

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041422\
 Data File : VW022541.D
 Acq On : 14 Apr 2022 09:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD025486

Quant Time: Apr 15 01:27:09 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	8.842	114	354233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	352715	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203355	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128155	16.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.480%
7) Chloroethane-d5	2.892	69	104102	21.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.840%
11) 1,1-Dichloroethene-d2	4.026	63	208011	20.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.920%
21) 2-Butanone-d5	7.080	46	76760	56.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.280%
24) Chloroform-d	7.647	84	276073	24.934	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	8.305	65	152300	24.074	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.280%
32) Benzene-d6	8.275	84	467467	21.693	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	9.275	67	146768	23.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	10.323	98	449949	21.319	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.280%
43) trans-1,3-Dichloroprop...	10.579	79	66991	22.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.040%
47) 2-Hexanone-d5	10.921	63	66323	57.162	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.320%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	151981	28.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	180821	25.104	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	47792	27.523	ug/L	99
3) Chloromethane	2.221	50	89538	20.681	ug/L	100
5) Vinyl chloride	2.367	62	209613	23.203	ug/L	95
6) Bromomethane	2.782	94	131165	23.885	ug/L	97
8) Chloroethane	2.928	64	102893	26.016	ug/L	99
9) Trichlorofluoromethane	3.263	101	94628	28.373	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	142813	26.891	ug/L	95
12) 1,1-Dichloroethene	4.044	96	129371	27.124	ug/L	86
13) Acetone	4.123	43	47254	50.763	ug/L	91
14) Carbon disulfide	4.391	76	353912	22.556	ug/L	99
15) Methyl Acetate	4.678	43	55987	23.967	ug/L	93
16) Methylene chloride	4.916	84	140222	26.307	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	143991	25.771	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	229718	25.174	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	256290	25.139	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	159456	27.022	ug/L #	91
22) 2-Butanone	7.171	43	77713	55.276	ug/L	95
23) Bromochloromethane	7.519	128	71520	28.162	ug/L	91
25) Chloroform	7.677	83	286791	26.709	ug/L	98

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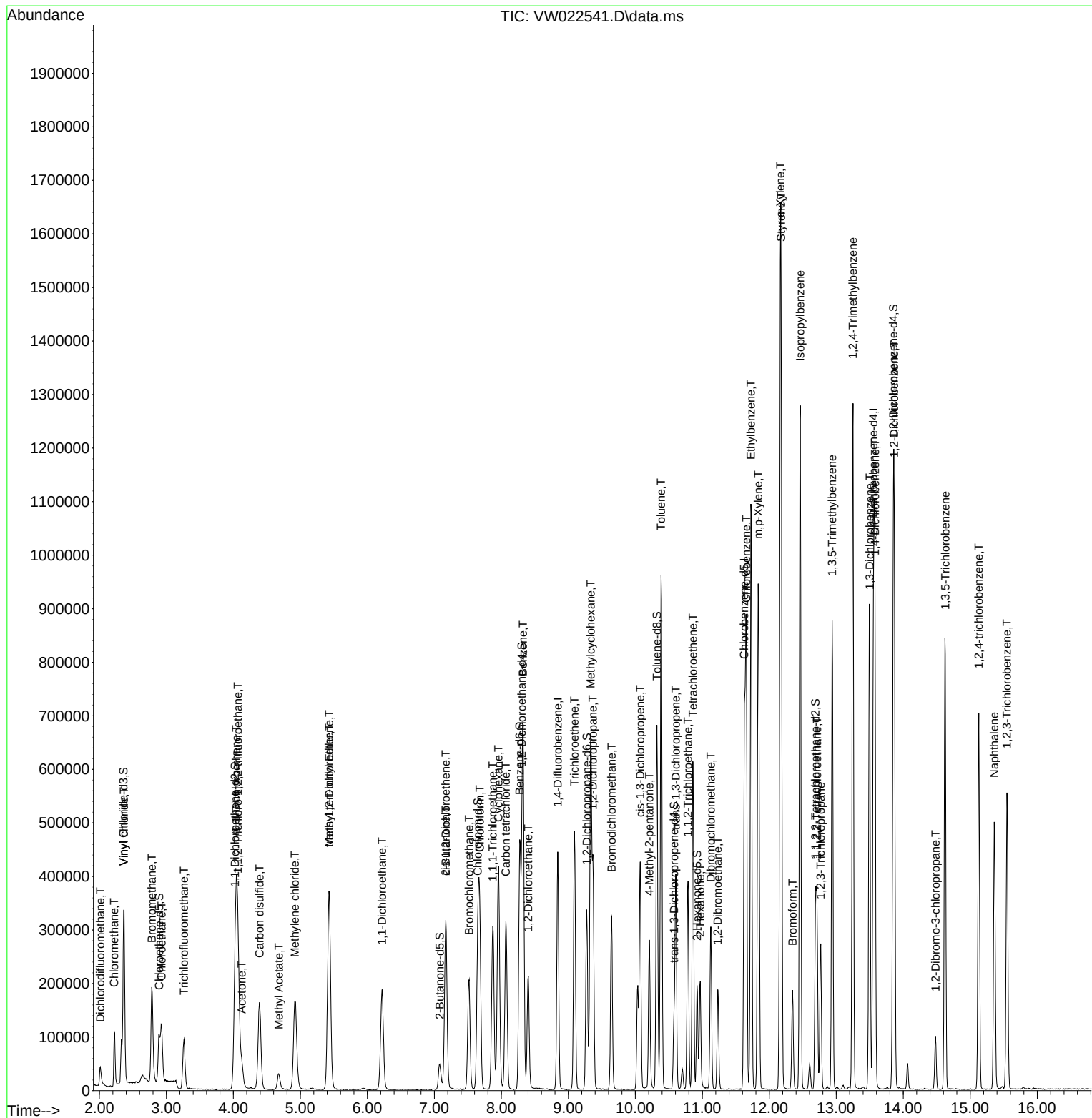
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	190248	25.209	ug/L #	95
29) Cyclohexane	7.958	56	231543	22.936	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	243020	24.838	ug/L	98
31) Carbon tetrachloride	8.067	117	224643	25.581	ug/L	97
33) Benzene	8.324	78	592972	24.762	ug/L	100
34) Trichloroethene	9.092	95	166366	25.946	ug/L	94
35) Methylcyclohexane	9.336	83	273728	23.794	ug/L	97
37) 1,2-Dichloropropane	9.366	63	142621	24.860	ug/L	99
38) Bromodichloromethane	9.646	83	209234	25.362	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	233084	25.604	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	176632	50.450	ug/L	96
42) Toluene	10.384	91	689047	25.110	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	206681	25.356	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	116945	26.710	ug/L	99
46) Tetrachloroethene	10.860	164	123498	26.202	ug/L	87
48) 2-Hexanone	10.969	43	127715	51.707	ug/L	98
49) Dibromochloromethane	11.128	129	147944	28.332	ug/L	100
50) 1,2-Dibromoethane	11.232	107	115836	26.793	ug/L	96
51) Chlorobenzene	11.658	112	437349	26.081	ug/L	94
52) Ethylbenzene	11.725	91	783576	25.476	ug/L	96
53) m,p-Xylene	11.835	106	310266	26.530	ug/L	91
54) o-Xylene	12.164	106	298409	26.701	ug/L	93
55) Styrene	12.177	104	514087	26.924	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	145012	26.984	ug/L	98
59) Bromoform	12.347	173	77011	25.486	ug/L	99
60) Isopropylbenzene	12.463	105	827567	24.498	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	106518	24.624	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	459344	24.726	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	700770	24.806	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	347544	25.350	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	352936	25.813	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	318334	25.963	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	23568	23.491	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	233738	26.131	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	200821	26.732	ug/L	99
71) Naphthalene	15.359	128	416435	26.282	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	167433	26.075	ug/L	96

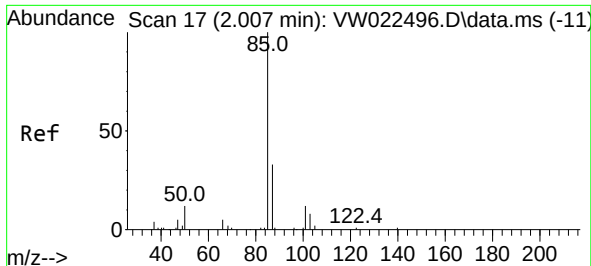
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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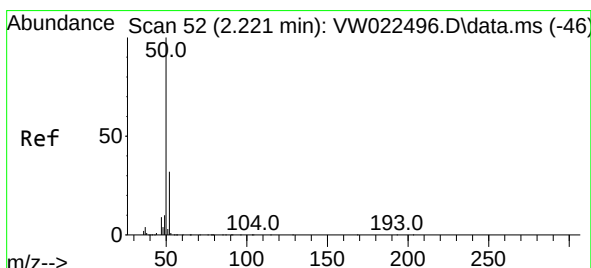
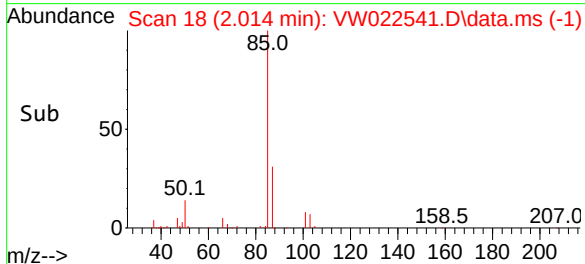
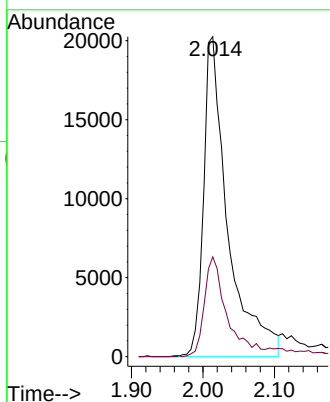
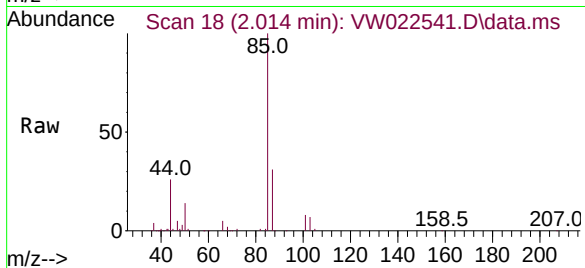




#2
Dichlorodifluoromethane
Concen: 27.523 ug/L
RT: 2.014 min Scan# 11
Delta R.T. 0.007 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

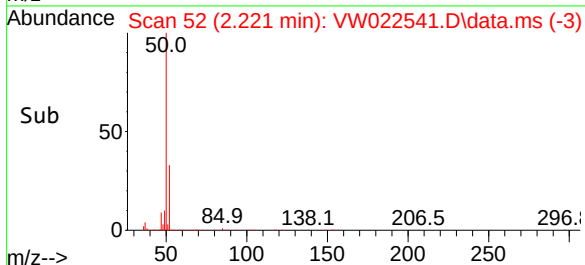
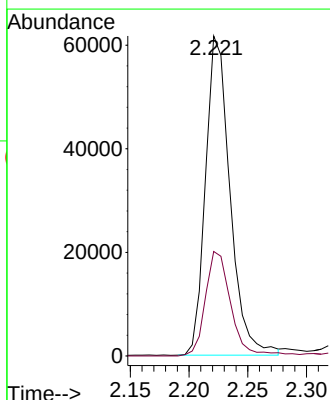
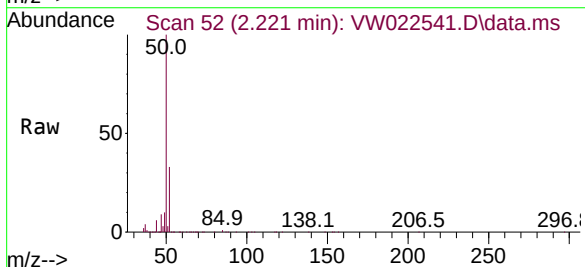
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

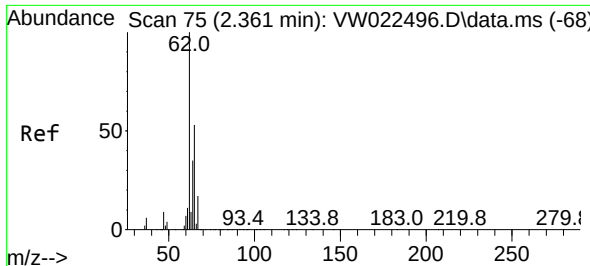
Tgt Ion: 85 Resp: 47792
Ion Ratio Lower Upper
85 100
87 29.2 23.7 35.5



#3
Chloromethane
Concen: 20.681 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion: 50 Resp: 89538
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.6

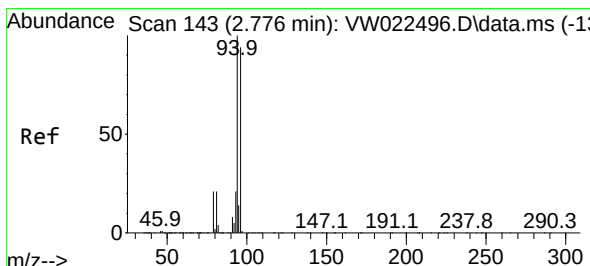
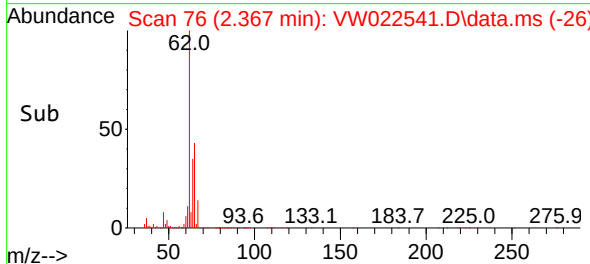
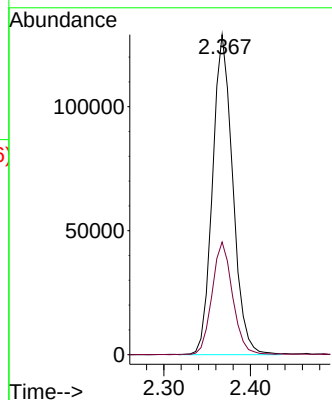
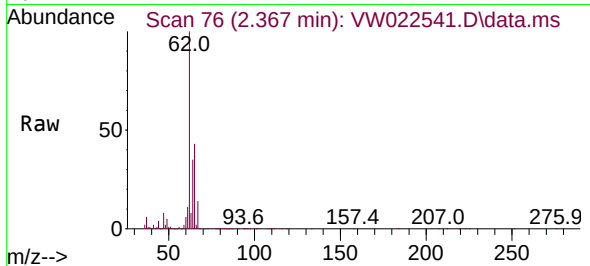




#5
 Vinyl chloride
 Concen: 23.203 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.007 min
 Lab File: VW022541.D
 Acq: 14 Apr 2022 09:33

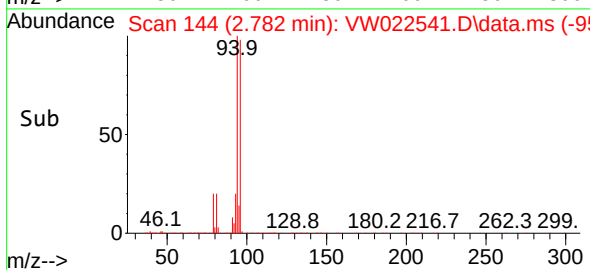
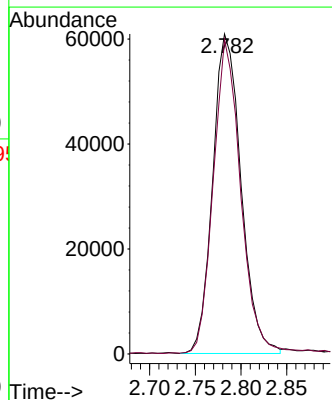
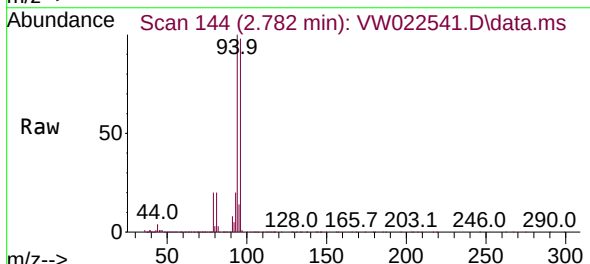
Instrument :
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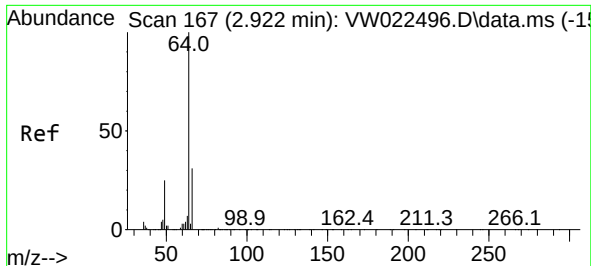
Tgt Ion: 62 Resp: 209613
 Ion Ratio Lower Upper
 62 100
 64 35.2 26.5 49.3



#6
 Bromomethane
 Concen: 23.885 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022541.D
 Acq: 14 Apr 2022 09:33

Tgt Ion: 94 Resp: 131165
 Ion Ratio Lower Upper
 94 100
 96 98.3 66.6 123.6

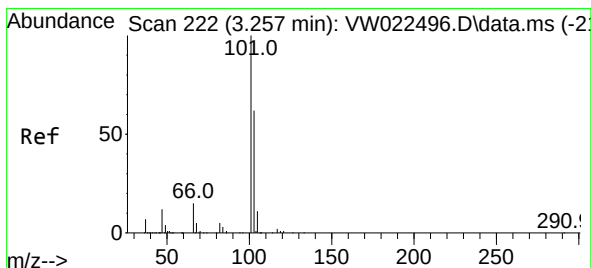
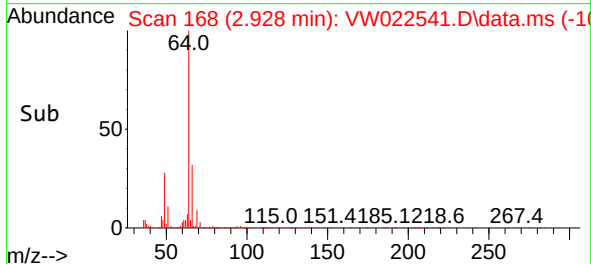
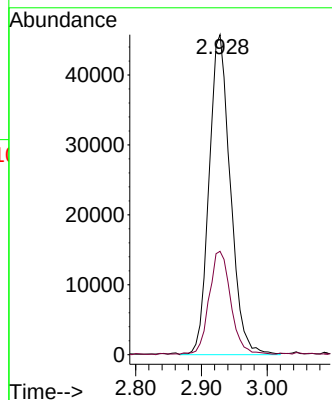
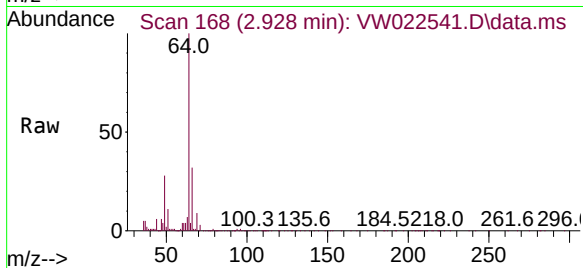




#8
Chloroethane
Concen: 26.016 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.007 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

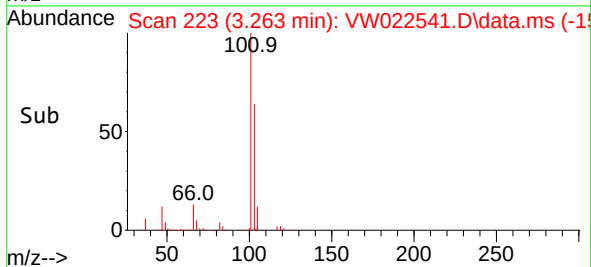
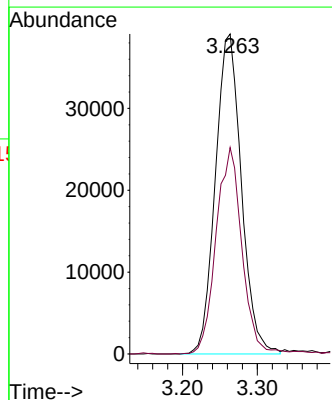
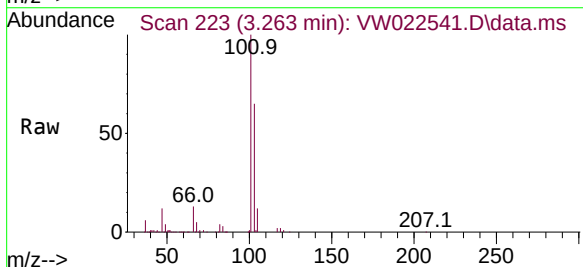
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ClientSampleId :
VSTD025486

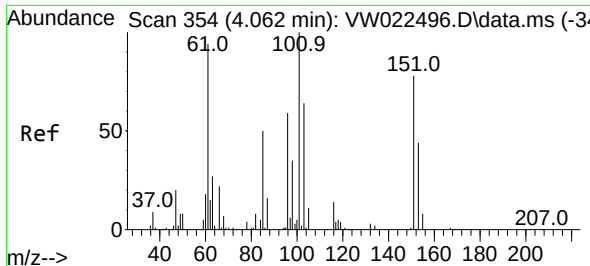
Tgt Ion: 64 Resp: 102893
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 28.373 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.007 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion: 101 Resp: 94628
Ion Ratio Lower Upper
101 100
103 63.3 52.0 78.0

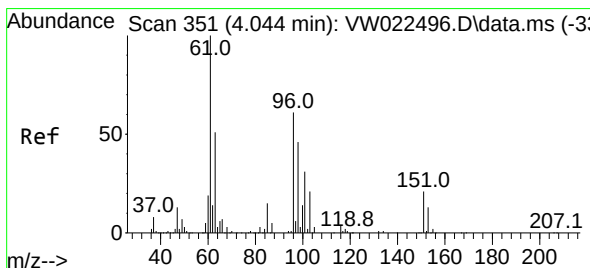
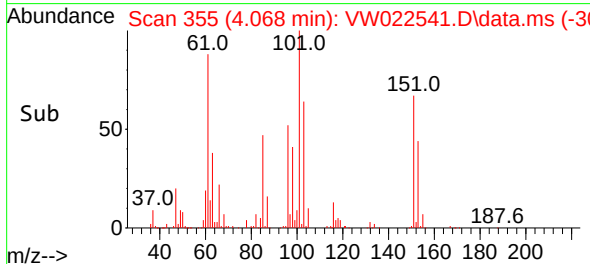
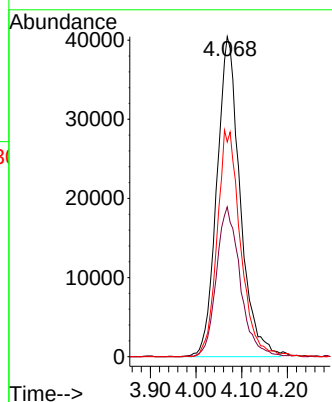
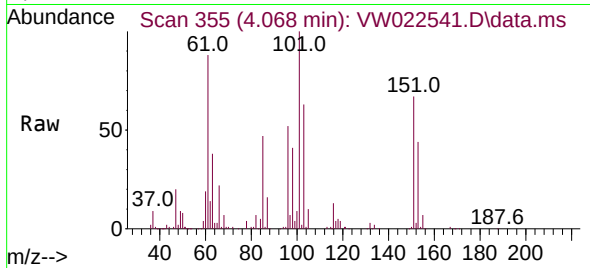




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.891 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VW022541.D
 Acq: 14 Apr 2022 09:33

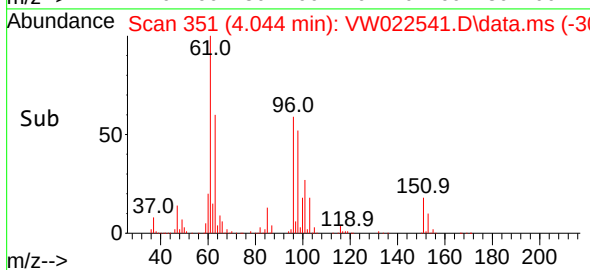
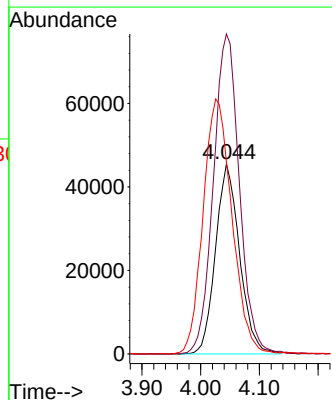
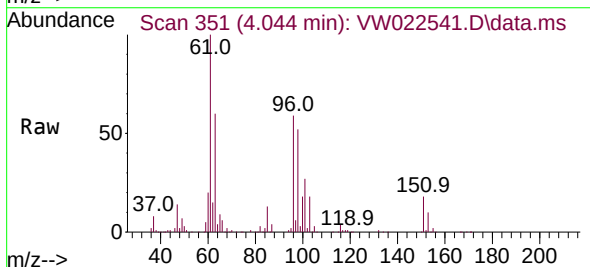
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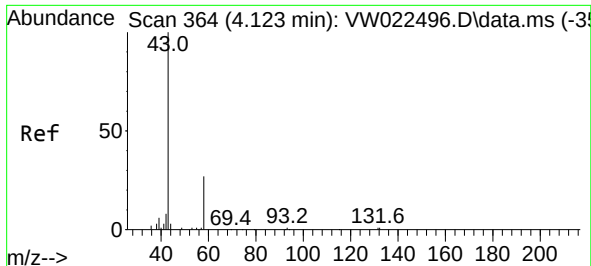
Tgt Ion:101 Resp: 142813
 Ion Ratio Lower Upper
 101 100
 85 47.4 39.2 58.8
 151 70.3 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 27.124 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022541.D
 Acq: 14 Apr 2022 09:33

Tgt Ion: 96 Resp: 129371
 Ion Ratio Lower Upper
 96 100
 61 168.4 128.0 237.6
 63 100.8 86.6 160.8

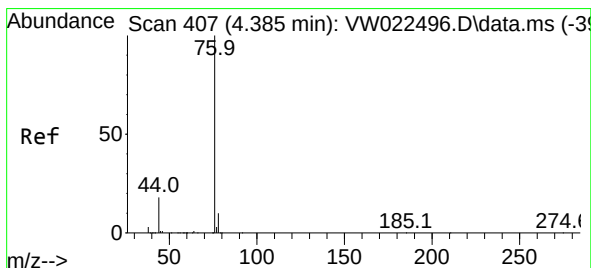
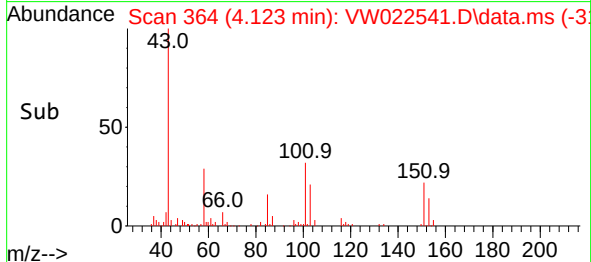
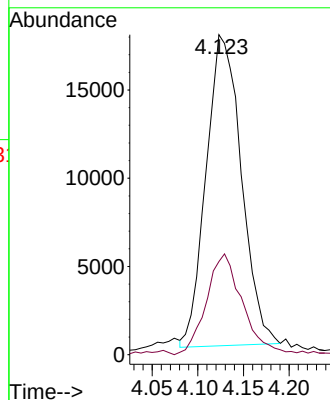
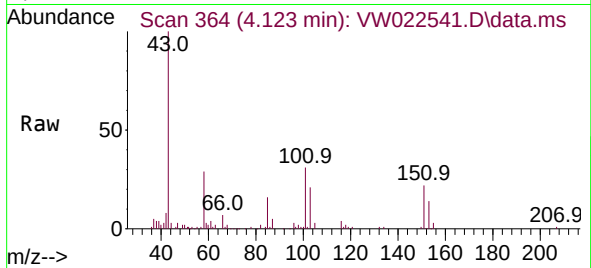




#13
Acetone
Concen: 50.763 ug/L
RT: 4.123 min Scan# 308
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

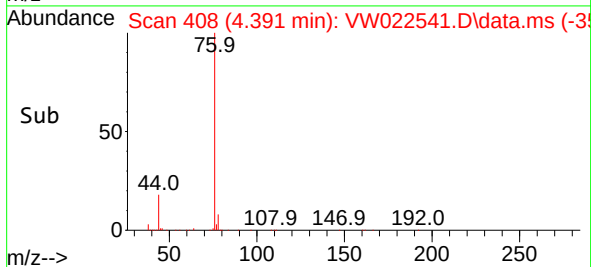
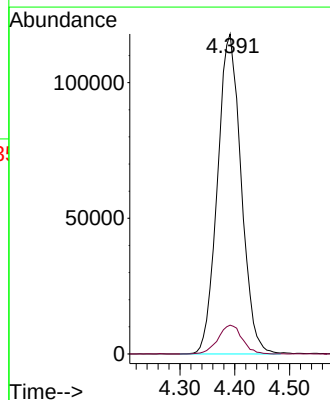
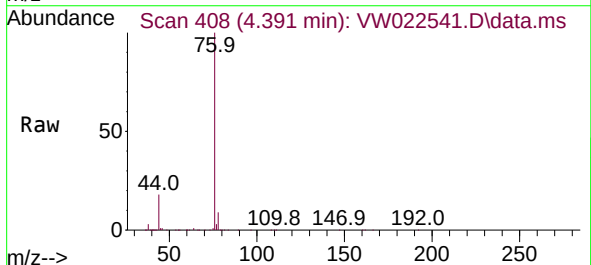
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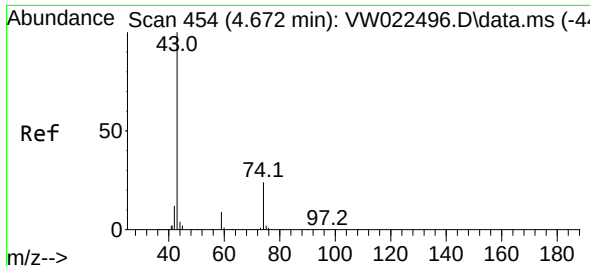
Tgt Ion: 43 Resp: 47254
Ion Ratio Lower Upper
43 100
58 33.3 0.0 57.0



#14
Carbon disulfide
Concen: 22.556 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 353912
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

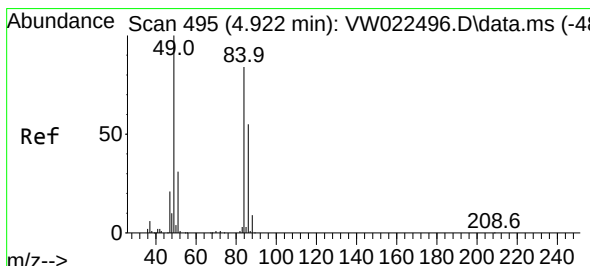
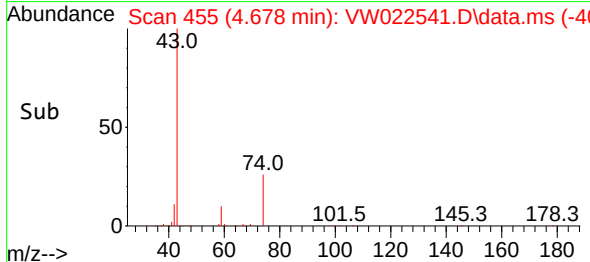
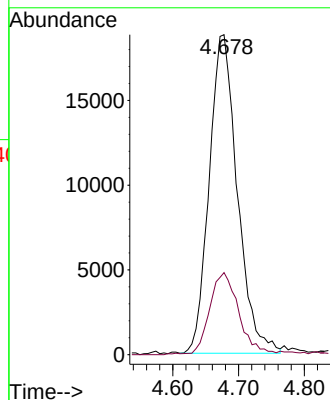
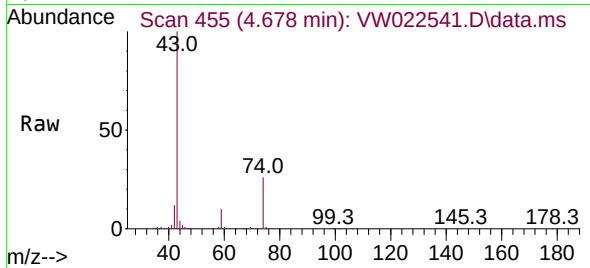




#15
Methyl Acetate
Concen: 23.967 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.013 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

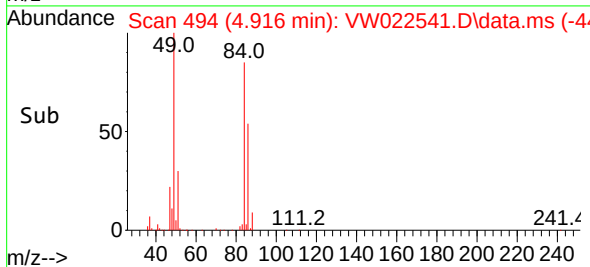
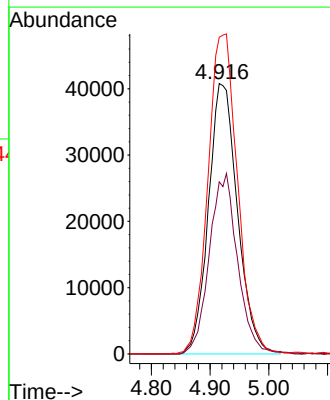
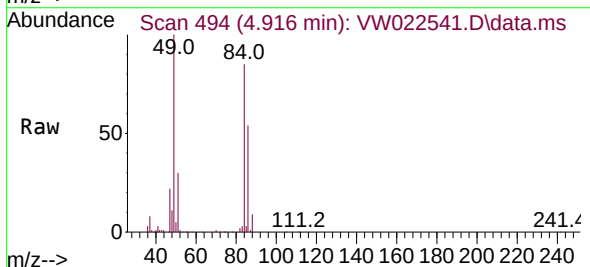
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

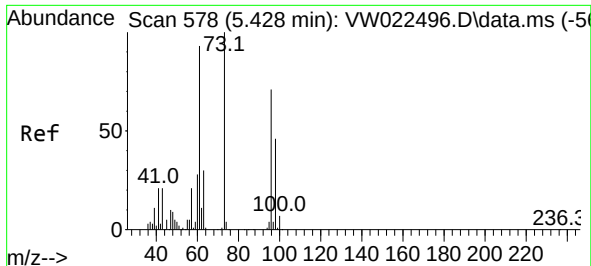
Tgt Ion: 43 Resp: 55987
Ion Ratio Lower Upper
43 100
74 26.5 18.5 27.7



#16
Methylene chloride
Concen: 26.307 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion: 84 Resp: 140222
Ion Ratio Lower Upper
84 100
86 63.7 42.8 79.4
49 117.1 94.2 175.0





#17

trans-1,2-Dichloroethene

Concen: 25.771 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.007 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD025486

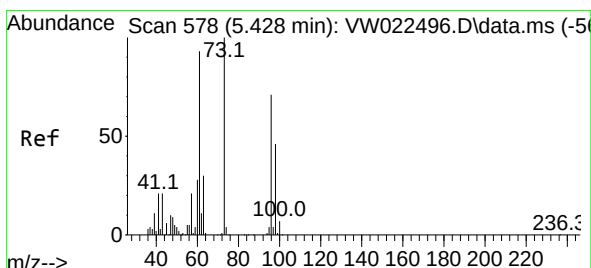
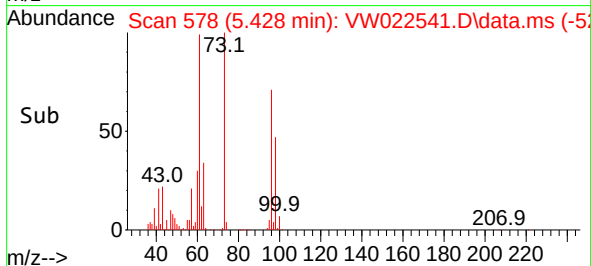
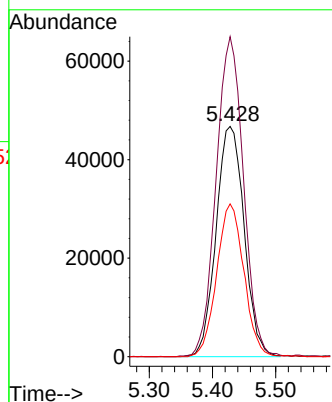
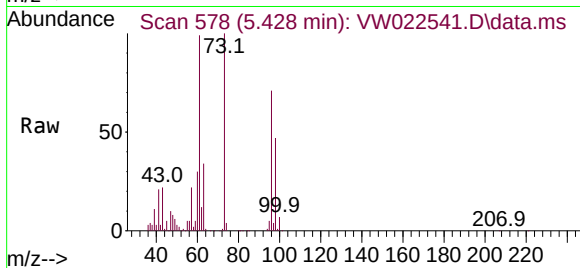
Tgt Ion: 96 Resp: 143991

Ion Ratio Lower Upper

96 100

61 139.0 99.8 185.4

98 66.4 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 25.174 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.007 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

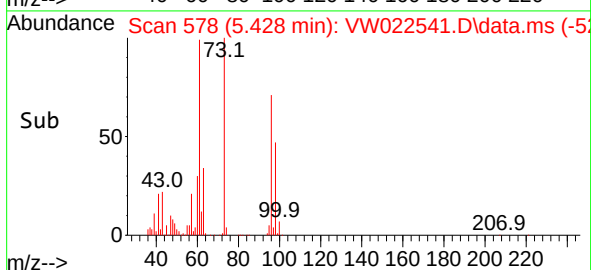
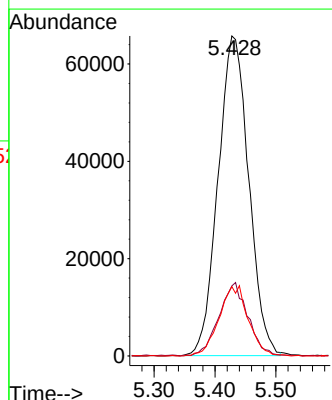
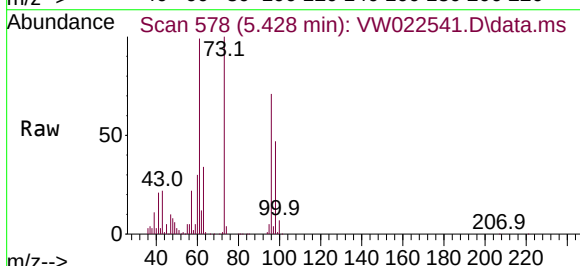
Tgt Ion: 73 Resp: 229718

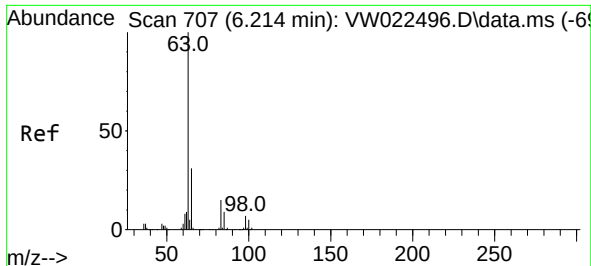
Ion Ratio Lower Upper

73 100

43 21.7 18.8 28.2

57 12.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 25.139 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.007 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD025486

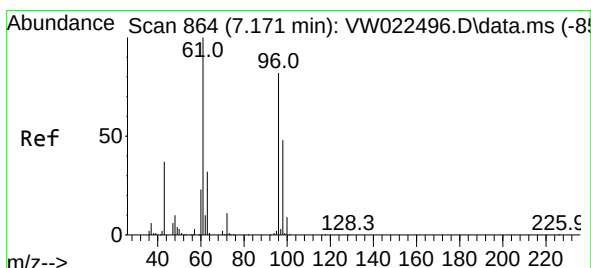
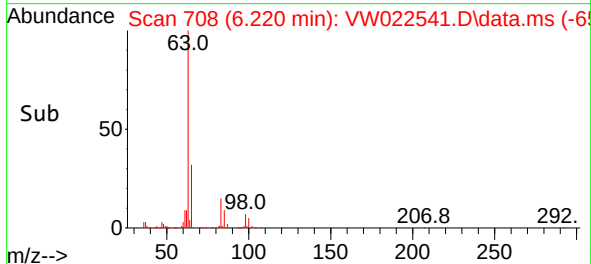
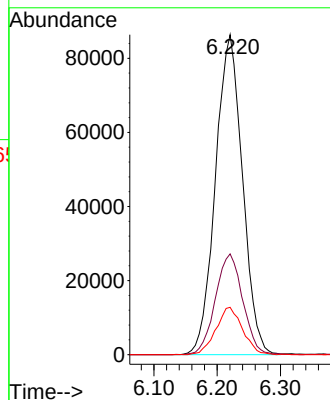
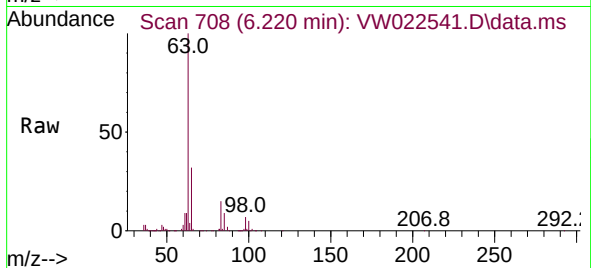
Tgt Ion: 63 Resp: 256290

Ion Ratio Lower Upper

63 100

65 31.5 21.1 39.3

83 14.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 27.022 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.007 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

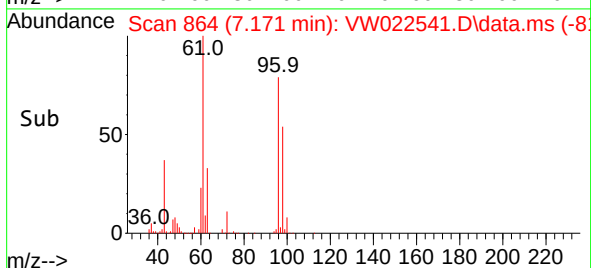
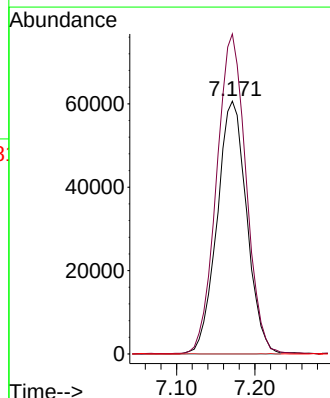
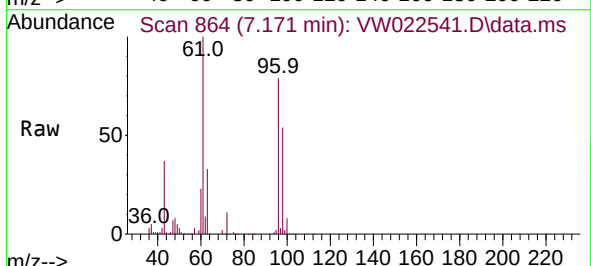
Tgt Ion: 96 Resp: 159456

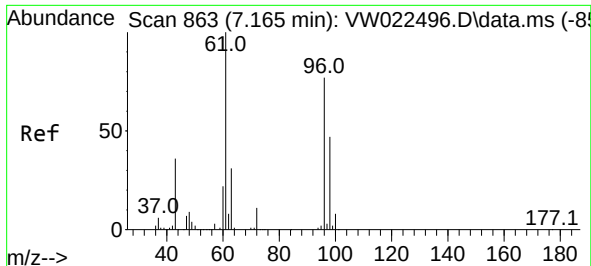
Ion Ratio Lower Upper

96 100

61 126.5 96.4 179.0

68 0.0 0.1 0.3

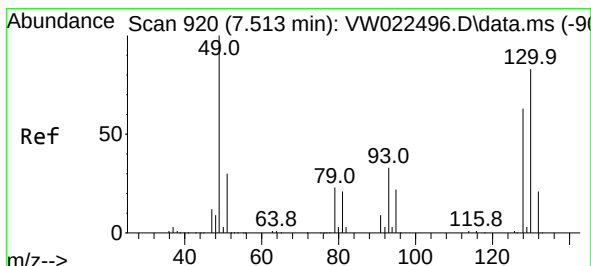
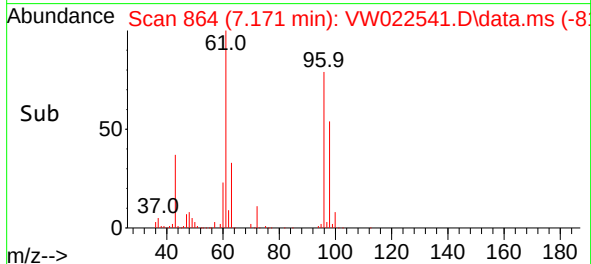
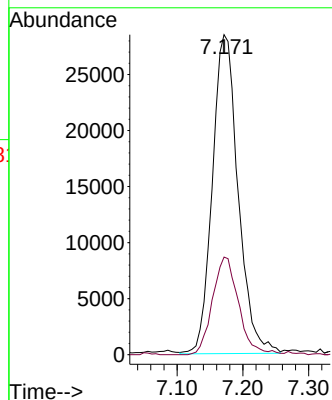
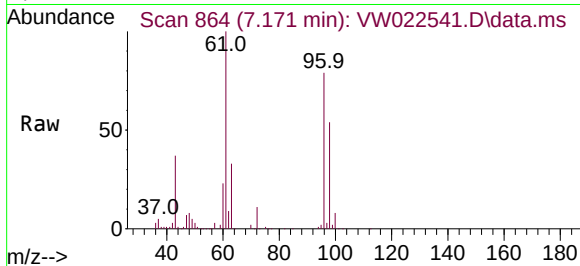




#22
2-Butanone
Concen: 55.276 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

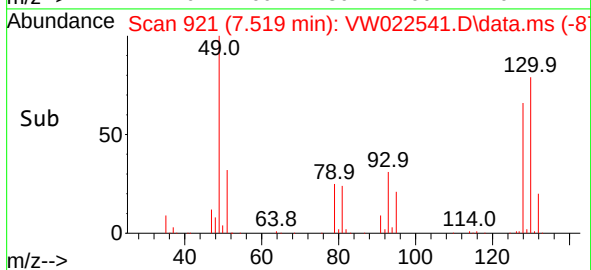
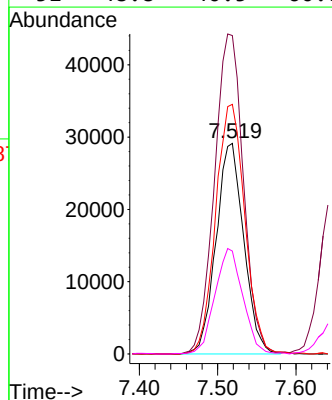
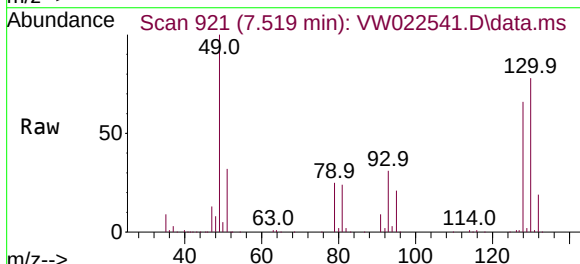
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

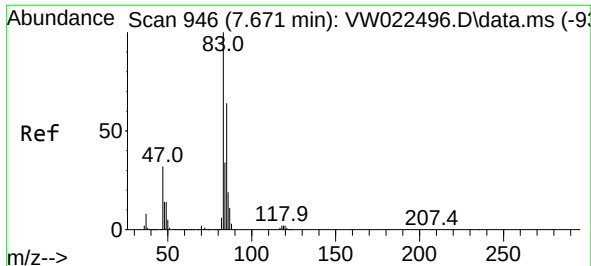
Tgt Ion: 43 Resp: 77713
Ion Ratio Lower Upper
43 100
72 30.5 14.0 42.0



#23
Bromochloromethane
Concen: 28.162 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.007 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion: 128 Resp: 71520
Ion Ratio Lower Upper
128 100
49 151.2 120.8 224.3
130 118.5 81.8 151.8
51 48.8 40.5 60.7

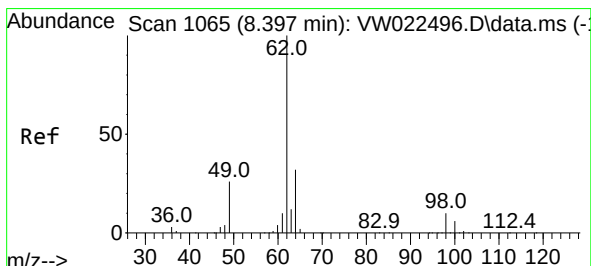
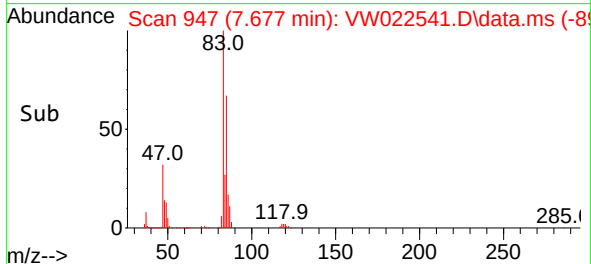
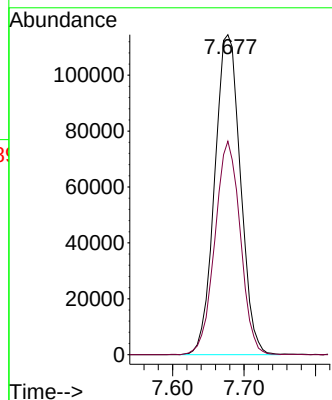
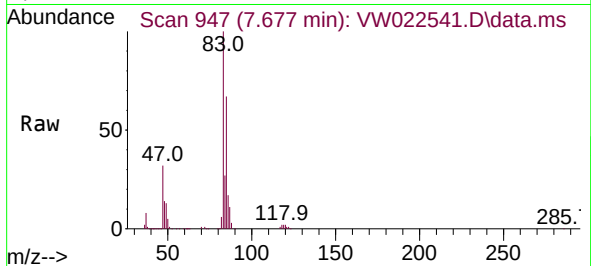




#25
Chloroform
Concen: 26.709 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

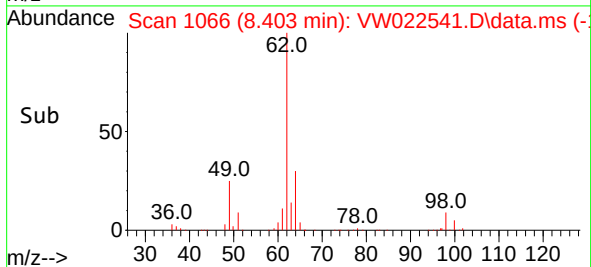
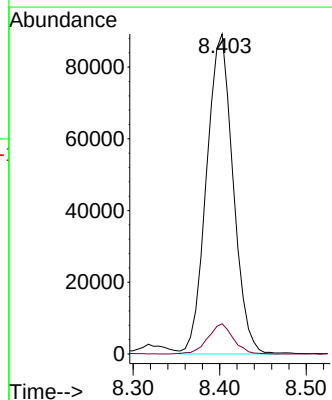
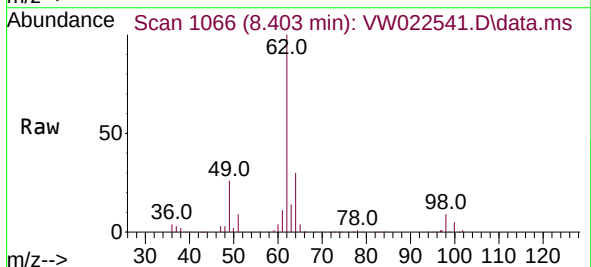
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

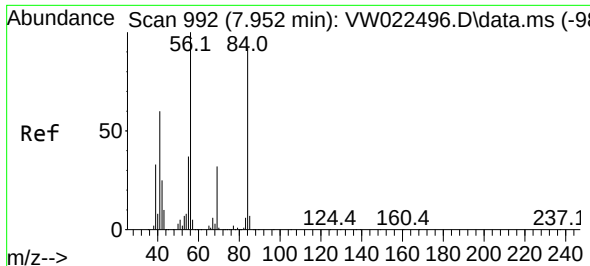
Tgt Ion: 83 Resp: 286791
Ion Ratio Lower Upper
83 100
85 66.7 45.8 85.0



#27
1,2-Dichloroethane
Concen: 25.209 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.007 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion: 62 Resp: 190248
Ion Ratio Lower Upper
62 100
98 9.4 6.2 9.2#





#29

Cyclohexane

Concen: 22.936 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.007 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

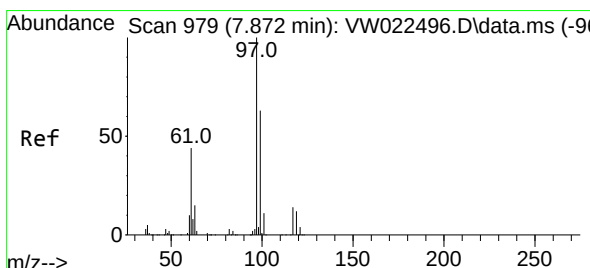
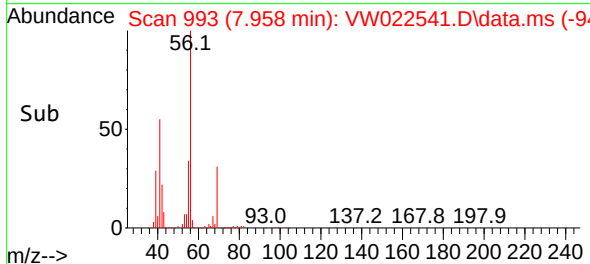
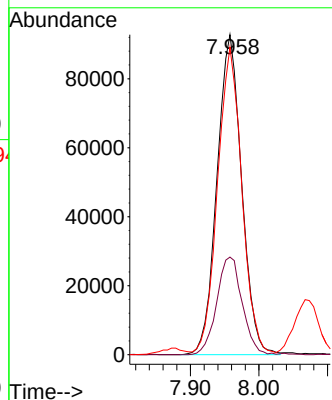
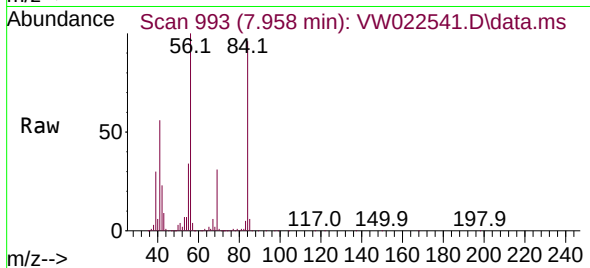
MSVOA_U

ClientSampleId :

VSTD025486

Tgt Ion: 56 Resp: 231543

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.4	36.6
84	94.8	72.6	108.8



#30

1,1,1-Trichloroethane

Concen: 24.838 ug/L

RT: 7.872 min Scan# 979

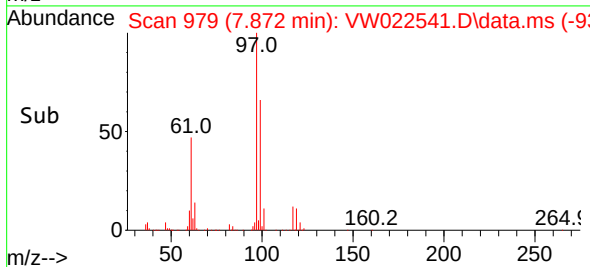
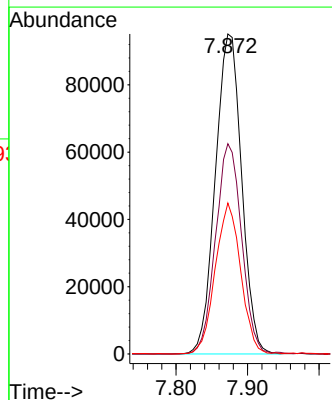
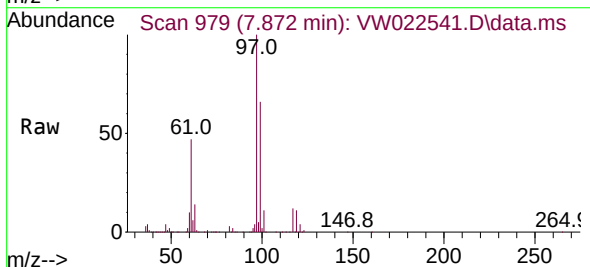
Delta R.T. 0.000 min

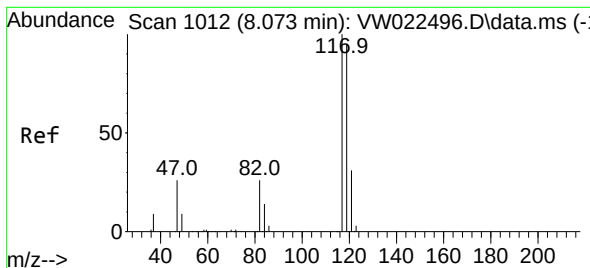
Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Tgt Ion: 97 Resp: 243020

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	45.6	38.7	58.1





#31

Carbon tetrachloride

Concen: 25.581 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

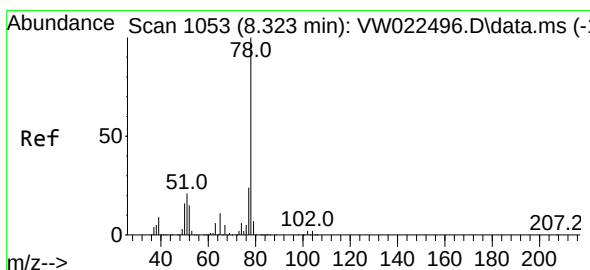
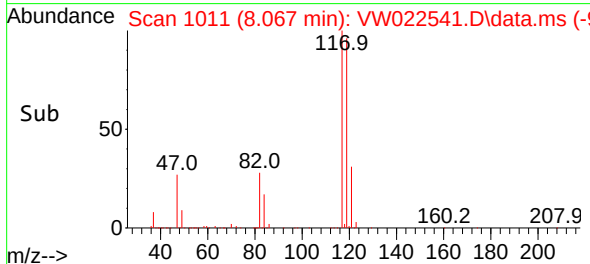
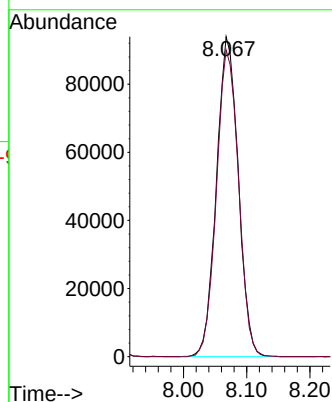
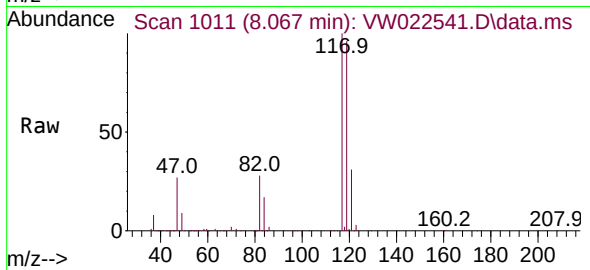
VSTD025486

Tgt Ion:117 Resp: 224643

Ion Ratio Lower Upper

117 100

119 96.9 75.5 113.3



#33

Benzene

Concen: 24.762 ug/L

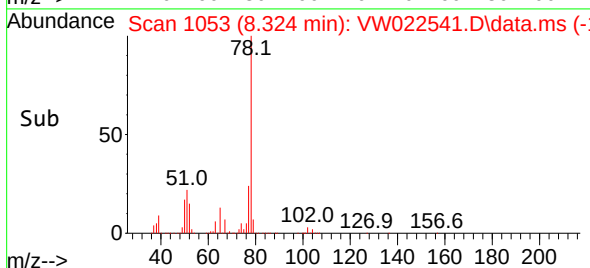
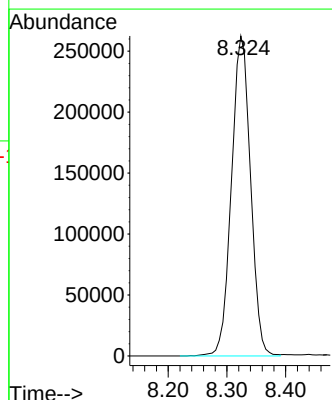
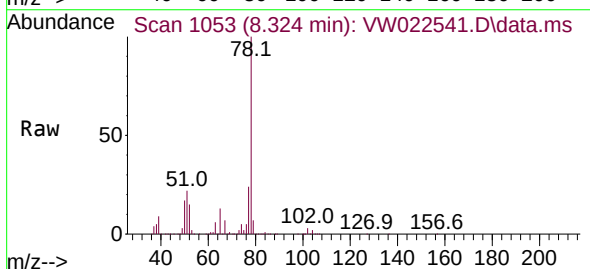
RT: 8.324 min Scan# 1053

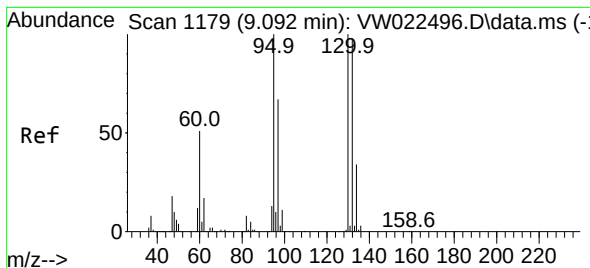
Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Tgt Ion: 78 Resp: 592972





#34

Trichloroethene

Concen: 25.946 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.007 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD025486

Tgt Ion: 95 Resp: 166366

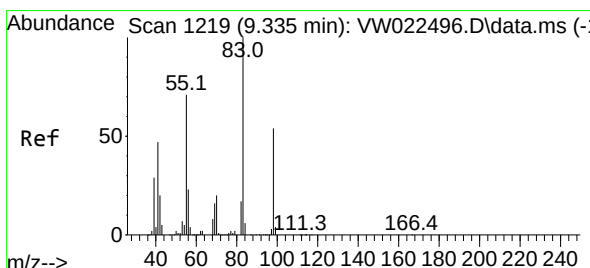
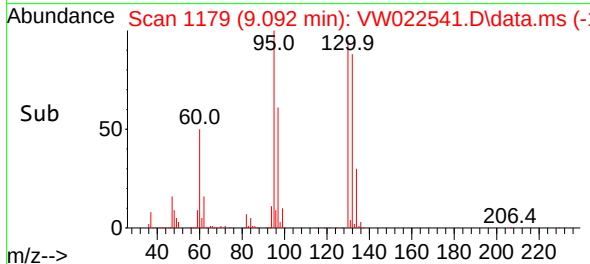
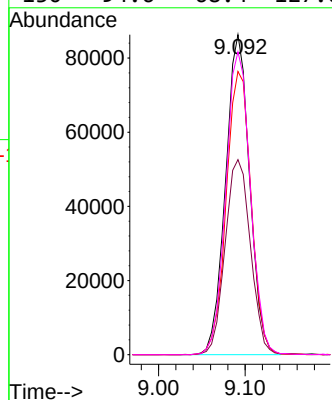
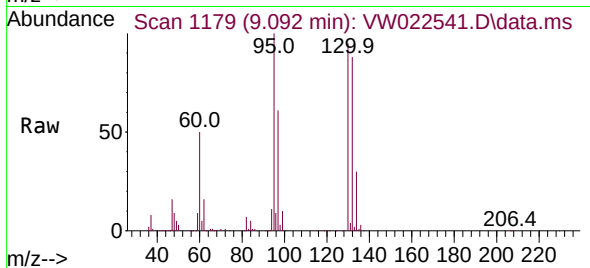
Ion Ratio Lower Upper

95 100

97 60.9 46.4 86.2

132 88.5 67.4 125.2

130 94.6 68.4 127.0



#35

Methylcyclohexane

Concen: 23.794 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

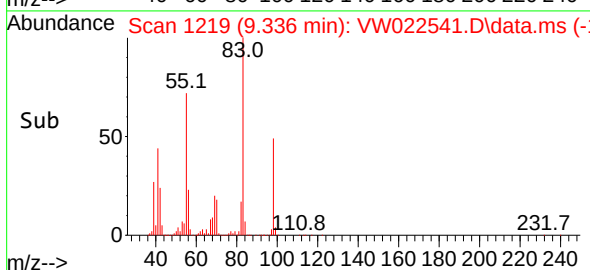
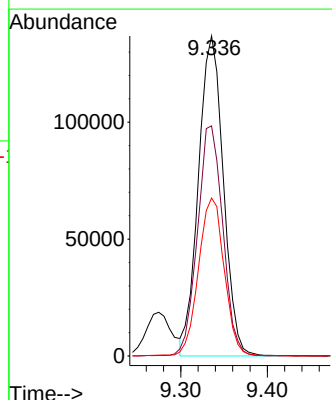
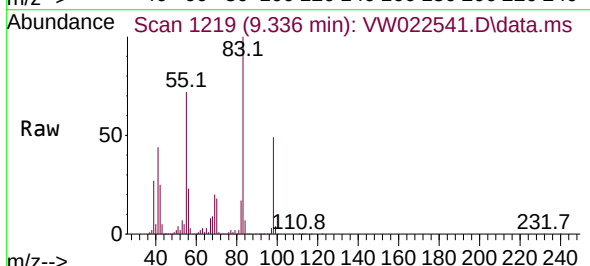
Tgt Ion: 83 Resp: 273728

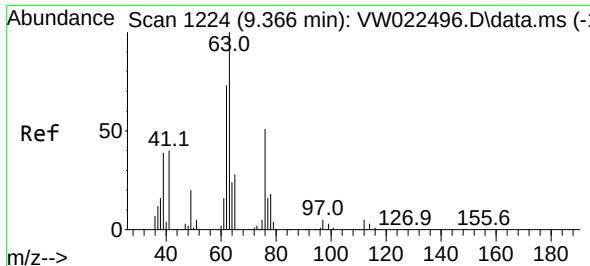
Ion Ratio Lower Upper

83 100

55 72.9 61.0 91.6

98 50.9 39.2 58.8





#37

1,2-Dichloropropane

Concen: 24.860 ug/L

RT: 9.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

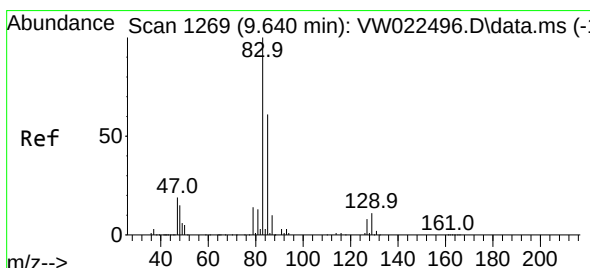
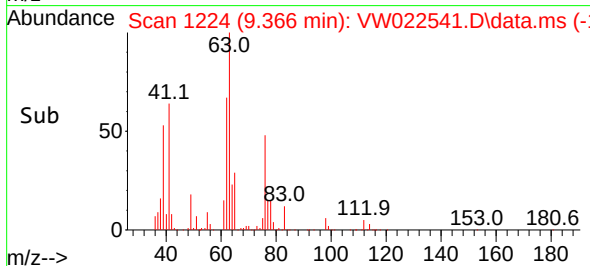
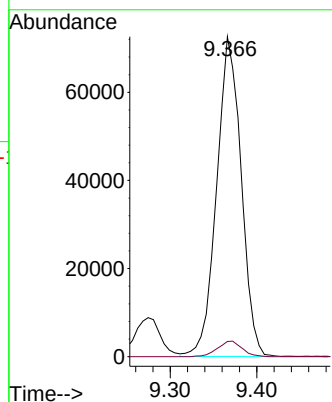
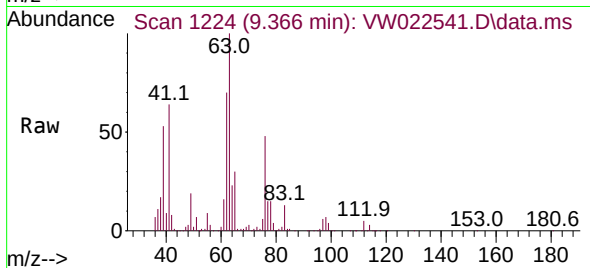
VSTD025486

Tgt Ion: 63 Resp: 142621

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 25.362 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

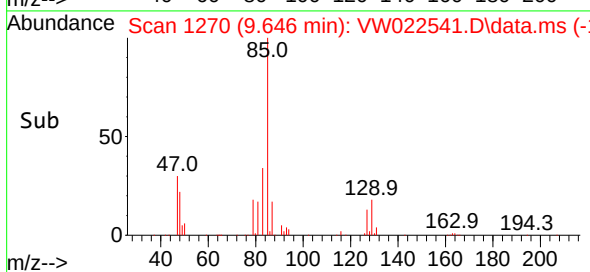
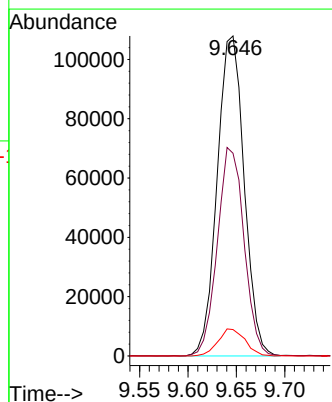
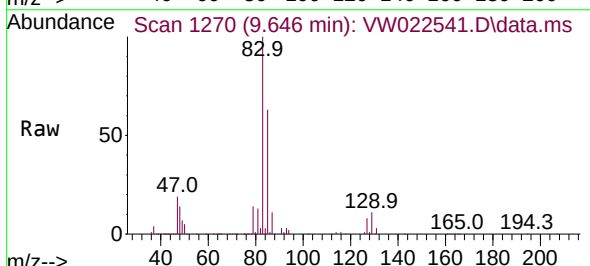
Tgt Ion: 83 Resp: 209234

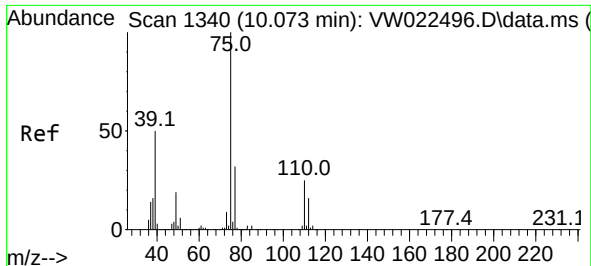
Ion Ratio Lower Upper

83 100

85 63.3 45.2 84.0

127 8.2 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.604 ug/L

RT: 10.073 min Scan# 1

Delta R.T. 0.007 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

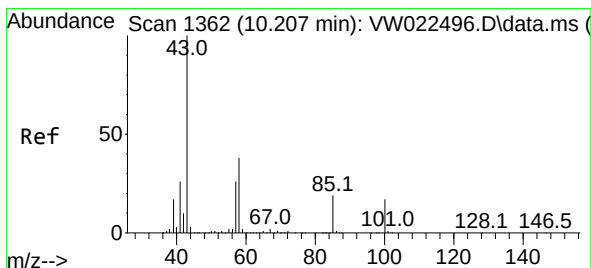
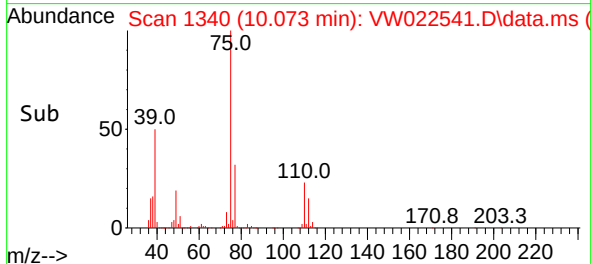
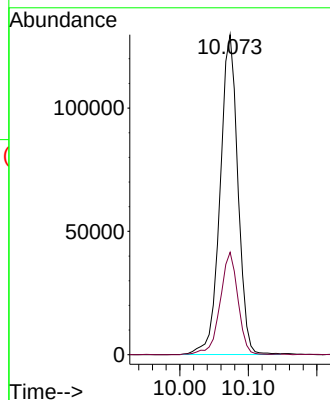
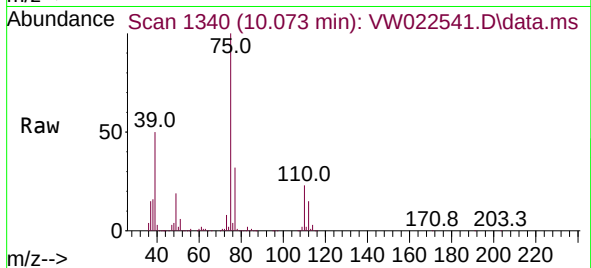
VSTD025486

Tgt Ion: 75 Resp: 233084

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 50.450 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

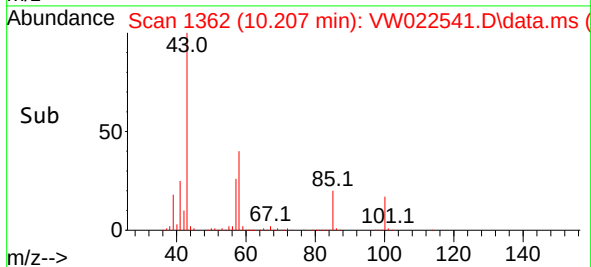
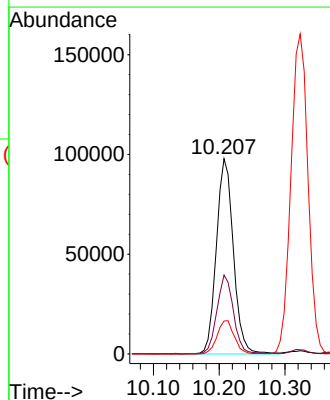
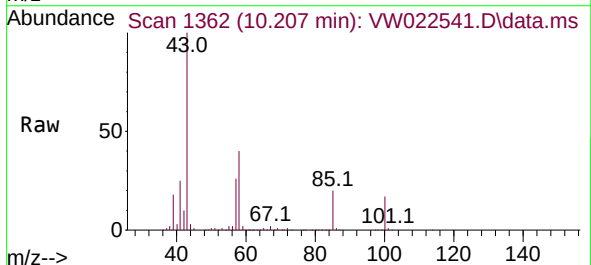
Tgt Ion: 43 Resp: 176632

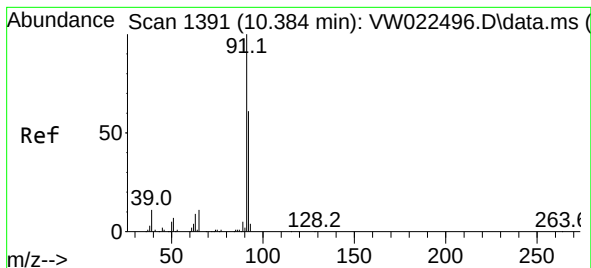
Ion Ratio Lower Upper

43 100

58 39.2 29.3 43.9

100 17.2 12.2 18.4





#42

Toluene

Concen: 25.110 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

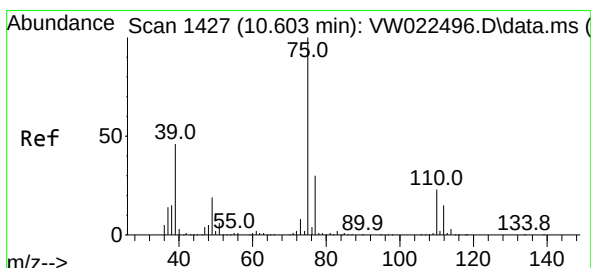
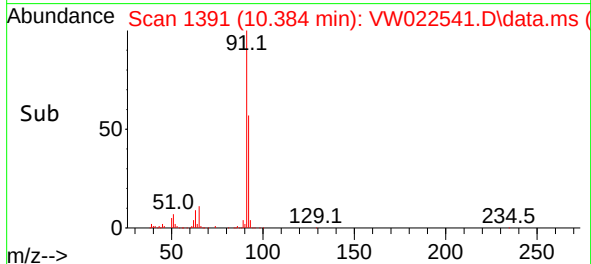
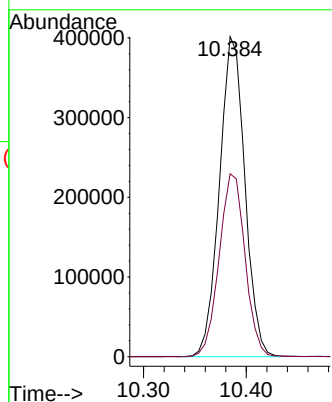
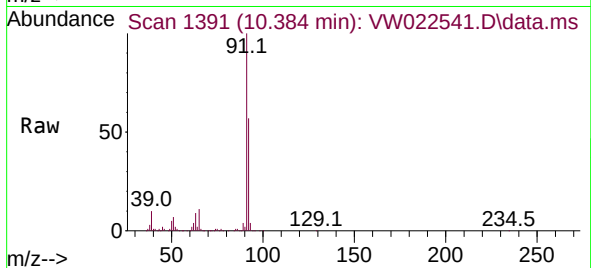
VSTD025486

Tgt Ion: 91 Resp: 689047

Ion Ratio Lower Upper

91 100

92 57.1 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 25.356 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022541.D

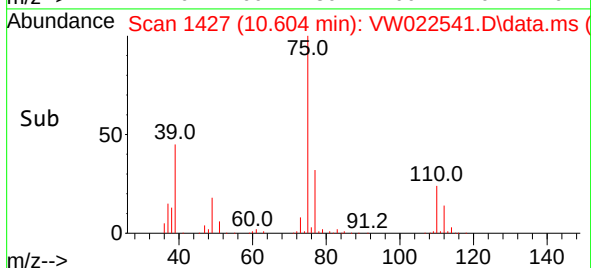
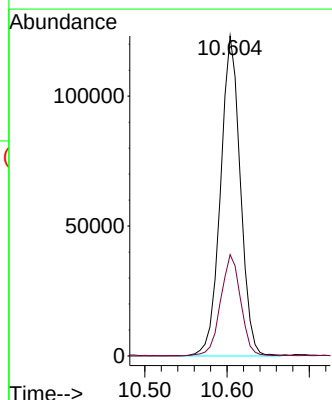
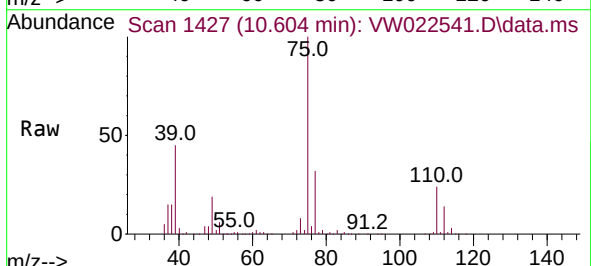
Acq: 14 Apr 2022 09:33

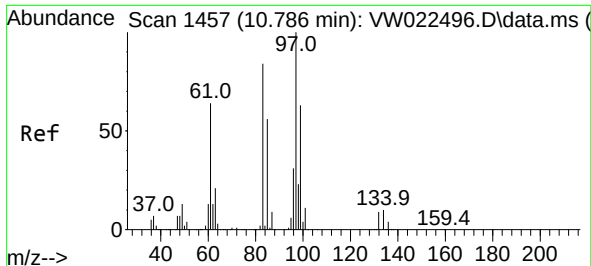
Tgt Ion: 75 Resp: 206681

Ion Ratio Lower Upper

75 100

77 31.6 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 26.710 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD025486

Tgt Ion: 97 Resp: 116945

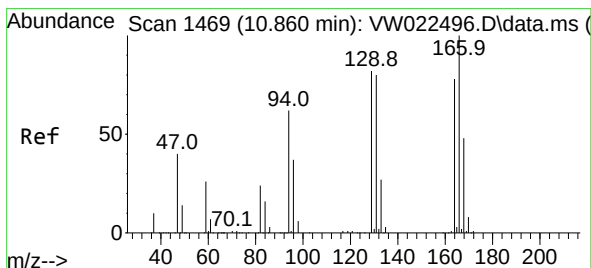
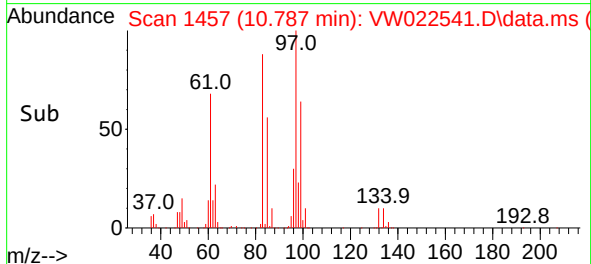
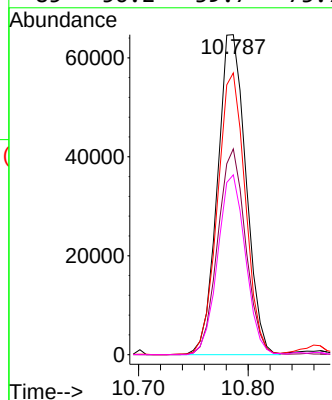
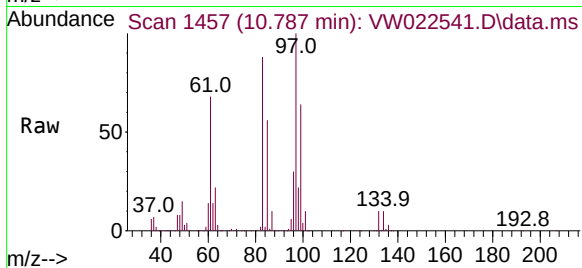
Ion Ratio Lower Upper

97 100

99 64.3 46.0 85.4

83 88.0 60.6 112.6

85 56.2 39.7 73.7



#46

Tetrachloroethene

Concen: 26.202 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Tgt Ion:164 Resp: 123498

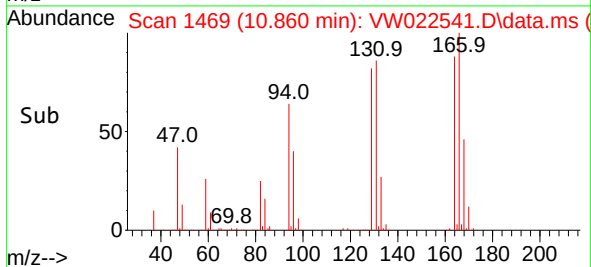
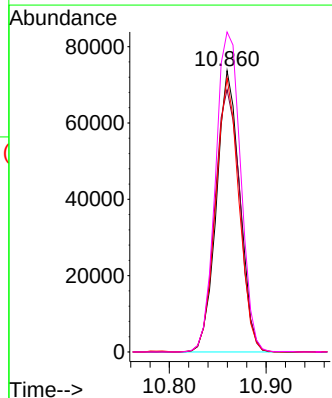
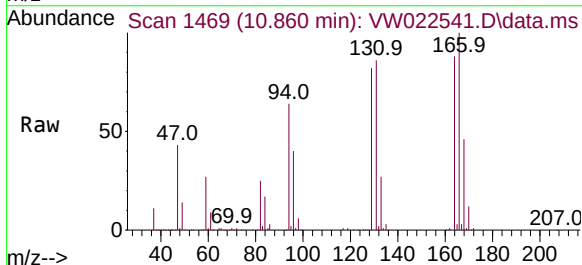
Ion Ratio Lower Upper

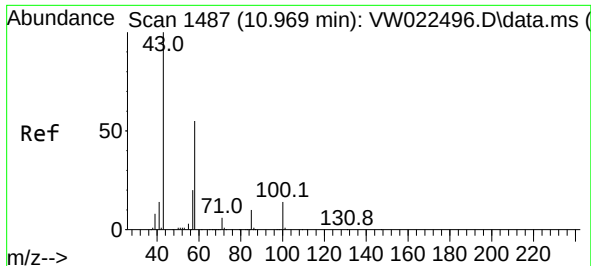
164 100

129 93.3 74.1 137.7

131 97.4 71.4 132.6

166 113.8 95.9 178.1



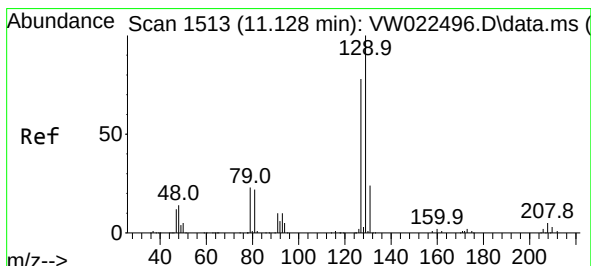
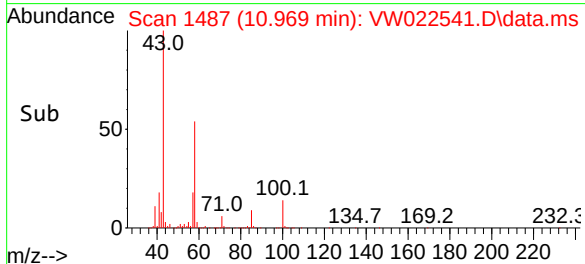
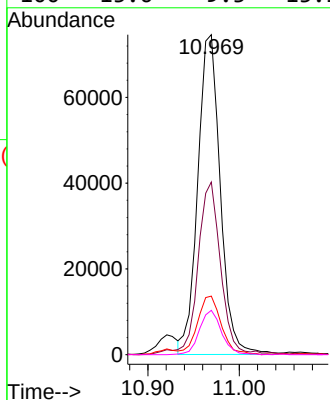
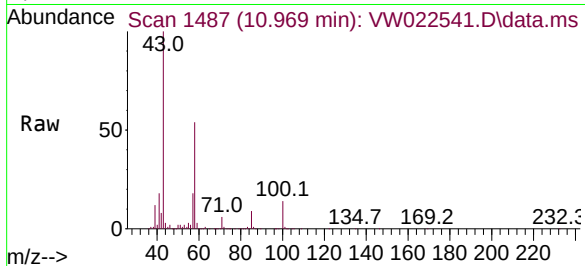


#48
2-Hexanone
Concen: 51.707 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

Tgt Ion: 43 Resp: 127715

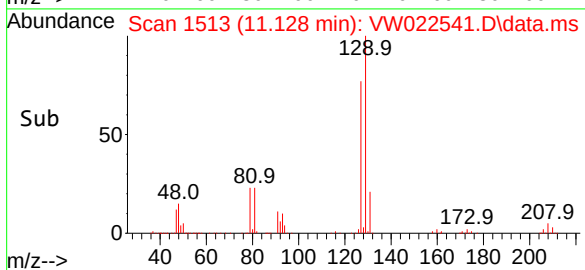
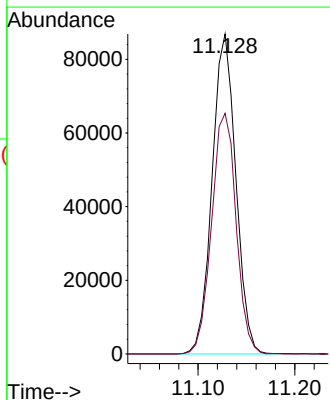
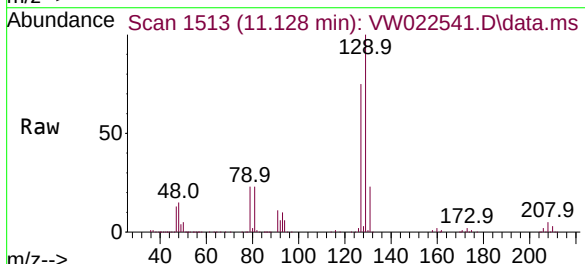
Ion	Ratio	Lower	Upper
43	100		
58	53.0	41.6	62.4
57	19.4	14.5	21.7
100	13.6	9.3	13.9

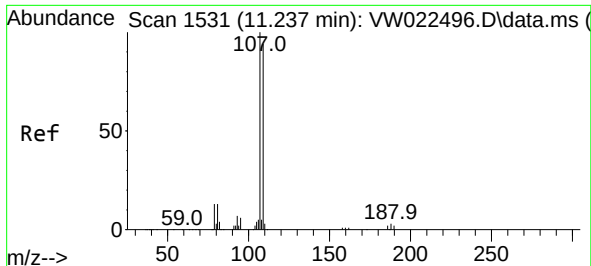


#49
Dibromochloromethane
Concen: 28.332 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion: 129 Resp: 147944

Ion	Ratio	Lower	Upper
129	100		
127	75.2	52.6	97.6

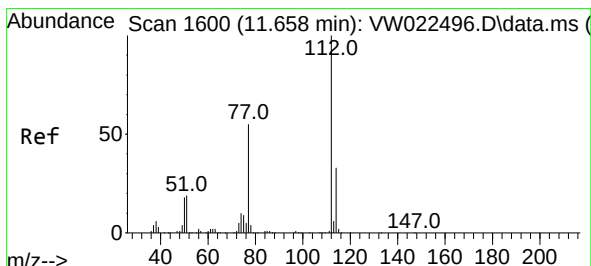
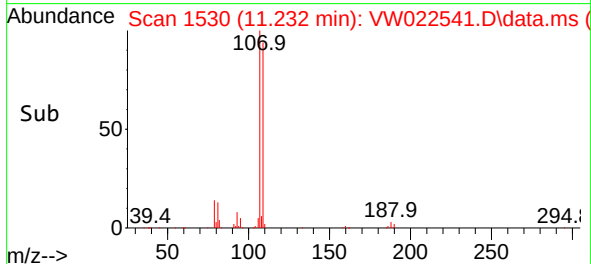
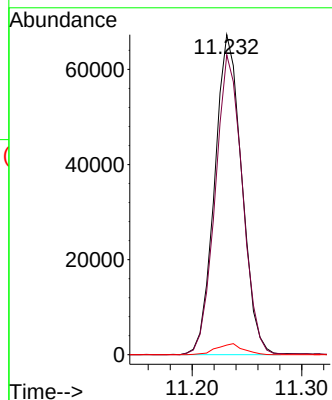
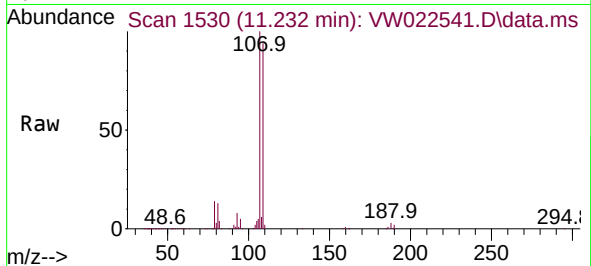




#50
1,2-Dibromoethane
Concen: 26.793 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

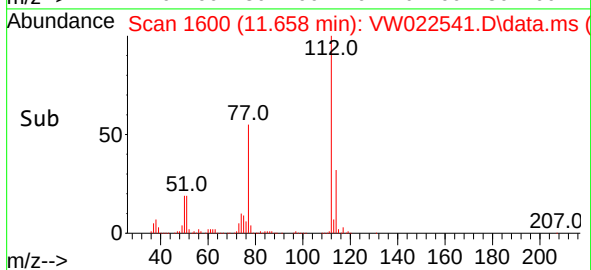
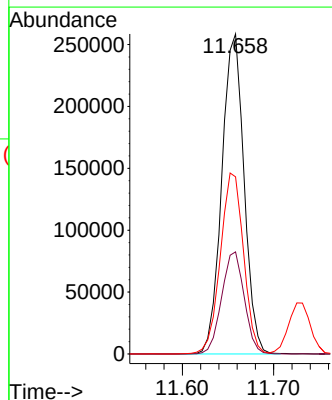
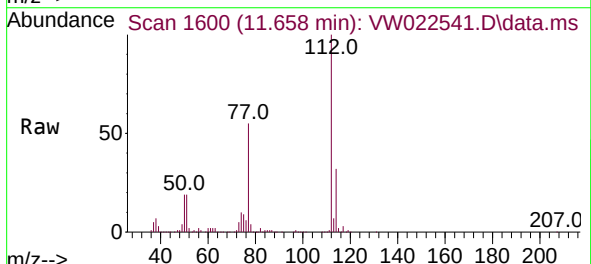
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

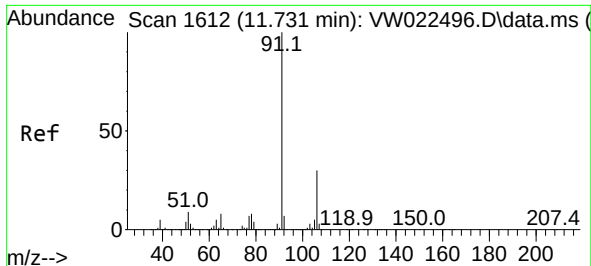
Tgt Ion:107 Resp: 115836
Ion Ratio Lower Upper
107 100
109 93.7 68.2 126.6
188 3.0 2.8 4.2



#51
Chlorobenzene
Concen: 26.081 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.007 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion:112 Resp: 437349
Ion Ratio Lower Upper
112 100
114 31.9 20.5 38.1
77 55.4 48.1 72.1

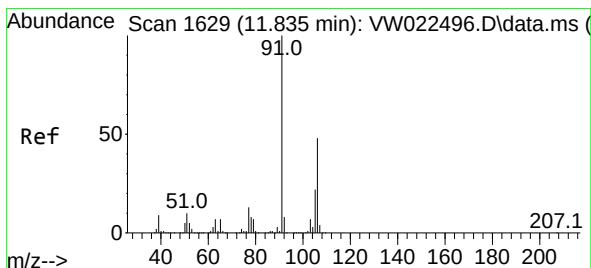
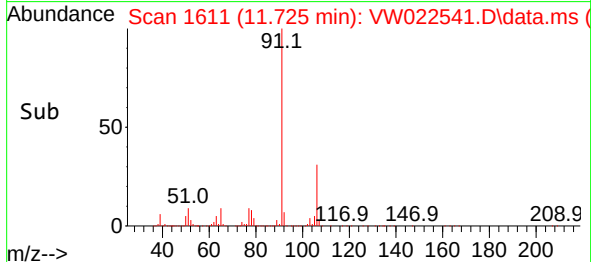
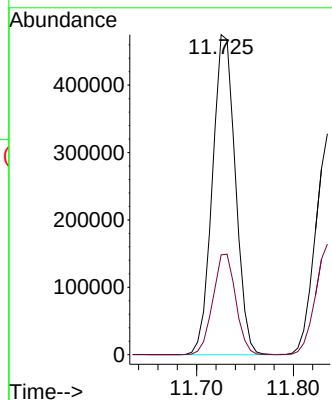
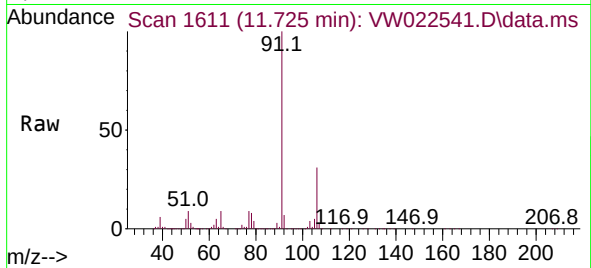




#52
Ethylbenzene
Concen: 25.476 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

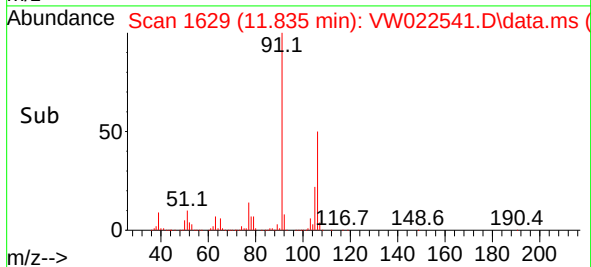
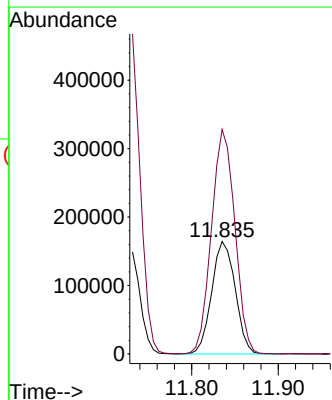
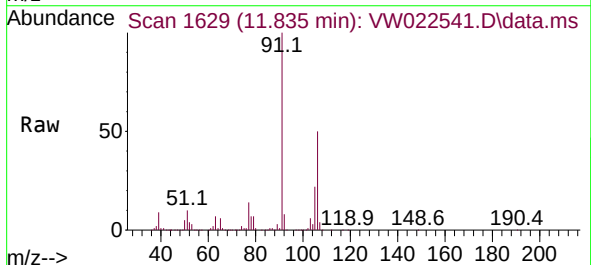
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

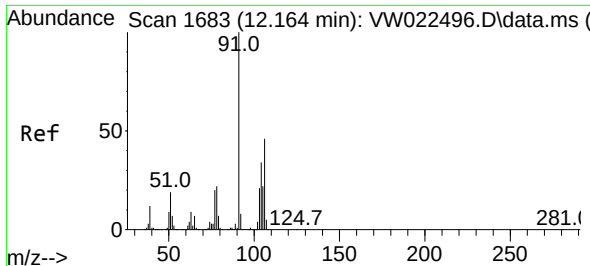
Tgt Ion: 91 Resp: 783576
Ion Ratio Lower Upper
91 100
106 31.2 20.5 38.1



#53
m,p-Xylene
Concen: 26.530 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion: 106 Resp: 310266
Ion Ratio Lower Upper
106 100
91 199.5 149.9 278.5

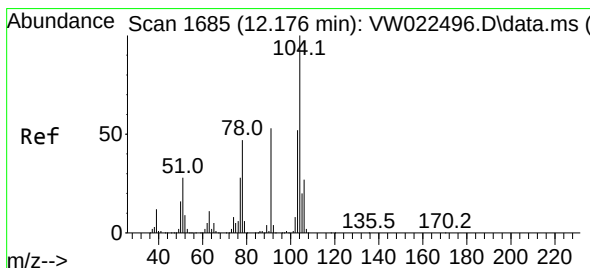
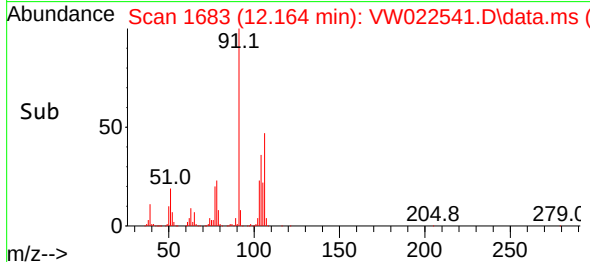
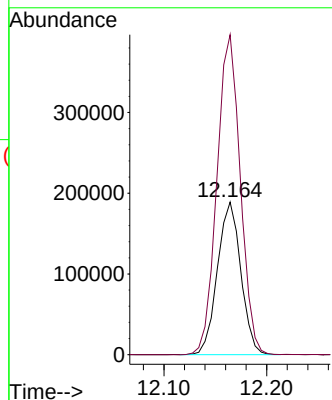
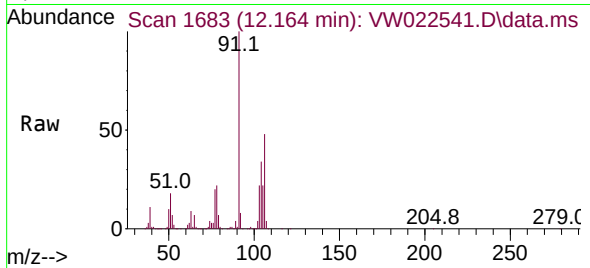




#54
o-Xylene
Concen: 26.701 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

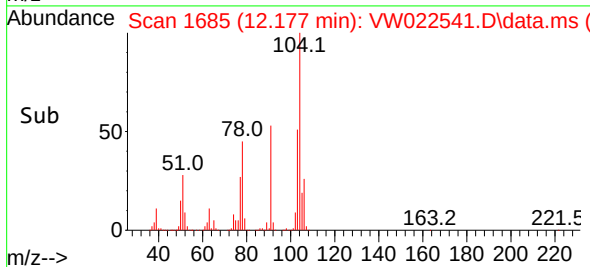
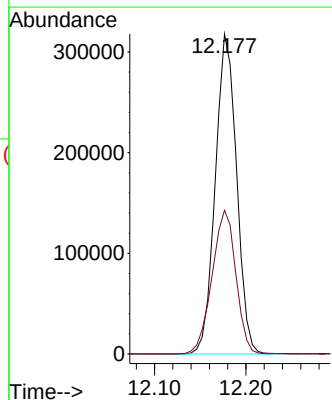
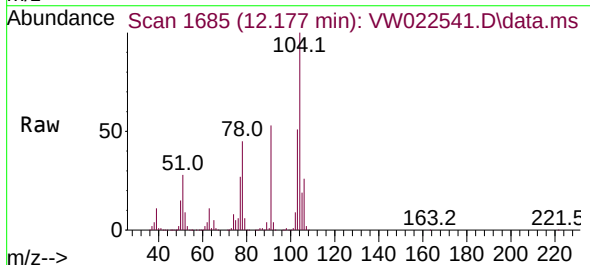
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

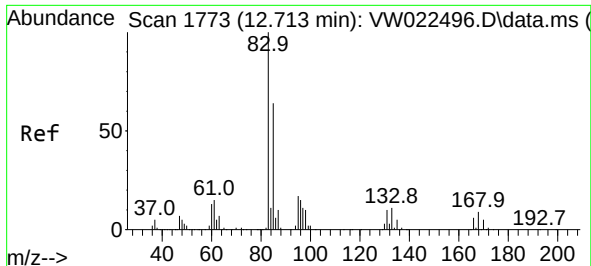
Tgt Ion:106 Resp: 298409
Ion Ratio Lower Upper
106 100
91 209.7 155.3 288.3



#55
Styrene
Concen: 26.924 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion:104 Resp: 514087
Ion Ratio Lower Upper
104 100
78 44.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.984 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD025486

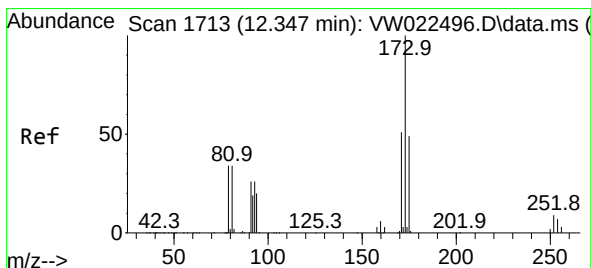
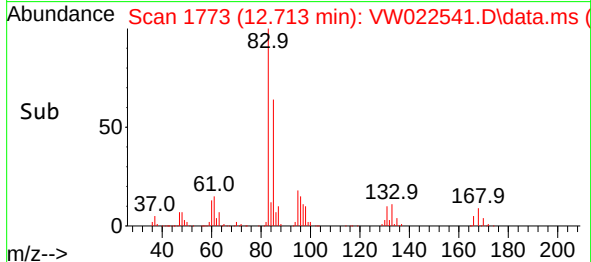
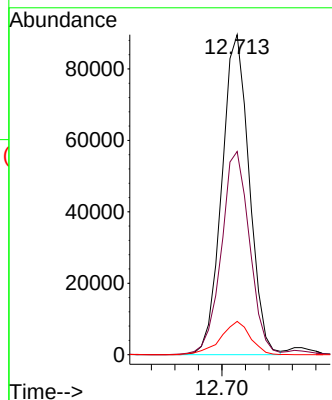
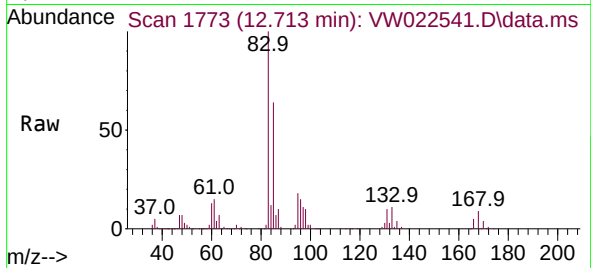
Tgt Ion: 83 Resp: 145012

Ion Ratio Lower Upper

83 100

85 63.5 45.5 84.5

131 10.4 7.8 11.8



#59

Bromoform

Concen: 25.486 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

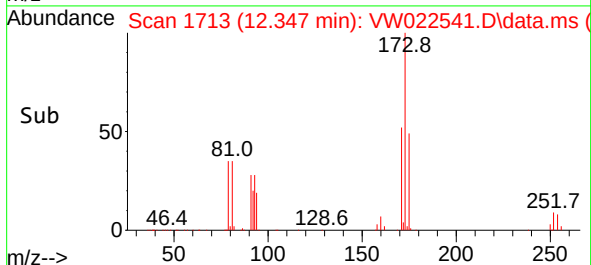
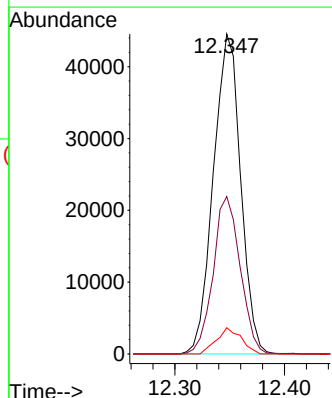
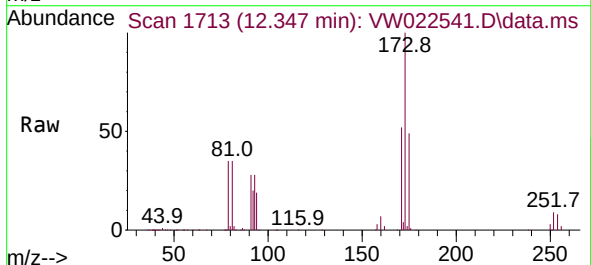
Tgt Ion: 173 Resp: 77011

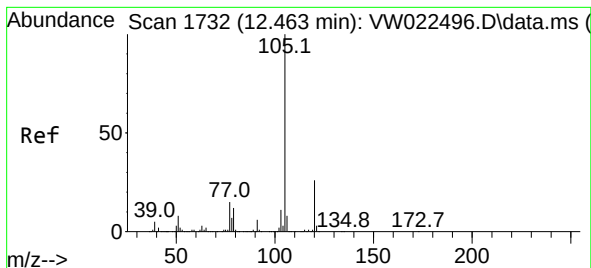
Ion Ratio Lower Upper

173 100

175 48.8 39.2 58.8

254 7.4 6.6 9.8





#60

Isopropylbenzene

Concen: 24.498 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD025486

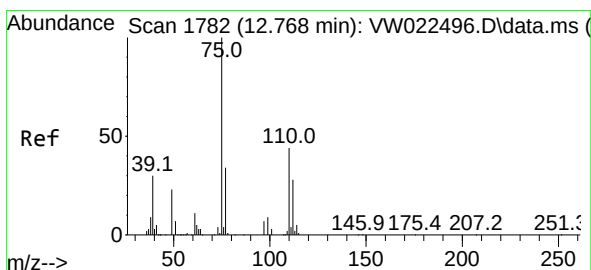
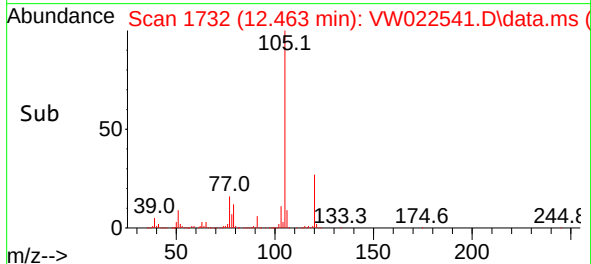
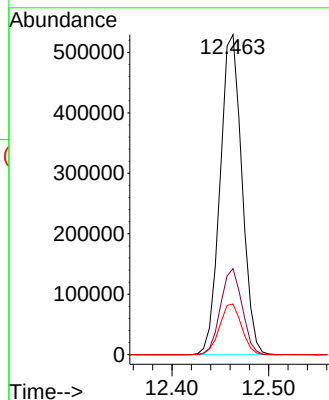
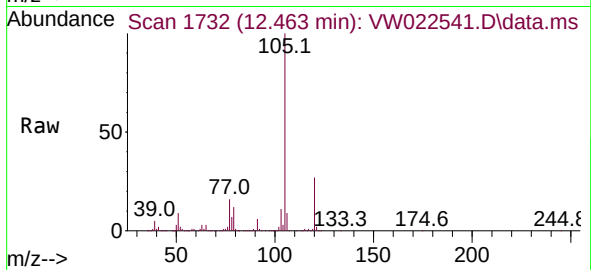
Tgt Ion:105 Resp: 827567

Ion Ratio Lower Upper

105 100

120 26.6 20.9 31.3

77 16.0 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 24.624 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

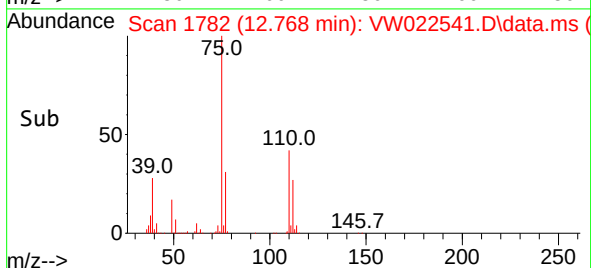
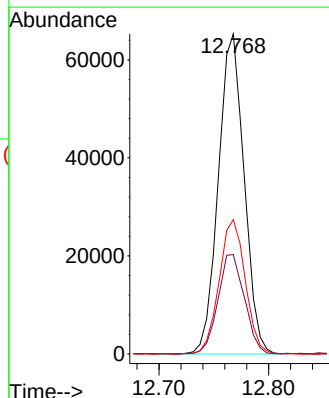
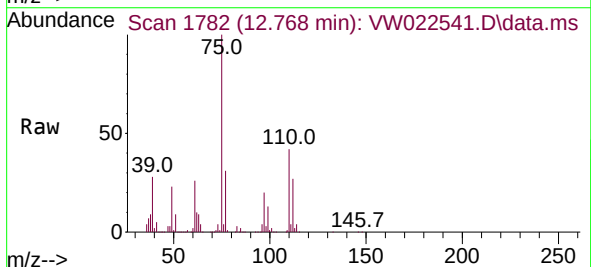
Tgt Ion: 75 Resp: 106518

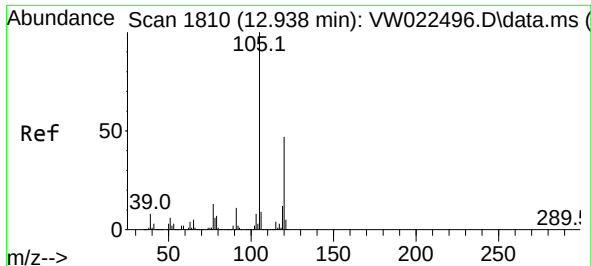
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

110 42.5 31.8 47.6

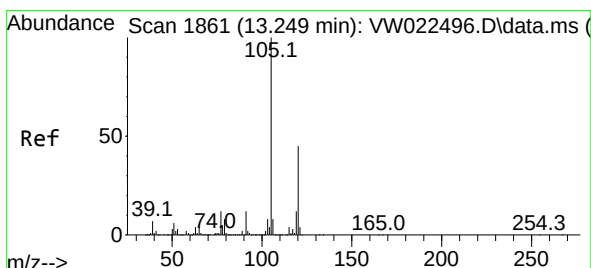
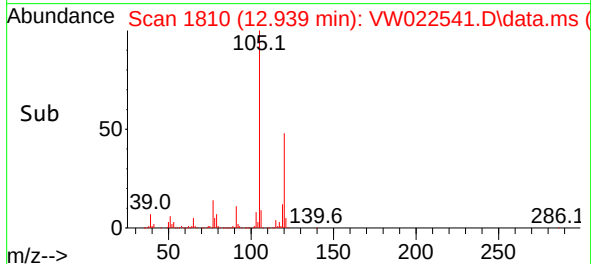
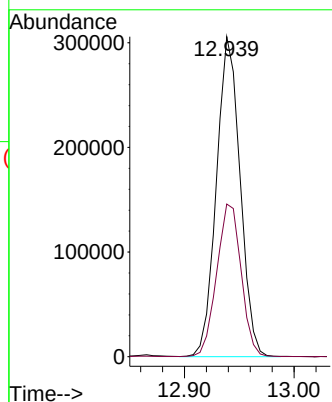
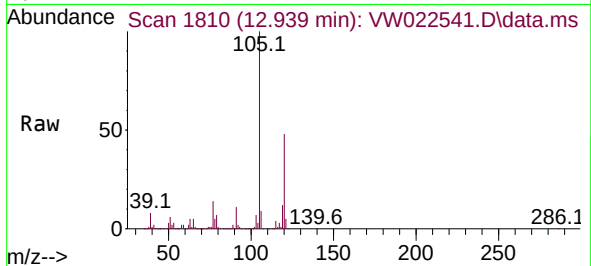




#62
1,3,5-Trimethylbenzene
Concen: 24.726 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

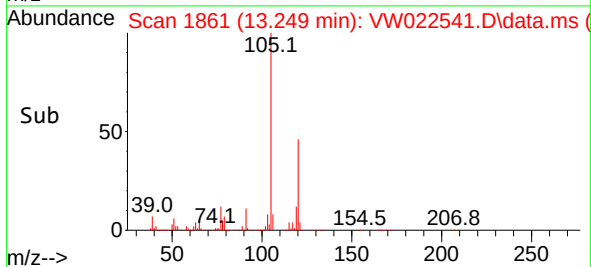
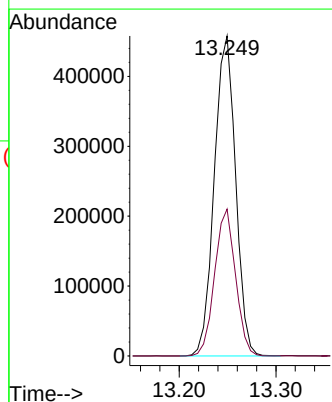
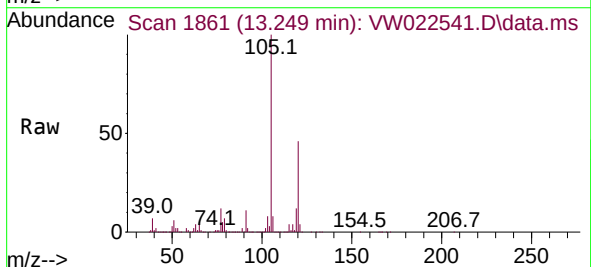
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

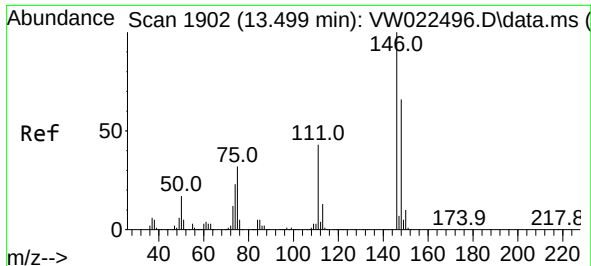
Tgt Ion:105 Resp: 459344
Ion Ratio Lower Upper
105 100
120 49.3 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 24.806 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion:105 Resp: 700770
Ion Ratio Lower Upper
105 100
120 44.9 34.2 51.2

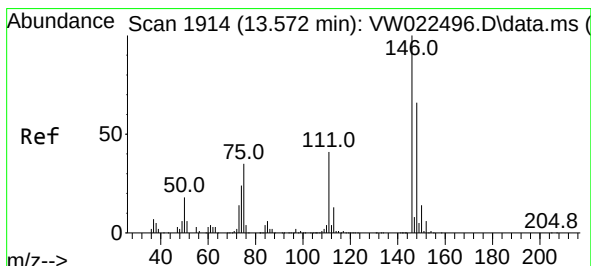
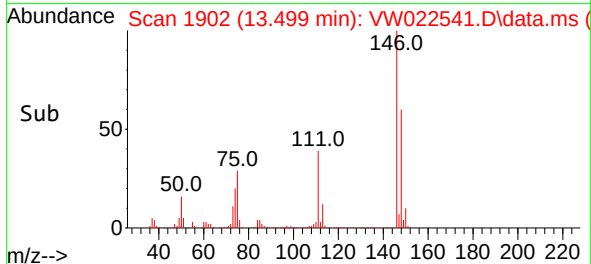
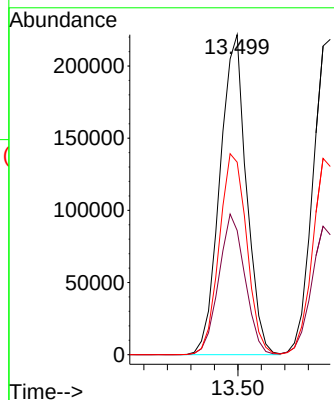
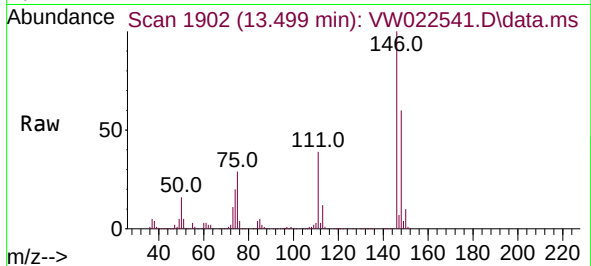




#64
1,3-Dichlorobenzene
Concen: 25.350 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

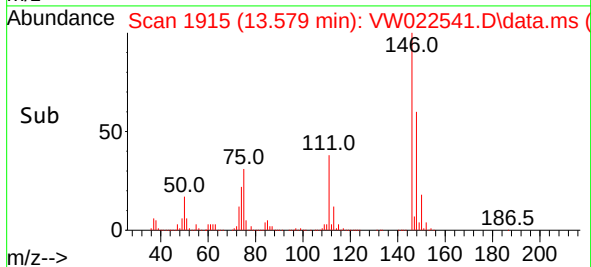
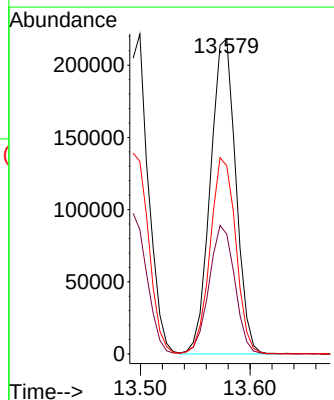
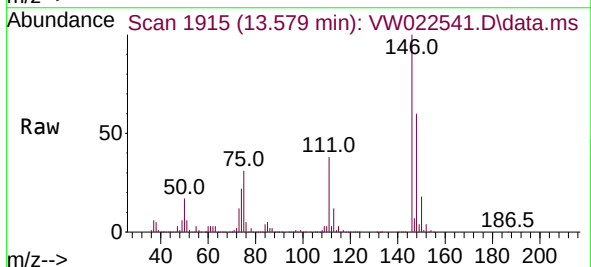
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

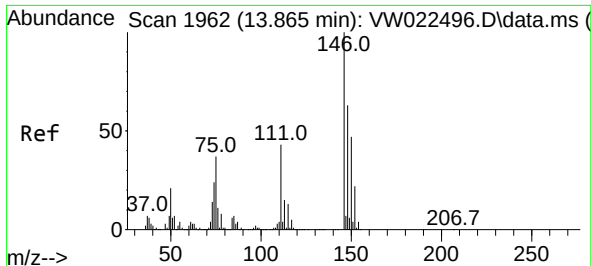
Tgt Ion:146 Resp: 347544
Ion Ratio Lower Upper
146 100
111 38.8 28.2 52.4
148 60.2 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 25.813 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.007 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion:146 Resp: 352936
Ion Ratio Lower Upper
146 100
111 38.0 28.5 52.9
148 59.7 44.4 82.4

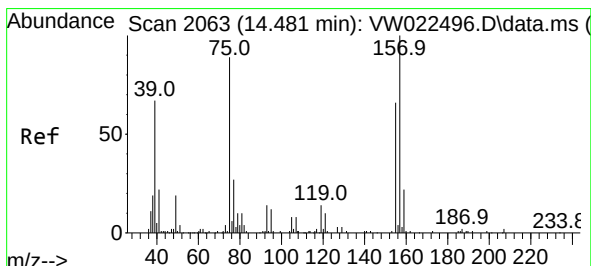
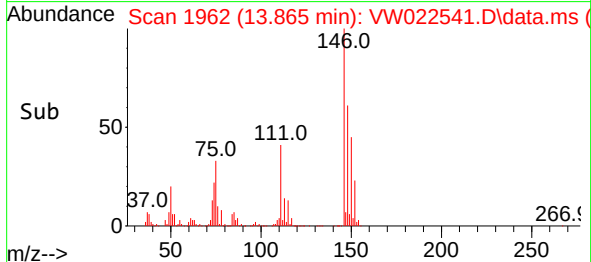
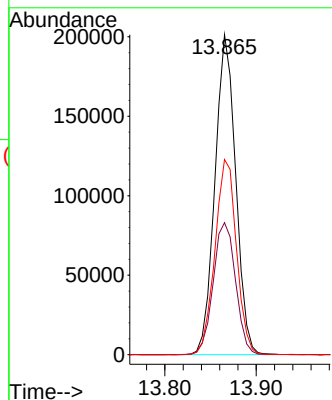
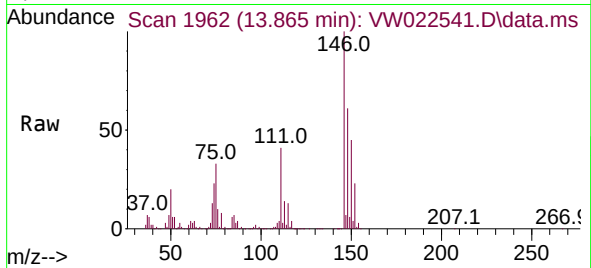




#67
1,2-Dichlorobenzene
Concen: 25.963 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

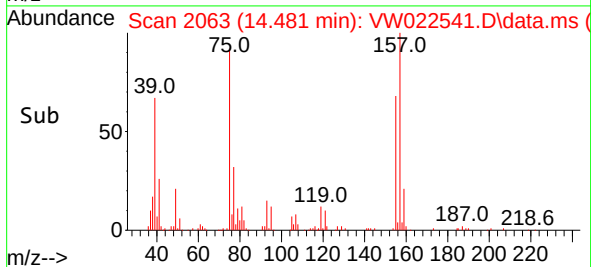
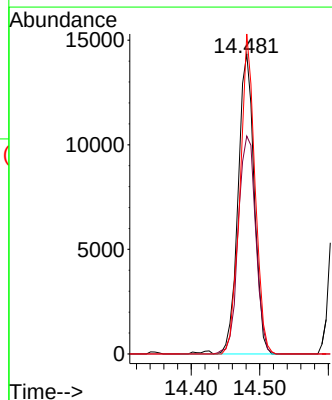
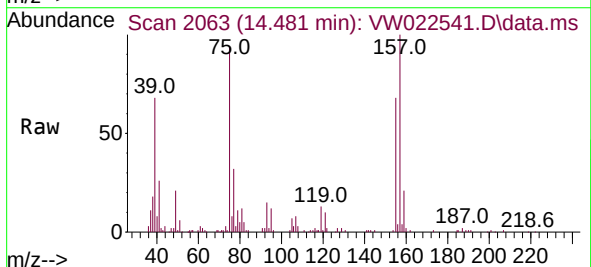
Instrument :
MSVOA_U
ClientSampleId :
VSTD025486

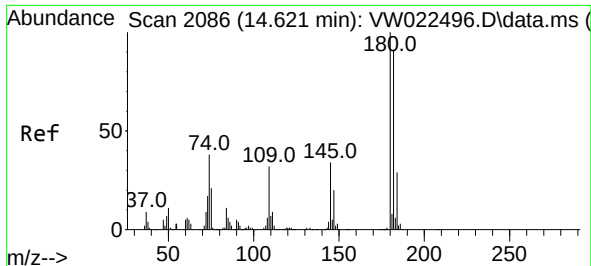
Tgt Ion:146 Resp: 318334
Ion Ratio Lower Upper
146 100
111 41.2 39.0 58.4
148 61.0 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 23.491 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW022541.D
Acq: 14 Apr 2022 09:33

Tgt Ion: 75 Resp: 23568
Ion Ratio Lower Upper
75 100
155 72.6 55.6 83.4
157 106.7 69.8 104.6#





#69

1,3,5-Trichlorobenzene

Concen: 26.131 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD025486

Tgt Ion:180 Resp: 233738

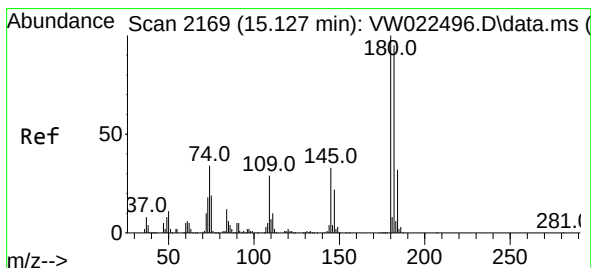
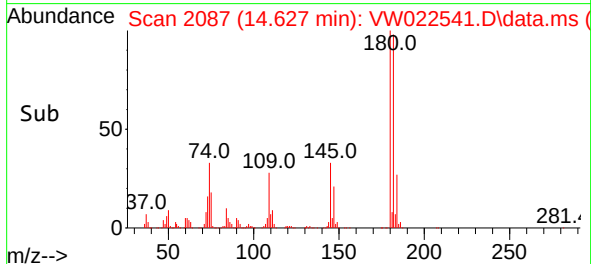
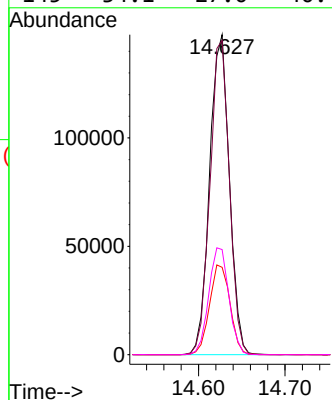
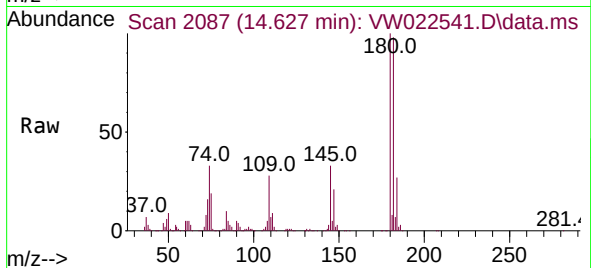
Ion Ratio Lower Upper

180 100

182 96.6 79.1 118.7

184 29.1 24.5 36.7

145 34.1 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 26.732 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

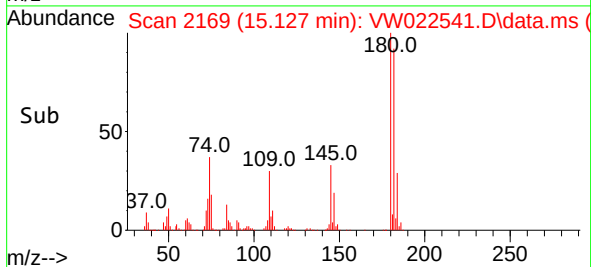
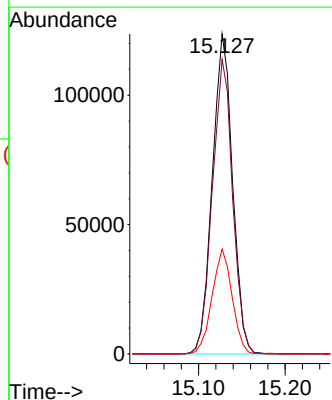
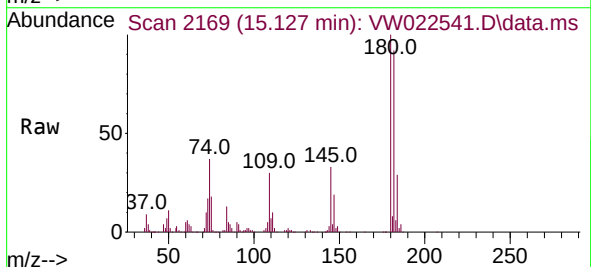
Tgt Ion:180 Resp: 200821

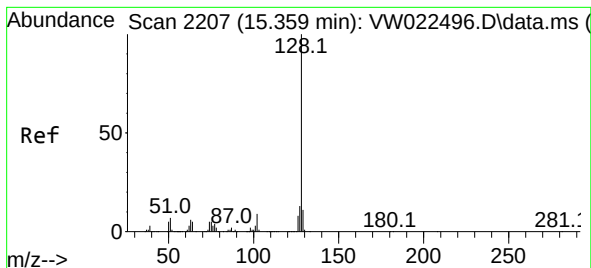
Ion Ratio Lower Upper

180 100

182 92.2 72.8 109.2

145 32.4 25.5 38.3





#71

Naphthalene

Concen: 26.282 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD025486

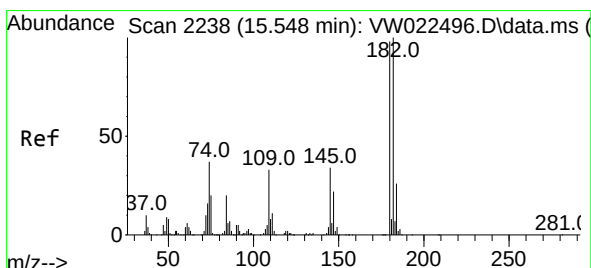
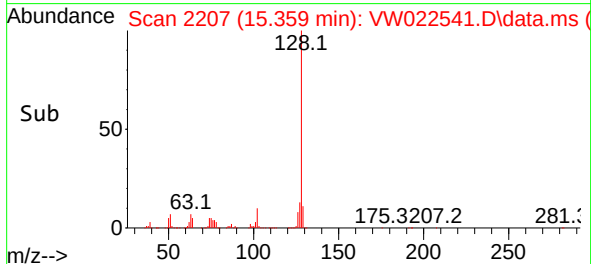
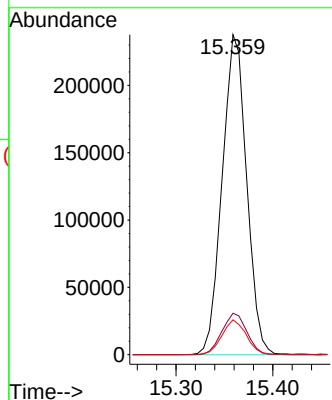
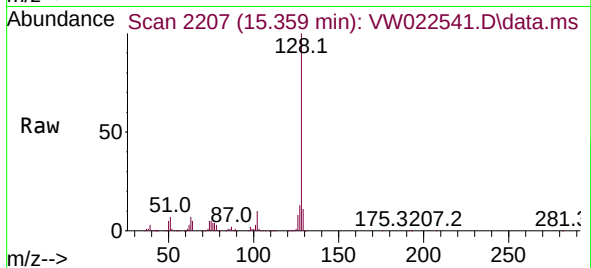
Tgt Ion:128 Resp: 416435

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.075 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022541.D

Acq: 14 Apr 2022 09:33

Tgt Ion:180 Resp: 167433

Ion Ratio Lower Upper

180 100

182 96.1 73.4 110.0

145 35.9 27.0 40.6

