

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
 Data File : VW021920.D
 Acq On : 14 Jan 2022 18:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: Jan 17 00:48:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 00:44:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	140991	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	140861	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	86765	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	58122	22.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.720%
7) Chloroethane-d5	2.873	69	43282	18.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.160%
11) 1,1-Dichloroethene-d2	4.013	63	88386	21.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.440%
21) 2-Butanone-d5	7.080	46	24022	64.946	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.900%
24) Chloroform-d	7.647	84	106885	23.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.880%
26) 1,2-Dichloroethane-d4	8.305	65	53512	24.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.320%
32) Benzene-d6	8.269	84	209638	22.936	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.760%
36) 1,2-Dichloropropane-d6	9.268	67	56910	23.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	10.323	98	210244	22.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.280%
43) trans-1,3-Dichloroprop...	10.573	79	25874	25.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.200%
47) 2-Hexanone-d5	10.921	63	22417	68.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.160%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	51363	27.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	83632	23.442	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	20671	37.190	ug/L	98
3) Chloromethane	2.209	50	41012	20.351	ug/L	98
5) Vinyl chloride	2.355	62	59169	20.438	ug/L	95
6) Bromomethane	2.770	94	43052	21.032	ug/L	96
8) Chloroethane	2.910	64	30695	17.544	ug/L	95
9) Trichlorofluoromethane	3.251	101	37284	17.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	49879	21.300	ug/L	91
12) 1,1-Dichloroethene	4.038	96	44827	21.301	ug/L	74
14) Carbon disulfide	4.379	76	107944	19.592	ug/L	99
15) Methyl Acetate	4.672	43	15846	25.656	ug/L	# 83
16) Methylene chloride	4.909	84	43988	18.230	ug/L	79
17) trans-1,2-Dichloroethene	5.415	96	48734	21.431	ug/L	77
18) Methyl tert-butyl Ether	5.428	73	66898	23.069	ug/L	# 90
19) 1,1-Dichloroethane	6.214	63	75079	22.513	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	52175	22.303	ug/L	70
22) 2-Butanone	7.177	43	21696	55.544	ug/L	80
23) Bromochloromethane	7.507	128	25975	22.315	ug/L	# 63
25) Chloroform	7.677	83	85914	21.773	ug/L	100
27) 1,2-Dichloroethane	8.397	62	51308	22.454	ug/L	# 90

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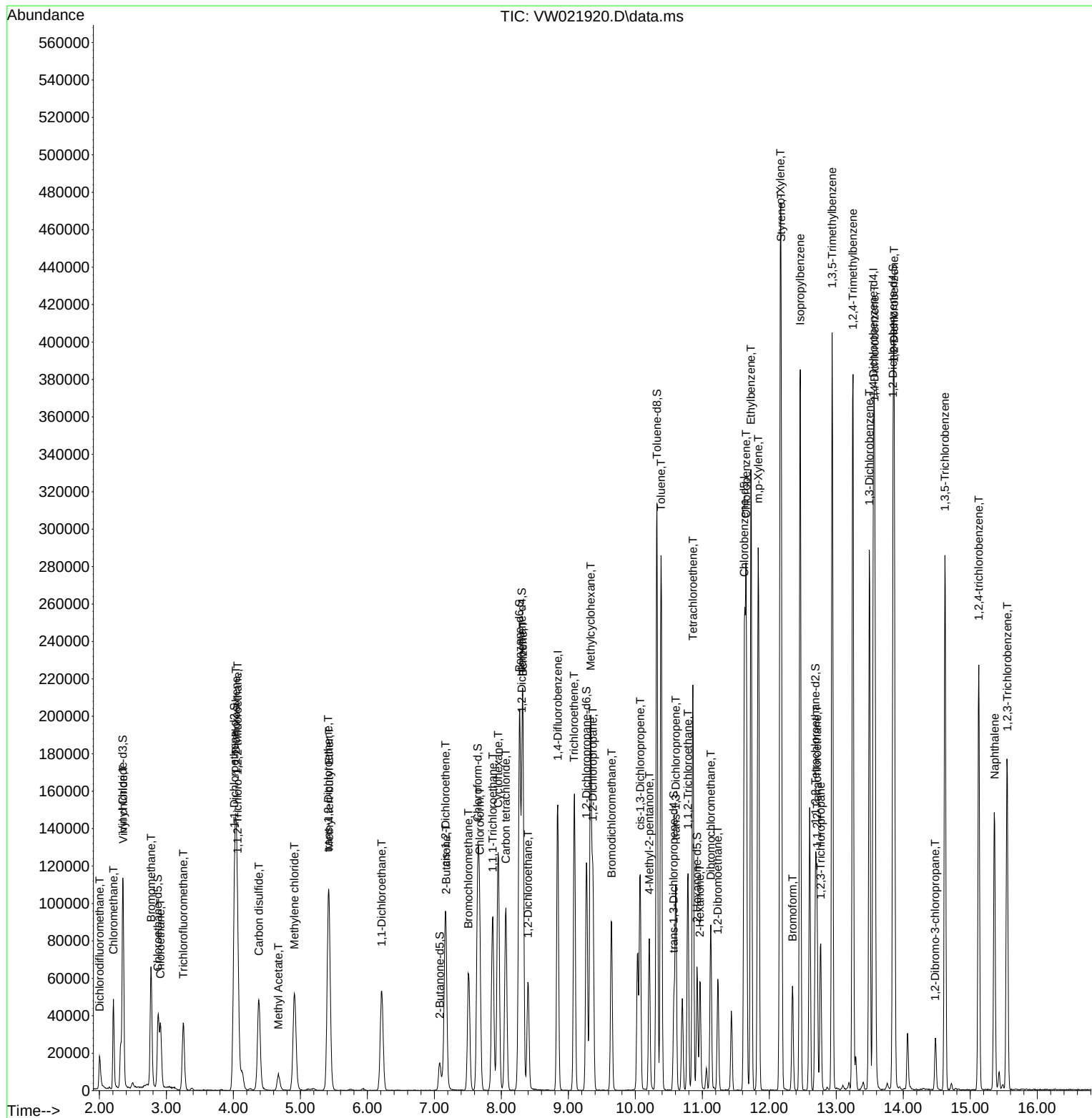
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	69096	21.927	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	76836	21.044	ug/L #	92
31) Carbon tetrachloride	8.067	117	74058	20.931	ug/L	98
33) Benzene	8.323	78	185481	21.474	ug/L	100
34) Trichloroethene	9.086	95	52943	21.127	ug/L	95
35) Methylcyclohexane	9.335	83	88264	21.419	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	41379	21.990	ug/L #	95
38) Bromodichloromethane	9.646	83	58398	22.232	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	69552	23.788	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	47791	54.067	ug/L #	85
42) Toluene	10.384	91	213960	22.086	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	59178	24.182	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	36458	22.821	ug/L	94
46) Tetrachloroethene	10.860	164	51936	20.959	ug/L	96
48) 2-Hexanone	10.963	43	35084	58.010	ug/L #	88
49) Dibromochloromethane	11.128	129	46884	23.290	ug/L	91
50) 1,2-Dibromoethane	11.231	107	38267	24.131	ug/L #	88
51) Chlorobenzene	11.652	112	149334	21.833	ug/L	88
52) Ethylbenzene	11.725	91	235435	21.877	ug/L	100
53) m,p-Xylene	11.835	106	100541	22.343	ug/L	89
54) o-Xylene	12.164	106	92653	22.178	ug/L	92
55) Styrene	12.176	104	157365	22.816	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	41886	24.368	ug/L #	97
59) Bromoform	12.347	173	26859	22.705	ug/L #	93
60) Isopropylbenzene	12.463	105	261705	22.150	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	30665	24.731	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	217824	22.263	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	218696	22.664	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	126793	21.344	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	124363	21.203	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	110472	21.240	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	6125	25.579	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	95200	21.562	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	74163	21.081	ug/L	97
71) Naphthalene	15.365	128	134028	24.697	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	63222	21.761	ug/L	99

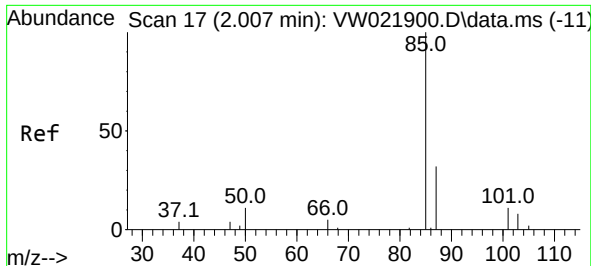
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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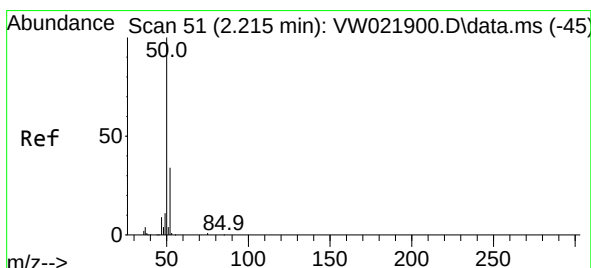
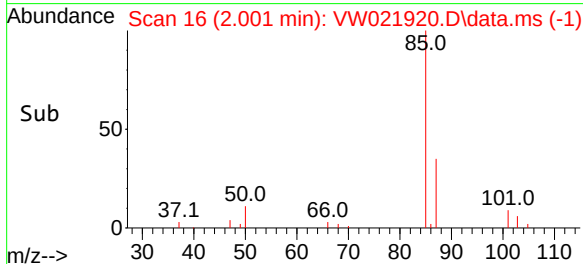
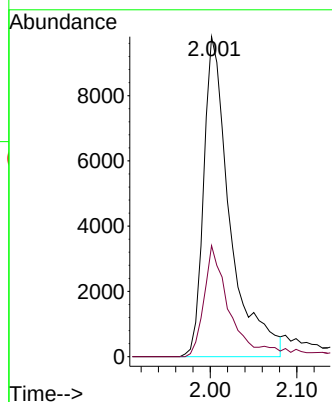
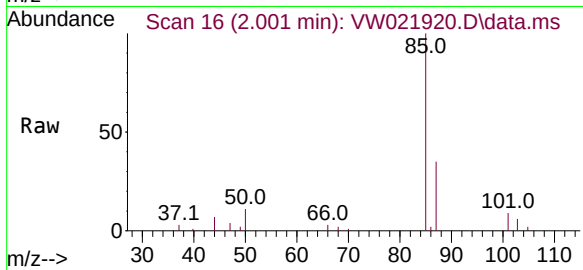




#2
Dichlorodifluoromethane
Concen: 37.190 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

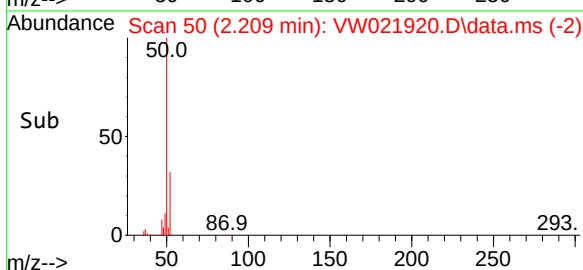
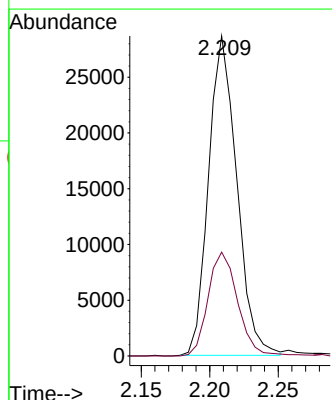
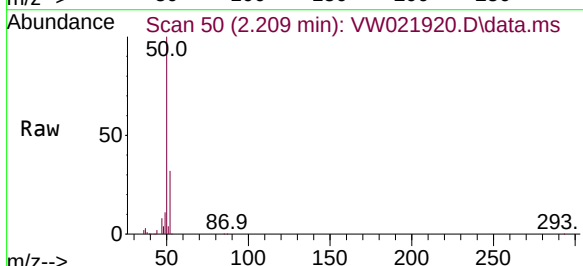
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MSVOA_W
ClientSampleId :
VSTD025537

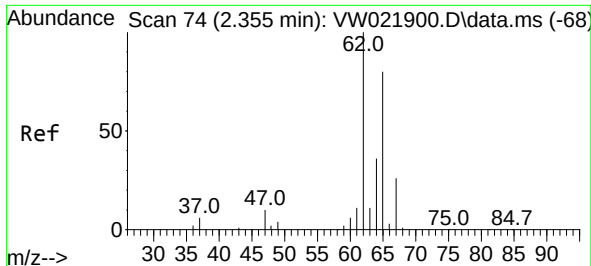
Tgt Ion: 85 Resp: 20671
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.6



#3
Chloromethane
Concen: 20.351 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 50 Resp: 41012
Ion Ratio Lower Upper
50 100
52 32.4 23.4 43.6

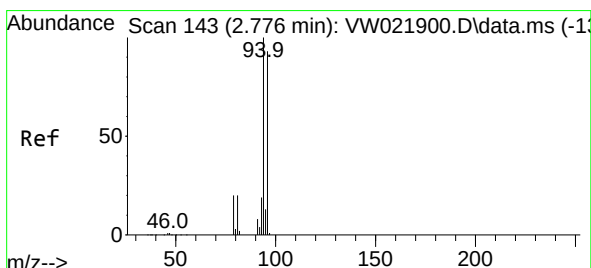
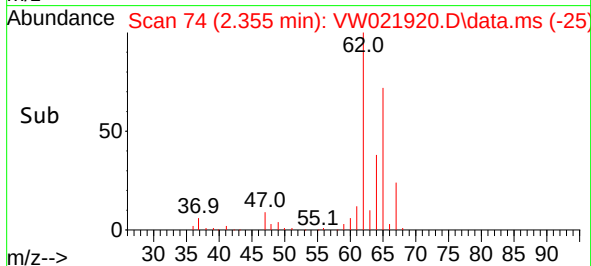
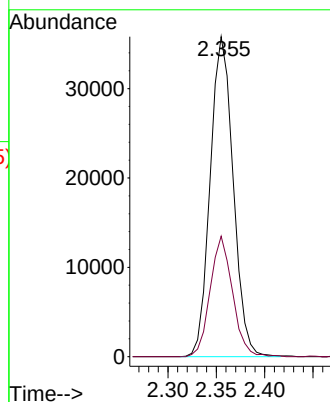
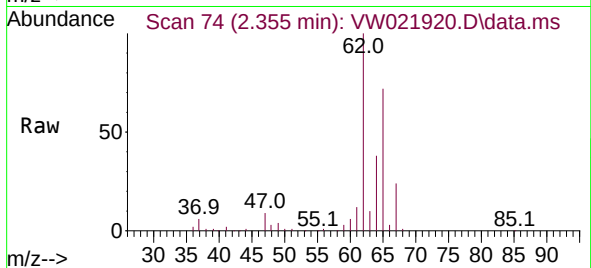




#5
 Vinyl chloride
 Concen: 20.438 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW021920.D
 Acq: 14 Jan 2022 18:04

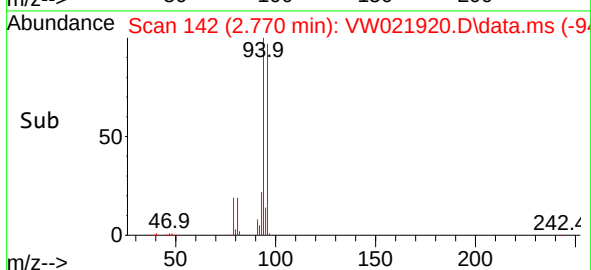
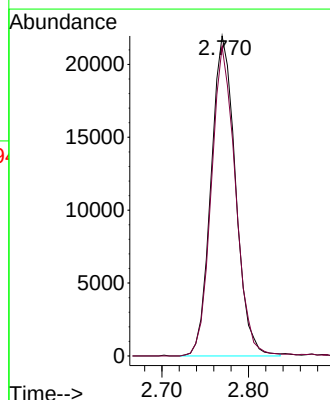
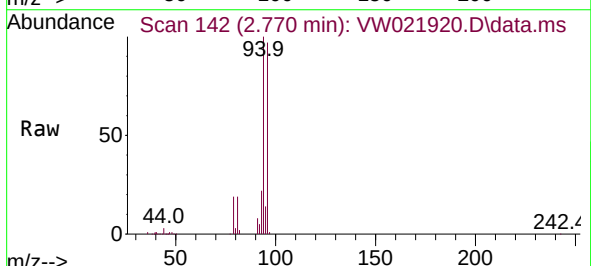
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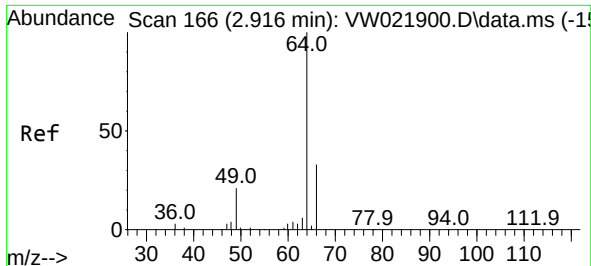
Tgt Ion: 62 Resp: 59169
 Ion Ratio Lower Upper
 62 100
 64 37.6 24.4 45.2



#6
 Bromomethane
 Concen: 21.032 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW021920.D
 Acq: 14 Jan 2022 18:04

Tgt Ion: 94 Resp: 43052
 Ion Ratio Lower Upper
 94 100
 96 96.7 64.8 120.4

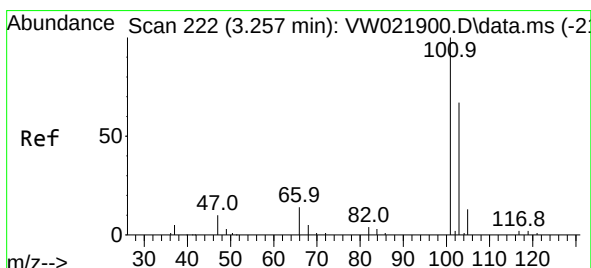
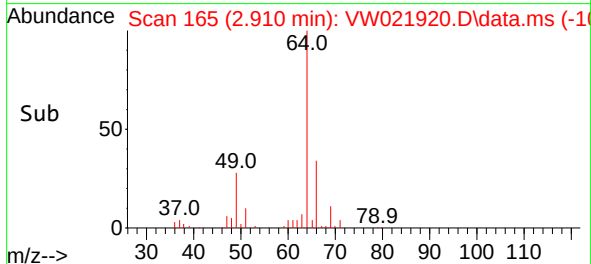
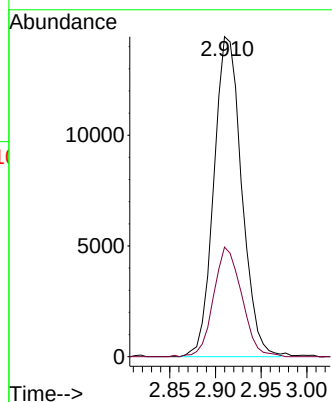
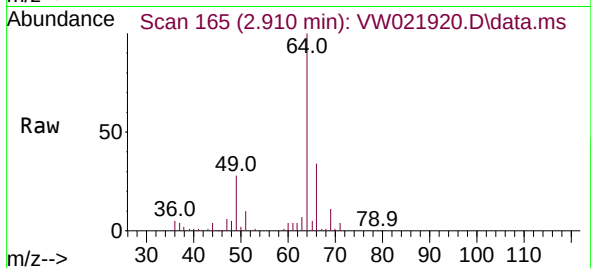




#8
Chloroethane
Concen: 17.544 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

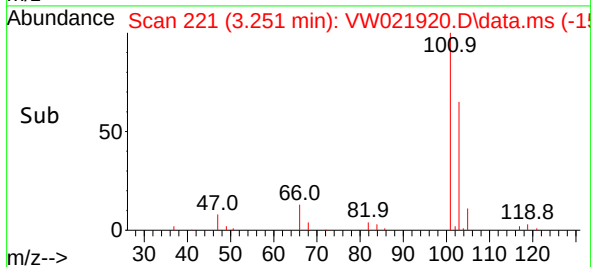
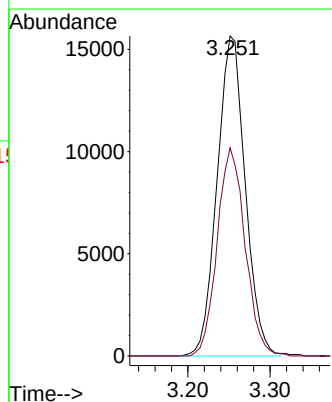
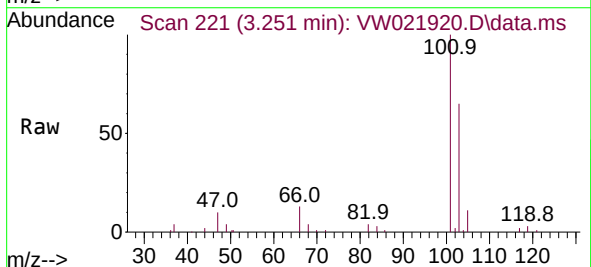
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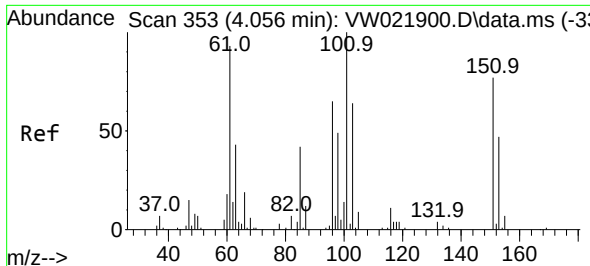
Tgt Ion: 64 Resp: 30695
Ion Ratio Lower Upper
64 100
66 34.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 17.331 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 101 Resp: 37284
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

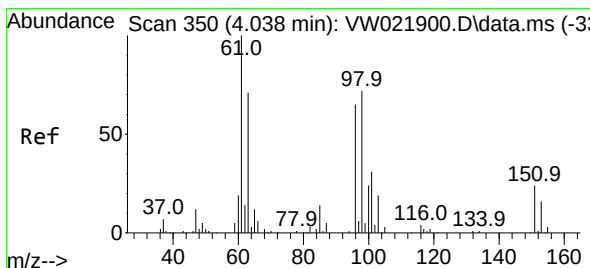
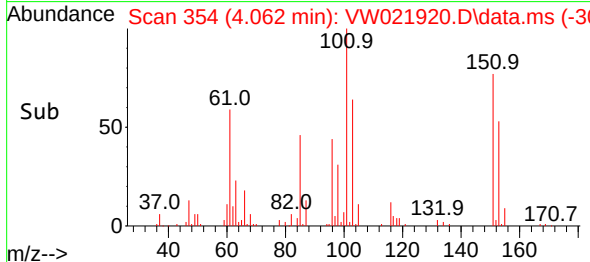
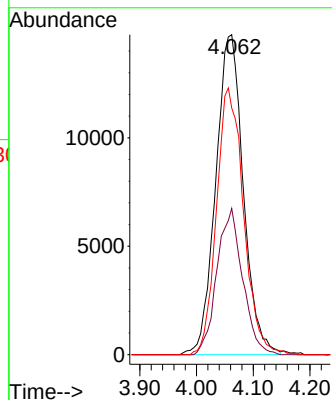
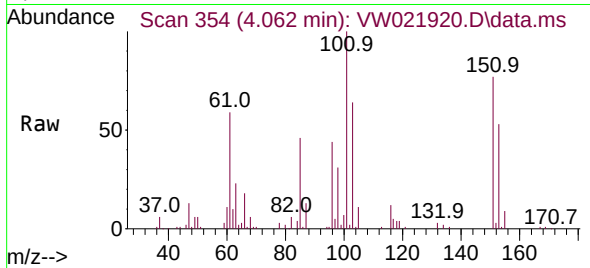




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.300 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW021920.D
 Acq: 14 Jan 2022 18:04

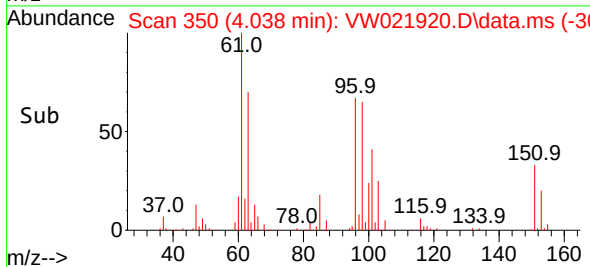
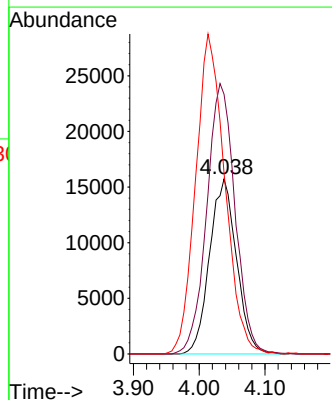
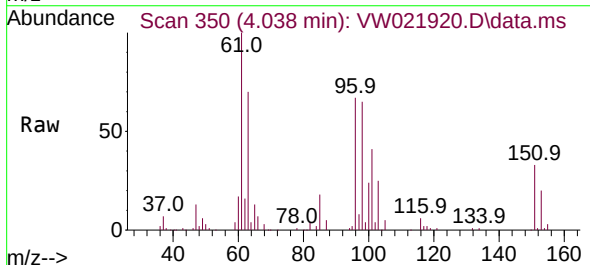
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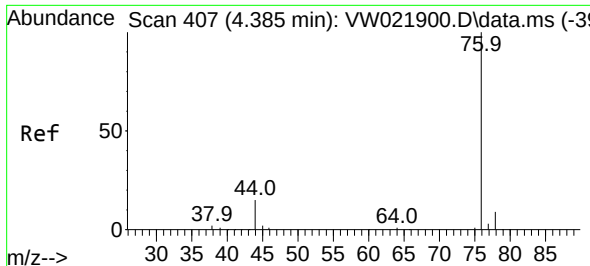
Tgt Ion:101 Resp: 49879
 Ion Ratio Lower Upper
 101 100
 85 42.5 36.6 54.8
 151 81.5 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 21.301 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021920.D
 Acq: 14 Jan 2022 18:04

Tgt Ion: 96 Resp: 44827
 Ion Ratio Lower Upper
 96 100
 61 148.3 138.3 256.9
 63 103.3 82.6 153.4

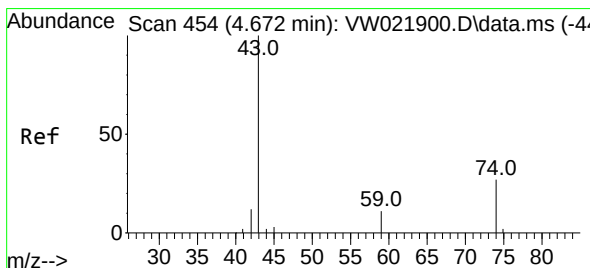
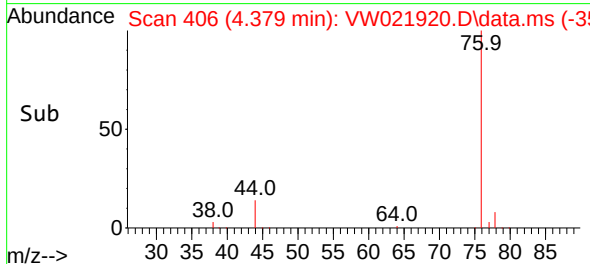
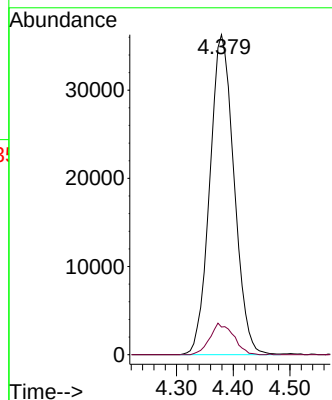
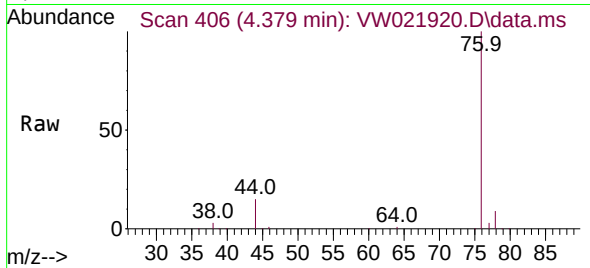




#14
Carbon disulfide
Concen: 19.592 ug/L
RT: 4.379 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

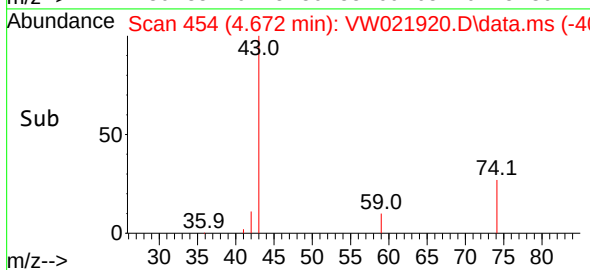
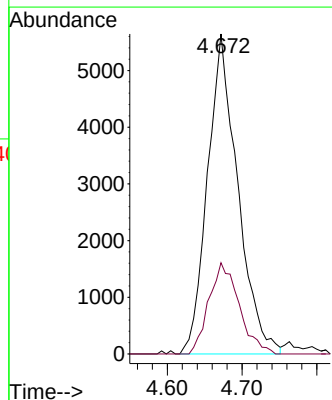
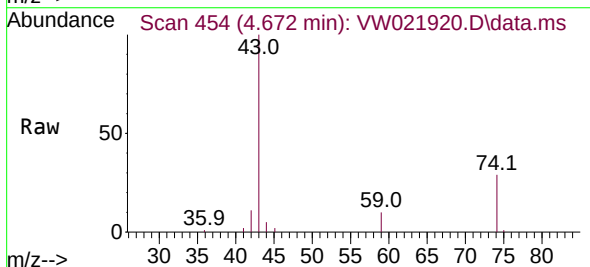
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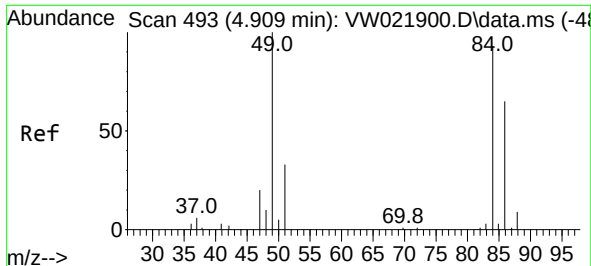
Tgt Ion: 76 Resp: 107944
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#15
Methyl Acetate
Concen: 25.656 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
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Tgt Ion: 43 Resp: 15846
Ion Ratio Lower Upper
43 100
74 28.6 16.4 24.6#

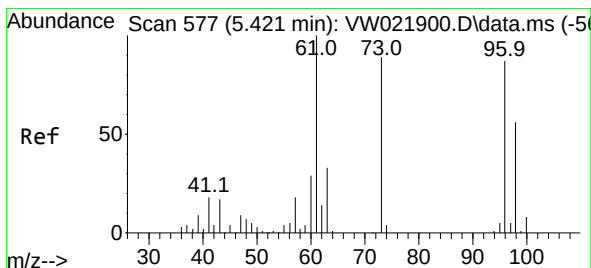
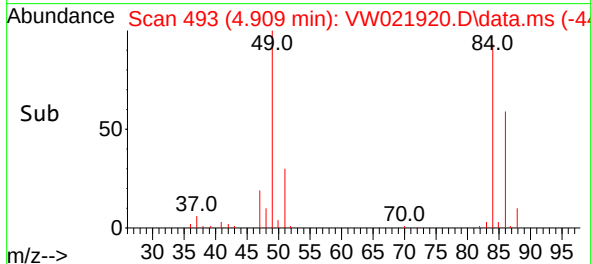
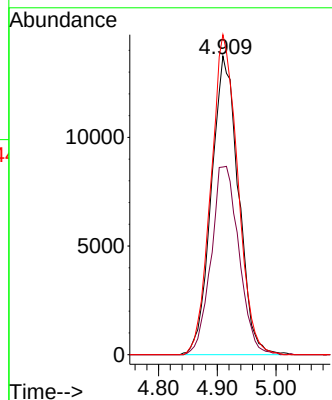
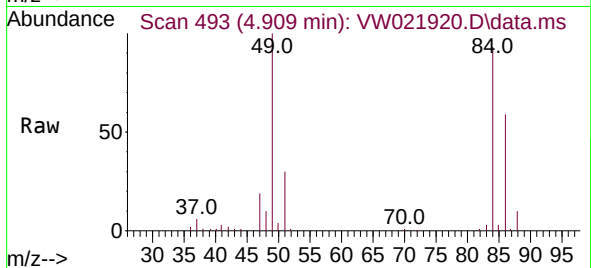




#16
Methylene chloride
Concen: 18.230 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

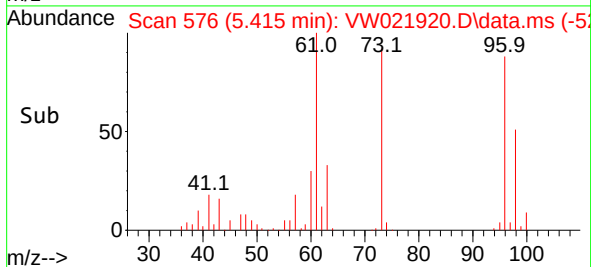
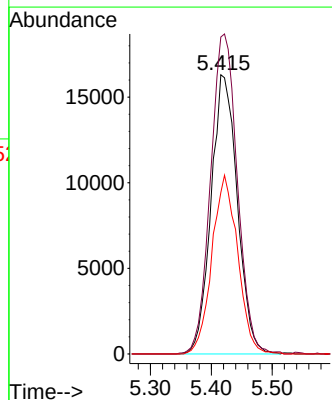
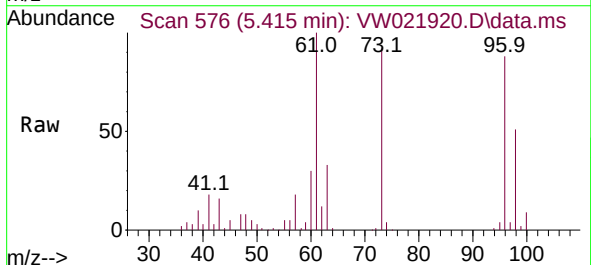
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

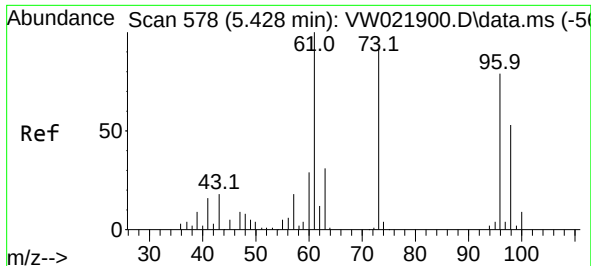
Tgt Ion: 84 Resp: 43988
Ion Ratio Lower Upper
84 100
86 62.8 45.5 84.5
49 107.2 100.5 186.7



#17
trans-1,2-Dichloroethene
Concen: 21.431 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 96 Resp: 48734
Ion Ratio Lower Upper
96 100
61 113.5 107.4 199.4
98 57.8 41.2 76.6

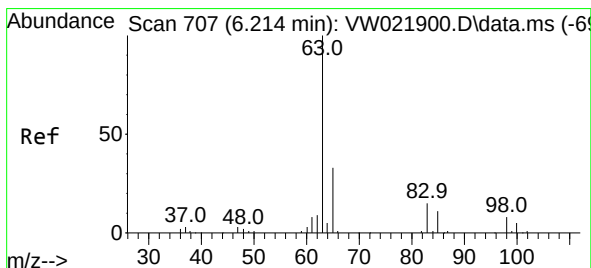
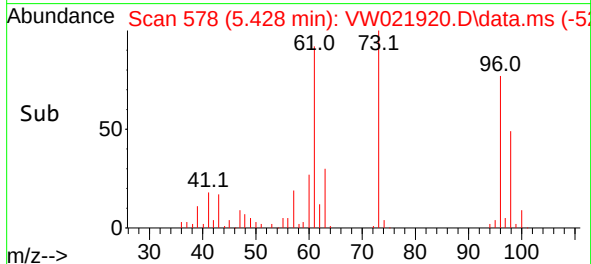
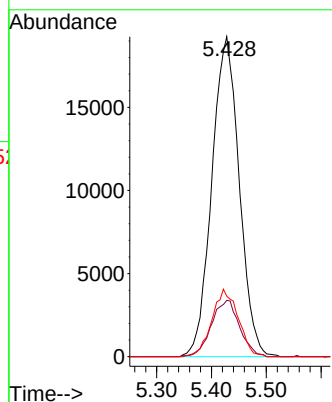
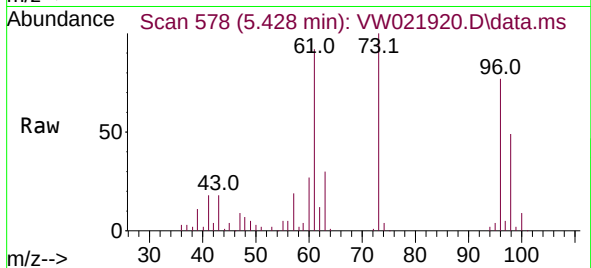




#18
Methyl tert-butyl Ether
Concen: 23.069 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

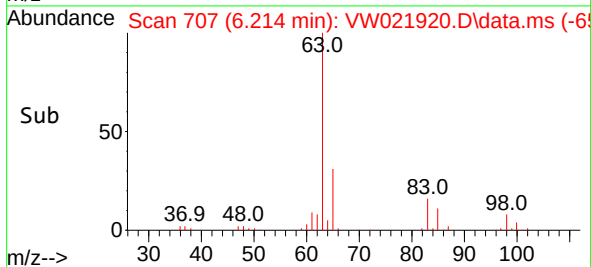
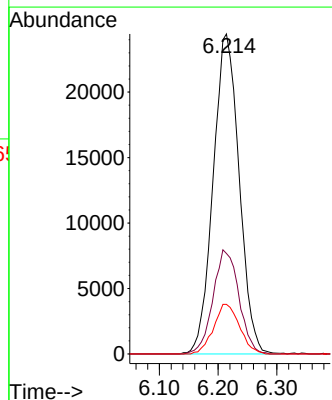
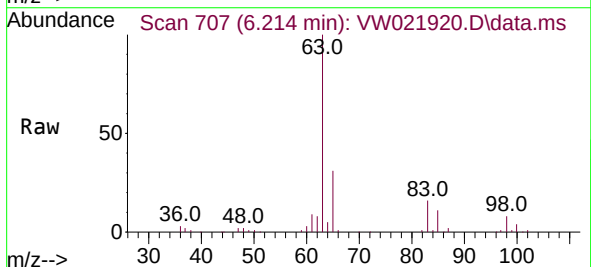
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

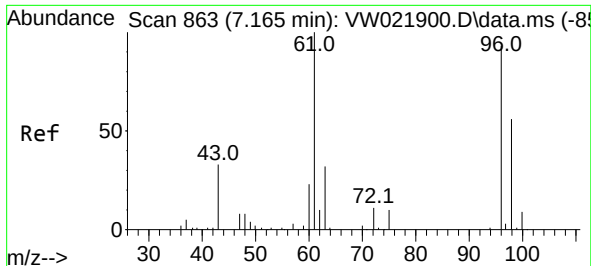
Tgt Ion: 73 Resp: 66898
Ion Ratio Lower Upper
73 100
43 18.1 19.5 29.3#
57 20.2 19.3 28.9



#19
1,1-Dichloroethane
Concen: 22.513 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 63 Resp: 75079
Ion Ratio Lower Upper
63 100
65 31.4 22.1 41.1
83 15.5 9.2 17.2

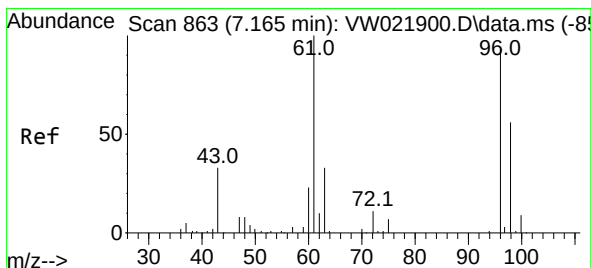
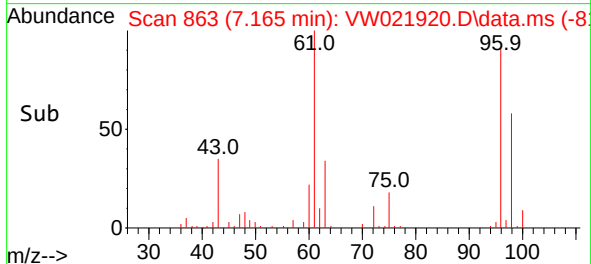
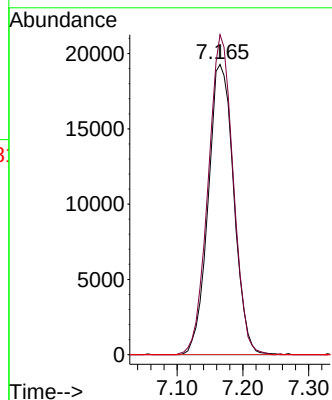
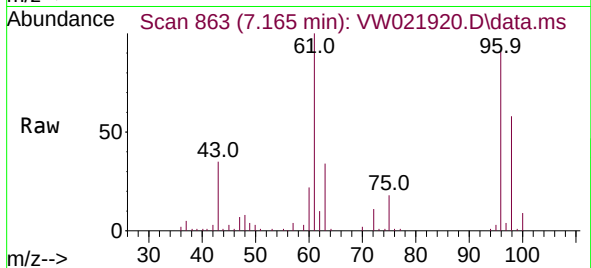




#20
 cis-1,2-Dichloroethene
 Concen: 22.303 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW021920.D
 Acq: 14 Jan 2022 18:04

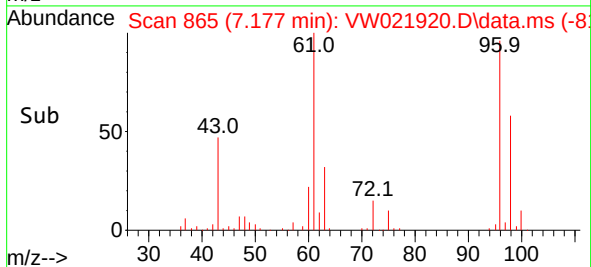
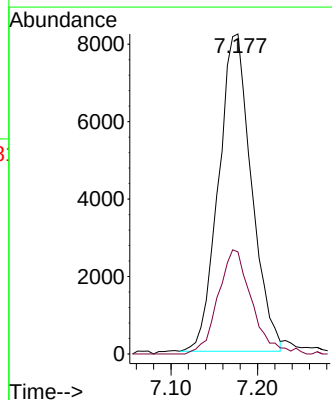
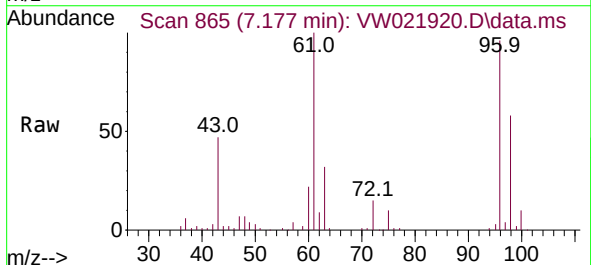
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

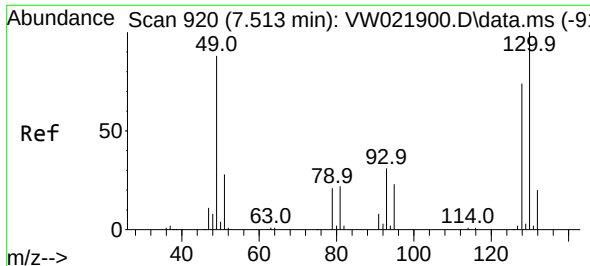
Tgt Ion: 96 Resp: 52175
 Ion Ratio Lower Upper
 96 100
 61 110.2 103.7 192.7
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 55.544 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.012 min
 Lab File: VW021920.D
 Acq: 14 Jan 2022 18:04

Tgt Ion: 43 Resp: 21696
 Ion Ratio Lower Upper
 43 100
 72 33.2 11.8 35.4

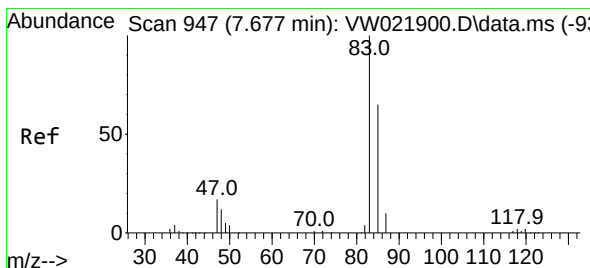
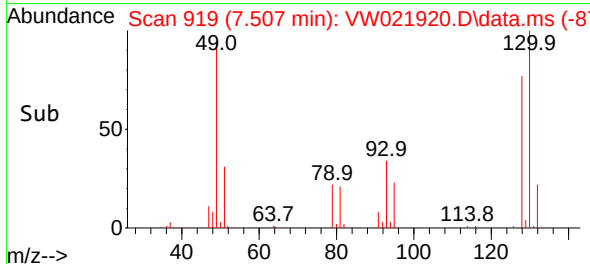
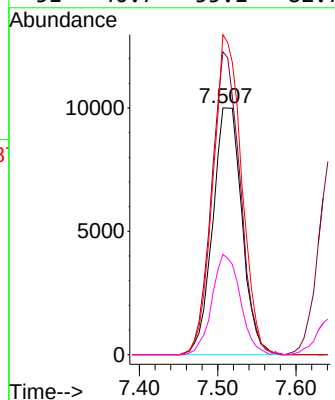
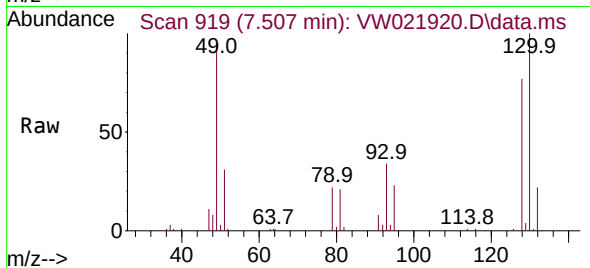




#23
Bromochloromethane
Concen: 22.315 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

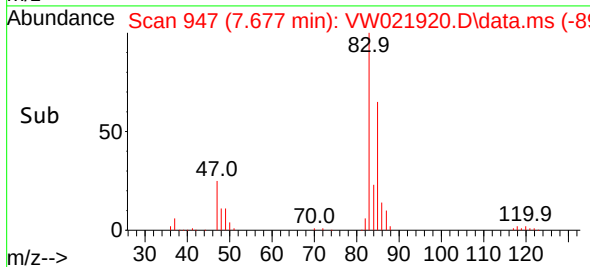
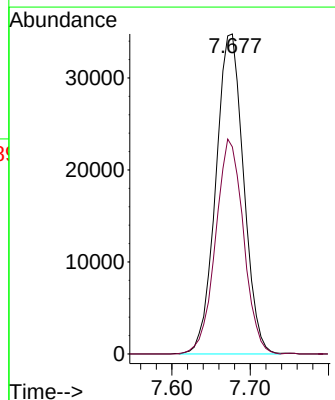
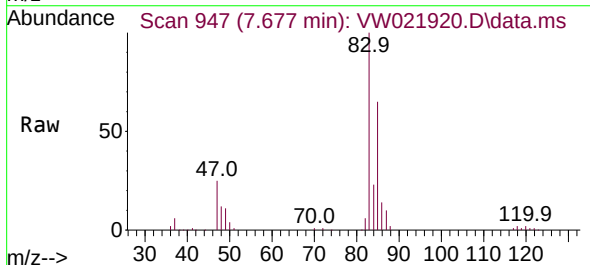
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

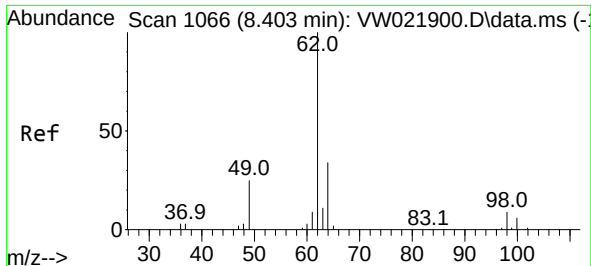
Tgt Ion:128 Resp: 25975
Ion Ratio Lower Upper
128 100
49 122.8 150.3 279.1#
130 129.7 88.3 163.9
51 40.7 55.1 82.7#



#25
Chloroform
Concen: 21.773 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 83 Resp: 85914
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7





#27

1,2-Dichloroethane

Concen: 22.454 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

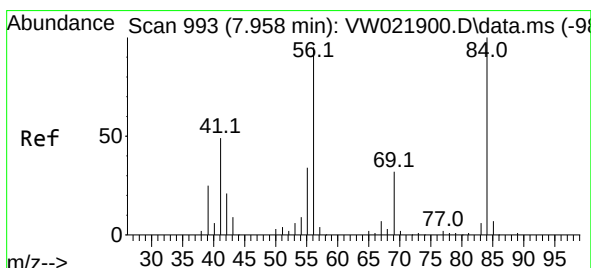
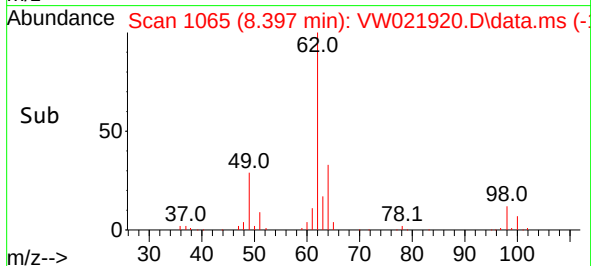
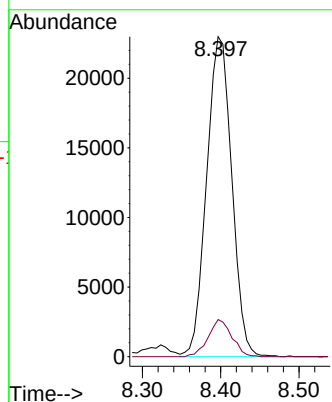
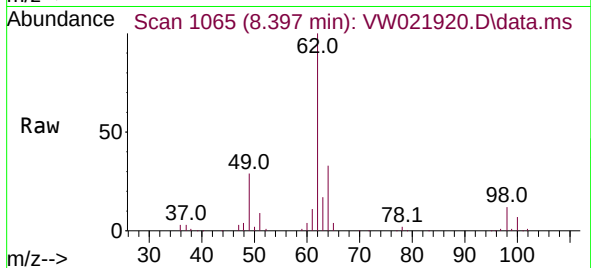
VSTD025537

Tgt Ion: 62 Resp: 51308

Ion Ratio Lower Upper

62 100

98 11.6 6.5 9.7#



#29

Cyclohexane

Concen: 21.927 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

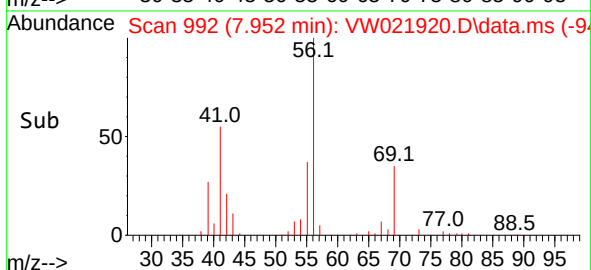
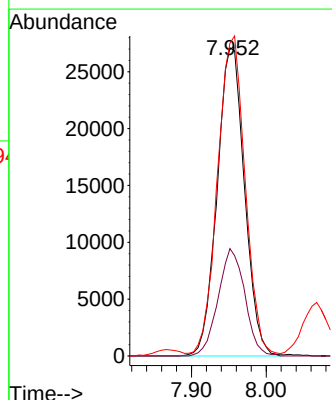
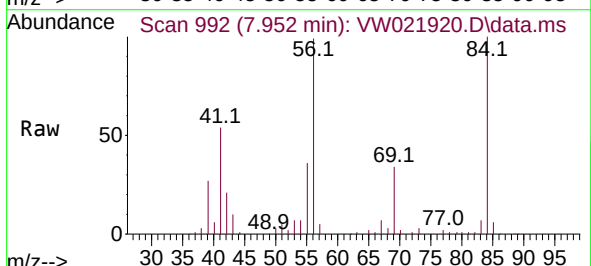
Tgt Ion: 56 Resp: 69096

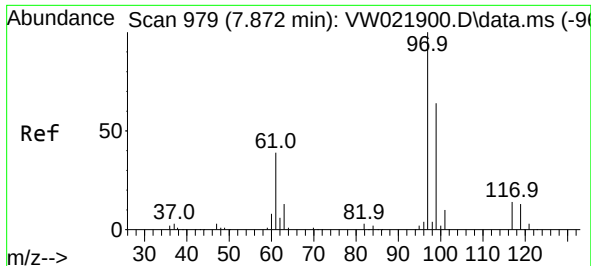
Ion Ratio Lower Upper

56 100

69 33.9 23.5 35.3

84 105.1 63.4 95.2#

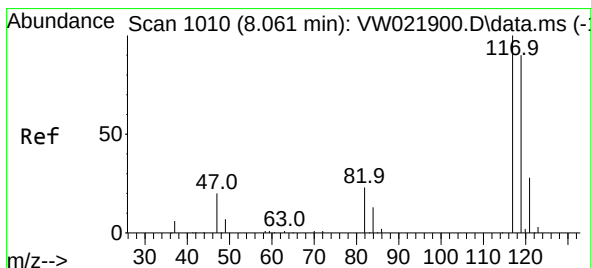
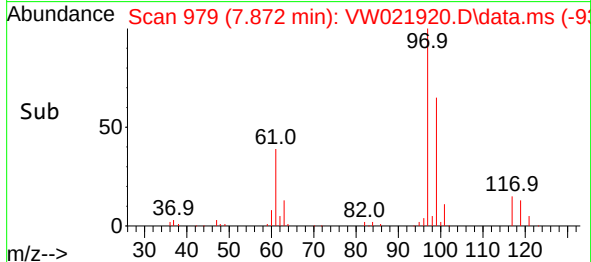
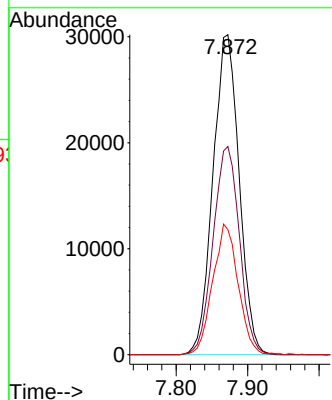
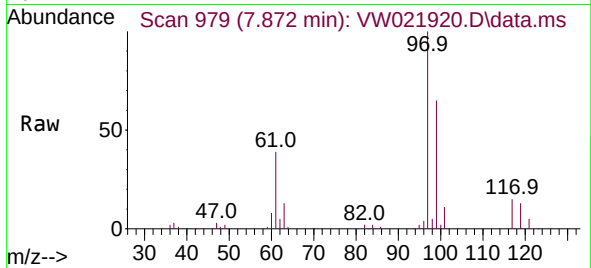




#30
1,1,1-Trichloroethane
Concen: 21.044 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

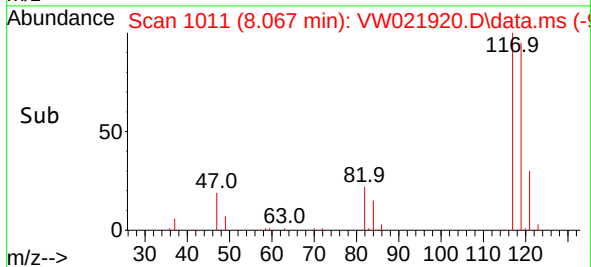
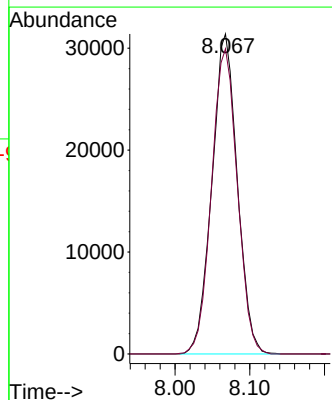
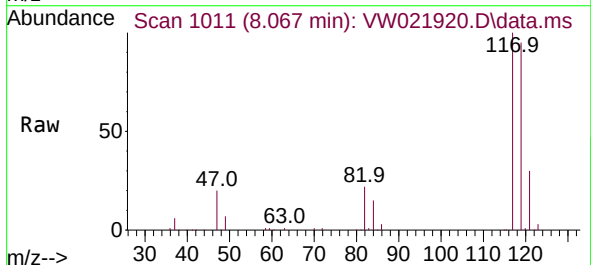
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

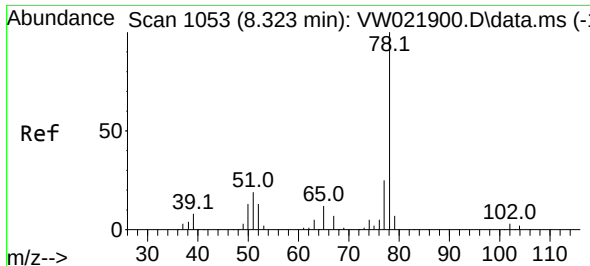
Tgt Ion: 97 Resp: 76836
Ion Ratio Lower Upper
97 100
99 65.3 51.6 77.4
61 39.5 40.9 61.3#



#31
Carbon tetrachloride
Concen: 20.931 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 117 Resp: 74058
Ion Ratio Lower Upper
117 100
119 97.0 75.7 113.5

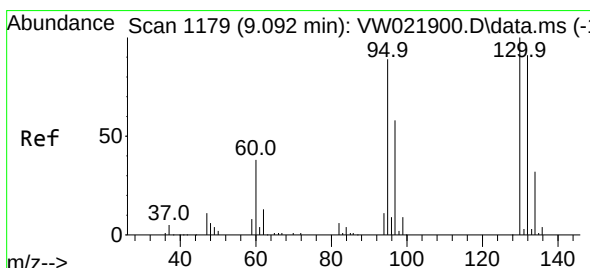
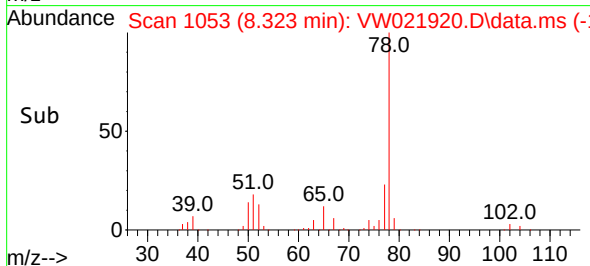
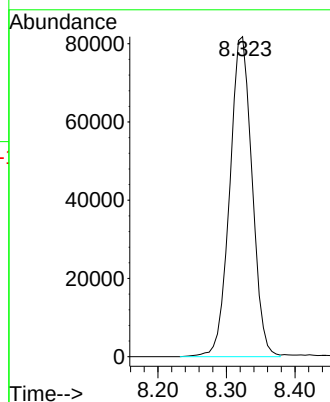
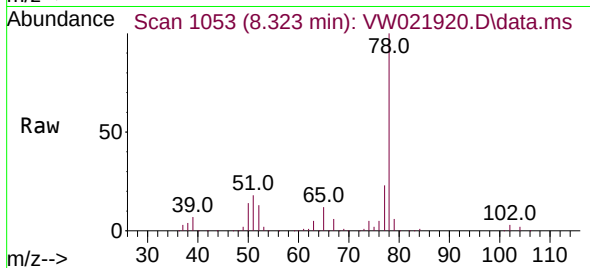




#33
Benzene
Concen: 21.474 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

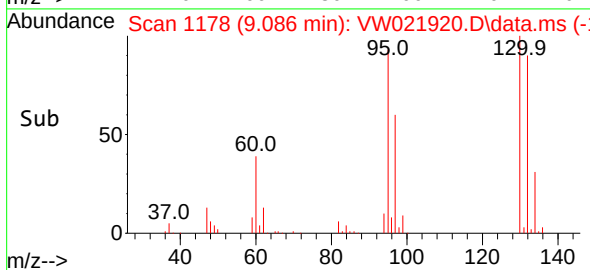
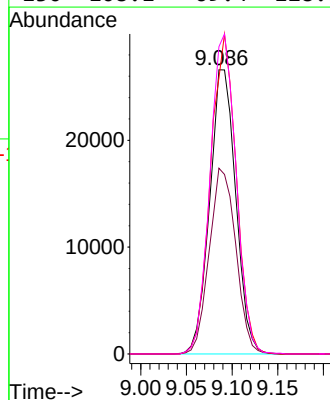
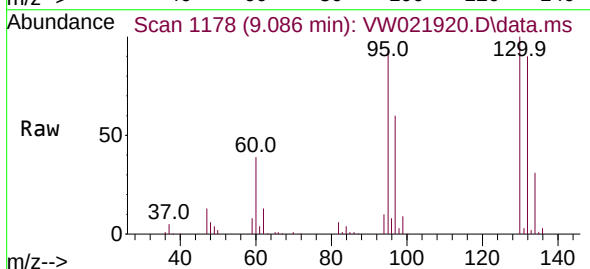
Tgt Ion: 78 Resp: 185481

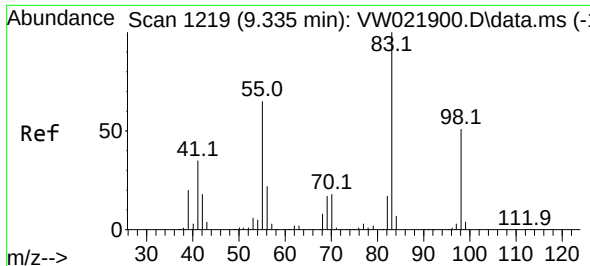


#34
Trichloroethene
Concen: 21.127 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 95 Resp: 52943

Ion	Ratio	Lower	Upper
95	100		
97	65.4	47.0	87.2
132	97.1	65.5	121.6
130	108.1	69.4	128.8

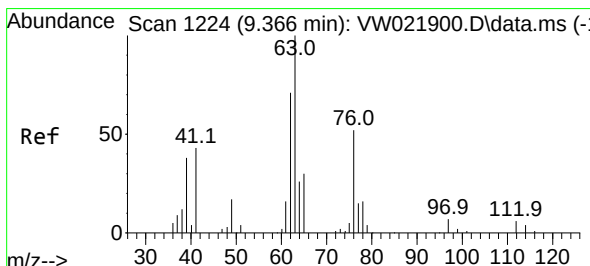
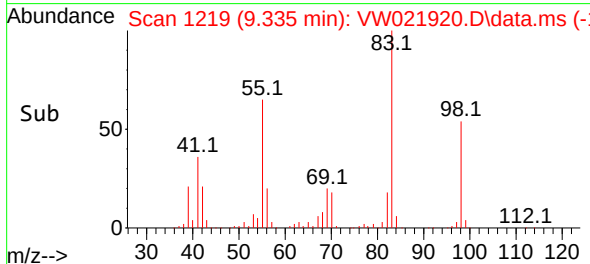
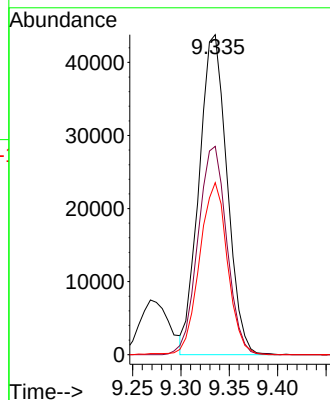
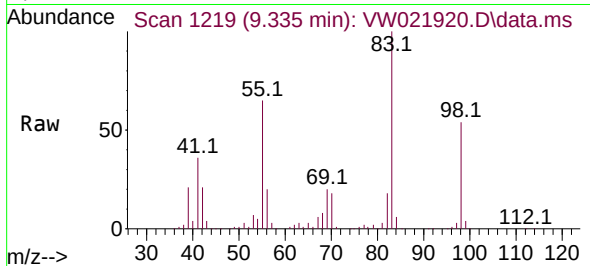




#35
Methylcyclohexane
Concen: 21.419 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

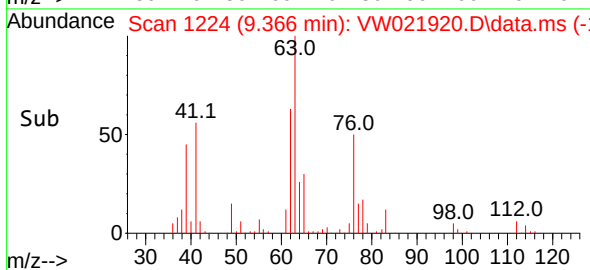
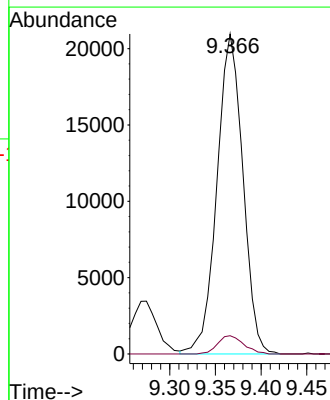
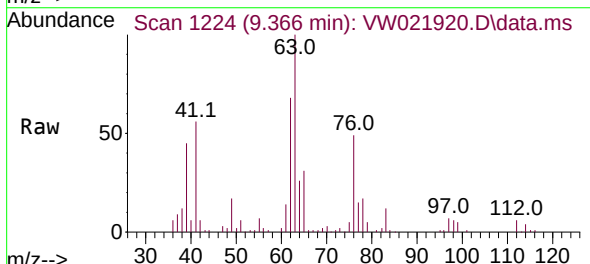
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

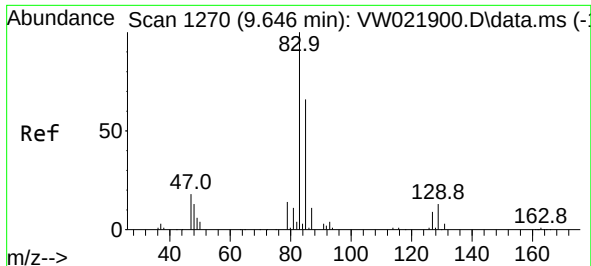
Tgt Ion: 83 Resp: 88264
Ion Ratio Lower Upper
83 100
55 66.7 70.8 106.2#
98 53.7 37.7 56.5



#37
1,2-Dichloropropane
Concen: 21.990 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 63 Resp: 41379
Ion Ratio Lower Upper
63 100
112 5.7 3.2 4.8#

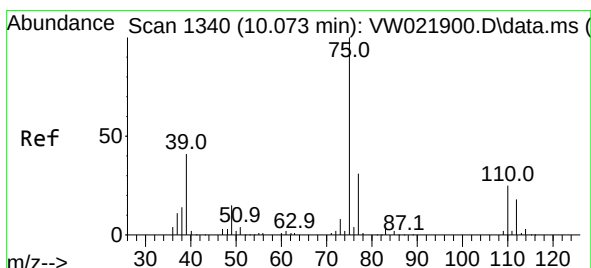
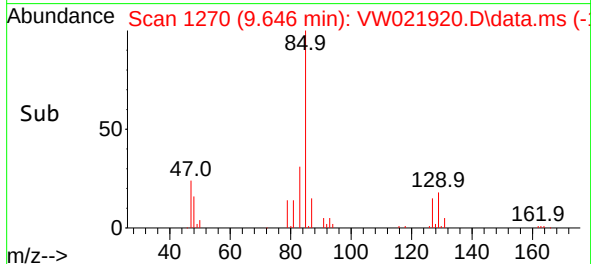
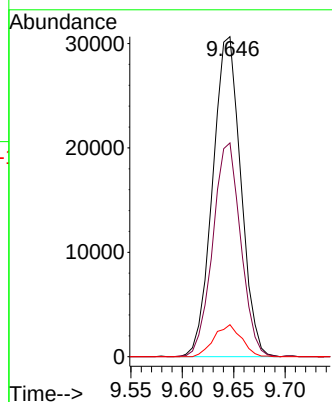
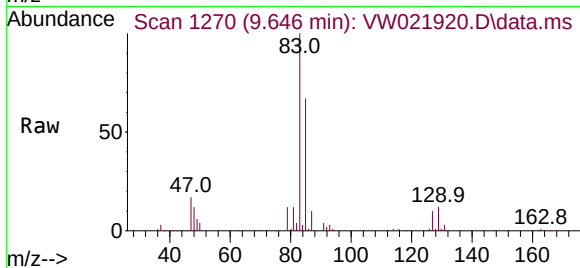




#38
Bromodichloromethane
Concen: 22.232 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

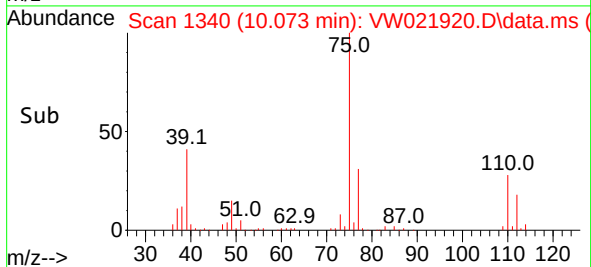
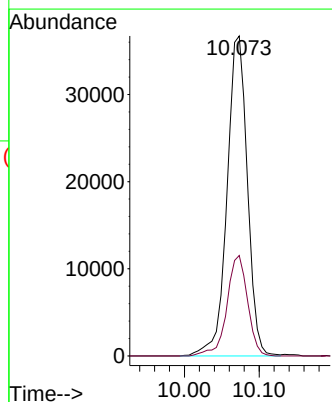
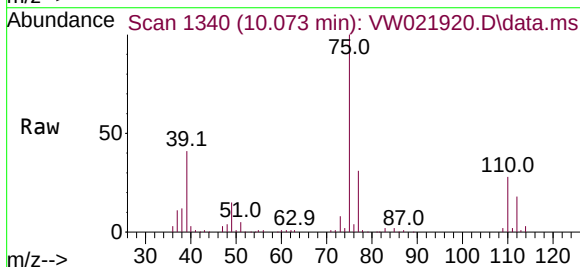
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

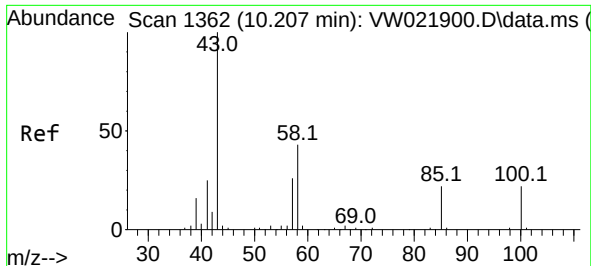
Tgt Ion: 83 Resp: 58398
Ion Ratio Lower Upper
83 100
85 66.8 44.1 81.9
127 10.0 6.1 9.1#



#39
cis-1,3-Dichloropropene
Concen: 23.788 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 75 Resp: 69552
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 54.067 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

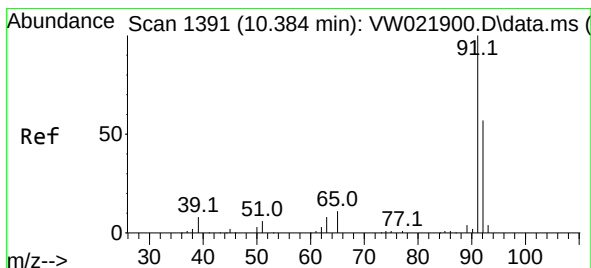
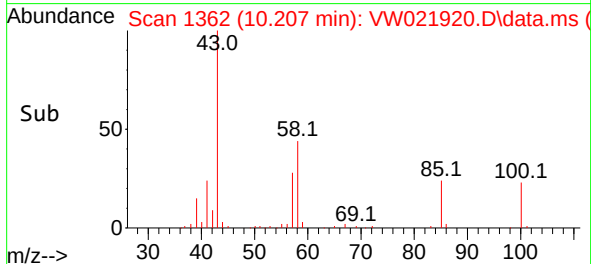
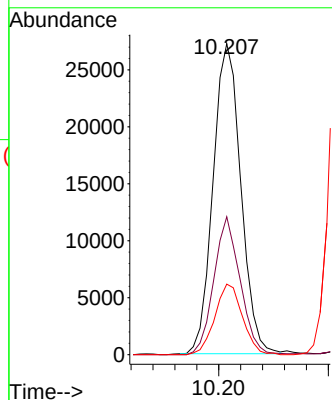
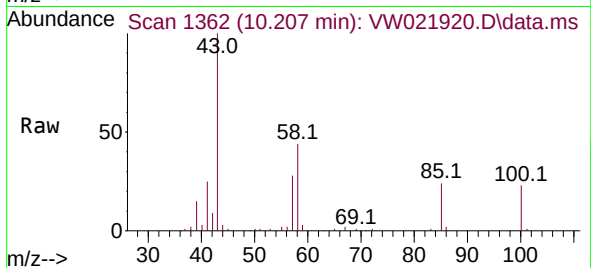
Tgt Ion: 43 Resp: 47791

Ion Ratio Lower Upper

43 100

58 42.2 28.8 43.2

100 22.7 10.0 15.0#



#42

Toluene

Concen: 22.086 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW021920.D

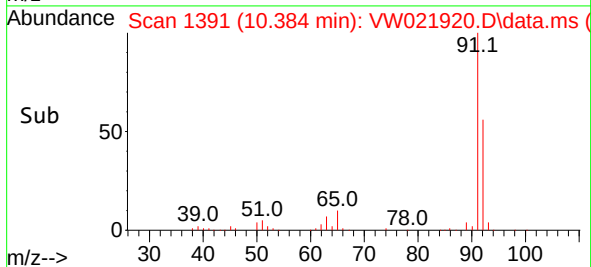
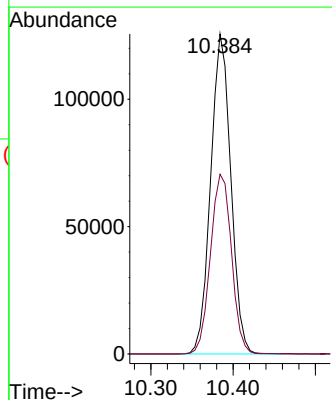
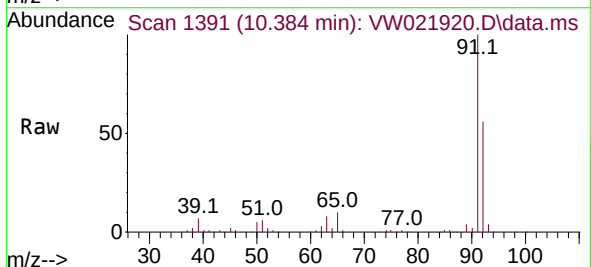
Acq: 14 Jan 2022 18:04

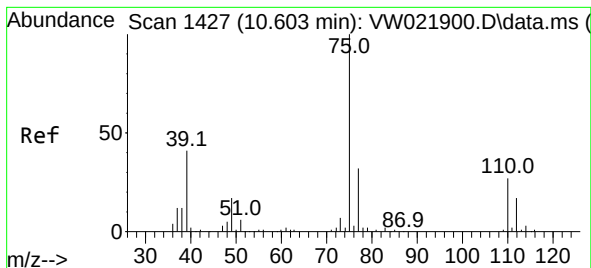
Tgt Ion: 91 Resp: 213960

Ion Ratio Lower Upper

91 100

92 56.2 41.7 77.5





#44

trans-1,3-Dichloropropene

Concen: 24.182 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

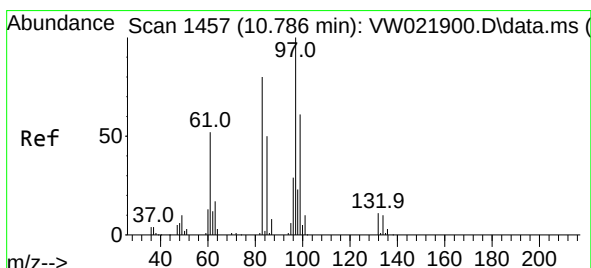
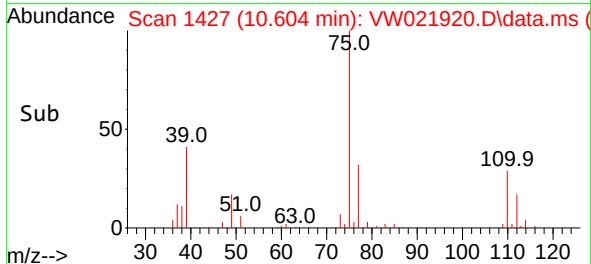
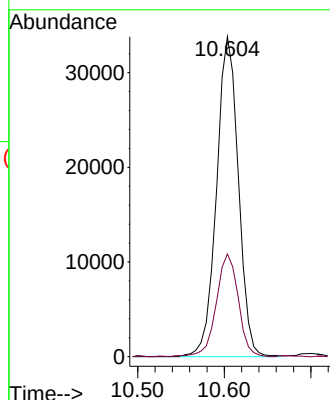
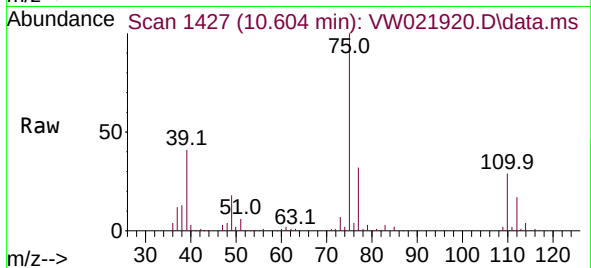
VSTD025537

Tgt Ion: 75 Resp: 59178

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2



#45

1,1,2-Trichloroethane

Concen: 22.821 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

Tgt Ion: 97 Resp: 36458

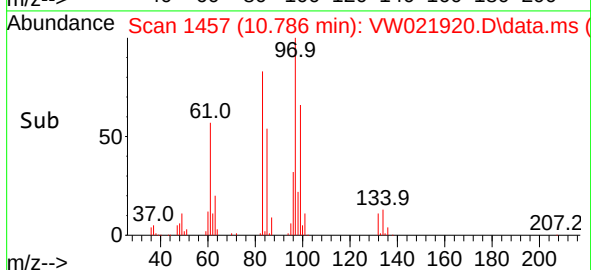
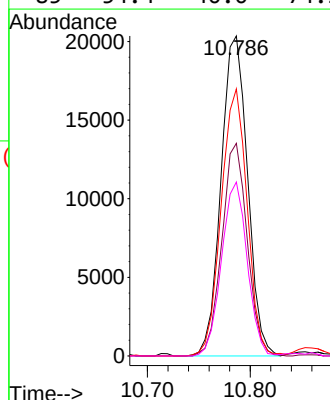
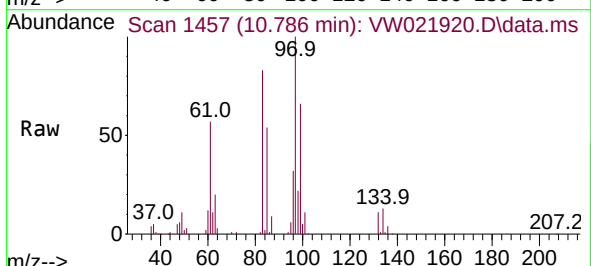
Ion Ratio Lower Upper

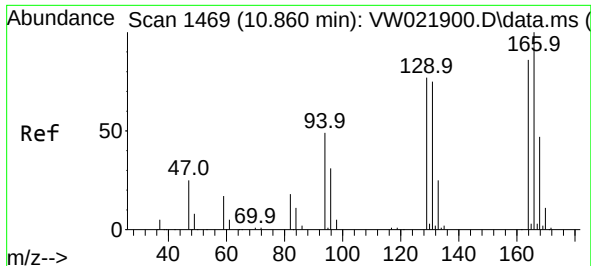
97 100

99 66.4 43.0 79.8

83 83.5 62.6 116.3

85 54.4 40.0 74.2



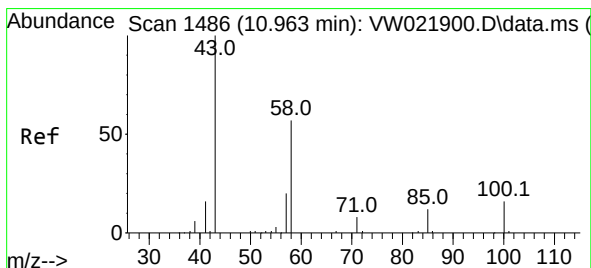
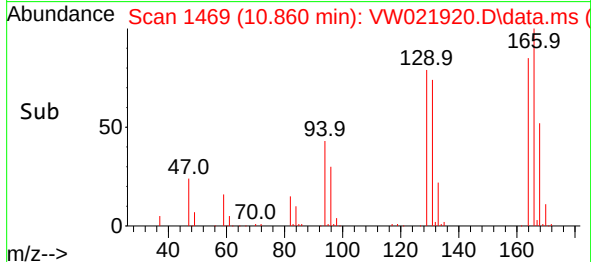
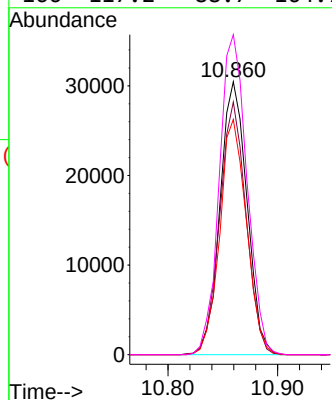
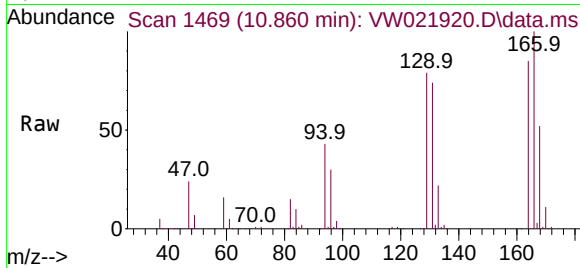


#46
Tetrachloroethene
Concen: 20.959 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

Tgt Ion:164 Resp: 51936

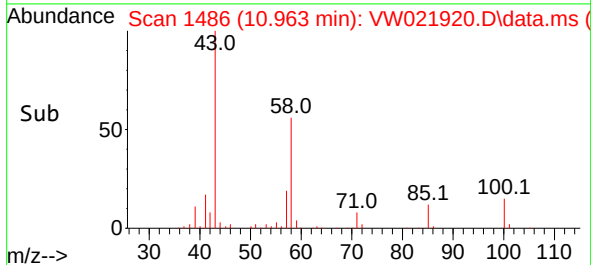
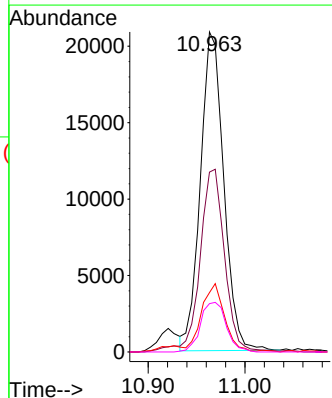
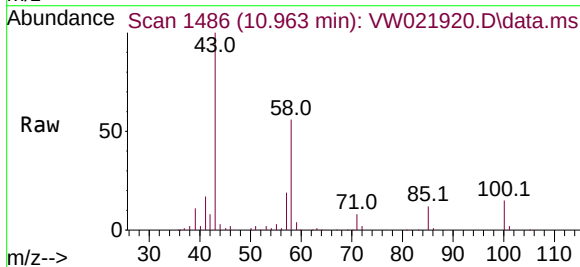
Ion	Ratio	Lower	Upper
164	100		
129	92.5	65.5	121.7
131	86.2	59.7	110.9
166	117.2	88.7	164.7

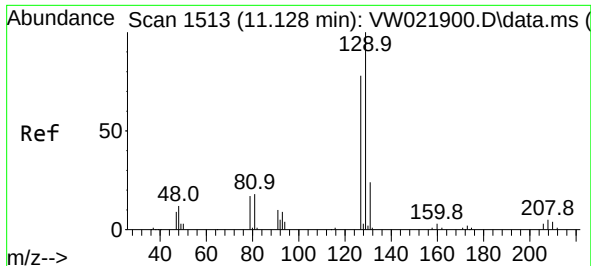


#48
2-Hexanone
Concen: 58.010 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 43 Resp: 35084

Ion	Ratio	Lower	Upper
43	100		
58	58.8	40.2	60.2
57	21.0	14.3	21.5
100	17.2	8.0	12.0





#49

Dibromochloromethane

Concen: 23.290 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

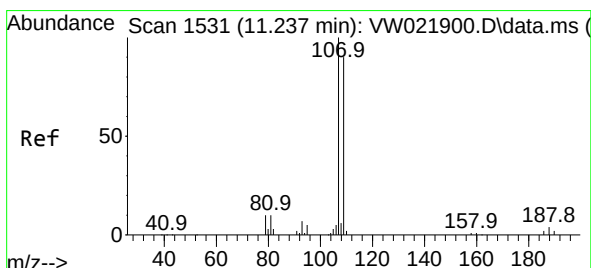
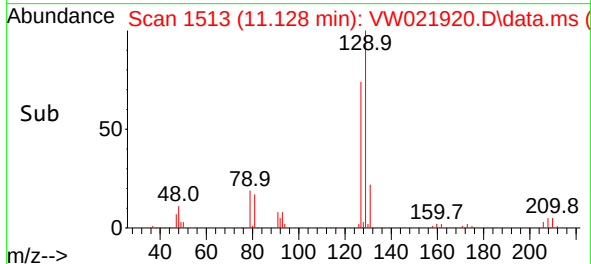
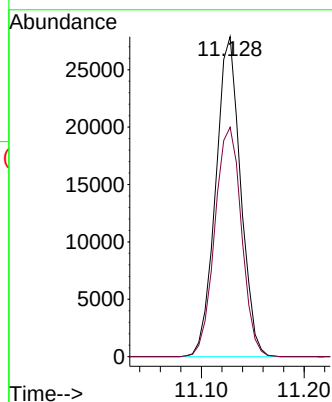
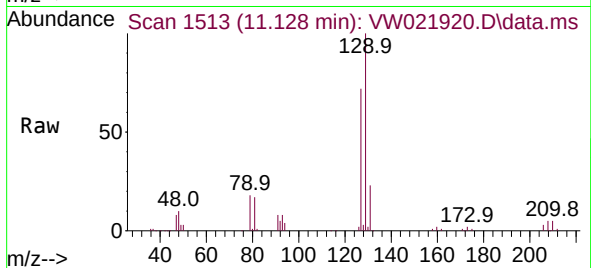
VSTD025537

Tgt Ion:129 Resp: 46884

Ion Ratio Lower Upper

129 100

127 71.7 55.7 103.5



#50

1,2-Dibromoethane

Concen: 24.131 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

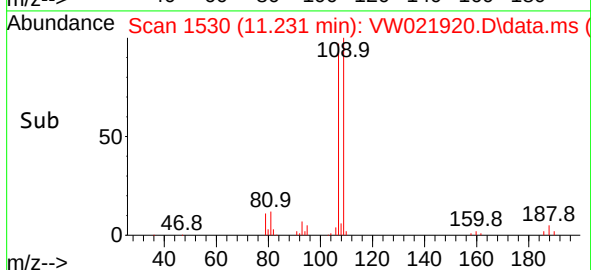
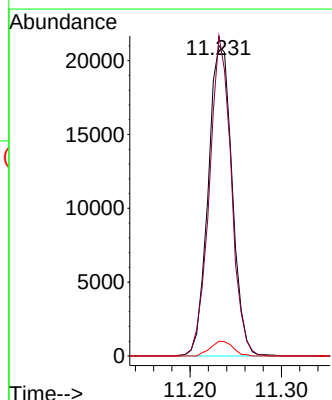
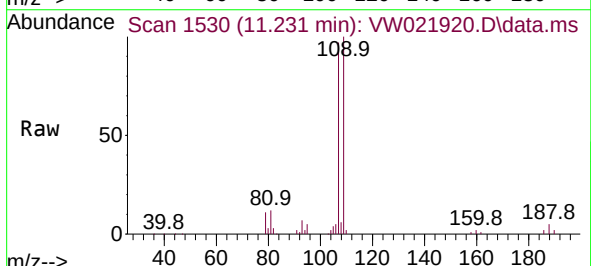
Tgt Ion:107 Resp: 38267

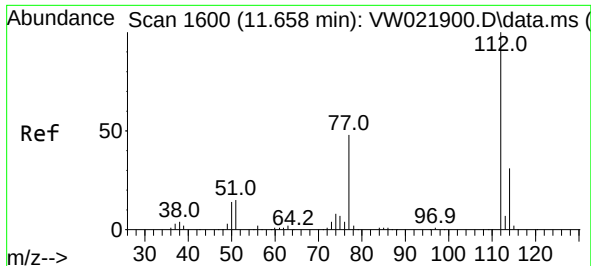
Ion Ratio Lower Upper

107 100

109 103.2 64.1 119.1

188 4.7 2.6 3.8#

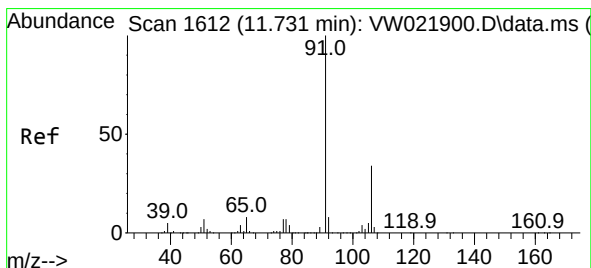
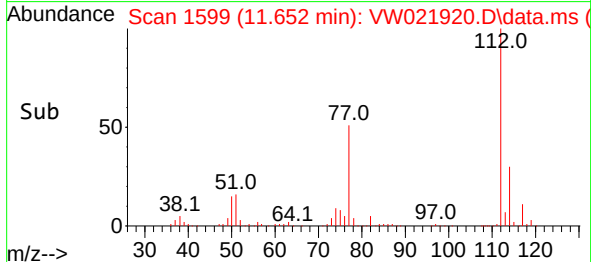
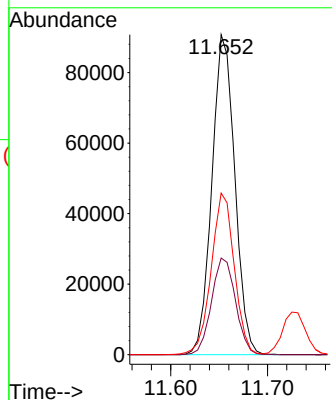
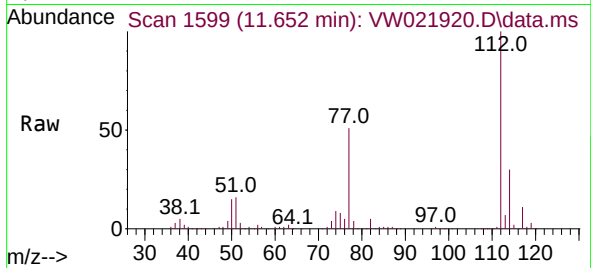




#51
Chlorobenzene
Concen: 21.833 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

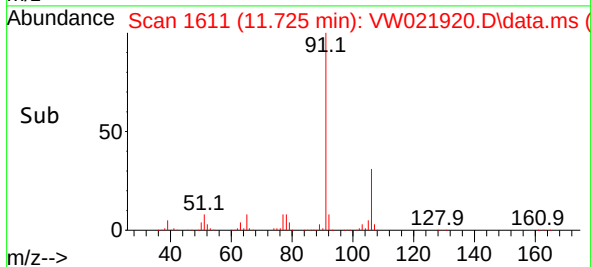
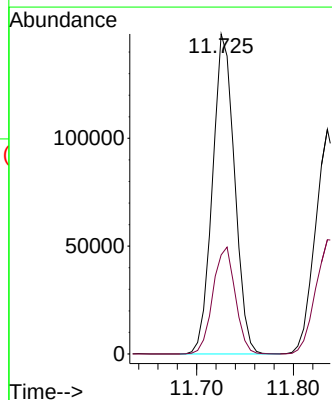
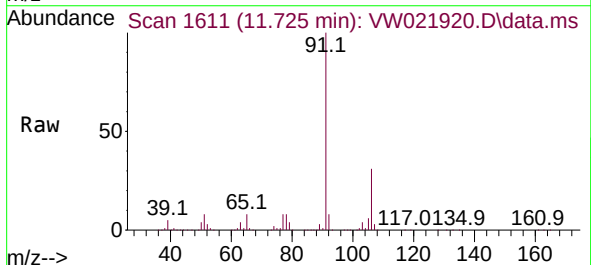
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

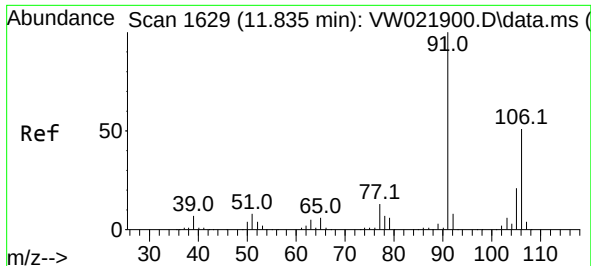
Tgt Ion:112 Resp: 149334
Ion Ratio Lower Upper
112 100
114 30.2 22.4 41.6
77 50.5 50.2 75.4



#52
Ethylbenzene
Concen: 21.877 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 91 Resp: 235435
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9

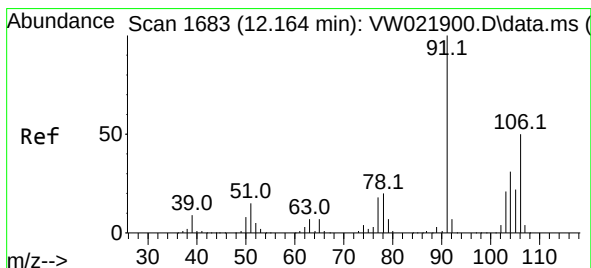
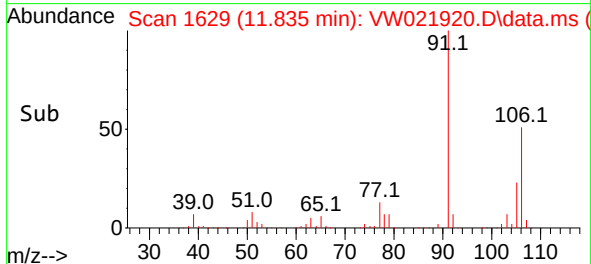
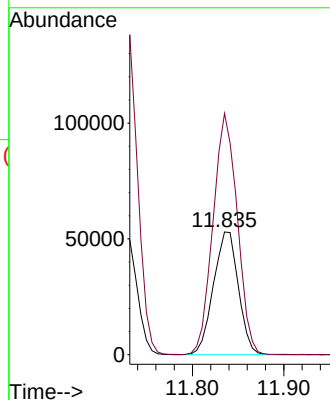
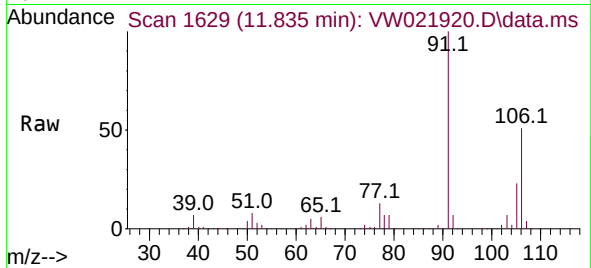




#53
m,p-Xylene
Concen: 22.343 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

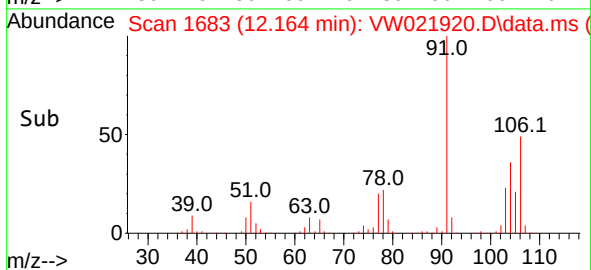
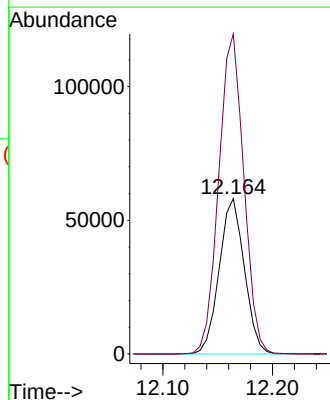
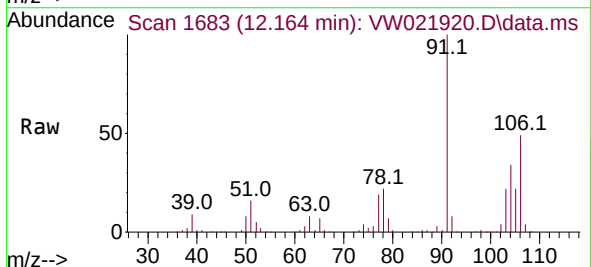
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

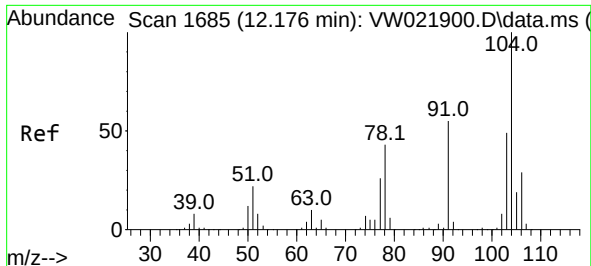
Tgt Ion:106 Resp: 100541
Ion Ratio Lower Upper
106 100
91 196.5 149.9 278.3



#54
o-Xylene
Concen: 22.178 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion:106 Resp: 92653
Ion Ratio Lower Upper
106 100
91 205.9 153.6 285.3

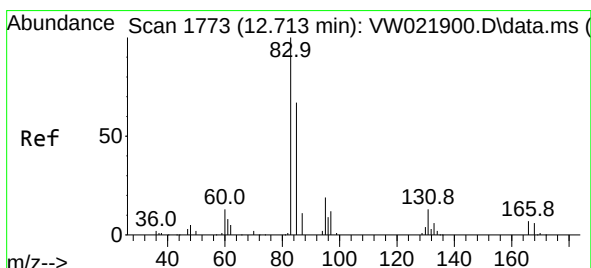
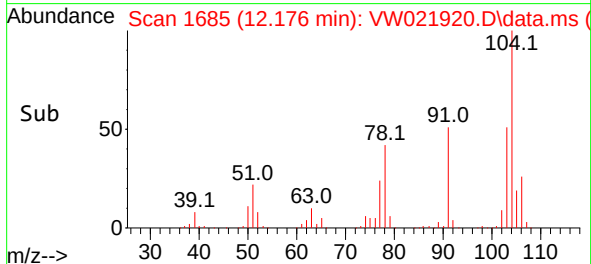
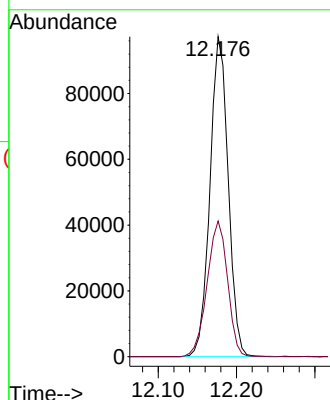
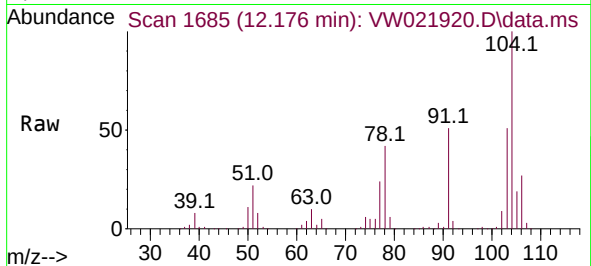




#55
Styrene
Concen: 22.816 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

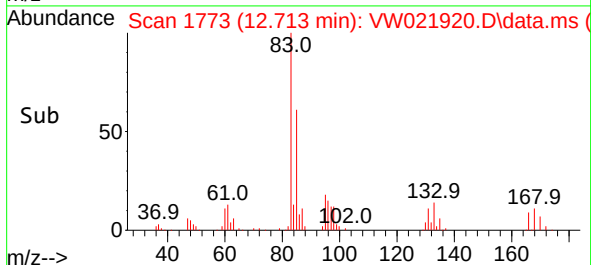
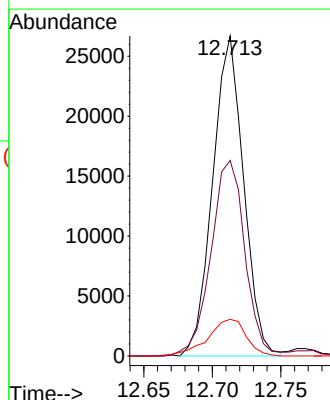
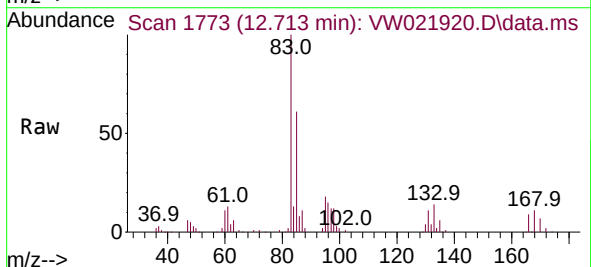
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

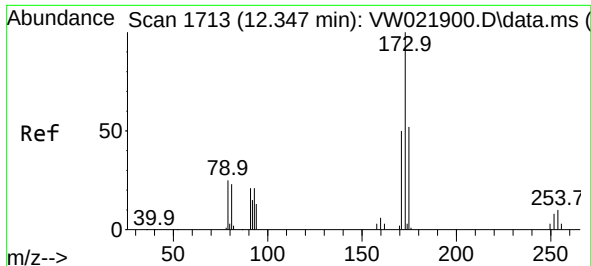
Tgt Ion:104 Resp: 157365
Ion Ratio Lower Upper
104 100
78 42.4 34.4 64.0



#57
1,1,2,2-Tetrachloroethane
Concen: 24.368 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion: 83 Resp: 41886
Ion Ratio Lower Upper
83 100
85 61.1 44.0 81.6
131 11.4 6.9 10.3#

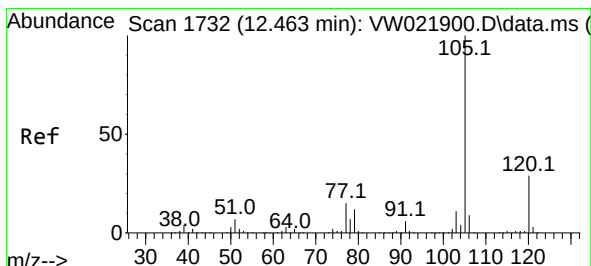
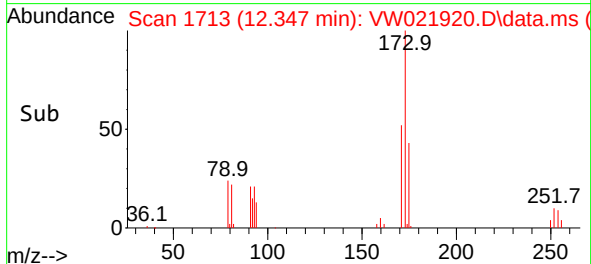
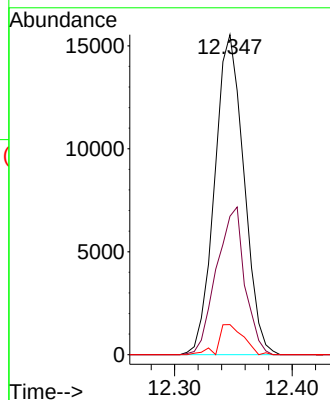
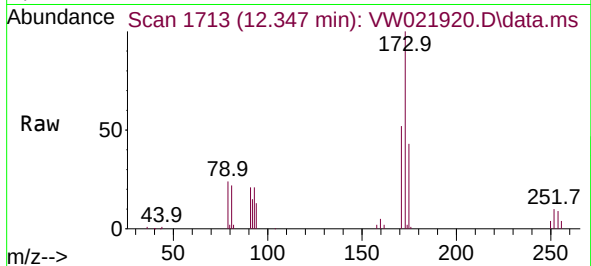




#59
Bromoform
Concen: 22.705 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

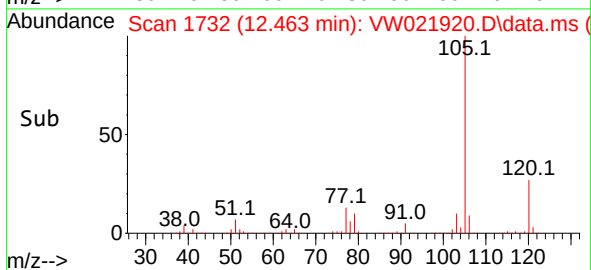
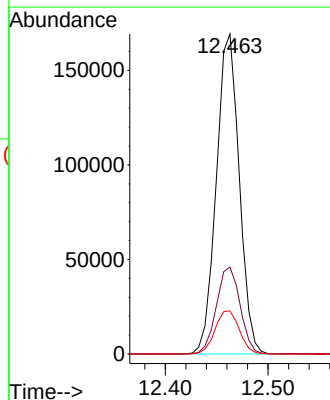
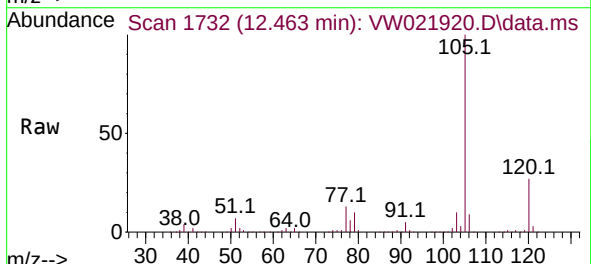
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

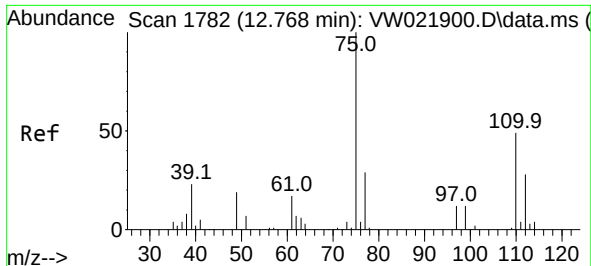
Tgt Ion:173 Resp: 26859
Ion Ratio Lower Upper
173 100
175 44.7 39.6 59.4
254 7.2 7.4 11.0#



#60
Isopropylbenzene
Concen: 22.150 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion:105 Resp: 261705
Ion Ratio Lower Upper
105 100
120 28.1 20.1 30.1
77 14.3 13.8 20.8





#61

1,2,3-Trichloropropane

Concen: 24.731 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

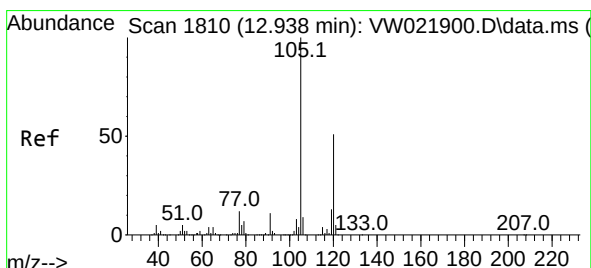
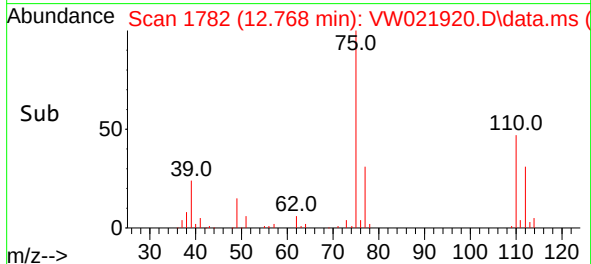
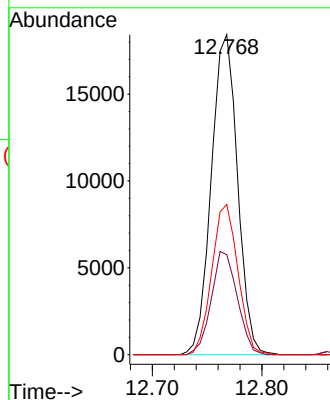
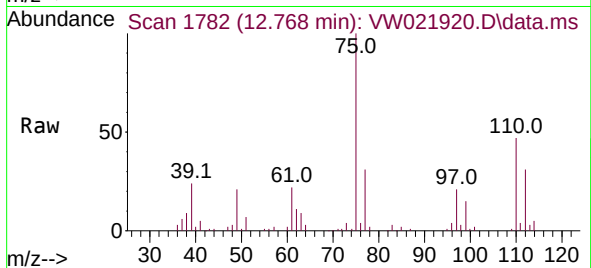
Tgt Ion: 75 Resp: 30665

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

110 46.9 29.0 43.4#



#62

1,3,5-Trimethylbenzene

Concen: 22.263 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021920.D

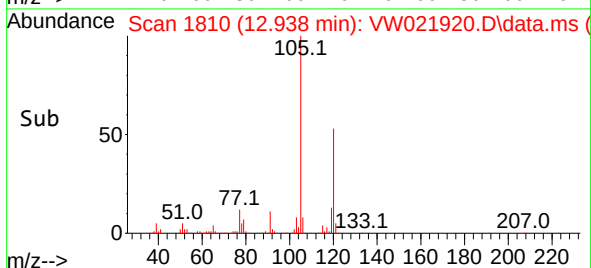
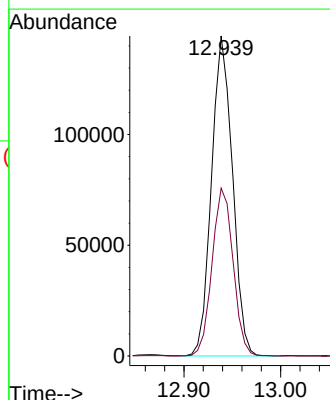
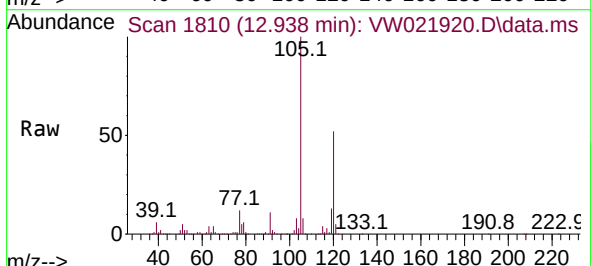
Acq: 14 Jan 2022 18:04

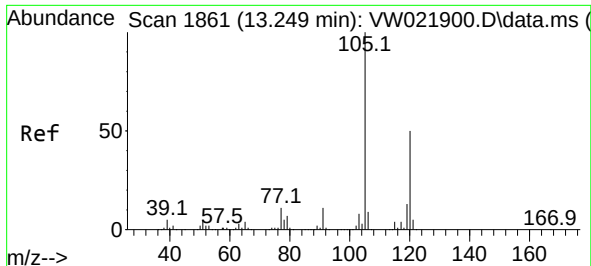
Tgt Ion:105 Resp: 217824

Ion Ratio Lower Upper

105 100

120 52.5 37.4 56.2

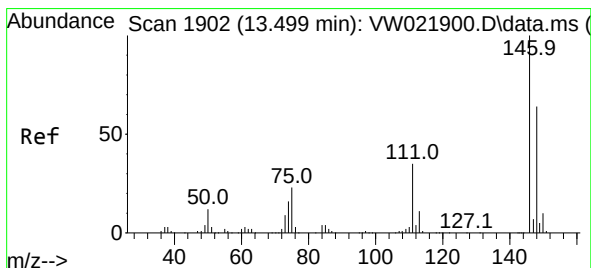
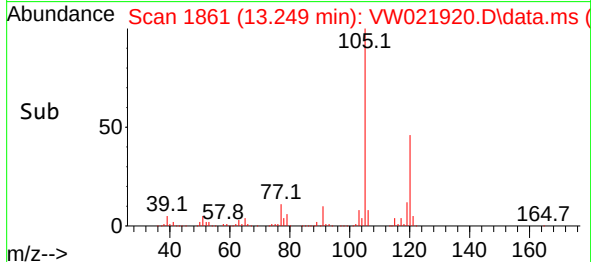
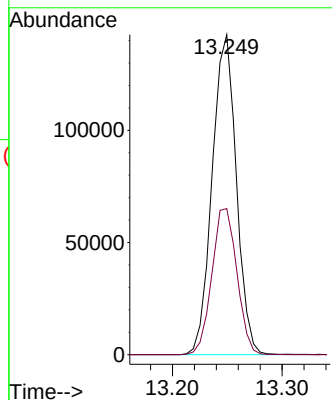
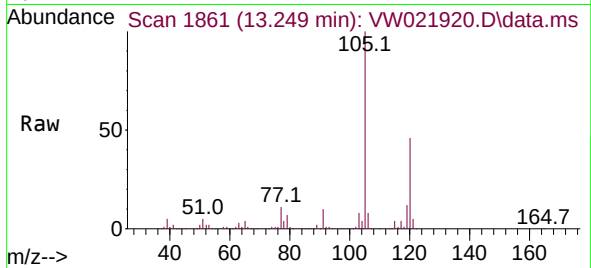




#63
1,2,4-Trimethylbenzene
Concen: 22.664 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

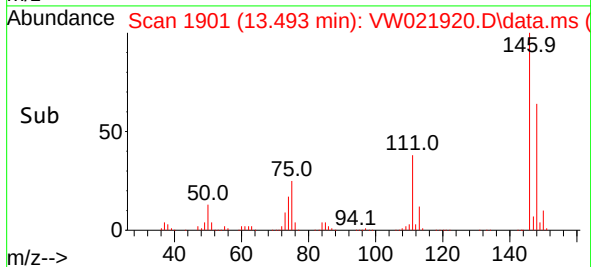
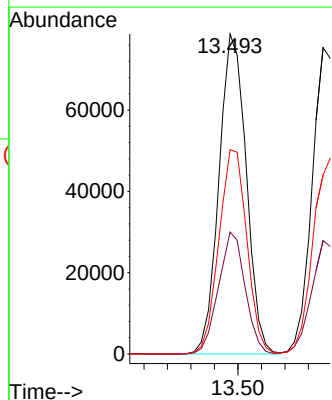
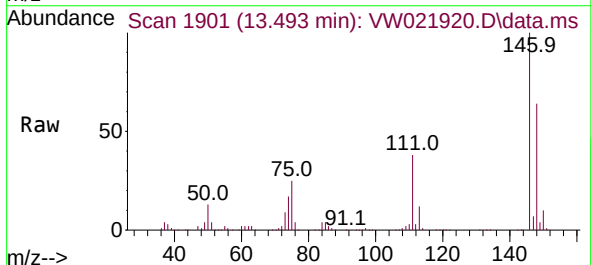
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

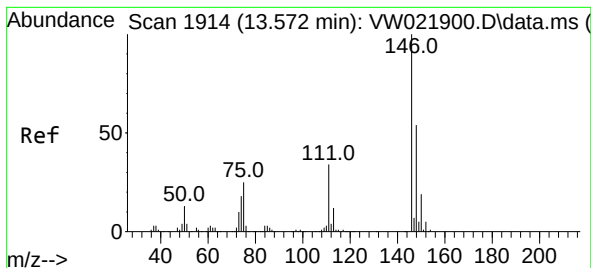
Tgt Ion:105 Resp: 218696
Ion Ratio Lower Upper
105 100
120 47.4 35.0 52.6



#64
1,3-Dichlorobenzene
Concen: 21.344 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion:146 Resp: 126793
Ion Ratio Lower Upper
146 100
111 38.1 29.8 55.3
148 63.9 46.2 85.8





#65

1,4-Dichlorobenzene

Concen: 21.203 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

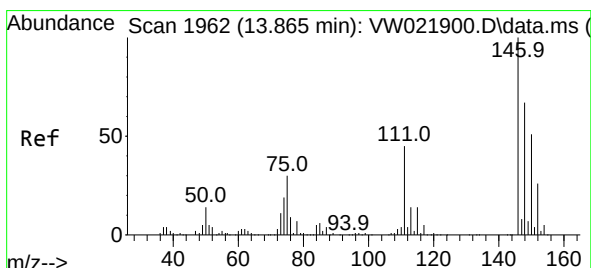
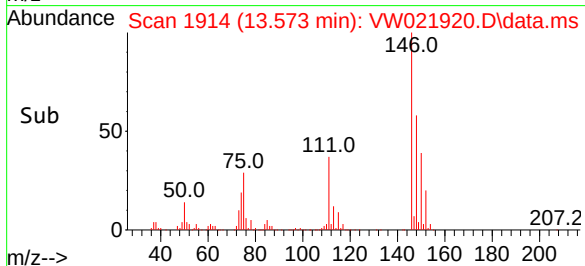
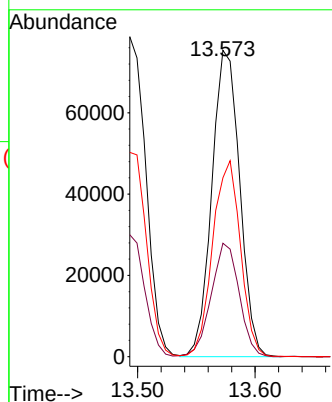
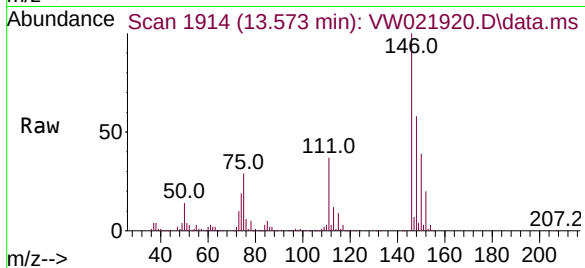
Tgt Ion:146 Resp: 124363

Ion Ratio Lower Upper

146 100

111 37.0 29.0 53.9

148 58.4 46.9 87.1



#67

1,2-Dichlorobenzene

Concen: 21.240 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

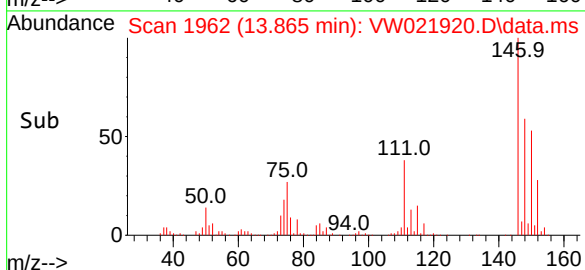
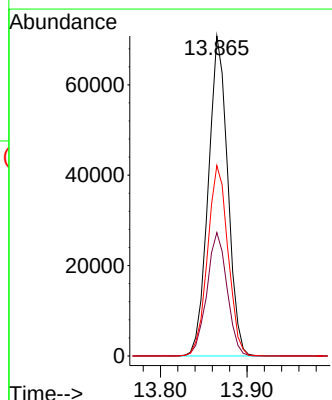
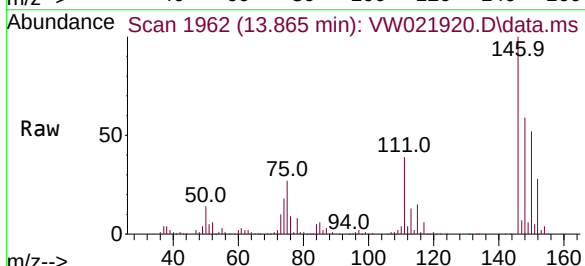
Tgt Ion:146 Resp: 110472

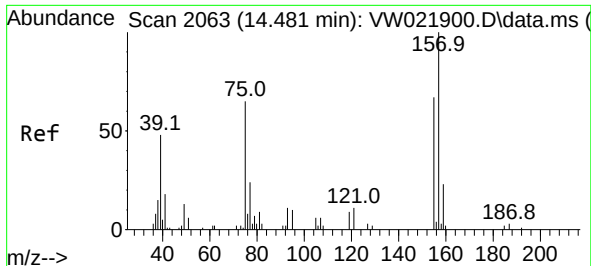
Ion Ratio Lower Upper

146 100

111 38.6 33.1 49.7

148 59.5 47.4 71.2





#68

1,2-Dibromo-3-chloropropane

Concen: 25.579 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025537

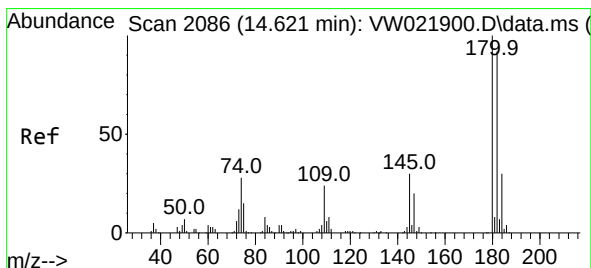
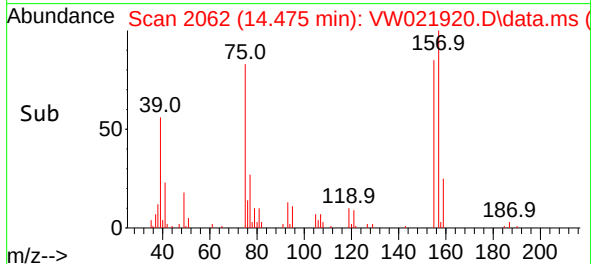
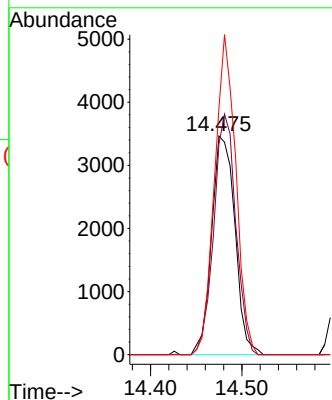
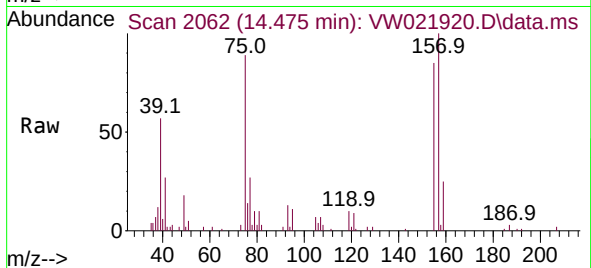
Tgt Ion: 75 Resp: 6125

Ion Ratio Lower Upper

75 100

155 96.2 54.2 81.2#

157 112.5 69.4 104.2#



#69

1,3,5-Trichlorobenzene

Concen: 21.562 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW021920.D

Acq: 14 Jan 2022 18:04

Tgt Ion:180 Resp: 95200

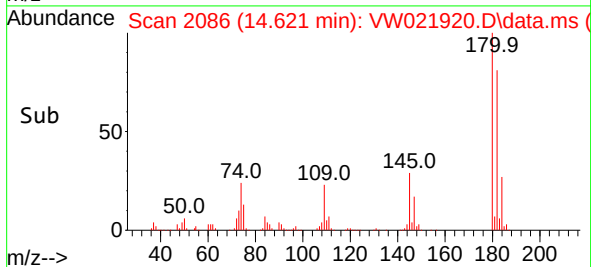
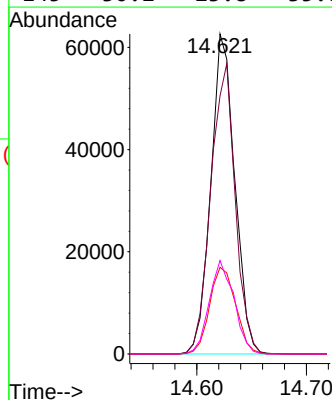
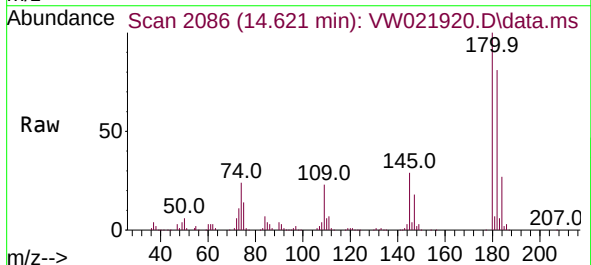
Ion Ratio Lower Upper

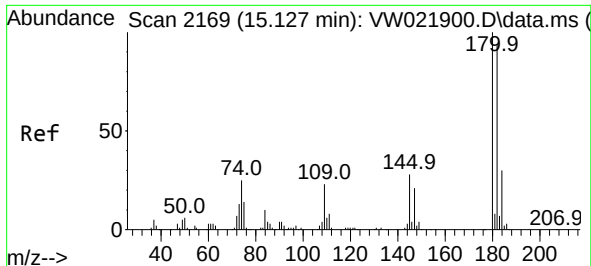
180 100

182 92.5 75.4 113.0

184 29.5 23.8 35.8

145 30.2 23.8 35.8

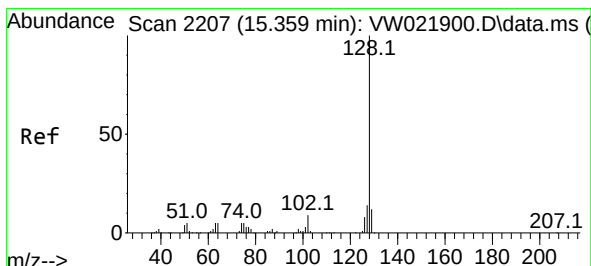
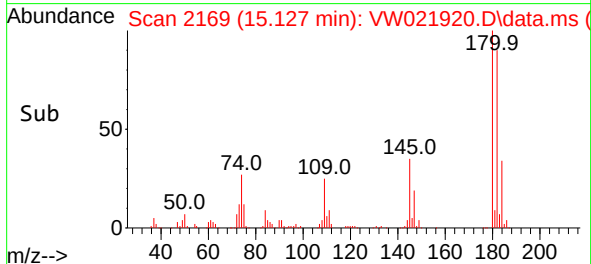
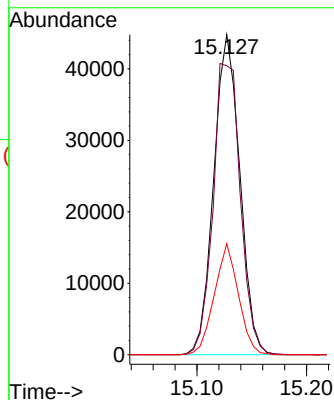
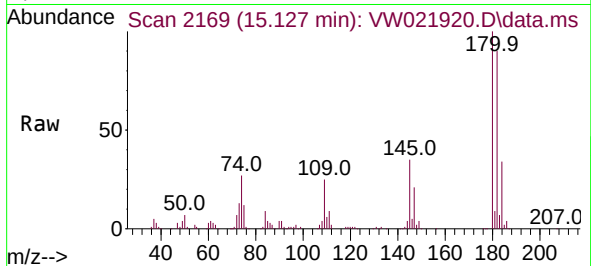




#70
1,2,4-trichlorobenzene
Concen: 21.081 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

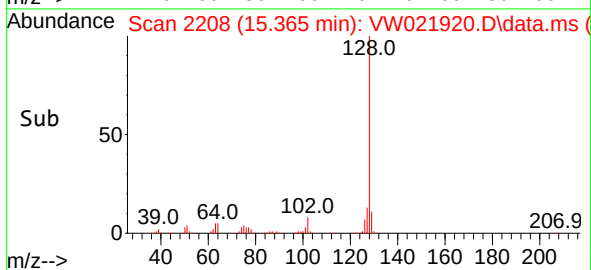
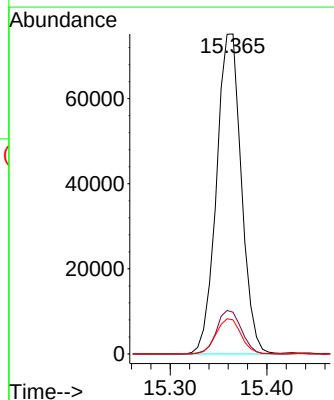
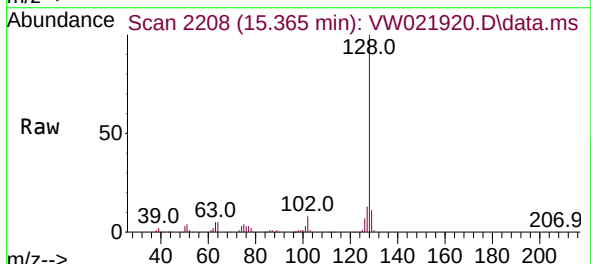
Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

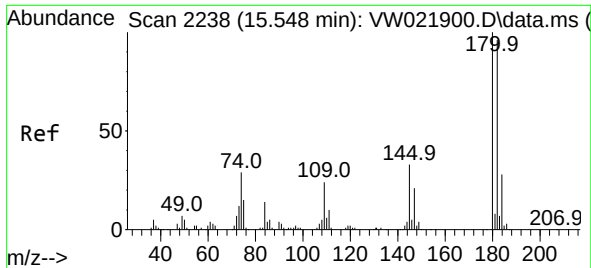
Tgt Ion:180 Resp: 74163
Ion Ratio Lower Upper
180 100
182 95.5 79.0 118.6
145 32.0 26.0 39.0



#71
Naphthalene
Concen: 24.697 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW021920.D
Acq: 14 Jan 2022 18:04

Tgt Ion:128 Resp: 134028
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.1 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 21.761 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW021920.D
 Acq: 14 Jan 2022 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Tgt Ion:180 Resp: 63222
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.6 114.8
 145 32.7 27.4 41.0

