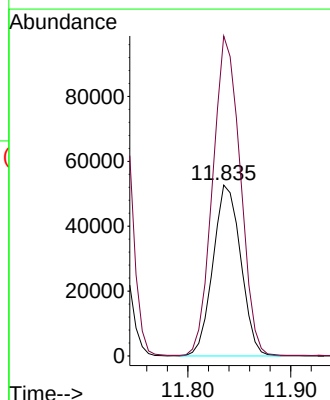
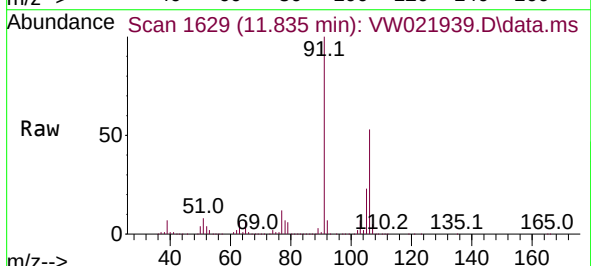
Acq: 15 Jan 2022 05:43

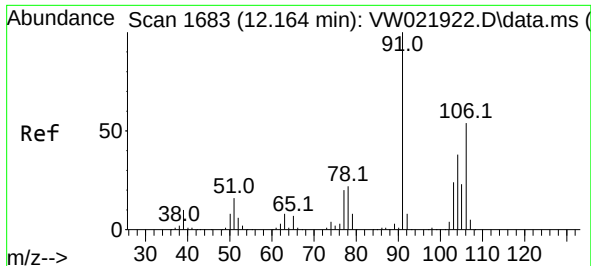
Tgt Ion:106 Resp: 98772

Ion Ratio Lower Upper

106 100

91 187.3 149.9 278.3

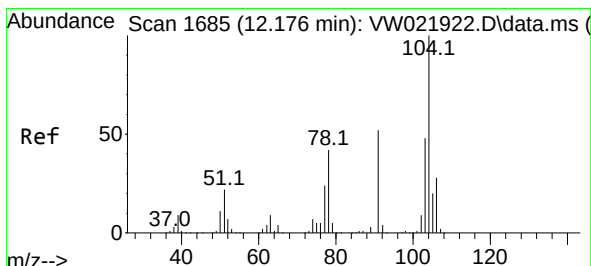
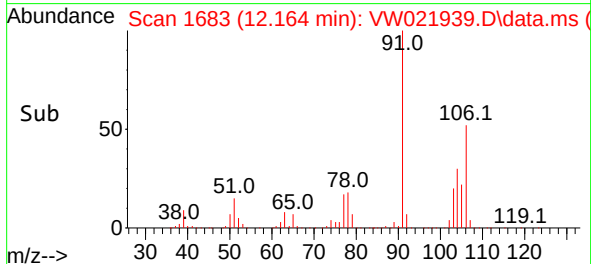
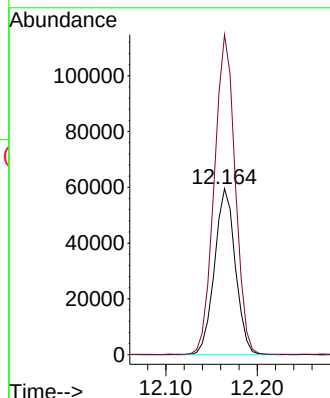
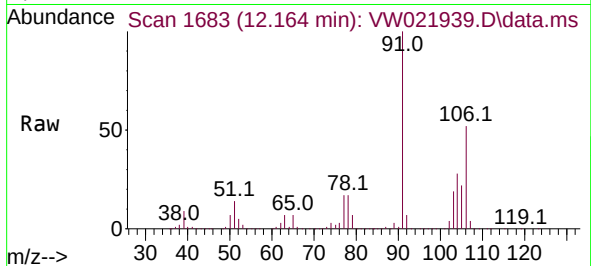




#54
o-Xylene
Concen: 22.937 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

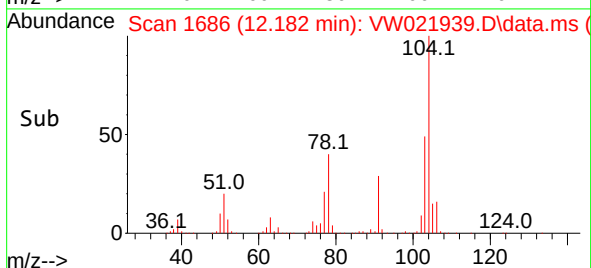
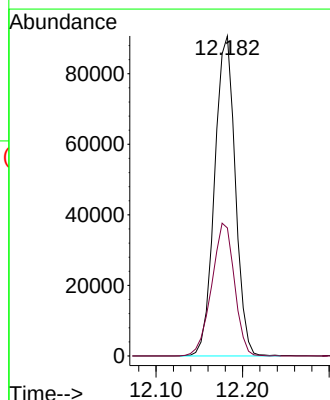
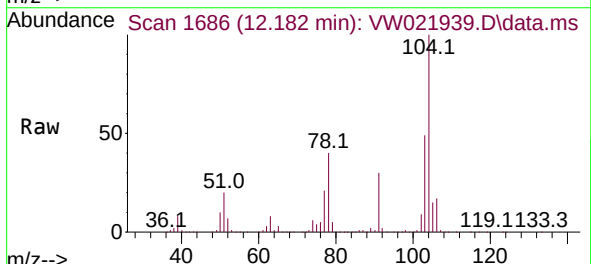
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

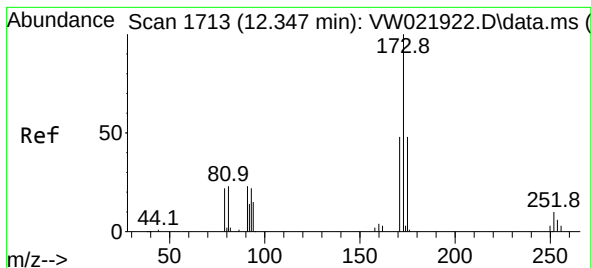
Tgt Ion:106 Resp: 94289
Ion Ratio Lower Upper
106 100
91 192.7 153.6 285.3



#55
Styrene
Concen: 22.169 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion:104 Resp: 150451
Ion Ratio Lower Upper
104 100
78 40.0 34.4 64.0





#59

Bromoform

Concen: 23.179 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

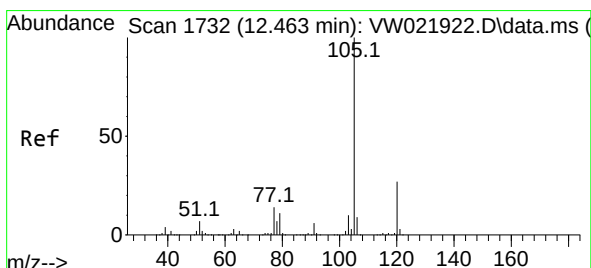
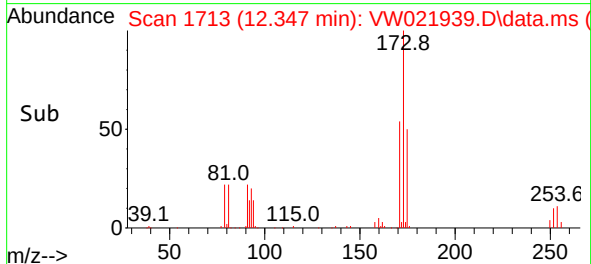
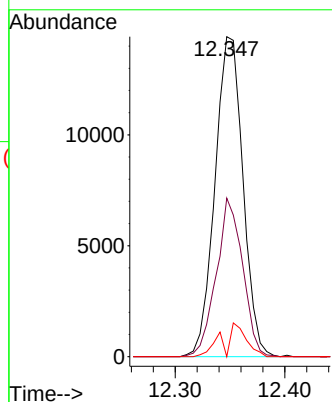
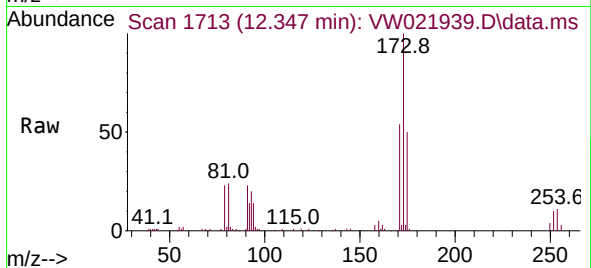
Tgt Ion:173 Resp: 25593

Ion Ratio Lower Upper

173 100

175 46.6 39.6 59.4

254 5.8 7.4 11.0#



#60

Isopropylbenzene

Concen: 22.855 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

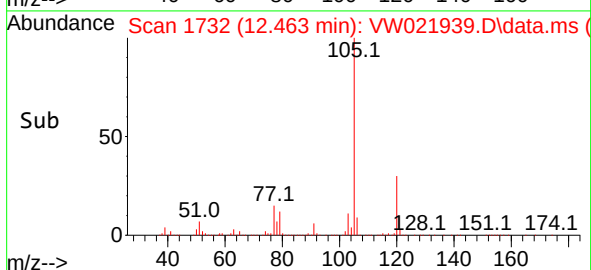
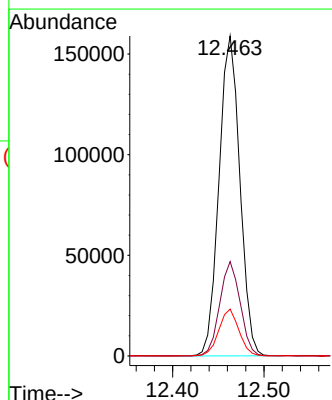
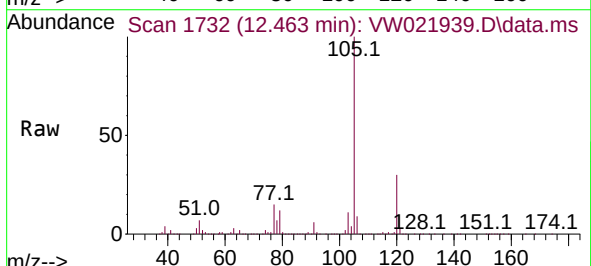
Tgt Ion:105 Resp: 252048

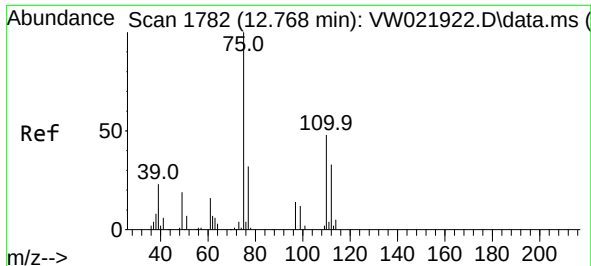
Ion Ratio Lower Upper

105 100

120 28.9 20.1 30.1

77 14.2 13.8 20.8





#61

1,2,3-Trichloropropane

Concen: 23.752 ug/L

RT: 12.768 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021939.D

Acq: 15 Jan 2022 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

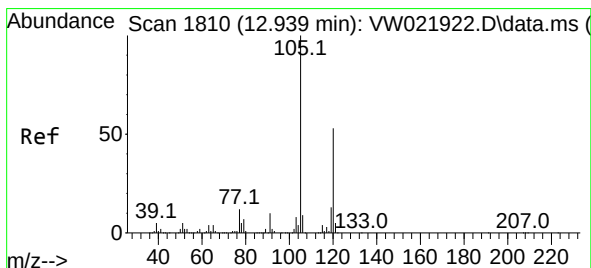
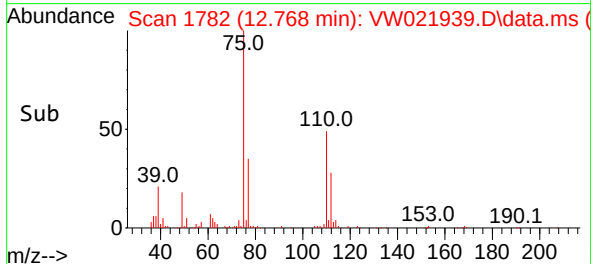
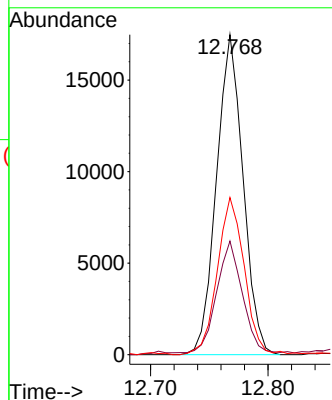
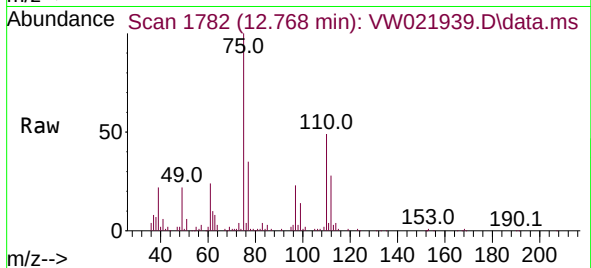
Tgt Ion: 75 Resp: 27489

Ion Ratio Lower Upper

75 100

77 34.1 25.8 38.8

110 49.5 29.0 43.4#



#62

1,3,5-Trimethylbenzene

Concen: 23.536 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021939.D

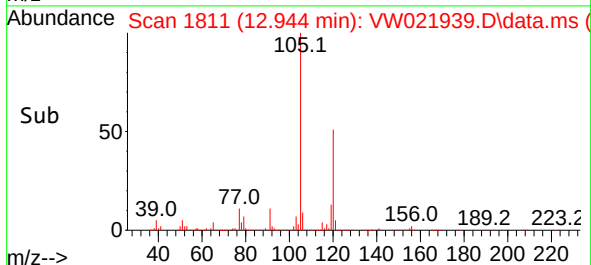
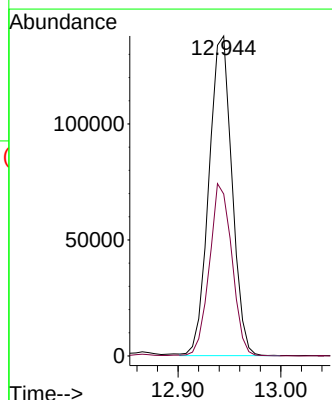
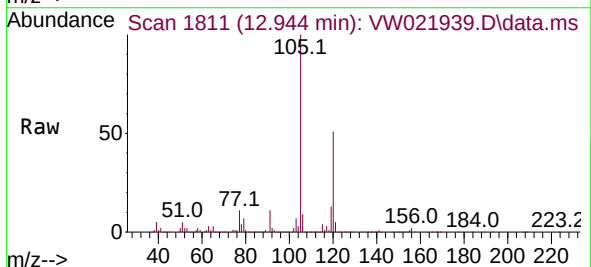
Acq: 15 Jan 2022 05:43

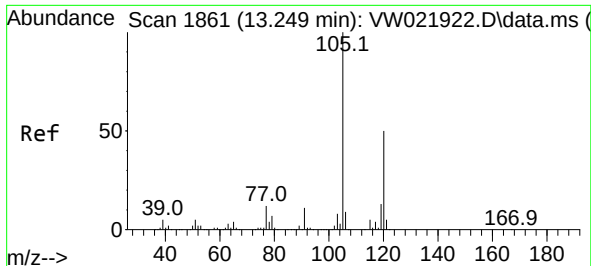
Tgt Ion:105 Resp: 214932

Ion Ratio Lower Upper

105 100

120 52.5 37.4 56.2

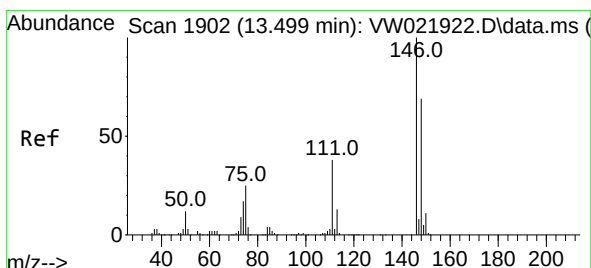
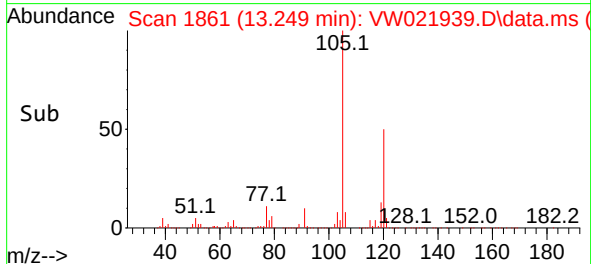
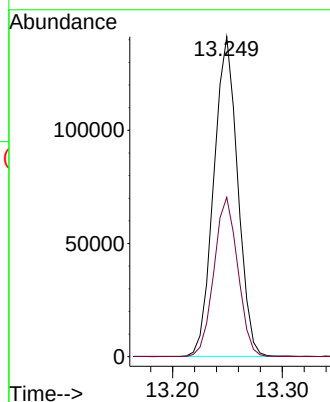
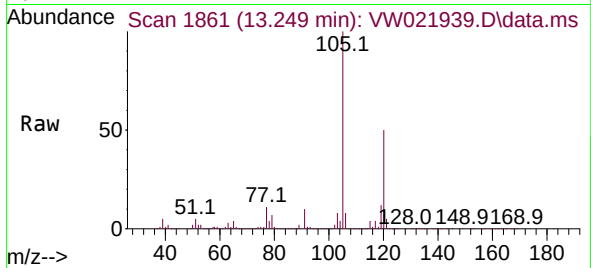




#63
1,2,4-Trimethylbenzene
Concen: 23.767 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

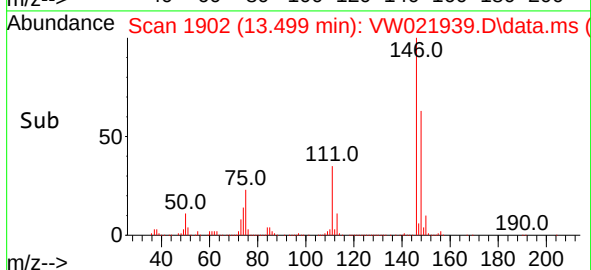
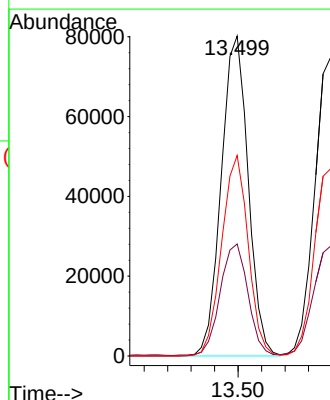
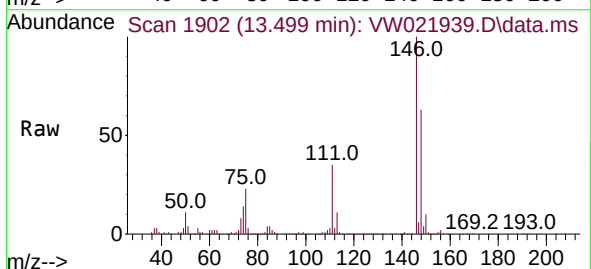
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

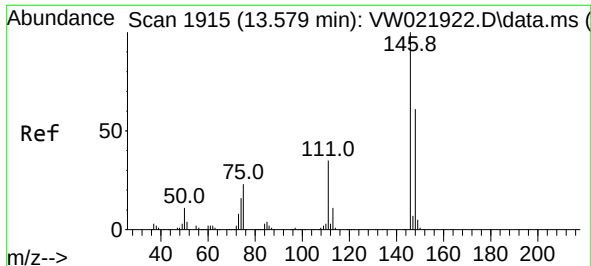
Tgt Ion:105 Resp: 214056
Ion Ratio Lower Upper
105 100
120 49.7 35.0 52.6



#64
1,3-Dichlorobenzene
Concen: 23.066 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion:146 Resp: 127890
Ion Ratio Lower Upper
146 100
111 35.0 29.8 55.3
148 62.7 46.2 85.8

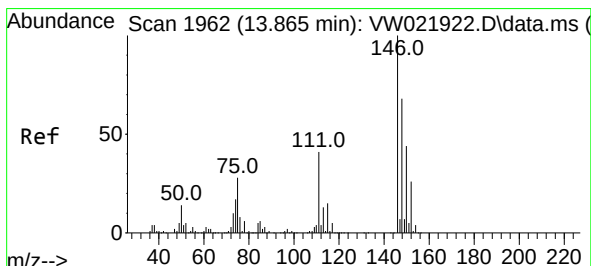
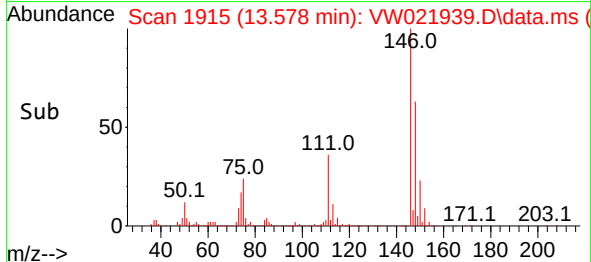
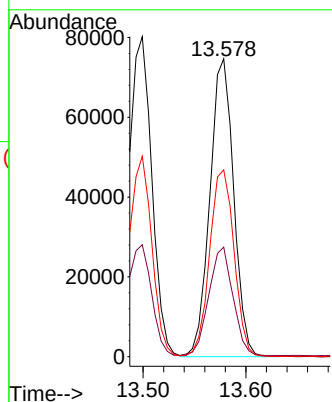
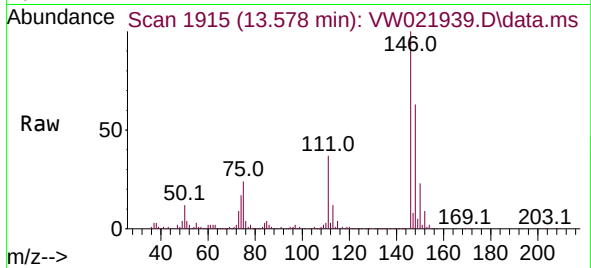




#65
1,4-Dichlorobenzene
Concen: 21.902 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

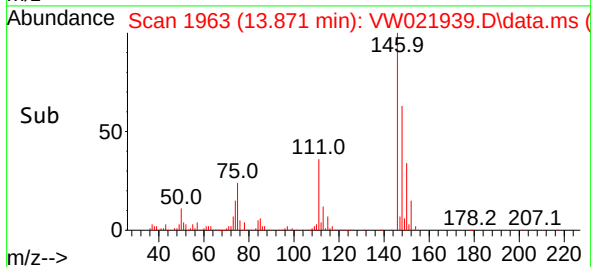
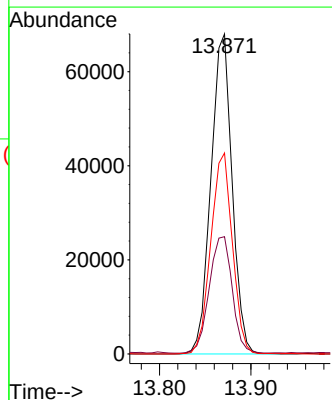
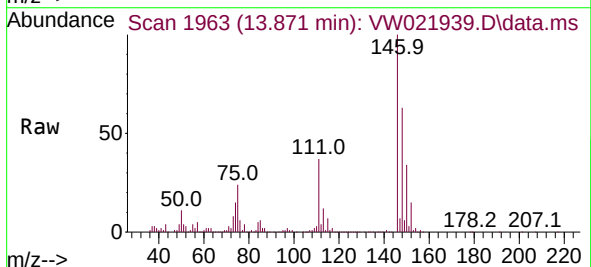
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

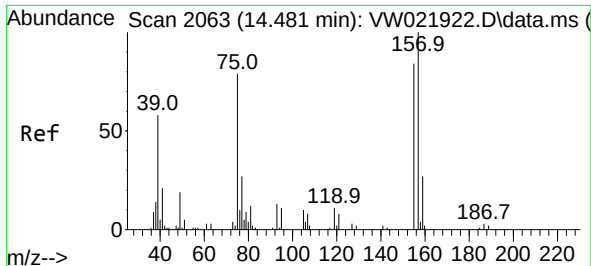
Tgt Ion:146 Resp: 119905
Ion Ratio Lower Upper
146 100
111 36.8 29.0 53.9
148 62.7 46.9 87.1



#67
1,2-Dichlorobenzene
Concen: 22.526 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

Tgt Ion:146 Resp: 109353
Ion Ratio Lower Upper
146 100
111 36.6 33.1 49.7
148 62.8 47.4 71.2

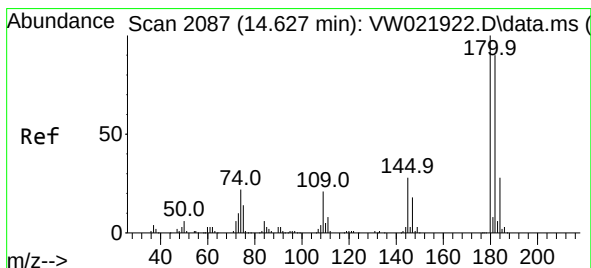
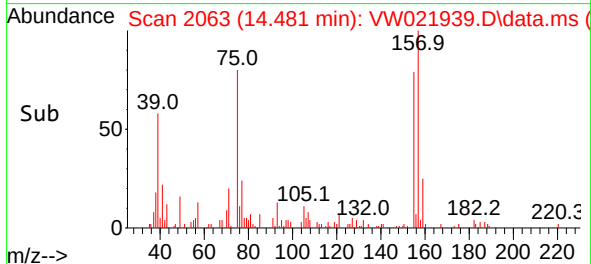
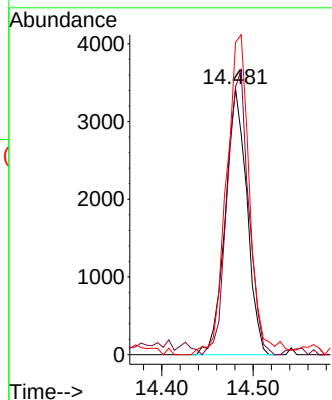
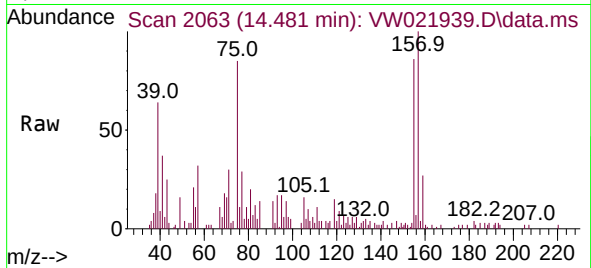




#68
 1,2-Dibromo-3-chloropropane
 Concen: 25.231 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VW021939.D
 Acq: 15 Jan 2022 05:43

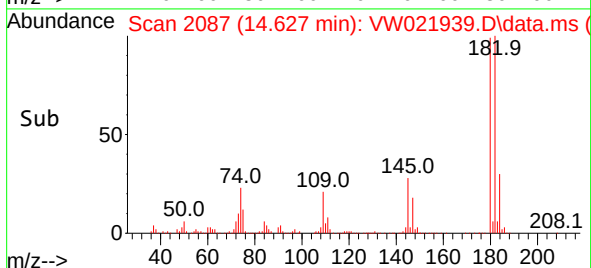
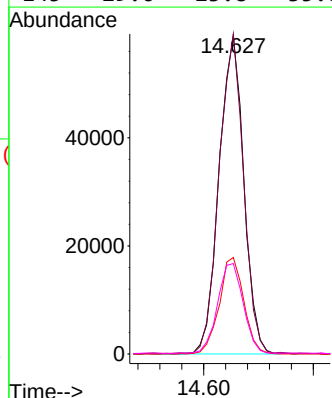
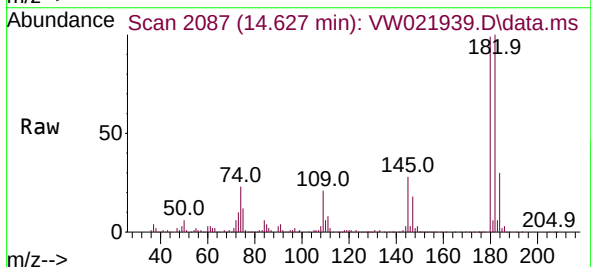
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

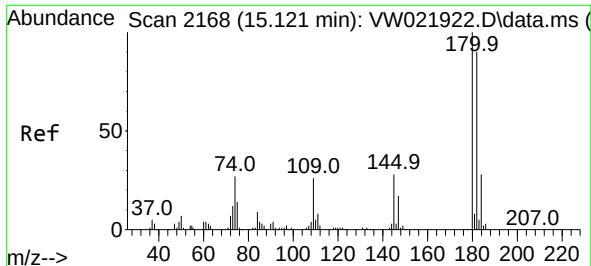
Tgt Ion: 75 Resp: 5639
 Ion Ratio Lower Upper
 75 100
 155 100.7 54.2 81.2#
 157 117.5 69.4 104.2#



#69
 1,3,5-Trichlorobenzene
 Concen: 22.369 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021939.D
 Acq: 15 Jan 2022 05:43

Tgt Ion: 180 Resp: 92182
 Ion Ratio Lower Upper
 180 100
 182 98.7 75.4 113.0
 184 30.1 23.8 35.8
 145 29.6 23.8 35.8

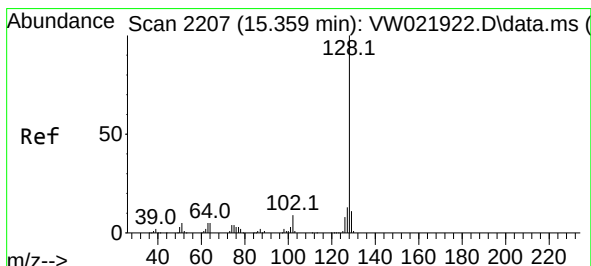
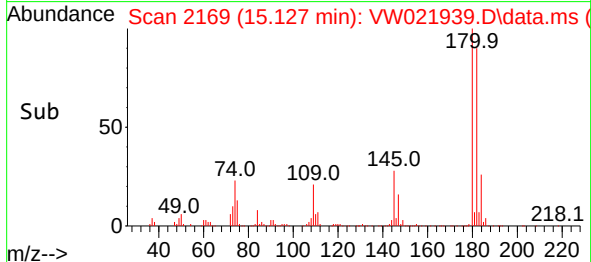
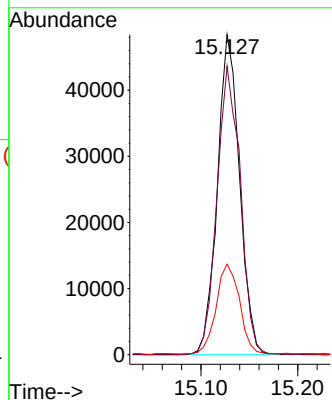
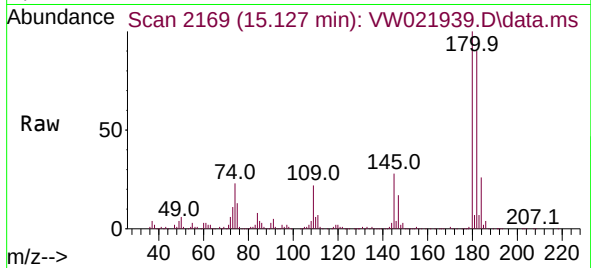




#70
1,2,4-trichlorobenzene
Concen: 23.537 ug/L
RT: 15.127 min Scan# 2168
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

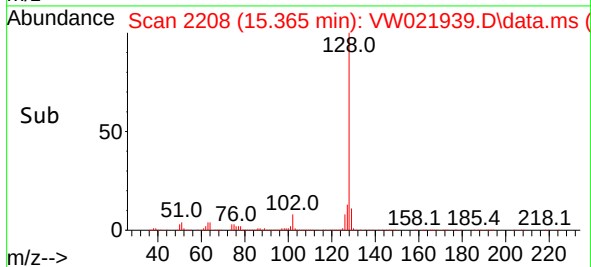
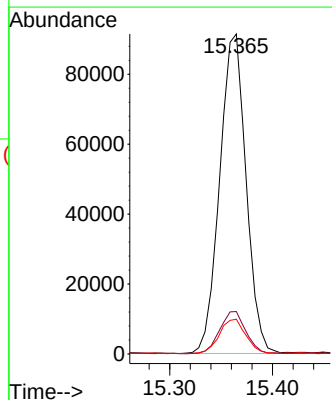
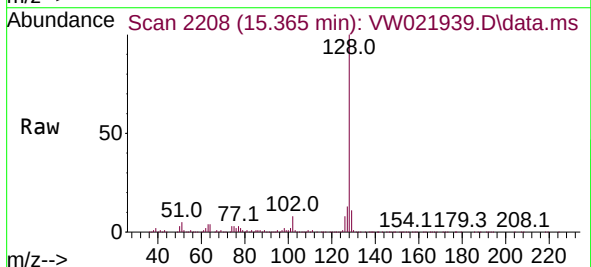
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

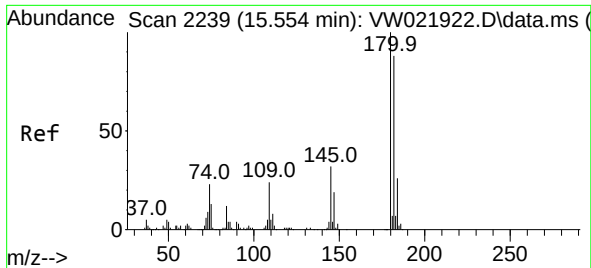
Tgt Ion:180 Resp: 77286
Ion Ratio Lower Upper
180 100
182 94.5 79.0 118.6
145 29.7 26.0 39.0



#71
Naphthalene
Concen: 32.138 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW021939.D
Acq: 15 Jan 2022 05:43

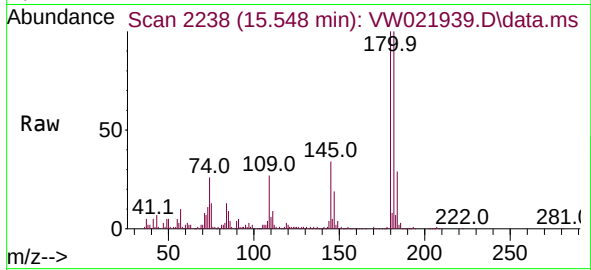
Tgt Ion:128 Resp: 162787
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 23.429 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW021939.D
 Acq: 15 Jan 2022 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539



Tgt Ion:	180	Resp:	63531
Ion Ratio	Lower	Upper	
180	100		
182	97.9	76.6	114.8
145	33.2	27.4	41.0

