

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022022.D
 Acq On : 01 Feb 2022 23:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

Quant Time: Feb 02 01:18:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 01:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149899	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	136283	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70993	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41366	22.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.640%
7) Chloroethane-d5	2.879	69	30604	22.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.080%
11) 1,1-Dichloroethene-d2	4.019	63	71996	22.569	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.280%
21) 2-Butanone-d5	7.086	46	18149	56.670	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.340%
24) Chloroform-d	7.653	84	81092	23.252	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.305	65	42185	24.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.275	84	160511	23.306	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	9.274	67	42709	22.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.200%
41) Toluene-d8	10.323	98	157364	23.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	10.579	79	19183	23.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.520%
47) 2-Hexanone-d5	10.921	63	16648	61.127	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39149	25.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	59859	23.373	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8541	24.462	ug/L	98
3) Chloromethane	2.215	50	37971	24.104	ug/L	97
5) Vinyl chloride	2.361	62	52162	23.054	ug/L	98
6) Bromomethane	2.776	94	36439	18.939	ug/L	96
8) Chloroethane	2.916	64	25717	22.119	ug/L	97
9) Trichlorofluoromethane	3.257	101	37199	21.778	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	43107	23.819	ug/L	99
12) 1,1-Dichloroethene	4.038	96	39613	23.718	ug/L	99
13) Acetone	4.135	43	15720	52.558	ug/L	100
14) Carbon disulfide	4.379	76	111503	22.888	ug/L	98
15) Methyl Acetate	4.684	43	15649	28.611	ug/L #	88
16) Methylene chloride	4.915	84	40364	23.109	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	44771	24.039	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	63322	26.516	ug/L	100
19) 1,1-Dichloroethane	6.220	63	68466	23.727	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	46788	24.482	ug/L	99
22) 2-Butanone	7.171	43	22629	58.434	ug/L	98
23) Bromochloromethane	7.513	128	23506	24.978	ug/L	92
25) Chloroform	7.677	83	78097	23.911	ug/L	99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

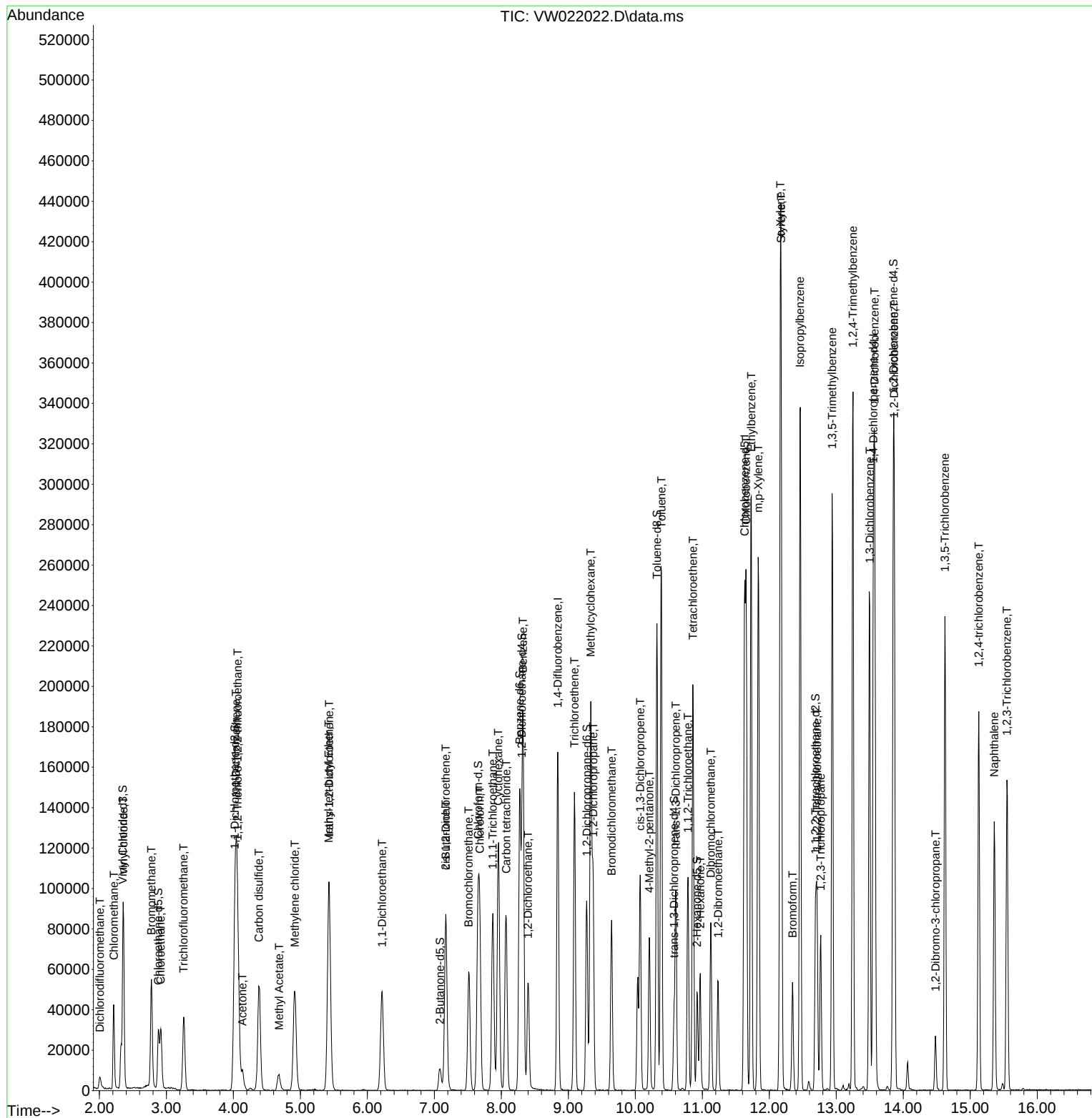
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	48817	25.391	ug/L	96
29) Cyclohexane	7.952	56	65049	24.315	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	71236	23.619	ug/L	100
31) Carbon tetrachloride	8.073	117	68838	23.319	ug/L	99
33) Benzene	8.323	78	168857	23.632	ug/L	100
34) Trichloroethene	9.092	95	48377	23.813	ug/L	97
35) Methylcyclohexane	9.335	83	83096	24.245	ug/L	99
37) 1,2-Dichloropropane	9.372	63	38380	24.456	ug/L	99
38) Bromodichloromethane	9.646	83	54064	24.123	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	61282	24.346	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	46738	60.700	ug/L	98
42) Toluene	10.390	91	197530	24.388	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	54678	25.198	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	34130	25.587	ug/L	96
46) Tetrachloroethene	10.860	164	46254	24.426	ug/L	96
48) 2-Hexanone	10.969	43	33024	57.622	ug/L	98
49) Dibromochloromethane	11.128	129	42522	25.315	ug/L	97
50) 1,2-Dibromoethane	11.238	107	35999	27.258	ug/L	96
51) Chlorobenzene	11.652	112	132256	23.993	ug/L	97
52) Ethylbenzene	11.731	91	217256	24.311	ug/L	99
53) m,p-Xylene	11.835	106	89896	24.245	ug/L	98
54) o-Xylene	12.164	106	82833	23.882	ug/L	92
55) Styrene	12.176	104	137133	24.477	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	39713	27.352	ug/L	97
59) Bromoform	12.347	173	24264	25.878	ug/L	94
60) Isopropylbenzene	12.457	105	230493	24.850	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29421	28.447	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	159144	25.870	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	188040	25.089	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	106526	23.971	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	106107	23.853	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	97951	24.800	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	5896	28.021	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	75836	23.735	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	59956	23.624	ug/L	95
71) Naphthalene	15.359	128	119767	28.925	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	54566	25.155	ug/L	95

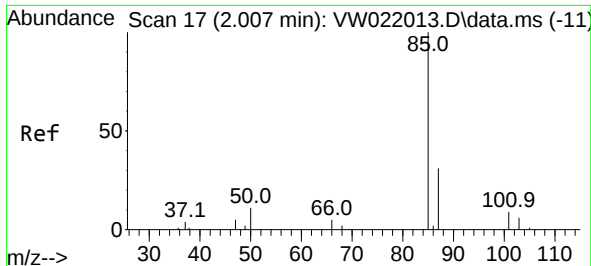
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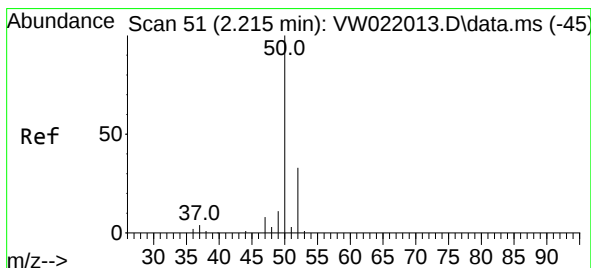
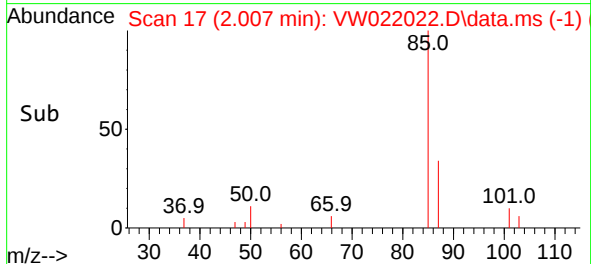
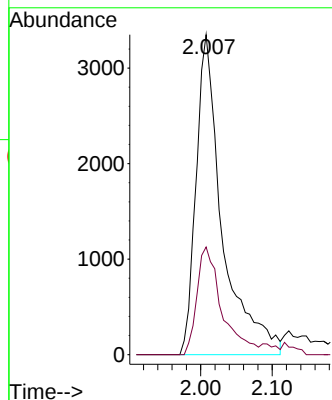
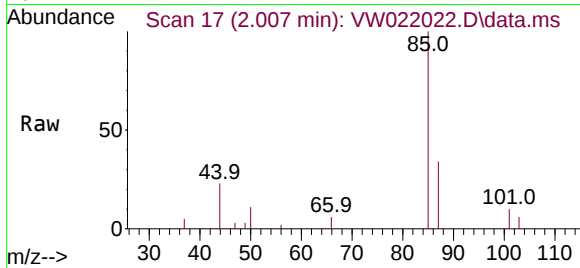




#2
 Dichlorodifluoromethane
 Concen: 24.462 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022022.D
 Acq: 01 Feb 2022 23:56

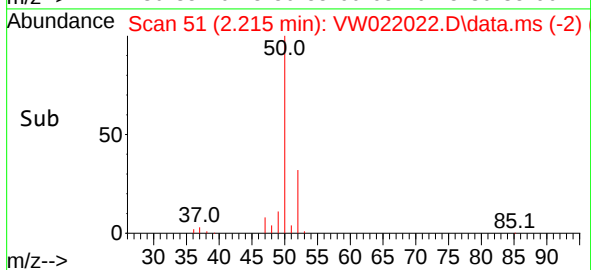
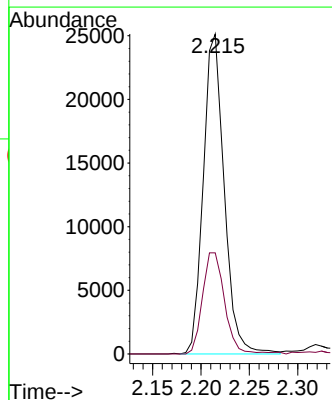
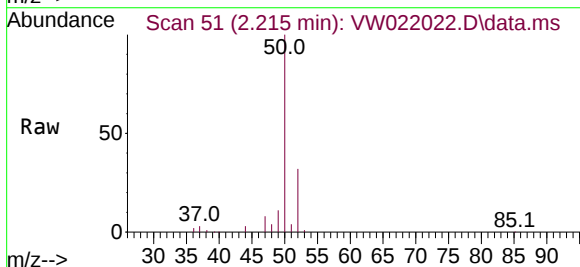
Instrument :
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 ClientSampleId :
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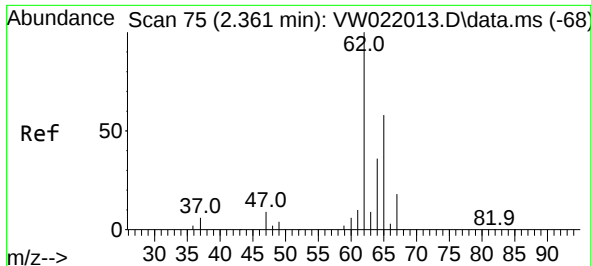
Tgt Ion: 85 Resp: 8541
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 24.104 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022022.D
 Acq: 01 Feb 2022 23:56

Tgt Ion: 50 Resp: 37971
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.3 43.3

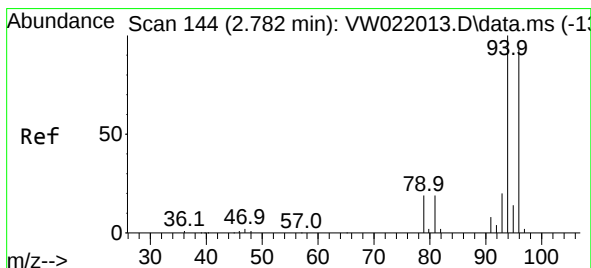
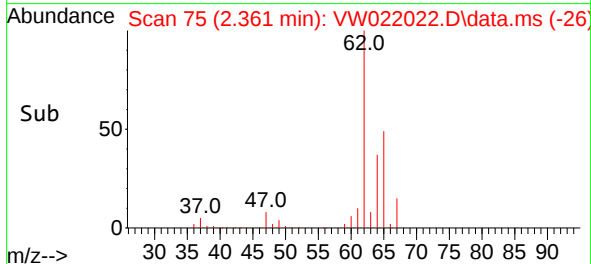
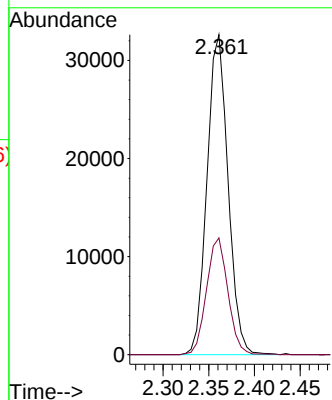
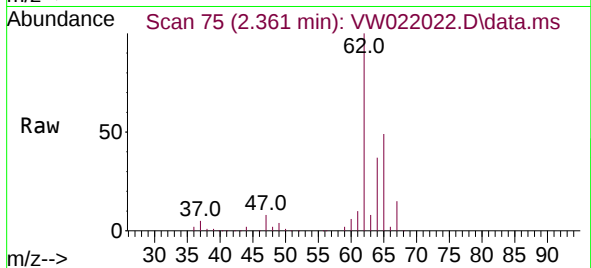




#5
 Vinyl chloride
 Concen: 23.054 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022022.D
 Acq: 01 Feb 2022 23:56

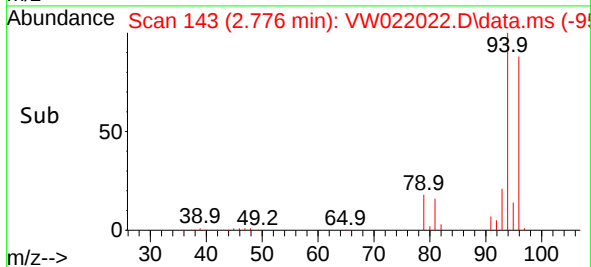
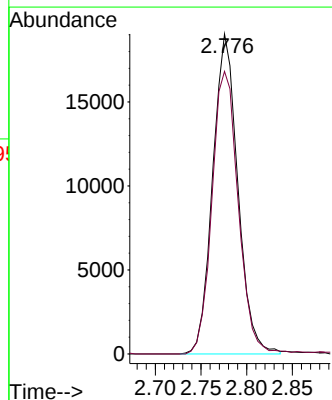
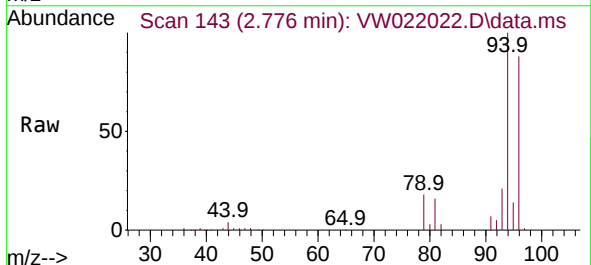
Instrument :
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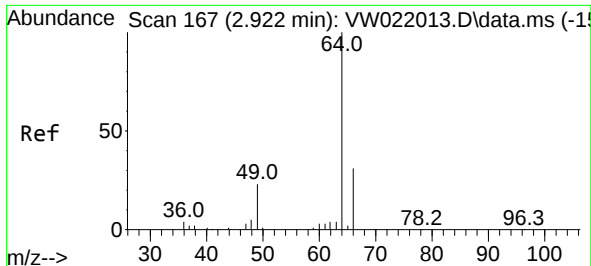
Tgt Ion: 62 Resp: 52162
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.6 45.6



#6
 Bromomethane
 Concen: 18.939 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022022.D
 Acq: 01 Feb 2022 23:56

Tgt Ion: 94 Resp: 36439
 Ion Ratio Lower Upper
 94 100
 96 88.3 64.6 120.0

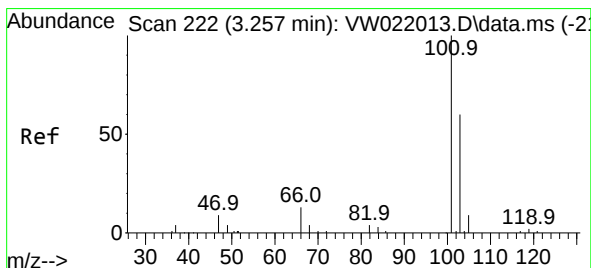
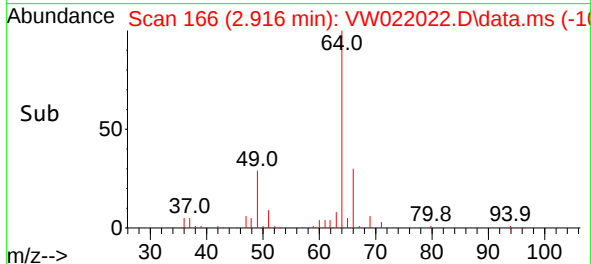
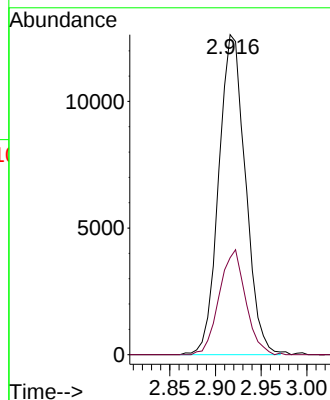
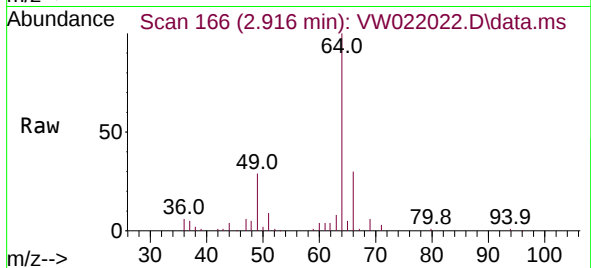




#8
Chloroethane
Concen: 22.119 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

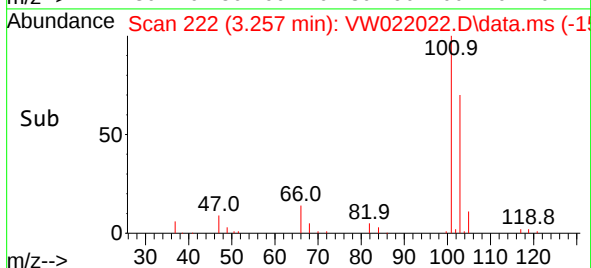
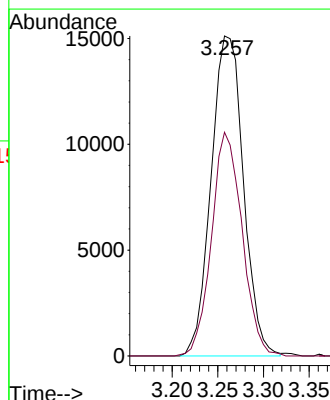
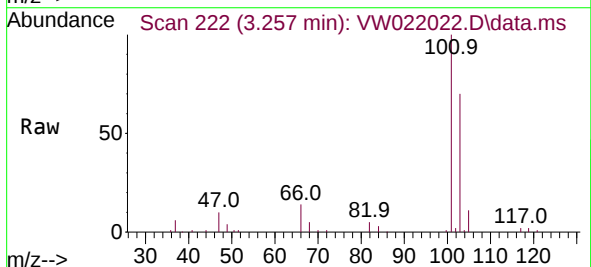
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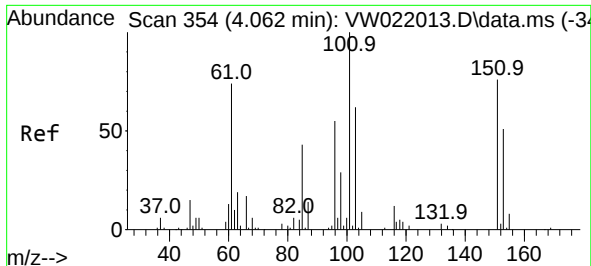
Tgt Ion: 64 Resp: 25717
Ion Ratio Lower Upper
64 100
66 30.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.778 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion: 101 Resp: 37199
Ion Ratio Lower Upper
101 100
103 66.1 52.9 79.3

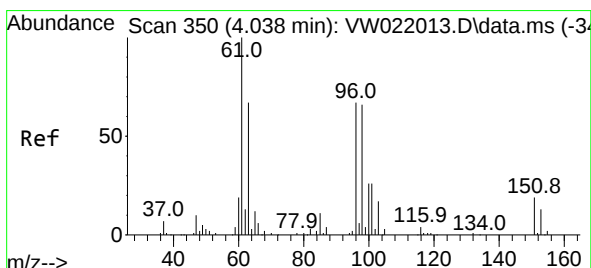
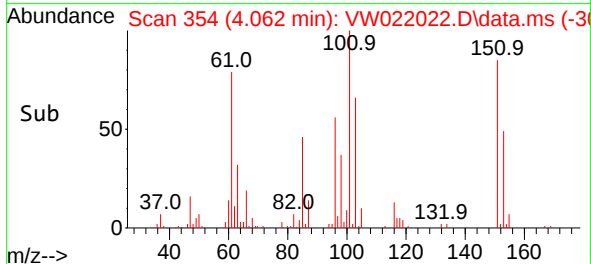
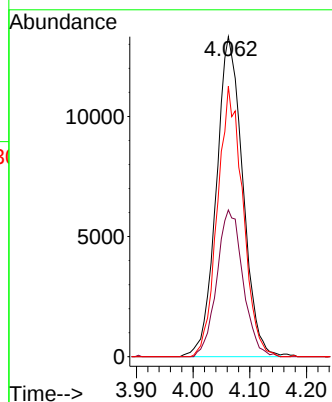
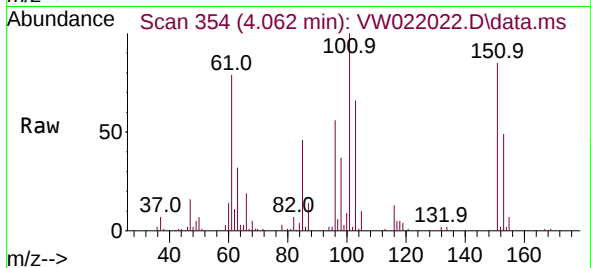




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.819 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022022.D
 Acq: 01 Feb 2022 23:56

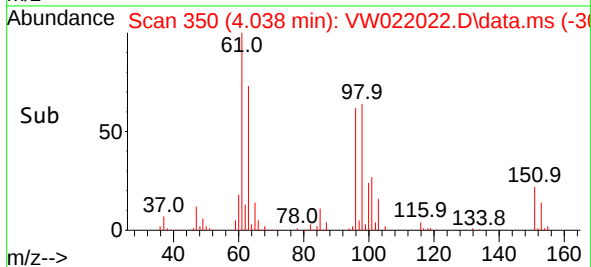
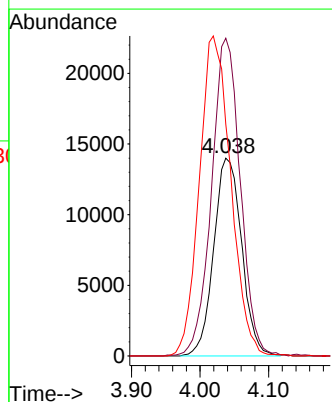
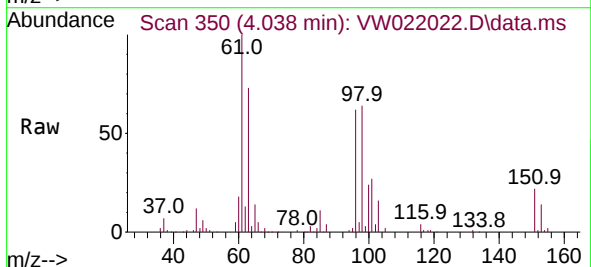
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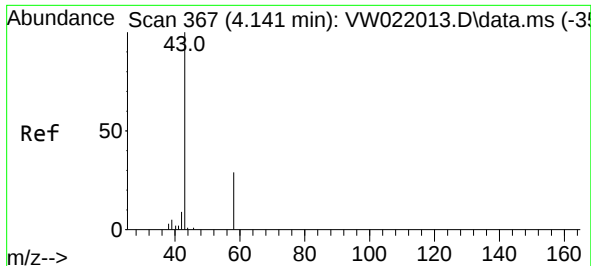
Tgt Ion:101 Resp: 43107
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.8 55.2
 151 81.1 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 23.718 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022022.D
 Acq: 01 Feb 2022 23:56

Tgt Ion: 96 Resp: 39613
 Ion Ratio Lower Upper
 96 100
 61 160.7 111.5 207.1
 63 117.1 83.1 154.3





#13

Acetone

Concen: 52.558 ug/L

RT: 4.135 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

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ClientSampleId :

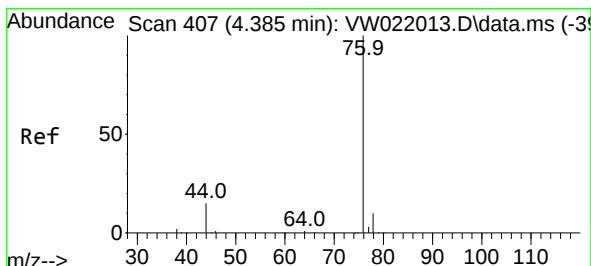
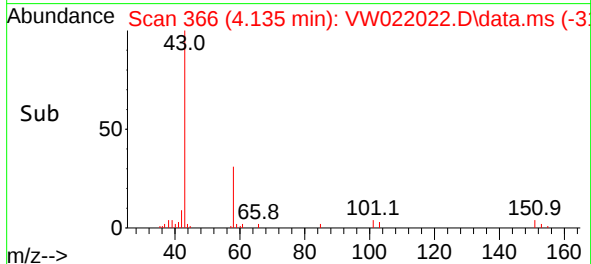
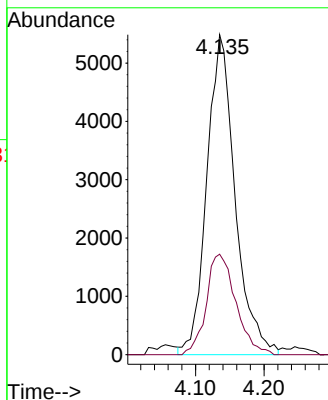
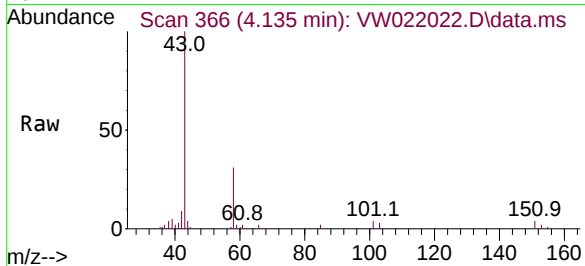
VSTD025550

Tgt Ion: 43 Resp: 15720

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.0



#14

Carbon disulfide

Concen: 22.888 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW022022.D

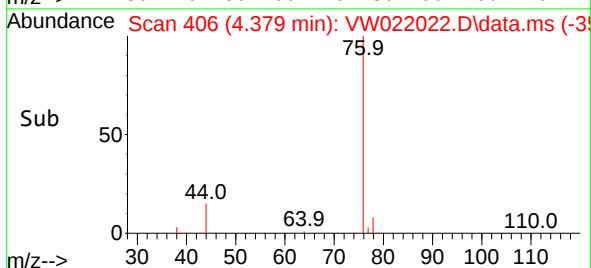
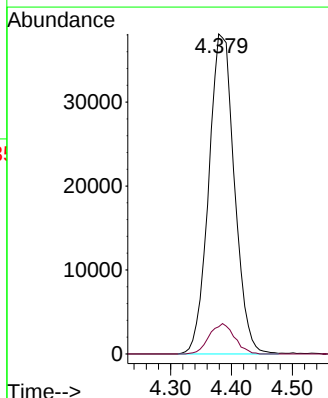
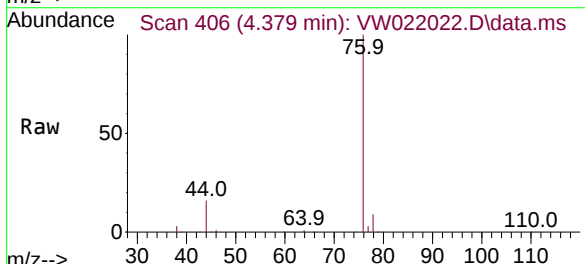
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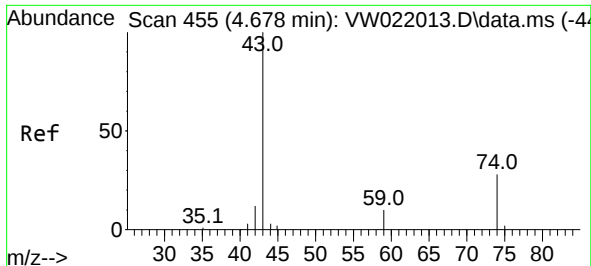
Tgt Ion: 76 Resp: 111503

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2

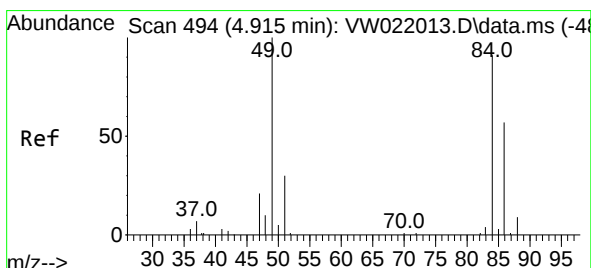
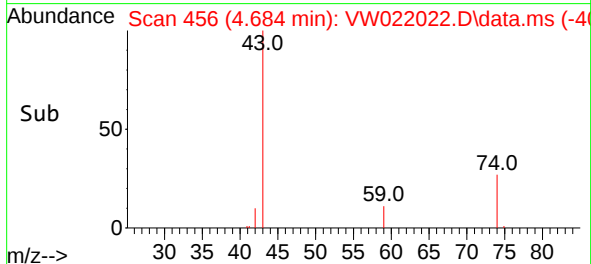
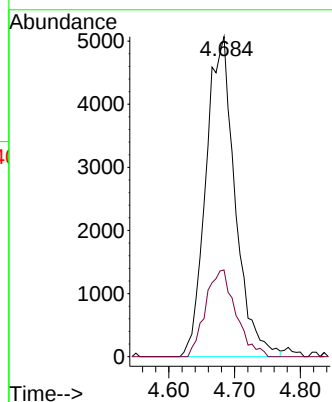
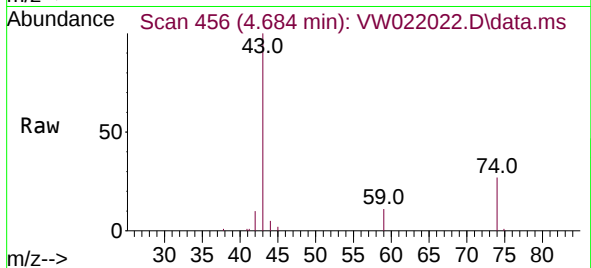




#15
Methyl Acetate
Concen: 28.611 ug/L
RT: 4.684 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

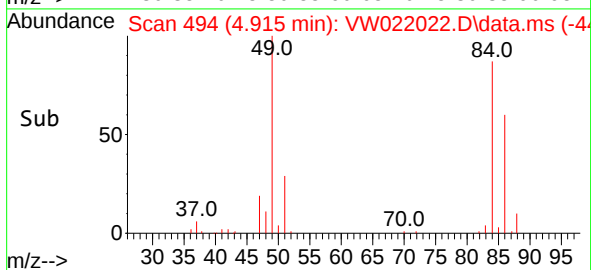
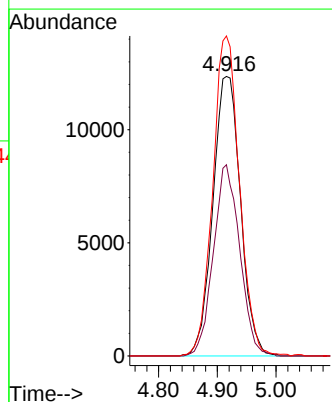
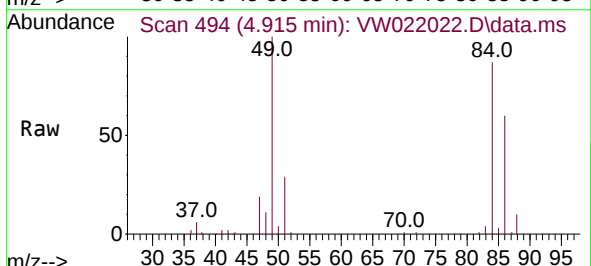
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

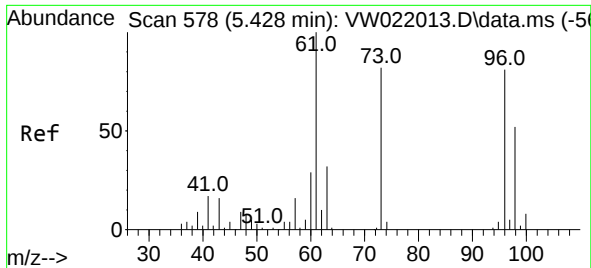
Tgt Ion: 43 Resp: 15649
Ion Ratio Lower Upper
43 100
74 28.1 18.0 27.0#



#16
Methylene chloride
Concen: 23.109 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion: 84 Resp: 40364
Ion Ratio Lower Upper
84 100
86 68.4 44.1 81.9
49 114.5 74.7 138.7



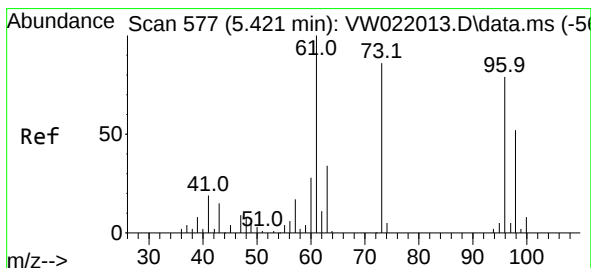
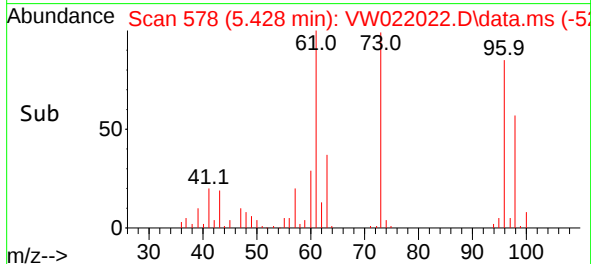
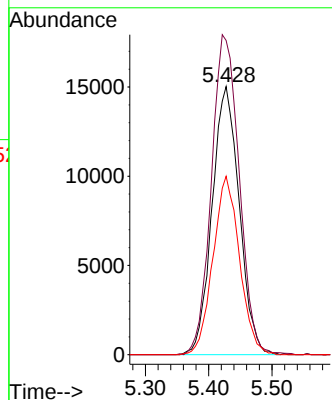
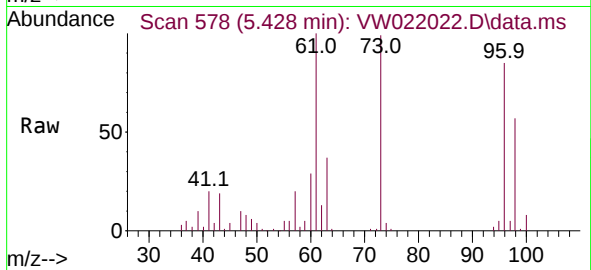


#17
trans-1,2-Dichloroethene
Concen: 24.039 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Tgt Ion: 96 Resp: 44771

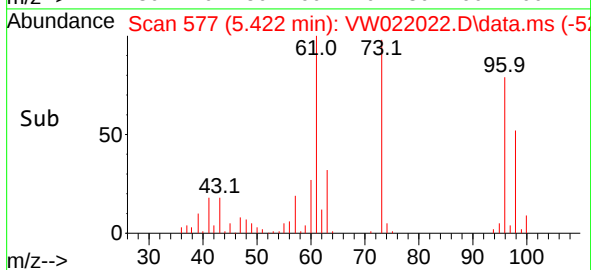
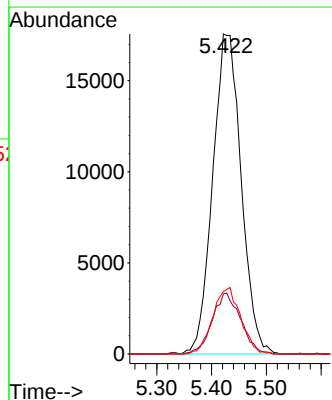
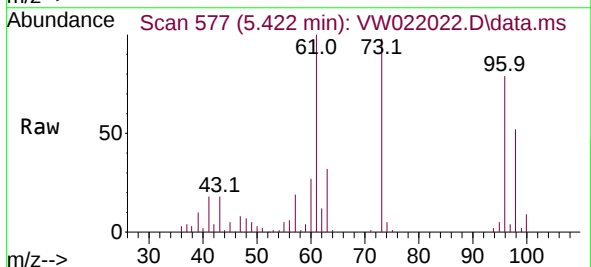
Ion	Ratio	Lower	Upper
96	100		
61	117.2	84.3	156.5
98	66.5	44.6	82.8

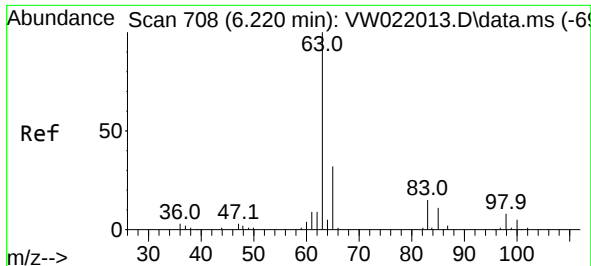


#18
Methyl tert-butyl Ether
Concen: 26.516 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion: 73 Resp: 63322

Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.3	22.9
57	20.2	16.3	24.5





#19

1,1-Dichloroethane

Concen: 23.727 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

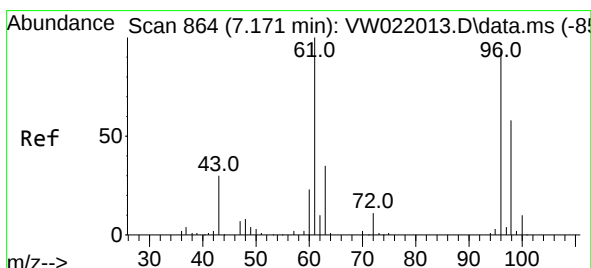
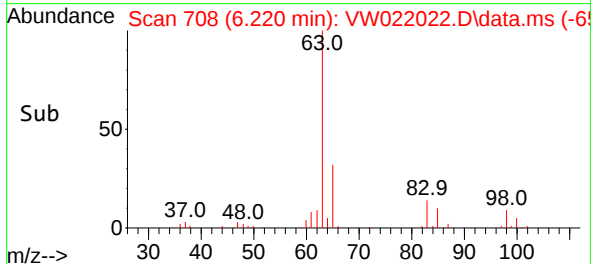
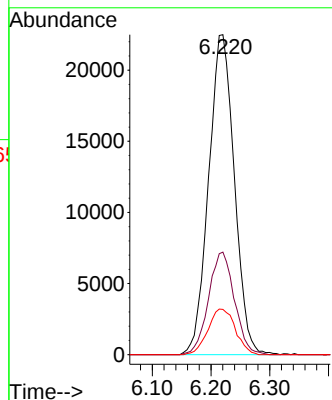
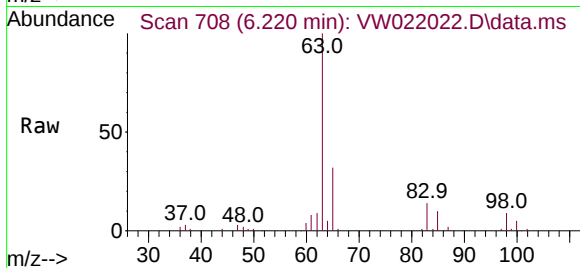
Tgt Ion: 63 Resp: 68466

Ion Ratio Lower Upper

63 100

65 32.1 20.9 38.7

83 14.1 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 24.482 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

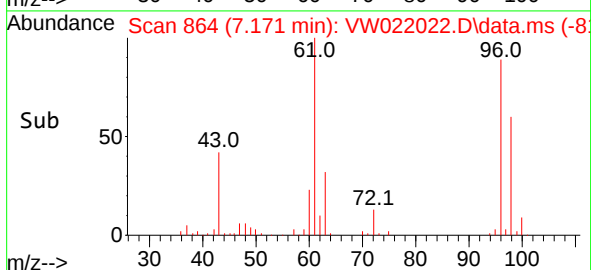
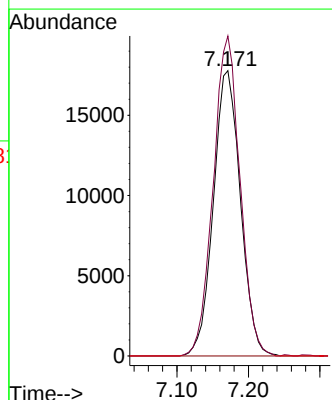
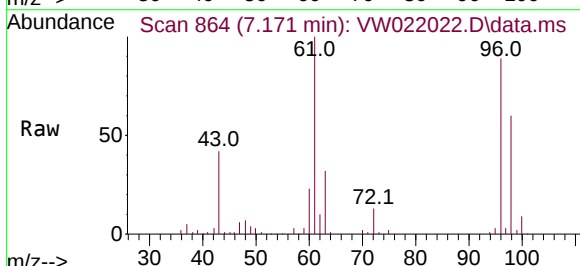
Tgt Ion: 96 Resp: 46788

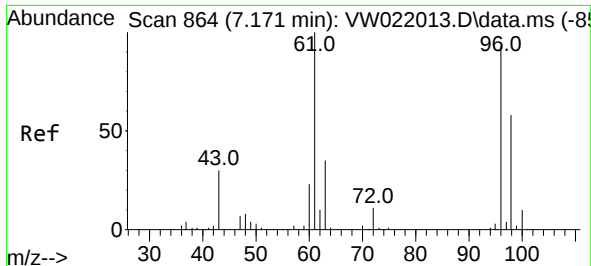
Ion Ratio Lower Upper

96 100

61 112.2 79.0 146.8

68 0.0 0.0 0.0

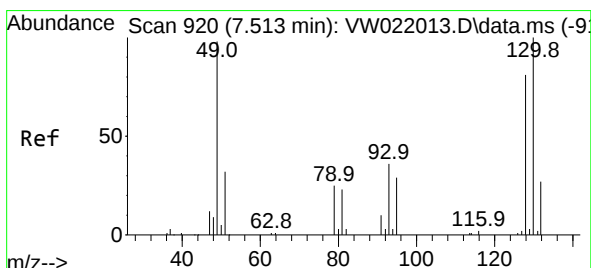
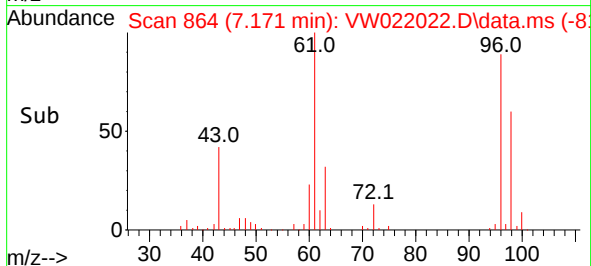
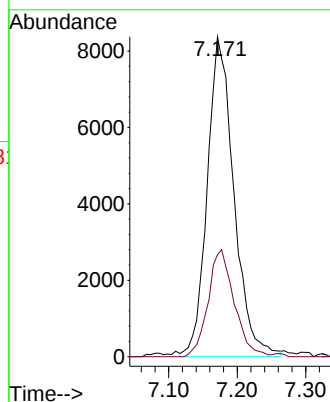
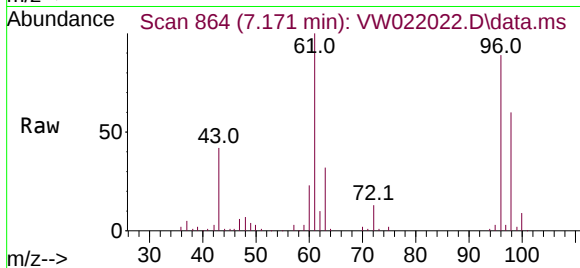




#22
2-Butanone
Concen: 58.434 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

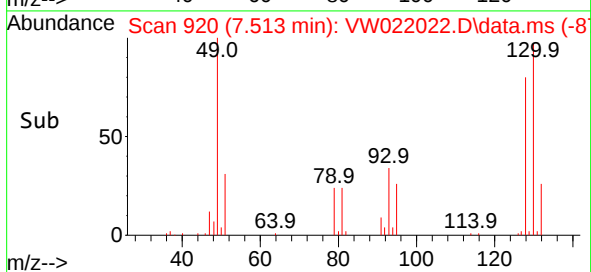
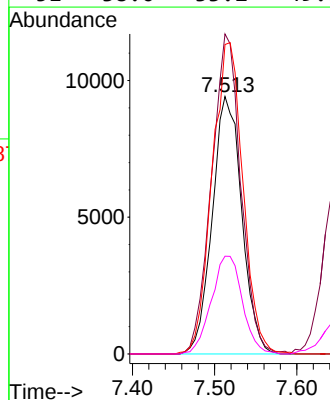
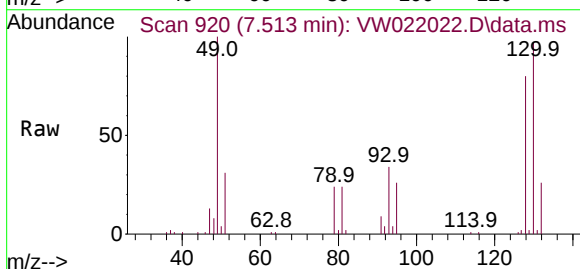
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

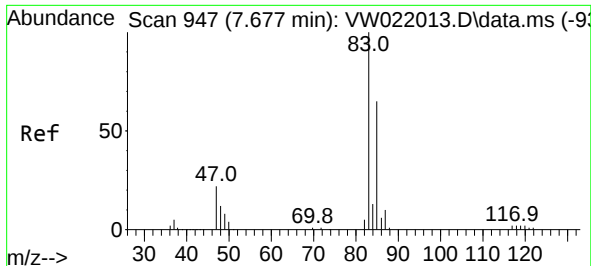
Tgt Ion: 43 Resp: 22629
Ion Ratio Lower Upper
43 100
72 32.7 16.8 50.4



#23
Bromochloromethane
Concen: 24.978 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion: 128 Resp: 23506
Ion Ratio Lower Upper
128 100
49 124.3 92.7 172.3
130 120.2 92.5 171.7
51 38.0 33.2 49.8

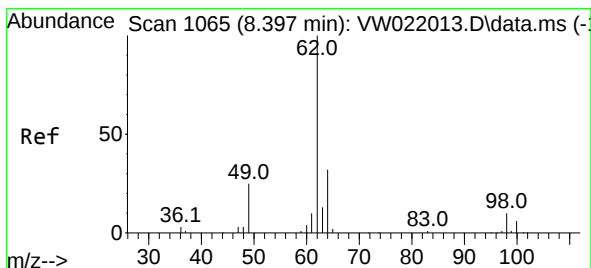
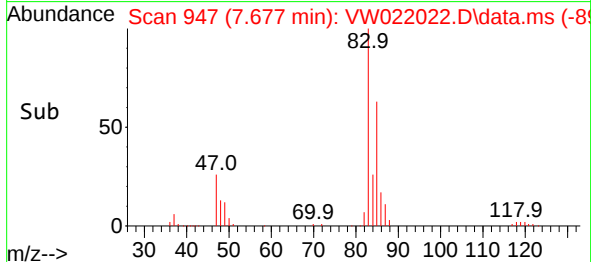
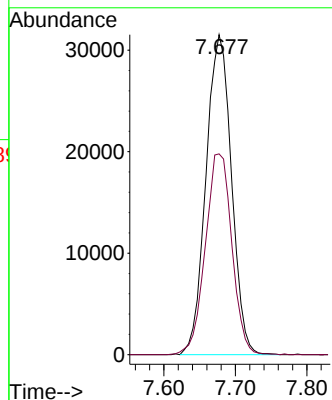
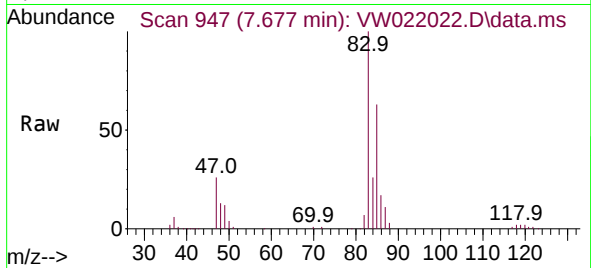




#25
Chloroform
Concen: 23.911 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

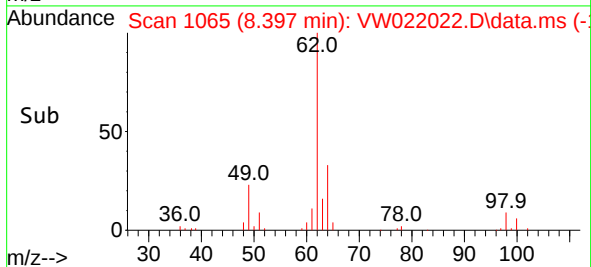
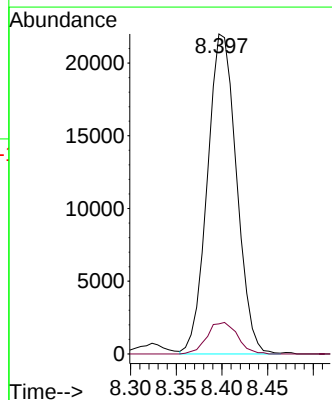
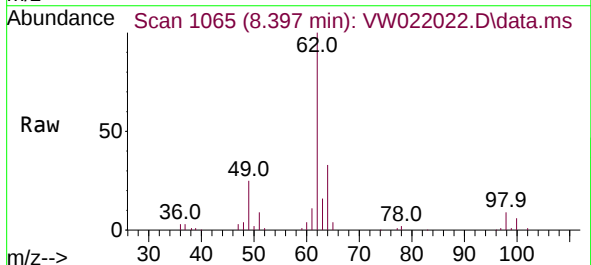
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

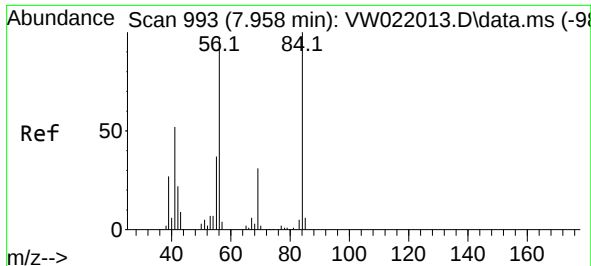
Tgt Ion: 83 Resp: 78097
Ion Ratio Lower Upper
83 100
85 62.8 44.2 82.2



#27
1,2-Dichloroethane
Concen: 25.391 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

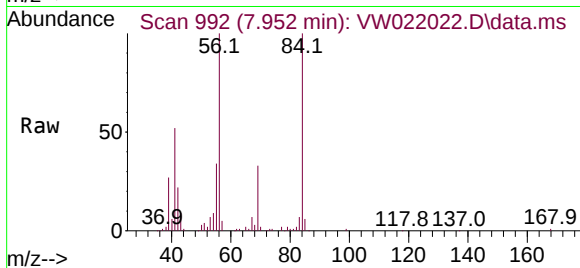
Tgt Ion: 62 Resp: 48817
Ion Ratio Lower Upper
62 100
98 9.4 8.8 13.2



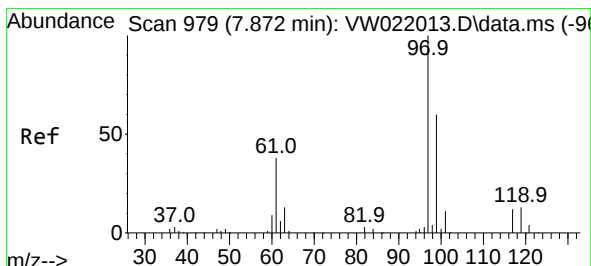
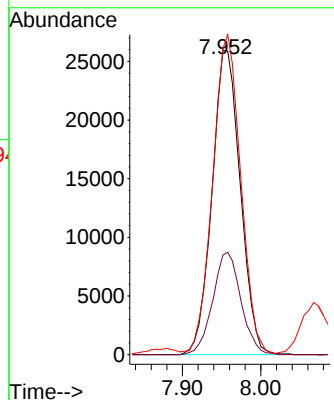
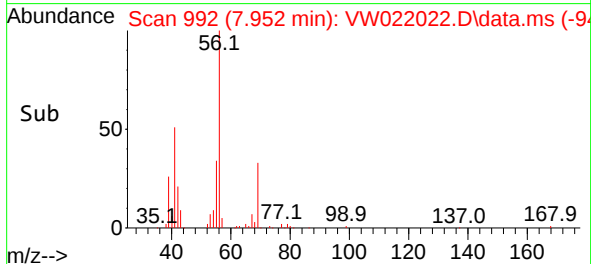


#29
Cyclohexane
Concen: 24.315 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

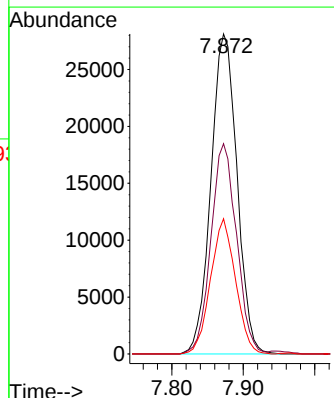
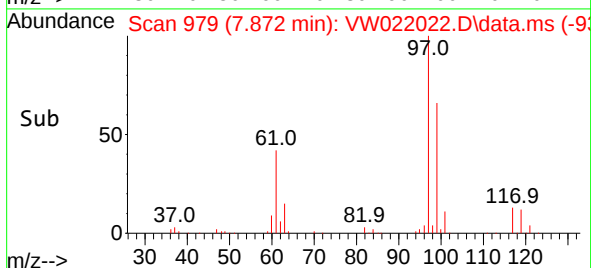
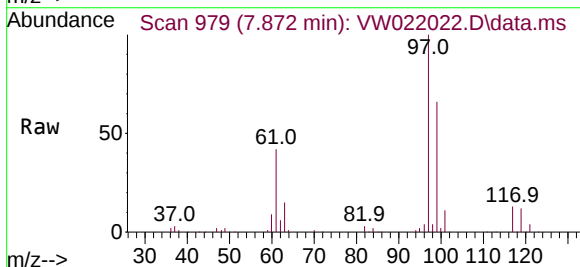


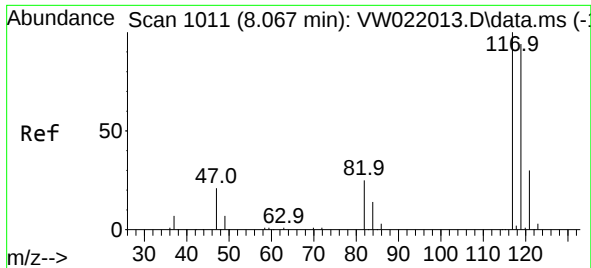
Tgt Ion: 56	Resp: 65049
Ion Ratio	Lower Upper
56 100	
69 33.5	26.3 39.5
84 104.2	82.3 123.5



#30
1,1,1-Trichloroethane
Concen: 23.619 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion: 97	Resp: 71236
Ion Ratio	Lower Upper
97 100	
99 64.7	51.6 77.4
61 40.4	32.3 48.5

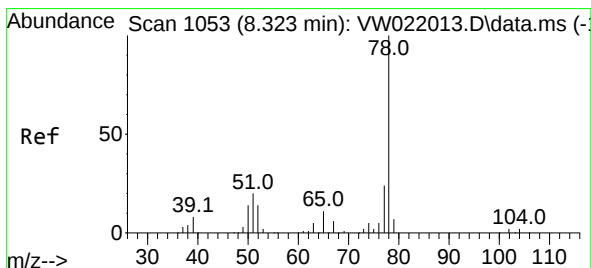
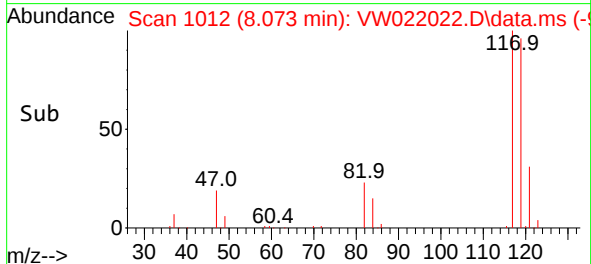
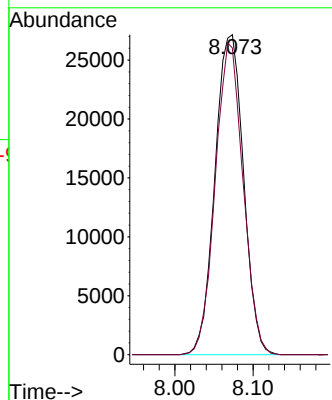
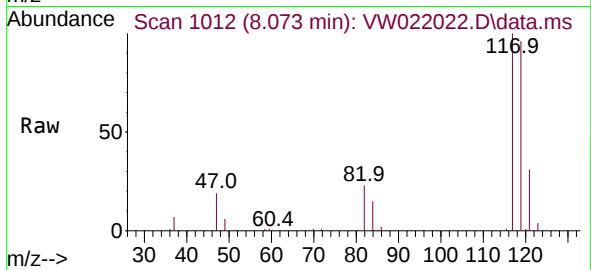




#31
Carbon tetrachloride
Concen: 23.319 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

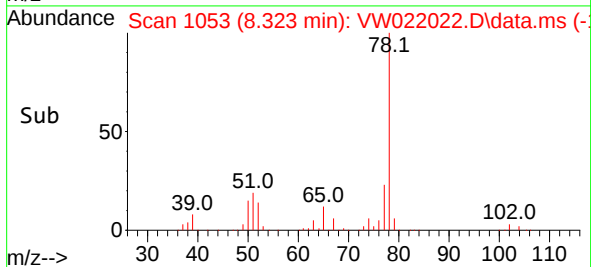
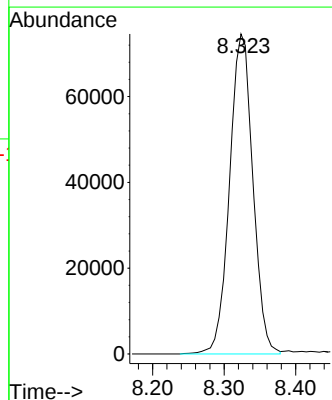
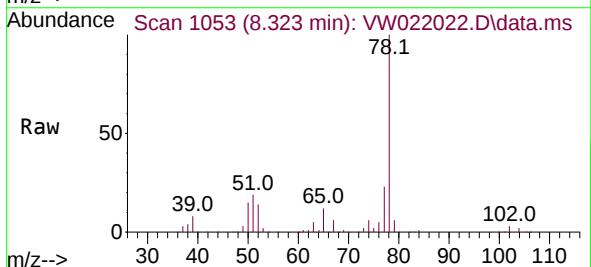
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

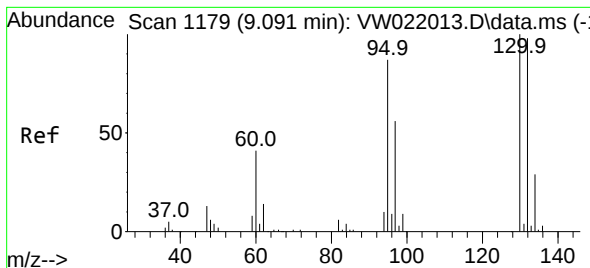
Tgt Ion:117 Resp: 68838
Ion Ratio Lower Upper
117 100
119 94.7 74.7 112.1



#33
Benzene
Concen: 23.632 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion: 78 Resp: 168857





#34

Trichloroethene

Concen: 23.813 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

Tgt Ion: 95 Resp: 48377

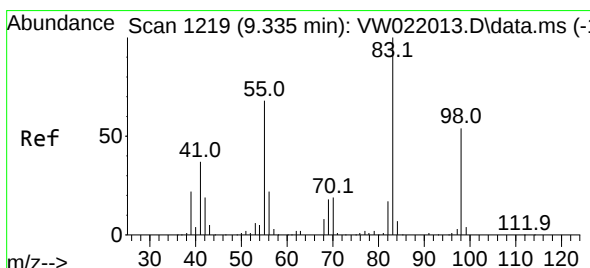
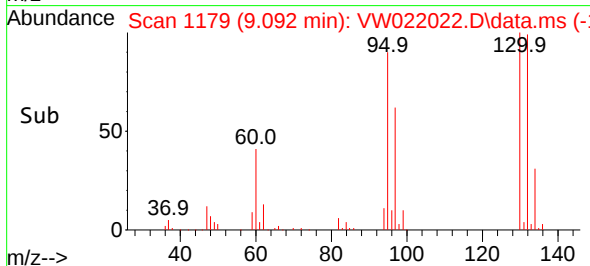
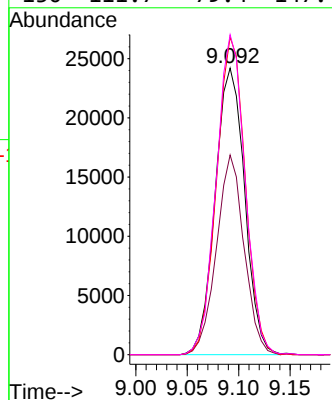
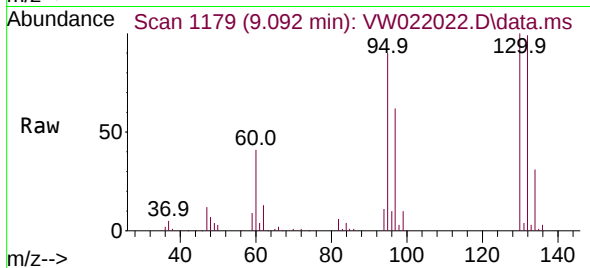
Ion Ratio Lower Upper

95 100

97 69.7 45.1 83.7

132 110.8 76.1 141.3

130 111.7 79.4 147.4



#35

Methylcyclohexane

Concen: 24.245 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

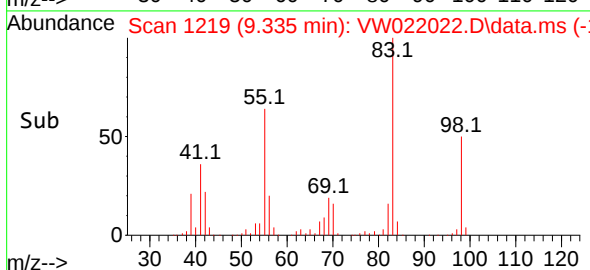
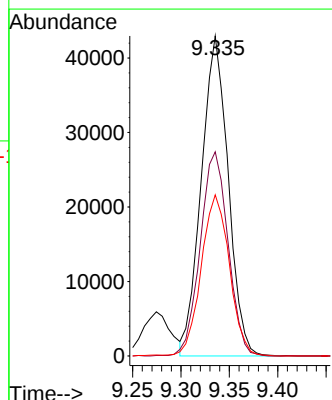
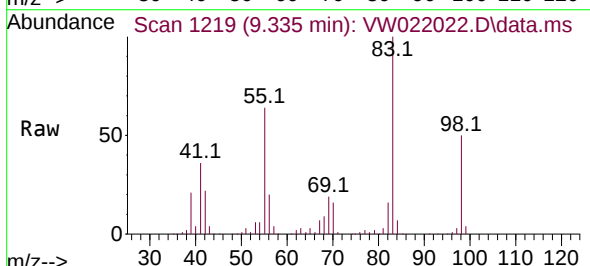
Tgt Ion: 83 Resp: 83096

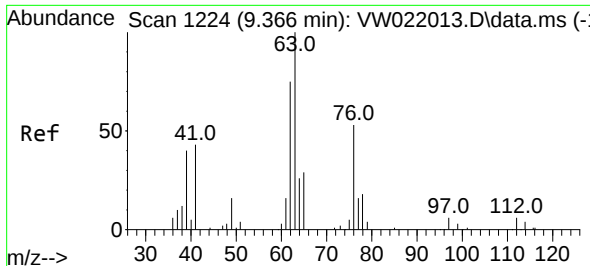
Ion Ratio Lower Upper

83 100

55 66.0 53.4 80.2

98 52.9 42.6 63.8





#37

1,2-Dichloropropane

Concen: 24.456 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

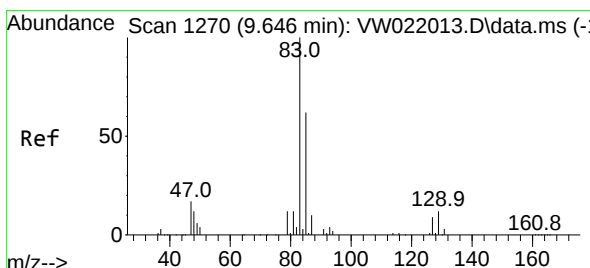
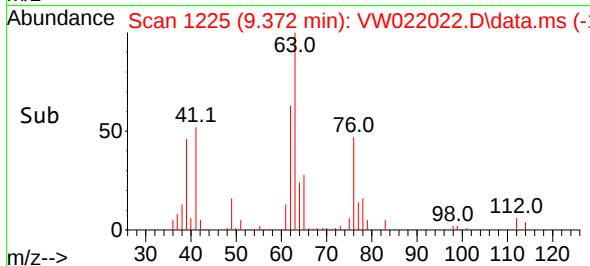
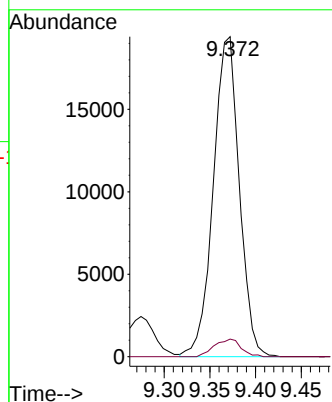
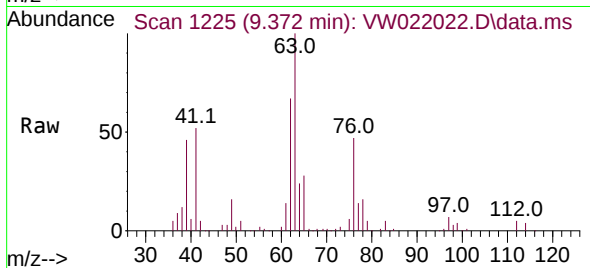
VSTD025550

Tgt Ion: 63 Resp: 38380

Ion Ratio Lower Upper

63 100

112 5.6 4.7 7.1



#38

Bromodichloromethane

Concen: 24.123 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

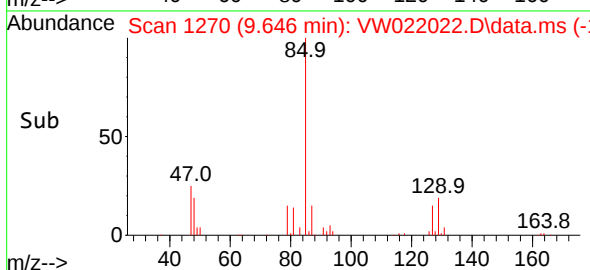
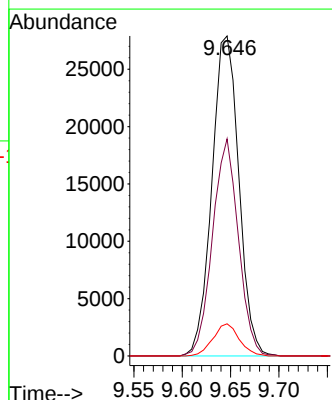
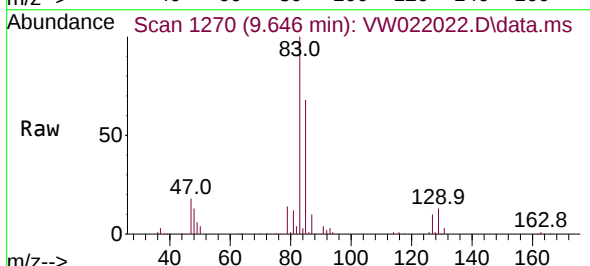
Tgt Ion: 83 Resp: 54064

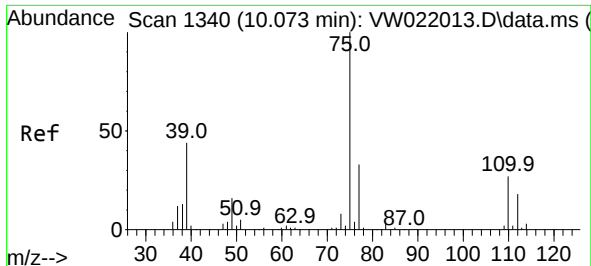
Ion Ratio Lower Upper

83 100

85 67.9 44.7 83.1

127 10.1 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 24.346 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

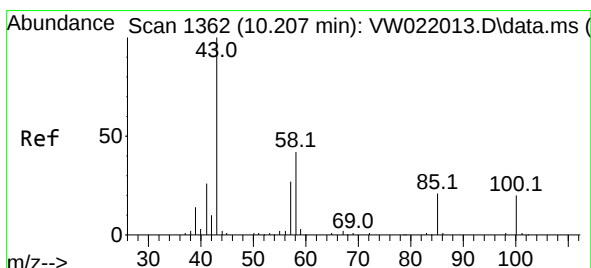
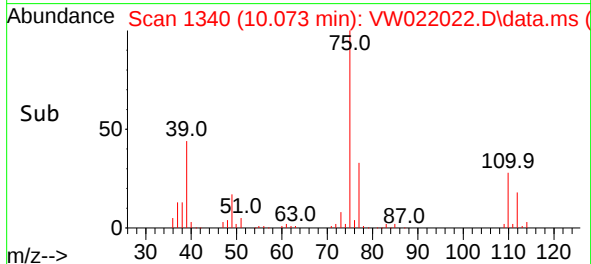
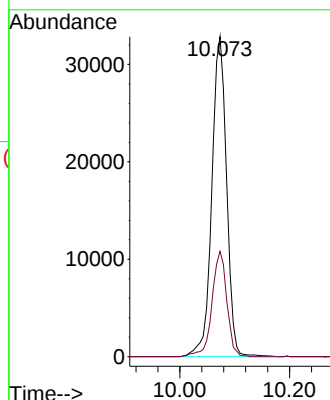
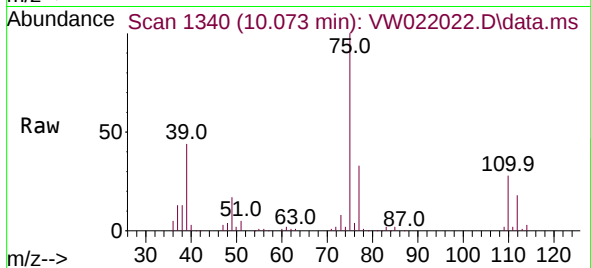
VSTD025550

Tgt Ion: 75 Resp: 61282

Ion Ratio Lower Upper

75 100

77 32.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 60.700 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

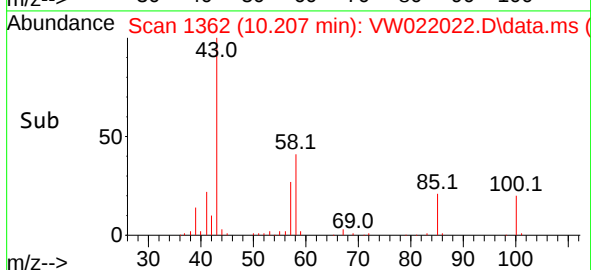
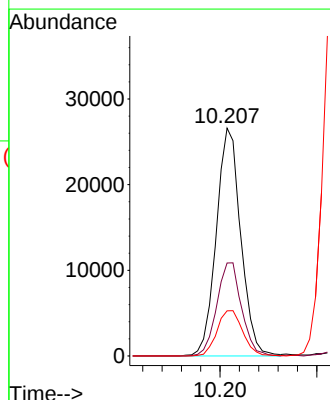
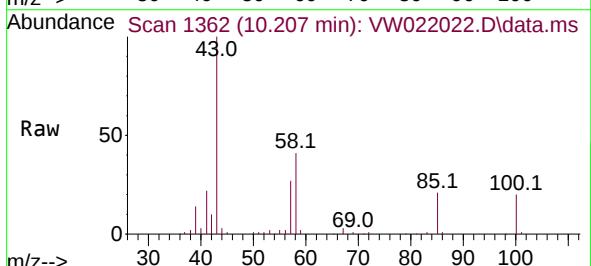
Tgt Ion: 43 Resp: 46738

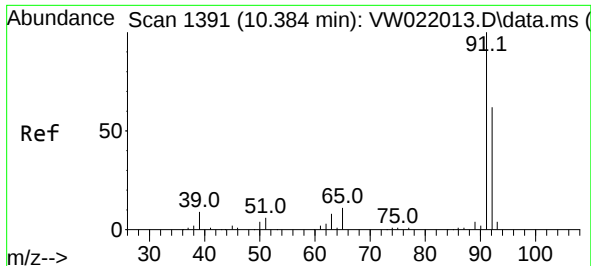
Ion Ratio Lower Upper

43 100

58 41.3 34.4 51.6

100 21.0 17.0 25.4

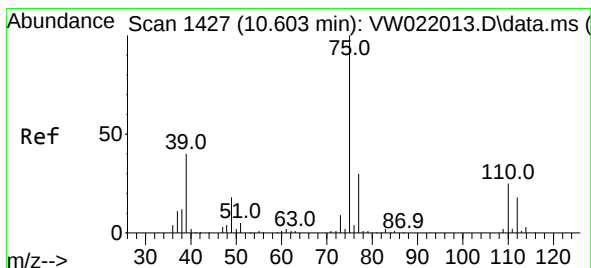
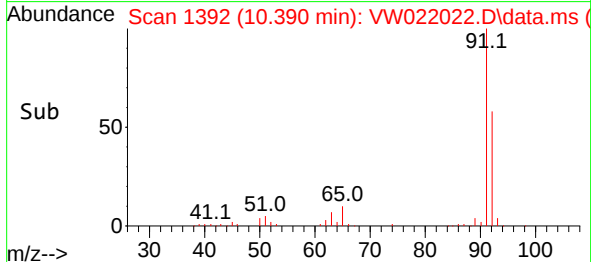
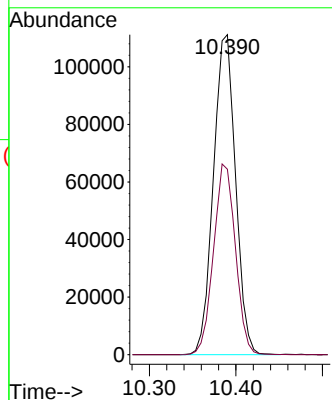
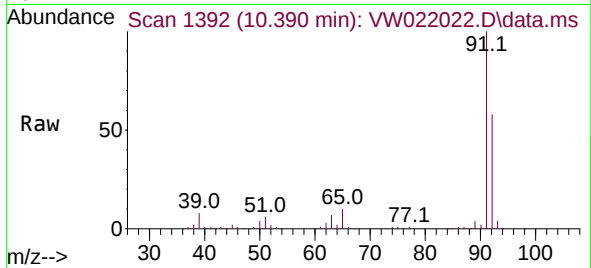




#42
Toluene
Concen: 24.388 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

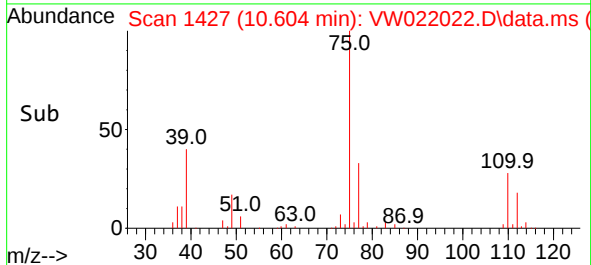
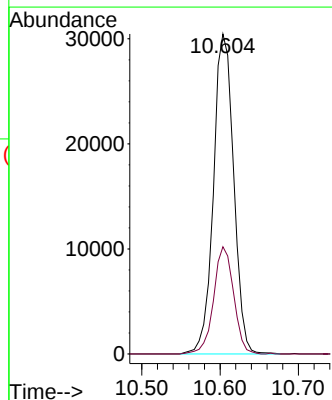
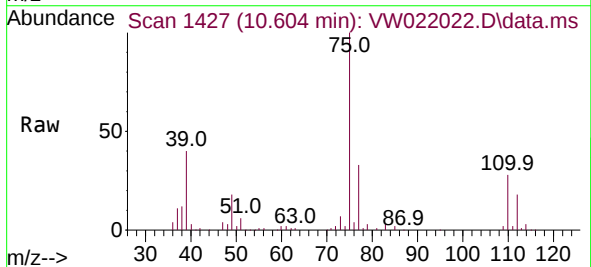
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

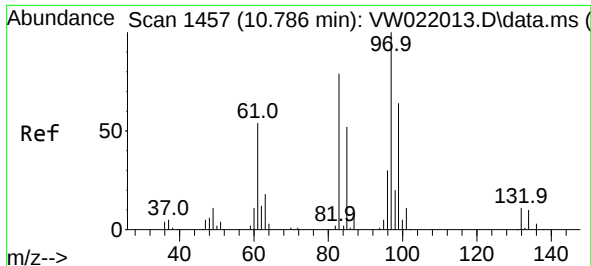
Tgt Ion: 91 Resp: 197530
Ion Ratio Lower Upper
91 100
92 57.9 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 25.198 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion: 75 Resp: 54678
Ion Ratio Lower Upper
75 100
77 33.5 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 25.587 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

Tgt Ion: 97 Resp: 34130

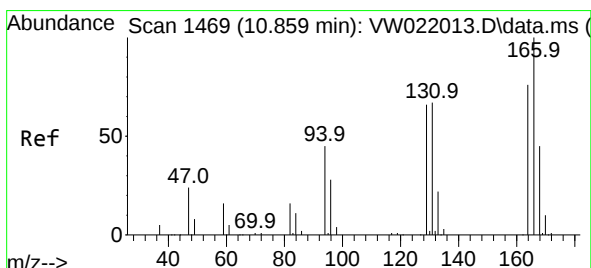
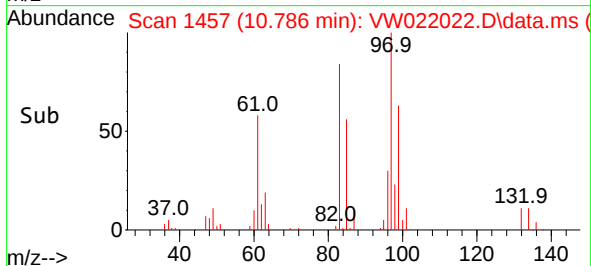
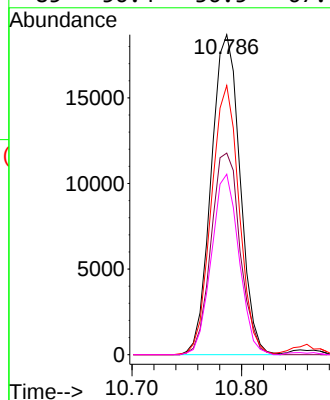
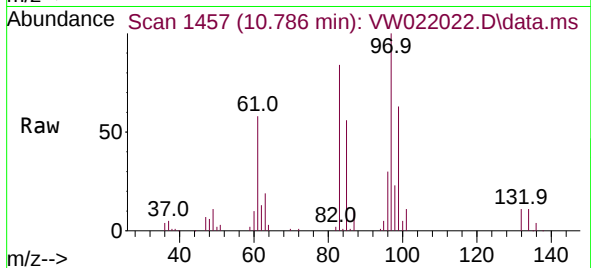
Ion Ratio Lower Upper

97 100

99 63.0 43.8 81.4

83 84.1 56.1 104.3

85 56.4 36.5 67.7



#46

Tetrachloroethene

Concen: 24.426 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Tgt Ion:164 Resp: 46254

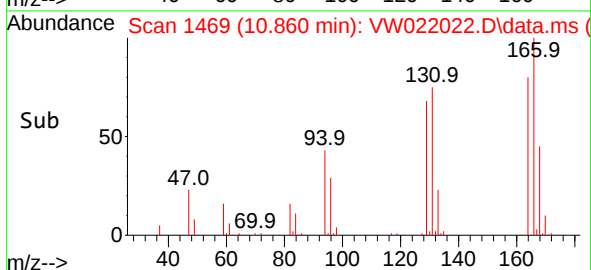
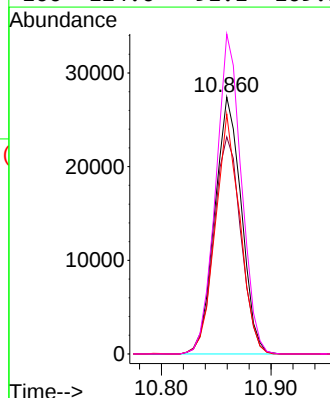
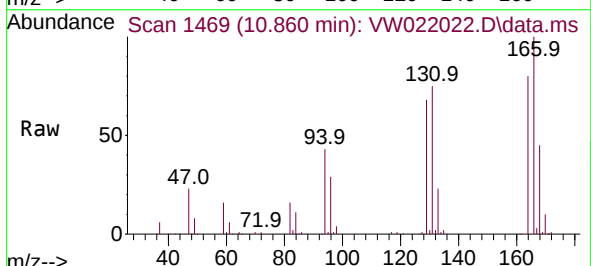
Ion Ratio Lower Upper

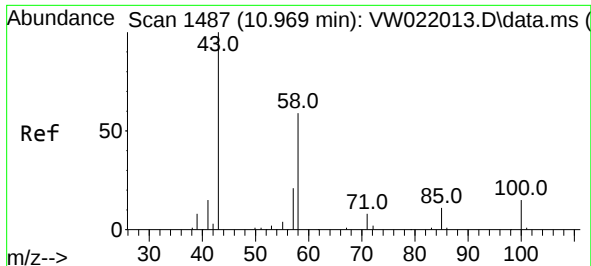
164 100

129 84.5 62.6 116.2

131 93.4 67.1 124.7

166 124.6 91.1 169.1

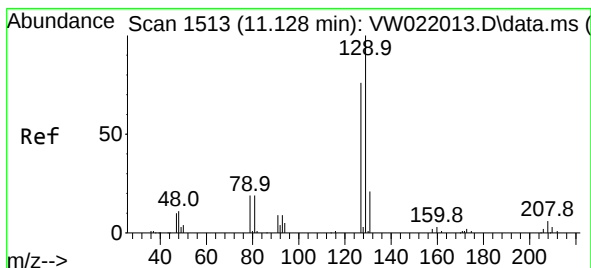
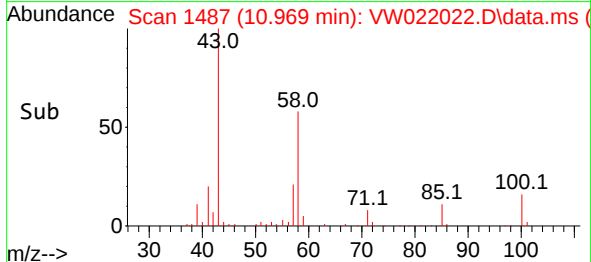
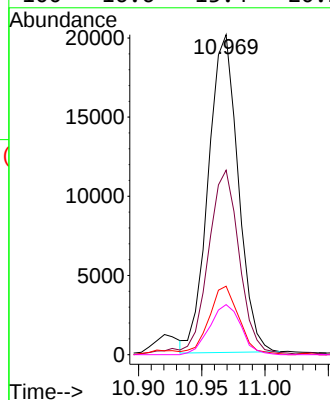
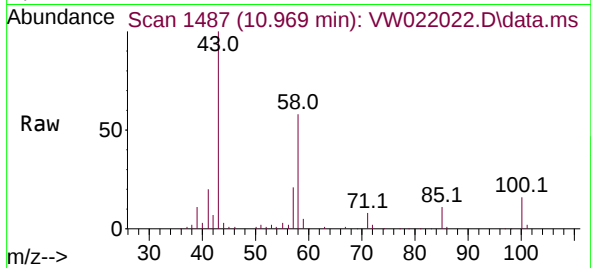




#48
2-Hexanone
Concen: 57.622 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

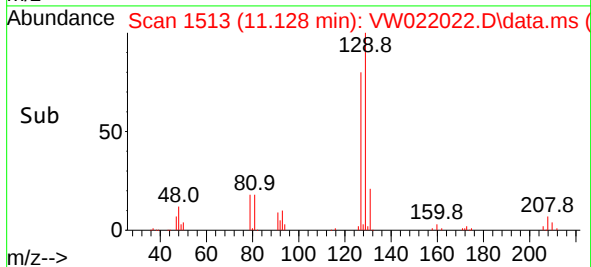
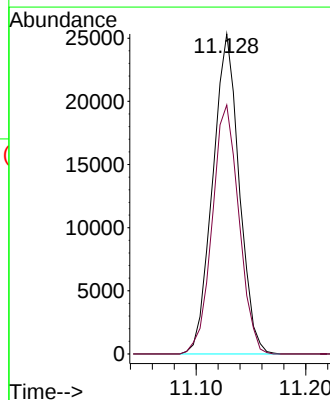
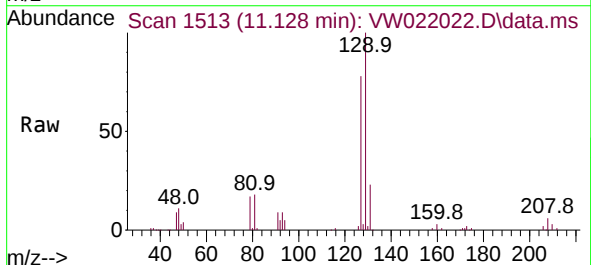
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

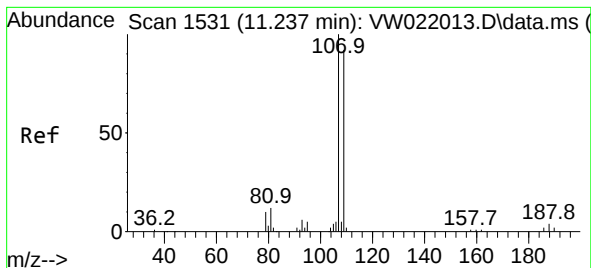
Tgt Ion:	43	Resp:	33024
Ion	Ratio	Lower	Upper
43	100		
58	59.7	49.2	73.8
57	21.6	16.6	24.8
100	16.6	13.4	20.2



#49
Dibromochloromethane
Concen: 25.315 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion:	129	Resp:	42522
Ion	Ratio	Lower	Upper
129	100		
127	77.8	52.6	97.6

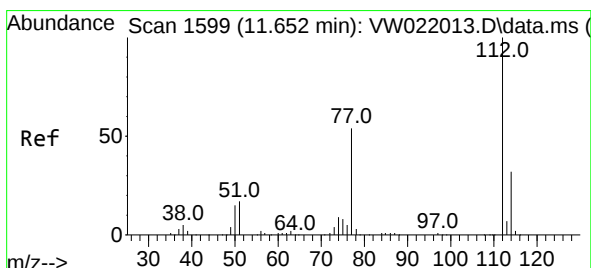
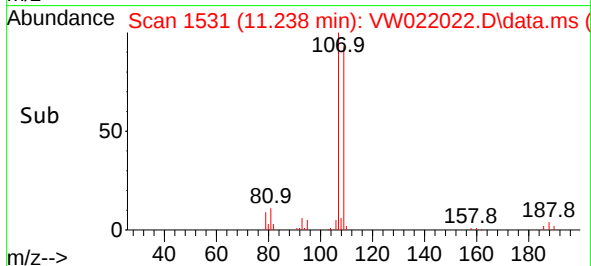
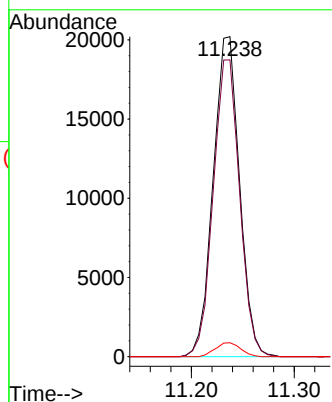
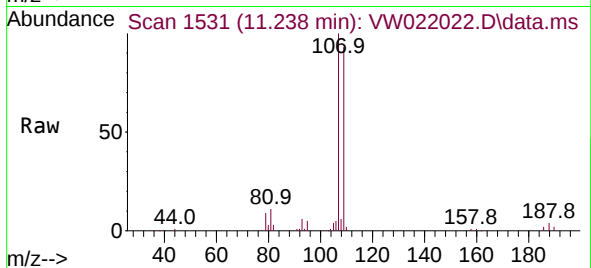




#50
1,2-Dibromoethane
Concen: 27.258 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

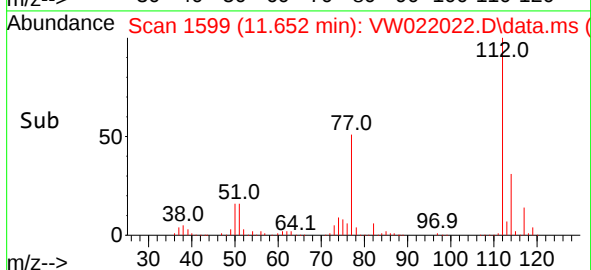
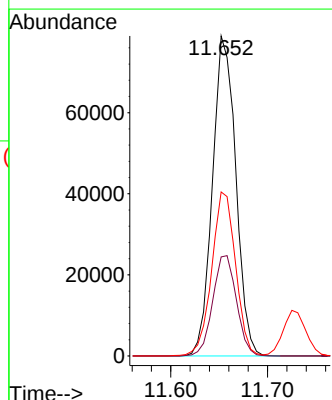
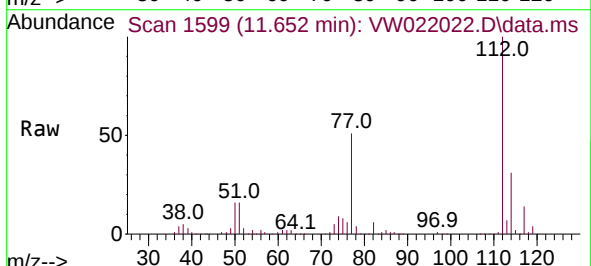
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

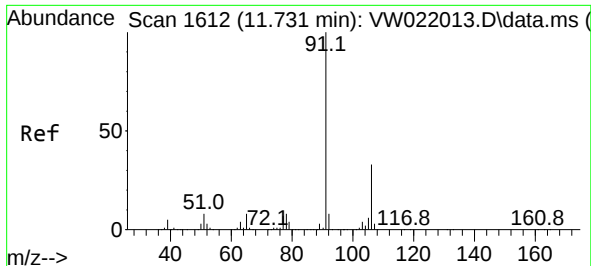
Tgt Ion:	107	Resp:	35999
Ion	Ratio	Lower	Upper
107	100		
109	92.8	68.0	126.2
188	4.3	3.2	4.8



#51
Chlorobenzene
Concen: 23.993 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion:	112	Resp:	132256
Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.5	39.9
77	51.2	43.6	65.4





#52

Ethylbenzene

Concen: 24.311 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

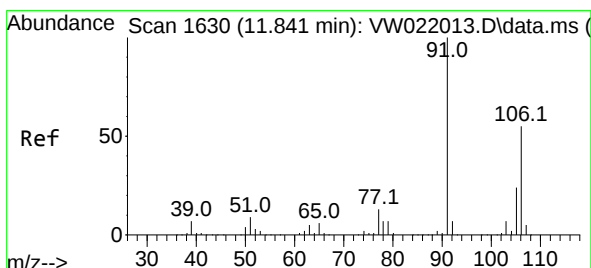
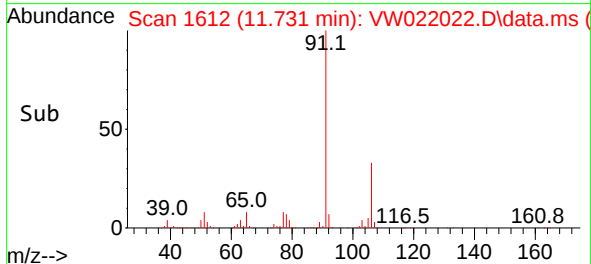
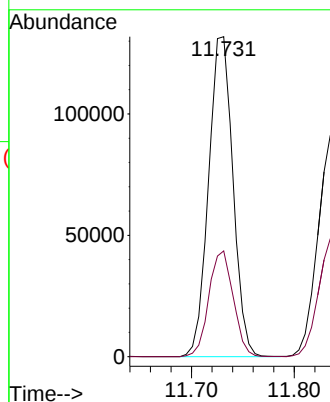
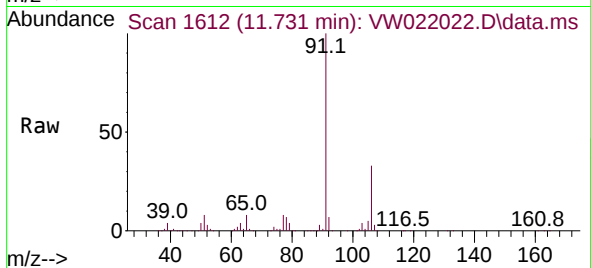
VSTD025550

Tgt Ion: 91 Resp: 217256

Ion Ratio Lower Upper

91 100

106 33.1 22.8 42.4



#53

m,p-Xylene

Concen: 24.245 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW022022.D

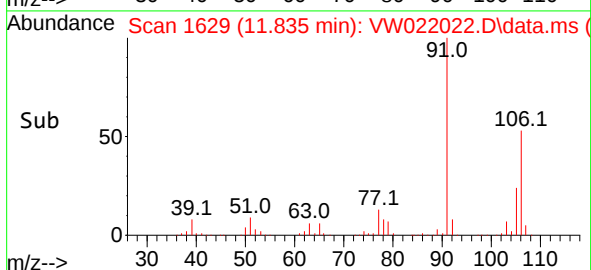
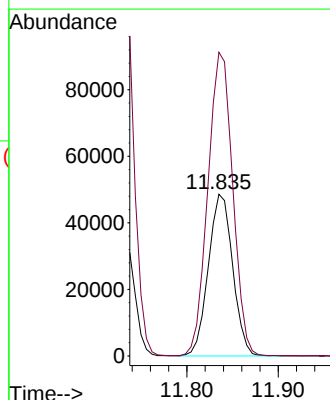
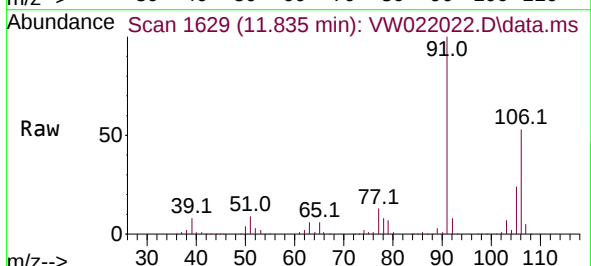
Acq: 01 Feb 2022 23:56

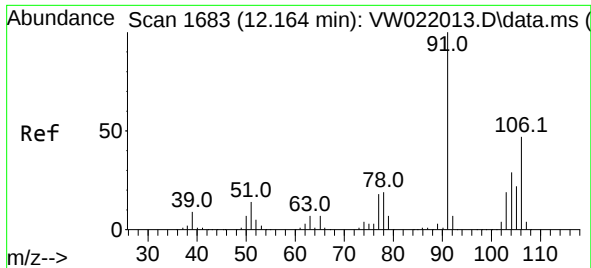
Tgt Ion:106 Resp: 89896

Ion Ratio Lower Upper

106 100

91 187.7 129.6 240.8

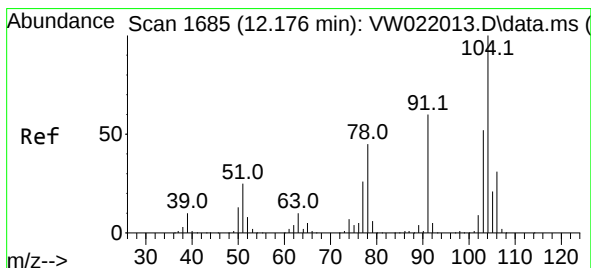
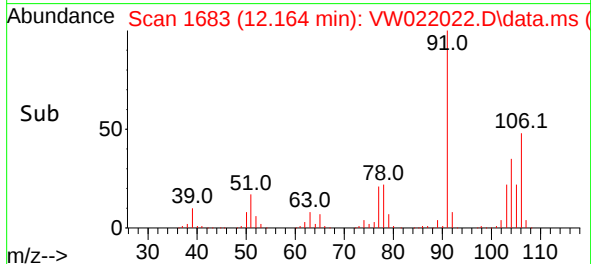
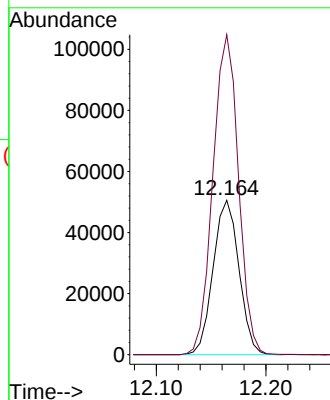
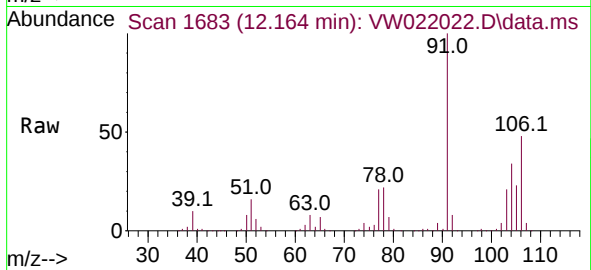




#54
o-Xylene
Concen: 23.882 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

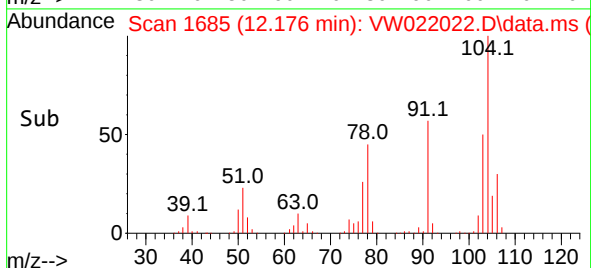
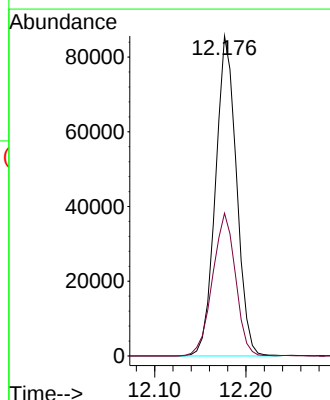
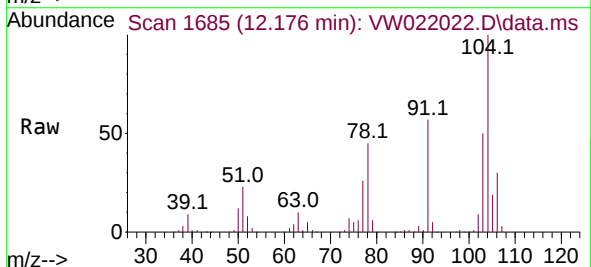
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

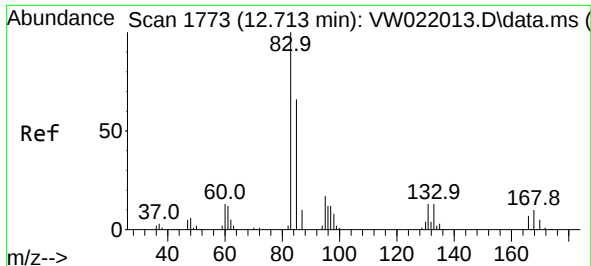
Tgt Ion:106 Resp: 82833
Ion Ratio Lower Upper
106 100
91 207.3 136.4 253.4



#55
Styrene
Concen: 24.477 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion:104 Resp: 137133
Ion Ratio Lower Upper
104 100
78 44.6 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 27.352 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

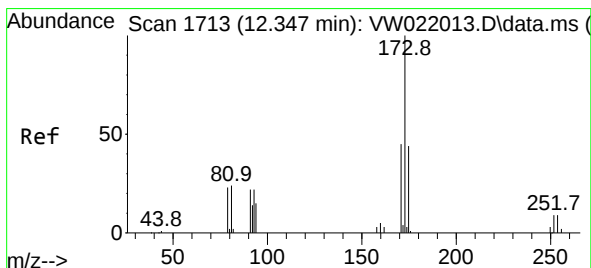
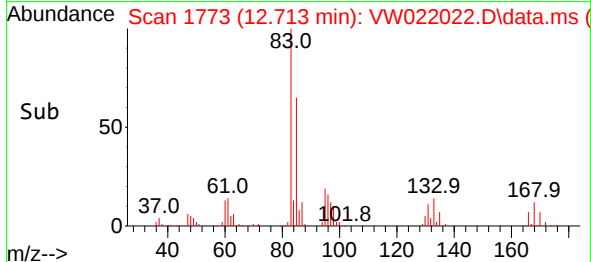
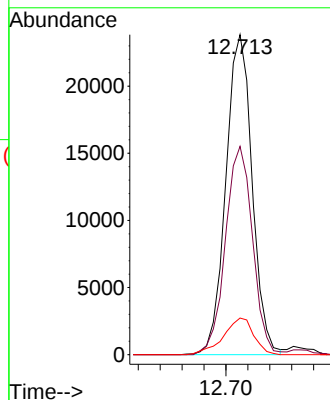
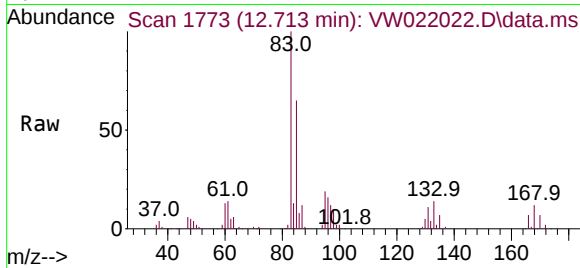
Tgt Ion: 83 Resp: 39713

Ion Ratio Lower Upper

83 100

85 65.1 43.8 81.3

131 11.5 9.8 14.8



#59

Bromoform

Concen: 25.878 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

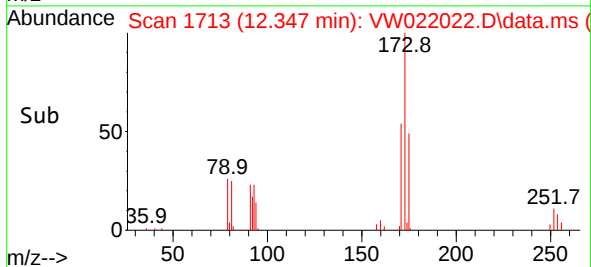
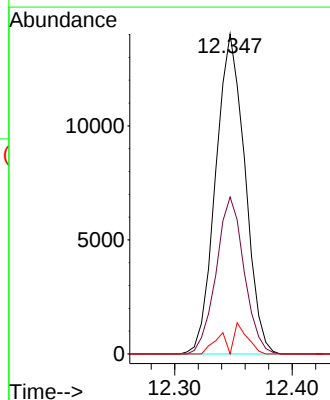
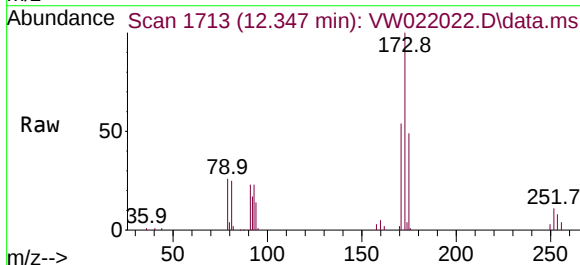
Tgt Ion:173 Resp: 24264

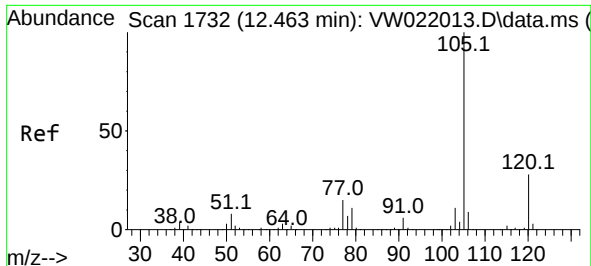
Ion Ratio Lower Upper

173 100

175 46.9 41.0 61.4

254 4.3 3.4 5.2

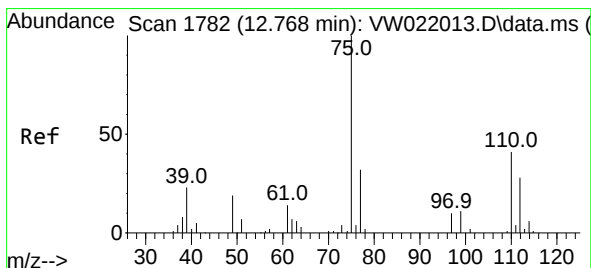
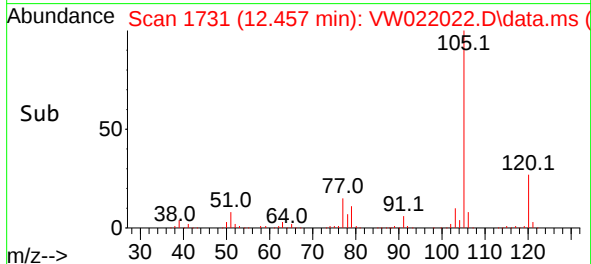
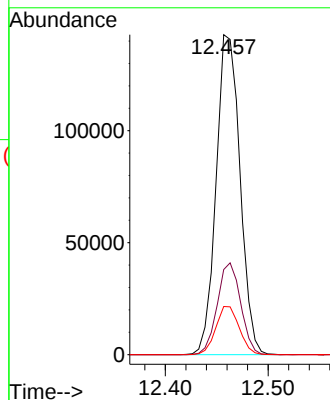
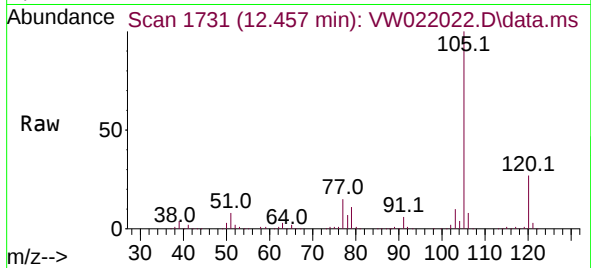




#60
Isopropylbenzene
Concen: 24.850 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

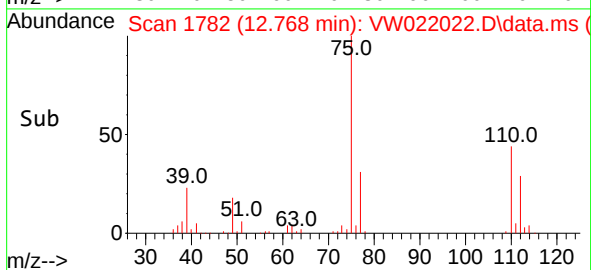
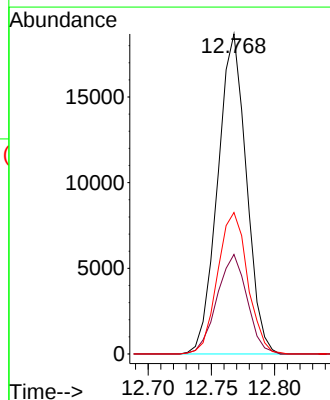
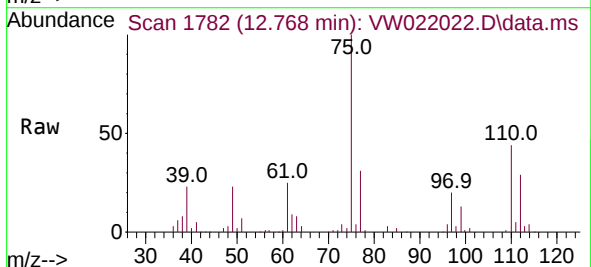
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

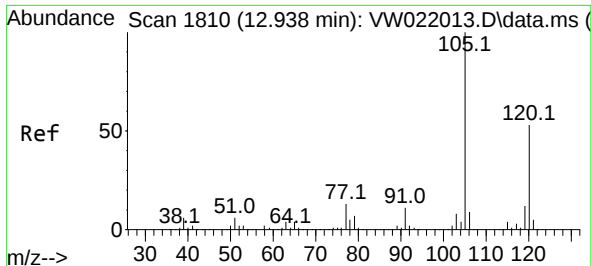
Tgt Ion:105 Resp: 230493
Ion Ratio Lower Upper
105 100
120 28.1 22.1 33.1
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 28.447 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion: 75 Resp: 29421
Ion Ratio Lower Upper
75 100
77 32.7 27.3 40.9
110 46.4 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 25.870 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

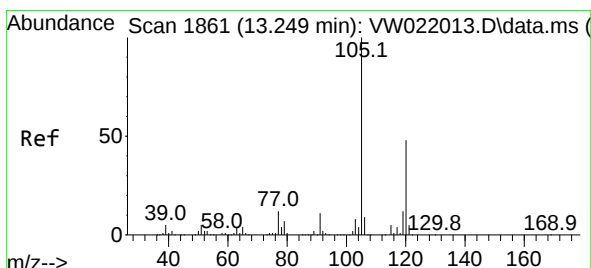
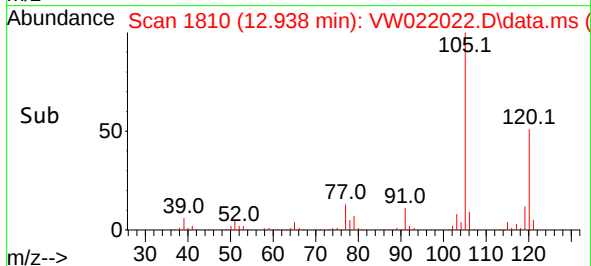
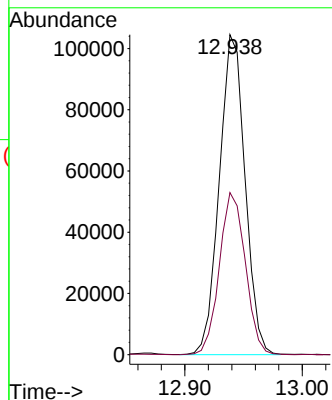
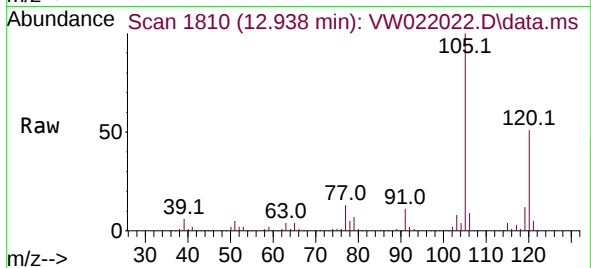
VSTD025550

Tgt Ion:105 Resp: 159144

Ion Ratio Lower Upper

105 100

120 51.1 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 25.089 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022022.D

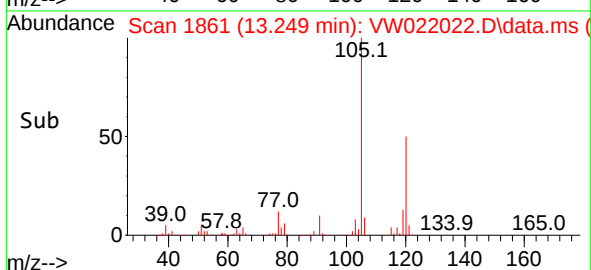
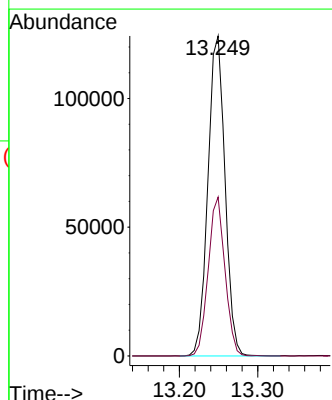
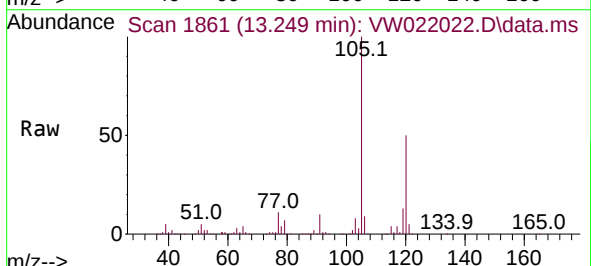
Acq: 01 Feb 2022 23:56

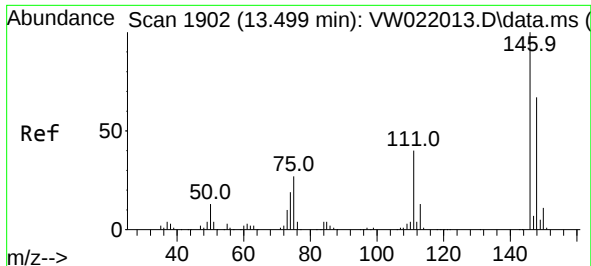
Tgt Ion:105 Resp: 188040

Ion Ratio Lower Upper

105 100

120 48.6 37.8 56.8

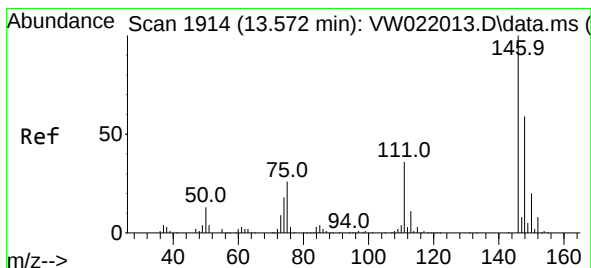
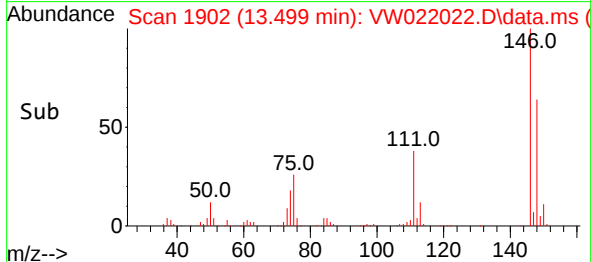
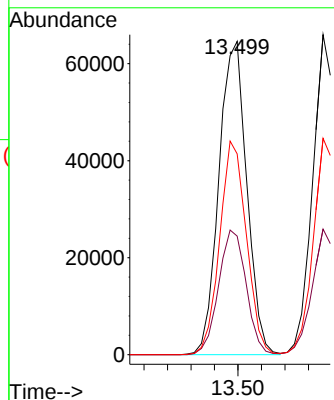
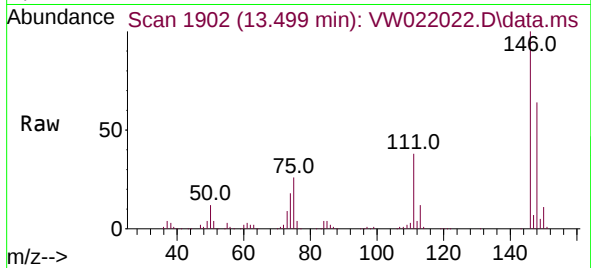




#64
1,3-Dichlorobenzene
Concen: 23.971 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

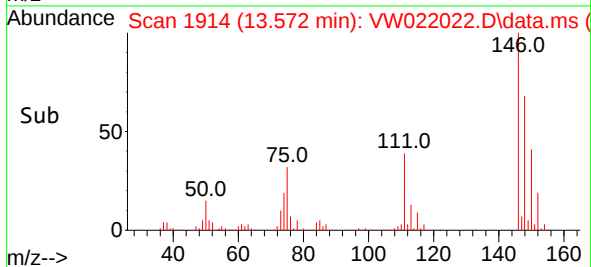
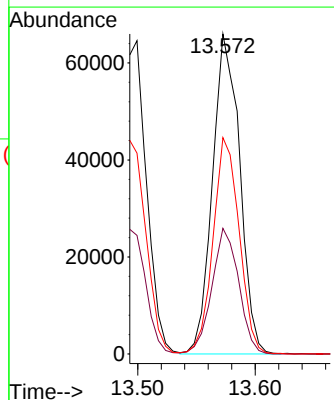
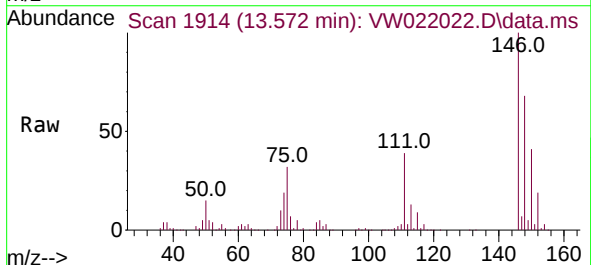
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

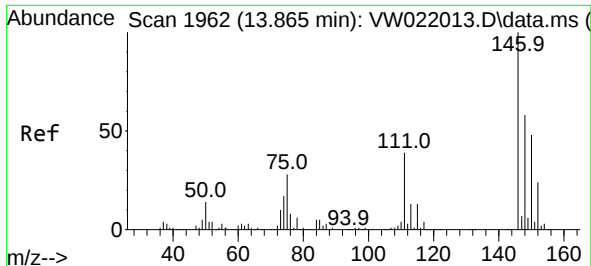
Tgt Ion:146 Resp: 106526
Ion Ratio Lower Upper
146 100
111 37.8 27.3 50.7
148 64.1 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 23.853 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022022.D
Acq: 01 Feb 2022 23:56

Tgt Ion:146 Resp: 106107
Ion Ratio Lower Upper
146 100
111 39.2 24.4 45.4
148 67.6 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 24.800 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

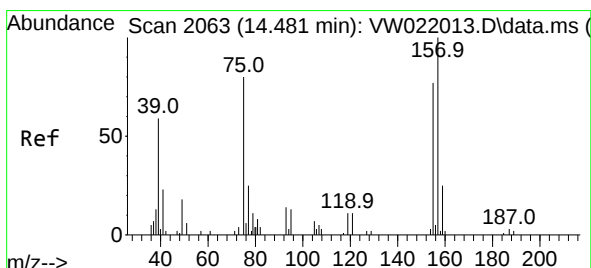
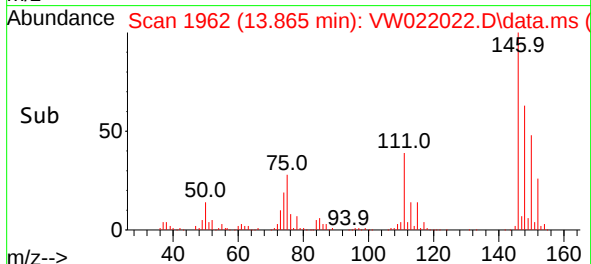
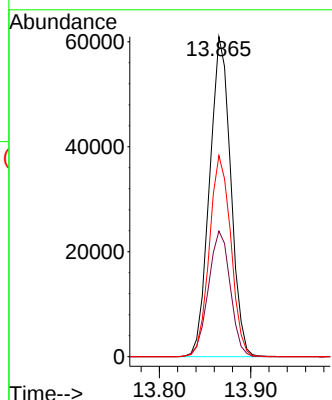
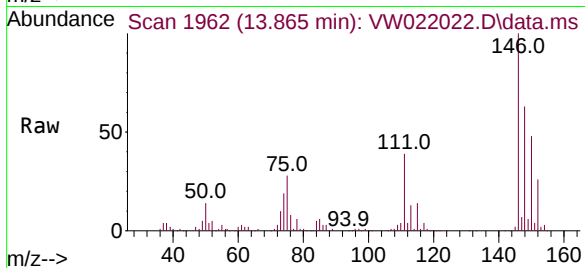
Tgt Ion:146 Resp: 97951

Ion Ratio Lower Upper

146 100

111 39.2 32.2 48.4

148 62.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 28.021 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

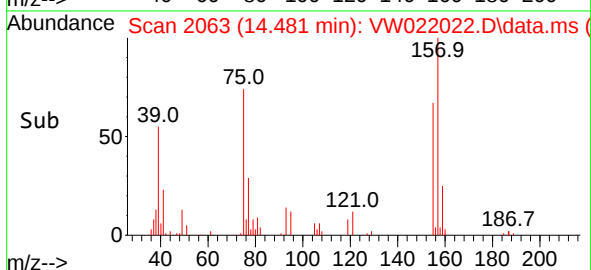
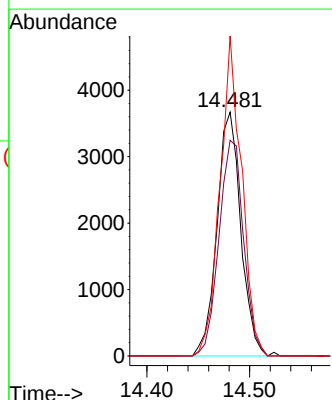
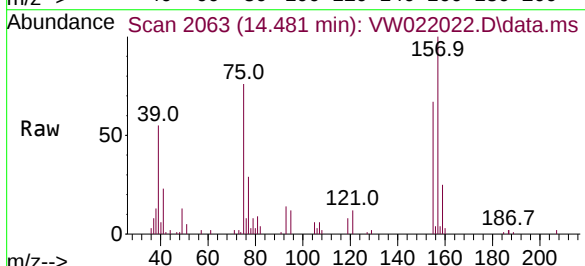
Tgt Ion: 75 Resp: 5896

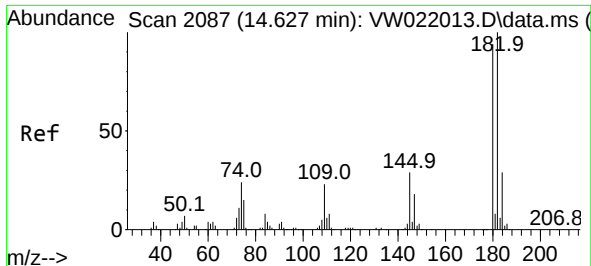
Ion Ratio Lower Upper

75 100

155 88.5 80.9 121.3

157 131.3 100.3 150.5





#69

1,3,5-Trichlorobenzene

Concen: 23.735 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

Tgt Ion:180 Resp: 75836

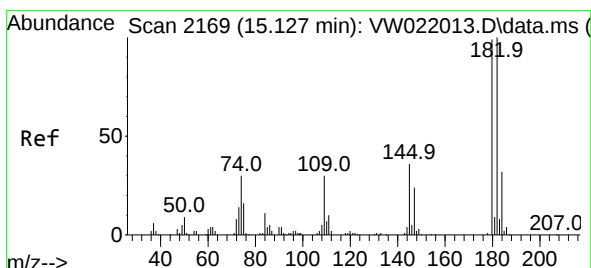
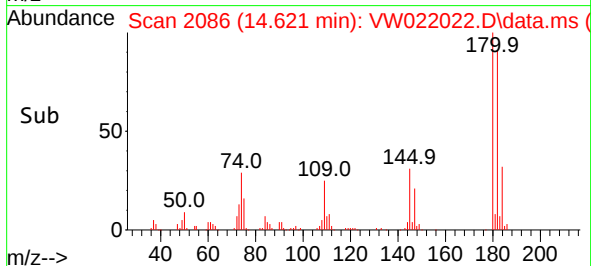
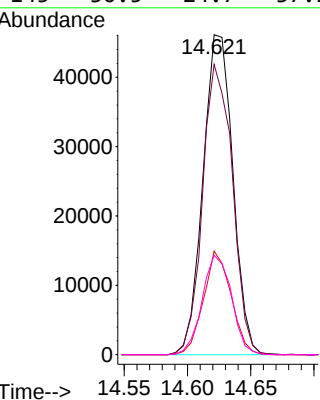
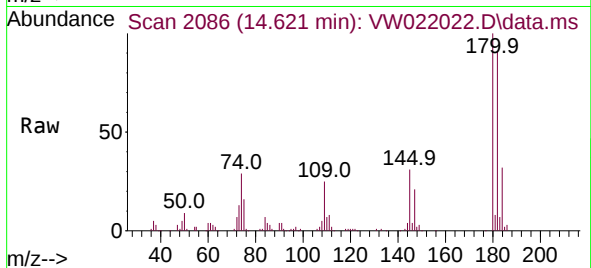
Ion Ratio Lower Upper

180 100

182 90.6 77.4 116.2

184 29.9 25.2 37.8

145 30.5 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.624 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

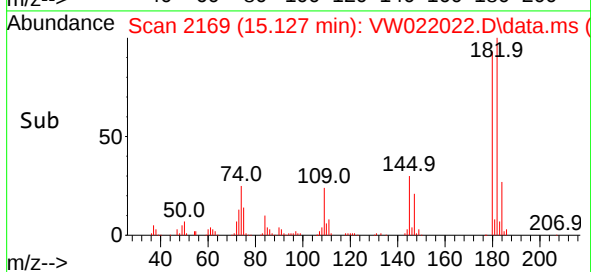
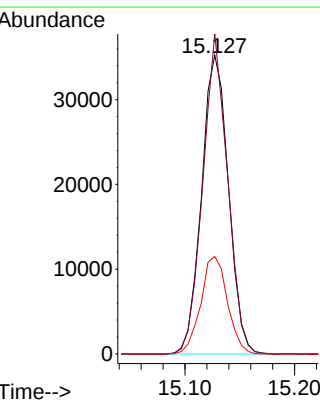
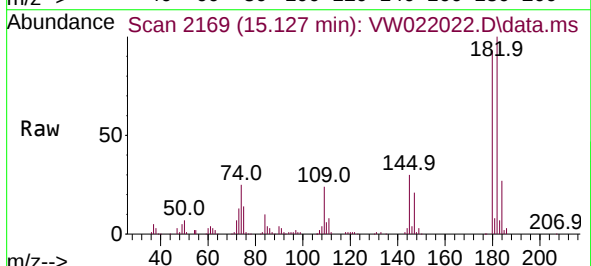
Tgt Ion:180 Resp: 59956

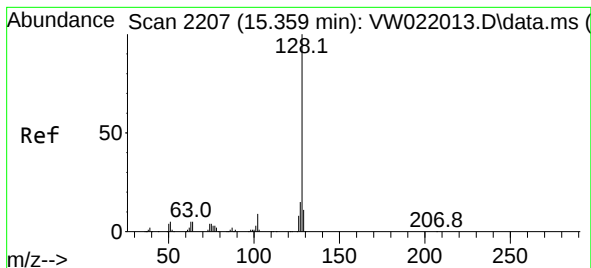
Ion Ratio Lower Upper

180 100

182 98.9 74.6 111.8

145 32.4 25.0 37.6





#71

Naphthalene

Concen: 28.925 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

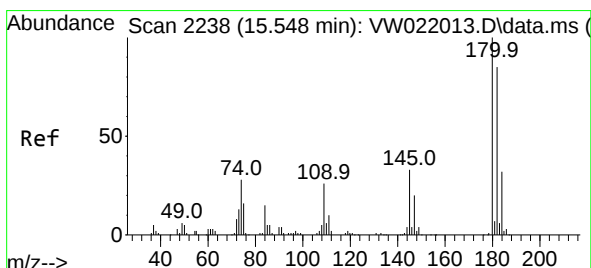
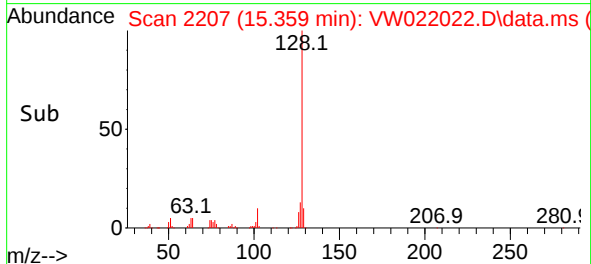
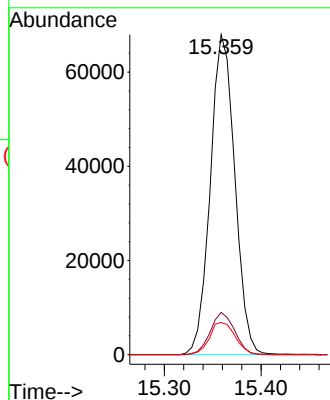
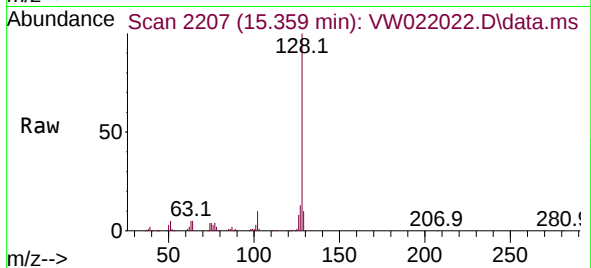
Tgt Ion:128 Resp: 119767

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.155 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022022.D

Acq: 01 Feb 2022 23:56

Tgt Ion:180 Resp: 54566

Ion Ratio Lower Upper

180 100

182 92.4 78.6 118.0

145 32.8 27.3 40.9

