

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041322\
 Data File : VW022539.D
 Acq On : 13 Apr 2022 18:13
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Apr 14 01:34:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 14 01:27:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	339049	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	330008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184958	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120144	16.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.120%
7) Chloroethane-d5	2.885	69	100104	21.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
11) 1,1-Dichloroethene-d2	4.025	63	174091	17.908	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.640%
21) 2-Butanone-d5	7.080	46	76274	58.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.580%
24) Chloroform-d	7.647	84	246802	23.289	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.160%
26) 1,2-Dichloroethane-d4	8.305	65	138873	22.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.760%
32) Benzene-d6	8.275	84	415636	20.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.440%
36) 1,2-Dichloropropane-d6	9.274	67	131670	22.567	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.280%
41) Toluene-d8	10.323	98	398177	20.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.640%
43) trans-1,3-Dichloroprop...	10.579	79	59131	21.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.880%
47) 2-Hexanone-d5	10.920	63	65702	60.523	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	143661	28.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	165136	25.207	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	63543	38.232	ug/L	99
3) Chloromethane	2.221	50	84501	20.392	ug/L	99
5) Vinyl chloride	2.361	62	179409	20.749	ug/L	95
6) Bromomethane	2.782	94	124449	23.677	ug/L	96
8) Chloroethane	2.922	64	98257	25.957	ug/L	100
9) Trichlorofluoromethane	3.257	101	69663	21.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	118857	23.382	ug/L	97
12) 1,1-Dichloroethene	4.044	96	107477	23.543	ug/L	89
13) Acetone	4.123	43	42157	47.316	ug/L	73
14) Carbon disulfide	4.391	76	296043	19.713	ug/L	98
15) Methyl Acetate	4.672	43	55733	24.927	ug/L	96
16) Methylene chloride	4.921	84	133457	26.159	ug/L	91
17) trans-1,2-Dichloroethene	5.427	96	123324	23.061	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	207185	23.722	ug/L	96
19) 1,1-Dichloroethane	6.214	63	221170	22.666	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	140810	24.931	ug/L #	87
22) 2-Butanone	7.171	43	71714	53.293	ug/L	95
23) Bromochloromethane	7.512	128	63913	26.293	ug/L	92
25) Chloroform	7.677	83	250236	24.348	ug/L	100

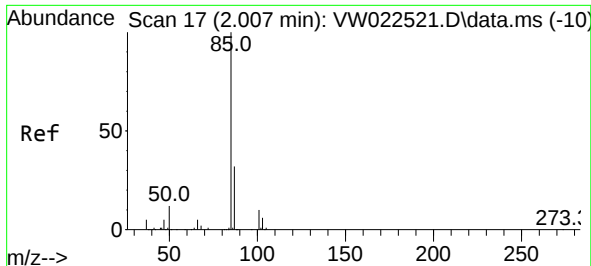
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041322\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 14 01:27:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	174576	24.168	ug/L	99
29) Cyclohexane	7.958	56	194296	20.571	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	203853	22.269	ug/L	98
31) Carbon tetrachloride	8.067	117	190232	23.153	ug/L	99
33) Benzene	8.323	78	513430	22.915	ug/L	100
34) Trichloroethene	9.091	95	139592	23.269	ug/L	96
35) Methylcyclohexane	9.335	83	232610	21.611	ug/L	96
37) 1,2-Dichloropropane	9.366	63	127788	23.807	ug/L	100
38) Bromodichloromethane	9.646	83	184078	23.848	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	202870	23.819	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	174166	53.169	ug/L	94
42) Toluene	10.384	91	598870	23.326	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	181898	23.851	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109056	26.622	ug/L	95
46) Tetrachloroethene	10.859	164	103188	23.400	ug/L	97
48) 2-Hexanone	10.969	43	122337	52.938	ug/L	95
49) Dibromochloromethane	11.128	129	128459	26.293	ug/L	100
50) 1,2-Dibromoethane	11.237	107	110013	27.197	ug/L	92
51) Chlorobenzene	11.652	112	381466	24.314	ug/L	96
52) Ethylbenzene	11.725	91	679017	23.595	ug/L	99
53) m,p-Xylene	11.835	106	265251	24.241	ug/L	88
54) o-Xylene	12.164	106	254612	24.350	ug/L	96
55) Styrene	12.176	104	439931	24.626	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	138542	27.554	ug/L	97
59) Bromoform	12.347	173	68615	24.966	ug/L	99
60) Isopropylbenzene	12.463	105	712335	23.185	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	100531	25.551	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	390100	23.087	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	605233	23.555	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	307449	24.656	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	305352	24.554	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	273778	24.550	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	22929	25.128	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	196048	24.097	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	169535	24.812	ug/L	97
71) Naphthalene	15.359	128	401369	27.851	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	146900	25.152	ug/L	94

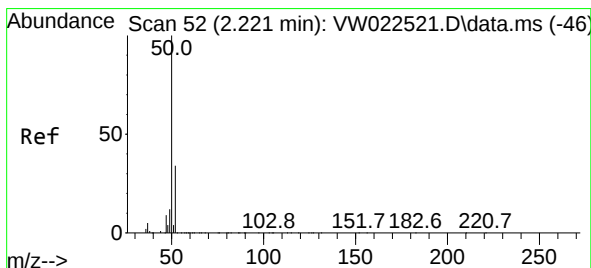
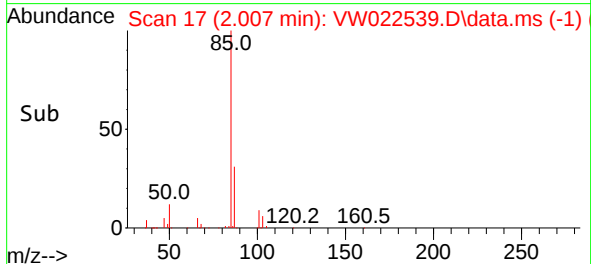
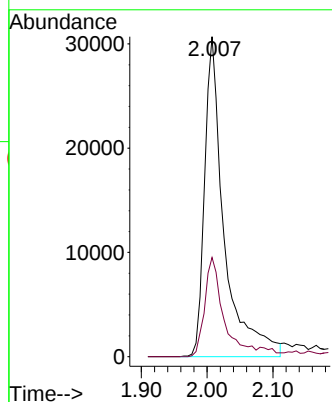
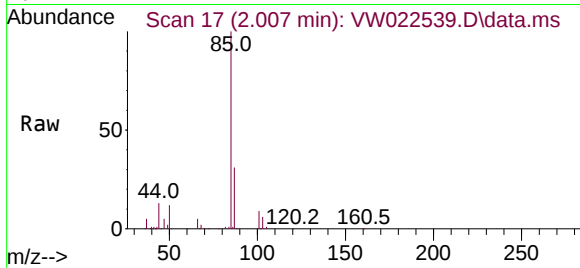
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 38.232 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022539.D
 Acq: 13 Apr 2022 18:13

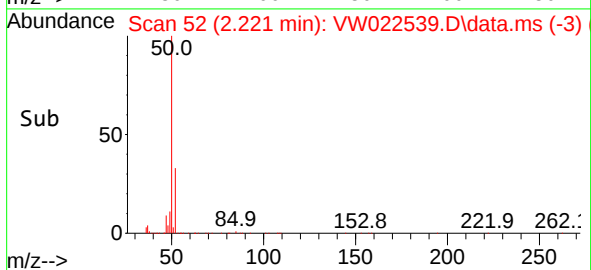
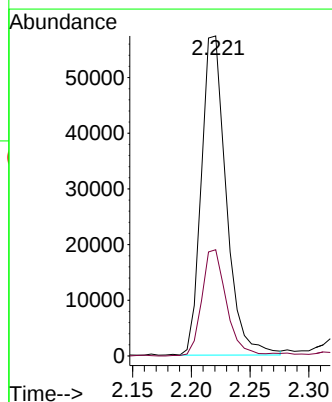
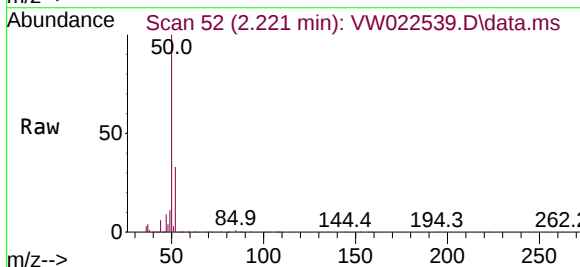
Instrument :
 MSVOA_W
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 VSTD025485

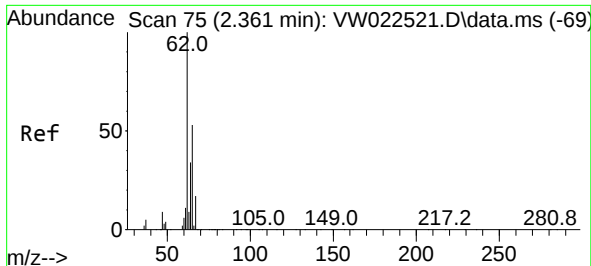
Tgt Ion: 85 Resp: 63543
 Ion Ratio Lower Upper
 85 100
 87 28.9 23.7 35.5



#3
 Chloromethane
 Concen: 20.392 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022539.D
 Acq: 13 Apr 2022 18:13

Tgt Ion: 50 Resp: 84501
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.6

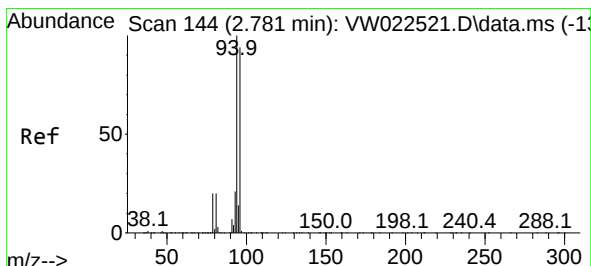
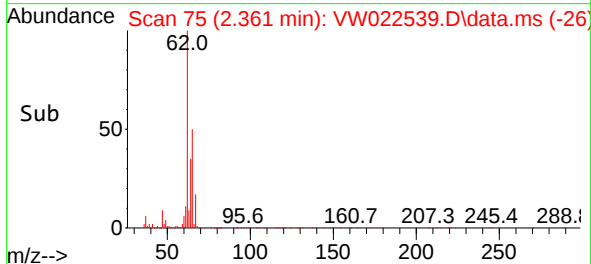
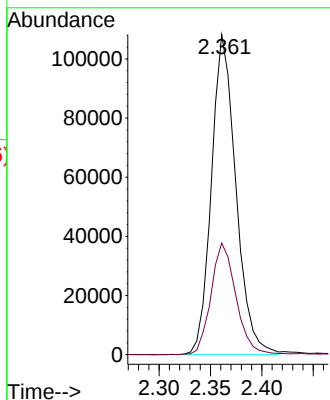
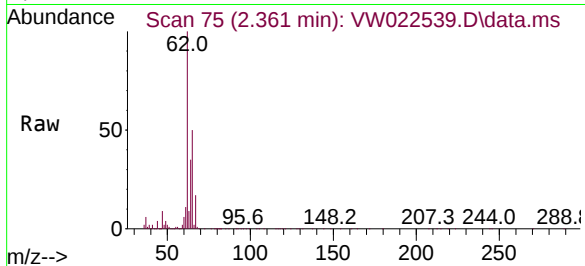




#5
 Vinyl chloride
 Concen: 20.749 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022539.D
 Acq: 13 Apr 2022 18:13

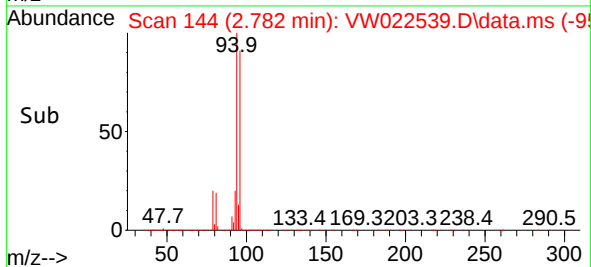
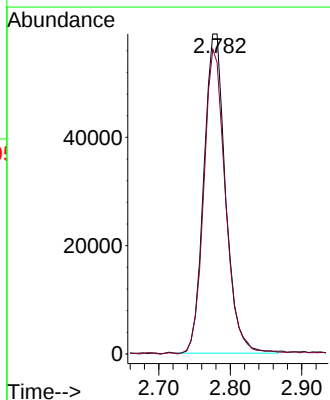
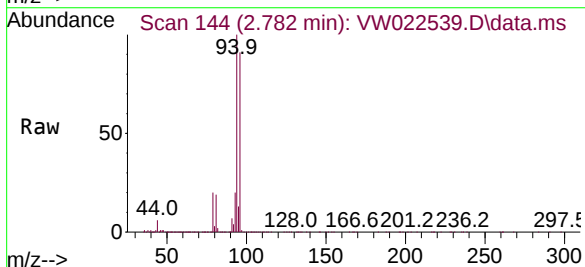
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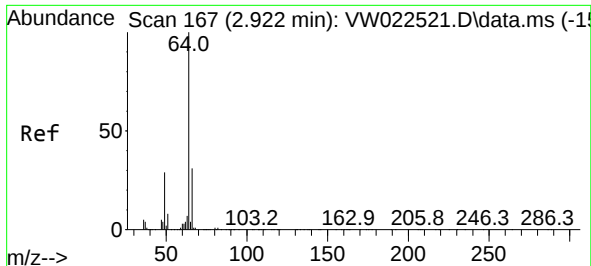
Tgt Ion: 62 Resp: 179409
 Ion Ratio Lower Upper
 62 100
 64 34.9 26.5 49.3



#6
 Bromomethane
 Concen: 23.677 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022539.D
 Acq: 13 Apr 2022 18:13

Tgt Ion: 94 Resp: 124449
 Ion Ratio Lower Upper
 94 100
 96 91.1 66.6 123.6

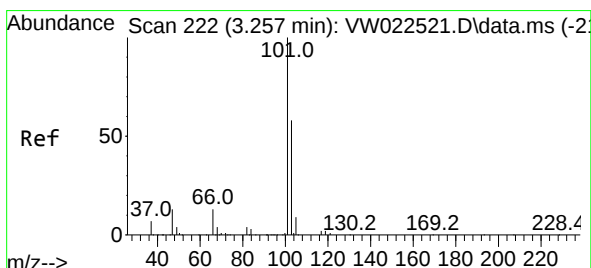
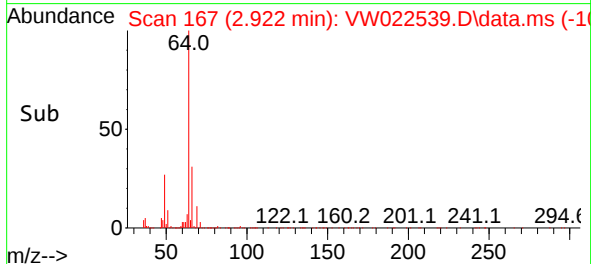
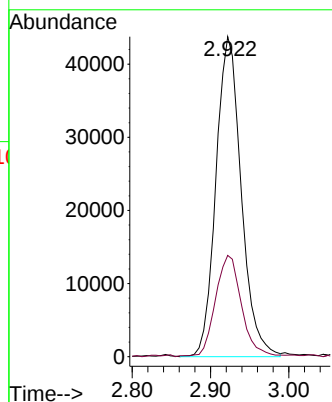
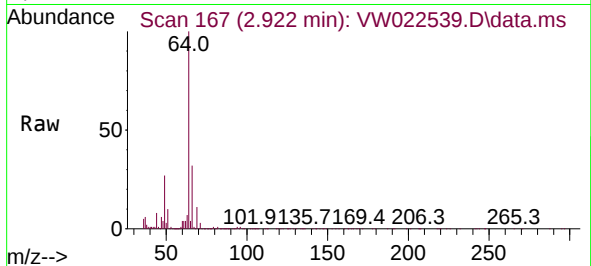




#8
Chloroethane
Concen: 25.957 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

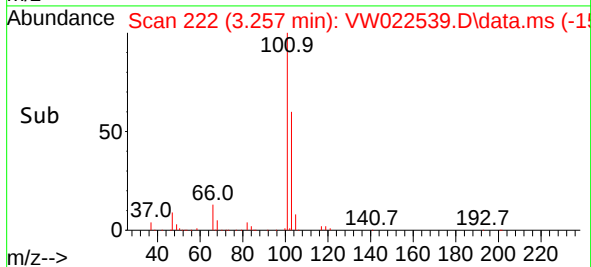
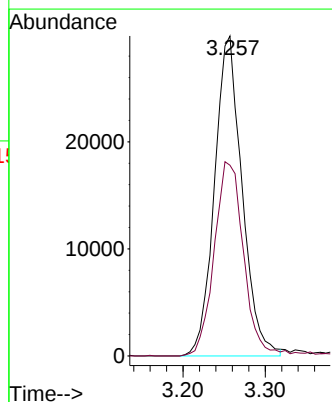
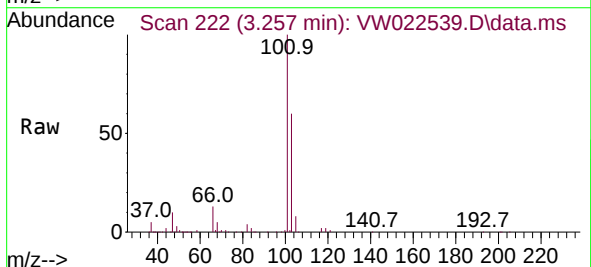
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ClientSampleId :
VSTD025485

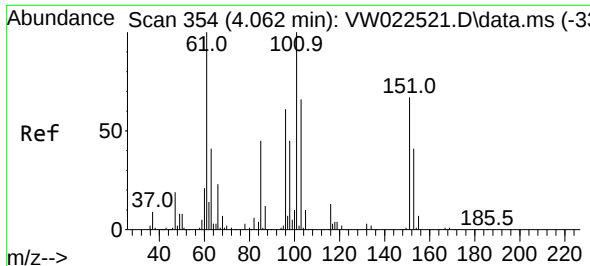
Tgt Ion: 64 Resp: 98257
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.823 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 101 Resp: 69663
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

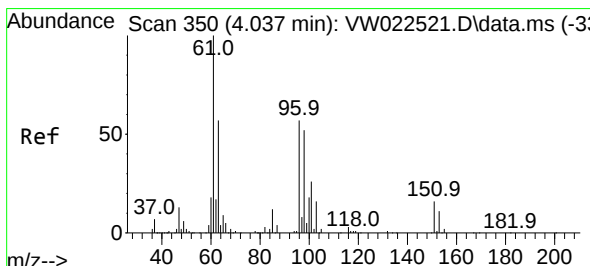
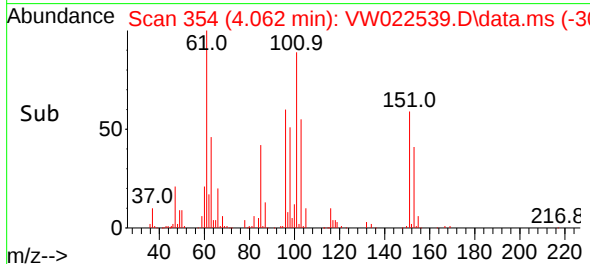
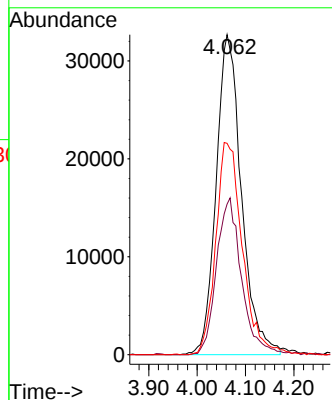
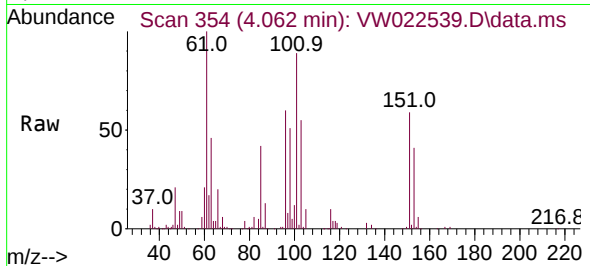




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.382 ug/L
RT: 4.062 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

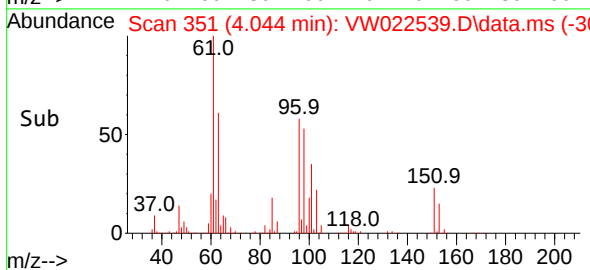
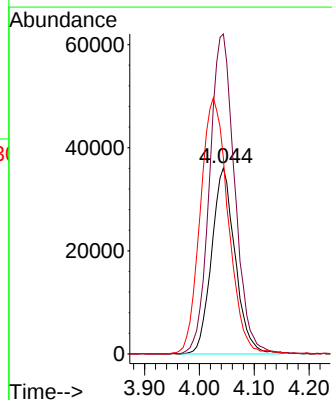
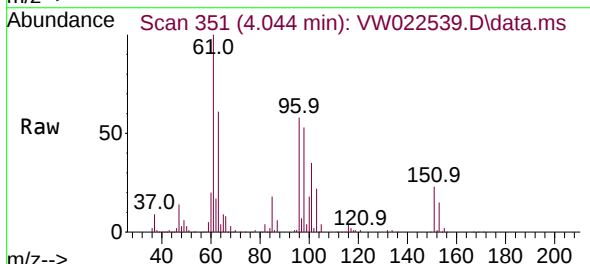
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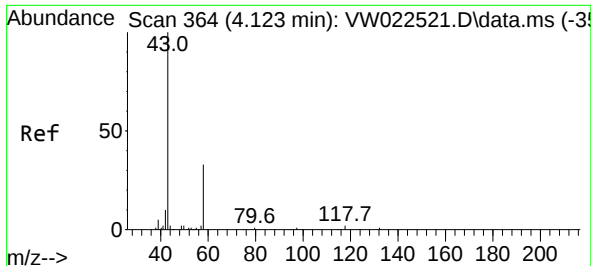
Tgt Ion:101 Resp: 118857
Ion Ratio Lower Upper
101 100
85 47.5 39.2 58.8
151 68.7 52.2 78.4



#12
1,1-Dichloroethene
Concen: 23.543 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 96 Resp: 107477
Ion Ratio Lower Upper
96 100
61 172.1 128.0 237.6
63 105.3 86.6 160.8

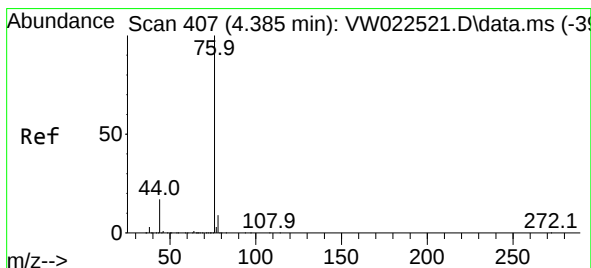
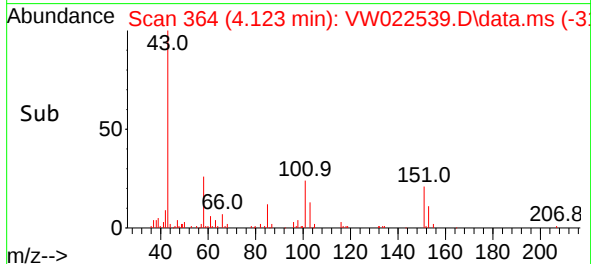
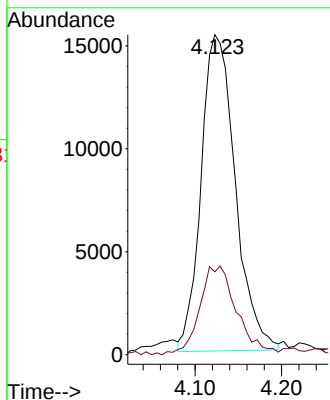
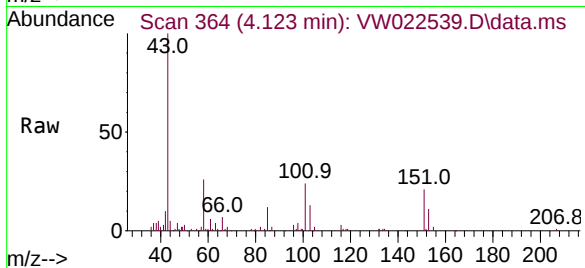




#13
Acetone
Concen: 47.316 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

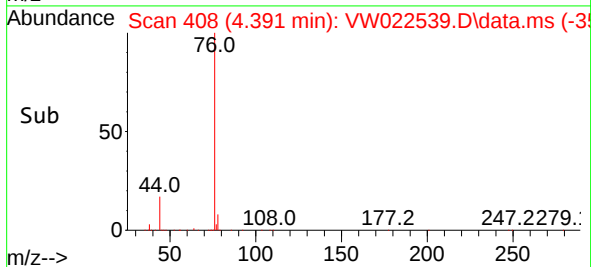
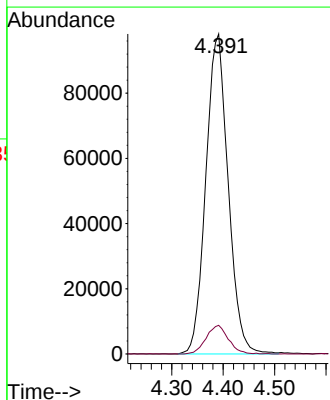
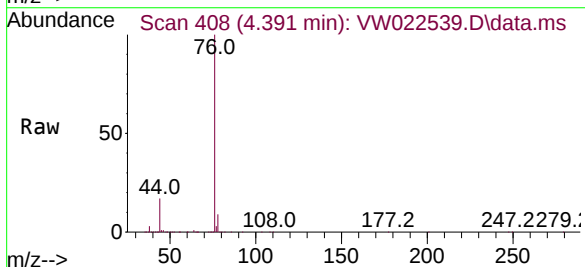
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VSTD025485

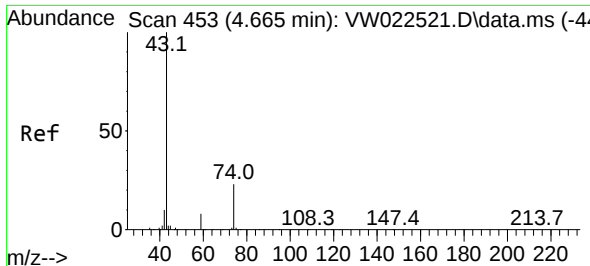
Tgt Ion: 43 Resp: 42157
Ion Ratio Lower Upper
43 100
58 14.2 0.0 57.0



#14
Carbon disulfide
Concen: 19.713 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 76 Resp: 296043
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

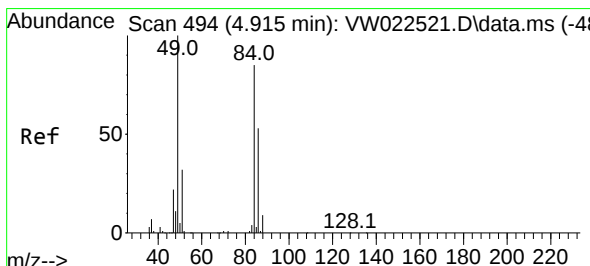
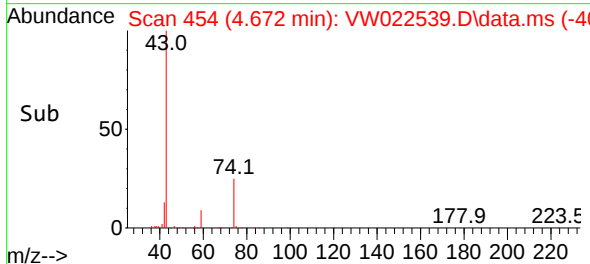
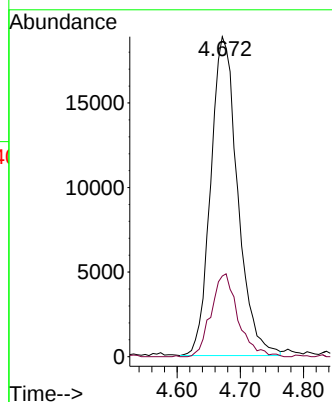
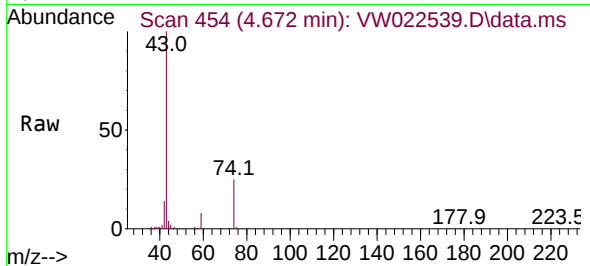




#15
Methyl Acetate
Concen: 24.927 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

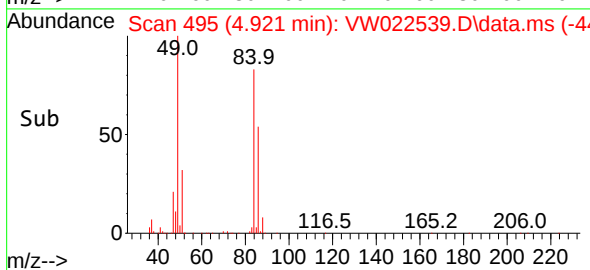
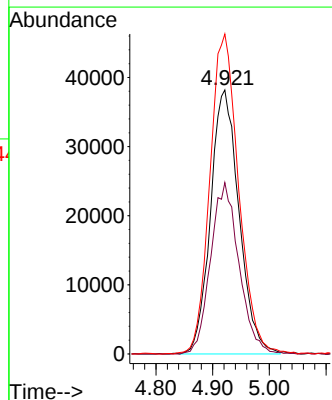
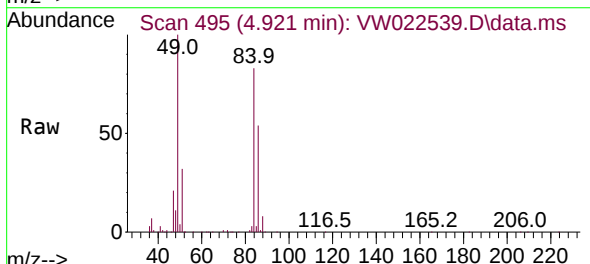
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

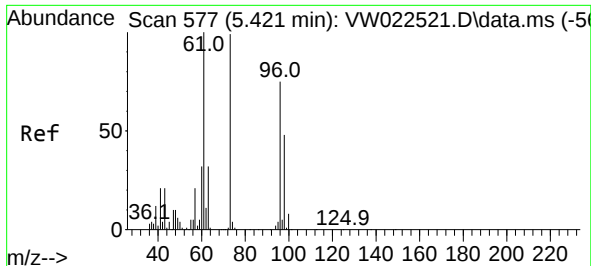
Tgt Ion: 43 Resp: 55733
Ion Ratio Lower Upper
43 100
74 25.1 18.5 27.7



#16
Methylene chloride
Concen: 26.159 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 84 Resp: 133457
Ion Ratio Lower Upper
84 100
86 64.9 42.8 79.4
49 121.2 94.2 175.0

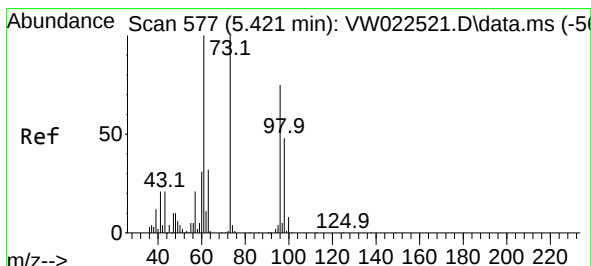
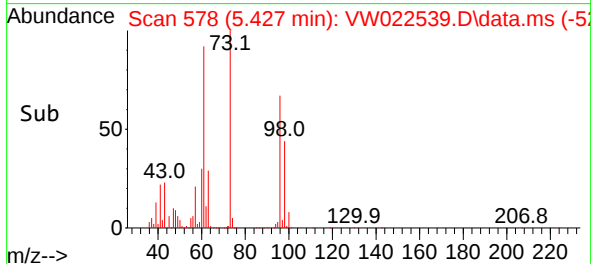
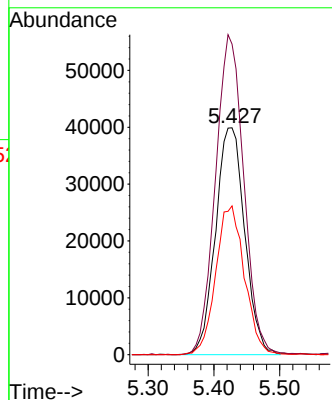
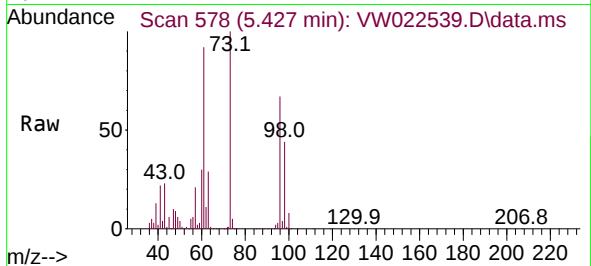




#17
trans-1,2-Dichloroethene
Concen: 23.061 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

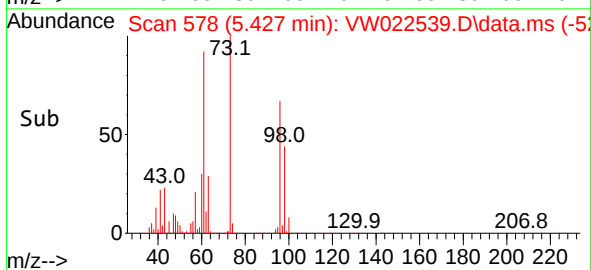
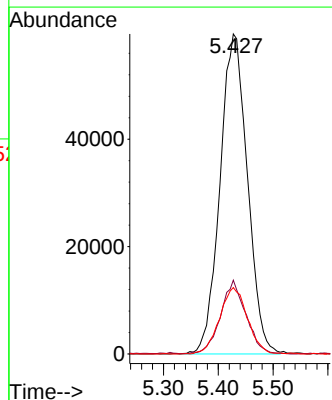
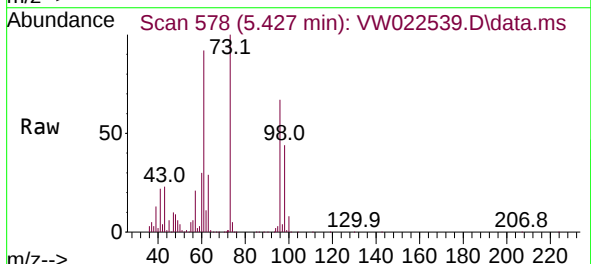
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

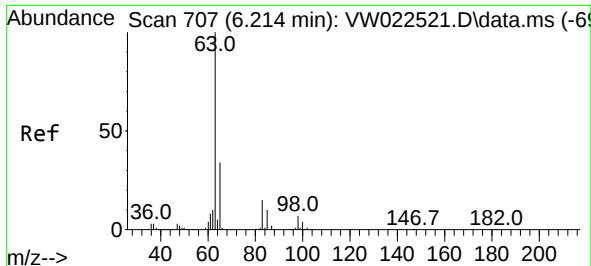
Tgt Ion: 96 Resp: 123324
Ion Ratio Lower Upper
96 100
61 136.9 99.8 185.4
98 65.6 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 23.722 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 73 Resp: 207185
Ion Ratio Lower Upper
73 100
43 20.6 18.8 28.2
57 21.0 17.5 26.3

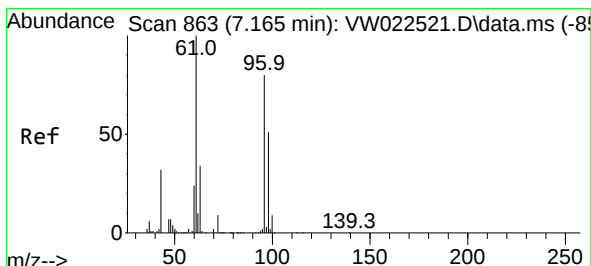
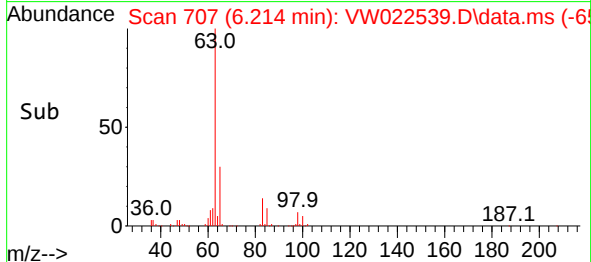
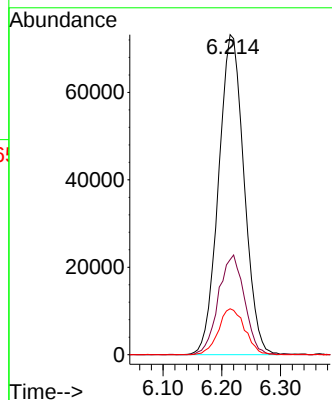
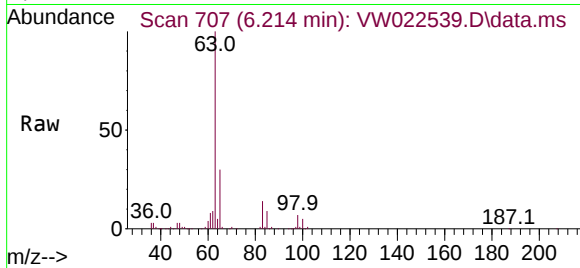




#19
1,1-Dichloroethane
Concen: 22.666 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

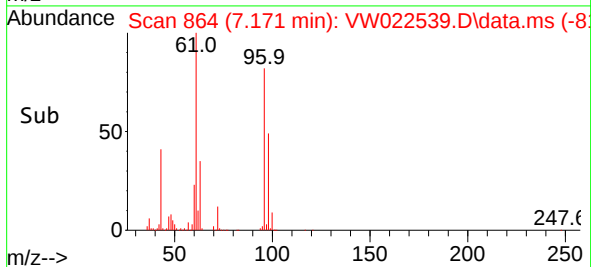
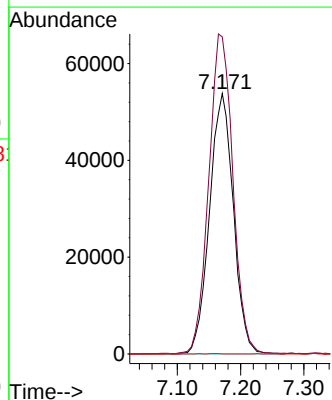
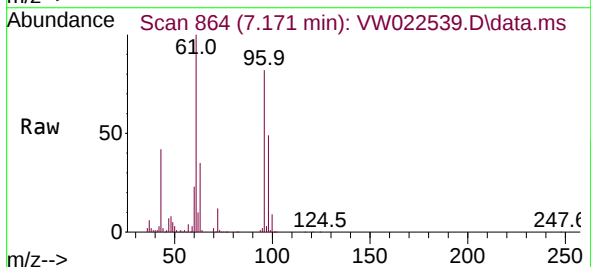
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

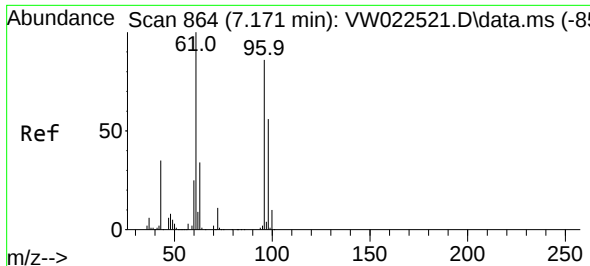
Tgt Ion: 63 Resp: 221170
Ion Ratio Lower Upper
63 100
65 29.7 21.1 39.3
83 14.4 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 24.931 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 96 Resp: 140810
Ion Ratio Lower Upper
96 100
61 121.7 96.4 179.0
68 0.0 0.1 0.3

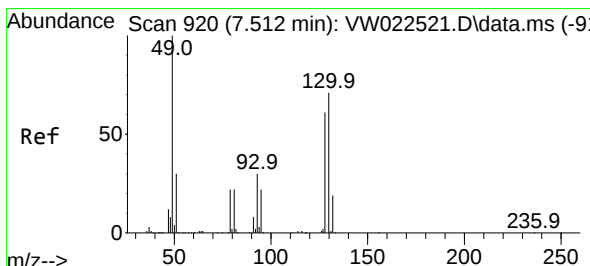
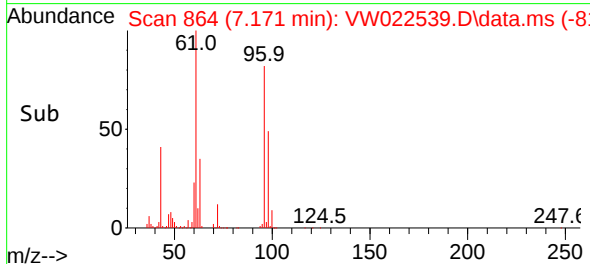
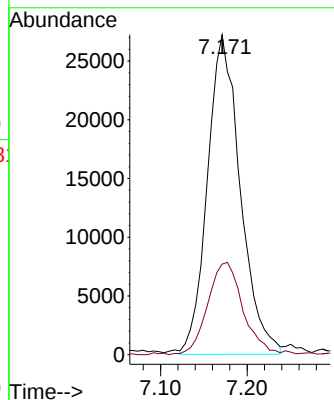
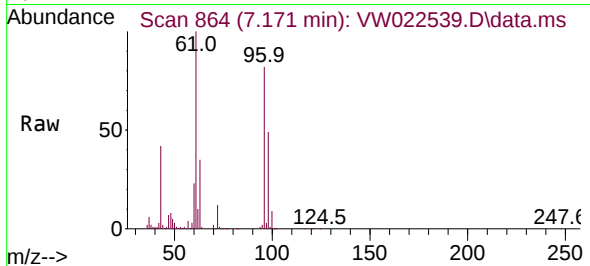




#22
2-Butanone
Concen: 53.293 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

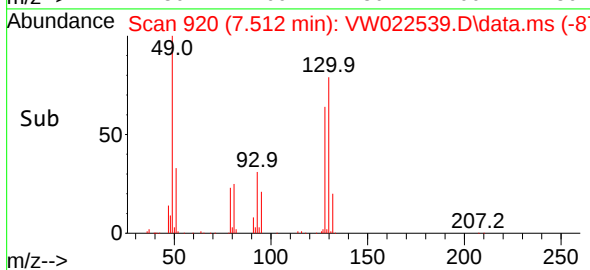
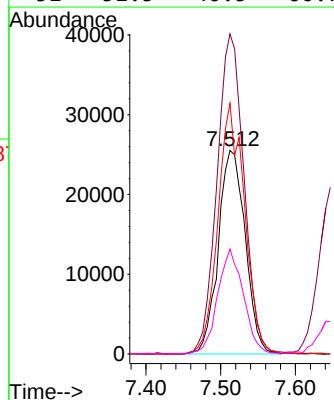
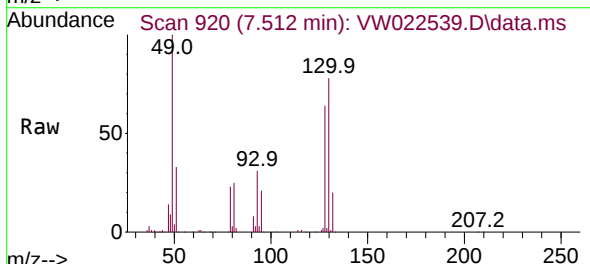
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

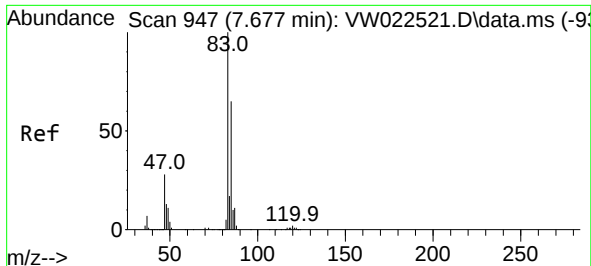
Tgt Ion: 43 Resp: 71714
Ion Ratio Lower Upper
43 100
72 30.8 14.0 42.0



#23
Bromochloromethane
Concen: 26.293 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 128 Resp: 63913
Ion Ratio Lower Upper
128 100
49 157.2 120.8 224.3
130 123.1 81.8 151.8
51 51.5 40.5 60.7

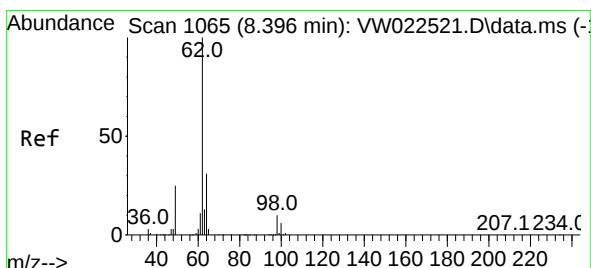
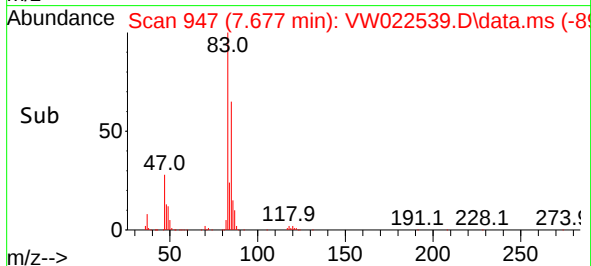
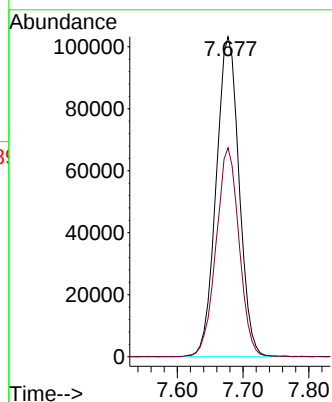
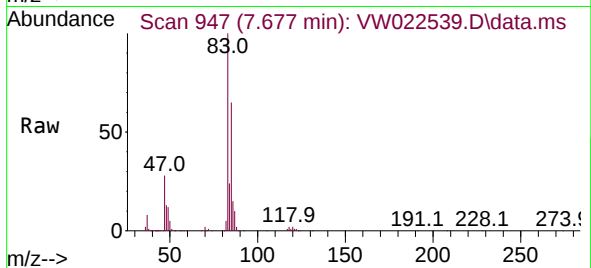




#25
Chloroform
Concen: 24.348 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

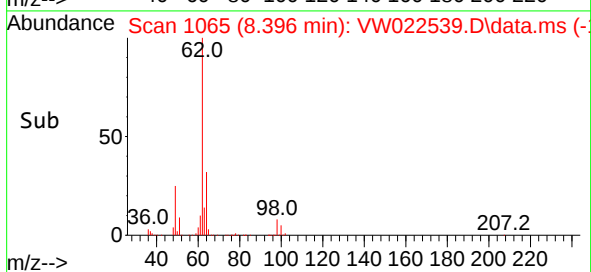
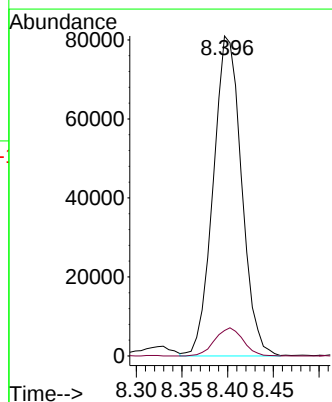
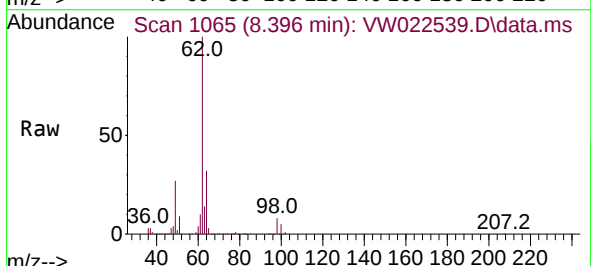
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

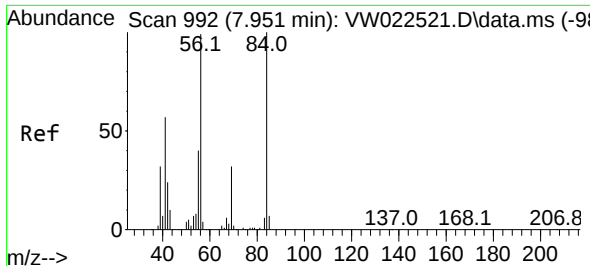
Tgt Ion: 83 Resp: 250236
Ion Ratio Lower Upper
83 100
85 65.3 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.168 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 62 Resp: 174576
Ion Ratio Lower Upper
62 100
98 8.0 6.2 9.2

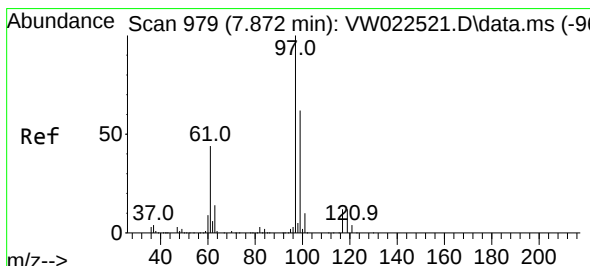
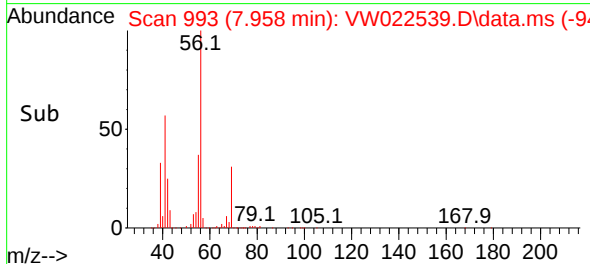
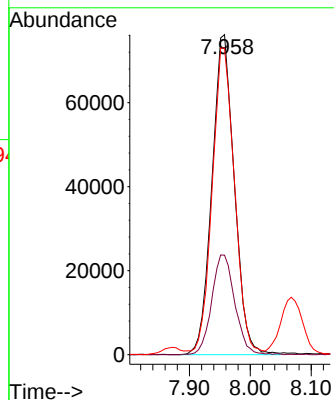
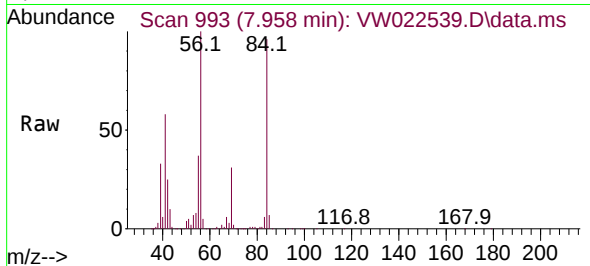




#29
Cyclohexane
Concen: 20.571 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

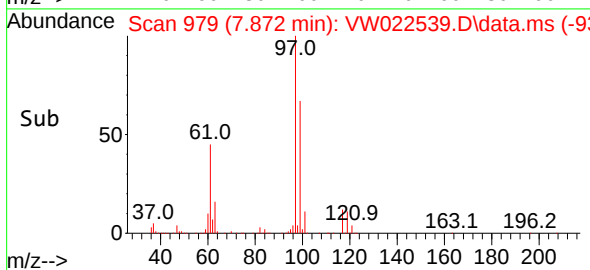
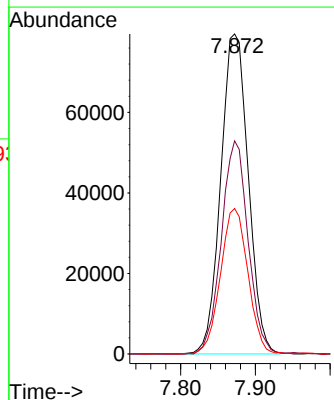
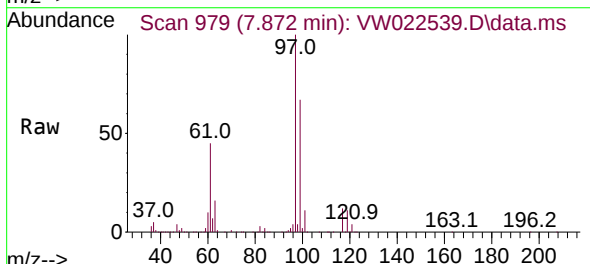
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

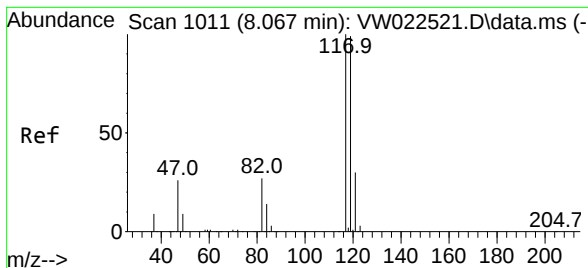
Tgt Ion: 56 Resp: 194296
Ion Ratio Lower Upper
56 100
69 32.1 24.4 36.6
84 95.6 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 22.269 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 97 Resp: 203853
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 45.3 38.7 58.1

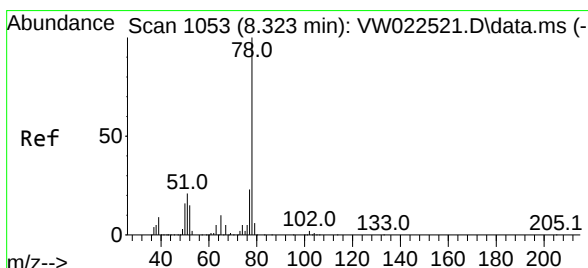
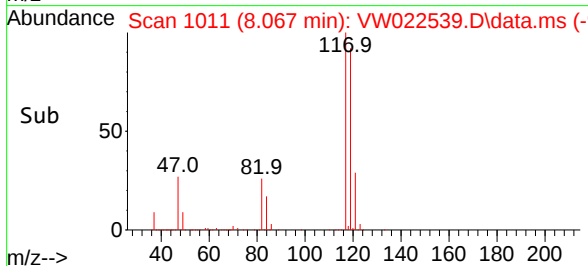
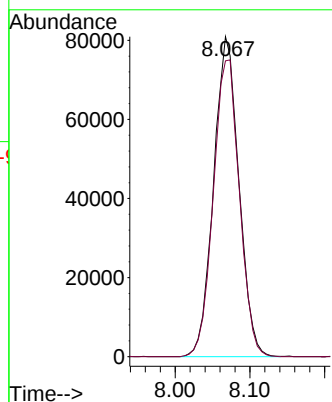
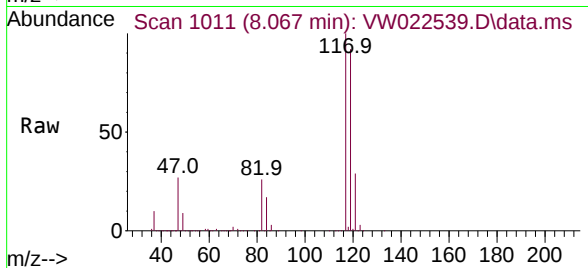




#31
Carbon tetrachloride
Concen: 23.153 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

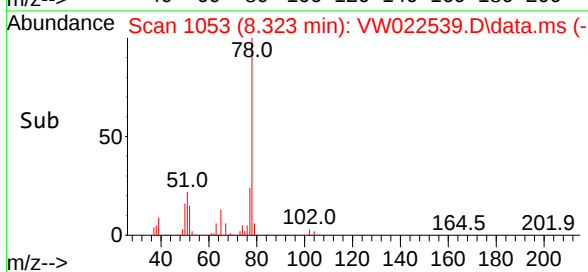
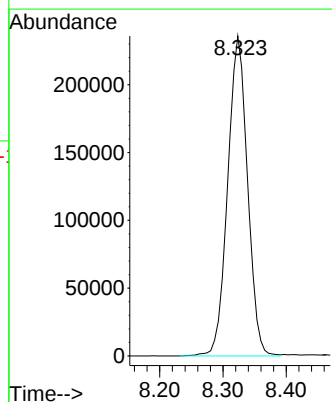
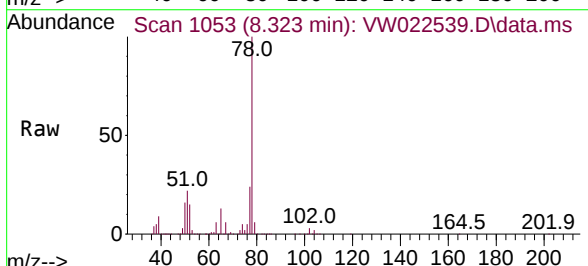
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

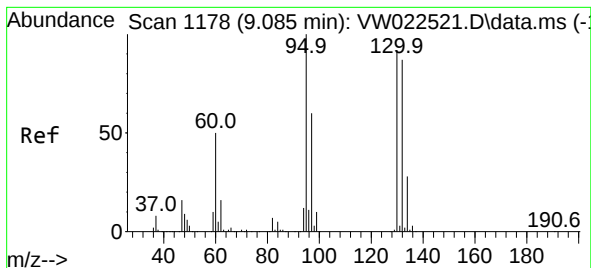
Tgt Ion:117 Resp: 190232
Ion Ratio Lower Upper
117 100
119 95.8 75.5 113.3



#33
Benzene
Concen: 22.915 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 78 Resp: 513430





#34

Trichloroethene

Concen: 23.269 ug/L

RT: 9.091 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

Tgt Ion: 95 Resp: 139592

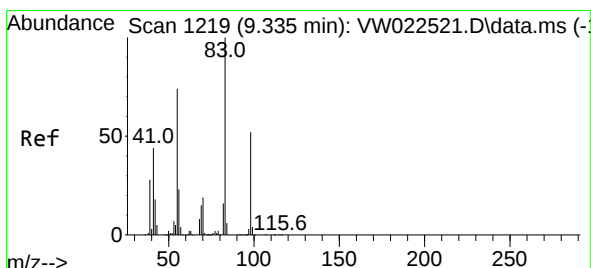
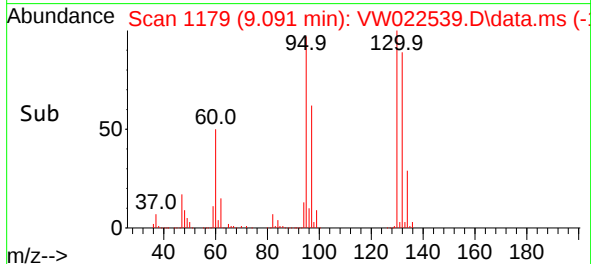
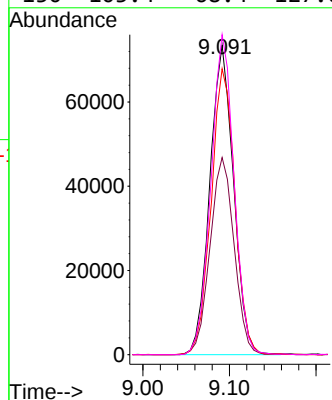
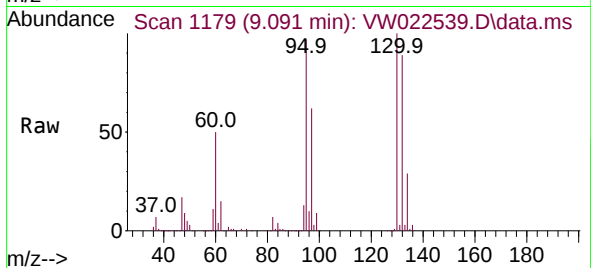
Ion Ratio Lower Upper

95 100

97 63.7 46.4 86.2

132 92.4 67.4 125.2

130 103.4 68.4 127.0



#35

Methylcyclohexane

Concen: 21.611 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

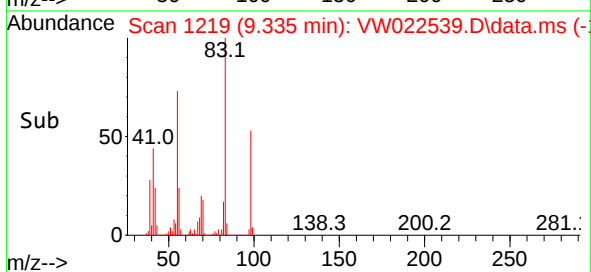
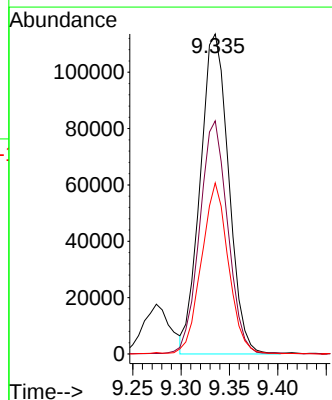
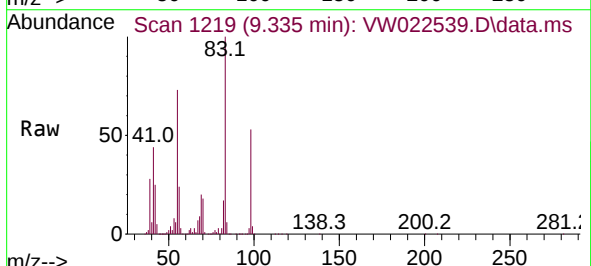
Tgt Ion: 83 Resp: 232610

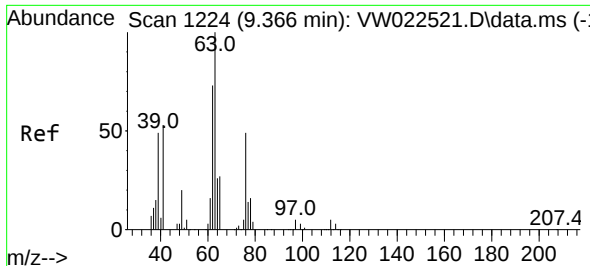
Ion Ratio Lower Upper

83 100

55 71.8 61.0 91.6

98 50.7 39.2 58.8





#37

1,2-Dichloropropane

Concen: 23.807 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

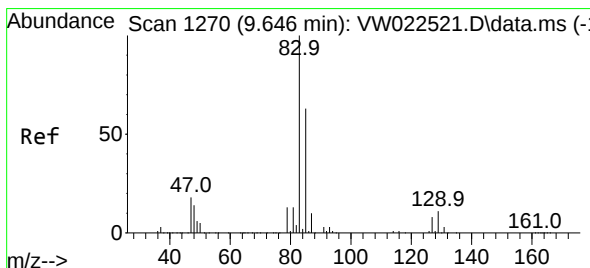
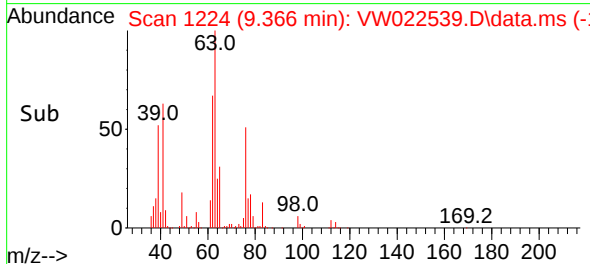
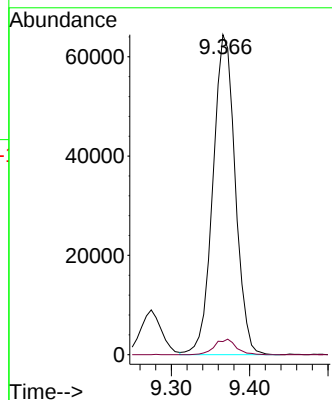
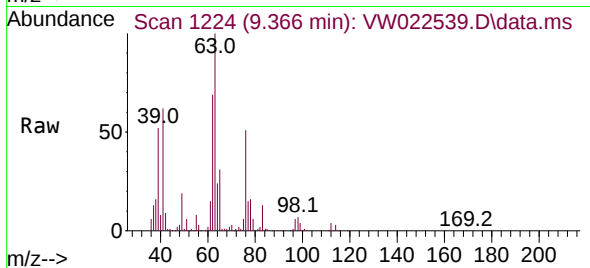
VSTD025485

Tgt Ion: 63 Resp: 127788

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 23.848 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

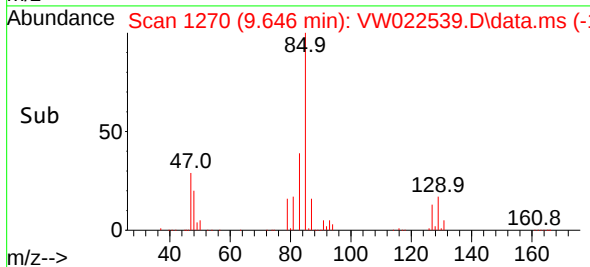
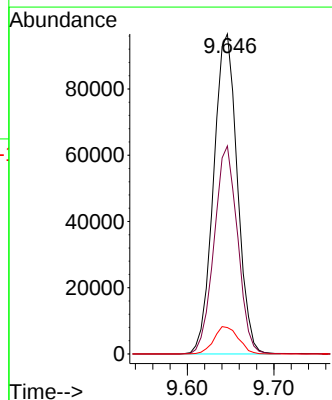
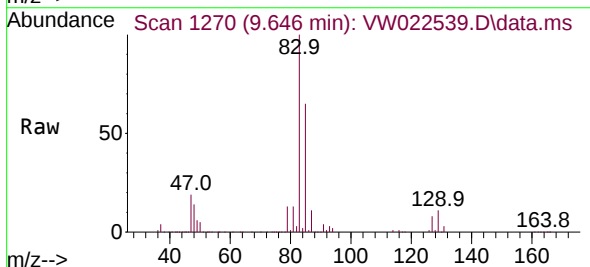
Tgt Ion: 83 Resp: 184078

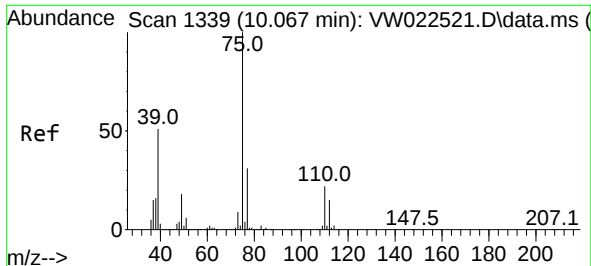
Ion Ratio Lower Upper

83 100

85 65.0 45.2 84.0

127 8.2 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 23.819 ug/L

RT: 10.073 min Scan# 1339

Delta R.T. 0.006 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

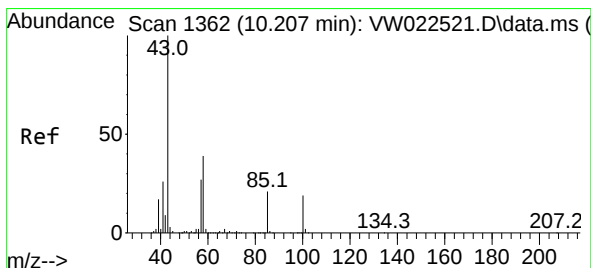
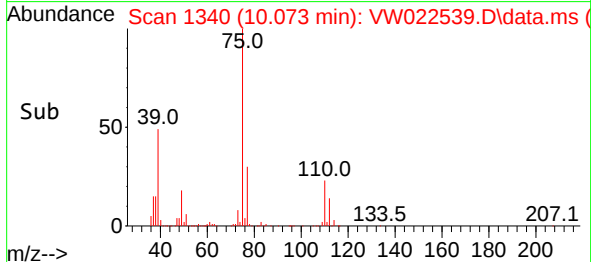
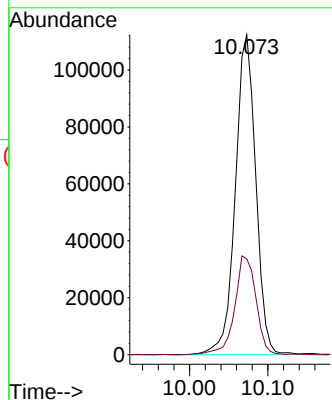
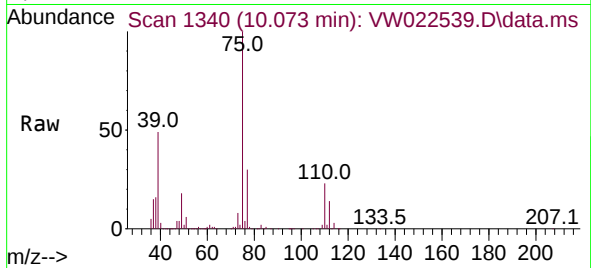
VSTD025485

Tgt Ion: 75 Resp: 202870

Ion Ratio Lower Upper

75 100

77 30.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 53.169 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

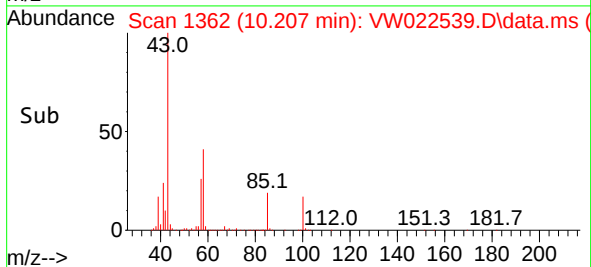
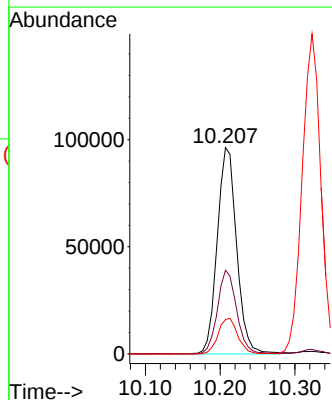
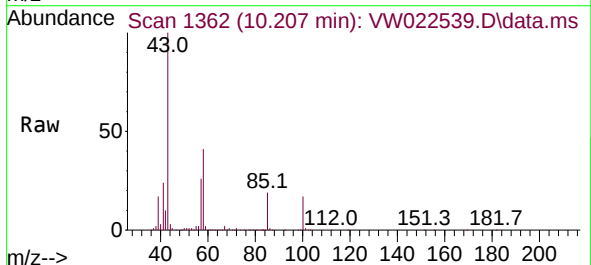
Tgt Ion: 43 Resp: 174166

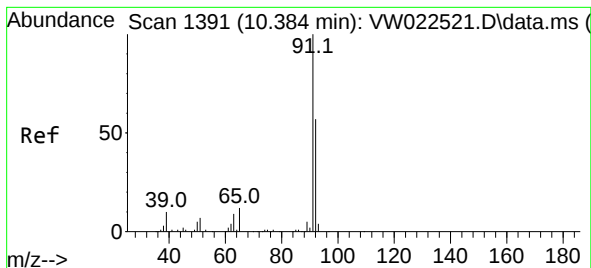
Ion Ratio Lower Upper

43 100

58 40.1 29.3 43.9

100 17.6 12.2 18.4





#42

Toluene

Concen: 23.326 ug/L

RT: 10.384 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

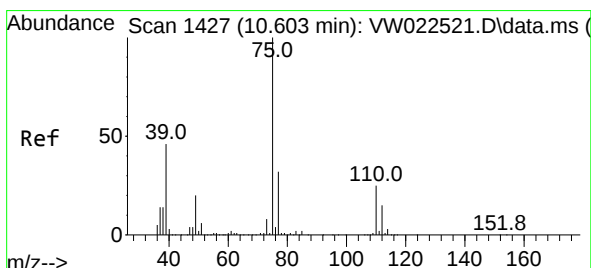
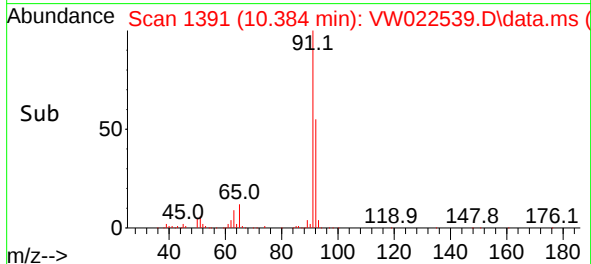
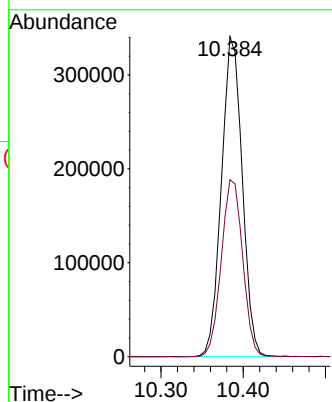
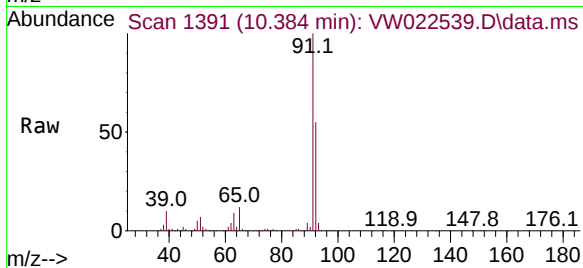
VSTD025485

Tgt Ion: 91 Resp: 598870

Ion Ratio Lower Upper

91 100

92 55.3 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 23.851 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022539.D

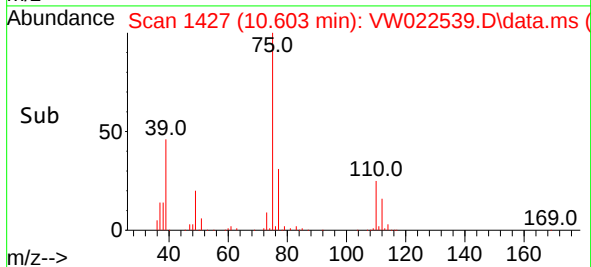
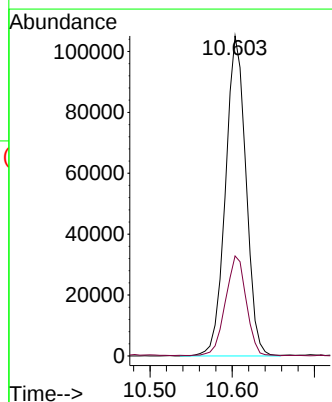
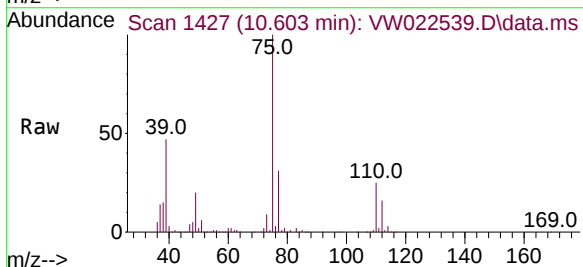
Acq: 13 Apr 2022 18:13

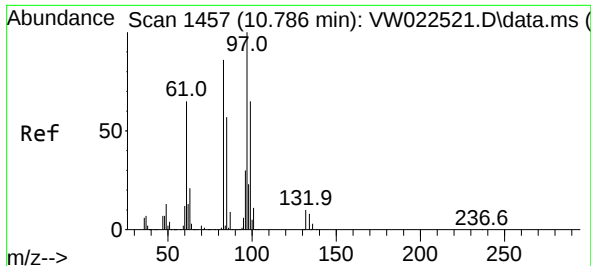
Tgt Ion: 75 Resp: 181898

Ion Ratio Lower Upper

75 100

77 31.2 21.3 39.6



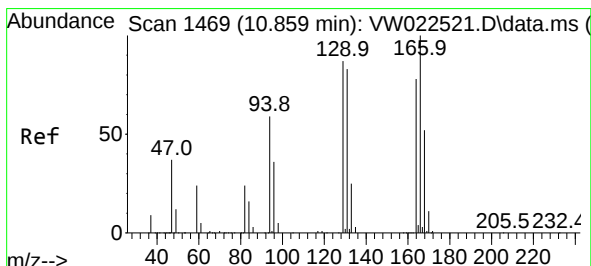
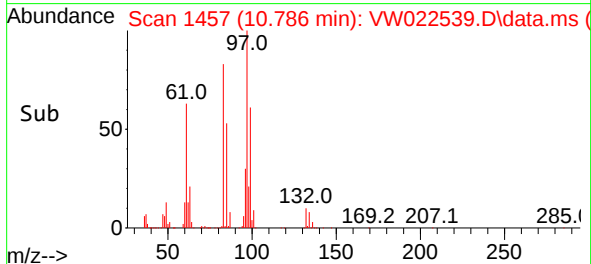
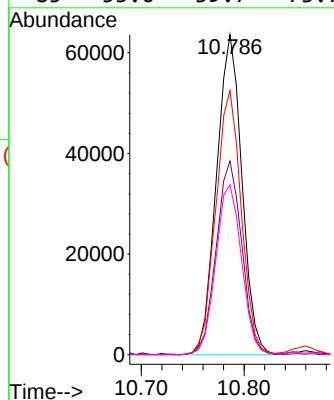
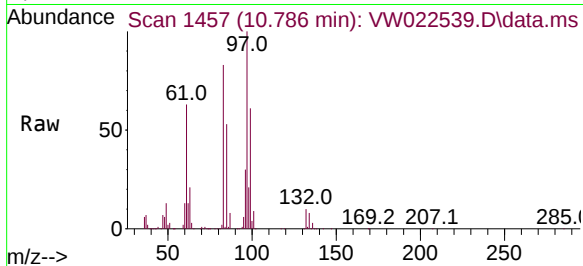


#45
1,1,2-Trichloroethane
Concen: 26.622 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

Tgt Ion: 97 Resp: 109056

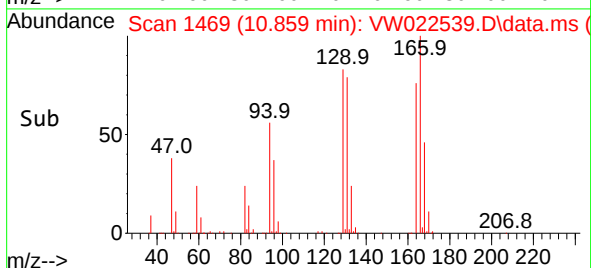
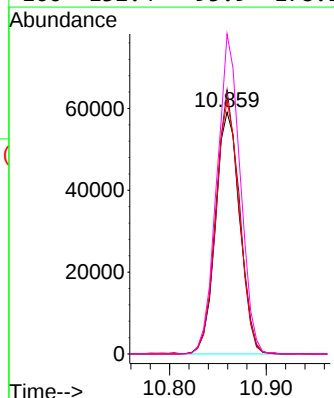
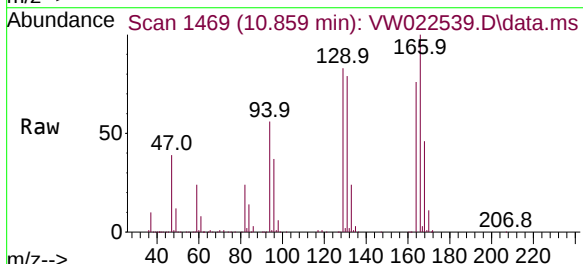
Ion	Ratio	Lower	Upper
97	100		
99	60.5	46.0	85.4
83	82.5	60.6	112.6
85	53.0	39.7	73.7

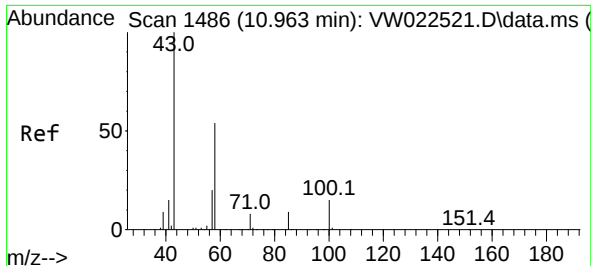


#46
Tetrachloroethene
Concen: 23.400 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 164 Resp: 103188

Ion	Ratio	Lower	Upper
164	100		
129	109.3	74.1	137.7
131	104.7	71.4	132.6
166	132.4	95.9	178.1

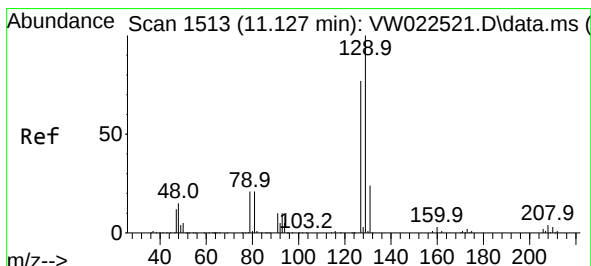
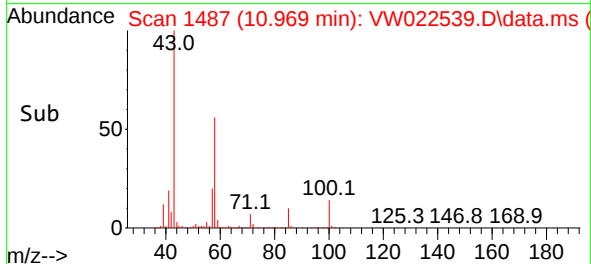
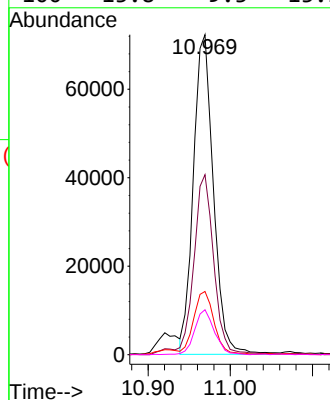
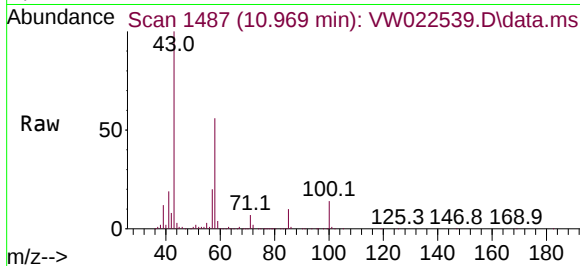




#48
2-Hexanone
Concen: 52.938 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

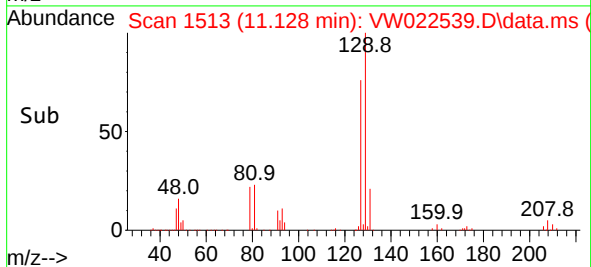
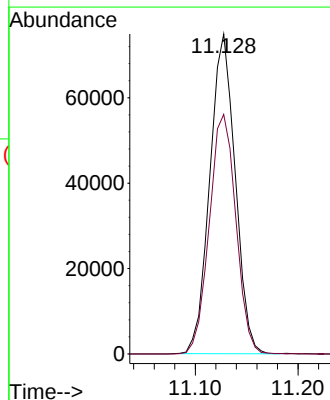
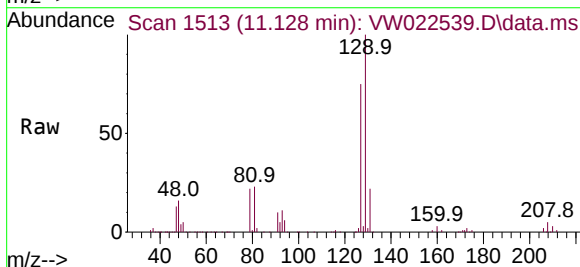
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

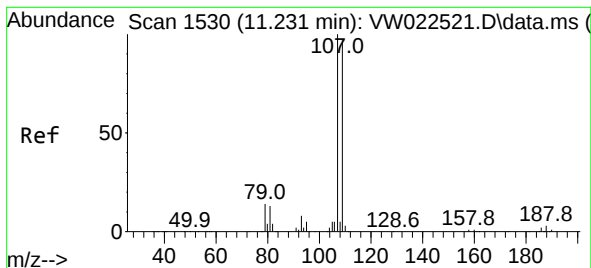
Tgt Ion: 43 Resp: 122337
Ion Ratio Lower Upper
43 100
58 55.6 41.6 62.4
57 20.3 14.5 21.7
100 13.8 9.3 13.9



#49
Dibromochloromethane
Concen: 26.293 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 129 Resp: 128459
Ion Ratio Lower Upper
129 100
127 74.9 52.6 97.6

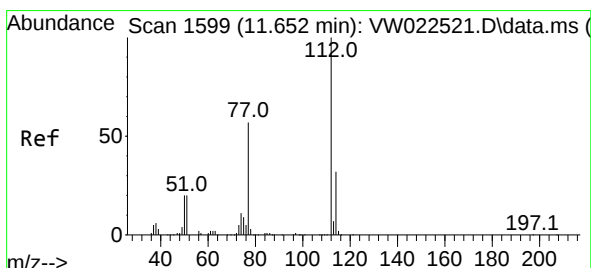
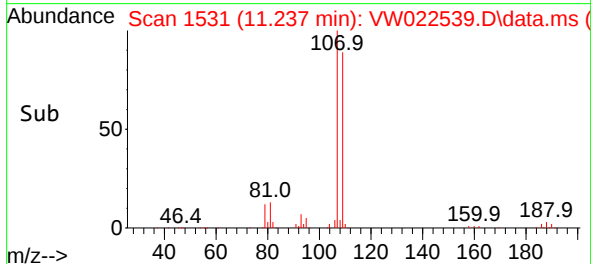
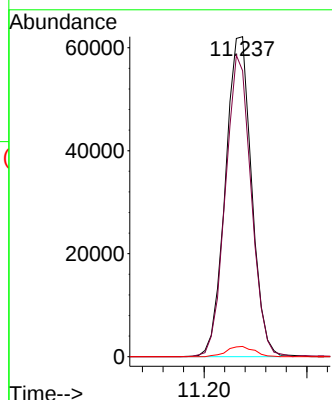
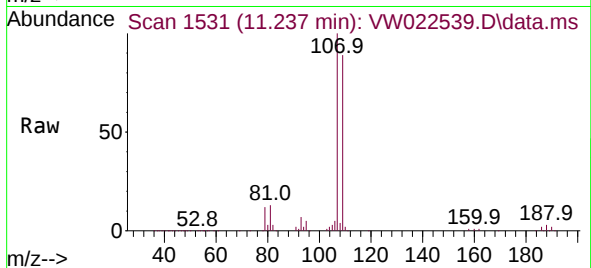




#50
1,2-Dibromoethane
Concen: 27.197 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

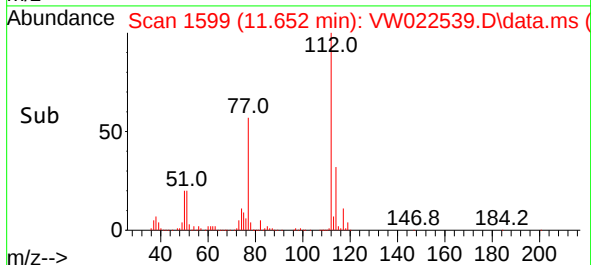
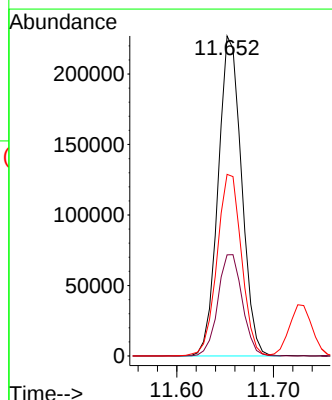
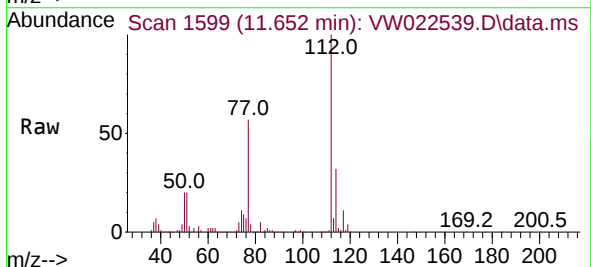
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

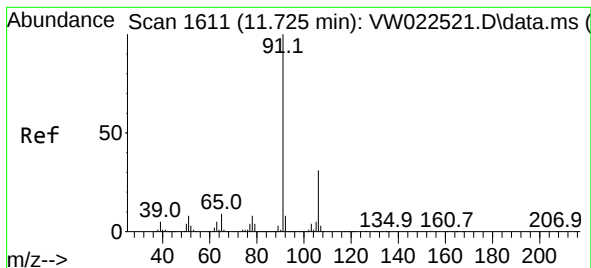
Tgt Ion:107 Resp: 110013
Ion Ratio Lower Upper
107 100
109 89.4 68.2 126.6
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 24.314 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion:112 Resp: 381466
Ion Ratio Lower Upper
112 100
114 31.6 20.5 38.1
77 56.8 48.1 72.1

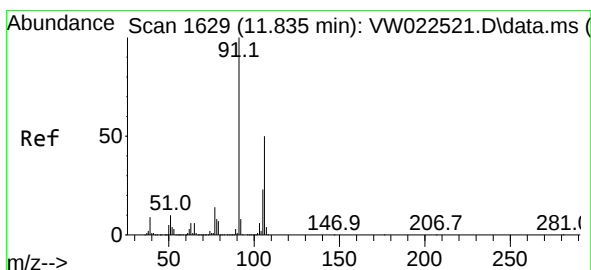
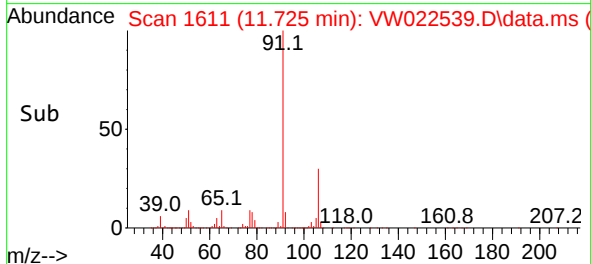
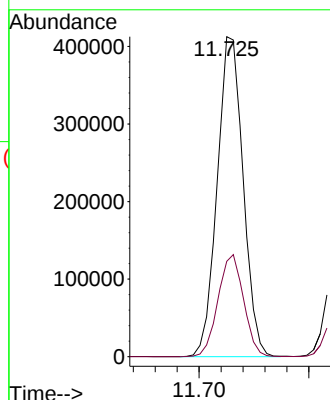
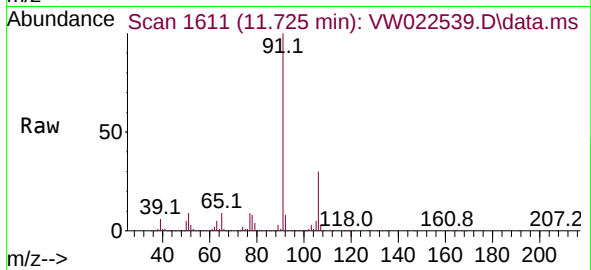




#52
Ethylbenzene
Concen: 23.595 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

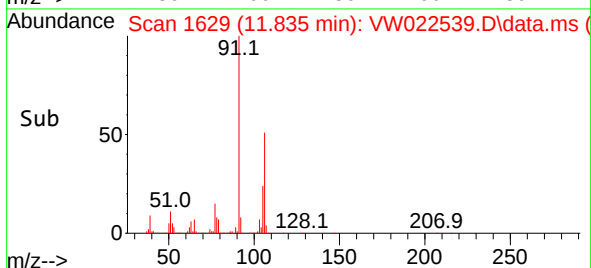
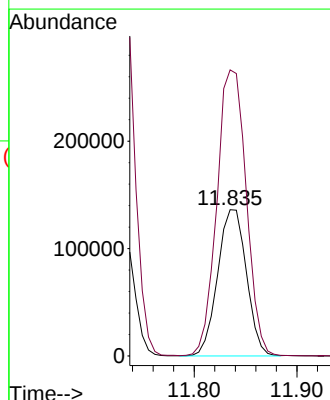
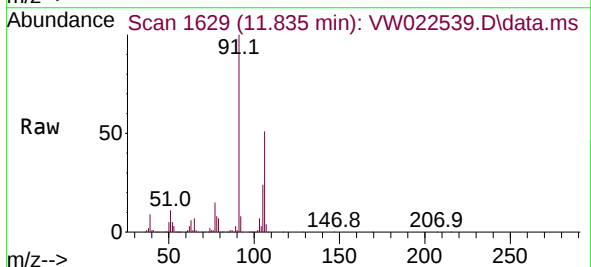
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

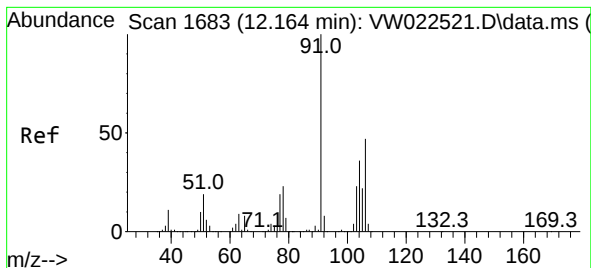
Tgt Ion: 91 Resp: 679017
Ion Ratio Lower Upper
91 100
106 29.8 20.5 38.1



#53
m,p-Xylene
Concen: 24.241 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion:106 Resp: 265251
Ion Ratio Lower Upper
106 100
91 195.7 149.9 278.5





#54

o-Xylene

Concen: 24.350 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

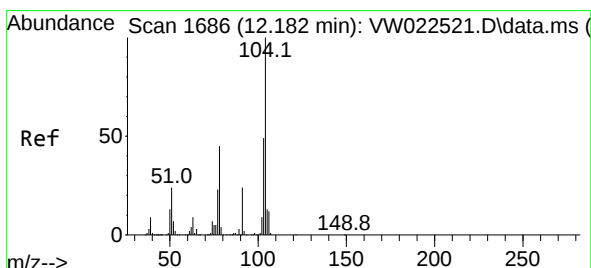
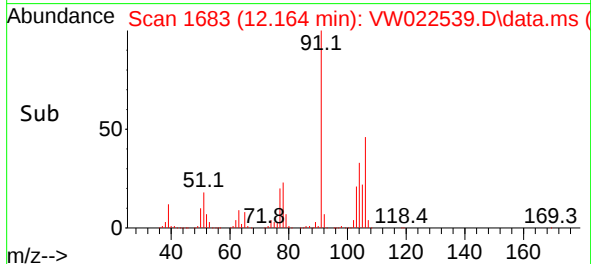
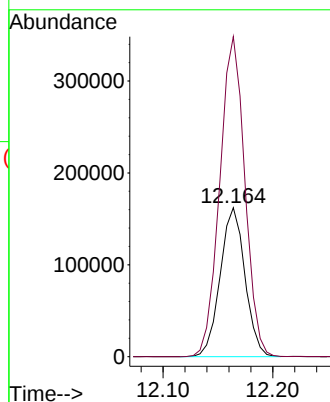
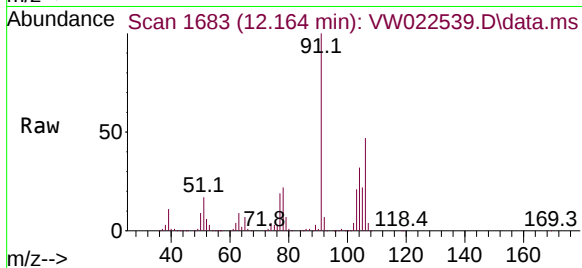
VSTD025485

Tgt Ion:106 Resp: 254612

Ion Ratio Lower Upper

106 100

91 214.9 155.3 288.3



#55

Styrene

Concen: 24.626 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW022539.D

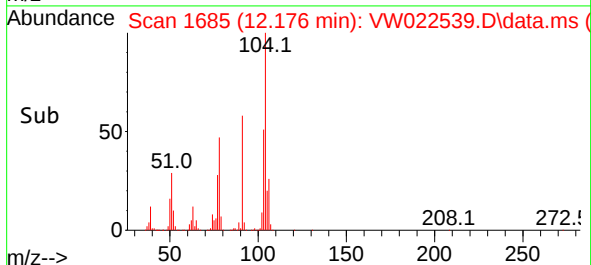
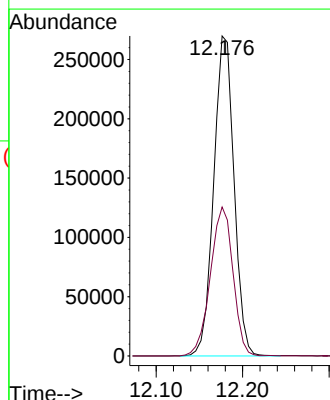
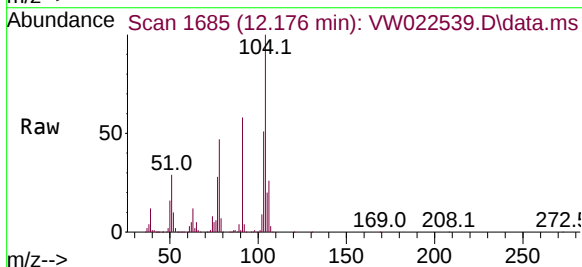
Acq: 13 Apr 2022 18:13

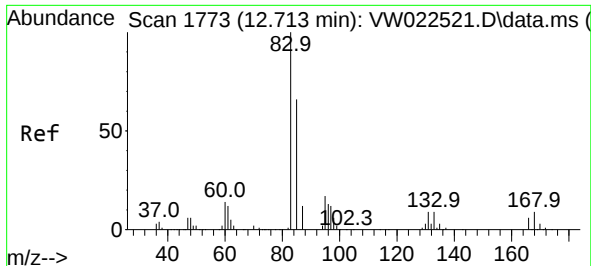
Tgt Ion:104 Resp: 439931

Ion Ratio Lower Upper

104 100

78 46.5 34.4 64.0

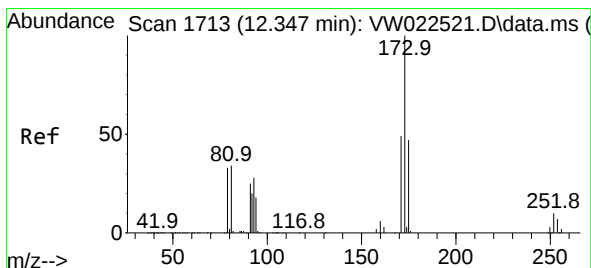
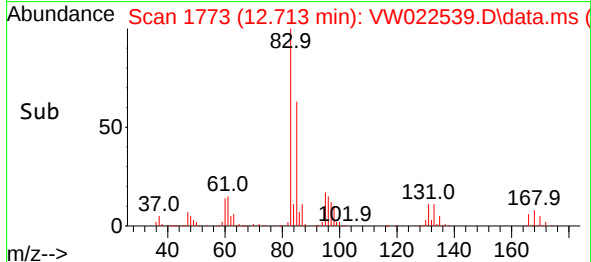
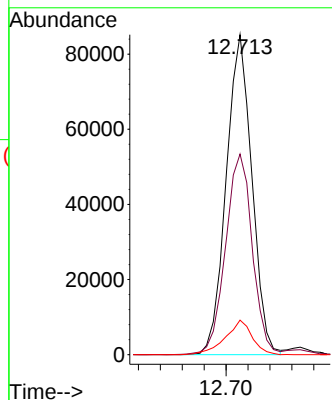
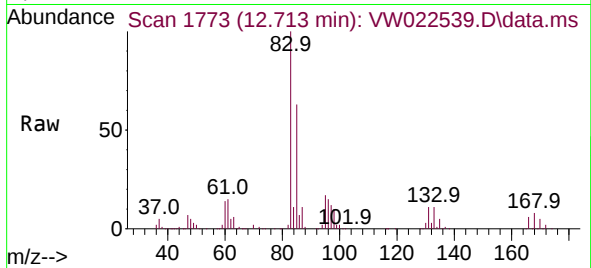




#57
1,1,2-Tetrachloroethane
Concen: 27.554 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

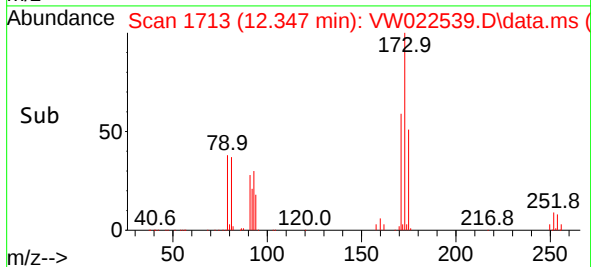
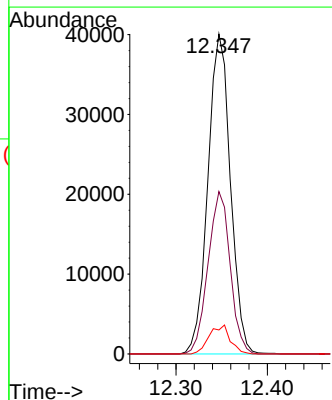
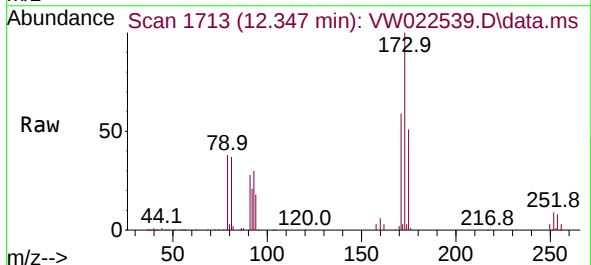
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

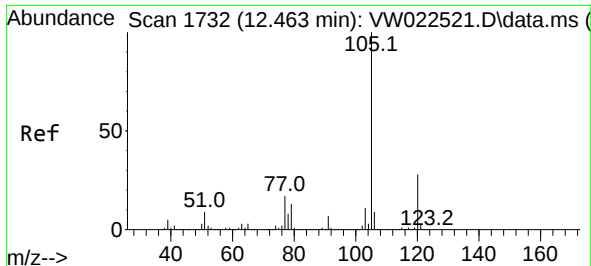
Tgt Ion: 83 Resp: 138542
Ion Ratio Lower Upper
83 100
85 62.7 45.5 84.5
131 10.8 7.8 11.8



#59
Bromoform
Concen: 24.966 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 173 Resp: 68615
Ion Ratio Lower Upper
173 100
175 49.7 39.2 58.8
254 8.4 6.6 9.8

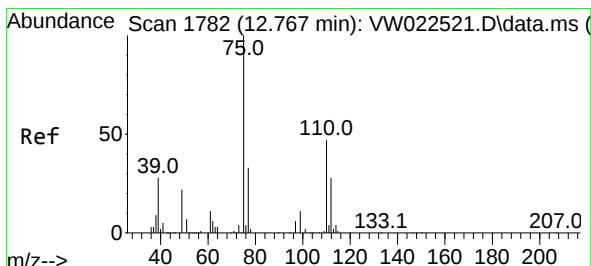
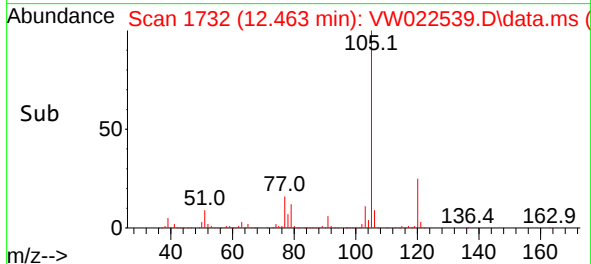
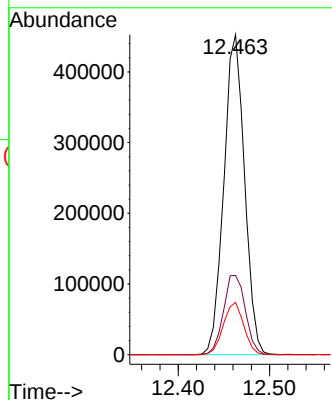
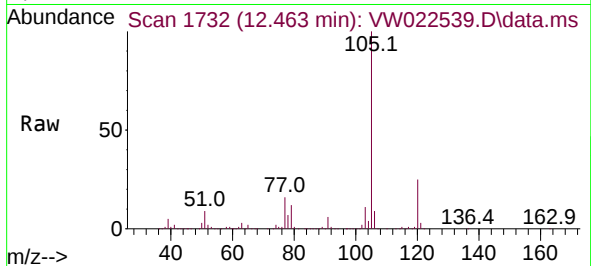




#60
Isopropylbenzene
Concen: 23.185 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

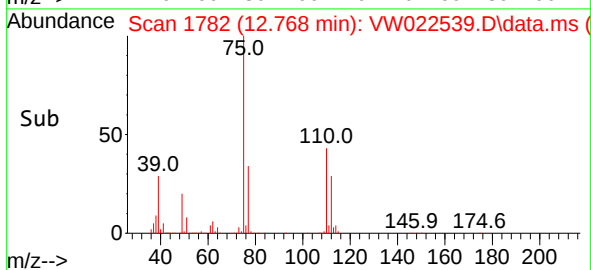
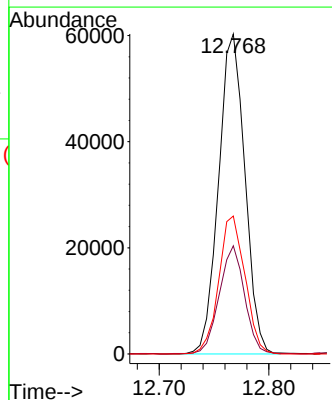
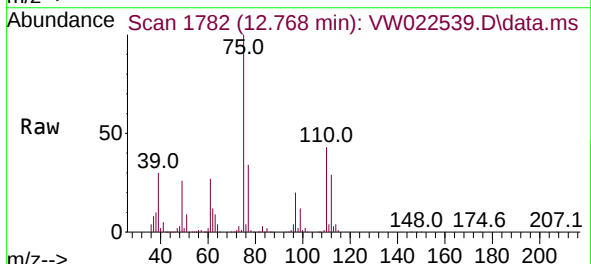
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

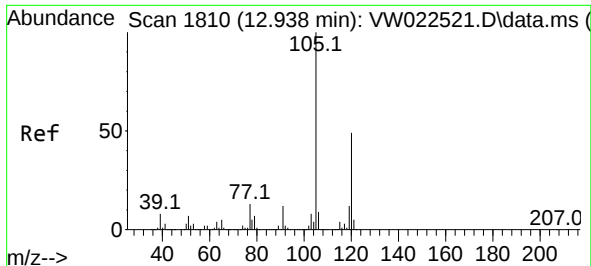
Tgt Ion:105 Resp: 712335
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.2 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 25.551 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion: 75 Resp: 100531
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 43.0 31.8 47.6

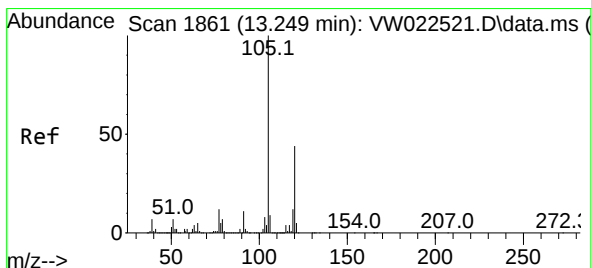
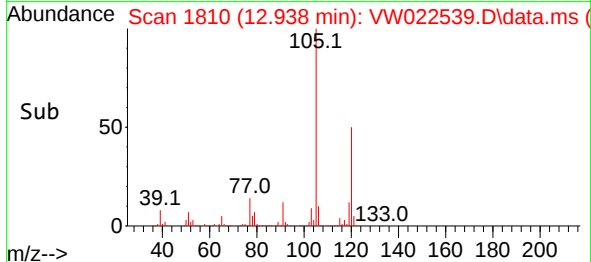
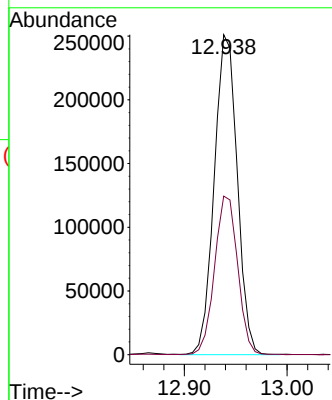
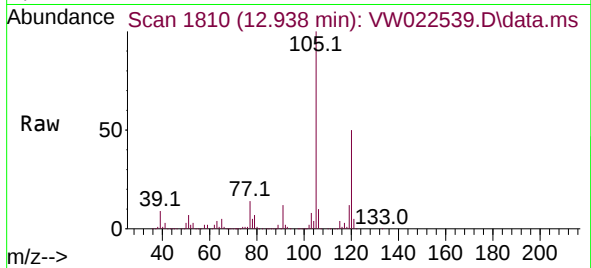




#62
 1,3,5-Trimethylbenzene
 Concen: 23.087 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022539.D
 Acq: 13 Apr 2022 18:13

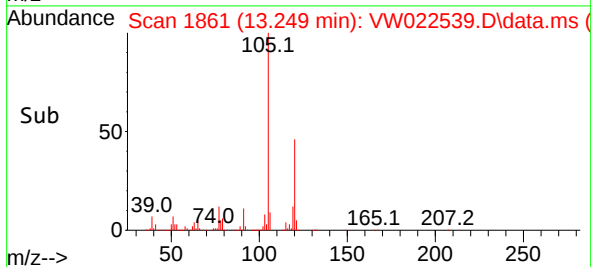
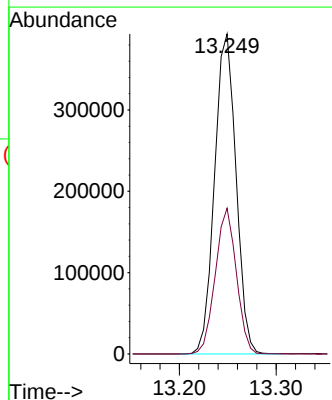
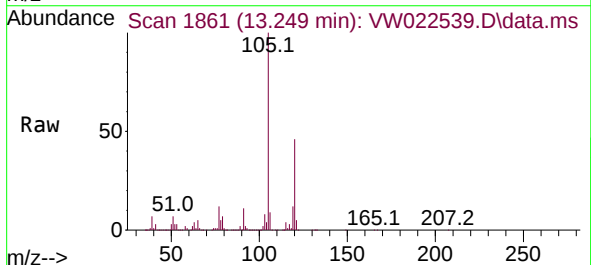
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

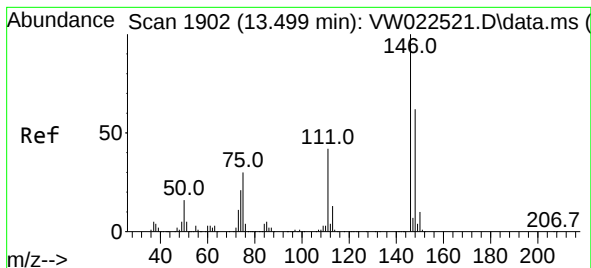
Tgt Ion:105 Resp: 390100
 Ion Ratio Lower Upper
 105 100
 120 49.8 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 23.555 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022539.D
 Acq: 13 Apr 2022 18:13

Tgt Ion:105 Resp: 605233
 Ion Ratio Lower Upper
 105 100
 120 44.7 34.2 51.2

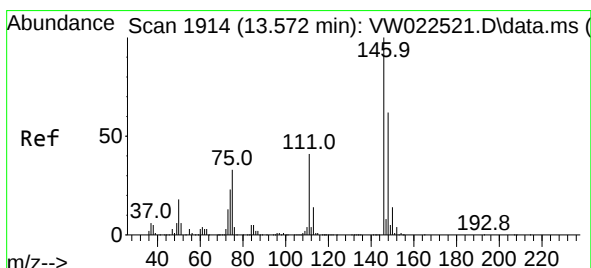
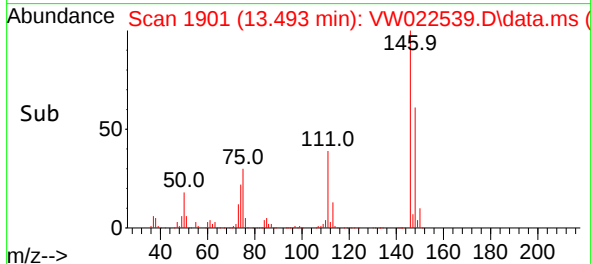
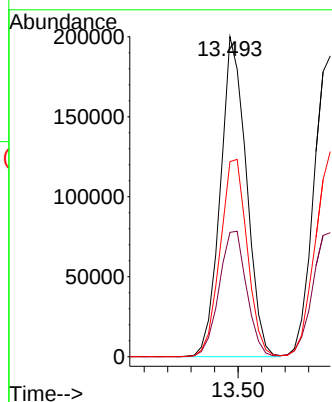
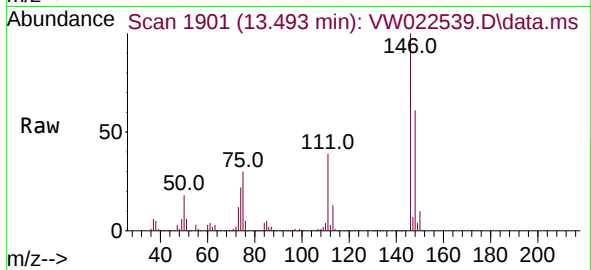




#64
1,3-Dichlorobenzene
Concen: 24.656 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

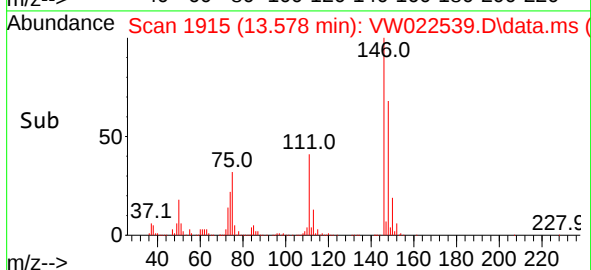
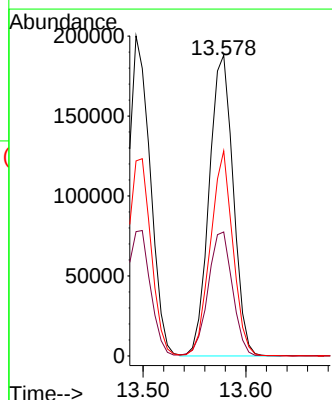
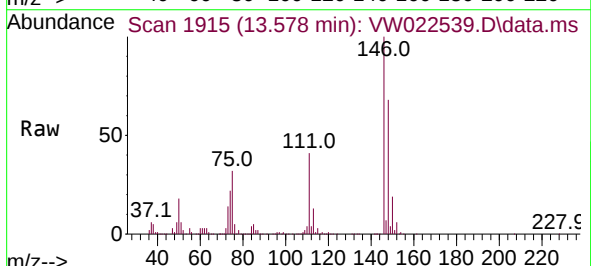
Instrument :
MSVOA_W
ClientSampleId :
VSTD025485

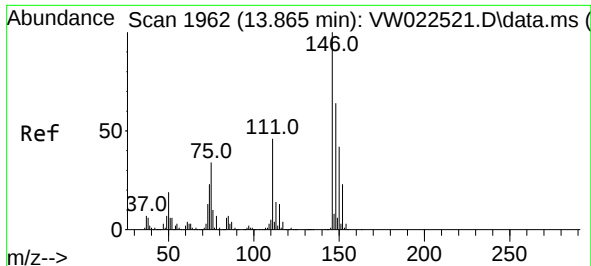
Tgt Ion:146 Resp: 307449
Ion Ratio Lower Upper
146 100
111 38.8 28.2 52.4
148 60.9 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 24.554 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022539.D
Acq: 13 Apr 2022 18:13

Tgt Ion:146 Resp: 305352
Ion Ratio Lower Upper
146 100
111 41.2 28.5 52.9
148 68.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.550 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

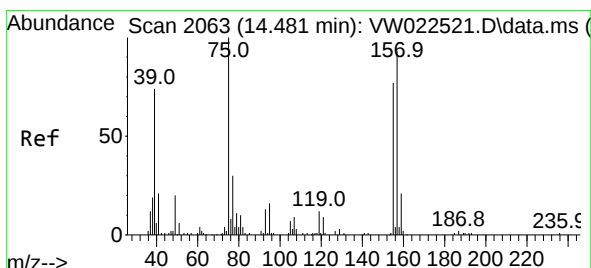
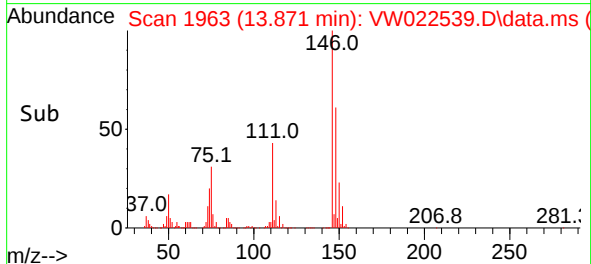
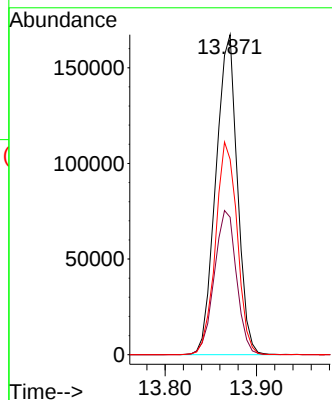
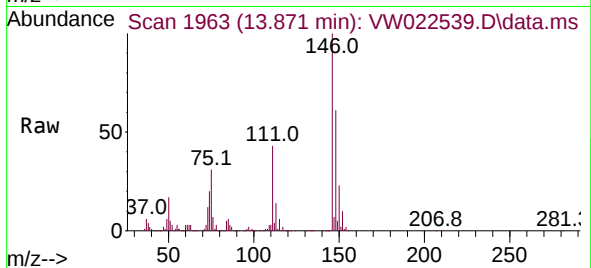
Tgt Ion:146 Resp: 273778

Ion Ratio Lower Upper

146 100

111 43.0 39.0 58.4

148 61.1 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 25.128 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

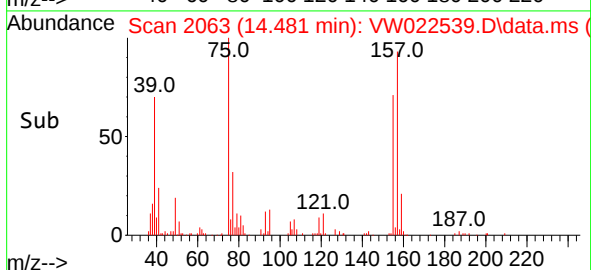
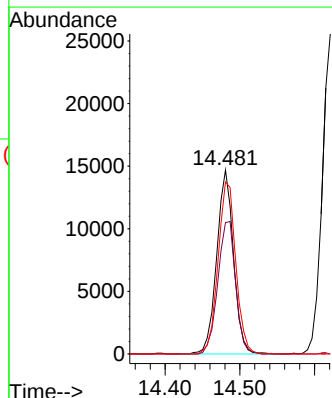
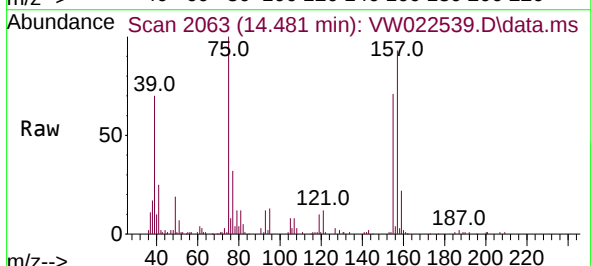
Tgt Ion: 75 Resp: 22929

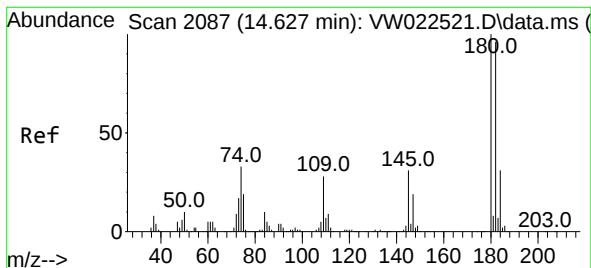
Ion Ratio Lower Upper

75 100

155 71.4 55.6 83.4

157 93.4 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 24.097 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

Tgt Ion:180 Resp: 196048

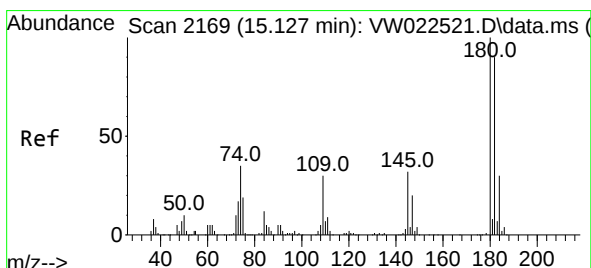
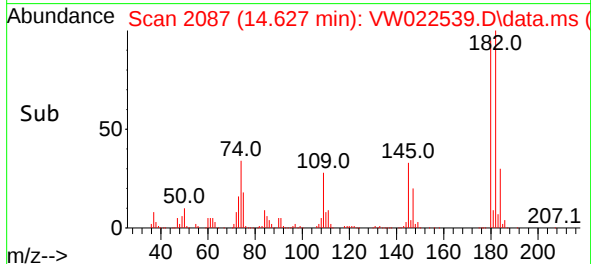
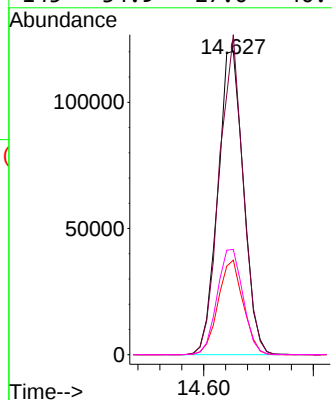
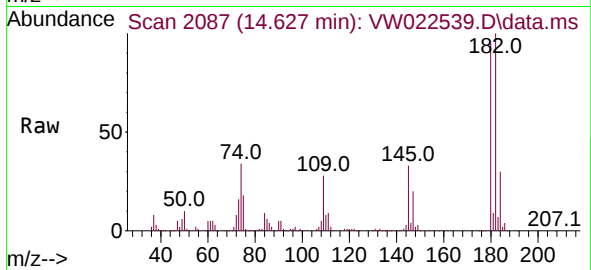
Ion Ratio Lower Upper

180 100

182 97.7 79.1 118.7

184 30.4 24.5 36.7

145 34.9 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 24.812 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

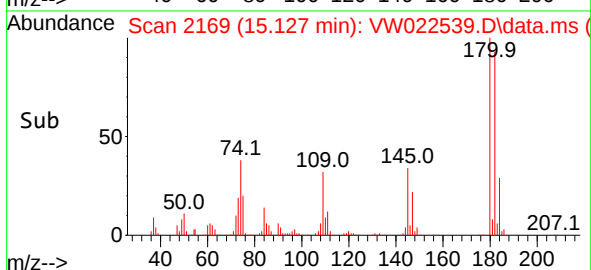
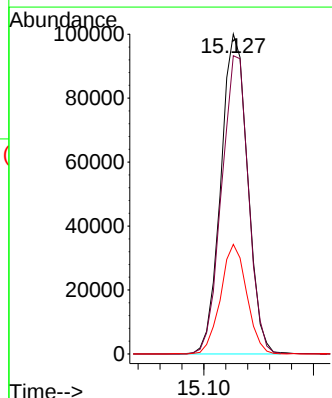
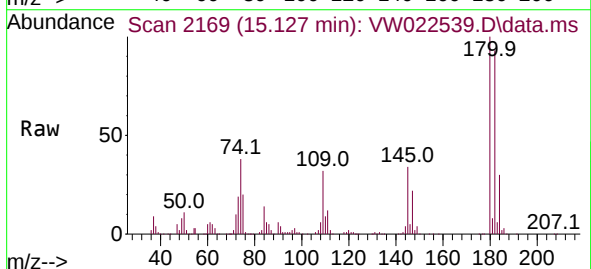
Tgt Ion:180 Resp: 169535

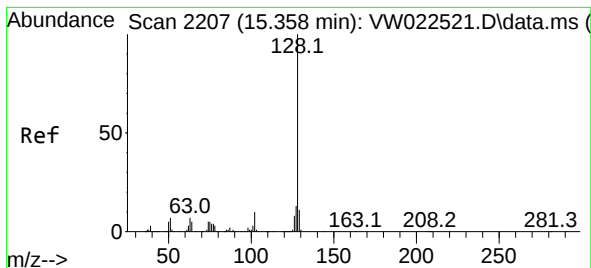
Ion Ratio Lower Upper

180 100

182 93.5 72.8 109.2

145 33.4 25.5 38.3





#71

Naphthalene

Concen: 27.851 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025485

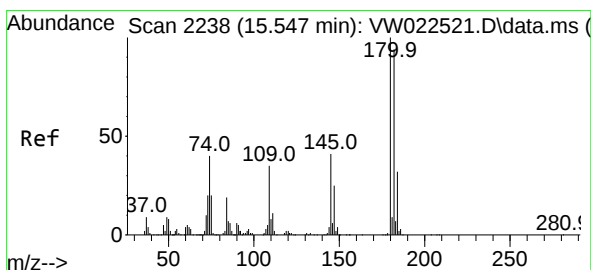
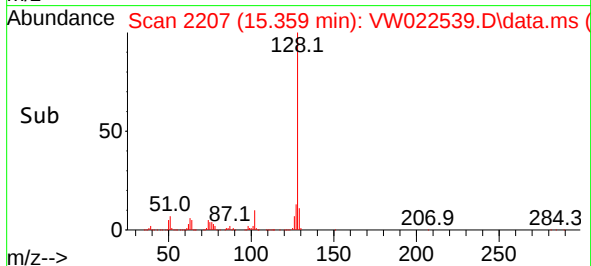
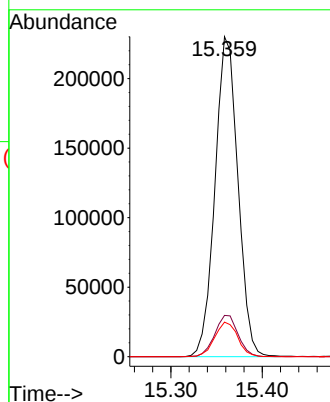
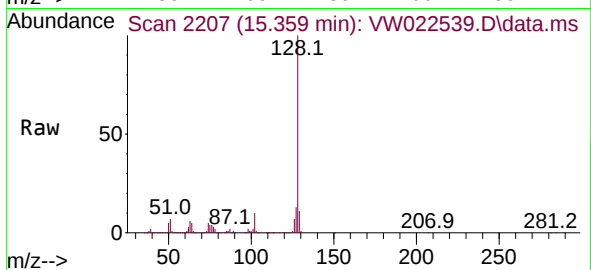
Tgt Ion:128 Resp: 401369

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.152 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022539.D

Acq: 13 Apr 2022 18:13

Tgt Ion:180 Resp: 146900

Ion Ratio Lower Upper

180 100

182 97.5 73.4 110.0

145 37.1 27.0 40.6

