

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022089.D
 Acq On : 21 Feb 2022 16:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Quant Time: Feb 22 00:41:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	150466	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	142204	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45035	24.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.400%
7) Chloroethane-d5	2.879	69	42404	30.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.560%
11) 1,1-Dichloroethene-d2	4.013	63	67701	21.142	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.560%
21) 2-Butanone-d5	7.086	46	18178	56.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.100%
24) Chloroform-d	7.647	84	84540	24.149	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	8.305	65	43565	25.013	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.275	84	156814	21.822	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.280%
36) 1,2-Dichloropropane-d6	9.274	67	44704	22.870	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	10.323	98	154735	21.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.920%
43) trans-1,3-Dichloroprop...	10.573	79	19779	23.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.400%
47) 2-Hexanone-d5	10.920	63	16967	59.705	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42800	26.847	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	62389	21.412	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	14995	42.785	ug/L	98
3) Chloromethane	2.209	50	46125	29.169	ug/L	100
5) Vinyl chloride	2.355	62	64341	28.330	ug/L	96
6) Bromomethane	2.776	94	49090	25.419	ug/L	100
8) Chloroethane	2.916	64	36427	31.213	ug/L	96
9) Trichlorofluoromethane	3.251	101	37385	21.805	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	47380	26.082	ug/L	97
12) 1,1-Dichloroethene	4.038	96	41162	24.553	ug/L	87
13) Acetone	4.153	43	14483	48.240	ug/L	99
14) Carbon disulfide	4.379	76	106863	21.853	ug/L	100
15) Methyl Acetate	4.684	43	15249	27.775	ug/L	91
16) Methylene chloride	4.915	84	44900	25.609	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	45834	24.517	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	64182	26.775	ug/L	99
19) 1,1-Dichloroethane	6.214	63	74273	25.643	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	49068	25.578	ug/L	100
22) 2-Butanone	7.177	43	21073	54.211	ug/L	98
23) Bromochloromethane	7.513	128	24764	26.216	ug/L	94
25) Chloroform	7.677	83	87199	26.597	ug/L	99

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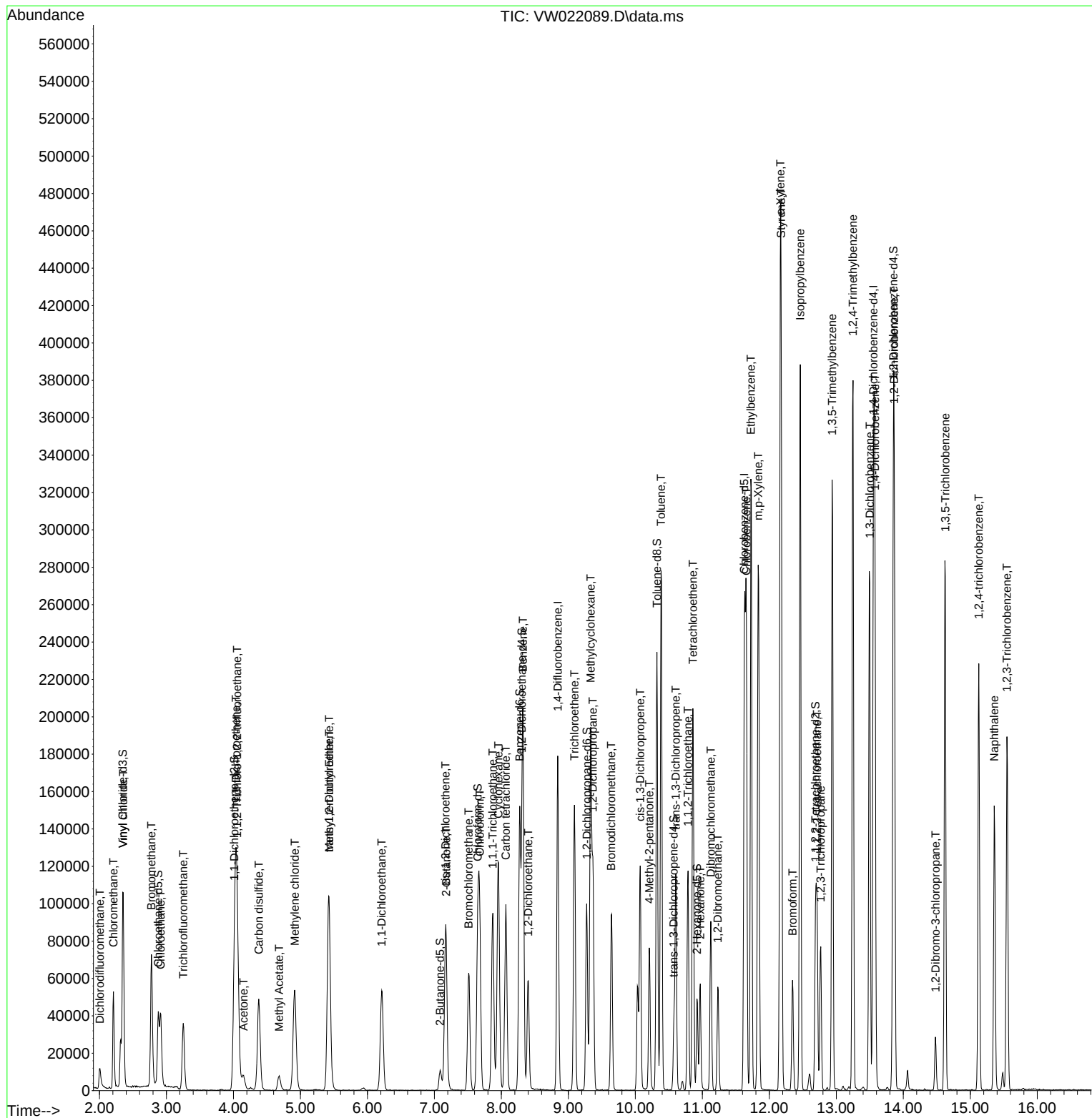
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	53171	27.552	ug/L	97
29) Cyclohexane	7.958	56	65878	23.600	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	77892	24.751	ug/L	99
31) Carbon tetrachloride	8.067	117	73230	23.773	ug/L	99
33) Benzene	8.323	78	182646	24.497	ug/L	100
34) Trichloroethene	9.091	95	51800	24.436	ug/L	92
35) Methylcyclohexane	9.335	83	84463	23.617	ug/L	99
37) 1,2-Dichloropropane	9.366	63	42494	25.950	ug/L	100
38) Bromodichloromethane	9.640	83	61956	26.493	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	68995	26.269	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	46078	57.351	ug/L	96
42) Toluene	10.384	91	207345	24.534	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	61238	27.046	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	37287	26.790	ug/L	98
46) Tetrachloroethene	10.859	164	44260	22.400	ug/L	94
48) 2-Hexanone	10.969	43	33504	56.026	ug/L	97
49) Dibromochloromethane	11.128	129	46905	26.762	ug/L	93
50) 1,2-Dibromoethane	11.231	107	36961	26.822	ug/L	95
51) Chlorobenzene	11.658	112	143139	24.886	ug/L	96
52) Ethylbenzene	11.725	91	232891	24.975	ug/L	100
53) m,p-Xylene	11.835	106	97866	25.296	ug/L	98
54) o-Xylene	12.164	106	91307	25.229	ug/L	83
55) Styrene	12.176	104	156526	26.775	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	42665	28.162	ug/L	94
59) Bromoform	12.347	173	26845	25.165	ug/L #	98
60) Isopropylbenzene	12.463	105	245860	23.298	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	30932	26.288	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	173357	24.770	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	213920	25.088	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	122419	24.213	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	122068	24.119	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	109314	24.326	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6519	27.232	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	89074	24.504	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	71921	24.909	ug/L	97
71) Naphthalene	15.359	128	132646	28.158	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	62221	25.212	ug/L	96

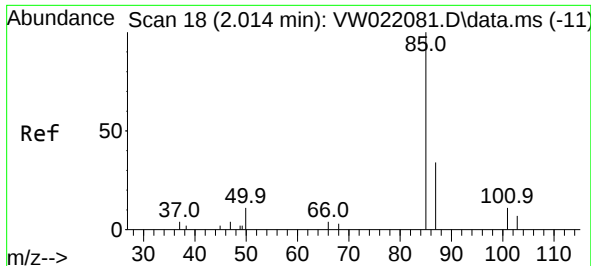
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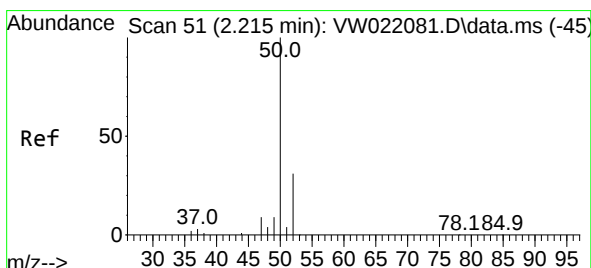
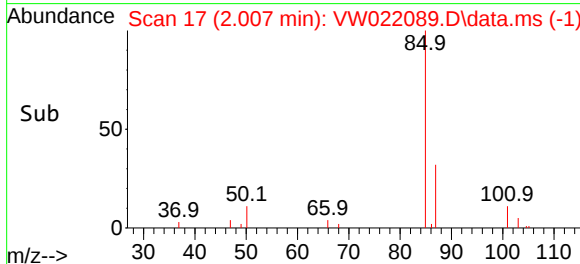
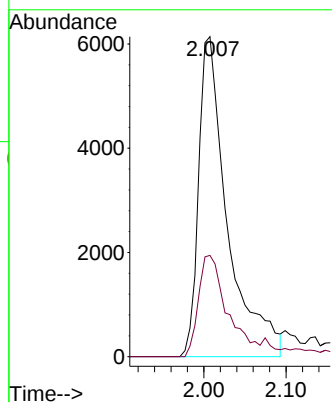
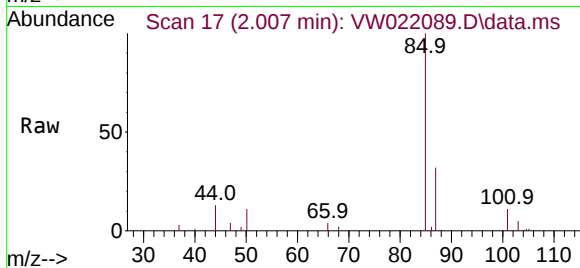




#2
 Dichlorodifluoromethane
 Concen: 42.785 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW022089.D
 Acq: 21 Feb 2022 16:03

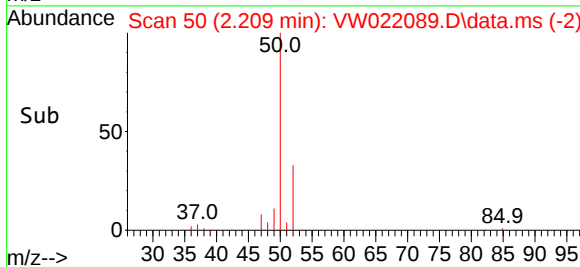
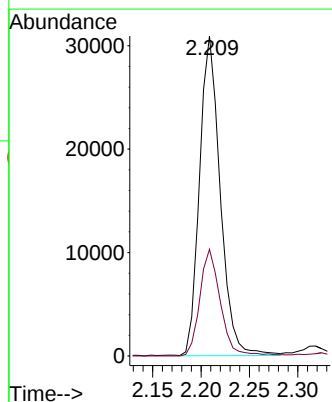
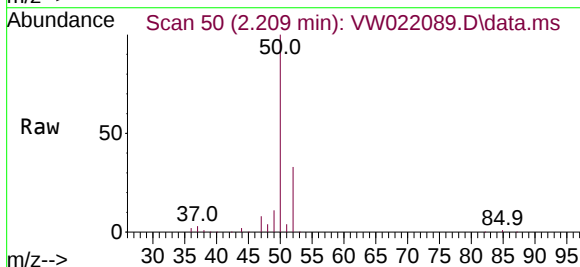
Instrument :
 MSVOA_W
 ClientSampleId :
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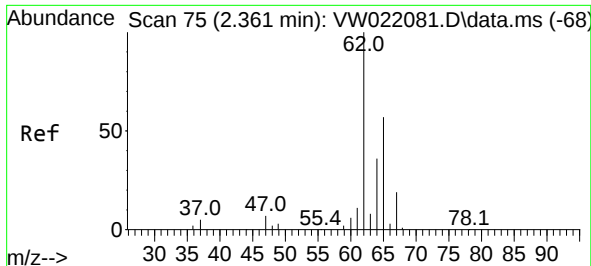
Tgt Ion: 85 Resp: 14995
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 29.169 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW022089.D
 Acq: 21 Feb 2022 16:03

Tgt Ion: 50 Resp: 46125
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.3 43.3

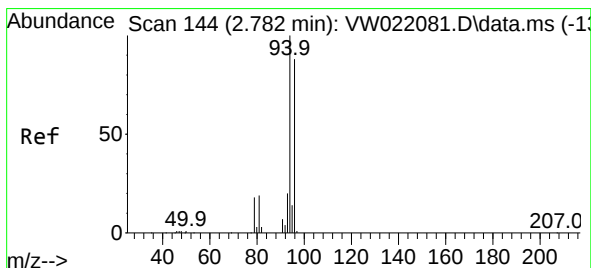
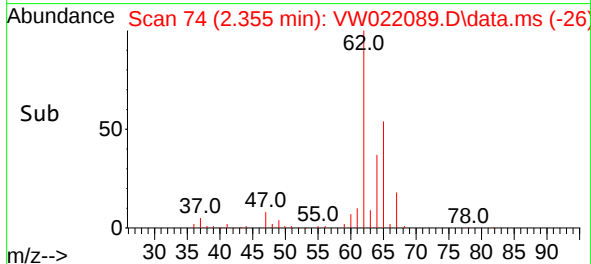
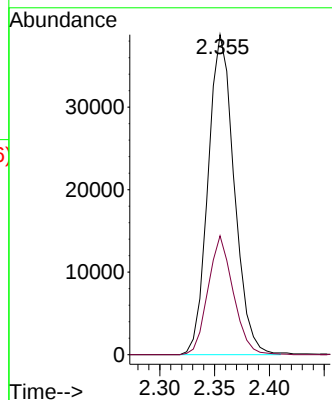
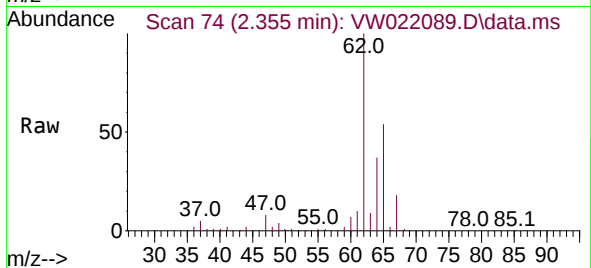




#5
 Vinyl chloride
 Concen: 28.330 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022089.D
 Acq: 21 Feb 2022 16:03

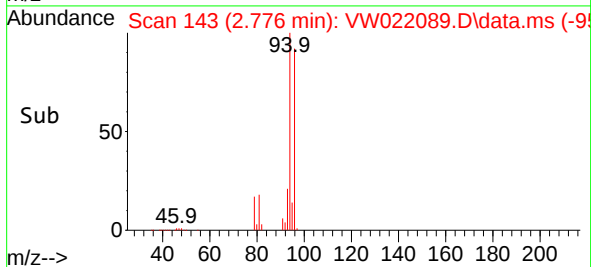
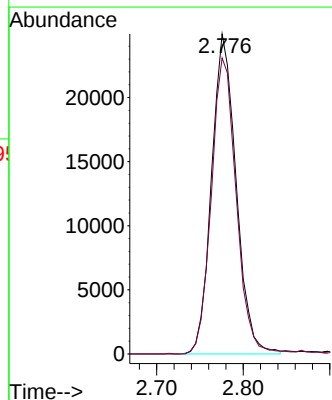
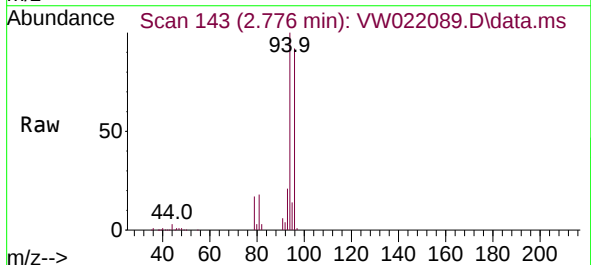
Instrument :
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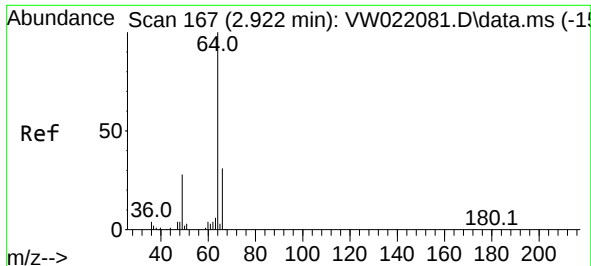
Tgt Ion: 62 Resp: 64341
 Ion Ratio Lower Upper
 62 100
 64 37.2 24.6 45.6



#6
 Bromomethane
 Concen: 25.419 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022089.D
 Acq: 21 Feb 2022 16:03

Tgt Ion: 94 Resp: 49090
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.6 120.0

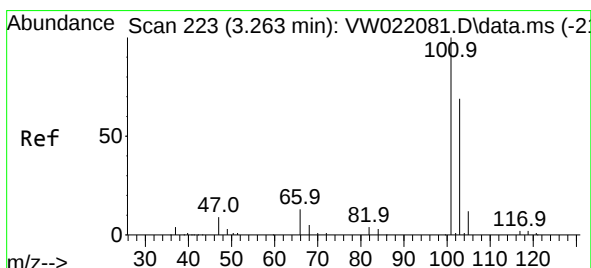
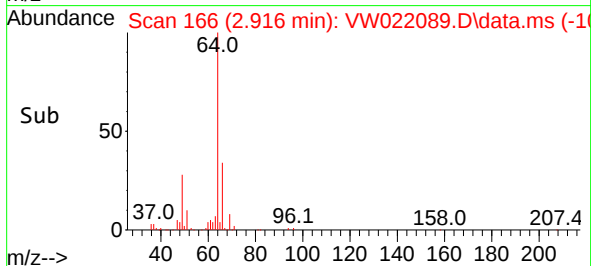
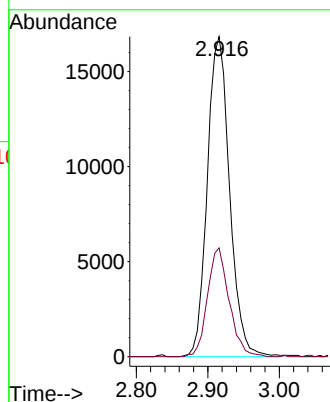
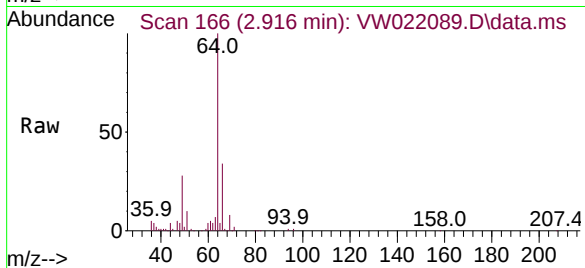




#8
Chloroethane
Concen: 31.213 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

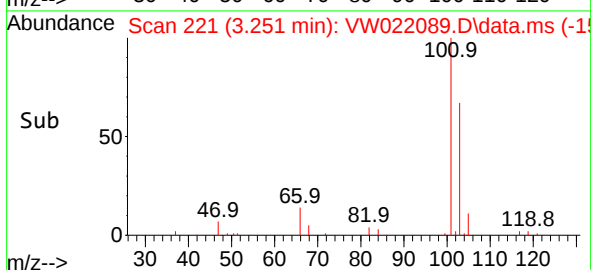
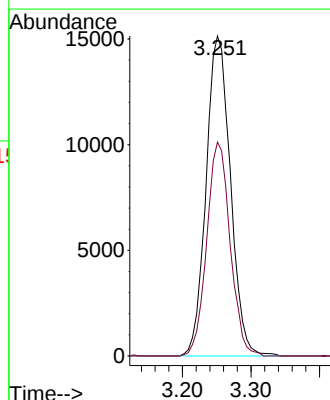
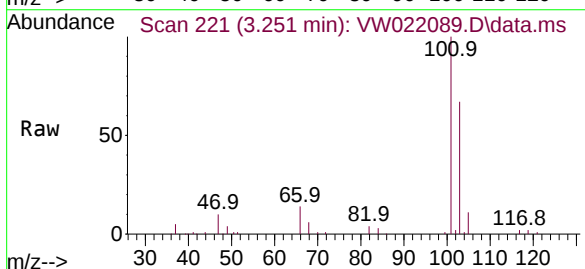
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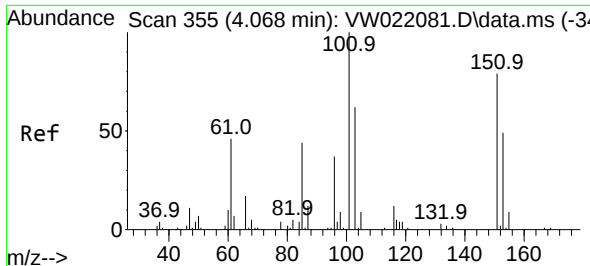
Tgt Ion: 64 Resp: 36427
Ion Ratio Lower Upper
64 100
66 34.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.805 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion: 101 Resp: 37385
Ion Ratio Lower Upper
101 100
103 64.2 52.9 79.3

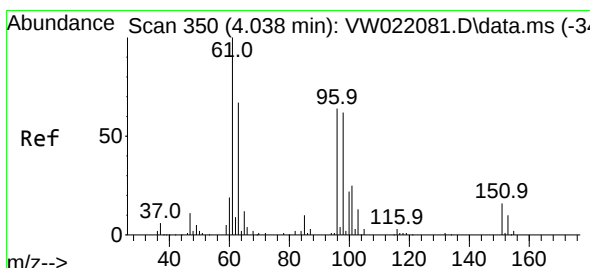
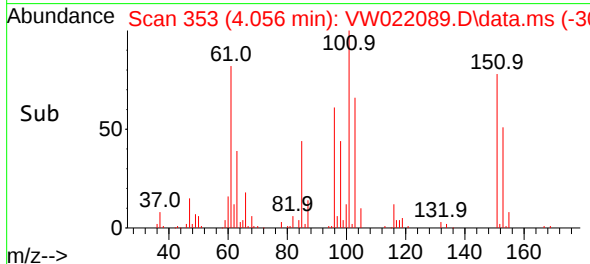
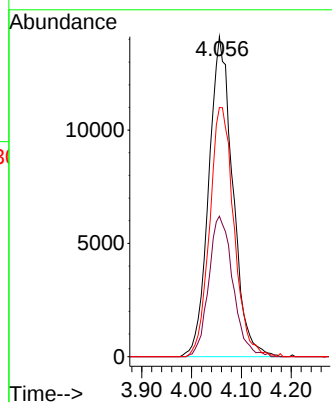
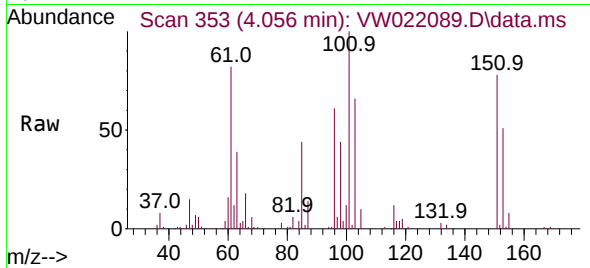




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.082 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW022089.D
 Acq: 21 Feb 2022 16:03

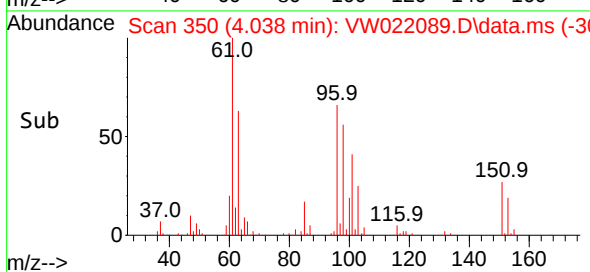
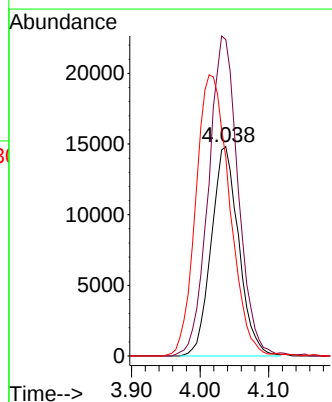
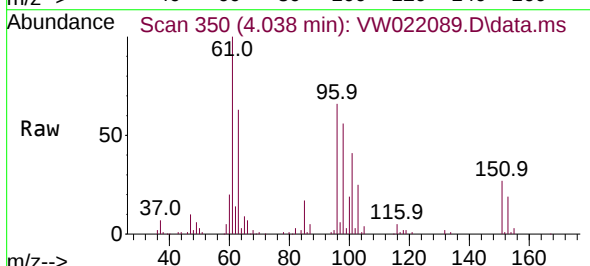
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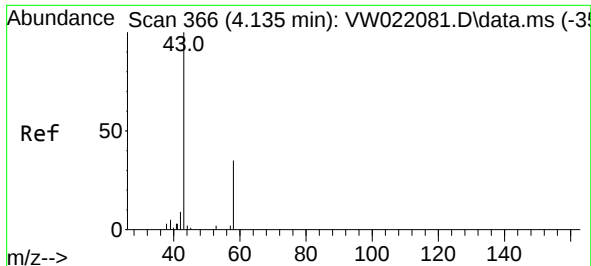
Tgt Ion:101 Resp: 47380
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.8 55.2
 151 78.2 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 24.553 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022089.D
 Acq: 21 Feb 2022 16:03

Tgt Ion: 96 Resp: 41162
 Ion Ratio Lower Upper
 96 100
 61 151.2 111.5 207.1
 63 95.0 83.1 154.3





#13

Acetone

Concen: 48.240 ug/L

RT: 4.153 min Scan# 3

Delta R.T. 0.018 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

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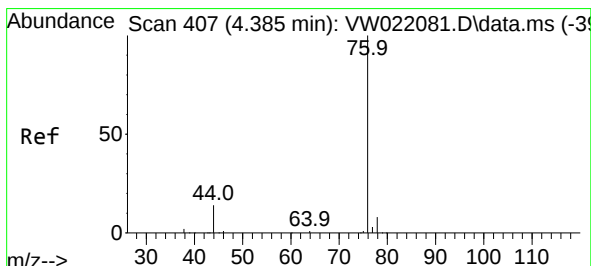
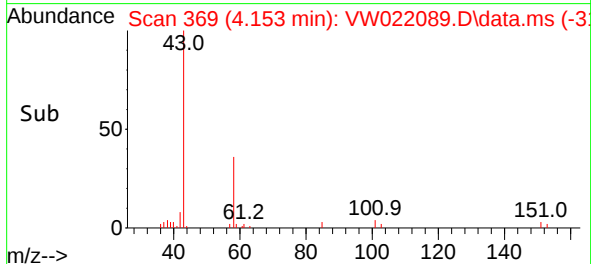
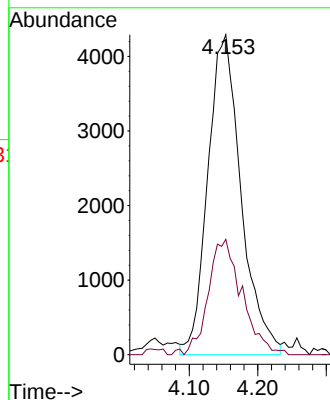
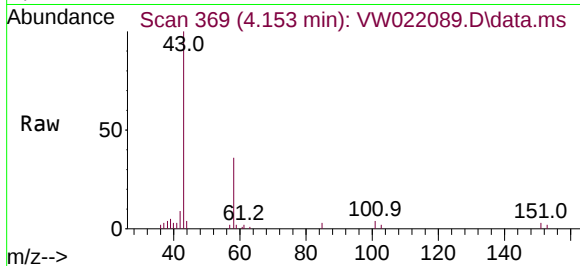
VSTD025559

Tgt Ion: 43 Resp: 14483

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.0



#14

Carbon disulfide

Concen: 21.853 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

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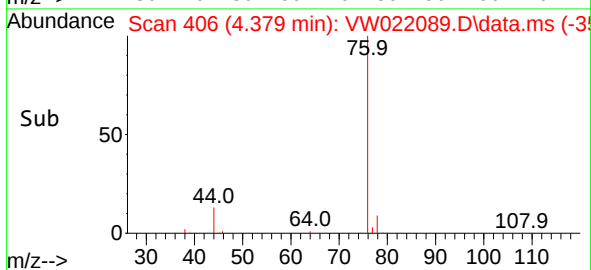
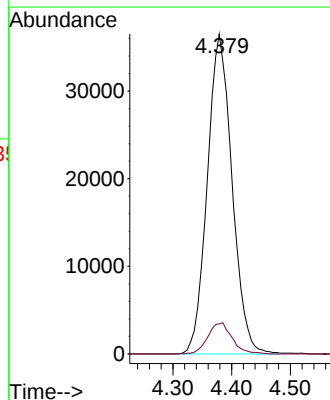
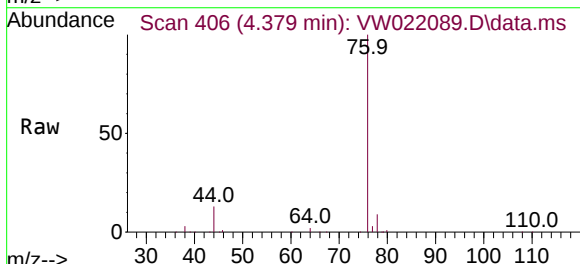
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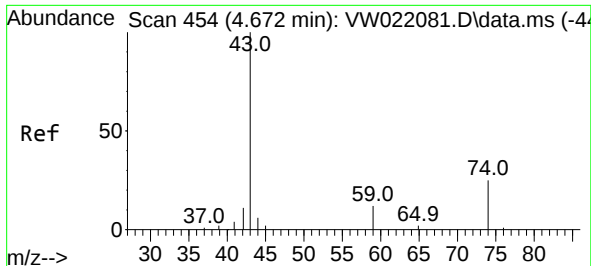
Tgt Ion: 76 Resp: 106863

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

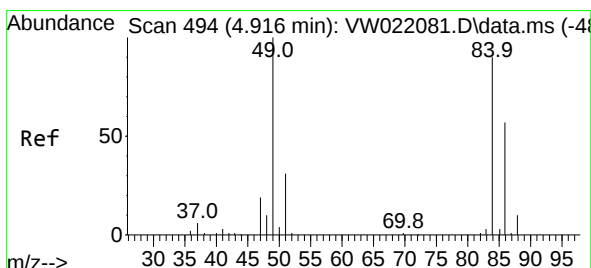
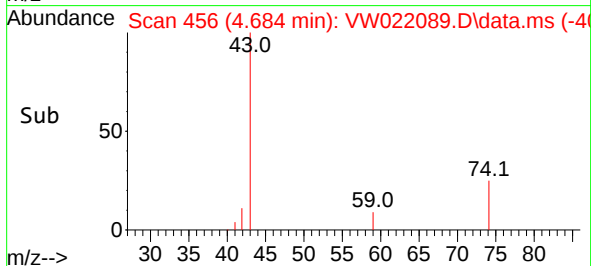
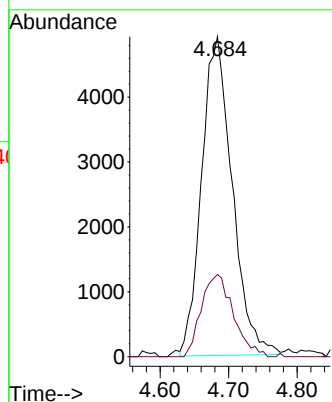
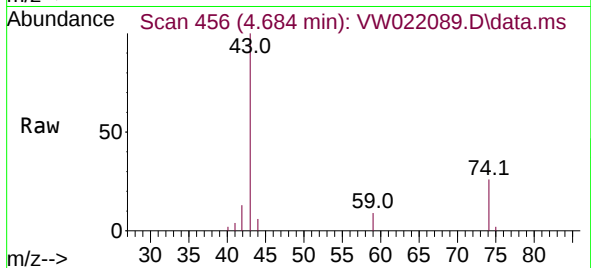




#15
Methyl Acetate
Concen: 27.775 ug/L
RT: 4.684 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

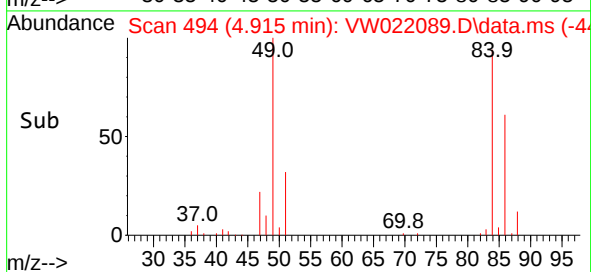
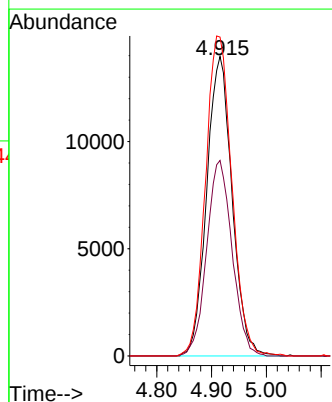
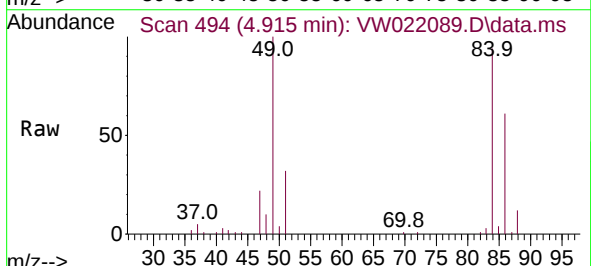
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

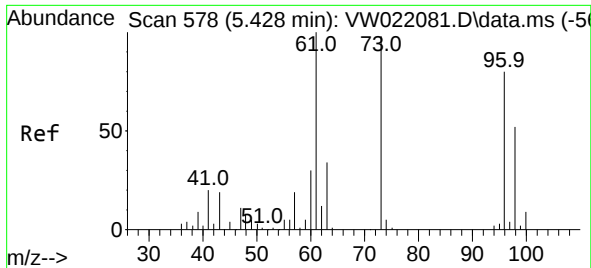
Tgt Ion: 43 Resp: 15249
Ion Ratio Lower Upper
43 100
74 26.9 18.0 27.0



#16
Methylene chloride
Concen: 25.609 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion: 84 Resp: 44900
Ion Ratio Lower Upper
84 100
86 65.3 44.1 81.9
49 106.4 74.7 138.7





#17

trans-1,2-Dichloroethene

Concen: 24.517 ug/L

RT: 5.428 min Scan# 51

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

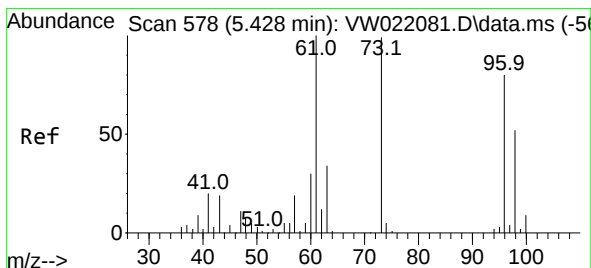
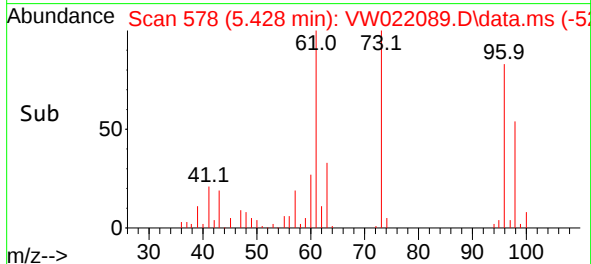
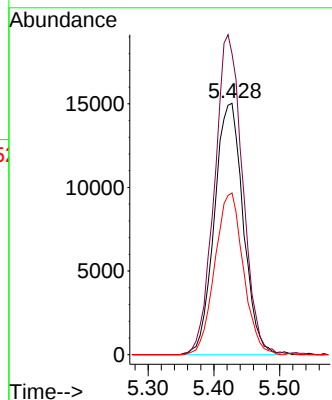
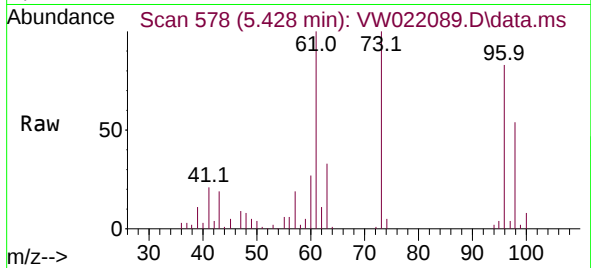
Tgt Ion: 96 Resp: 45834

Ion Ratio Lower Upper

96 100

61 119.7 84.3 156.5

98 64.3 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 26.775 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

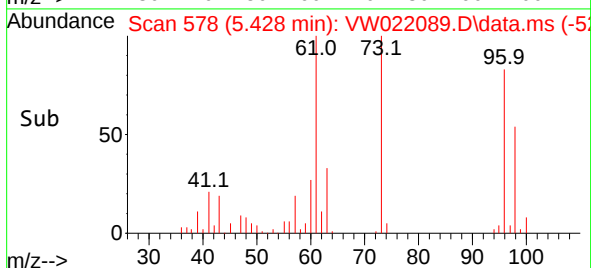
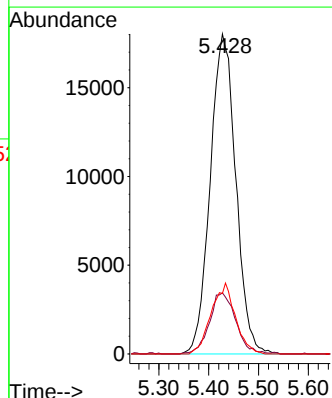
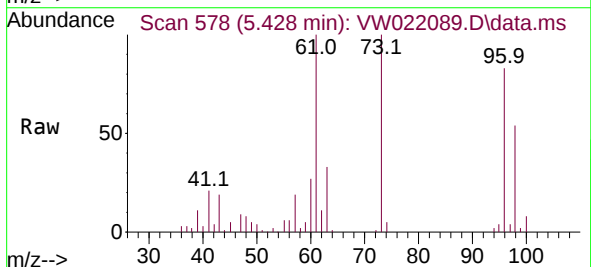
Tgt Ion: 73 Resp: 64182

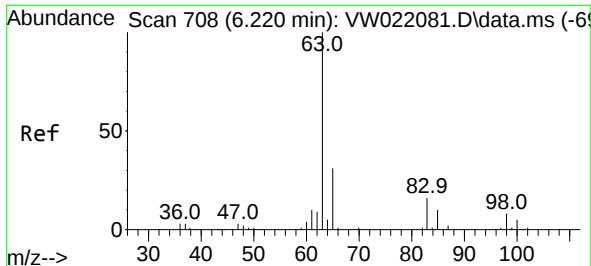
Ion Ratio Lower Upper

73 100

43 19.4 15.3 22.9

57 21.0 16.3 24.5





#19

1,1-Dichloroethane

Concen: 25.643 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

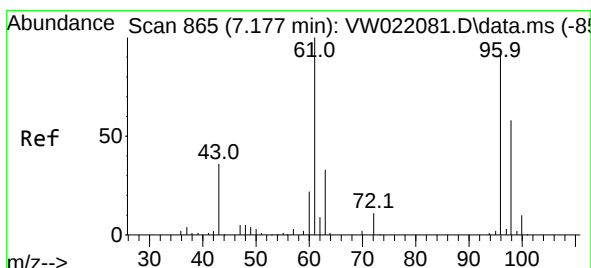
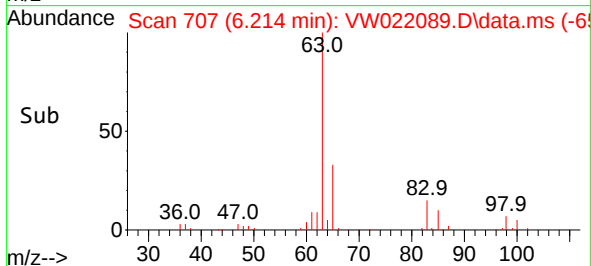
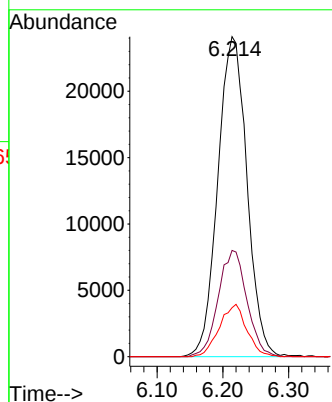
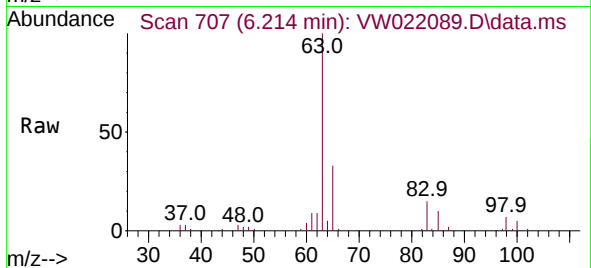
Tgt Ion: 63 Resp: 74273

Ion Ratio Lower Upper

63 100

65 33.2 20.9 38.7

83 15.3 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 25.578 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.012 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

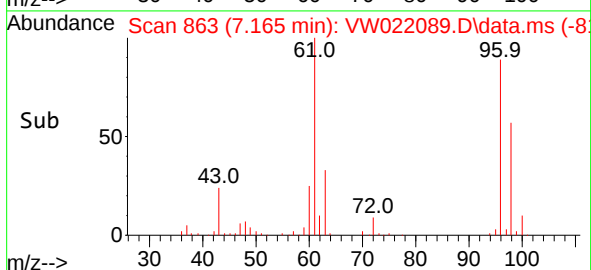
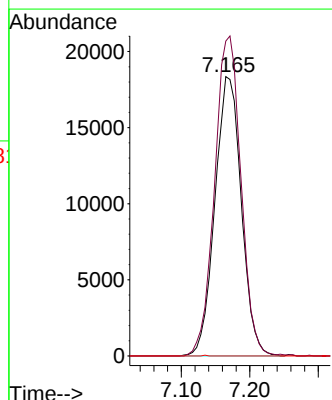
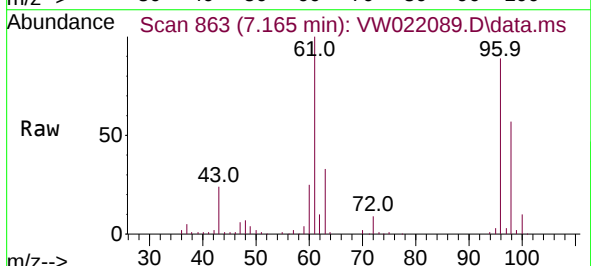
Tgt Ion: 96 Resp: 49068

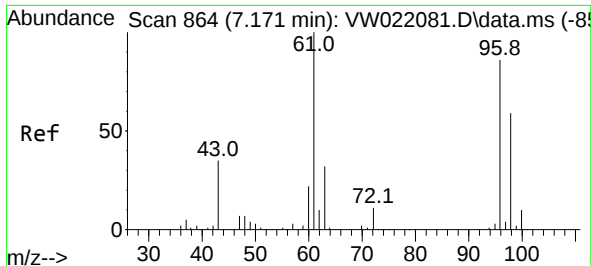
Ion Ratio Lower Upper

96 100

61 112.7 79.0 146.8

68 0.0 0.0 0.0

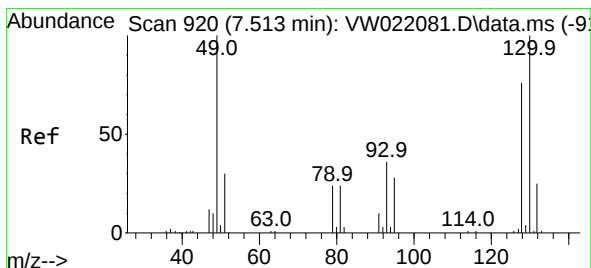
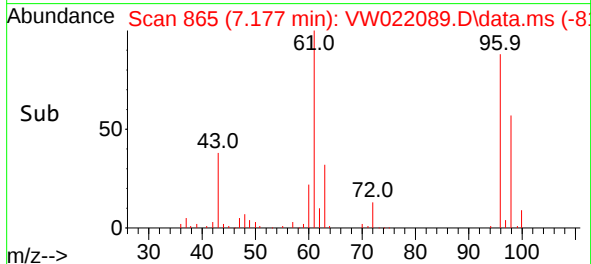
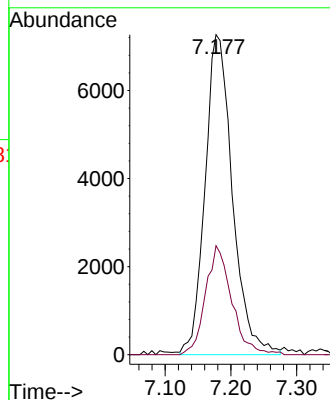
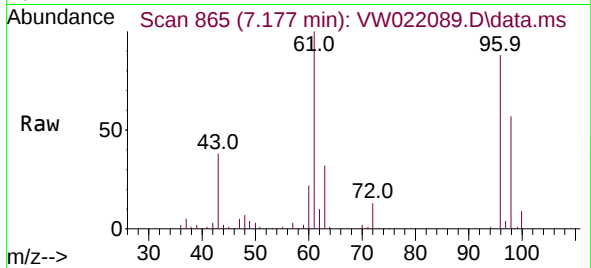




#22
2-Butanone
Concen: 54.211 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

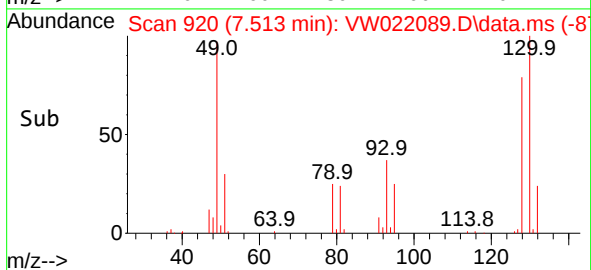
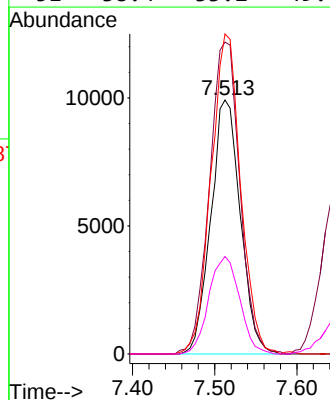
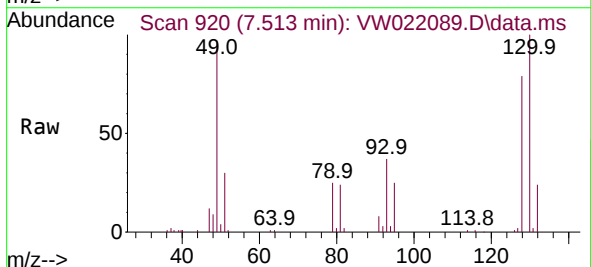
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

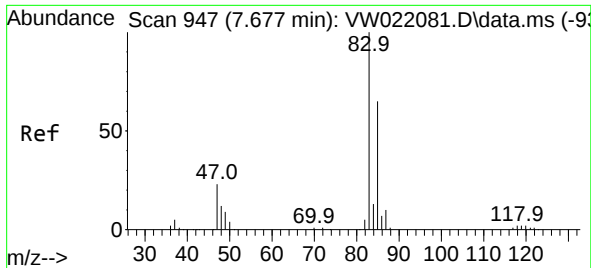
Tgt Ion: 43 Resp: 21073
Ion Ratio Lower Upper
43 100
72 32.3 16.8 50.4



#23
Bromochloromethane
Concen: 26.216 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion: 128 Resp: 24764
Ion Ratio Lower Upper
128 100
49 122.8 92.7 172.3
130 126.0 92.5 171.7
51 38.4 33.2 49.8

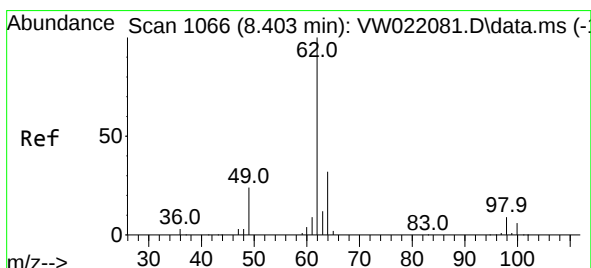
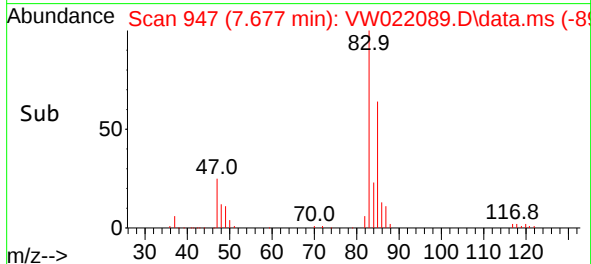
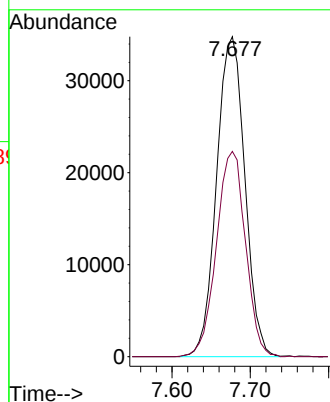
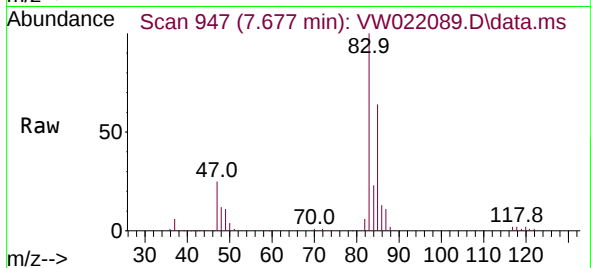




#25
Chloroform
Concen: 26.597 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

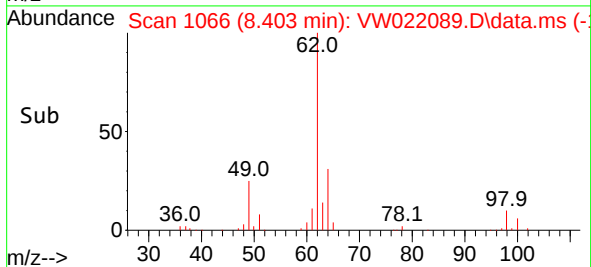
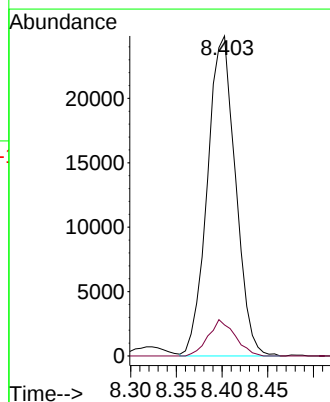
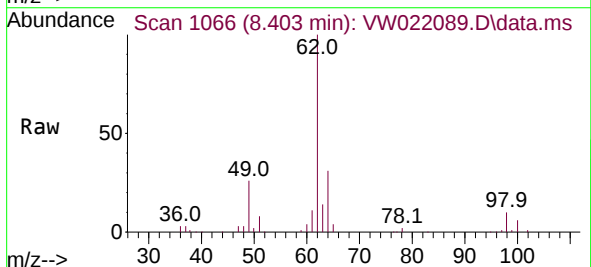
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

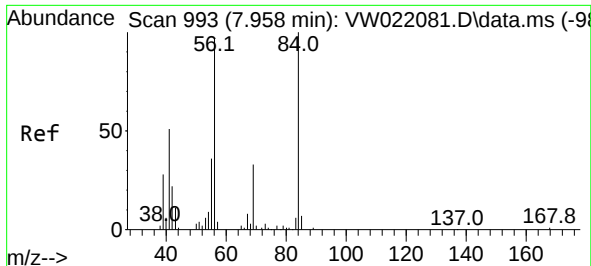
Tgt Ion: 83 Resp: 87199
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 27.552 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

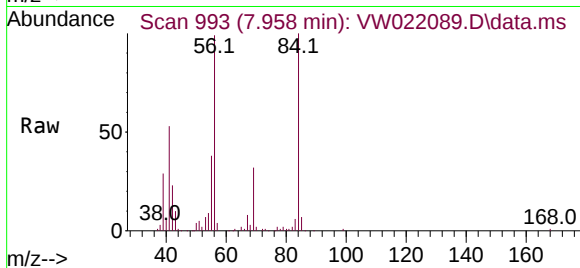
Tgt Ion: 62 Resp: 53171
Ion Ratio Lower Upper
62 100
98 9.7 8.8 13.2



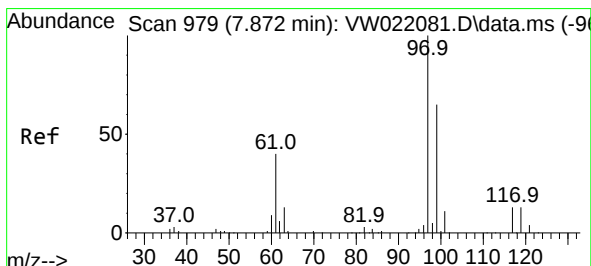
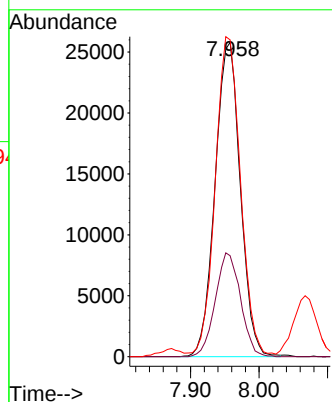
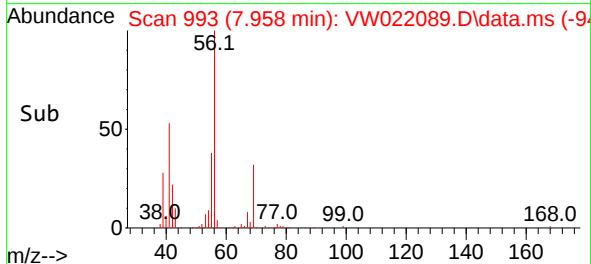


#29
Cyclohexane
Concen: 23.600 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

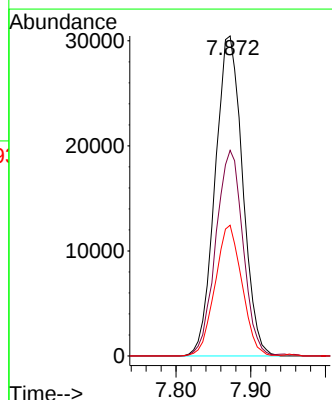
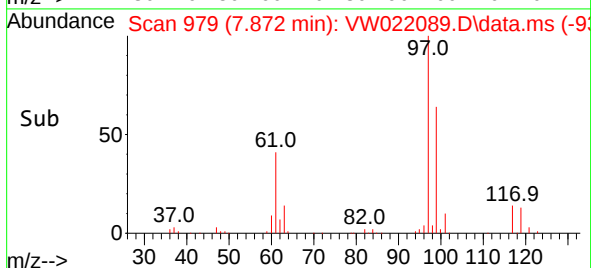
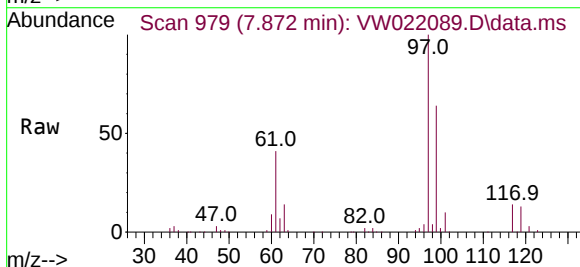


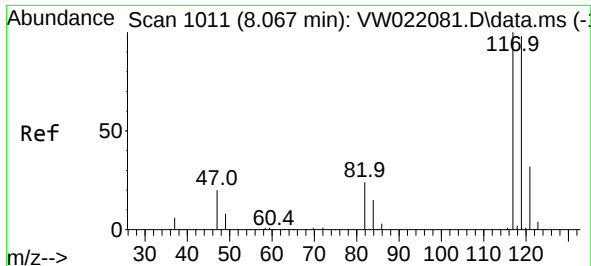
Tgt Ion:	56	Resp:	65878
Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.3	39.5
84	102.0	82.3	123.5



#30
1,1,1-Trichloroethane
Concen: 24.751 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion:	97	Resp:	77892
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	40.0	32.3	48.5

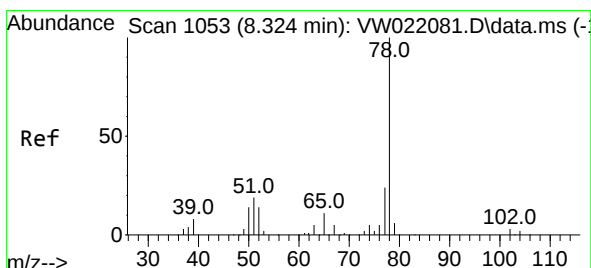
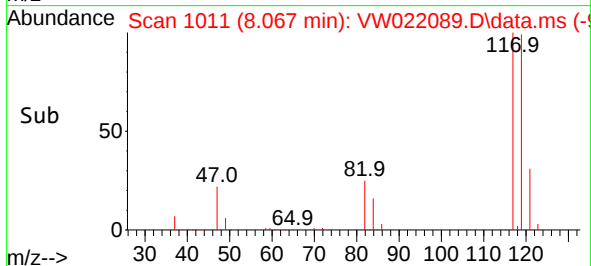
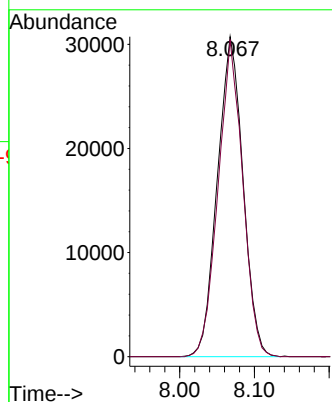
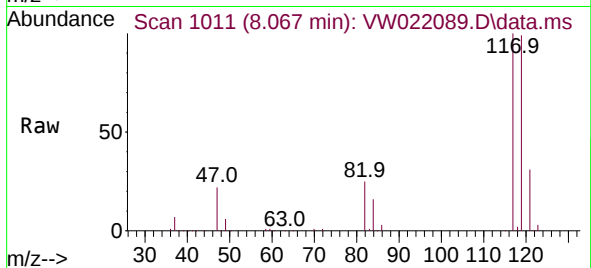




#31
Carbon tetrachloride
Concen: 23.773 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

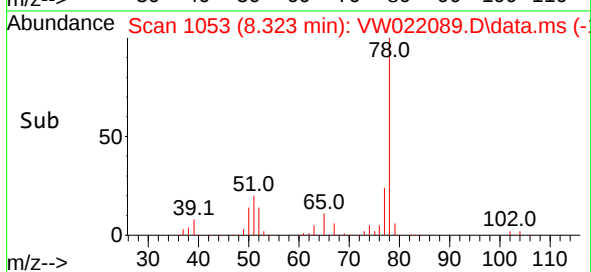
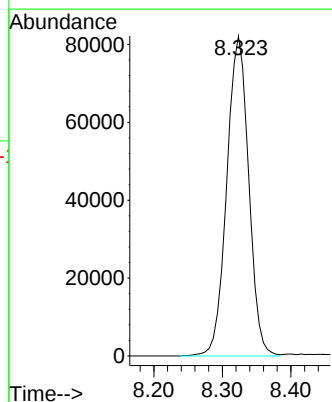
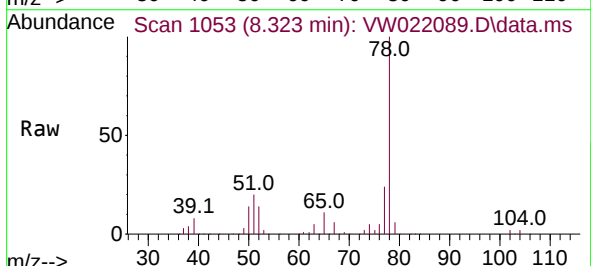
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

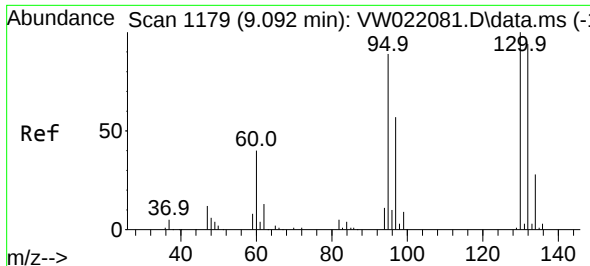
Tgt Ion:117 Resp: 73230
Ion Ratio Lower Upper
117 100
119 94.6 74.7 112.1



#33
Benzene
Concen: 24.497 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion: 78 Resp: 182646

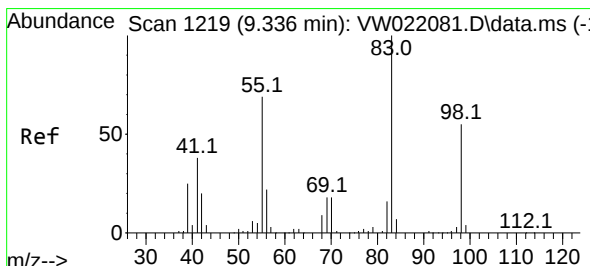
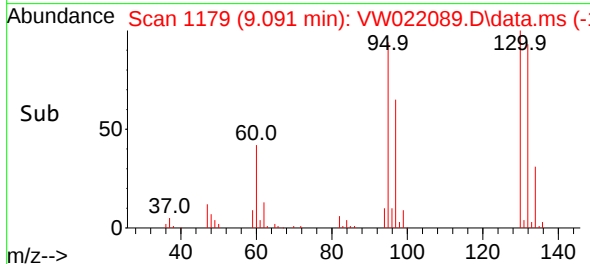
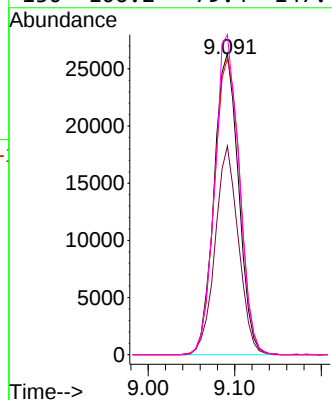
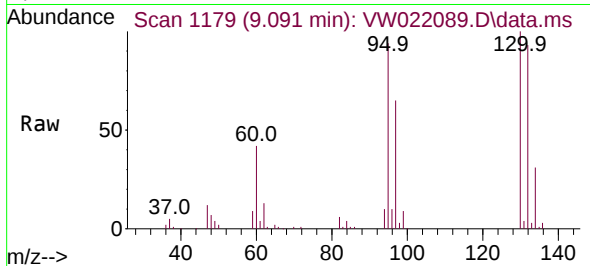




#34
Trichloroethene
Concen: 24.436 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

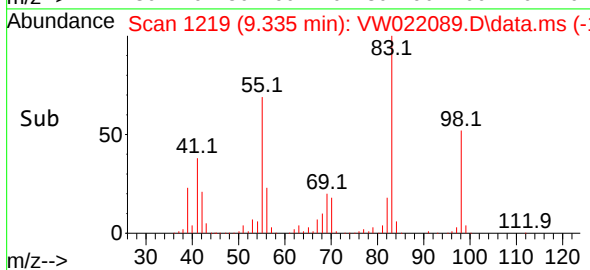
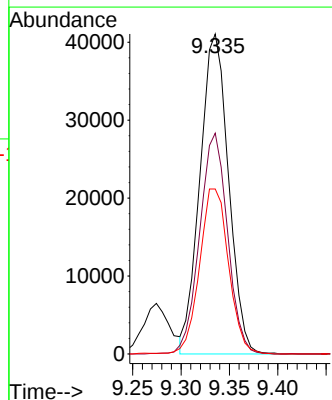
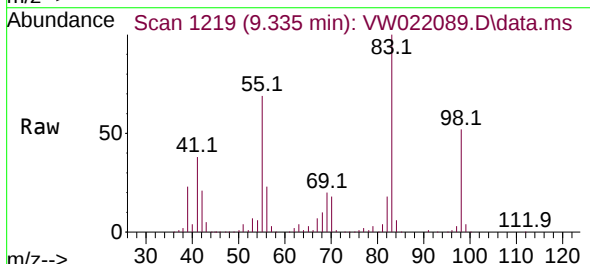
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

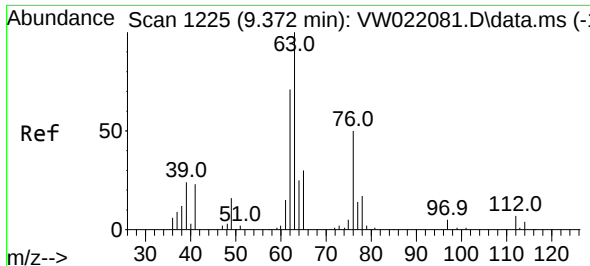
Tgt Ion: 95 Resp: 51800
Ion Ratio Lower Upper
95 100
97 69.2 45.1 83.7
132 98.3 76.1 141.3
130 106.2 79.4 147.4



#35
Methylcyclohexane
Concen: 23.617 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion: 83 Resp: 84463
Ion Ratio Lower Upper
83 100
55 67.2 53.4 80.2
98 52.3 42.6 63.8





#37

1,2-Dichloropropane

Concen: 25.950 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

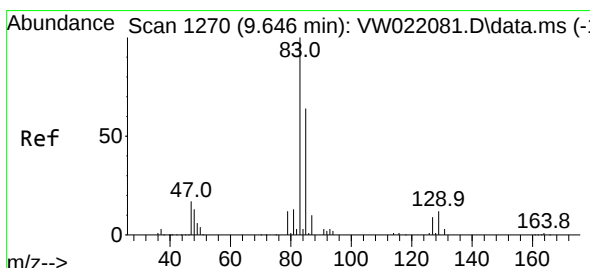
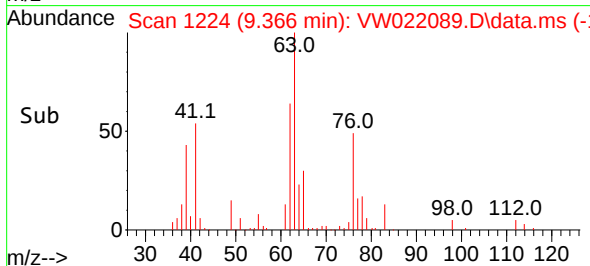
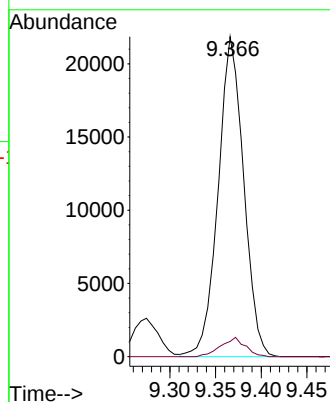
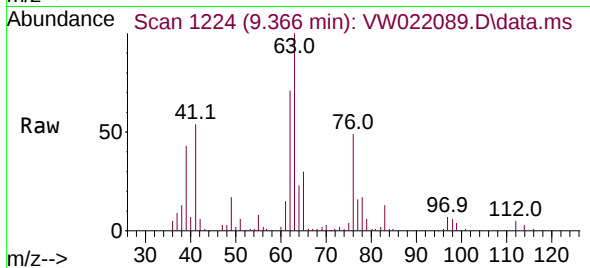
VSTD025559

Tgt Ion: 63 Resp: 42494

Ion Ratio Lower Upper

63 100

112 5.8 4.7 7.1



#38

Bromodichloromethane

Concen: 26.493 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

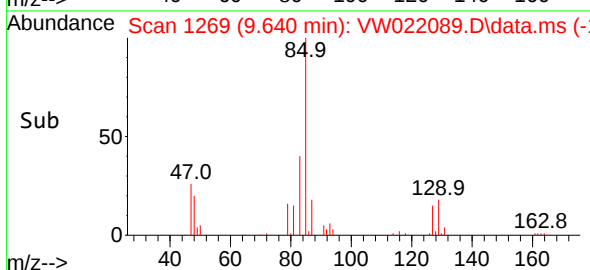
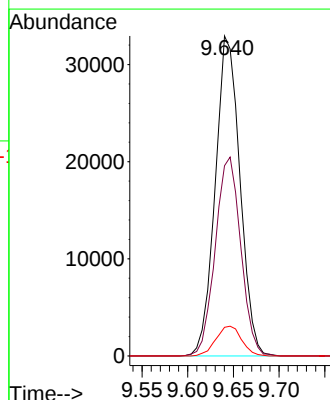
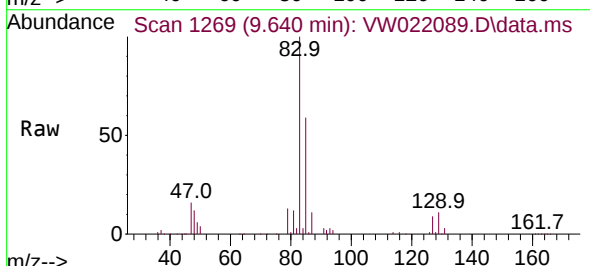
Tgt Ion: 83 Resp: 61956

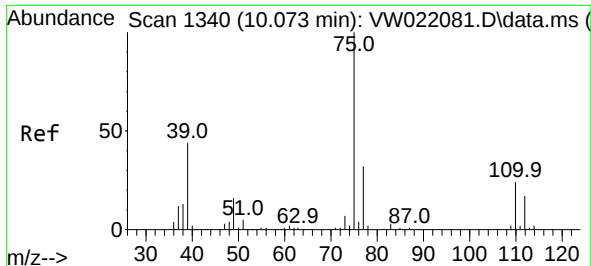
Ion Ratio Lower Upper

83 100

85 59.4 44.7 83.1

127 8.9 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 26.269 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

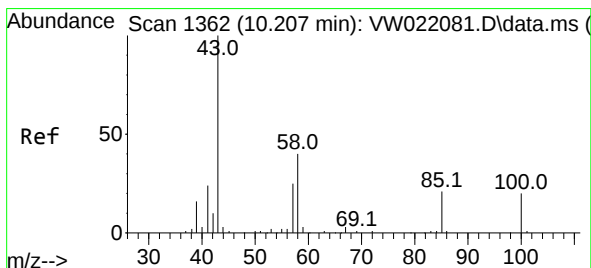
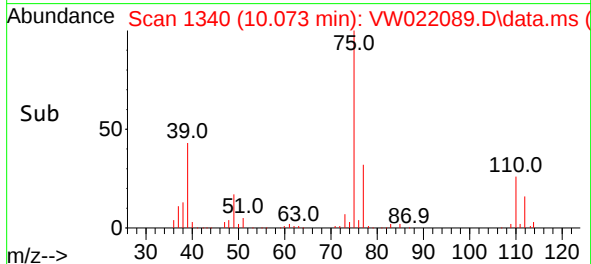
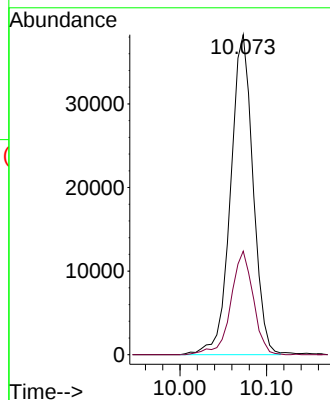
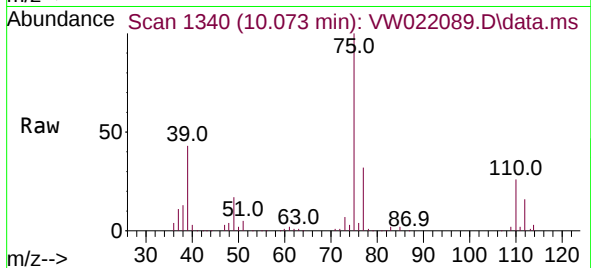
VSTD025559

Tgt Ion: 75 Resp: 68995

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 57.351 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

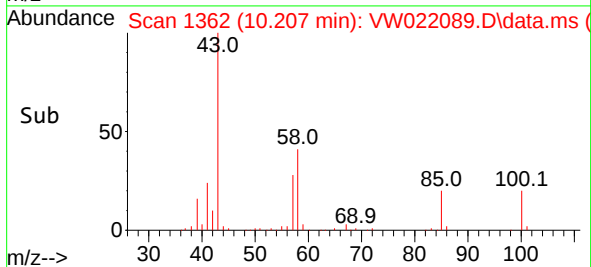
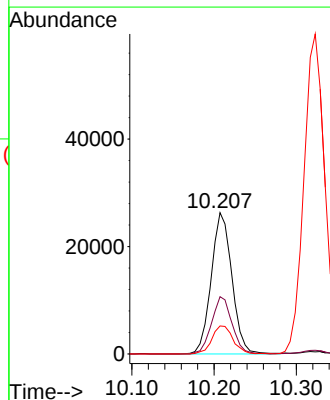
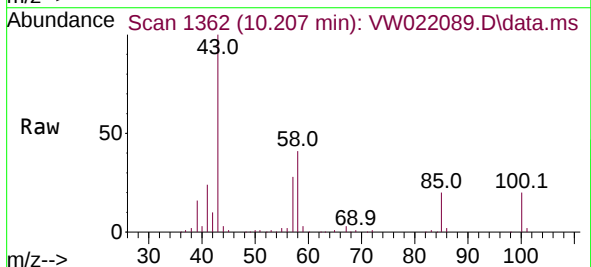
Tgt Ion: 43 Resp: 46078

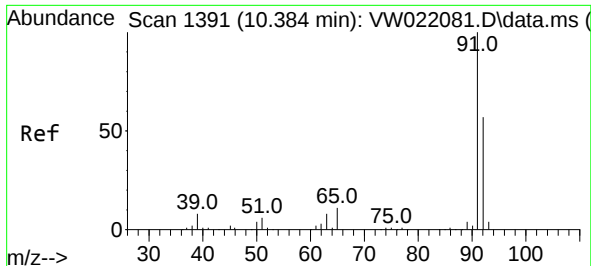
Ion Ratio Lower Upper

43 100

58 39.9 34.4 51.6

100 20.1 17.0 25.4

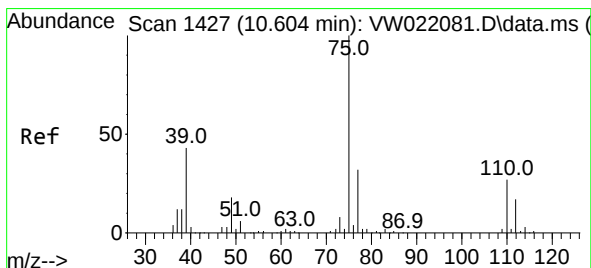
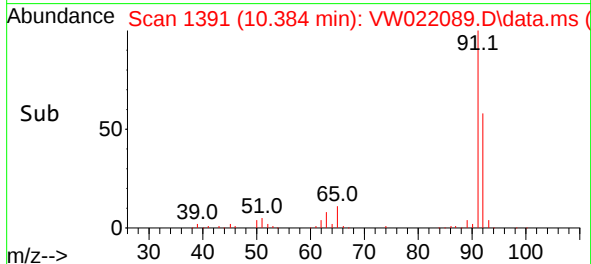
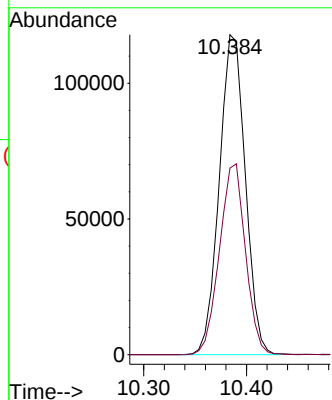
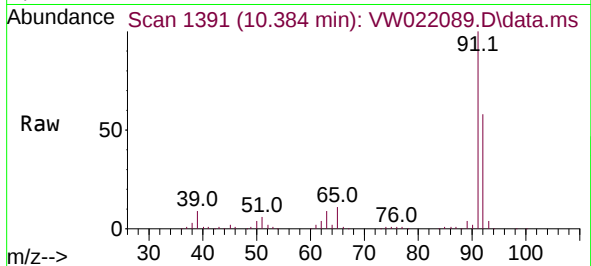




#42
Toluene
Concen: 24.534 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

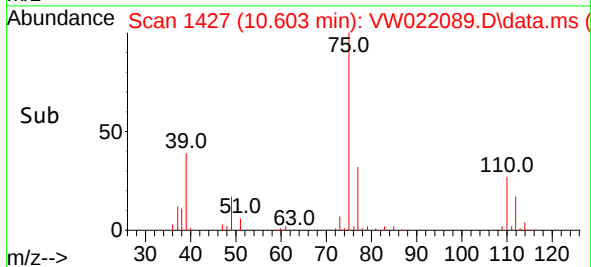
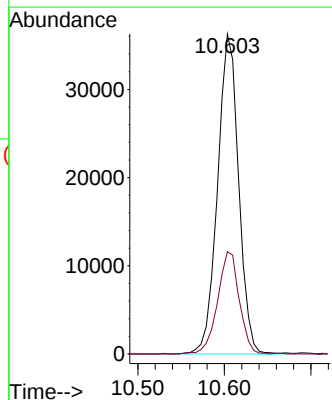
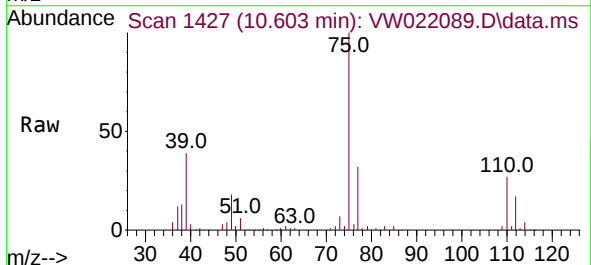
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

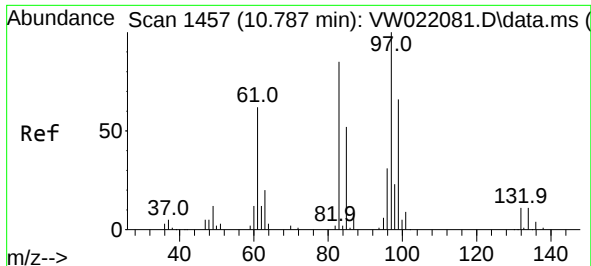
Tgt Ion: 91 Resp: 207345
Ion Ratio Lower Upper
91 100
92 58.3 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 27.046 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion: 75 Resp: 61238
Ion Ratio Lower Upper
75 100
77 31.9 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 26.790 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

Tgt Ion: 97 Resp: 37287

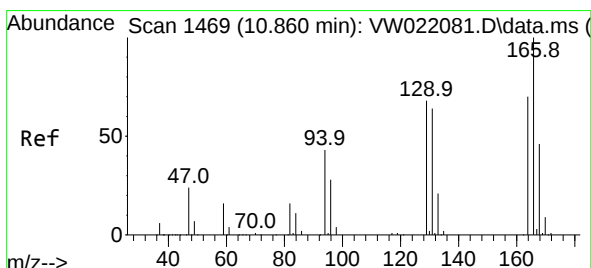
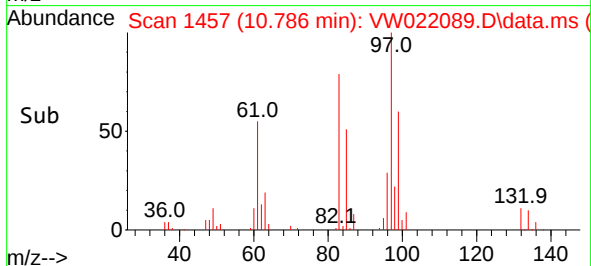
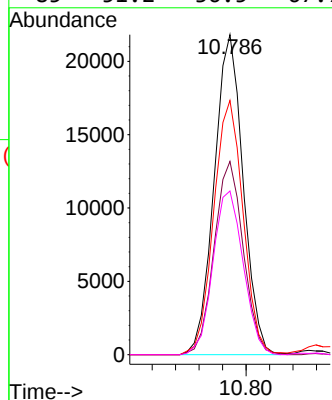
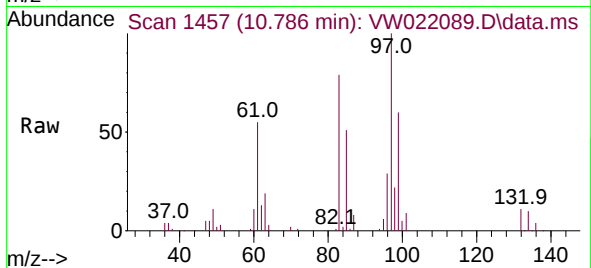
Ion Ratio Lower Upper

97 100

99 60.4 43.8 81.4

83 79.4 56.1 104.3

85 51.2 36.5 67.7



#46

Tetrachloroethene

Concen: 22.400 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Tgt Ion:164 Resp: 44260

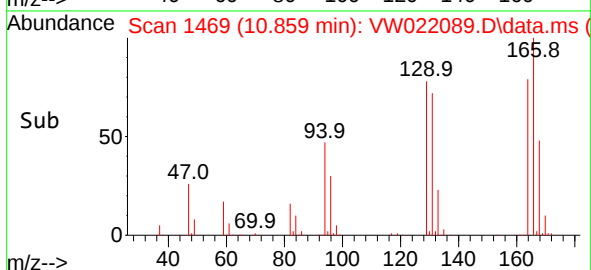
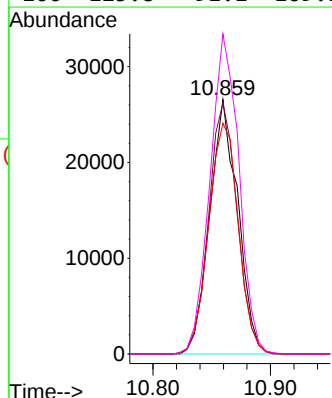
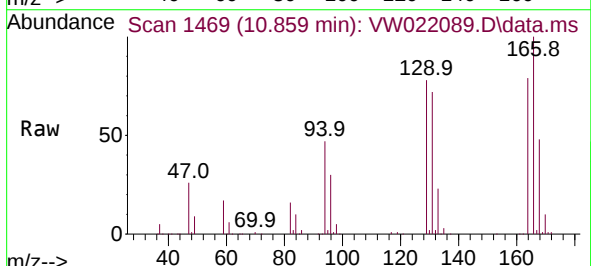
Ion Ratio Lower Upper

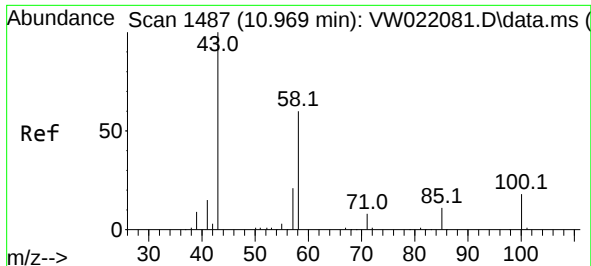
164 100

129 98.6 62.6 116.2

131 90.7 67.1 124.7

166 125.8 91.1 169.1

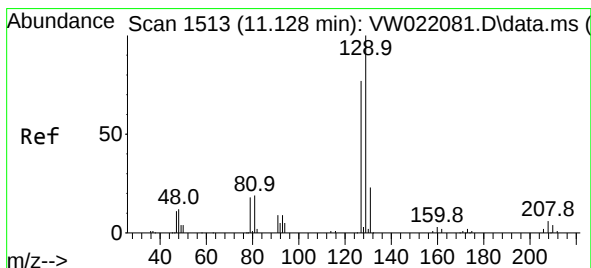
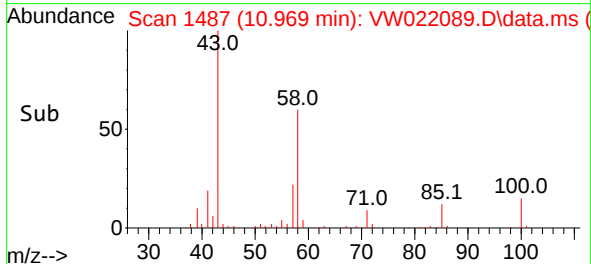
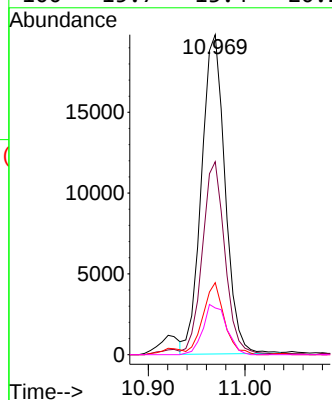
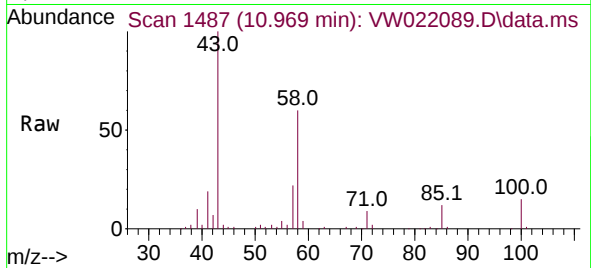




#48
2-Hexanone
Concen: 56.026 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

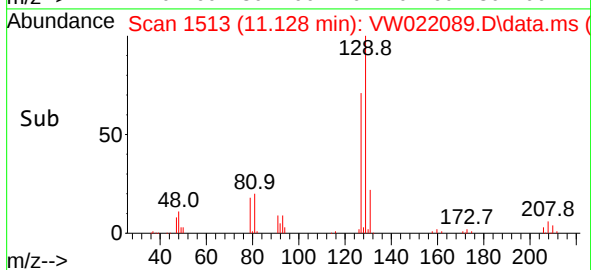
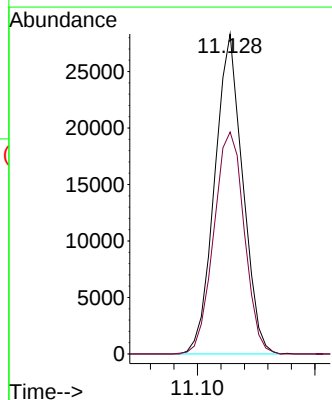
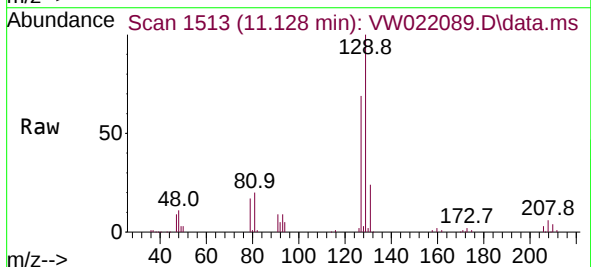
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

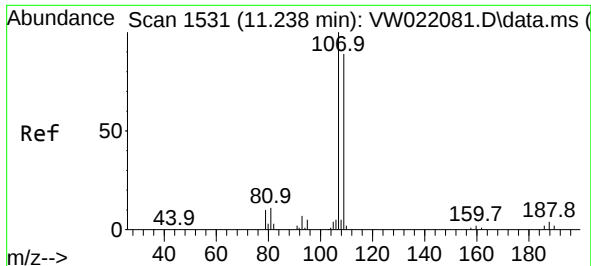
Tgt Ion:	43	Resp:	33504
Ion	Ratio	Lower	Upper
43	100		
58	58.2	49.2	73.8
57	20.3	16.6	24.8
100	15.7	13.4	20.2



#49
Dibromochloromethane
Concen: 26.762 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion:	129	Resp:	46905
Ion	Ratio	Lower	Upper
129	100		
127	69.3	52.6	97.6





#50

1,2-Dibromoethane

Concen: 26.822 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

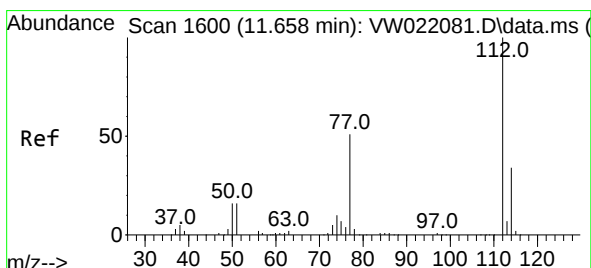
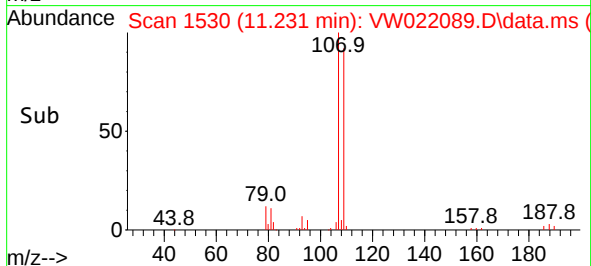
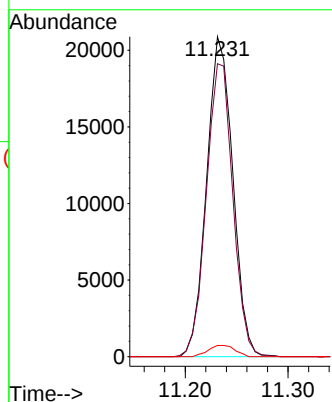
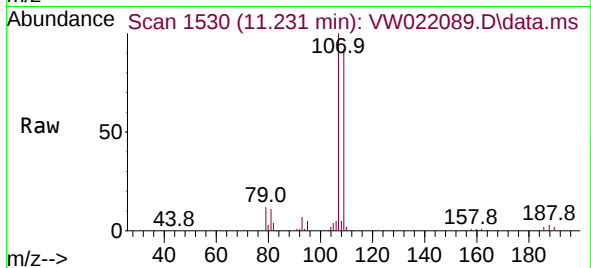
Tgt Ion:107 Resp: 36961

Ion Ratio Lower Upper

107 100

109 91.6 68.0 126.2

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 24.886 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

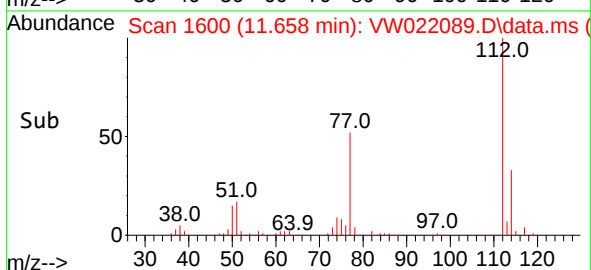
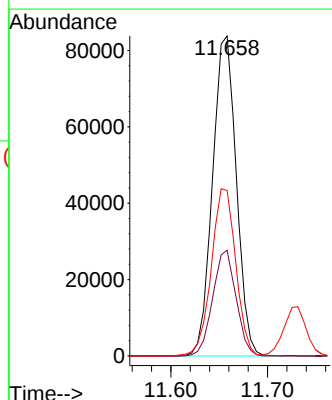
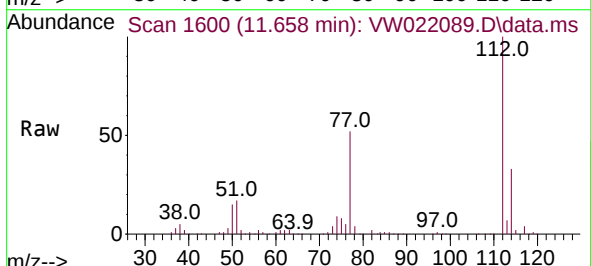
Tgt Ion:112 Resp: 143139

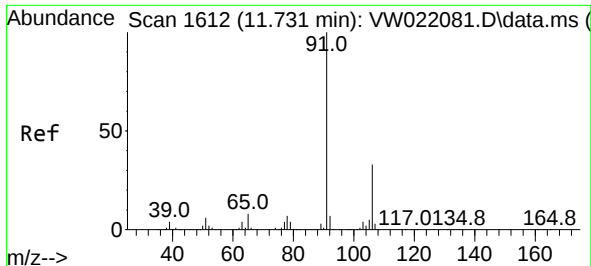
Ion Ratio Lower Upper

112 100

114 33.1 21.5 39.9

77 51.8 43.6 65.4





#52

Ethylbenzene

Concen: 24.975 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

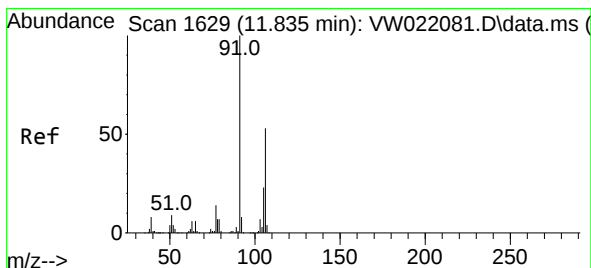
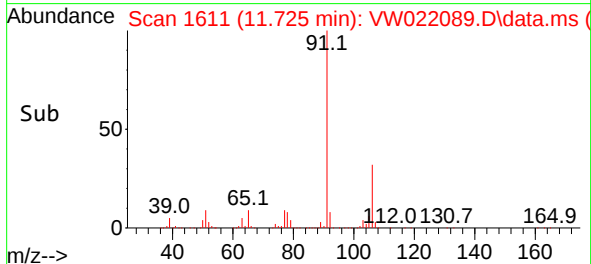
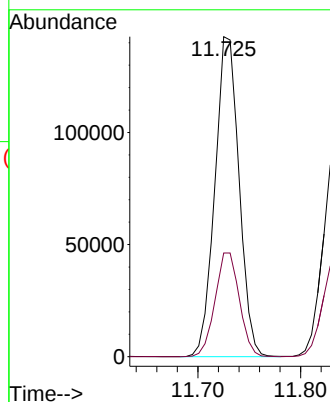
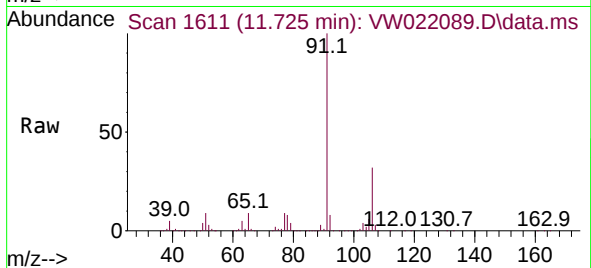
VSTD025559

Tgt Ion: 91 Resp: 232891

Ion Ratio Lower Upper

91 100

106 32.4 22.8 42.4



#53

m,p-Xylene

Concen: 25.296 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW022089.D

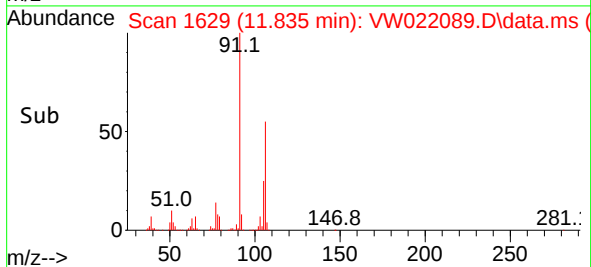
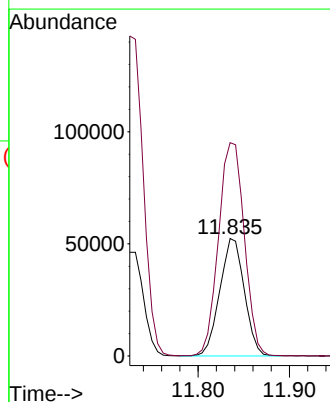
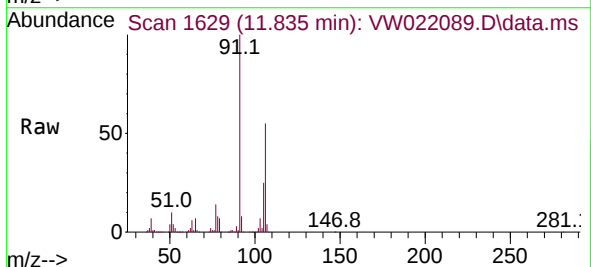
Acq: 21 Feb 2022 16:03

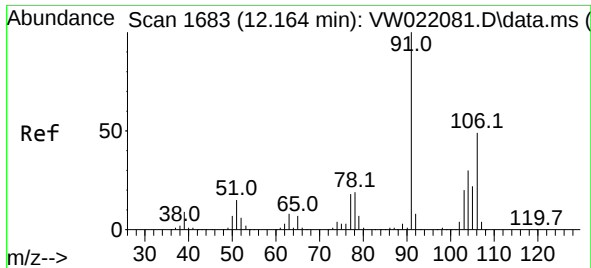
Tgt Ion:106 Resp: 97866

Ion Ratio Lower Upper

106 100

91 181.7 129.6 240.8

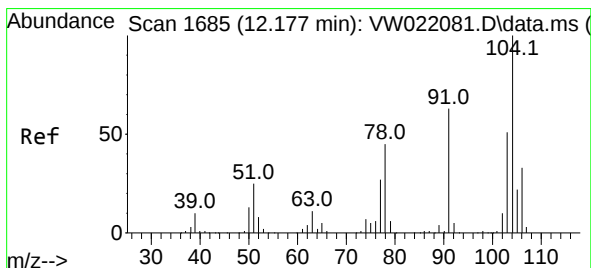
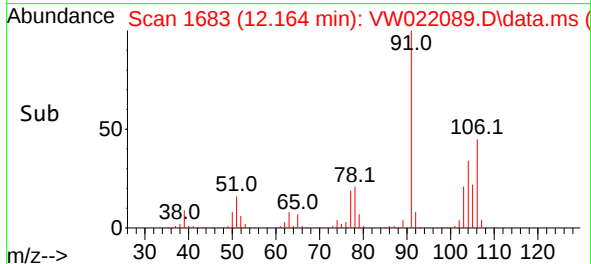
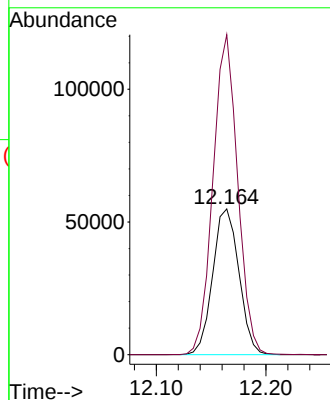
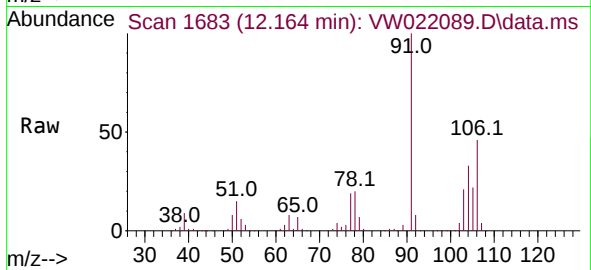




#54
o-Xylene
Concen: 25.229 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

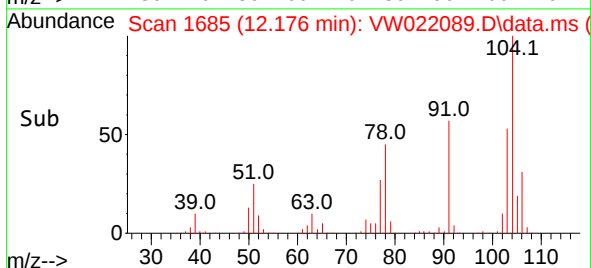
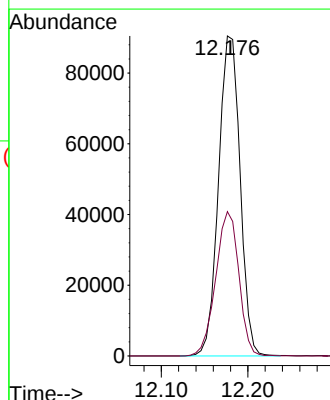
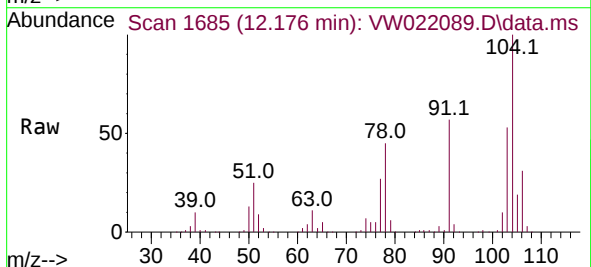
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

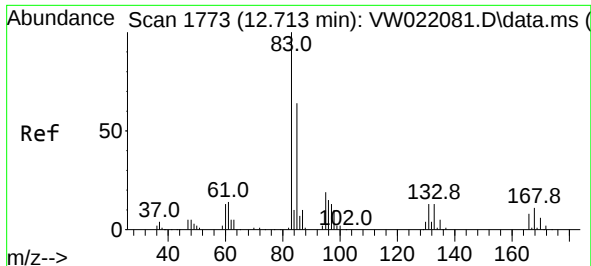
Tgt Ion:106 Resp: 91307
Ion Ratio Lower Upper
106 100
91 219.5 136.4 253.4



#55
Styrene
Concen: 26.775 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion:104 Resp: 156526
Ion Ratio Lower Upper
104 100
78 45.1 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 28.162 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

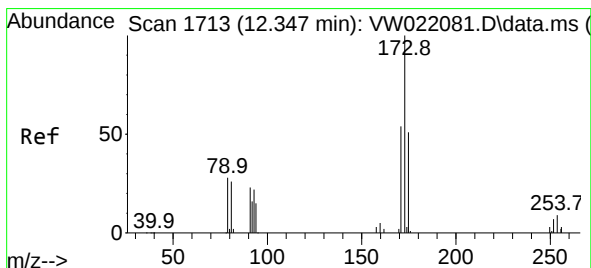
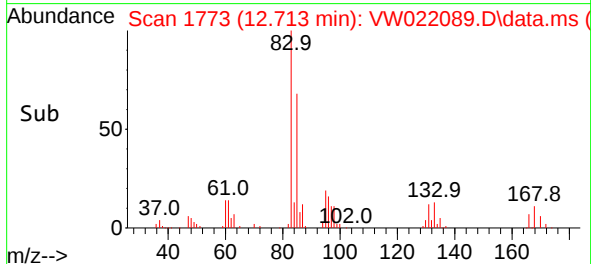
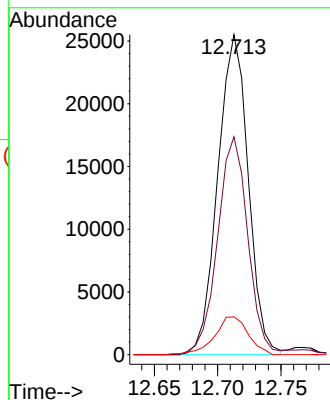
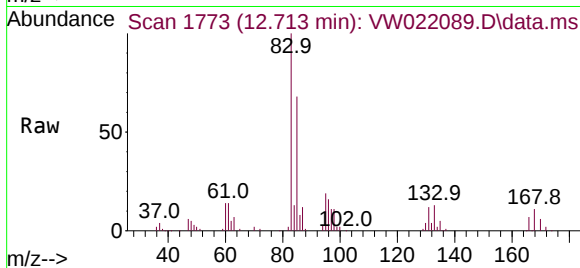
Tgt Ion: 83 Resp: 42665

Ion Ratio Lower Upper

83 100

85 68.1 43.8 81.3

131 11.8 9.8 14.8



#59

Bromoform

Concen: 25.165 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

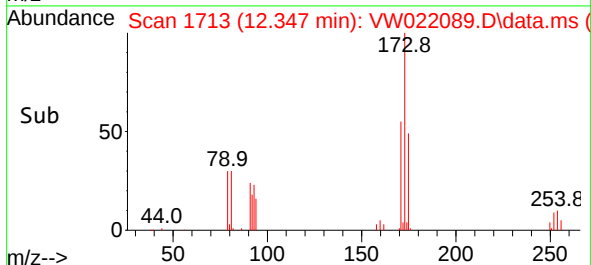
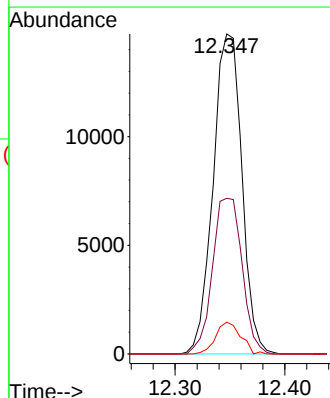
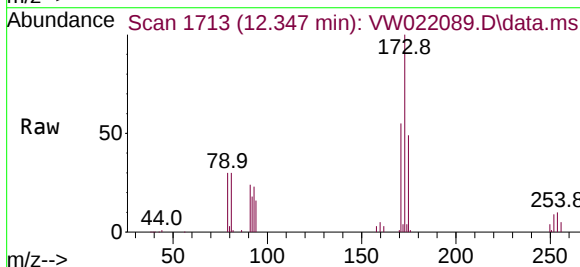
Tgt Ion: 173 Resp: 26845

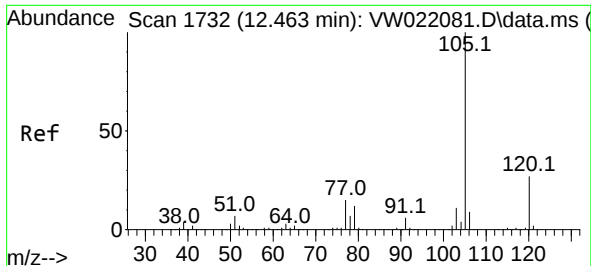
Ion Ratio Lower Upper

173 100

175 50.1 41.0 61.4

254 8.5 3.4 5.2#

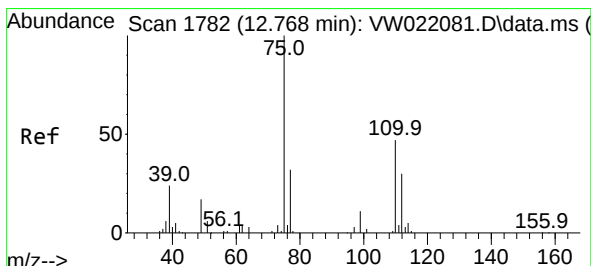
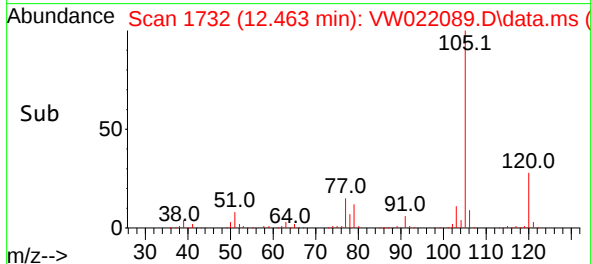
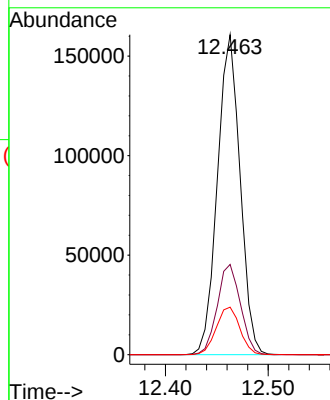
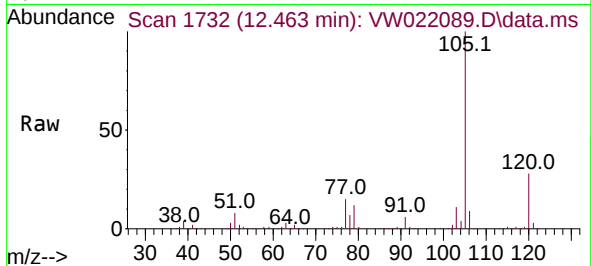




#60
Isopropylbenzene
Concen: 23.298 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

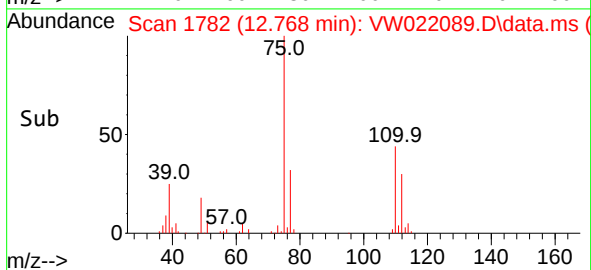
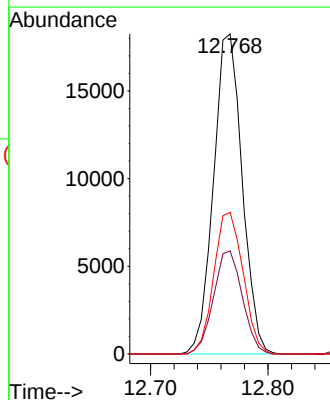
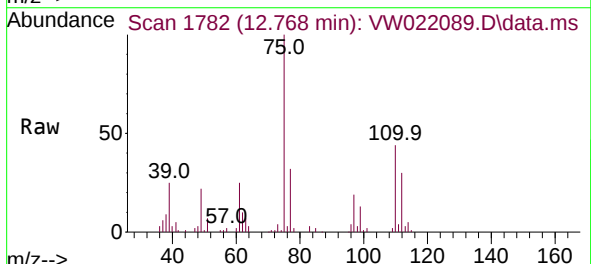
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

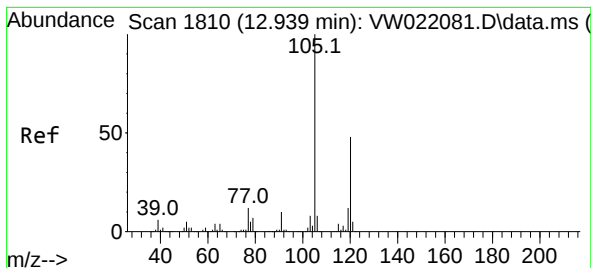
Tgt Ion:105 Resp: 245860
Ion Ratio Lower Upper
105 100
120 28.9 22.1 33.1
77 15.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 26.288 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion: 75 Resp: 30932
Ion Ratio Lower Upper
75 100
77 32.4 27.3 40.9
110 45.2 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 24.770 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

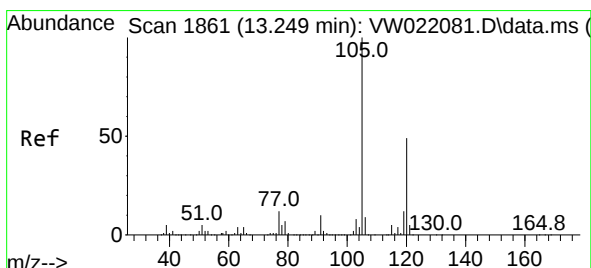
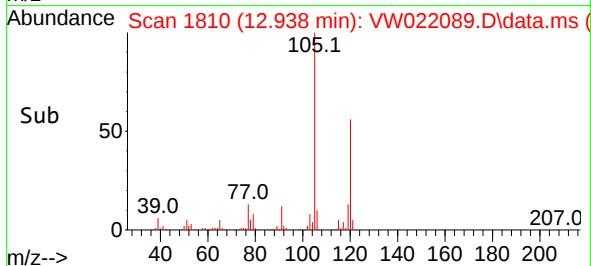
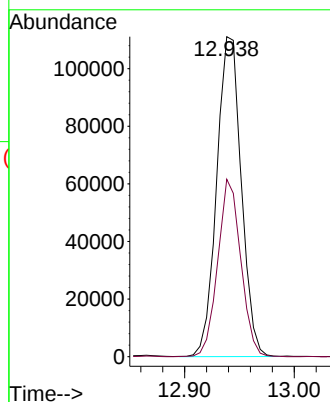
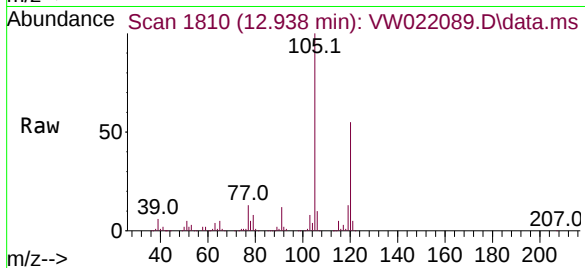
VSTD025559

Tgt Ion:105 Resp: 173357

Ion Ratio Lower Upper

105 100

120 51.9 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 25.088 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022089.D

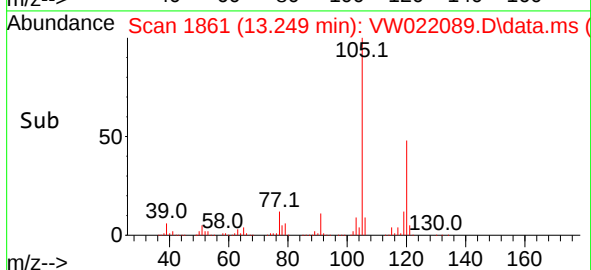
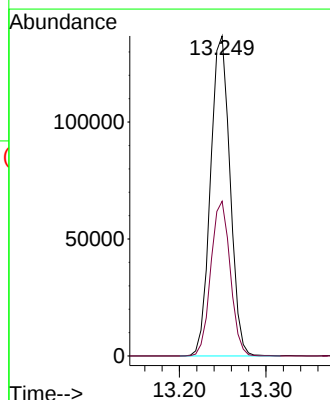
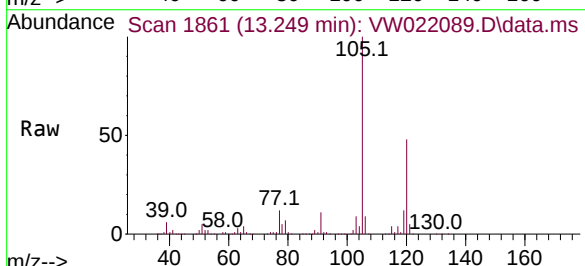
Acq: 21 Feb 2022 16:03

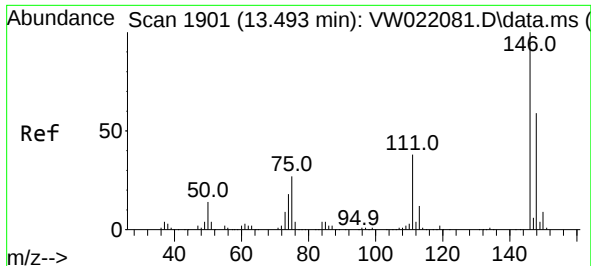
Tgt Ion:105 Resp: 213920

Ion Ratio Lower Upper

105 100

120 48.1 37.8 56.8

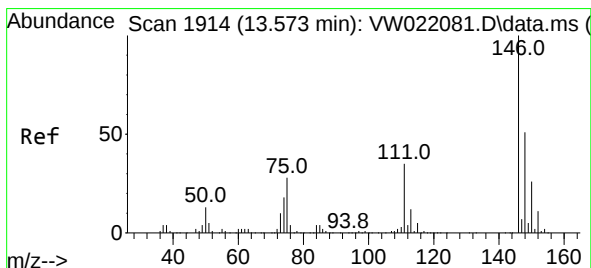
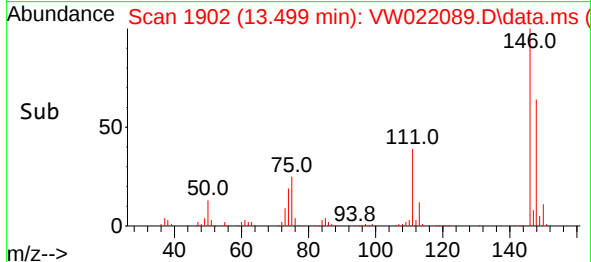
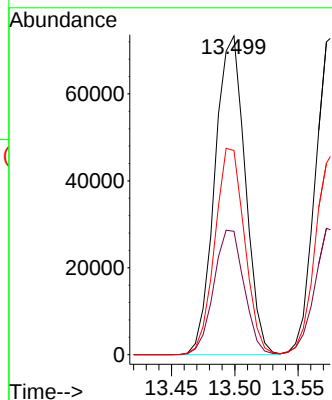
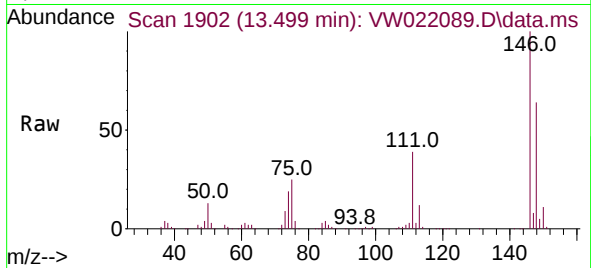




#64
1,3-Dichlorobenzene
Concen: 24.213 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

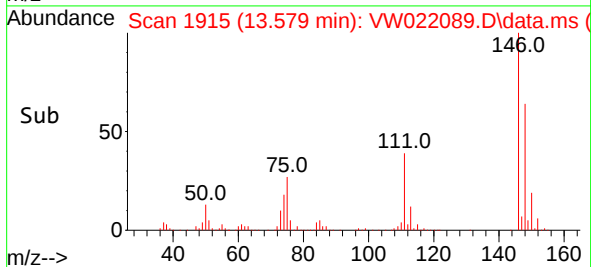
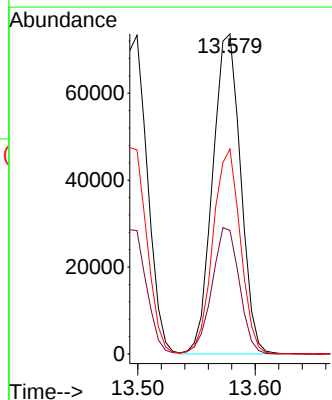
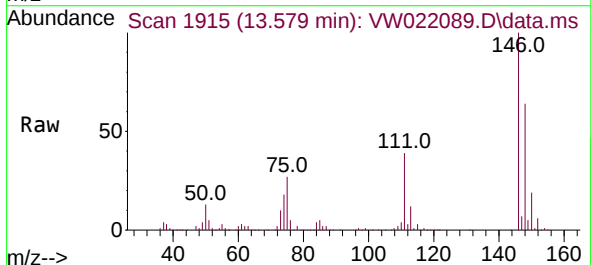
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

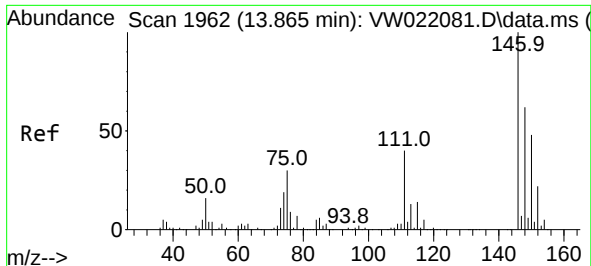
Tgt Ion:146 Resp: 122419
Ion Ratio Lower Upper
146 100
111 38.7 27.3 50.7
148 64.0 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 24.119 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion:146 Resp: 122068
Ion Ratio Lower Upper
146 100
111 38.6 24.4 45.4
148 64.0 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 24.326 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

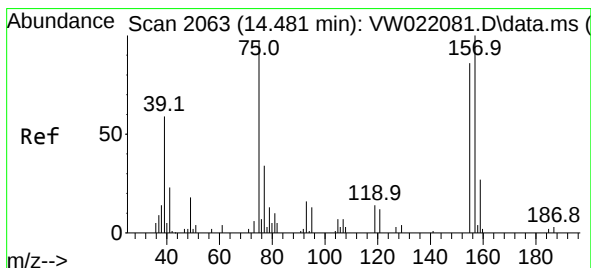
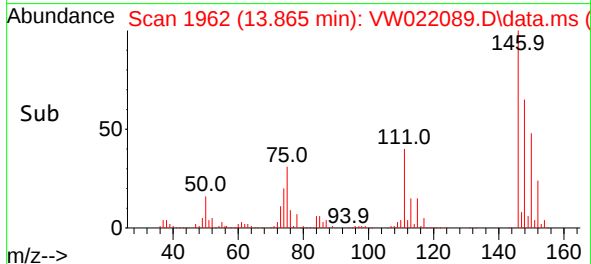
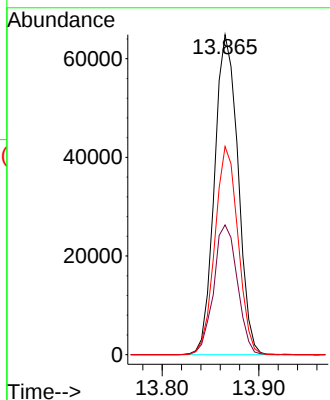
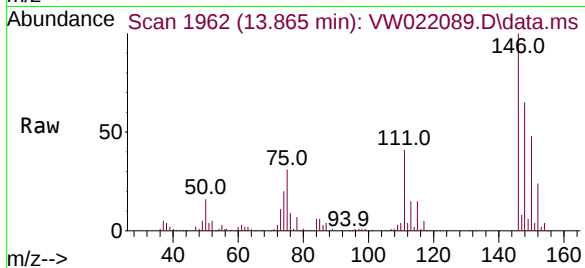
Tgt Ion:146 Resp: 109314

Ion Ratio Lower Upper

146 100

111 40.5 32.2 48.4

148 65.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 27.232 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022089.D

Acq: 21 Feb 2022 16:03

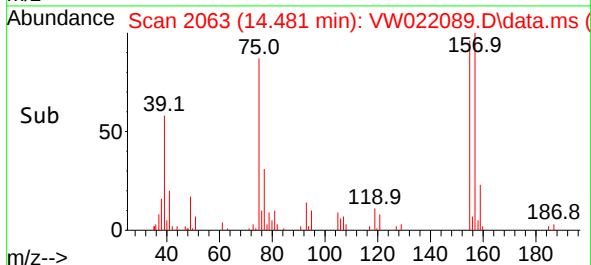
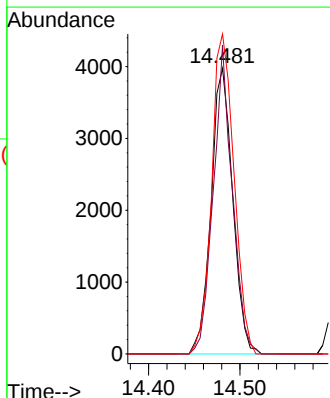
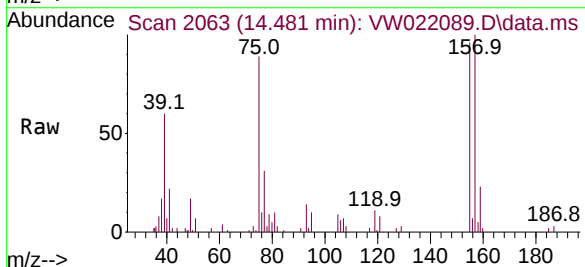
Tgt Ion: 75 Resp: 6519

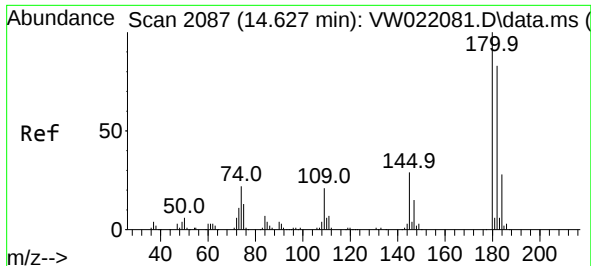
Ion Ratio Lower Upper

75 100

155 108.0 80.9 121.3

157 112.0 100.3 150.5

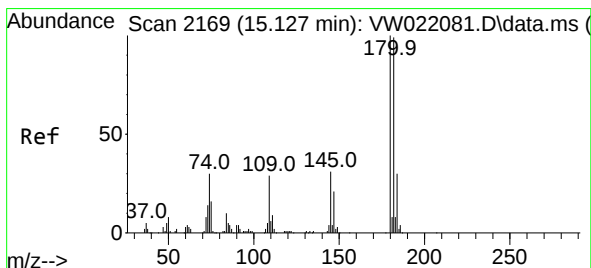
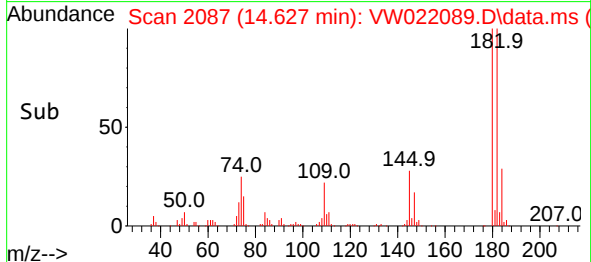
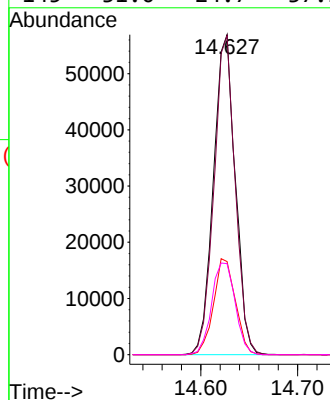
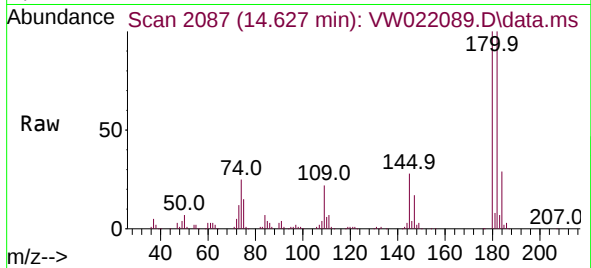




#69
1,3,5-Trichlorobenzene
Concen: 24.504 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

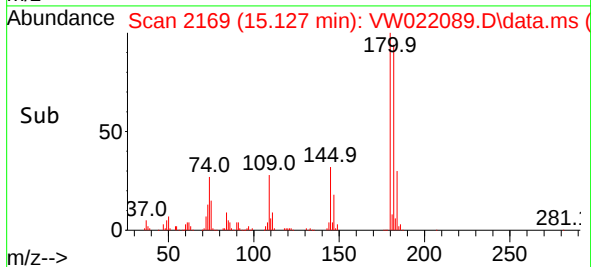
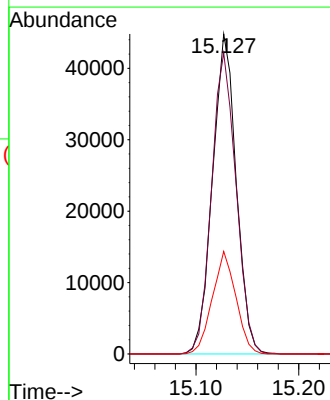
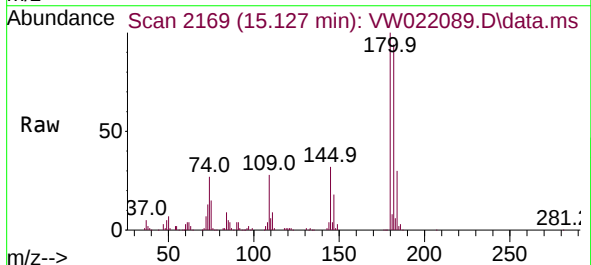
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

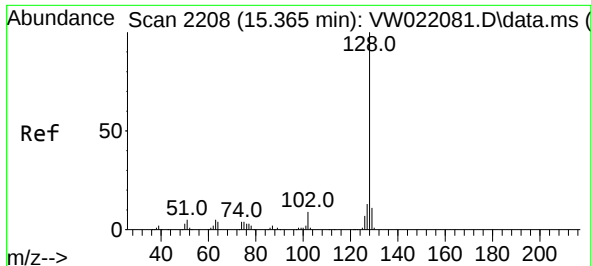
Tgt Ion:	180	Resp:	89074
Ion Ratio	Lower	Upper	
180	100		
182	96.5	77.4	116.2
184	30.1	25.2	37.8
145	31.0	24.7	37.1



#70
1,2,4-trichlorobenzene
Concen: 24.909 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion:	180	Resp:	71921
Ion Ratio	Lower	Upper	
180	100		
182	96.9	74.6	111.8
145	31.8	25.0	37.6

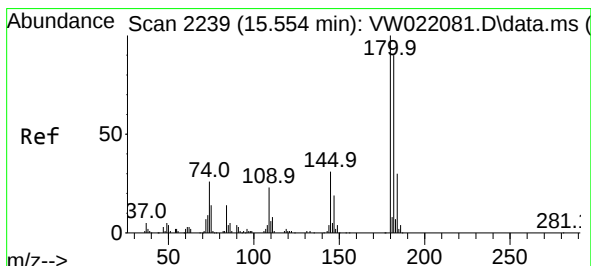
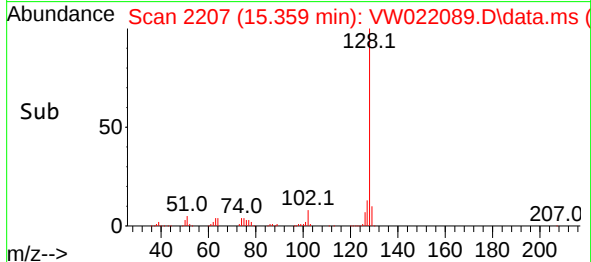
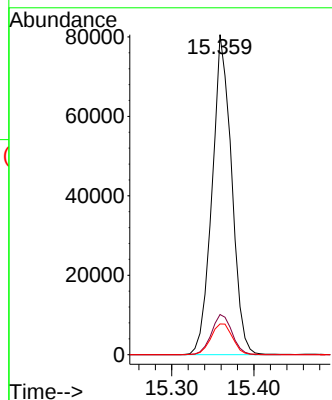
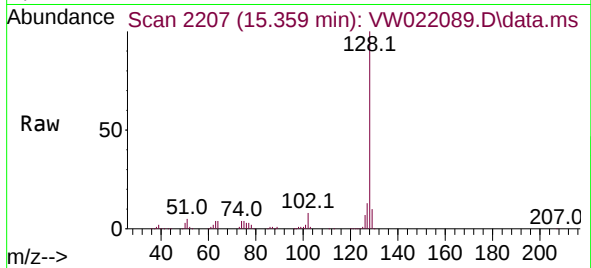




#71
Naphthalene
Concen: 28.158 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

Tgt Ion:128 Resp: 132646
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.212 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022089.D
Acq: 21 Feb 2022 16:03

Tgt Ion:180 Resp: 62221
Ion Ratio Lower Upper
180 100
182 92.9 78.6 118.0
145 34.1 27.3 40.9

