

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041322\
 Data File : VW022521.D
 Acq On : 13 Apr 2022 10:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Apr 14 01:22:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	360500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	350775	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	132869	16.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.680%
7) Chloroethane-d5	2.885	69	95875	19.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	4.019	63	206232	19.951	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.800%
21) 2-Butanone-d5	7.073	46	72034	51.772	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.540%
24) Chloroform-d	7.646	84	272056	24.144	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.560%
26) 1,2-Dichloroethane-d4	8.305	65	149172	23.170	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.680%
32) Benzene-d6	8.268	84	470781	21.967	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.880%
36) 1,2-Dichloropropane-d6	9.274	67	146241	23.580	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.323	98	453626	21.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	10.573	79	65225	22.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.120%
47) 2-Hexanone-d5	10.920	63	61716	53.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	140420	26.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	181843	25.842	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	48157	27.251	ug/L	96
3) Chloromethane	2.221	50	93640	21.253	ug/L	98
5) Vinyl chloride	2.361	62	207064	22.523	ug/L	94
6) Bromomethane	2.781	94	128773	23.041	ug/L	99
8) Chloroethane	2.922	64	95684	23.773	ug/L	100
9) Trichlorofluoromethane	3.257	101	89328	26.318	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	143054	26.468	ug/L	95
12) 1,1-Dichloroethene	4.037	96	129414	26.662	ug/L	90
13) Acetone	4.123	43	41945	44.277	ug/L	93
14) Carbon disulfide	4.385	76	362508	22.702	ug/L	98
15) Methyl Acetate	4.665	43	55697	23.429	ug/L	96
16) Methylene chloride	4.915	84	140990	25.991	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	146963	25.846	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	231443	24.923	ug/L	96
19) 1,1-Dichloroethane	6.214	63	259693	25.030	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	163429	27.213	ug/L #	90
22) 2-Butanone	7.171	43	68955	48.194	ug/L	93
23) Bromochloromethane	7.512	128	72863	28.192	ug/L	96
25) Chloroform	7.677	83	288457	26.397	ug/L	100

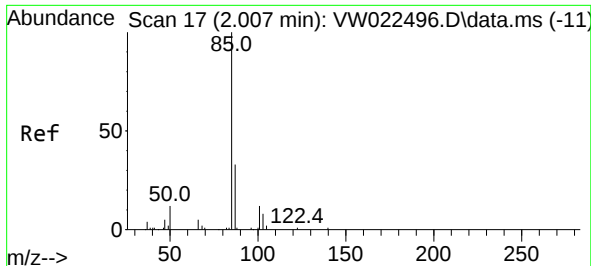
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041322\
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 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	189489	24.672	ug/L #	95
29) Cyclohexane	7.951	56	231144	23.024	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	251035	25.799	ug/L	96
31) Carbon tetrachloride	8.067	117	229518	26.281	ug/L	97
33) Benzene	8.323	78	601891	25.273	ug/L	100
34) Trichloroethene	9.085	95	163960	25.712	ug/L	92
35) Methylcyclohexane	9.335	83	277731	24.276	ug/L	95
37) 1,2-Dichloropropane	9.366	63	143940	25.229	ug/L	100
38) Bromodichloromethane	9.646	83	211536	25.783	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	237604	26.245	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	169162	48.584	ug/L #	93
42) Toluene	10.384	91	695855	25.499	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	209001	25.782	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	116143	26.673	ug/L	99
46) Tetrachloroethene	10.859	164	122232	26.077	ug/L	94
48) 2-Hexanone	10.963	43	119322	48.576	ug/L	97
49) Dibromochloromethane	11.127	129	148566	28.609	ug/L	98
50) 1,2-Dibromoethane	11.231	107	115340	26.826	ug/L	100
51) Chlorobenzene	11.652	112	441320	26.464	ug/L	96
52) Ethylbenzene	11.725	91	782432	25.579	ug/L	96
53) m,p-Xylene	11.835	106	309740	26.631	ug/L	92
54) o-Xylene	12.164	106	298636	26.869	ug/L	94
55) Styrene	12.182	104	502715	26.474	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	141318	26.442	ug/L	98
59) Bromoform	12.347	173	75580	25.602	ug/L	98
60) Isopropylbenzene	12.463	105	821598	24.896	ug/L	97
61) 1,2,3-Trichloropropane	12.767	75	102788	24.322	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	464335	25.584	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	703400	25.486	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	351442	26.240	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	356059	26.656	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	320596	26.765	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23132	23.601	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	235846	26.989	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	198337	27.025	ug/L	96
71) Naphthalene	15.358	128	418008	27.004	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	169830	27.072	ug/L	97

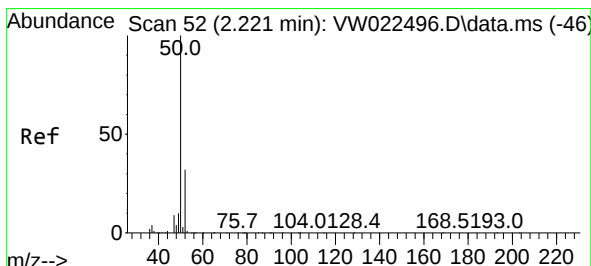
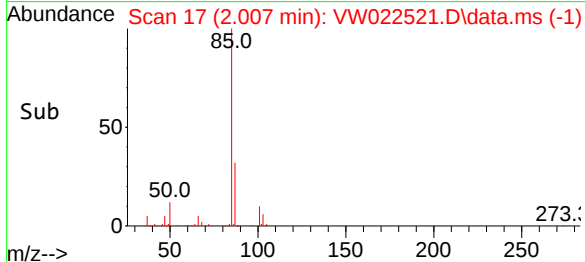
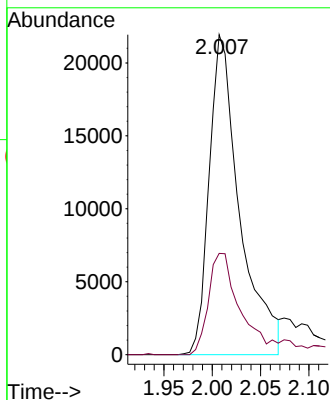
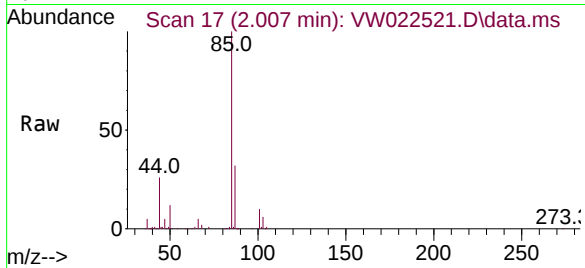
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 27.251 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022521.D
 Acq: 13 Apr 2022 10:17

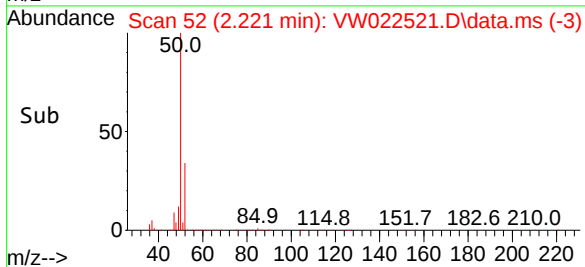
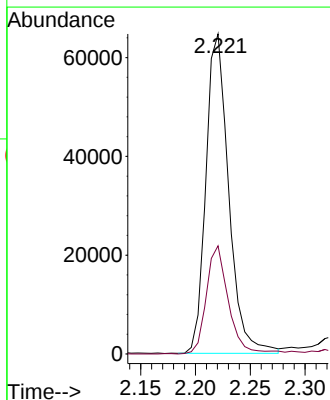
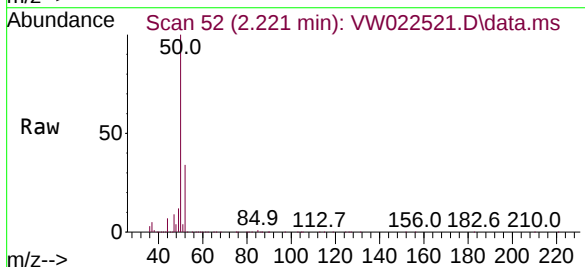
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

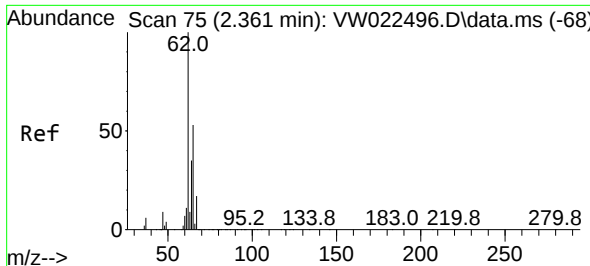
Tgt Ion: 85 Resp: 48157
 Ion Ratio Lower Upper
 85 100
 87 31.9 23.7 35.5



#3
 Chloromethane
 Concen: 21.253 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022521.D
 Acq: 13 Apr 2022 10:17

Tgt Ion: 50 Resp: 93640
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.6

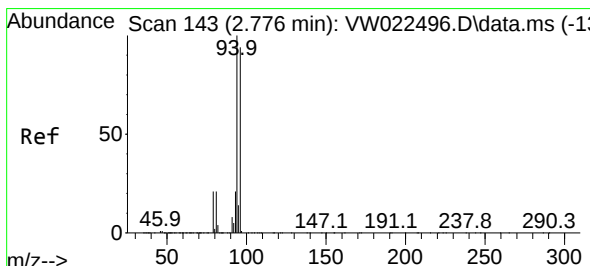
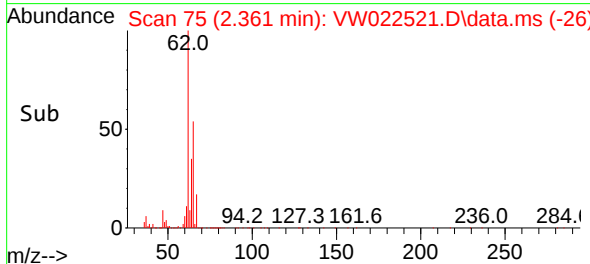
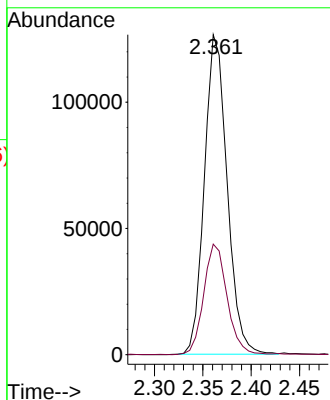
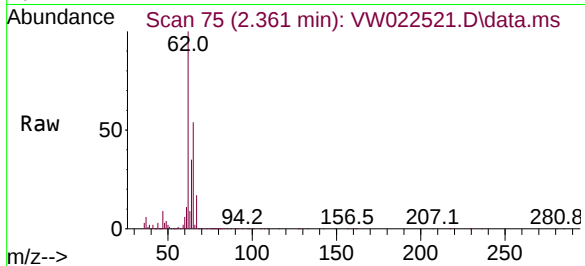




#5
 Vinyl chloride
 Concen: 22.523 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022521.D
 Acq: 13 Apr 2022 10:17

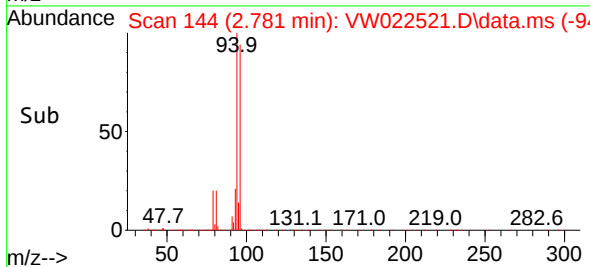
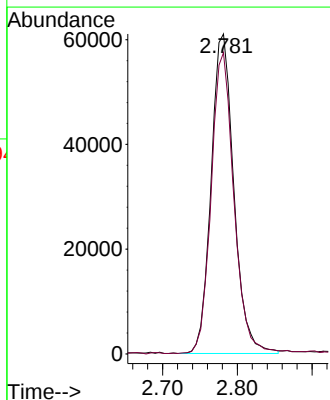
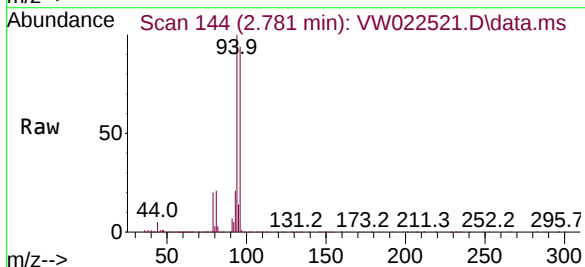
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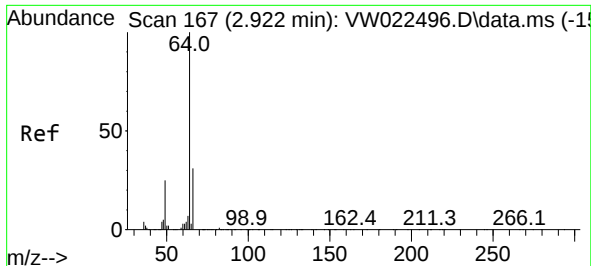
Tgt Ion: 62 Resp: 207064
 Ion Ratio Lower Upper
 62 100
 64 34.5 26.5 49.3



#6
 Bromomethane
 Concen: 23.041 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022521.D
 Acq: 13 Apr 2022 10:17

Tgt Ion: 94 Resp: 128773
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.6 123.6

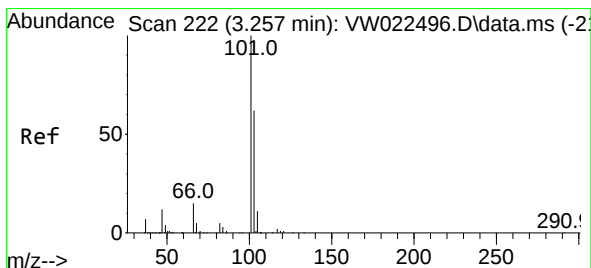
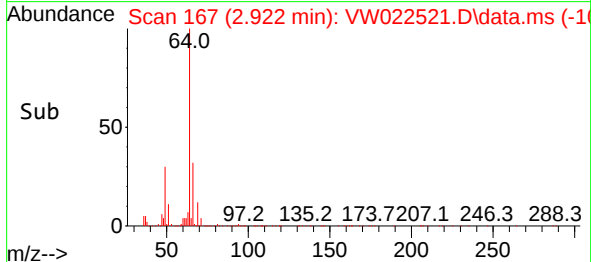
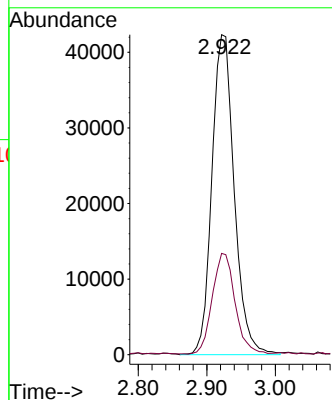
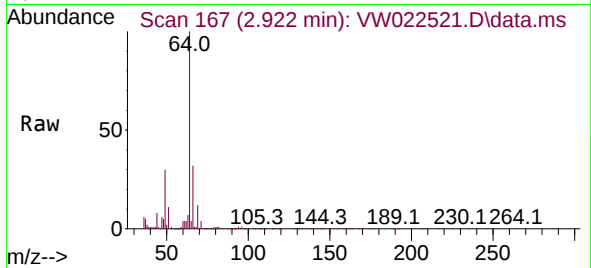




#8
Chloroethane
Concen: 23.773 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

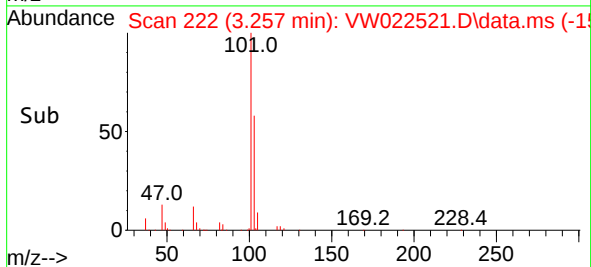
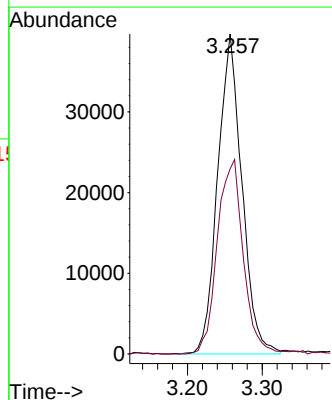
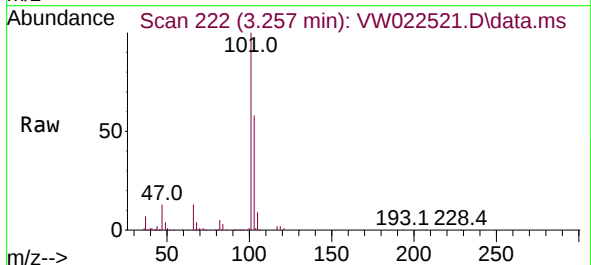
Instrument :
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ClientSampleId :
VSTD025484

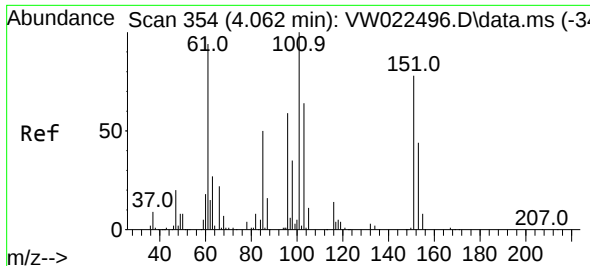
Tgt Ion: 64 Resp: 95684
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 26.318 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion: 101 Resp: 89328
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0

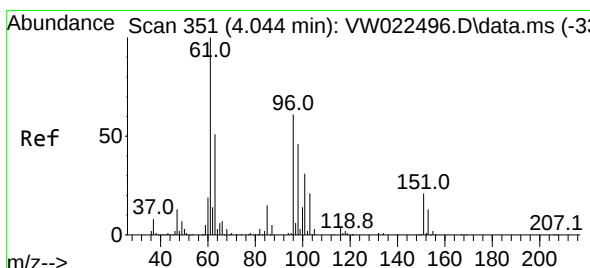
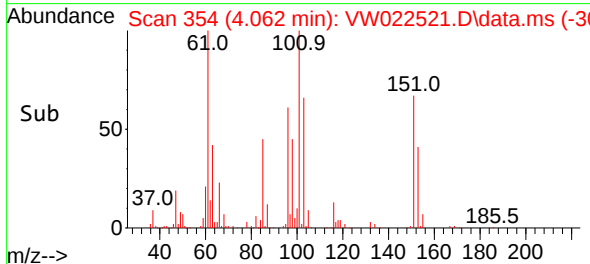
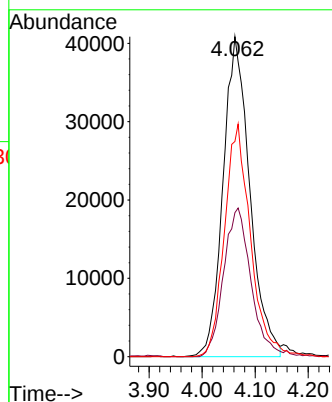
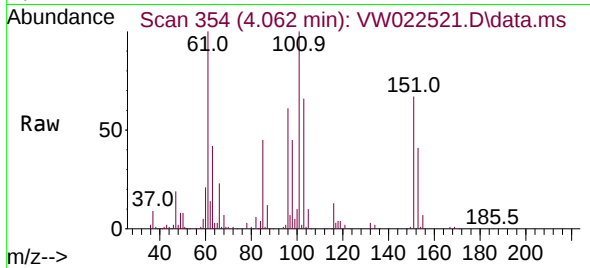




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.468 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW022521.D
 Acq: 13 Apr 2022 10:17

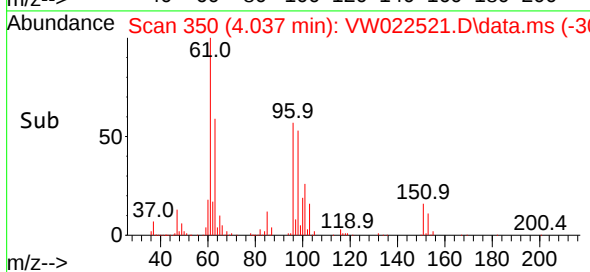
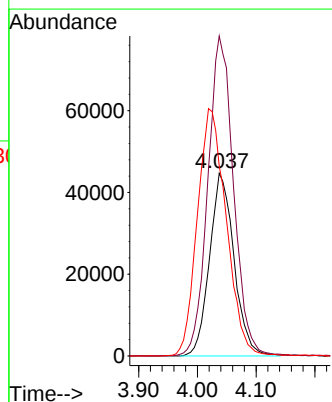
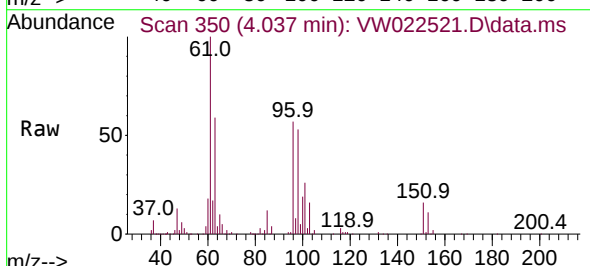
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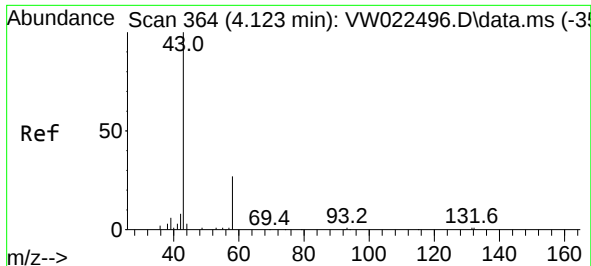
Tgt Ion:101 Resp: 143054
 Ion Ratio Lower Upper
 101 100
 85 47.3 39.2 58.8
 151 70.6 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 26.662 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022521.D
 Acq: 13 Apr 2022 10:17

Tgt Ion: 96 Resp: 129414
 Ion Ratio Lower Upper
 96 100
 61 175.2 128.0 237.6
 63 103.9 86.6 160.8

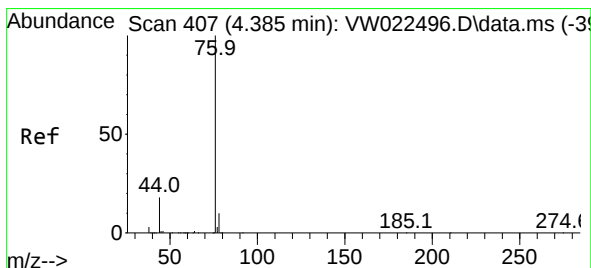
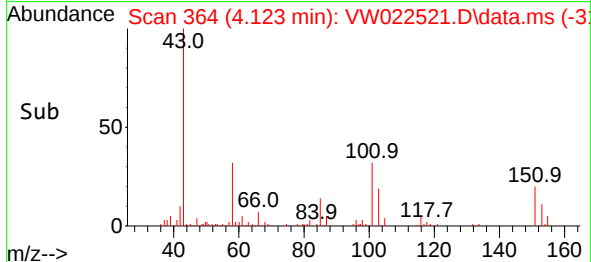
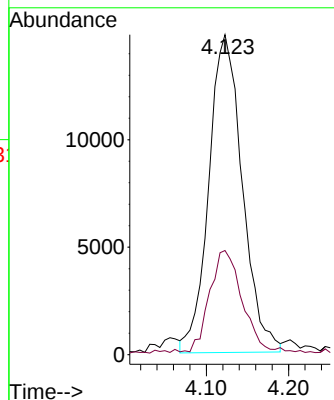
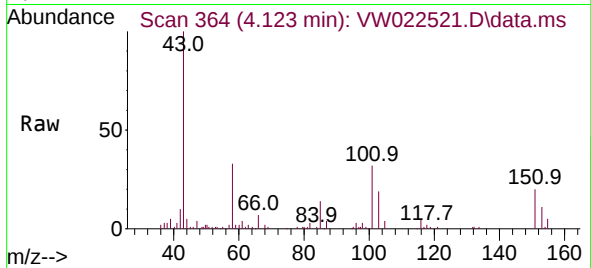




#13
Acetone
Concen: 44.277 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

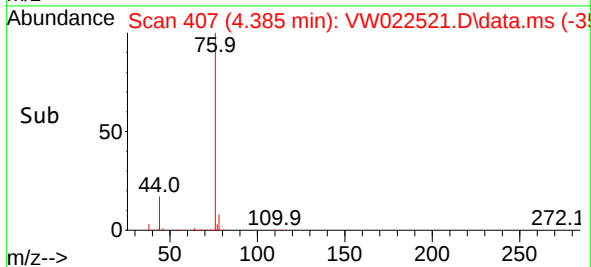
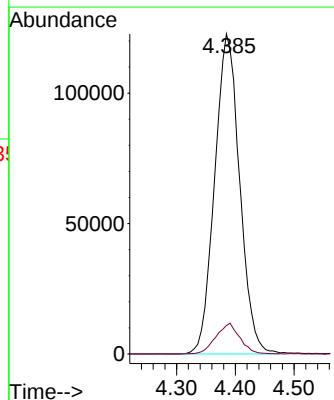
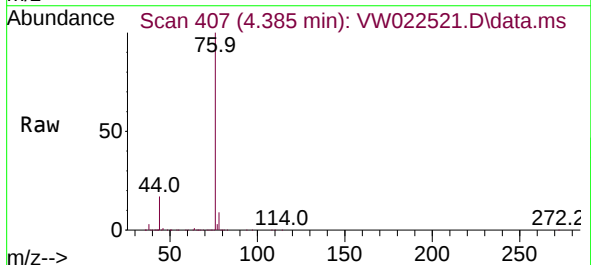
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

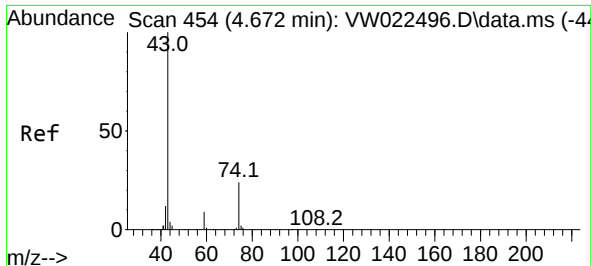
Tgt Ion: 43 Resp: 41945
Ion Ratio Lower Upper
43 100
58 32.3 0.0 57.0



#14
Carbon disulfide
Concen: 22.702 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion: 76 Resp: 362508
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

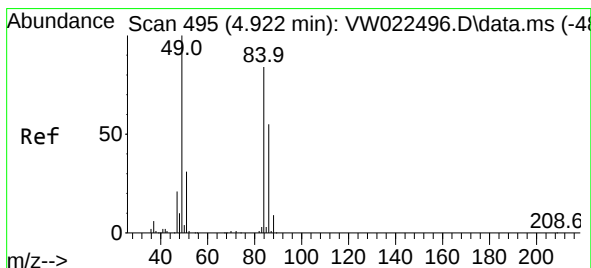
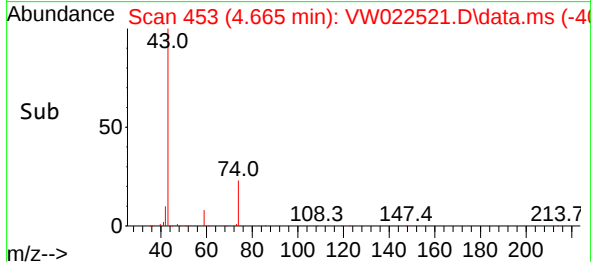
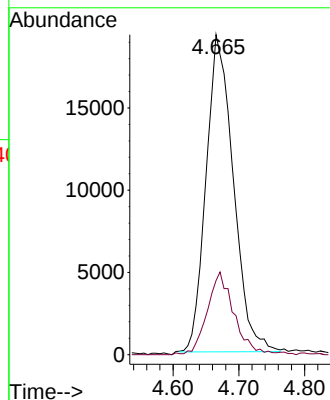
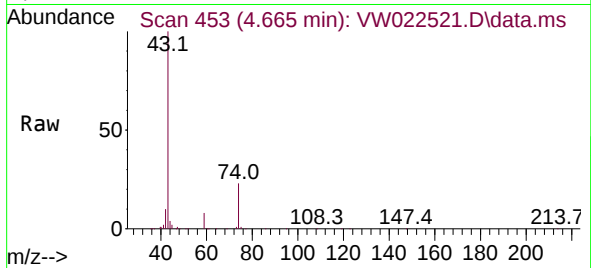




#15
Methyl Acetate
Concen: 23.429 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

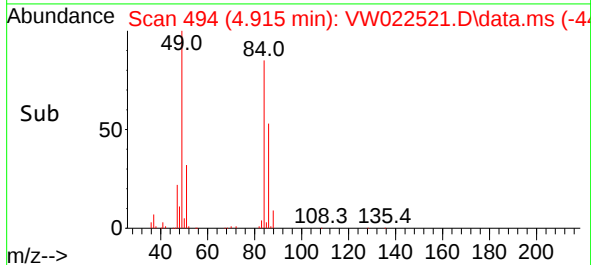
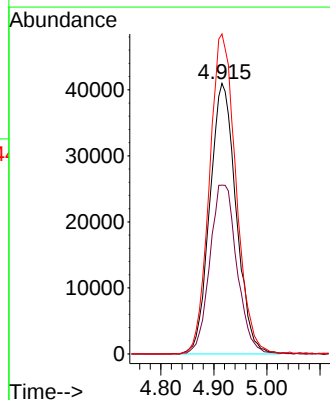
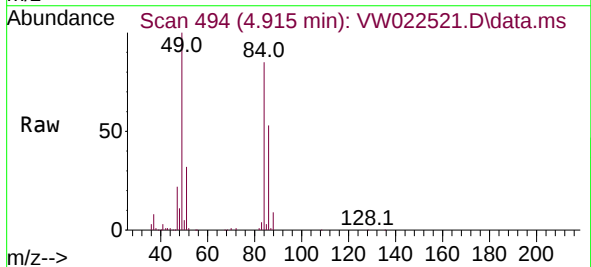
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

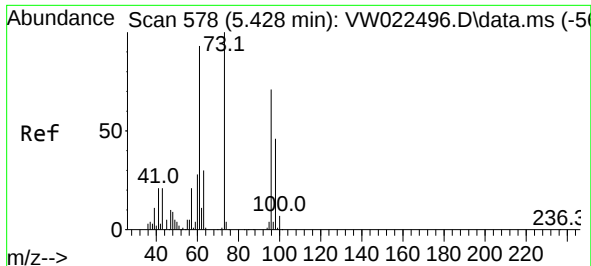
Tgt Ion: 43 Resp: 55697
Ion Ratio Lower Upper
43 100
74 25.0 18.5 27.7



#16
Methylene chloride
Concen: 25.991 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion: 84 Resp: 140990
Ion Ratio Lower Upper
84 100
86 62.4 42.8 79.4
49 118.3 94.2 175.0





#17

trans-1,2-Dichloroethene

Concen: 25.846 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

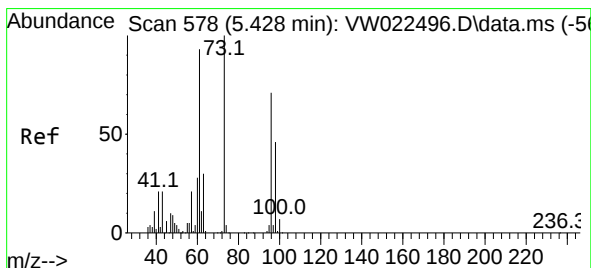
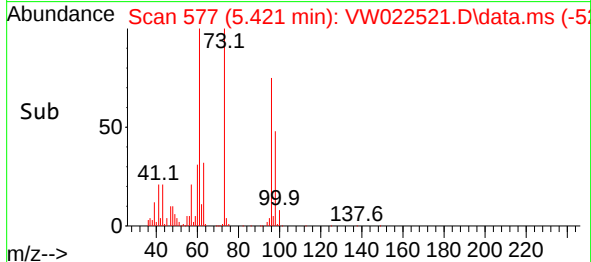
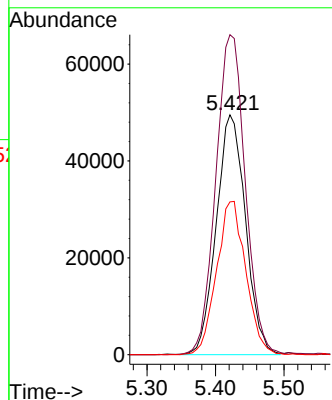
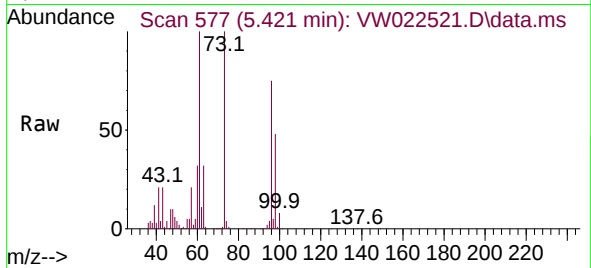
Tgt Ion: 96 Resp: 146963

Ion Ratio Lower Upper

96 100

61 133.4 99.8 185.4

98 63.7 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 24.923 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

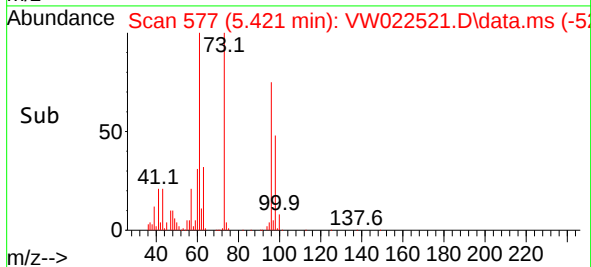
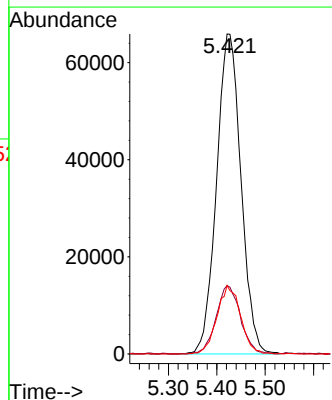
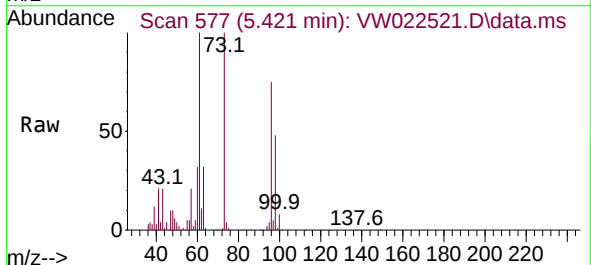
Tgt Ion: 73 Resp: 231443

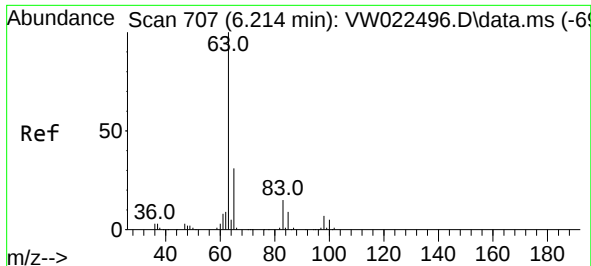
Ion Ratio Lower Upper

73 100

43 21.2 18.8 28.2

57 20.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 25.030 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

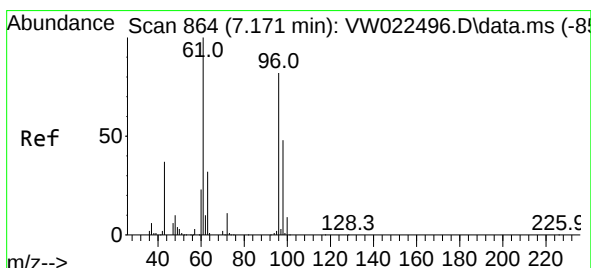
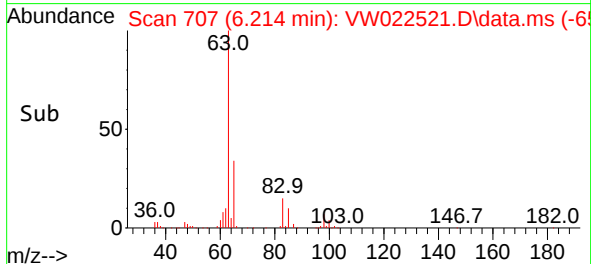
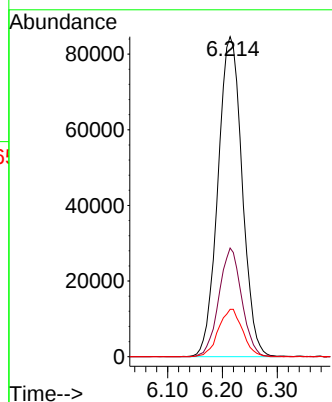
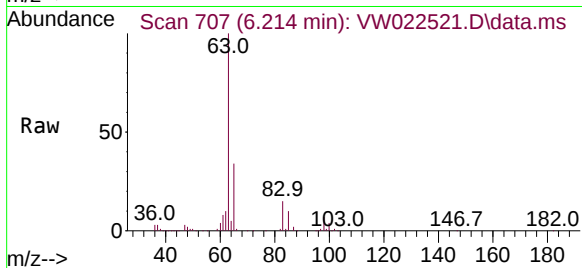
Tgt Ion: 63 Resp: 259693

Ion Ratio Lower Upper

63 100

65 34.0 21.1 39.3

83 14.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 27.213 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

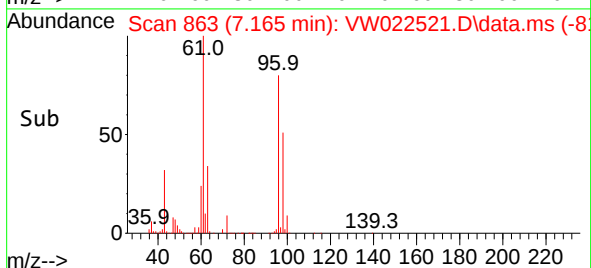
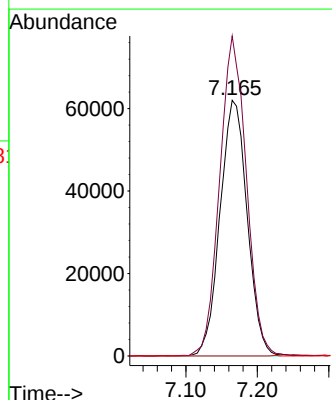
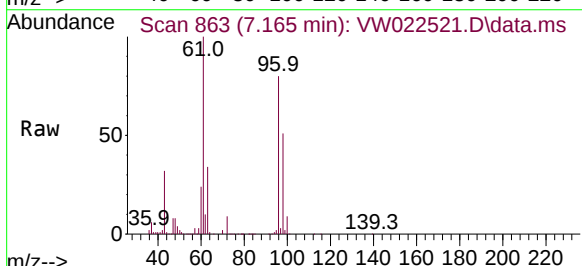
Tgt Ion: 96 Resp: 163429

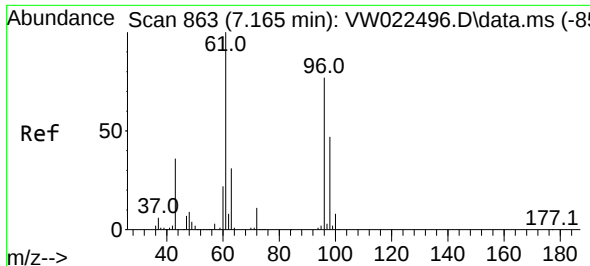
Ion Ratio Lower Upper

96 100

61 125.1 96.4 179.0

68 0.0 0.1 0.3

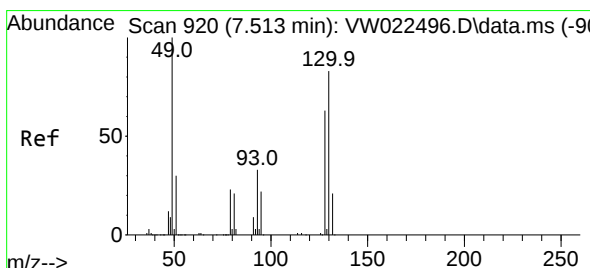
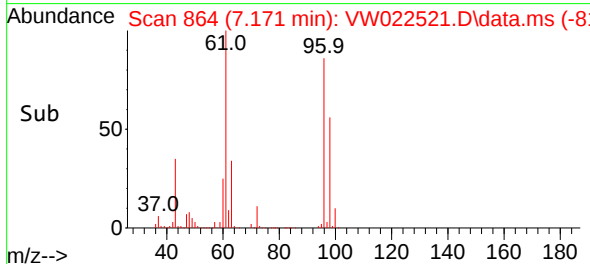
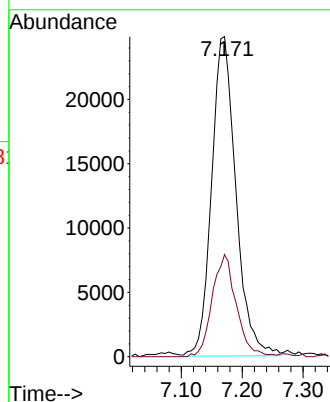
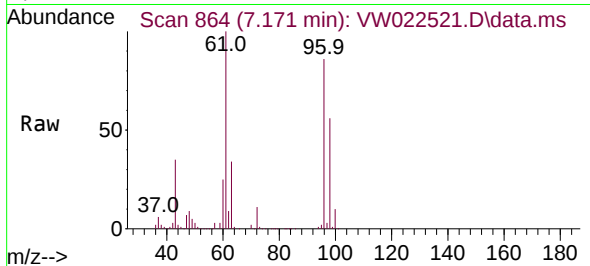




#22
2-Butanone
Concen: 48.194 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

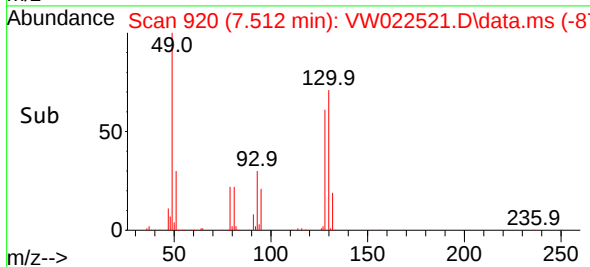
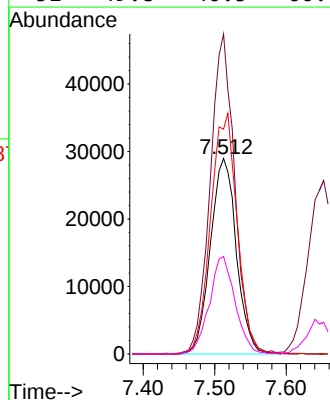
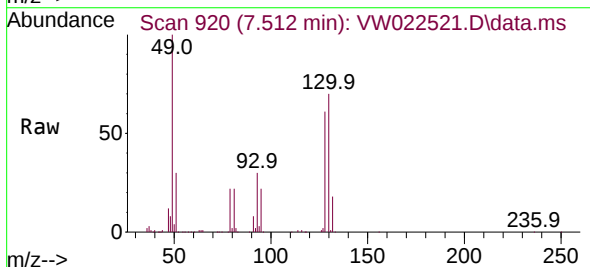
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

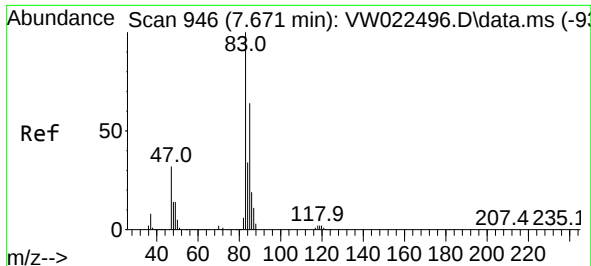
Tgt Ion: 43 Resp: 68955
Ion Ratio Lower Upper
43 100
72 31.4 14.0 42.0



#23
Bromochloromethane
Concen: 28.192 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion: 128 Resp: 72863
Ion Ratio Lower Upper
128 100
49 163.7 120.8 224.3
130 115.0 81.8 151.8
51 49.8 40.5 60.7





#25

Chloroform

Concen: 26.397 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

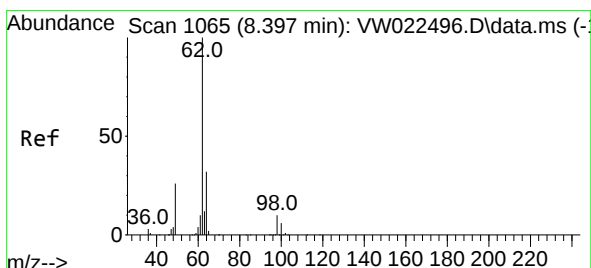
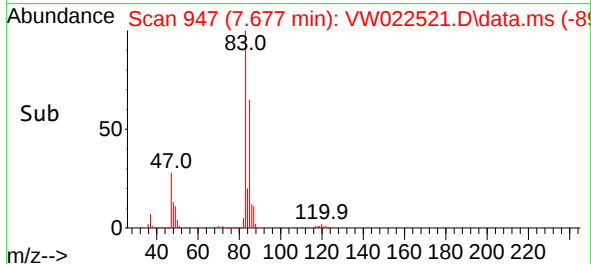
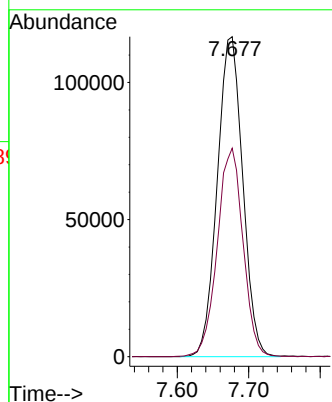
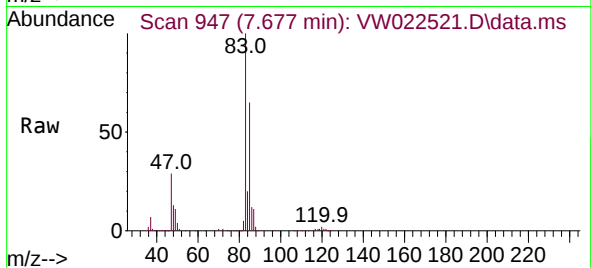
VSTD025484

Tgt Ion: 83 Resp: 288457

Ion Ratio Lower Upper

83 100

85 65.1 45.8 85.0



#27

1,2-Dichloroethane

Concen: 24.672 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW022521.D

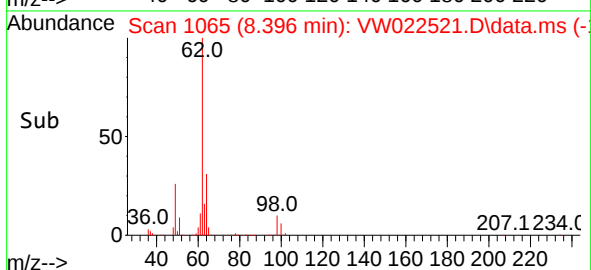
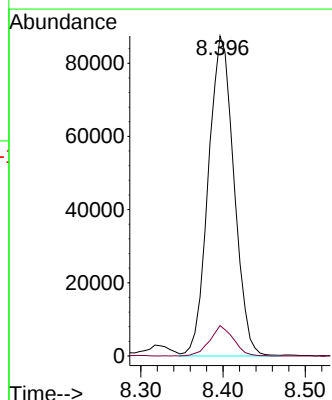
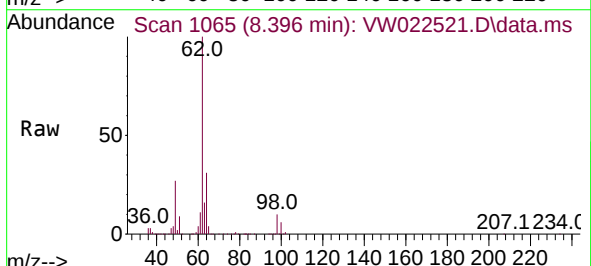
Acq: 13 Apr 2022 10:17

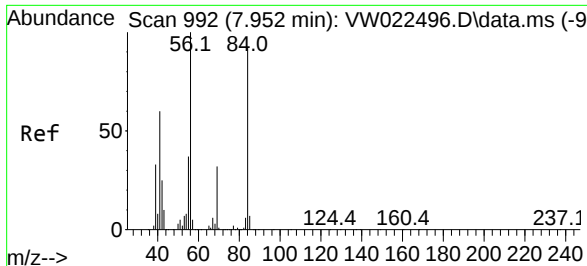
Tgt Ion: 62 Resp: 189489

Ion Ratio Lower Upper

62 100

98 9.5 6.2 9.2#

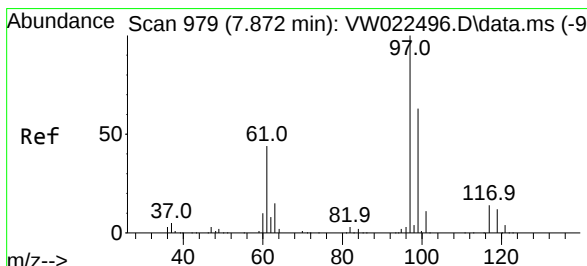
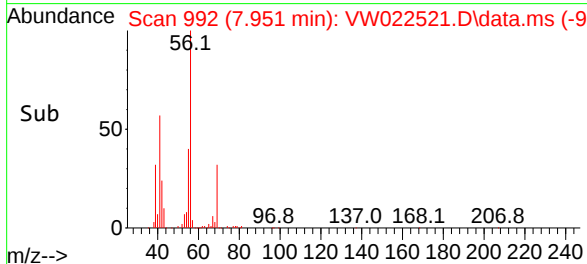
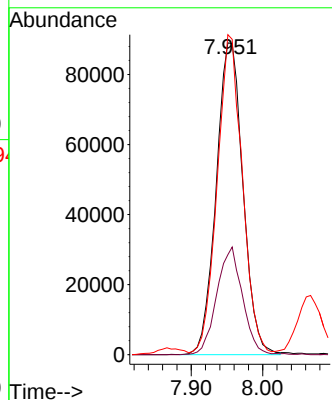
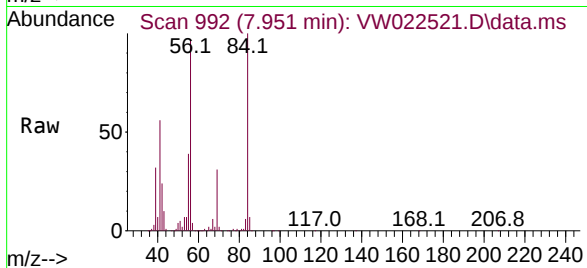




#29
Cyclohexane
Concen: 23.024 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

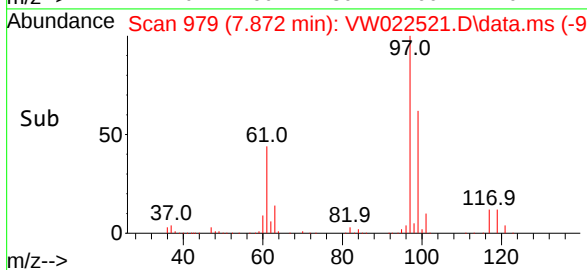
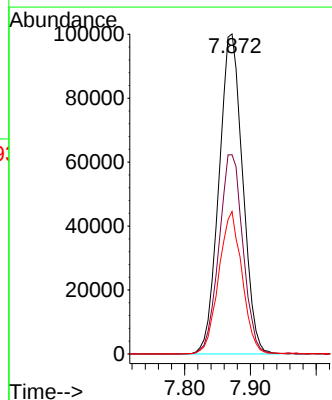
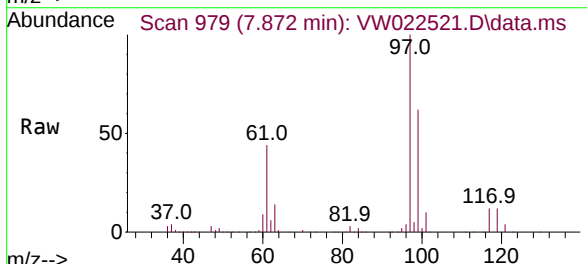
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

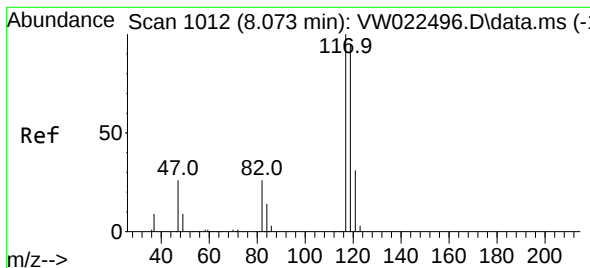
Tgt Ion: 56 Resp: 231144
Ion Ratio Lower Upper
56 100
69 33.1 24.4 36.6
84 96.8 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 25.799 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion: 97 Resp: 251035
Ion Ratio Lower Upper
97 100
99 63.1 51.7 77.5
61 43.8 38.7 58.1





#31

Carbon tetrachloride

Concen: 26.281 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

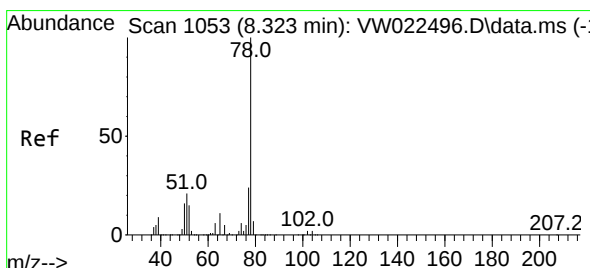
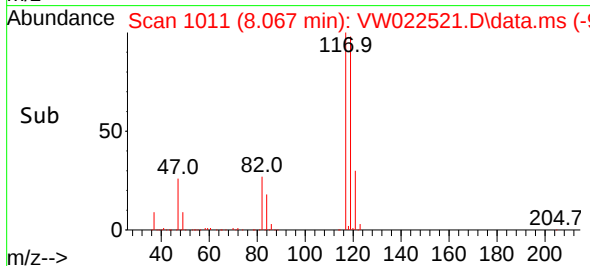
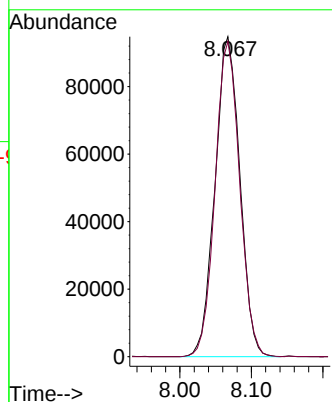
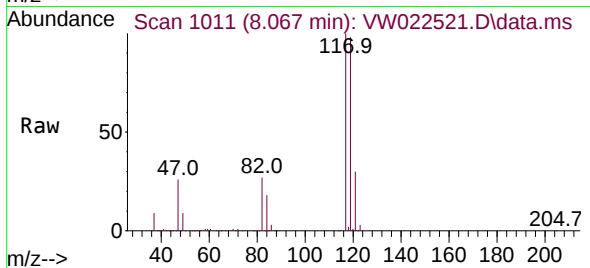
VSTD025484

Tgt Ion:117 Resp: 229518

Ion Ratio Lower Upper

117 100

119 97.1 75.5 113.3



#33

Benzene

Concen: 25.273 ug/L

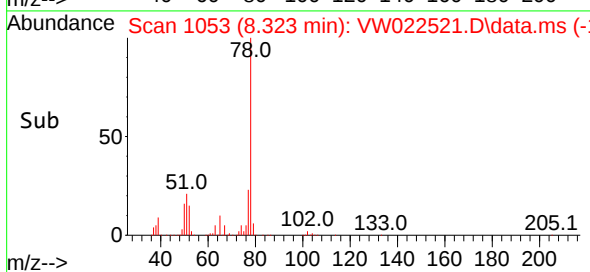
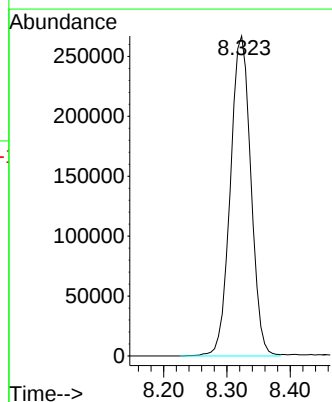
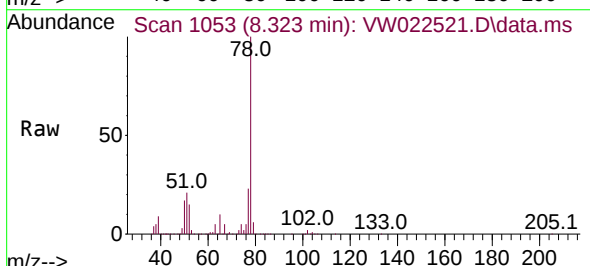
RT: 8.323 min Scan# 1053

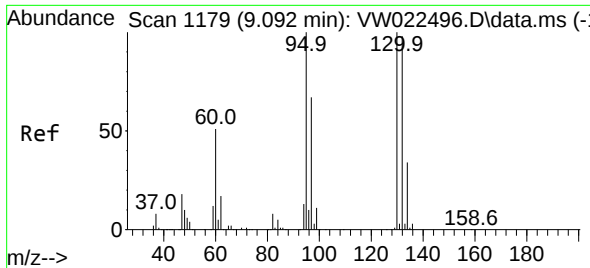
Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Tgt Ion: 78 Resp: 601891





#34

Trichloroethene

Concen: 25.712 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

Tgt Ion: 95 Resp: 163960

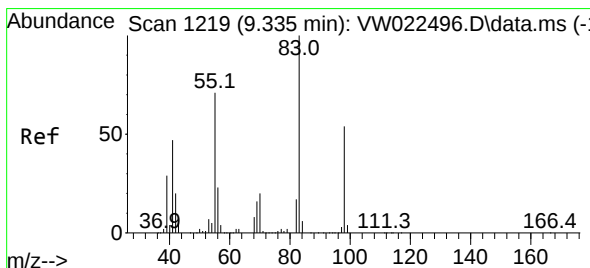
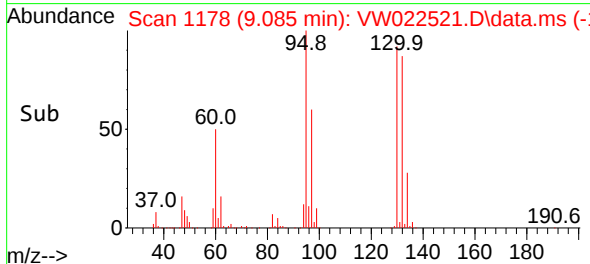
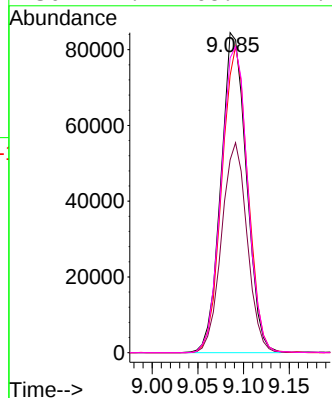
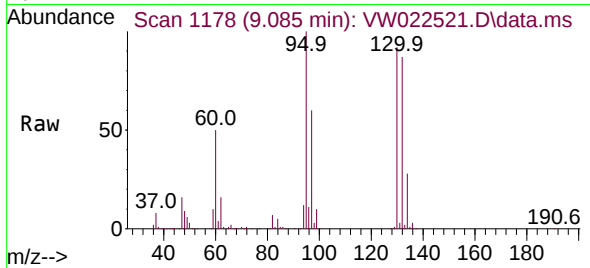
Ion Ratio Lower Upper

95 100

97 60.3 46.4 86.2

132 86.6 67.4 125.2

130 92.1 68.4 127.0



#35

Methylcyclohexane

Concen: 24.276 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

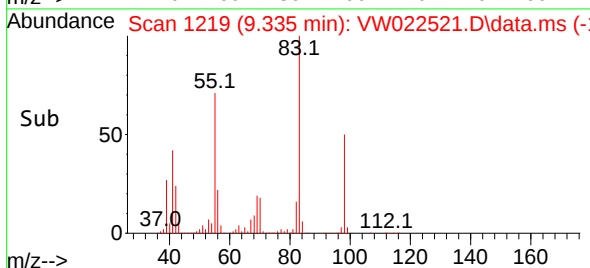
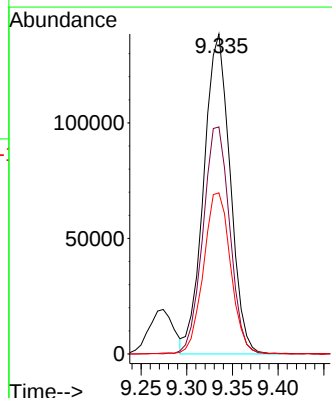
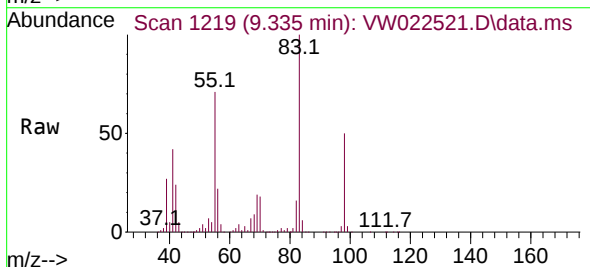
Tgt Ion: 83 Resp: 277731

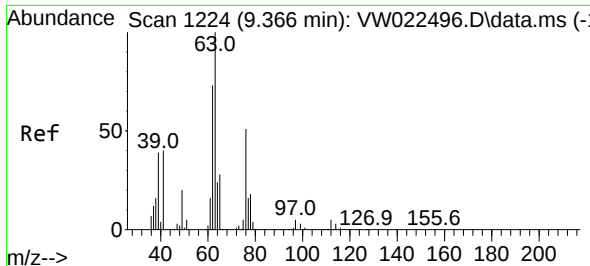
Ion Ratio Lower Upper

83 100

55 72.1 61.0 91.6

98 51.8 39.2 58.8





#37

1,2-Dichloropropane

Concen: 25.229 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

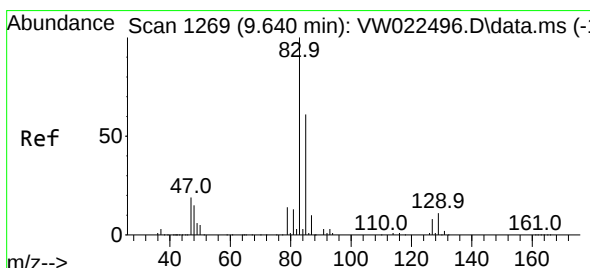
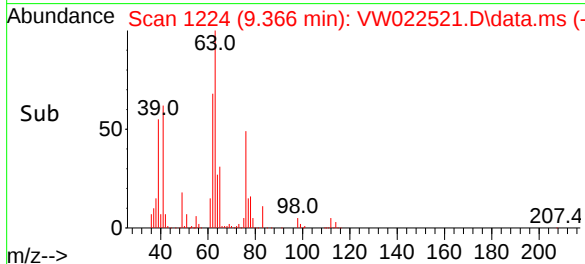
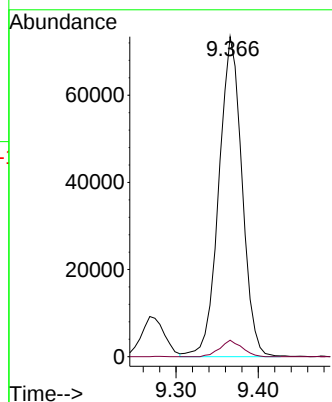
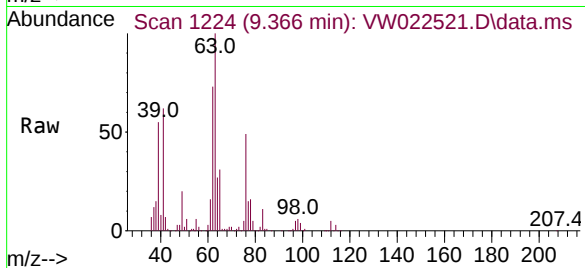
VSTD025484

Tgt Ion: 63 Resp: 143940

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 25.783 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

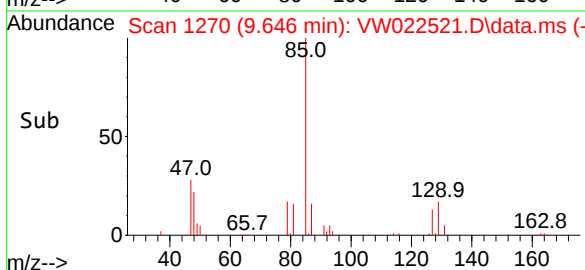
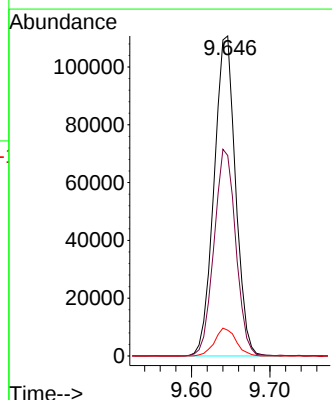
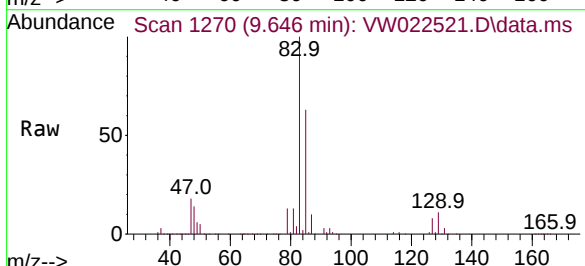
Tgt Ion: 83 Resp: 211536

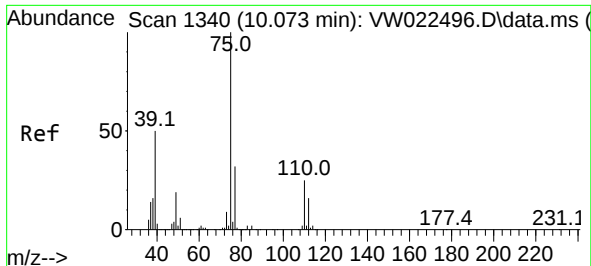
Ion Ratio Lower Upper

83 100

85 62.6 45.2 84.0

127 8.1 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 26.245 ug/L

RT: 10.067 min Scan# 1339

Delta R.T. -0.006 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

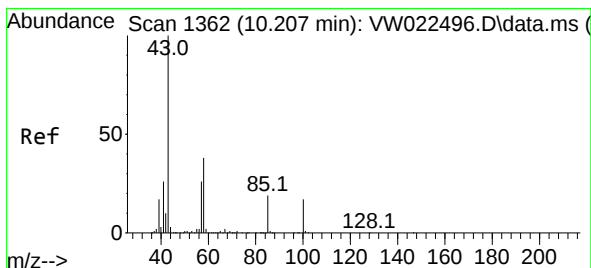
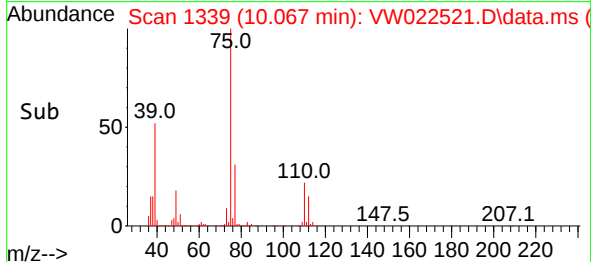
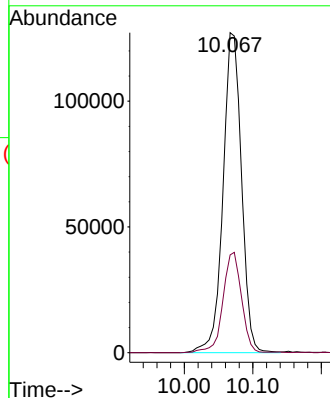
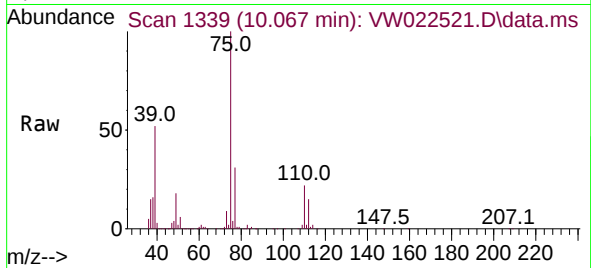
VSTD025484

Tgt Ion: 75 Resp: 237604

Ion Ratio Lower Upper

75 100

77 30.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 48.584 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

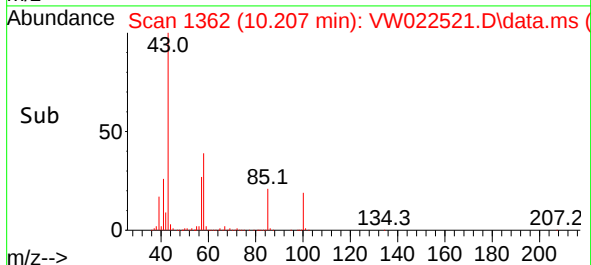
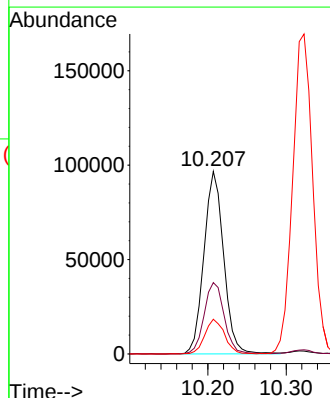
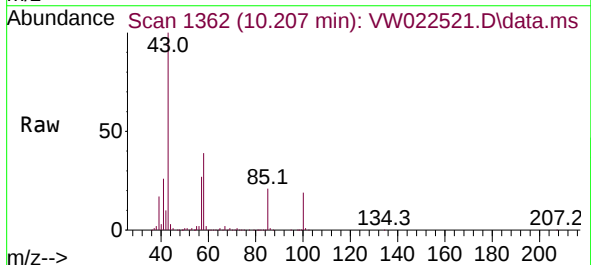
Tgt Ion: 43 Resp: 169162

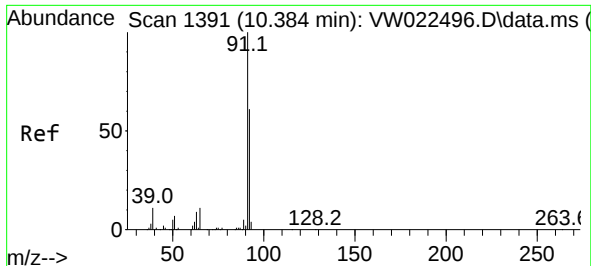
Ion Ratio Lower Upper

43 100

58 39.9 29.3 43.9

100 19.0 12.2 18.4#

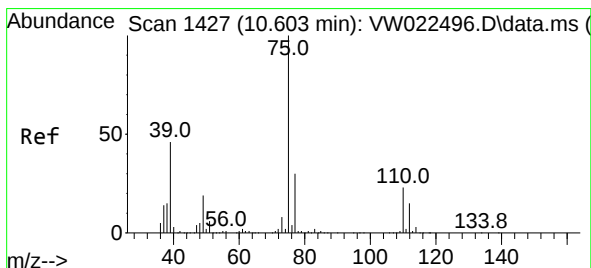
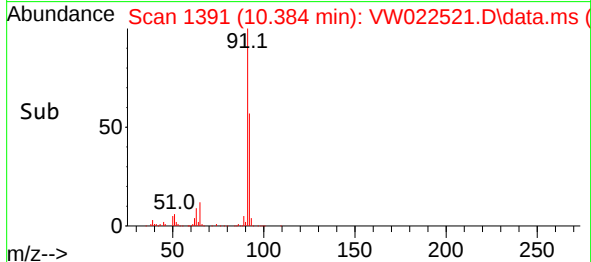
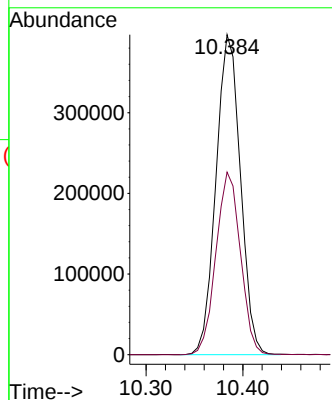
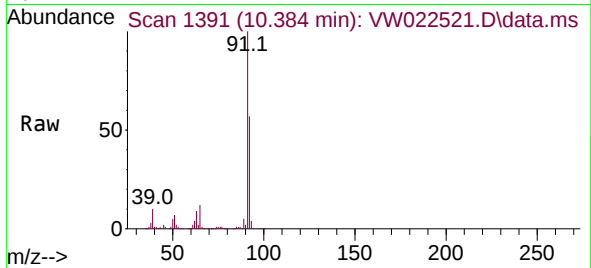




#42
Toluene
Concen: 25.499 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

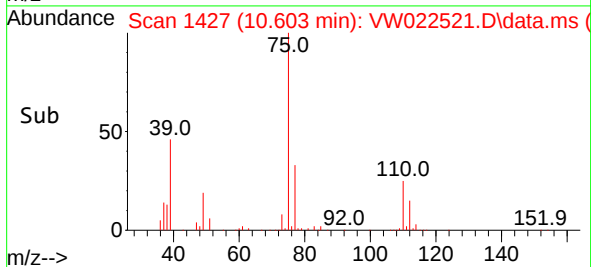
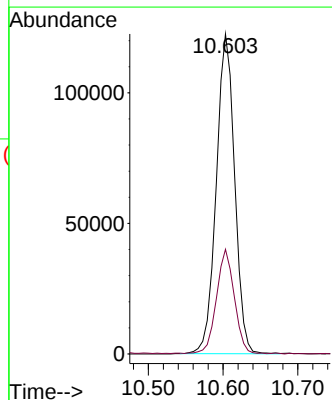
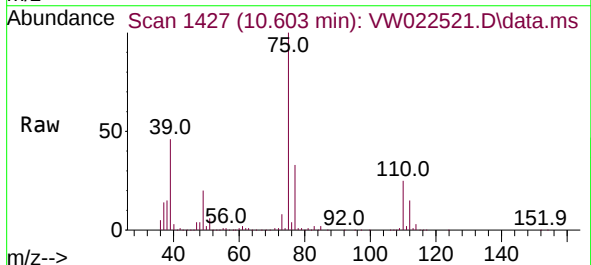
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

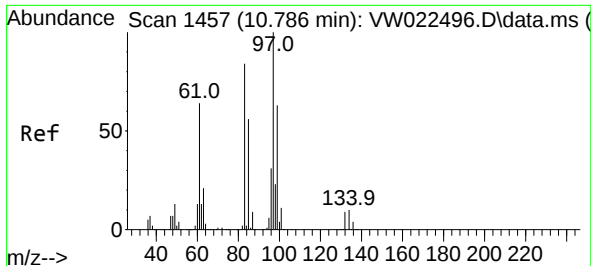
Tgt Ion: 91 Resp: 695855
Ion Ratio Lower Upper
91 100
92 57.1 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 25.782 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion: 75 Resp: 209001
Ion Ratio Lower Upper
75 100
77 32.7 21.3 39.6

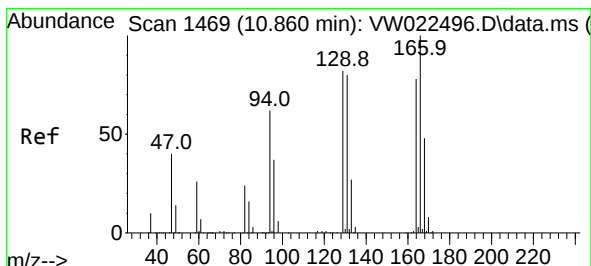
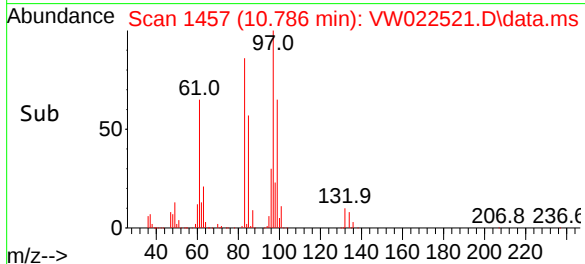
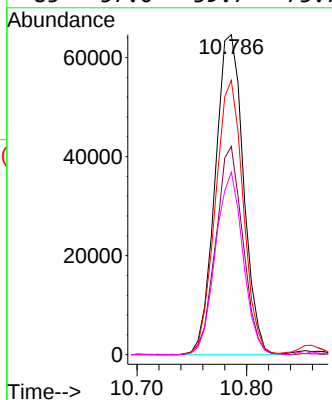
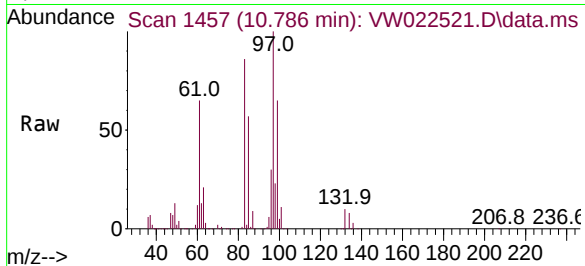




#45
1,1,2-Trichloroethane
Concen: 26.673 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

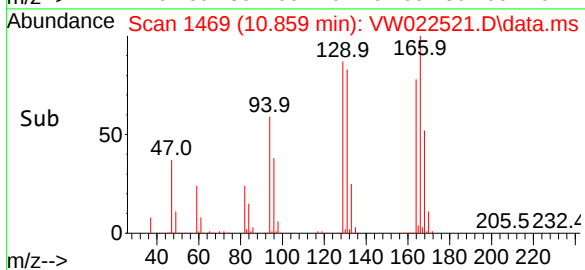
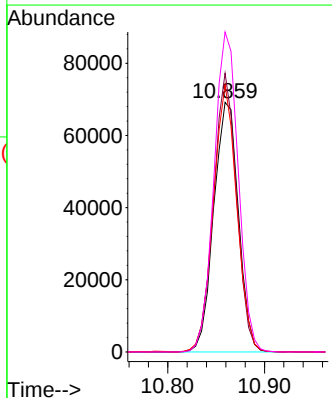
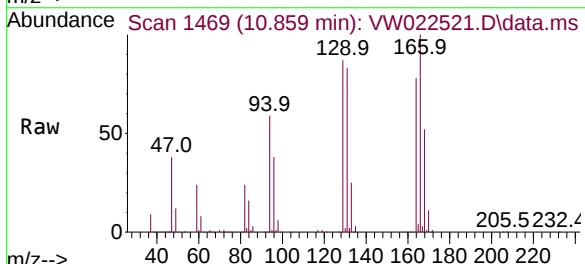
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

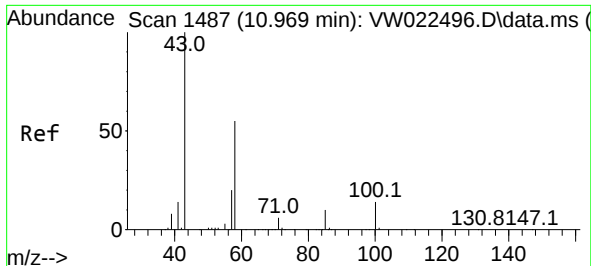
Tgt Ion:	97	Resp:	116143
Ion	Ratio	Lower	Upper
97	100		
99	65.1	46.0	85.4
83	85.7	60.6	112.6
85	57.0	39.7	73.7



#46
Tetrachloroethene
Concen: 26.077 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion:	164	Resp:	122232
Ion	Ratio	Lower	Upper
164	100		
129	111.7	74.1	137.7
131	107.0	71.4	132.6
166	128.2	95.9	178.1





#48

2-Hexanone

Concen: 48.576 ug/L

RT: 10.963 min Scan# 1487

Delta R.T. -0.006 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

Tgt Ion: 43 Resp: 119322

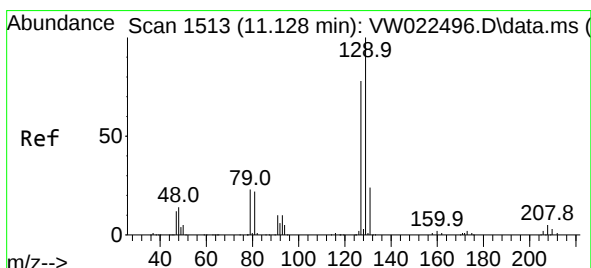
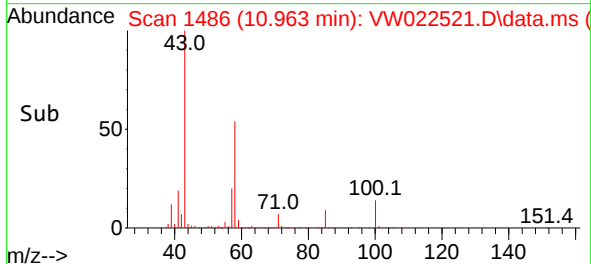
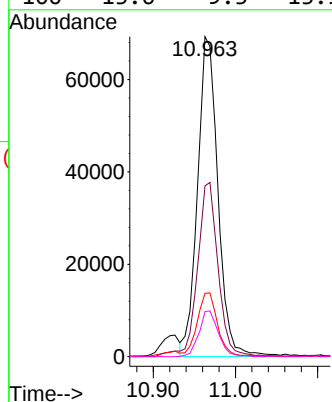
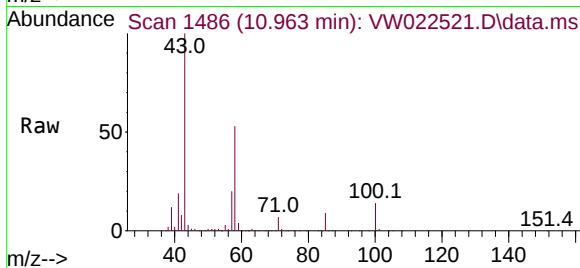
Ion Ratio Lower Upper

43 100

58 53.6 41.6 62.4

57 19.2 14.5 21.7

100 13.6 9.3 13.9



#49

Dibromochloromethane

Concen: 28.609 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022521.D

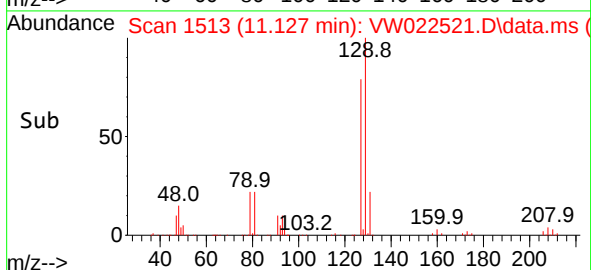
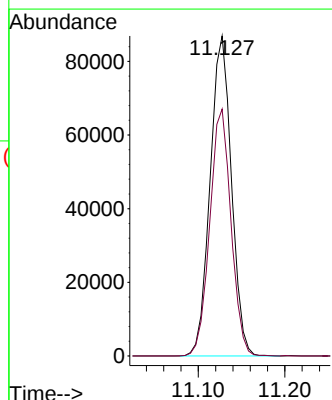
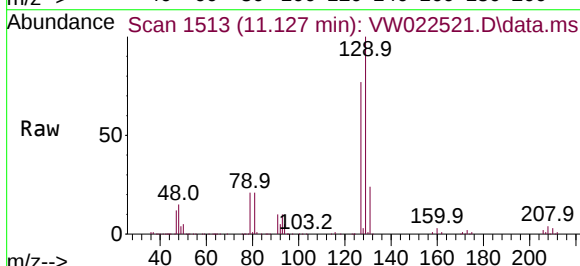
Acq: 13 Apr 2022 10:17

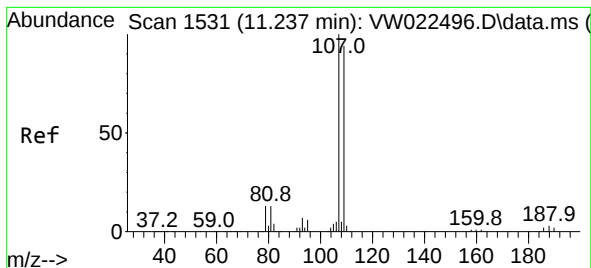
Tgt Ion: 129 Resp: 148566

Ion Ratio Lower Upper

129 100

127 77.1 52.6 97.6

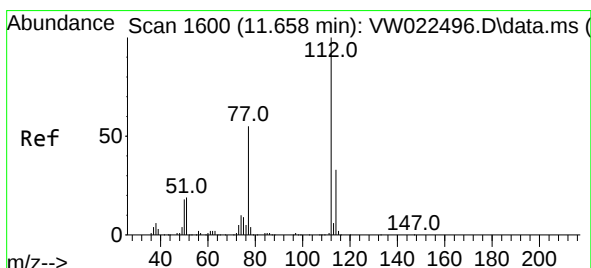
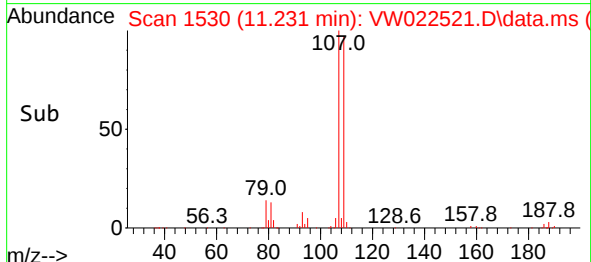
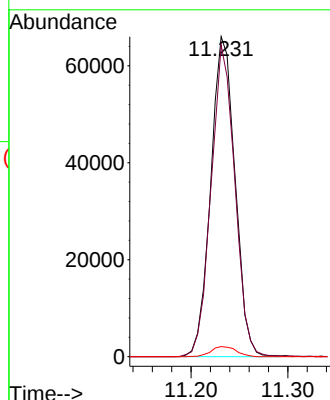
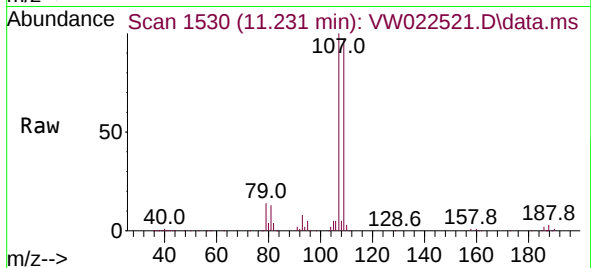




#50
1,2-Dibromoethane
Concen: 26.826 ug/L
RT: 11.231 min Scan# 115340
Delta R.T. -0.006 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

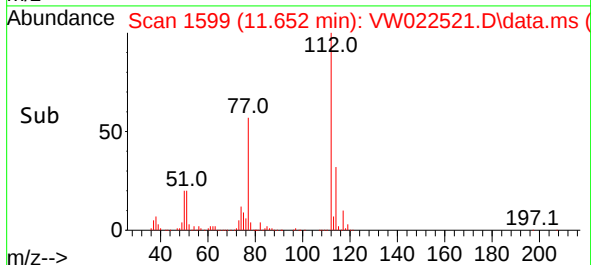
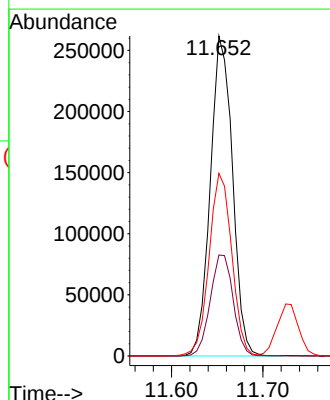
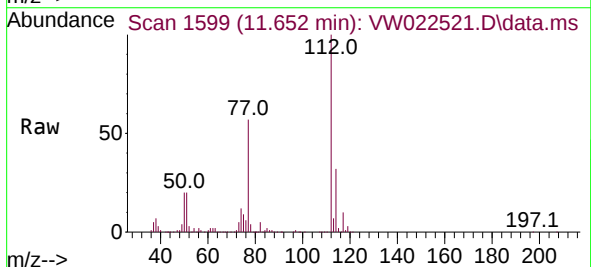
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

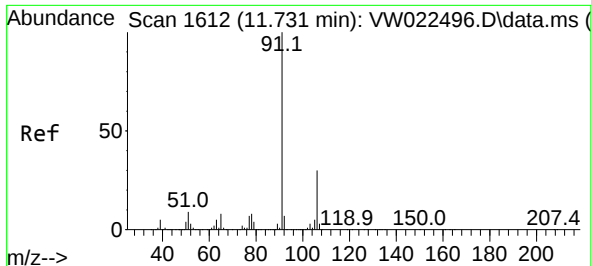
Tgt Ion:107 Resp: 115340
Ion Ratio Lower Upper
107 100
109 97.3 68.2 126.6
188 3.1 2.8 4.2



#51
Chlorobenzene
Concen: 26.464 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion:112 Resp: 441320
Ion Ratio Lower Upper
112 100
114 31.6 20.5 38.1
77 57.1 48.1 72.1

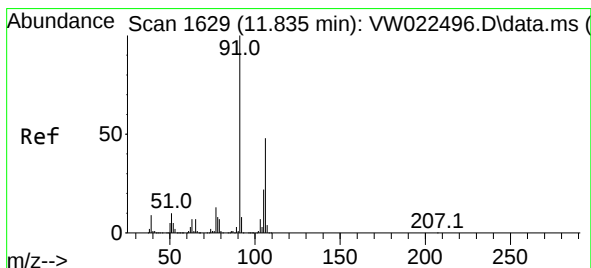
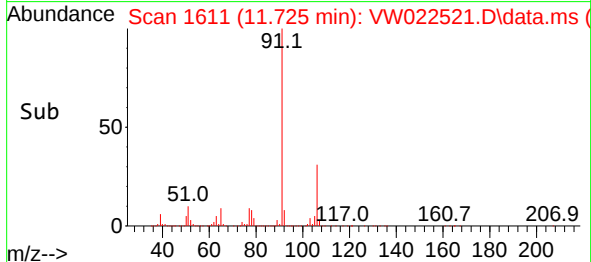
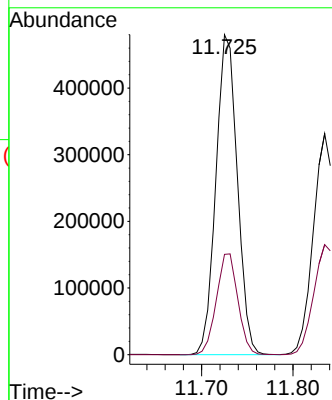
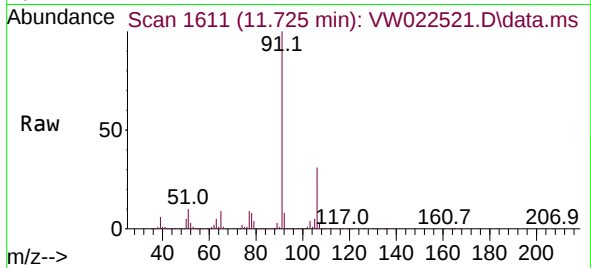




#52
Ethylbenzene
Concen: 25.579 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

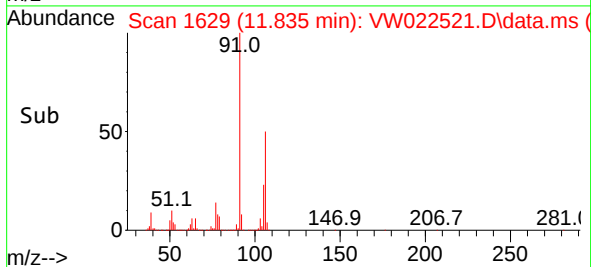
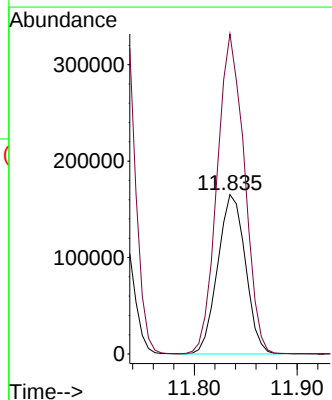
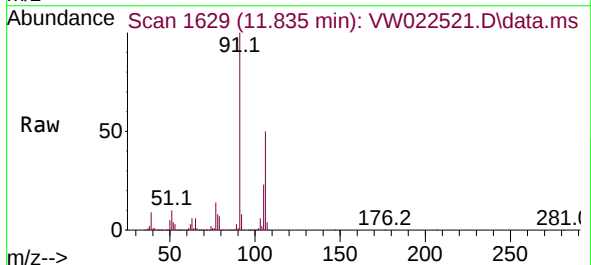
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

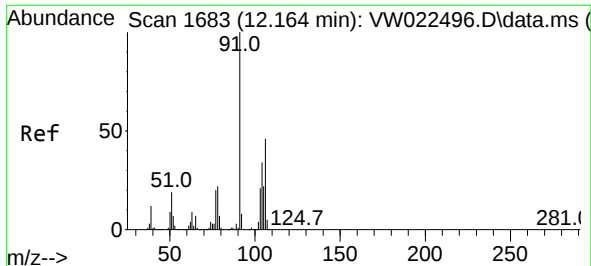
Tgt Ion: 91 Resp: 782432
Ion Ratio Lower Upper
91 100
106 31.3 20.5 38.1



#53
m,p-Xylene
Concen: 26.631 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion:106 Resp: 309740
Ion Ratio Lower Upper
106 100
91 200.9 149.9 278.5

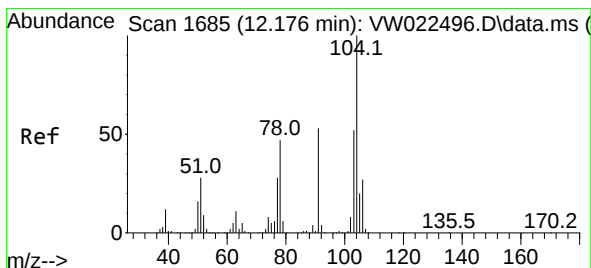
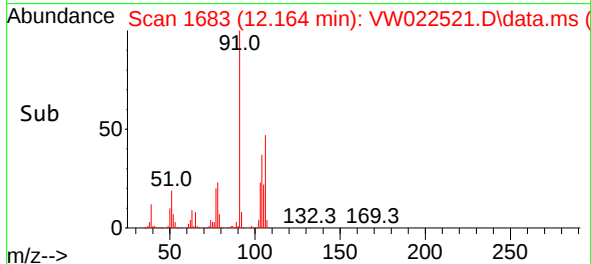
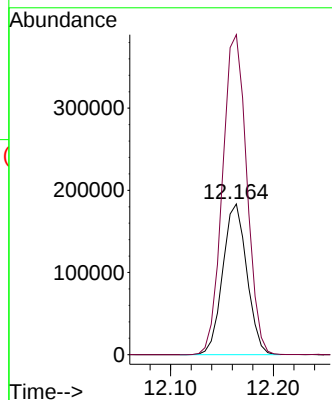
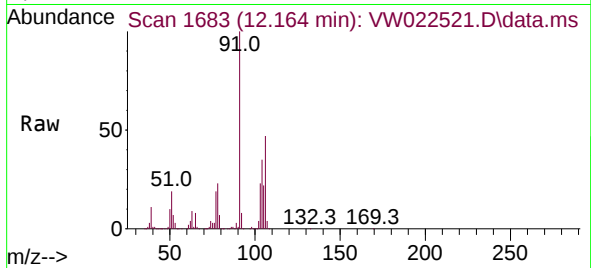




#54
o-Xylene
Concen: 26.869 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

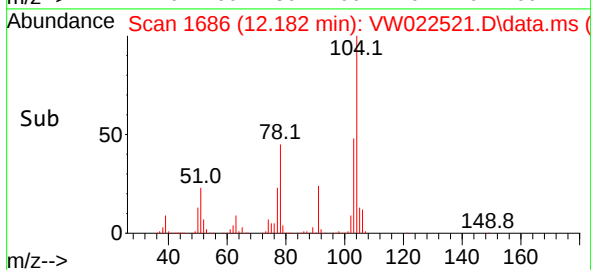
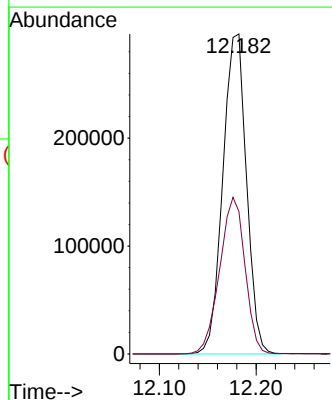
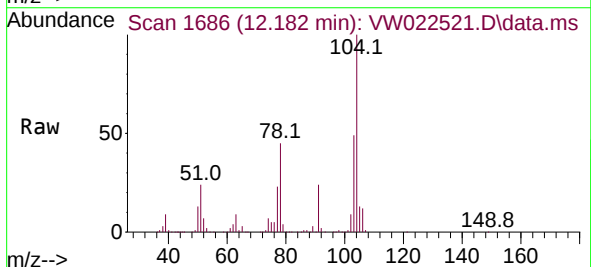
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

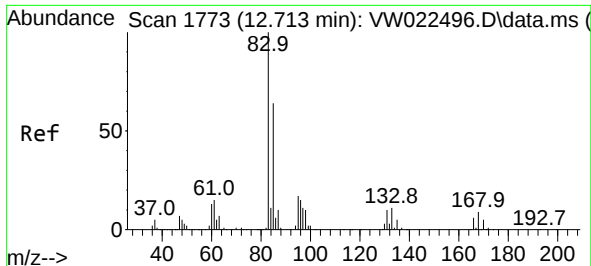
Tgt Ion:106 Resp: 298636
Ion Ratio Lower Upper
106 100
91 212.3 155.3 288.3



#55
Styrene
Concen: 26.474 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion:104 Resp: 502715
Ion Ratio Lower Upper
104 100
78 44.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.442 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

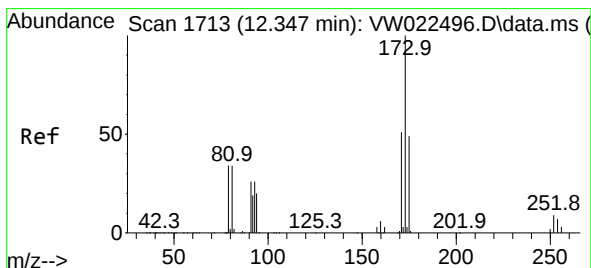
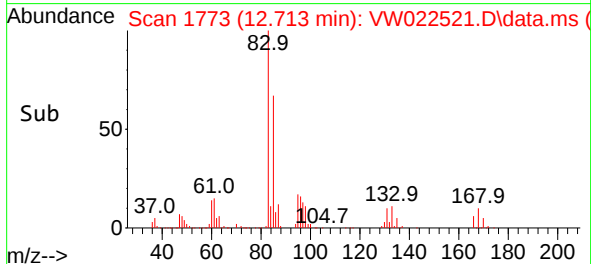
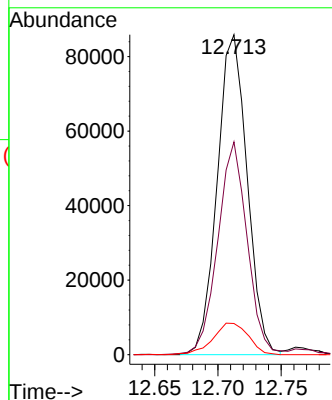
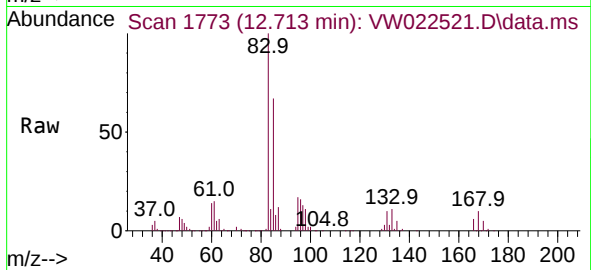
Tgt Ion: 83 Resp: 141318

Ion Ratio Lower Upper

83 100

85 66.5 45.5 84.5

131 9.7 7.8 11.8



#59

Bromoform

Concen: 25.602 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

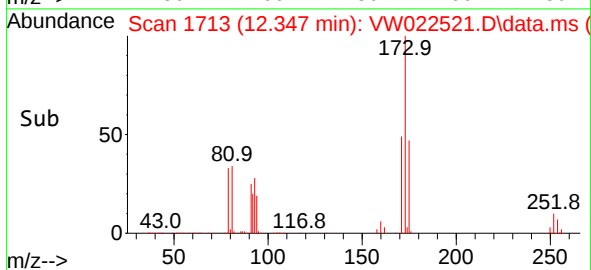
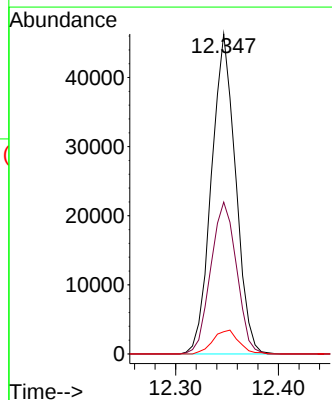
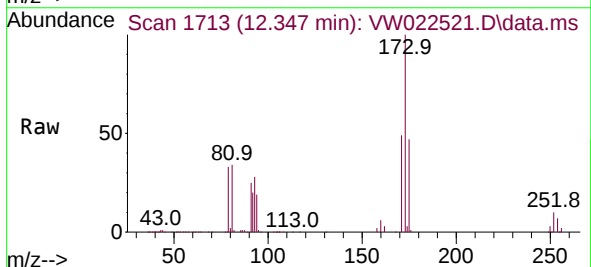
Tgt Ion:173 Resp: 75580

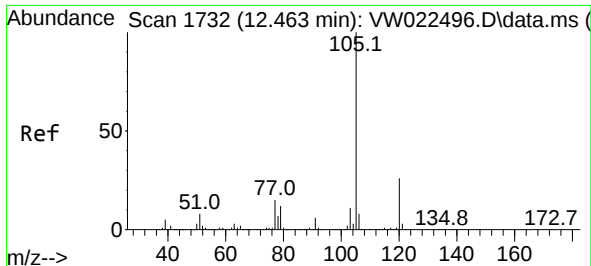
Ion Ratio Lower Upper

173 100

175 50.7 39.2 58.8

254 8.0 6.6 9.8

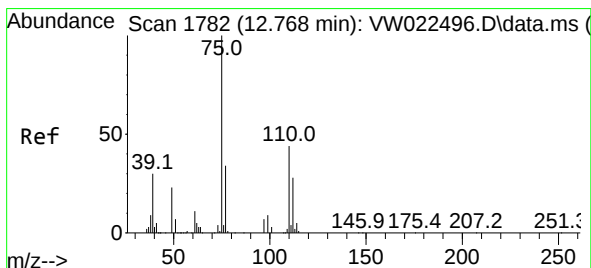
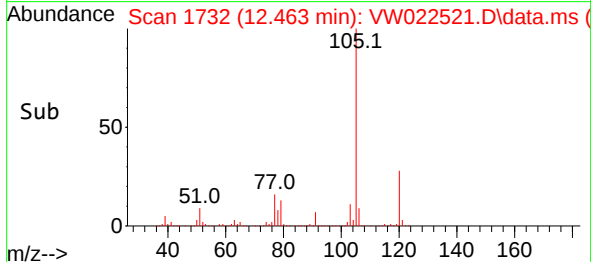
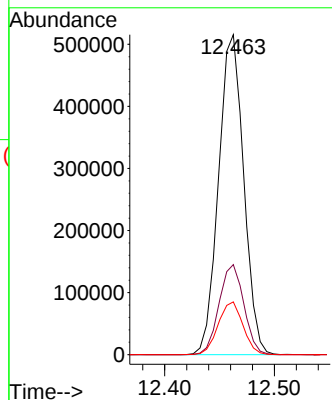
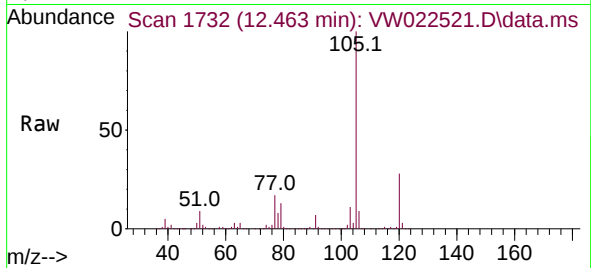




#60
Isopropylbenzene
Concen: 24.896 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

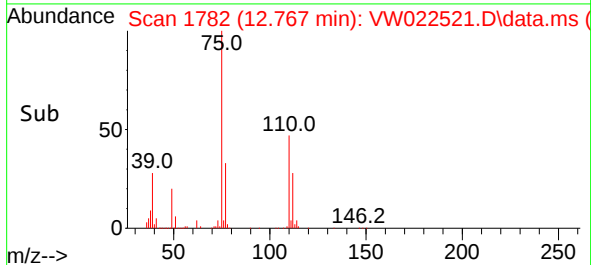
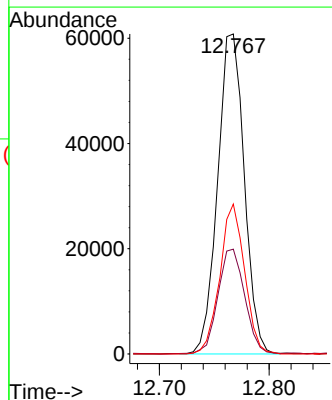
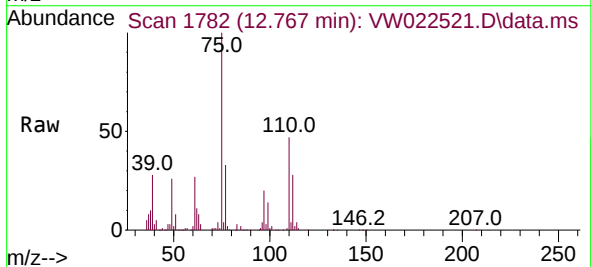
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

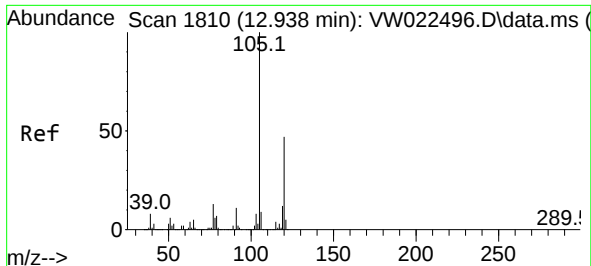
Tgt Ion:105 Resp: 821598
Ion Ratio Lower Upper
105 100
120 27.8 20.9 31.3
77 16.3 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 24.322 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion: 75 Resp: 102788
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
110 43.5 31.8 47.6

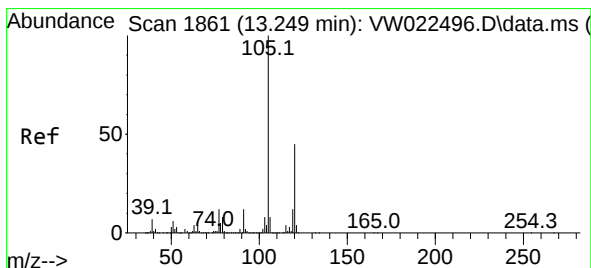
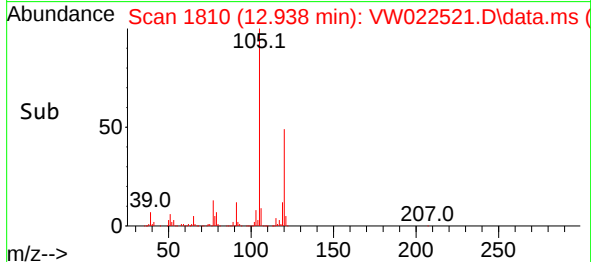
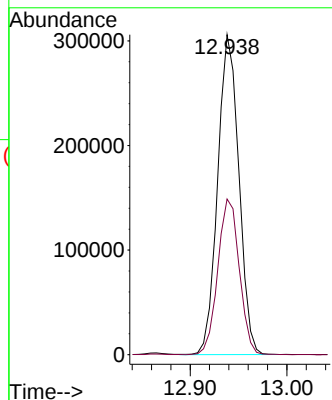
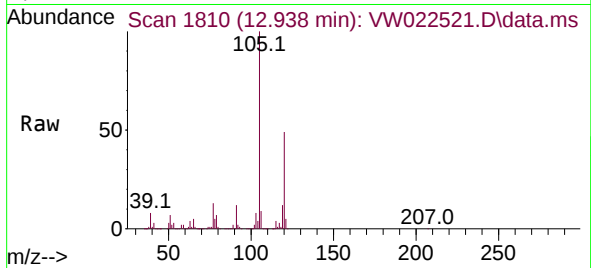




#62
1,3,5-Trimethylbenzene
Concen: 25.584 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

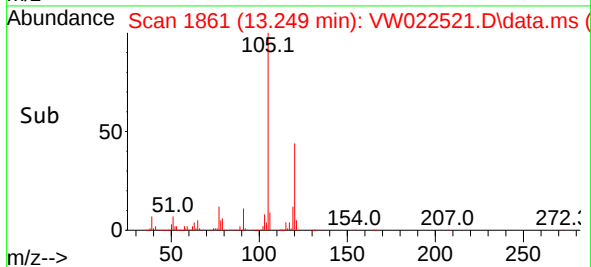
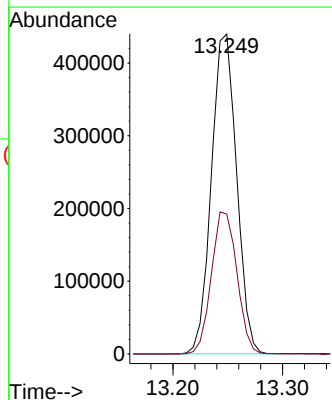
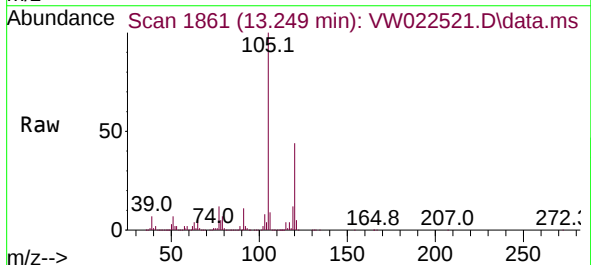
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

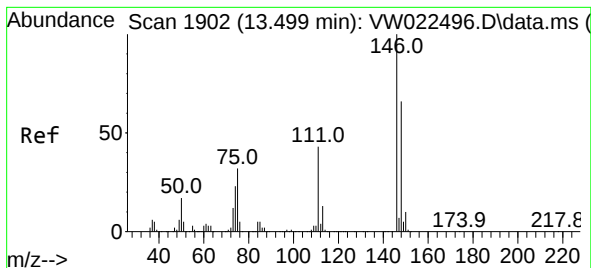
Tgt Ion:105 Resp: 464335
Ion Ratio Lower Upper
105 100
120 49.5 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 25.486 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion:105 Resp: 703400
Ion Ratio Lower Upper
105 100
120 45.0 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 26.240 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

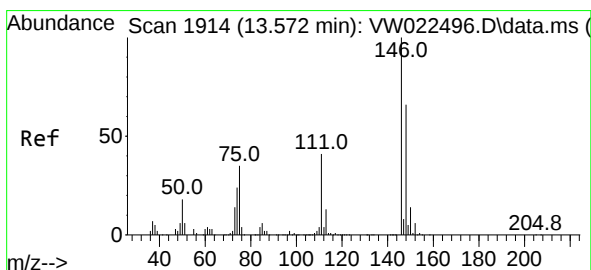
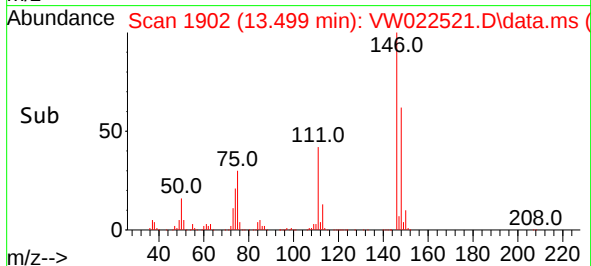
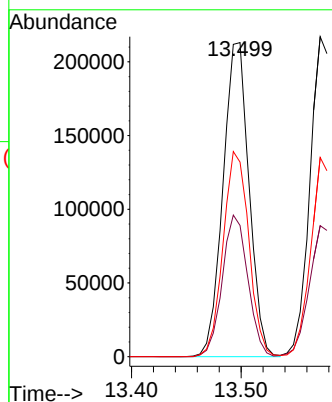
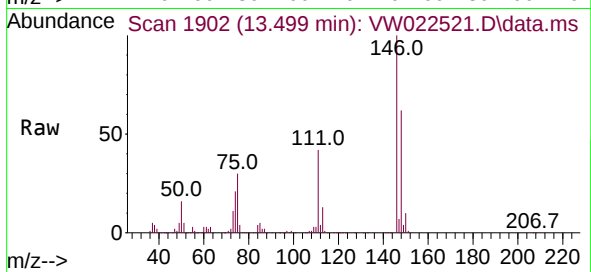
Tgt Ion:146 Resp: 351442

Ion Ratio Lower Upper

146 100

111 41.8 28.2 52.4

148 61.9 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 26.656 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

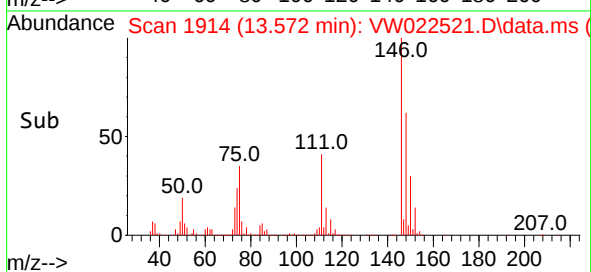
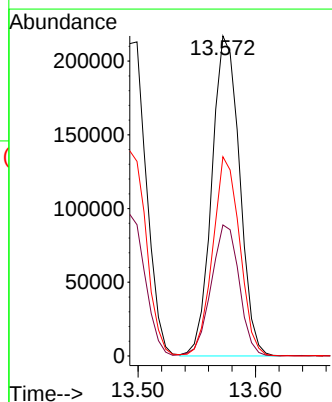
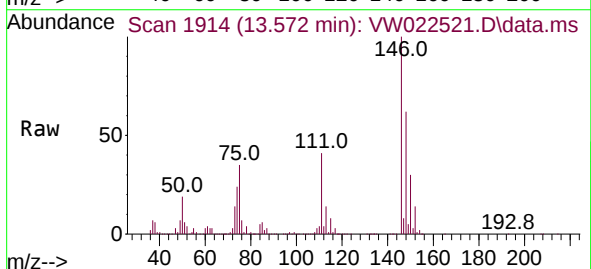
Tgt Ion:146 Resp: 356059

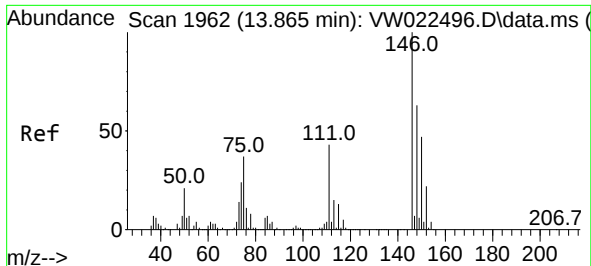
Ion Ratio Lower Upper

146 100

111 40.9 28.5 52.9

148 62.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.765 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

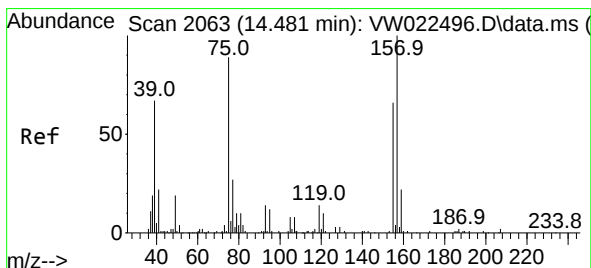
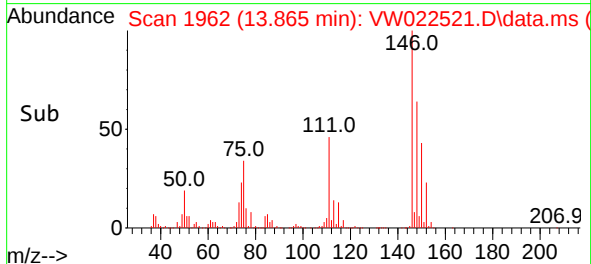
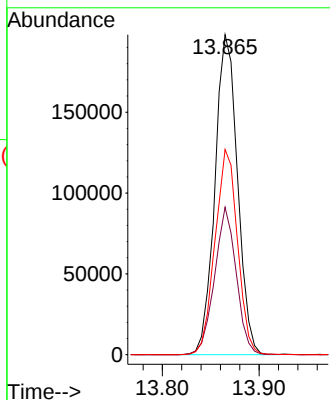
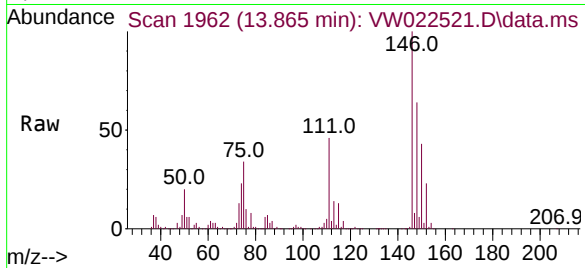
Tgt Ion:146 Resp: 320596

Ion Ratio Lower Upper

146 100

111 46.1 39.0 58.4

148 64.1 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.601 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

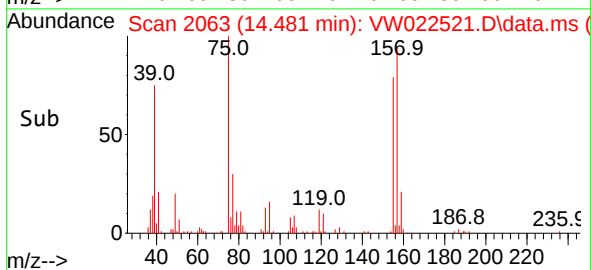
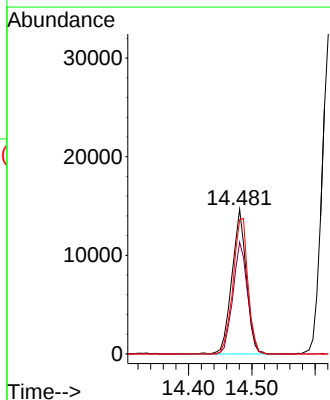
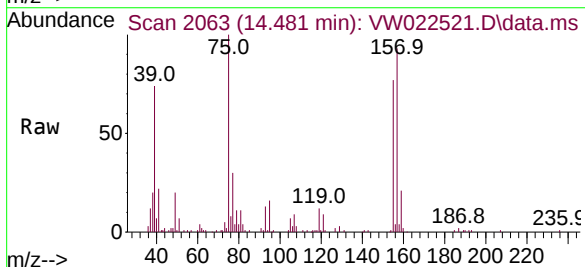
Tgt Ion: 75 Resp: 23132

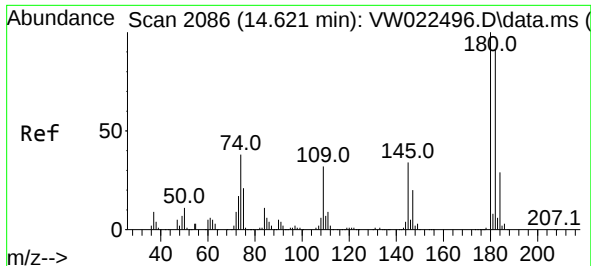
Ion Ratio Lower Upper

75 100

155 77.3 55.6 83.4

157 92.8 69.8 104.6



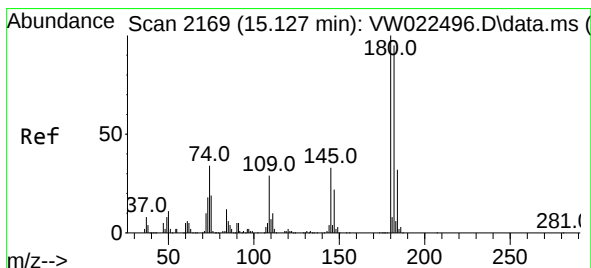
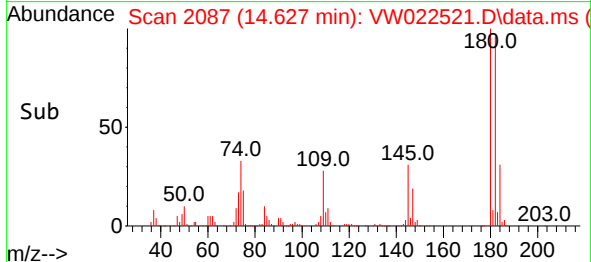
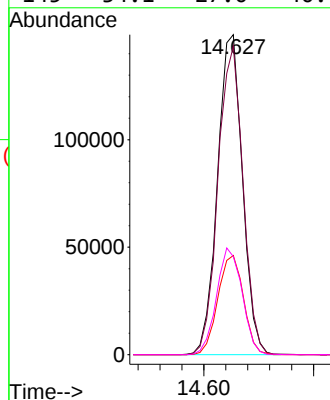
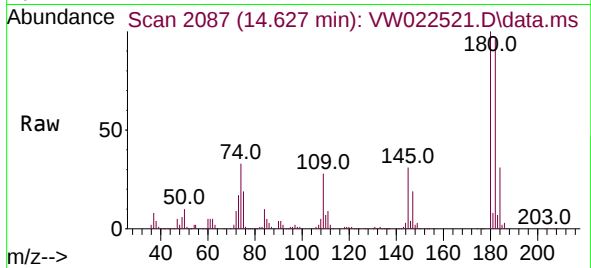


#69
1,3,5-Trichlorobenzene
Concen: 26.989 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

Tgt Ion:180 Resp: 235846

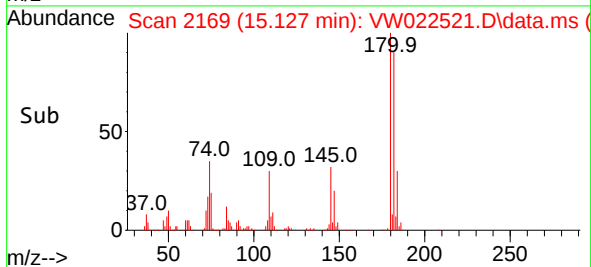
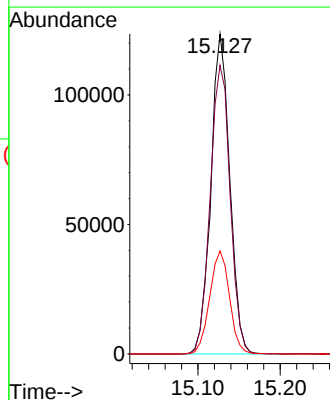
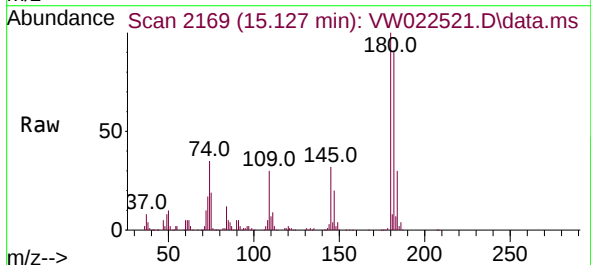
Ion	Ratio	Lower	Upper
180	100		
182	96.4	79.1	118.7
184	31.8	24.5	36.7
145	34.1	27.0	40.4

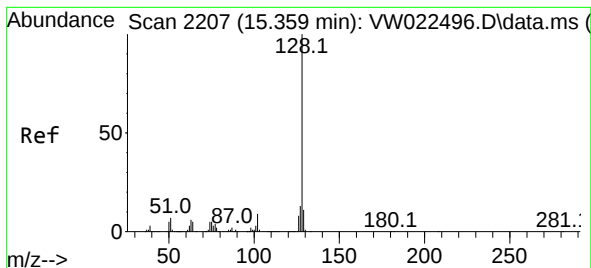


#70
1,2,4-trichlorobenzene
Concen: 27.025 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022521.D
Acq: 13 Apr 2022 10:17

Tgt Ion:180 Resp: 198337

Ion	Ratio	Lower	Upper
180	100		
182	94.8	72.8	109.2
145	33.5	25.5	38.3





#71

Naphthalene

Concen: 27.004 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

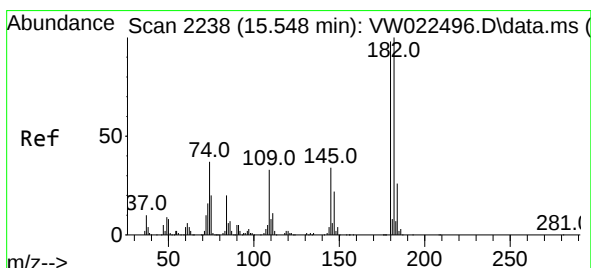
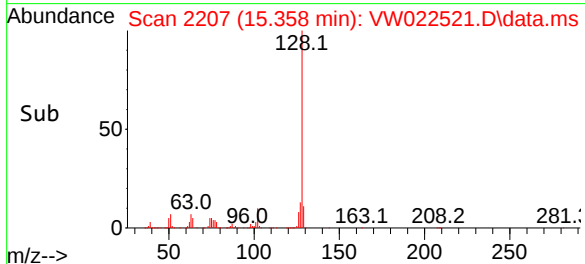
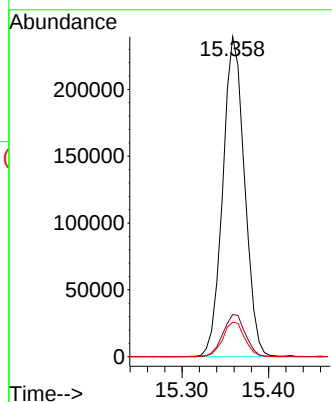
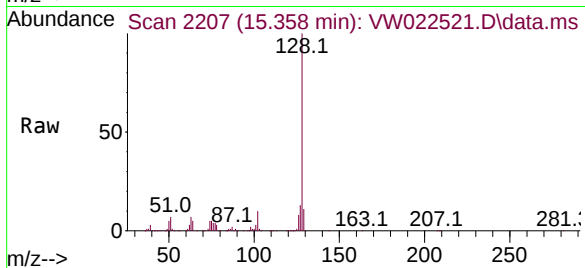
Tgt Ion:128 Resp: 418008

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 27.072 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022521.D

Acq: 13 Apr 2022 10:17

Tgt Ion:180 Resp: 169830

Ion Ratio Lower Upper

180 100

182 93.1 73.4 110.0

145 37.0 27.0 40.6

