

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050422\
 Data File : VW022812.D
 Acq On : 04 May 2022 19:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: May 04 23:39:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 23:28:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	287349	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	291196	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	161146	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	138057	23.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.680%
7) Chloroethane-d5	2.886	69	106036	27.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.600%
11) 1,1-Dichloroethene-d2	4.026	63	175807	23.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.320%
21) 2-Butanone-d5	7.080	46	59988	53.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.040%
24) Chloroform-d	7.653	84	225502	26.786	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.160%
26) 1,2-Dichloroethane-d4	8.305	65	124223	26.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	8.275	84	433476	25.826	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.320%
36) 1,2-Dichloropropane-d6	9.275	67	126201	26.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.080%
41) Toluene-d8	10.323	98	416502	25.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	10.579	79	52935	24.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.520%
47) 2-Hexanone-d5	10.921	63	49011	54.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.900%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	120798	27.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	151027	26.811	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	40210	25.670	ug/L	99
3) Chloromethane	2.221	50	77908	25.738	ug/L	94
5) Vinyl chloride	2.361	62	151608	24.957	ug/L	99
6) Bromomethane	2.776	94	99129	25.415	ug/L	93
8) Chloroethane	2.922	64	81822	27.925	ug/L	99
9) Trichlorofluoromethane	3.257	101	58958	21.234	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	98453	23.714	ug/L #	69
12) 1,1-Dichloroethene	4.050	96	88167	23.956	ug/L	88
13) Acetone	4.123	43	33735	40.199	ug/L	97
14) Carbon disulfide	4.385	76	218285	21.634	ug/L	98
15) Methyl Acetate	4.678	43	42057	24.945	ug/L	99
16) Methylene chloride	4.922	84	102780	24.444	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	101197	24.434	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	167240	26.452	ug/L	99
19) 1,1-Dichloroethane	6.214	63	183940	26.205	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	114227	25.678	ug/L #	95
22) 2-Butanone	7.171	43	56458	48.106	ug/L	97
23) Bromochloromethane	7.513	128	54254	26.042	ug/L	94
25) Chloroform	7.677	83	209296	26.965	ug/L	97

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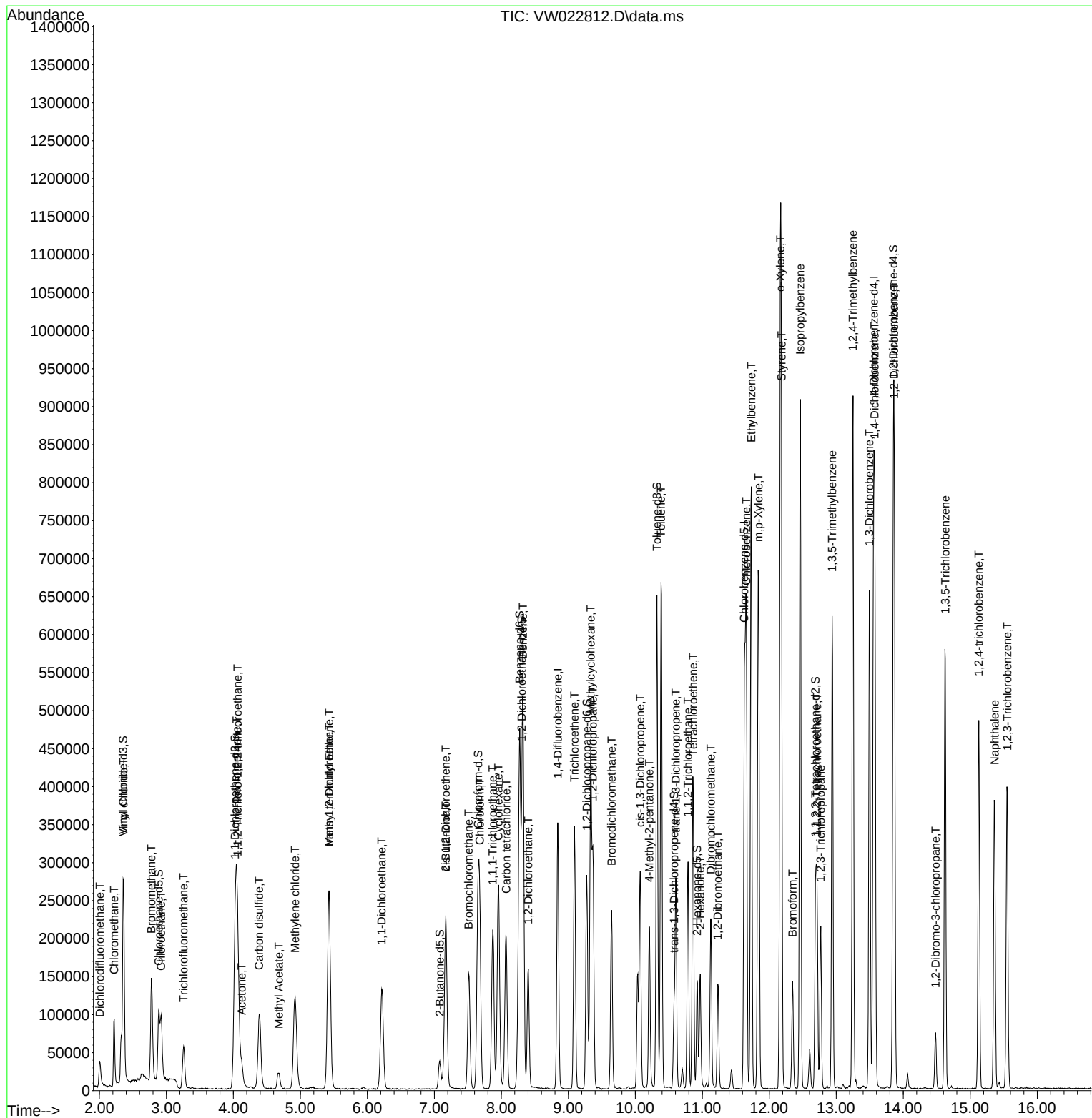
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	139132	26.891	ug/L	99
29) Cyclohexane	7.958	56	144707	22.978	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	168480	24.483	ug/L	98
31) Carbon tetrachloride	8.074	117	153501	23.846	ug/L	97
33) Benzene	8.324	78	435364	25.379	ug/L	100
34) Trichloroethene	9.092	95	115078	24.393	ug/L	97
35) Methylcyclohexane	9.336	83	178176	22.990	ug/L	98
37) 1,2-Dichloropropane	9.366	63	107105	25.800	ug/L	100
38) Bromodichloromethane	9.646	83	153228	25.987	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	162586	25.258	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	132807	50.756	ug/L	99
42) Toluene	10.384	91	497965	25.902	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	146090	25.427	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	89926	25.913	ug/L	98
46) Tetrachloroethene	10.866	164	85159	24.020	ug/L	88
48) 2-Hexanone	10.969	43	88943	50.875	ug/L	98
49) Dibromochloromethane	11.128	129	108308	25.931	ug/L	96
50) 1,2-Dibromoethane	11.232	107	88981	25.535	ug/L	94
51) Chlorobenzene	11.658	112	327277	25.822	ug/L	98
52) Ethylbenzene	11.731	91	565798	26.454	ug/L	95
53) m,p-Xylene	11.841	106	223173	26.482	ug/L	99
54) o-Xylene	12.164	106	213479	26.398	ug/L	91
55) Styrene	12.183	104	377975	27.505	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	111991	25.837	ug/L	99
59) Bromoform	12.347	173	58494	25.613	ug/L	99
60) Isopropylbenzene	12.463	105	594212	26.916	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	82319	25.566	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	327579	26.672	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	498789	27.047	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	258484	26.225	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	257271	25.270	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	241101	26.731	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17765	25.245	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	166535	25.454	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	137771	26.178	ug/L	98
71) Naphthalene	15.365	128	322365	28.182	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	126780	27.180	ug/L	99

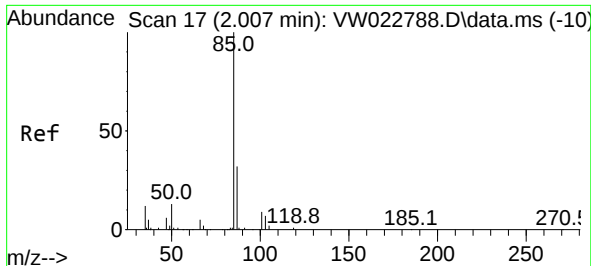
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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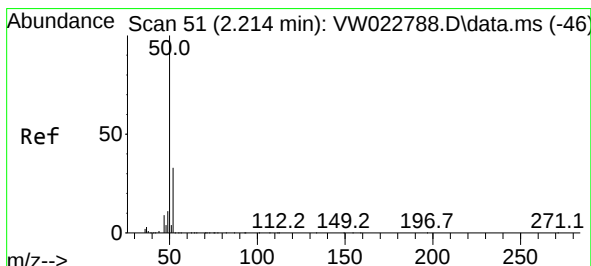
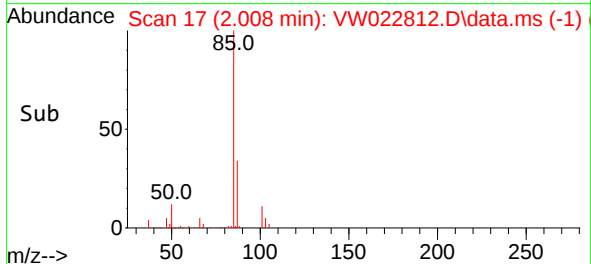
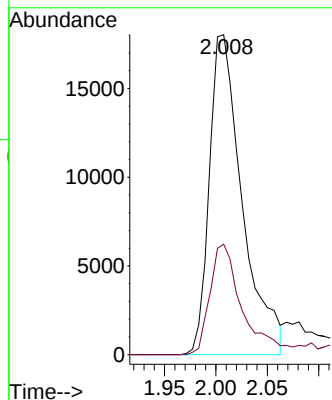
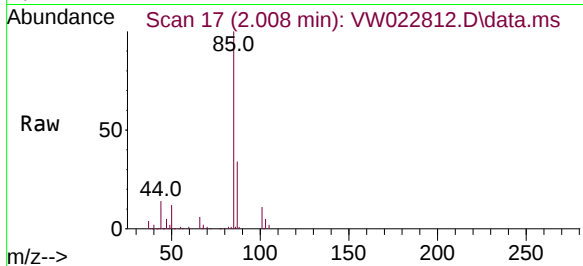




#2
 Dichlorodifluoromethane
 Concen: 25.670 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW022812.D
 Acq: 04 May 2022 19:18

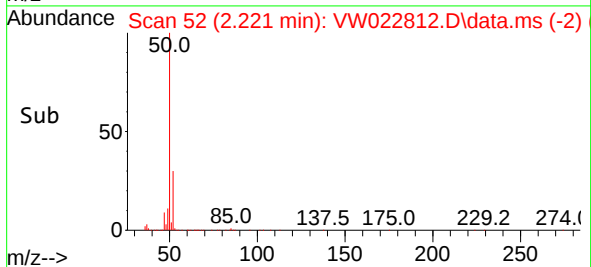
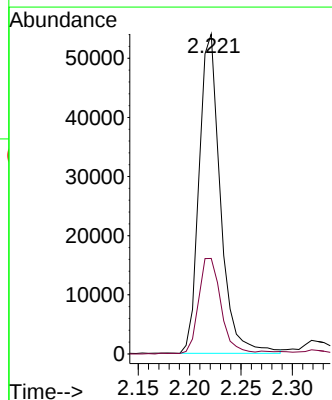
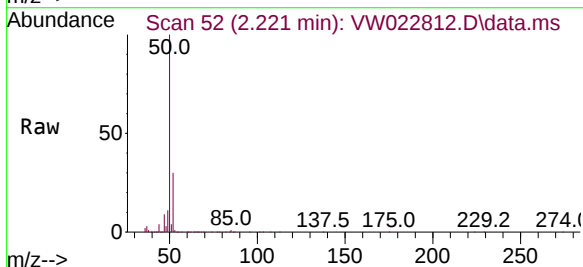
Instrument :
 MSVOA_W
 ClientSampleId :
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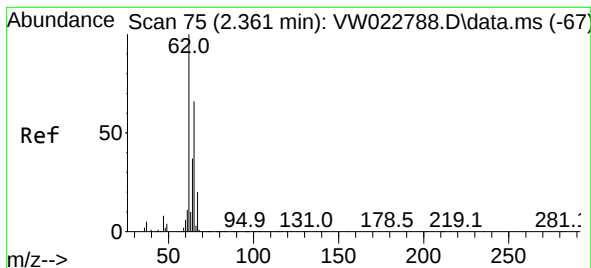
Tgt Ion: 85 Resp: 40210
 Ion Ratio Lower Upper
 85 100
 87 34.0 27.8 41.8



#3
 Chloromethane
 Concen: 25.738 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.007 min
 Lab File: VW022812.D
 Acq: 04 May 2022 19:18

Tgt Ion: 50 Resp: 77908
 Ion Ratio Lower Upper
 50 100
 52 29.9 23.1 42.9





#5

Vinyl chloride

Concen: 24.957 ug/L

RT: 2.361 min Scan# 75

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

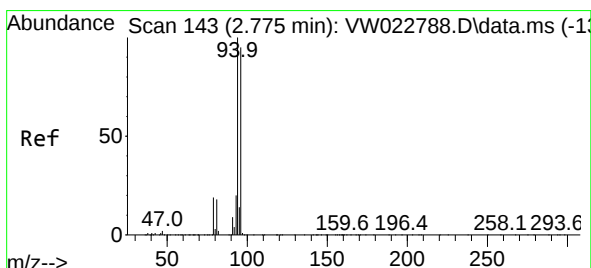
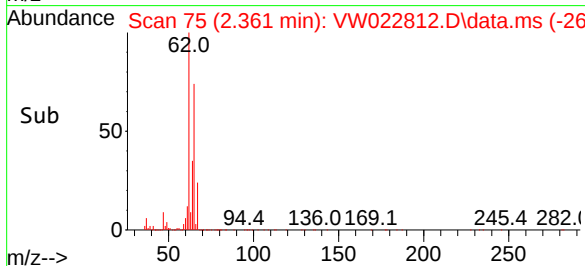
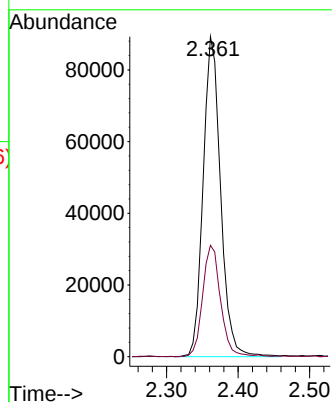
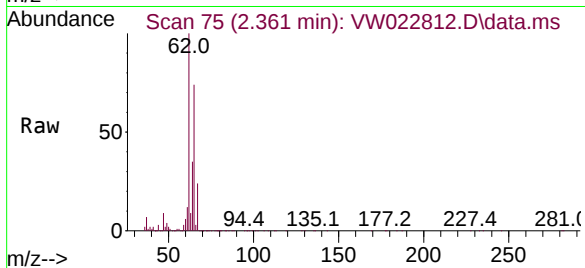
VSTD025514

Tgt Ion: 62 Resp: 151608

Ion Ratio Lower Upper

62 100

64 34.8 24.9 46.3



#6

Bromomethane

Concen: 25.415 ug/L

RT: 2.776 min Scan# 143

Delta R.T. 0.000 min

Lab File: VW022812.D

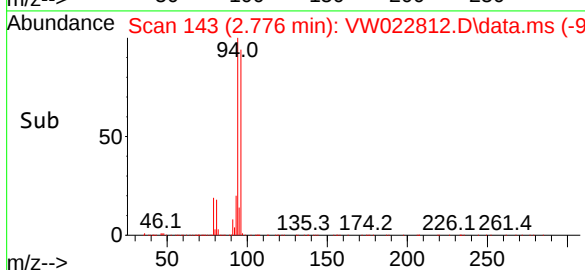
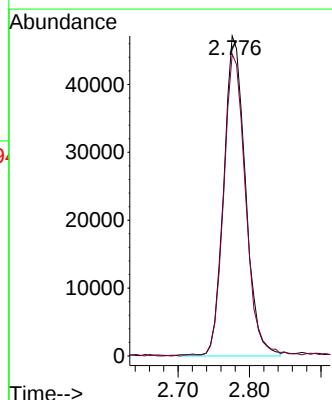
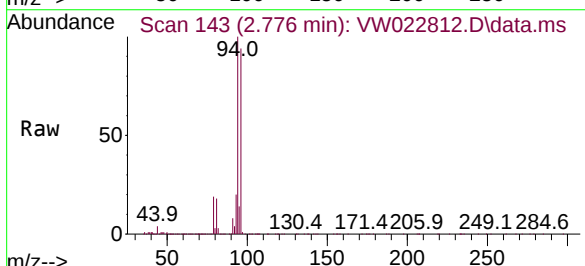
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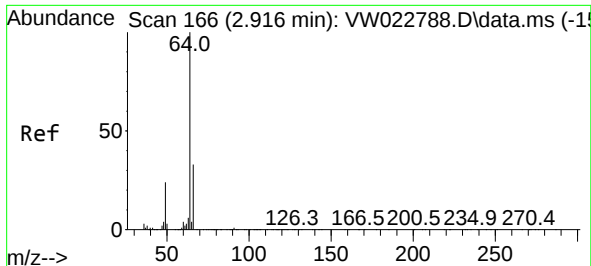
Tgt Ion: 94 Resp: 99129

Ion Ratio Lower Upper

94 100

96 94.3 61.7 114.5

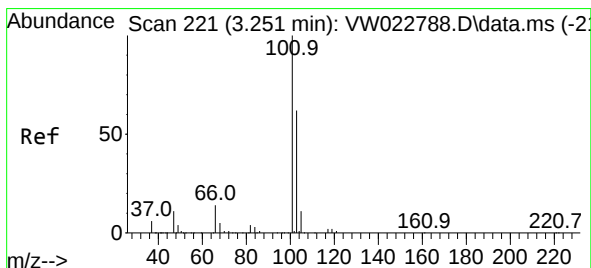
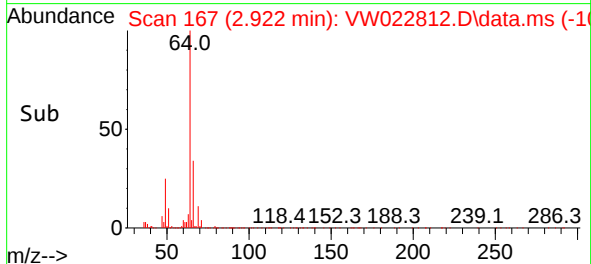
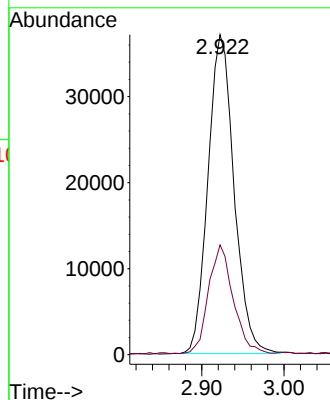
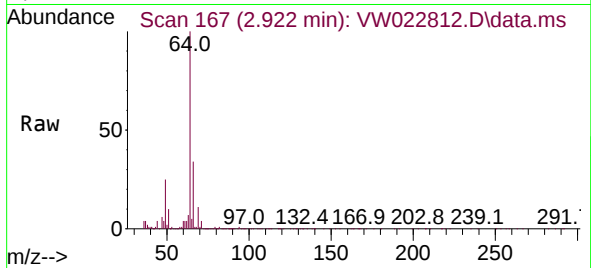




#8
Chloroethane
Concen: 27.925 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

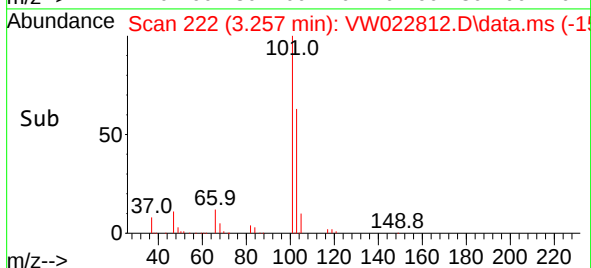
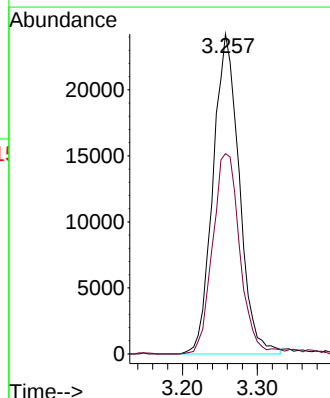
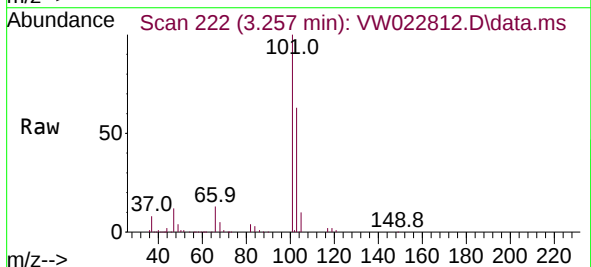
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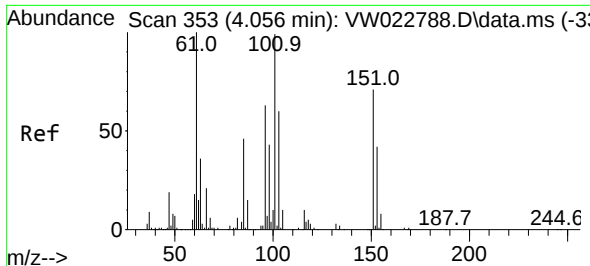
Tgt Ion: 64 Resp: 81822
Ion Ratio Lower Upper
64 100
66 34.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.234 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 101 Resp: 58958
Ion Ratio Lower Upper
101 100
103 64.3 53.9 80.9

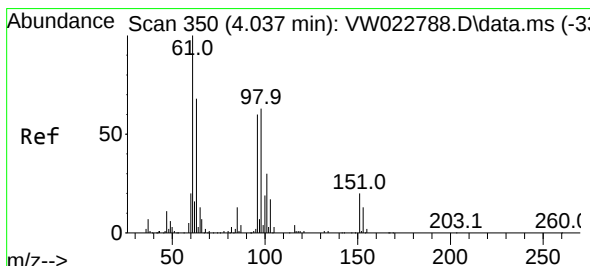
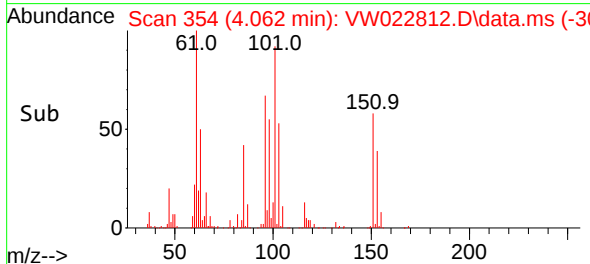
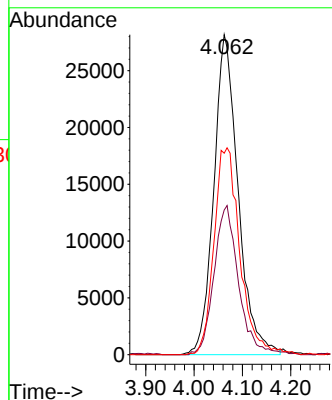
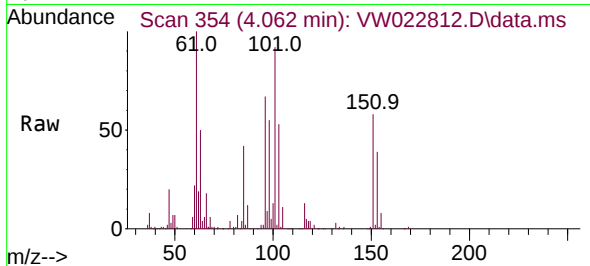




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.714 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.007 min
 Lab File: VW022812.D
 Acq: 04 May 2022 19:18

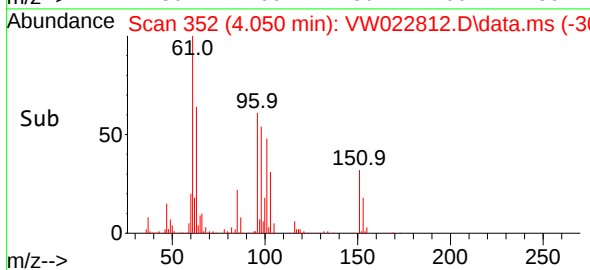
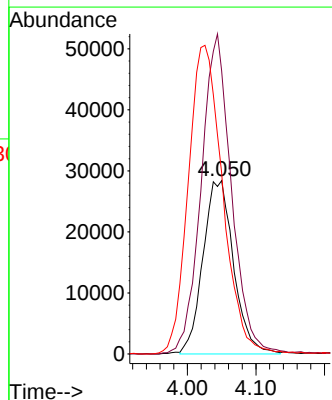
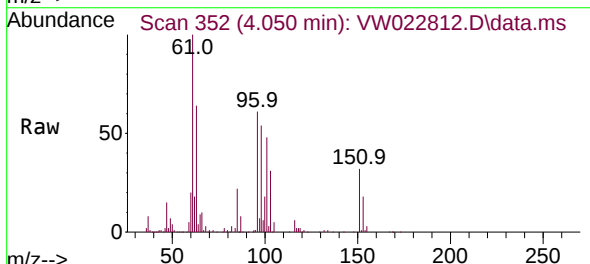
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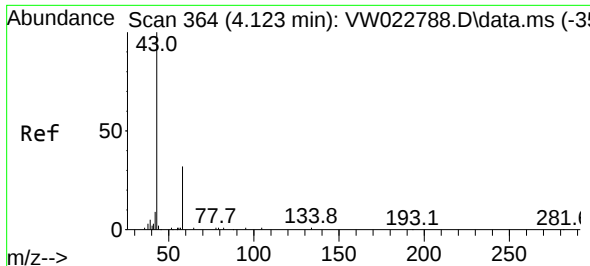
Tgt Ion:101 Resp: 98453
 Ion Ratio Lower Upper
 101 100
 85 46.8 34.3 51.5
 151 29.8 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 23.956 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.013 min
 Lab File: VW022812.D
 Acq: 04 May 2022 19:18

Tgt Ion: 96 Resp: 88167
 Ion Ratio Lower Upper
 96 100
 61 163.4 125.7 233.5
 63 104.6 83.4 155.0

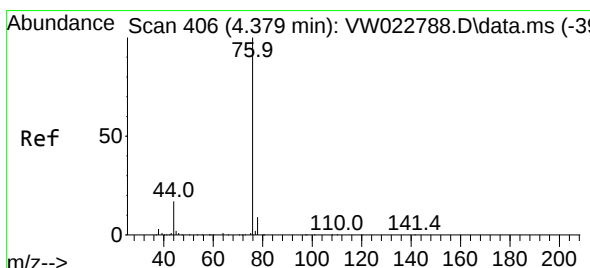
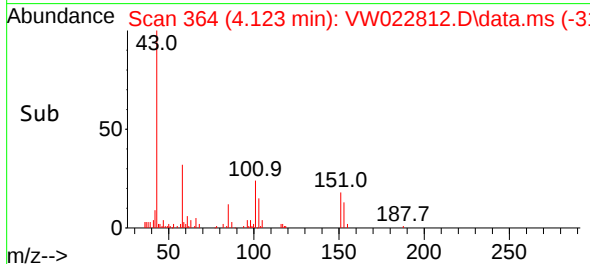
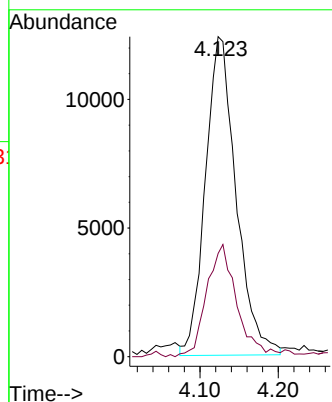
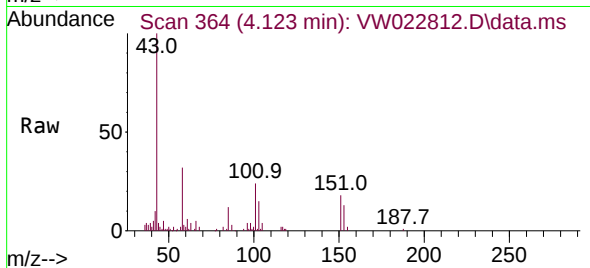




#13
Acetone
Concen: 40.199 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
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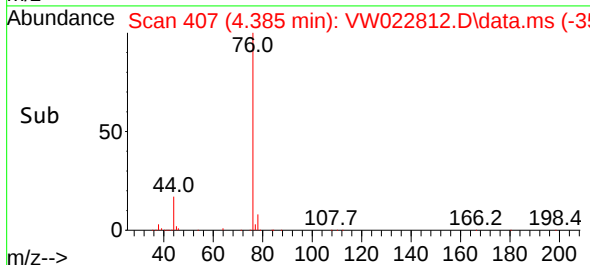
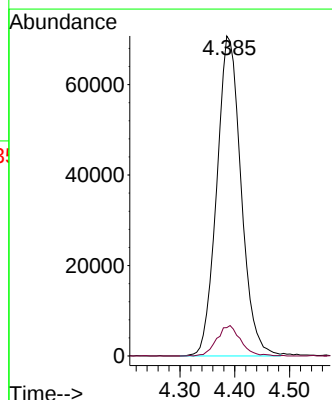
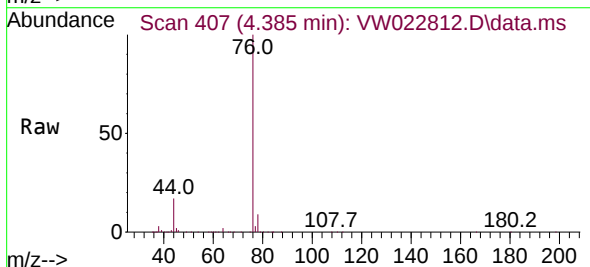
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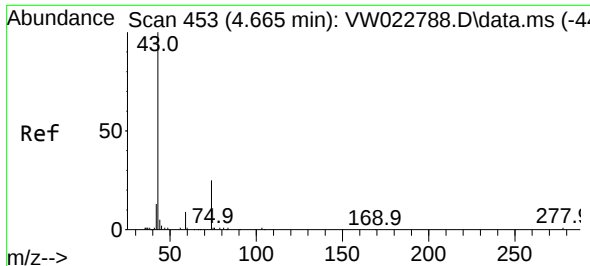
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Ion Ratio Lower Upper
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58 33.9 0.0 64.0



#14
Carbon disulfide
Concen: 21.634 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 76 Resp: 218285
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5

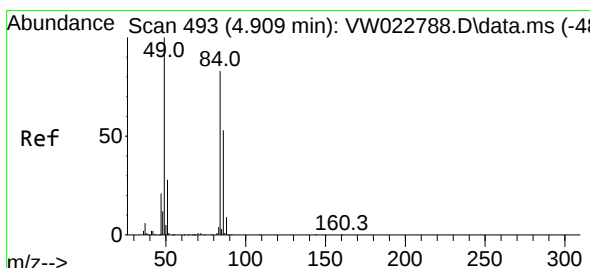
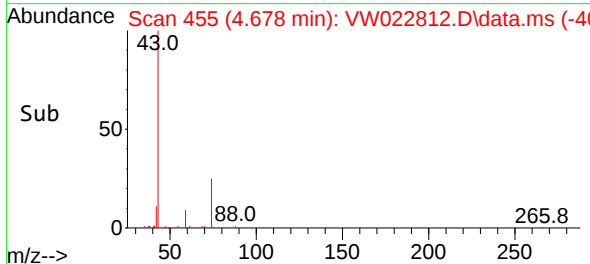
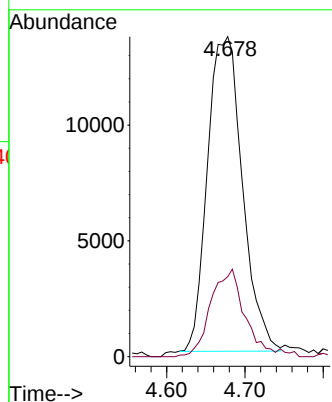
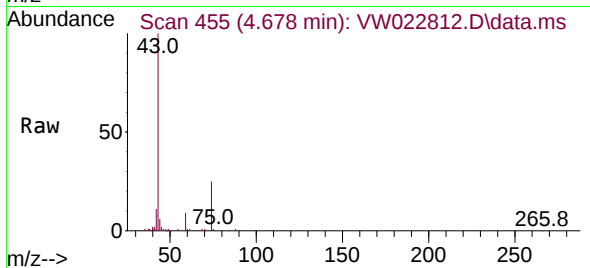




#15
Methyl Acetate
Concen: 24.945 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.013 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

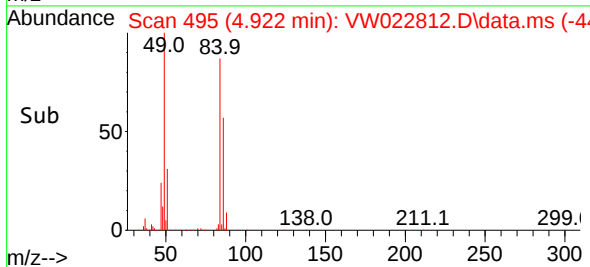
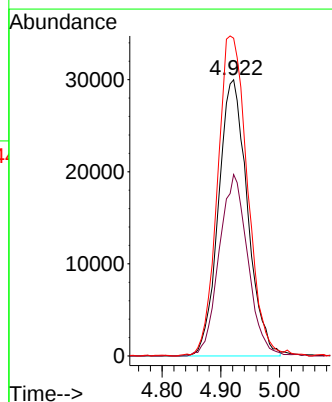
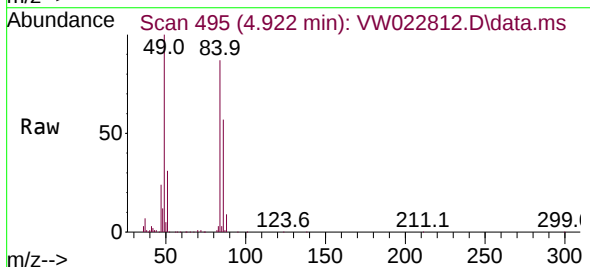
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

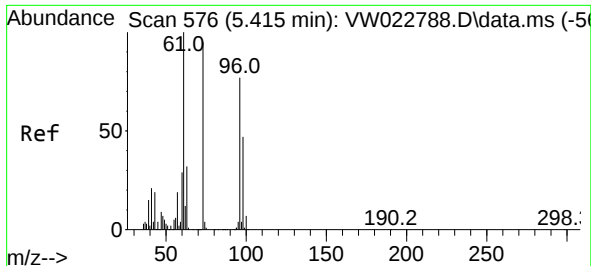
Tgt Ion: 43 Resp: 42057
Ion Ratio Lower Upper
43 100
74 26.8 21.9 32.9



#16
Methylene chloride
Concen: 24.444 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.013 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 84 Resp: 102780
Ion Ratio Lower Upper
84 100
86 65.7 45.4 84.4
49 115.0 82.5 153.1

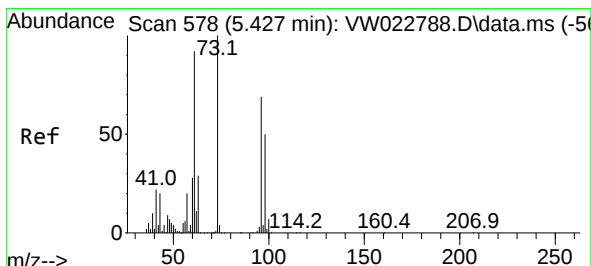
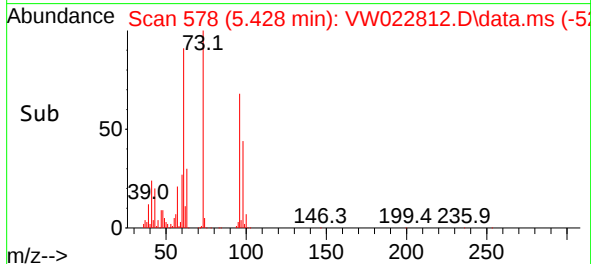
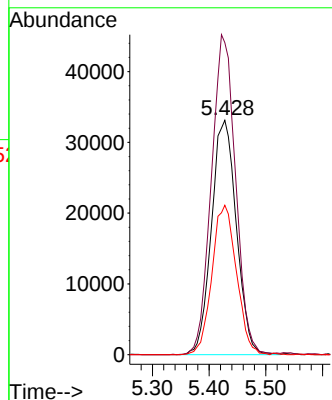
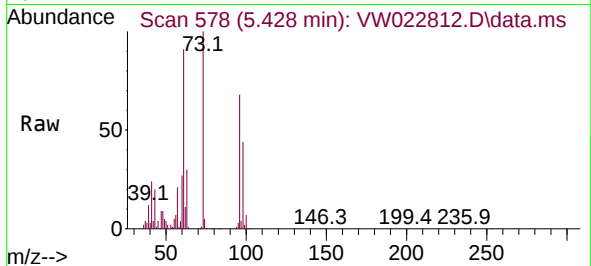




#17
trans-1,2-Dichloroethene
Concen: 24.434 ug/L
RT: 5.428 min Scan# 576
Delta R.T. 0.013 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

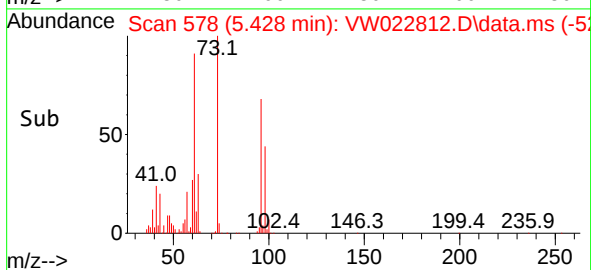
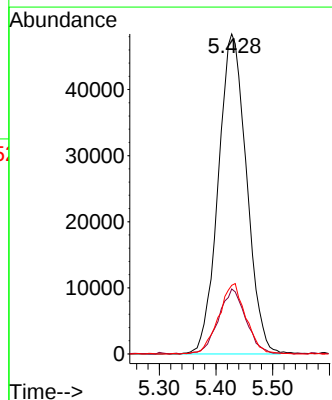
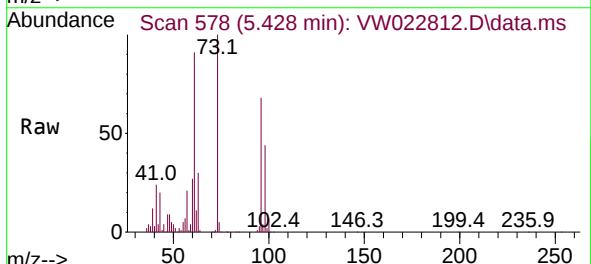
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

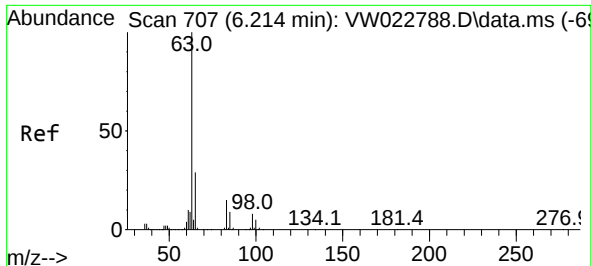
Tgt Ion: 96 Resp: 101197
Ion Ratio Lower Upper
96 100
61 133.1 92.2 171.2
98 63.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.452 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 73 Resp: 167240
Ion Ratio Lower Upper
73 100
43 19.7 15.9 23.9
57 21.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.205 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

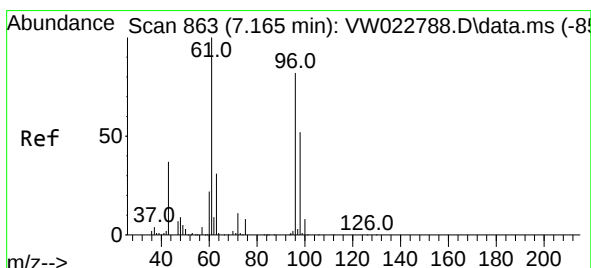
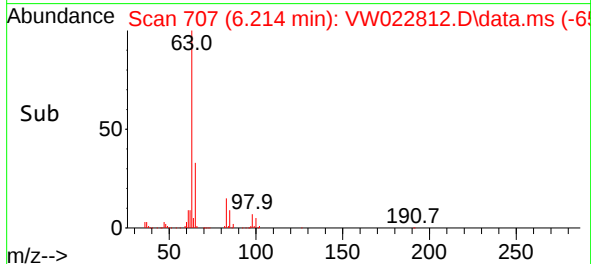
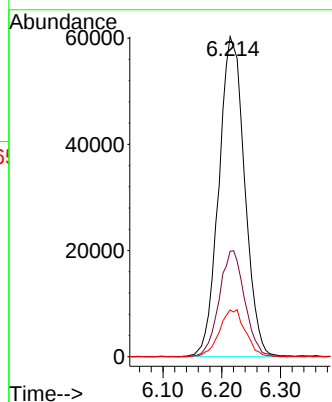
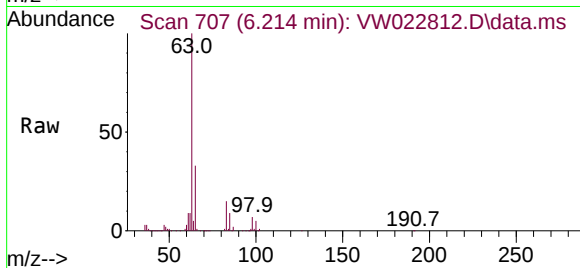
Tgt Ion: 63 Resp: 183940

Ion Ratio Lower Upper

63 100

65 32.9 23.3 43.3

83 14.6 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.678 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.007 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

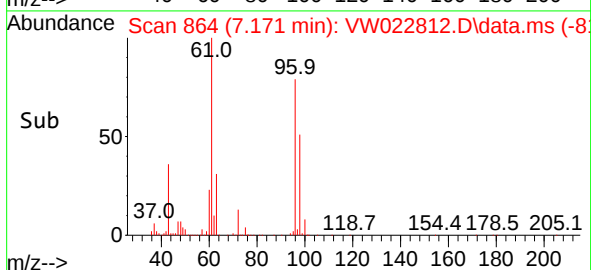
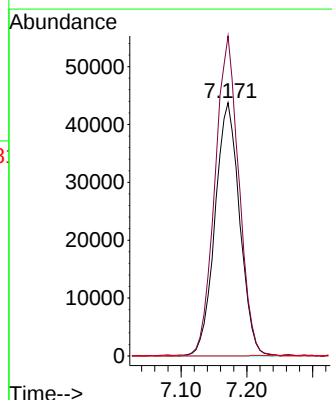
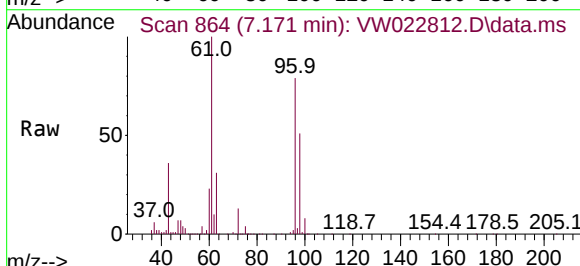
Tgt Ion: 96 Resp: 114227

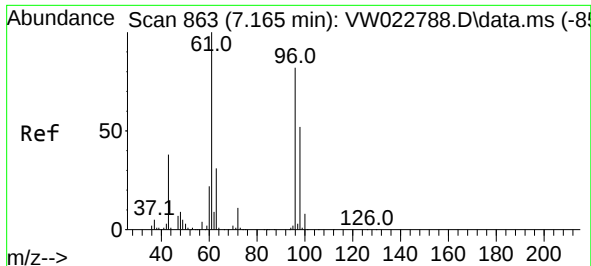
Ion Ratio Lower Upper

96 100

61 126.3 84.2 156.4

68 0.0 0.1 0.1#

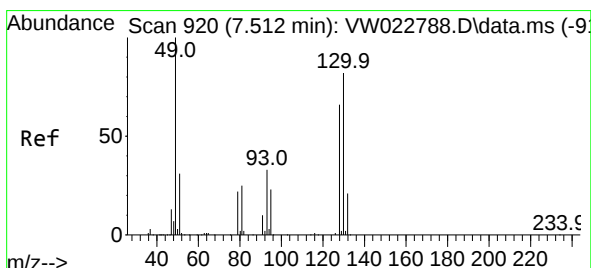
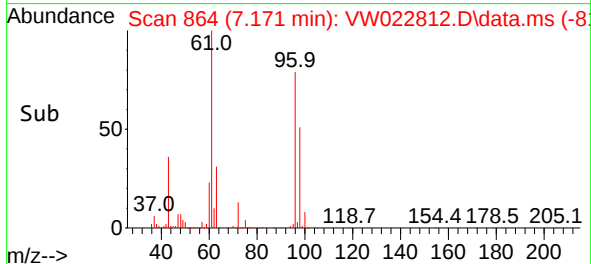
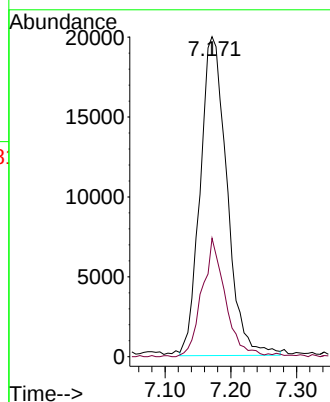
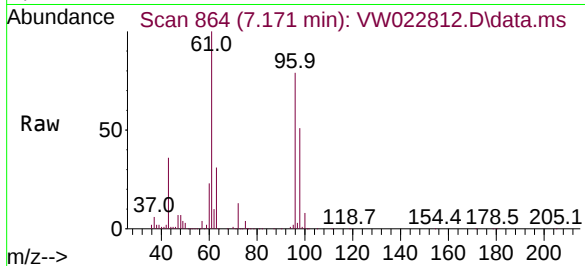




#22
2-Butanone
Concen: 48.106 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

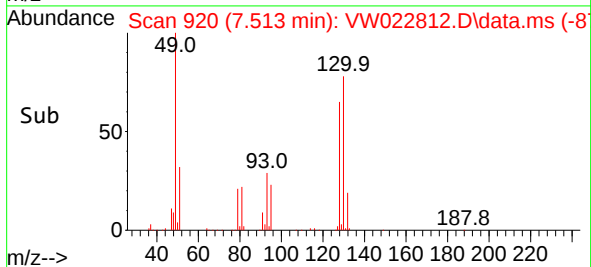
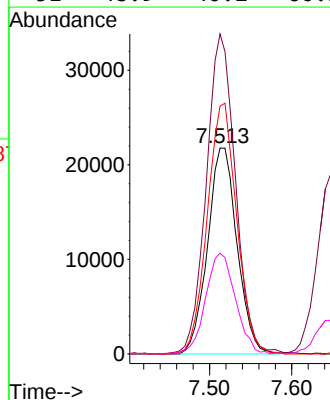
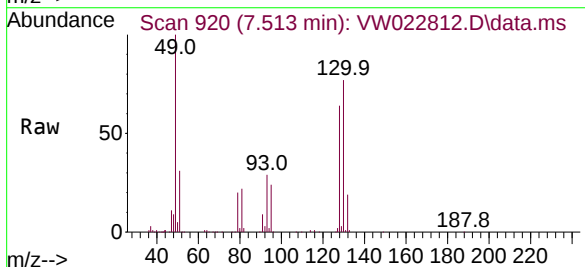
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

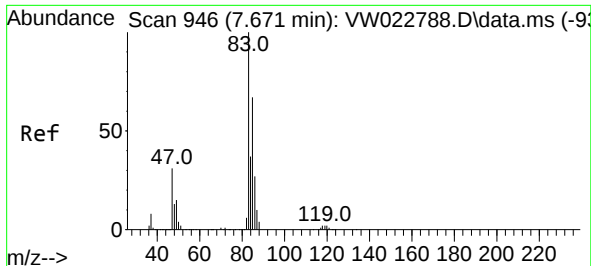
Tgt Ion: 43 Resp: 56458
Ion Ratio Lower Upper
43 100
72 31.6 15.1 45.3



#23
Bromochloromethane
Concen: 26.042 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 128 Resp: 54254
Ion Ratio Lower Upper
128 100
49 155.4 110.0 204.4
130 120.4 94.8 176.0
51 48.9 40.2 60.2

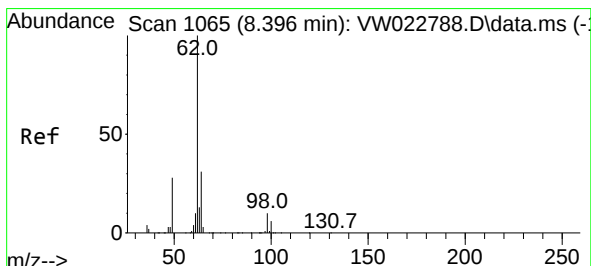
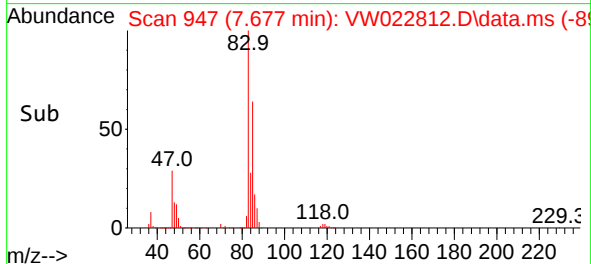
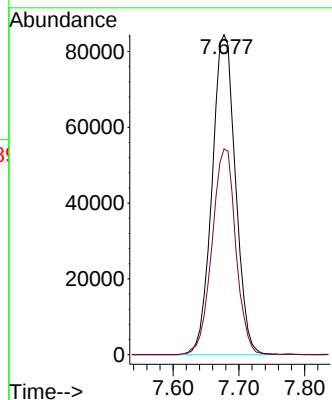
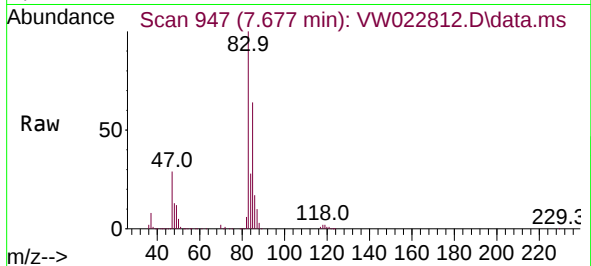




#25
Chloroform
Concen: 26.965 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

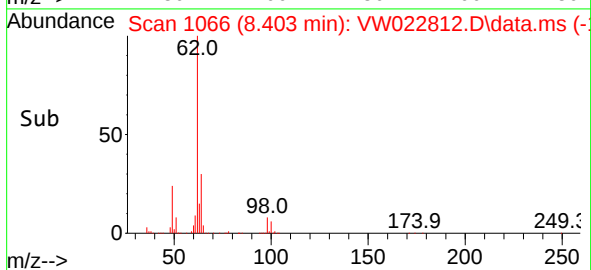
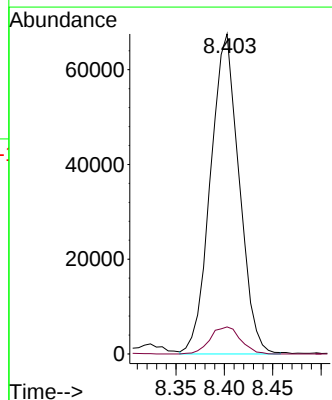
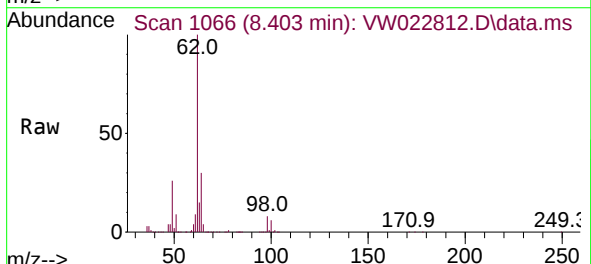
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

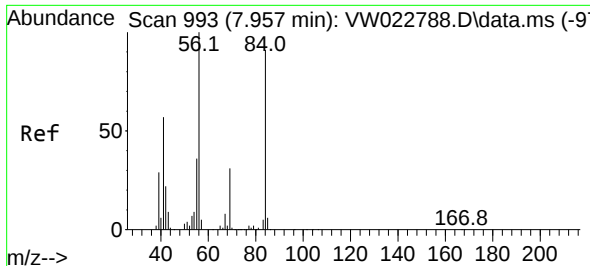
Tgt Ion: 83 Resp: 209296
Ion Ratio Lower Upper
83 100
85 64.3 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.891 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 62 Resp: 139132
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8





#29

Cyclohexane

Concen: 22.978 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

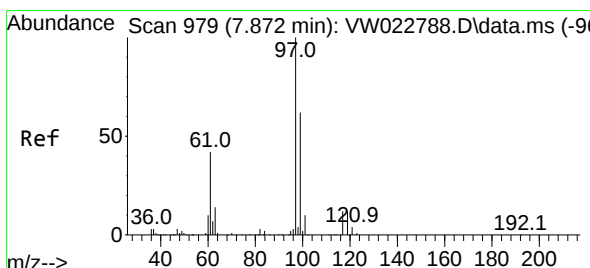
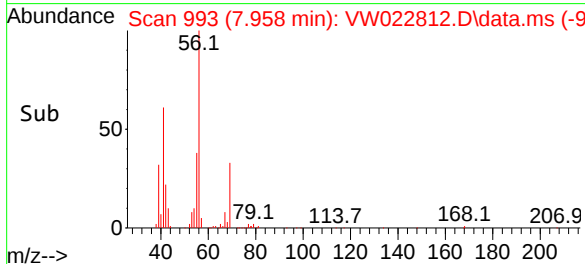
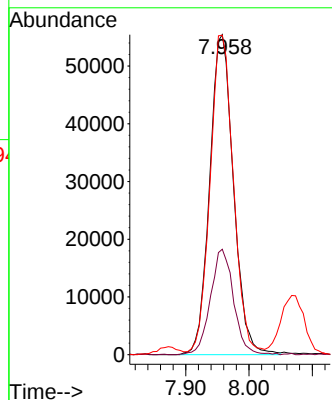
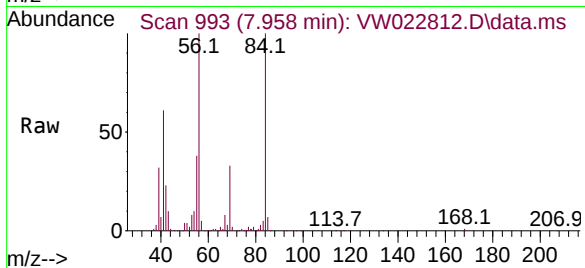
Tgt Ion: 56 Resp: 144707

Ion Ratio Lower Upper

56 100

69 31.9 25.6 38.4

84 97.9 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 24.483 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

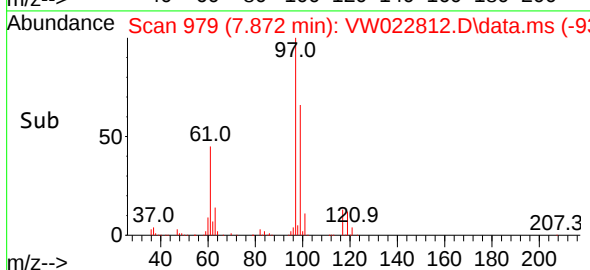
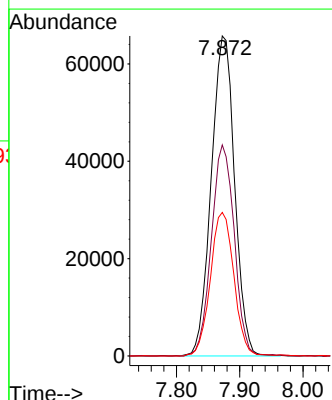
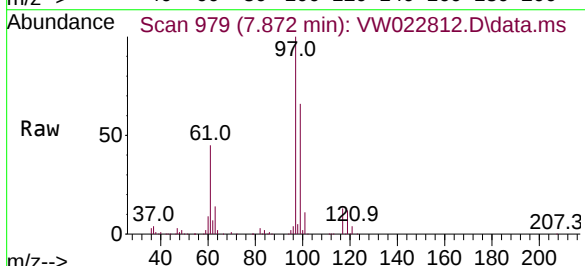
Tgt Ion: 97 Resp: 168480

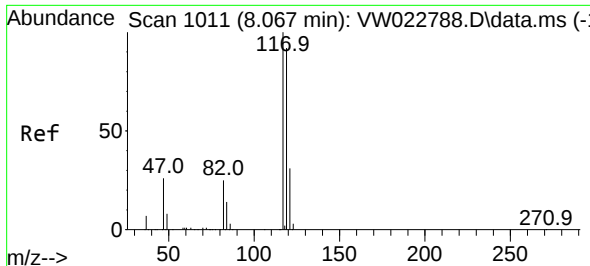
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 45.1 34.8 52.2

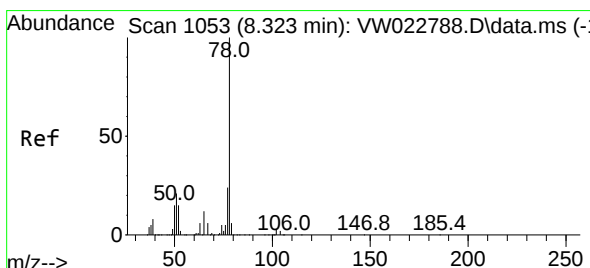
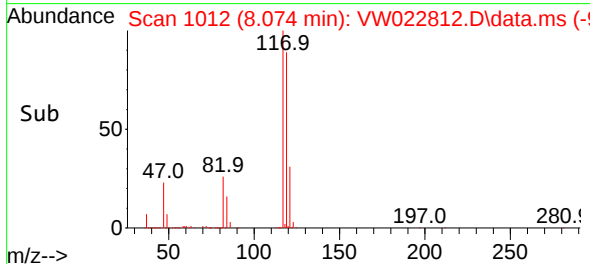
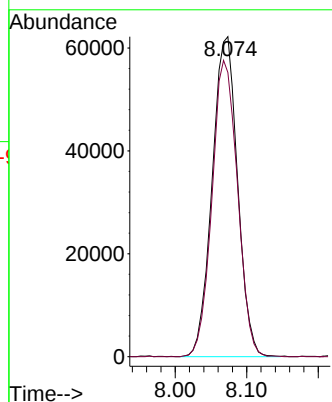
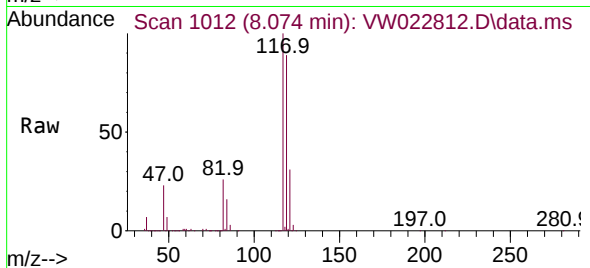




#31
Carbon tetrachloride
Concen: 23.846 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

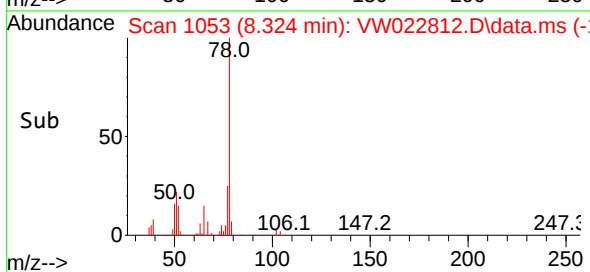
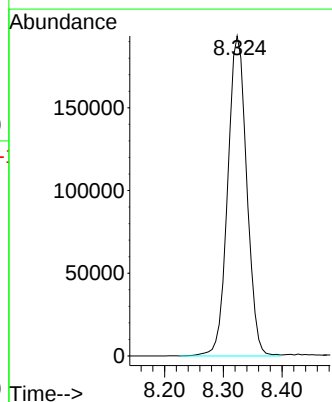
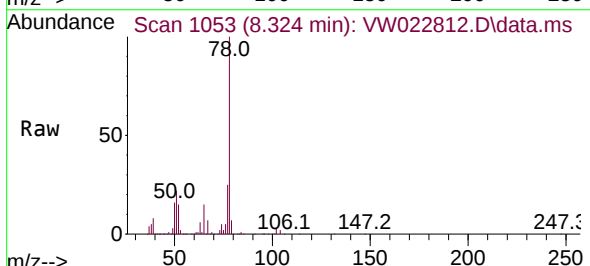
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

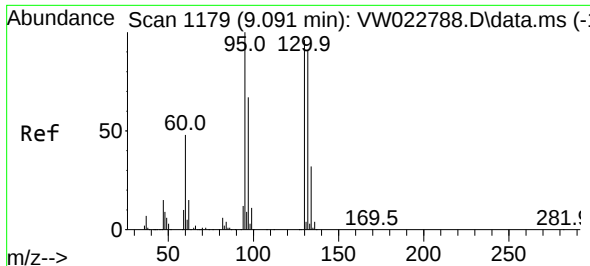
Tgt Ion:117 Resp: 153501
Ion Ratio Lower Upper
117 100
119 92.7 76.6 115.0



#33
Benzene
Concen: 25.379 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 78 Resp: 435364



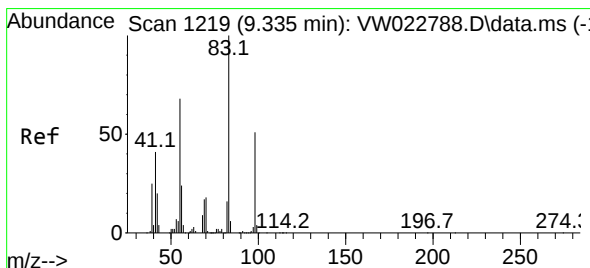
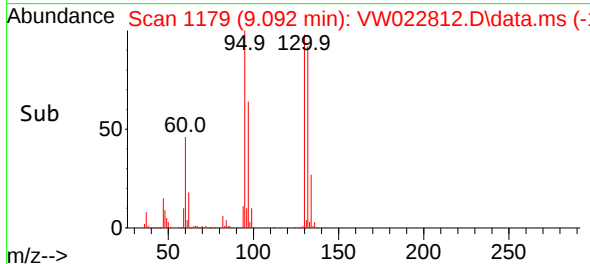
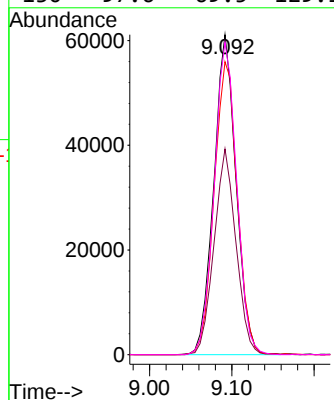
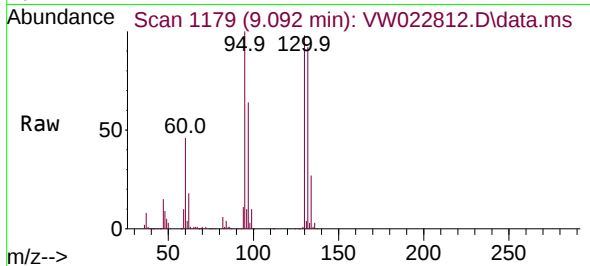


#34
Trichloroethene
Concen: 24.393 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

Tgt Ion: 95 Resp: 115078

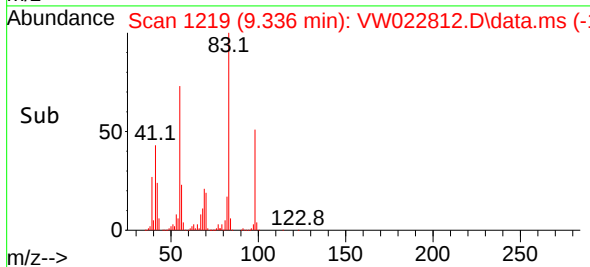
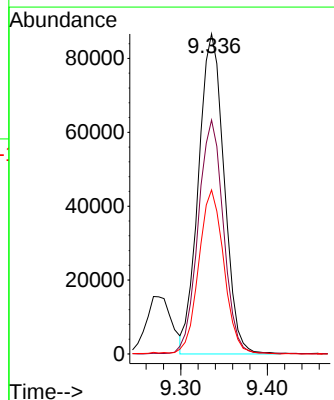
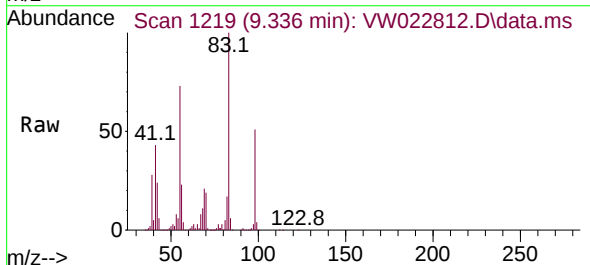
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.1	85.7
132	91.5	66.9	124.3
130	97.6	69.5	129.1

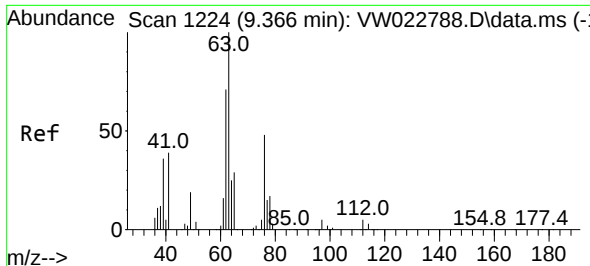


#35
Methylcyclohexane
Concen: 22.990 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 83 Resp: 178176

Ion	Ratio	Lower	Upper
83	100		
55	72.0	55.1	82.7
98	50.3	40.4	60.6





#37

1,2-Dichloropropane

Concen: 25.800 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

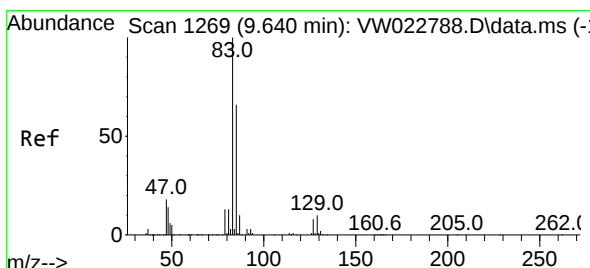
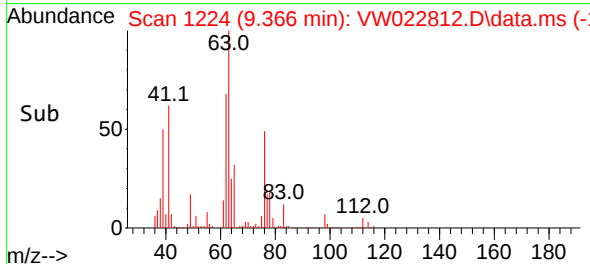
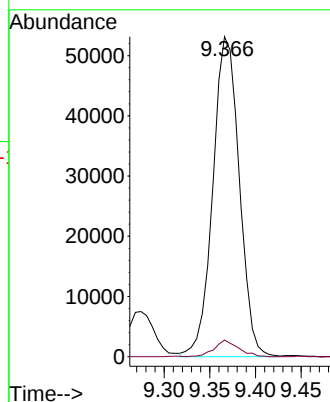
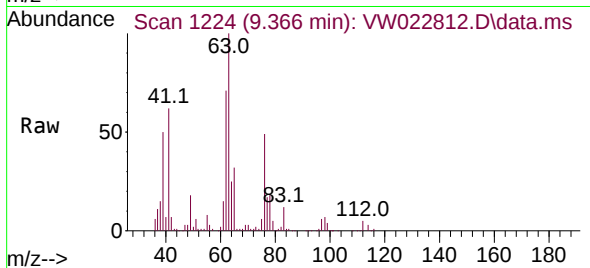
VSTD025514

Tgt Ion: 63 Resp: 107105

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 25.987 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.007 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

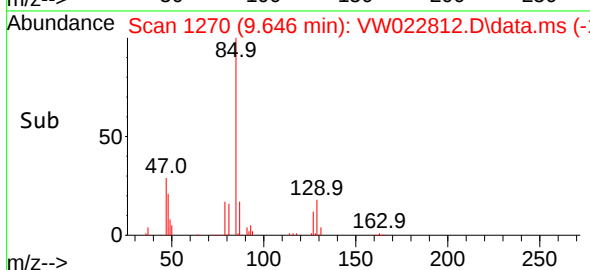
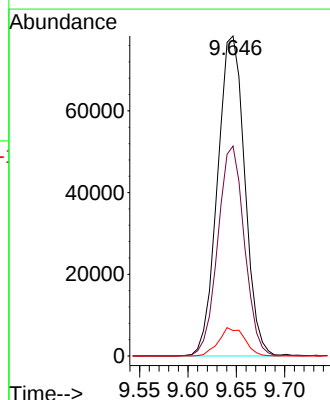
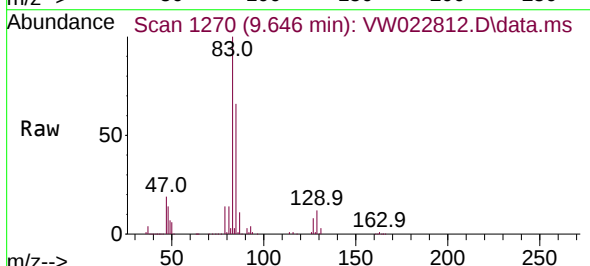
Tgt Ion: 83 Resp: 153228

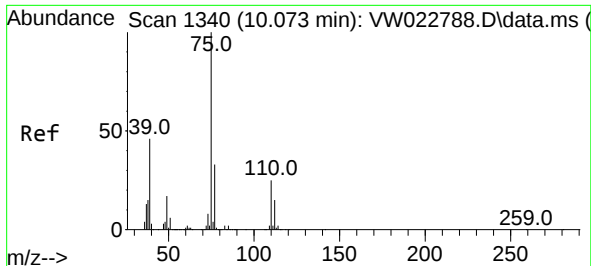
Ion Ratio Lower Upper

83 100

85 65.6 43.5 80.7

127 8.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.258 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

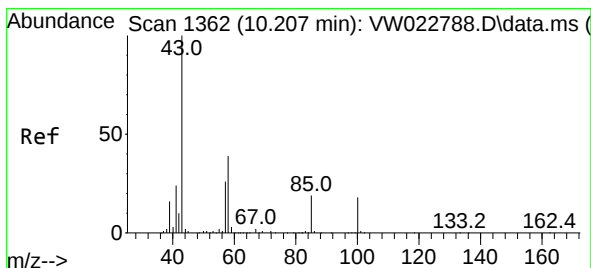
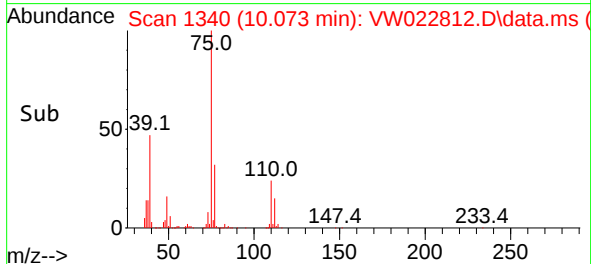
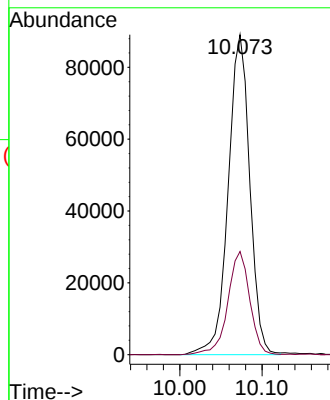
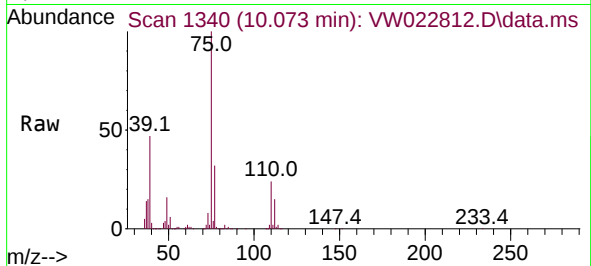
VSTD025514

Tgt Ion: 75 Resp: 162586

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.756 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

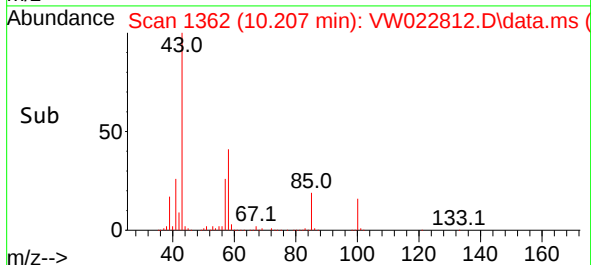
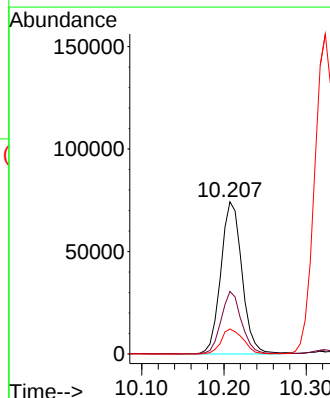
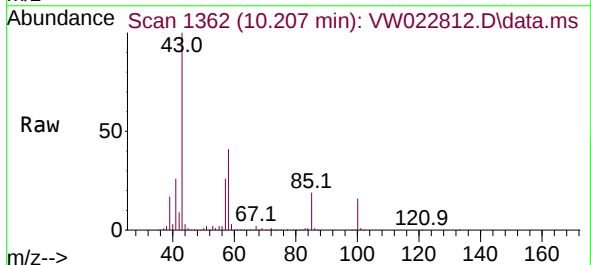
Tgt Ion: 43 Resp: 132807

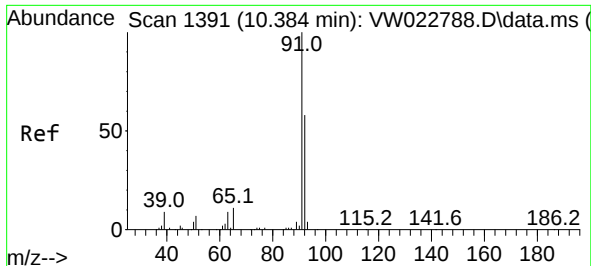
Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.2

100 17.0 14.2 21.4

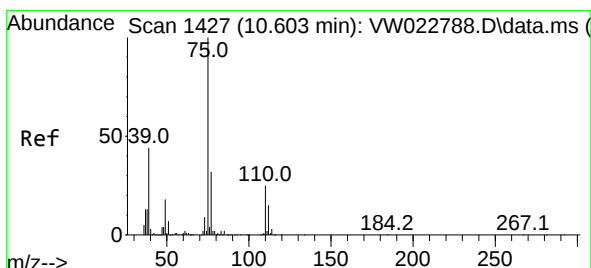
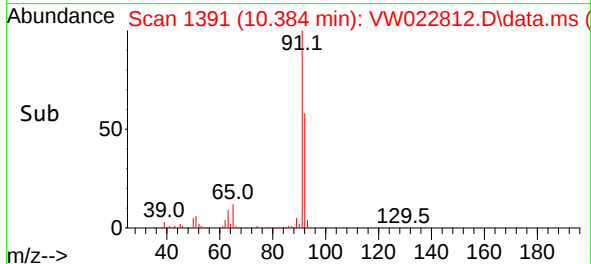
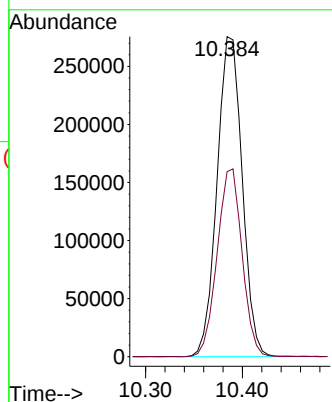
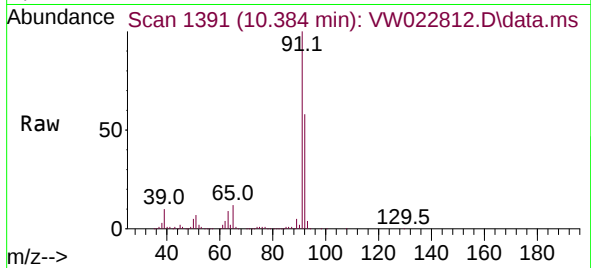




#42
Toluene
Concen: 25.902 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

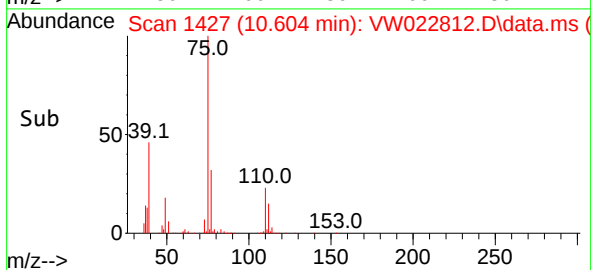
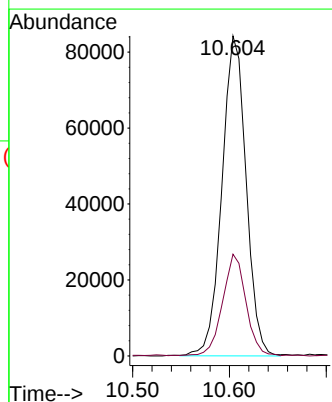
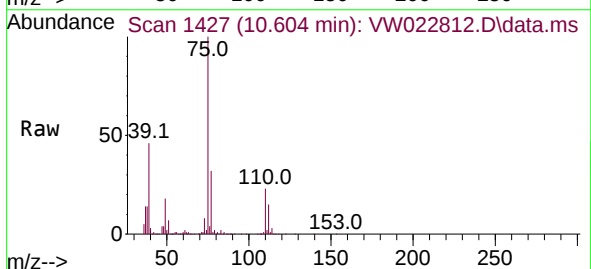
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

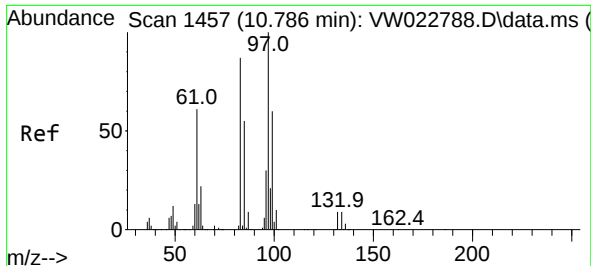
Tgt Ion: 91 Resp: 497965
Ion Ratio Lower Upper
91 100
92 57.8 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.427 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 75 Resp: 146090
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8

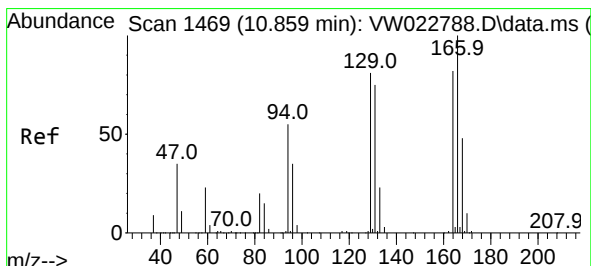
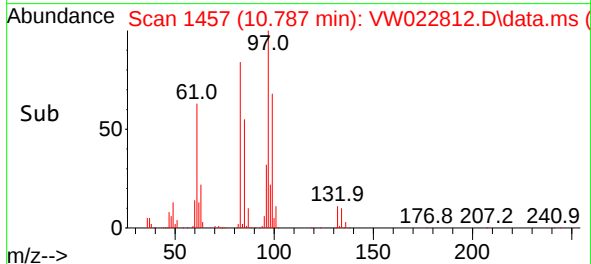
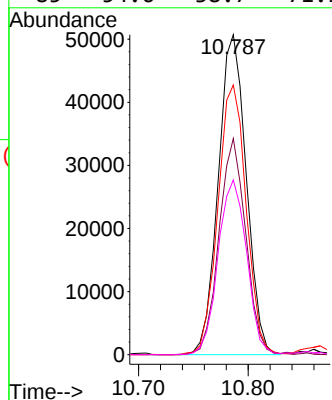
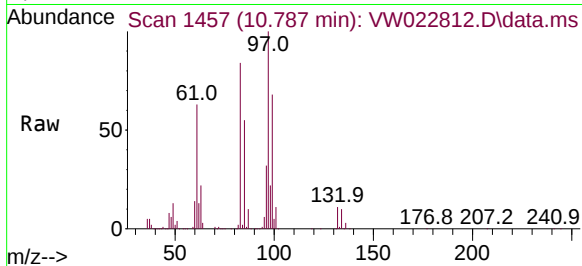




#45
1,1,2-Trichloroethane
Concen: 25.913 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

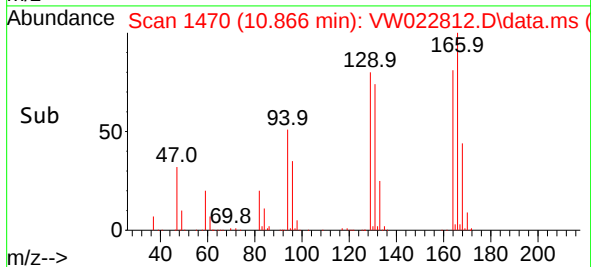
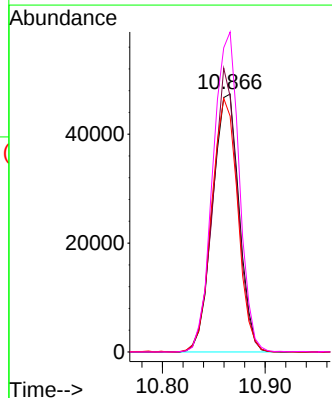
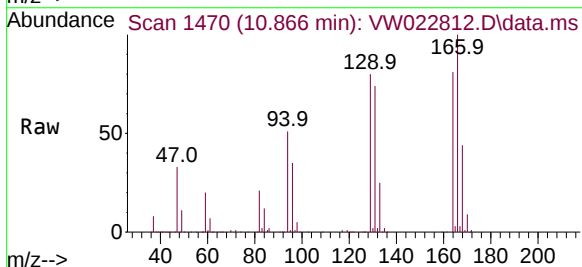
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

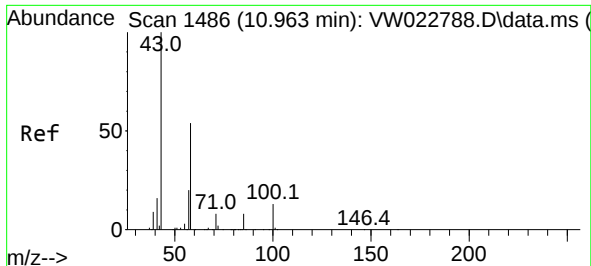
Tgt Ion:	97	Resp:	89926
Ion	Ratio	Lower	Upper
97	100		
99	67.6	44.7	82.9
83	84.3	58.4	108.4
85	54.6	38.7	71.9



#46
Tetrachloroethene
Concen: 24.020 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion:	164	Resp:	85159
Ion	Ratio	Lower	Upper
164	100		
129	99.0	76.9	142.7
131	91.4	75.1	139.5
166	124.0	96.0	178.2

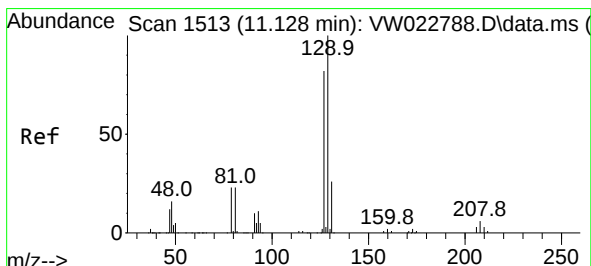
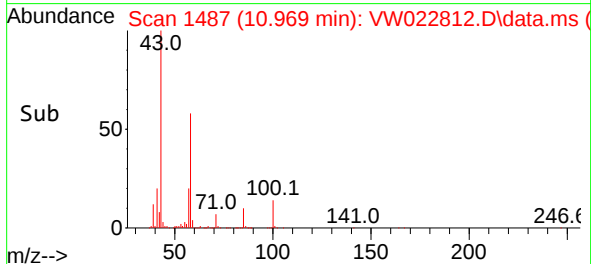
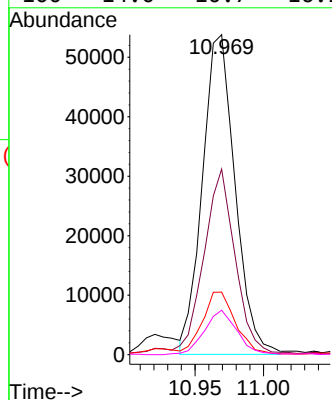
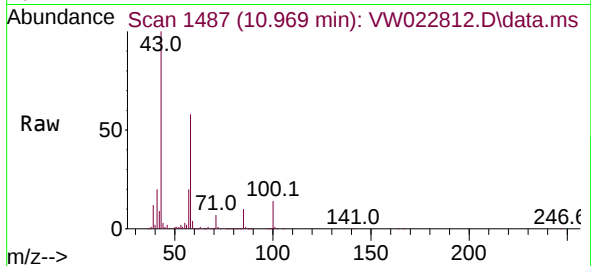




#48
2-Hexanone
Concen: 50.875 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

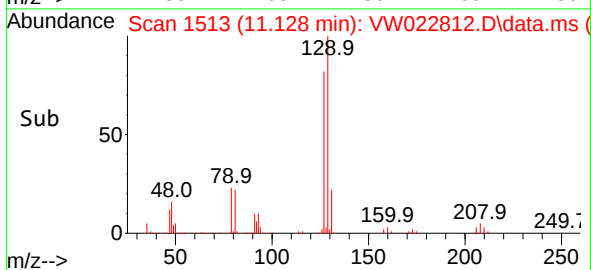
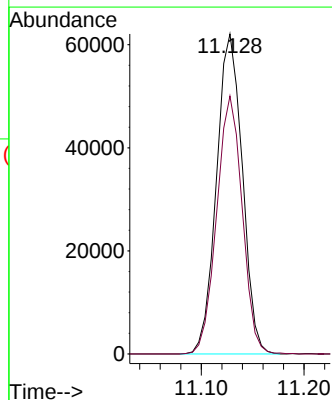
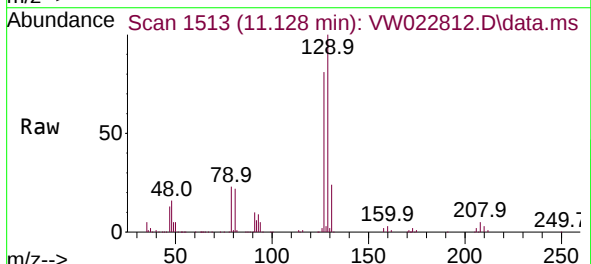
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

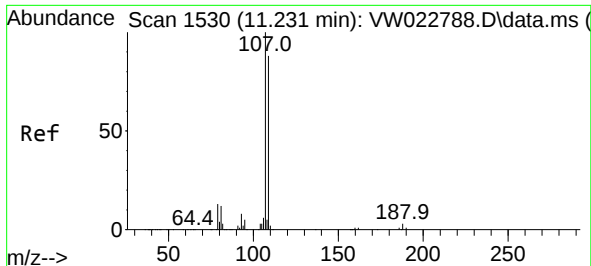
Tgt Ion: 43	Resp: 88943
Ion Ratio	Lower Upper
43 100	
58 55.4	45.9 68.9
57 20.1	16.2 24.2
100 14.0	10.7 16.1



#49
Dibromochloromethane
Concen: 25.931 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion:129	Resp: 108308
Ion Ratio	Lower Upper
129 100	
127 80.6	53.8 100.0





#50

1,2-Dibromoethane

Concen: 25.535 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

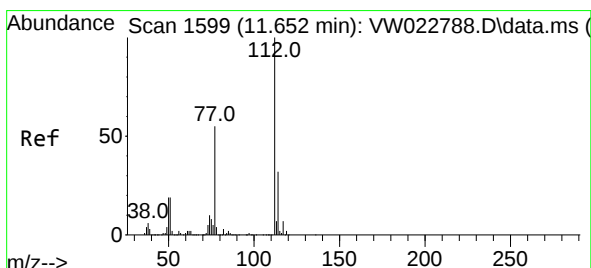
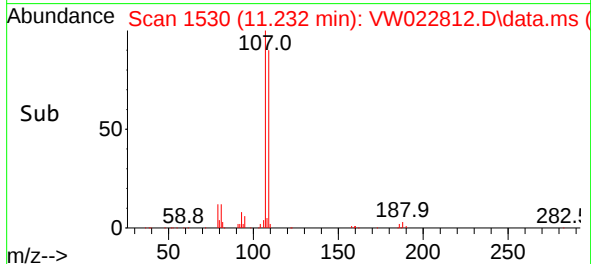
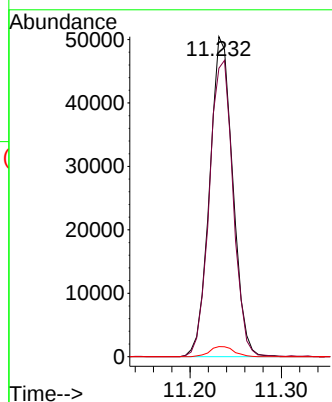
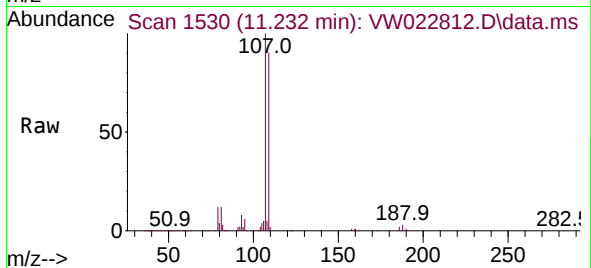
Tgt Ion:107 Resp: 88981

Ion Ratio Lower Upper

107 100

109 90.2 67.5 125.4

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 25.822 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.007 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

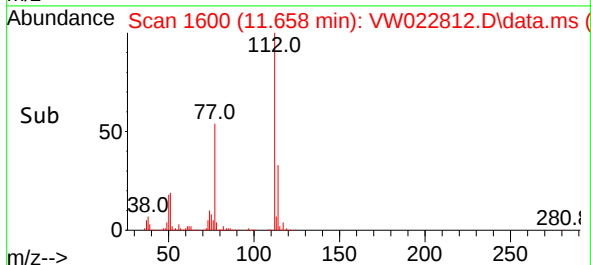
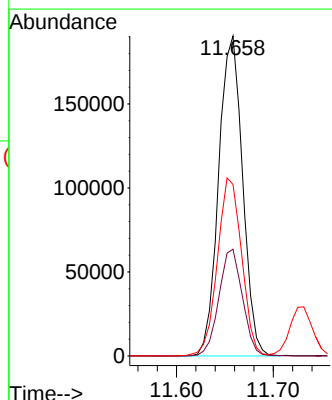
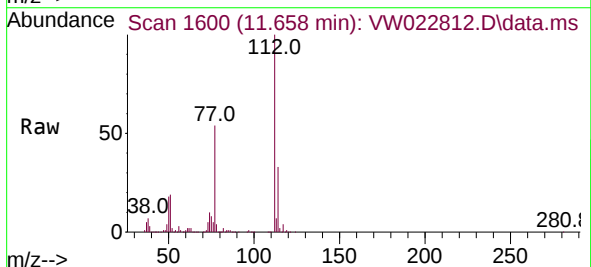
Tgt Ion:112 Resp: 327277

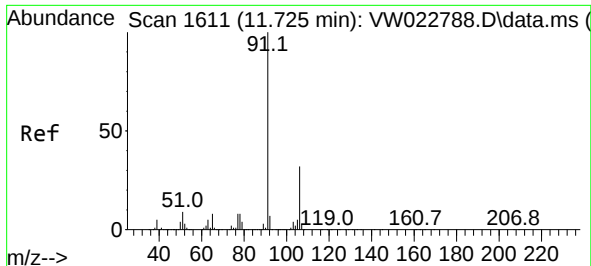
Ion Ratio Lower Upper

112 100

114 33.4 22.0 41.0

77 53.6 42.6 63.8

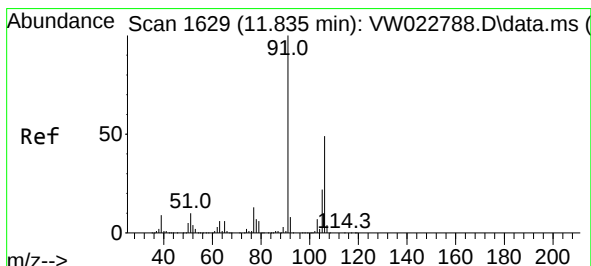
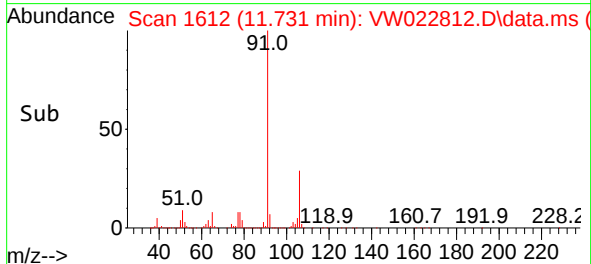
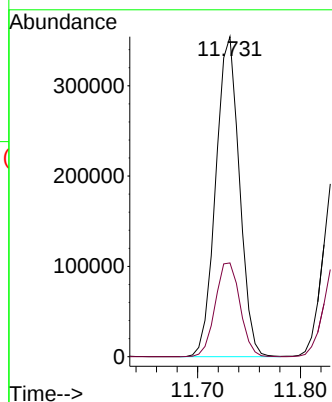
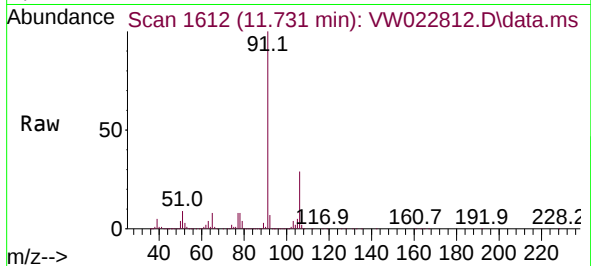




#52
Ethylbenzene
Concen: 26.454 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

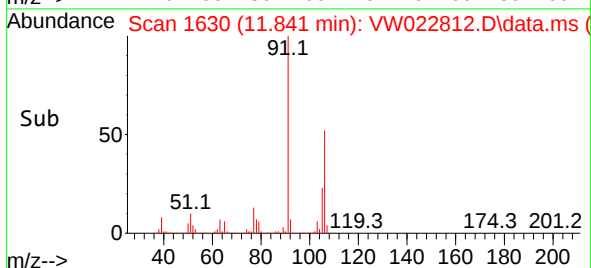
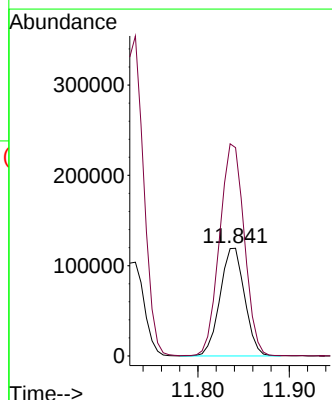
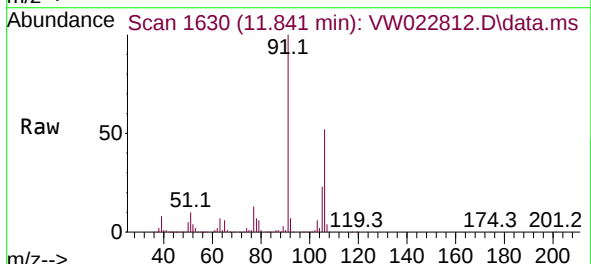
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

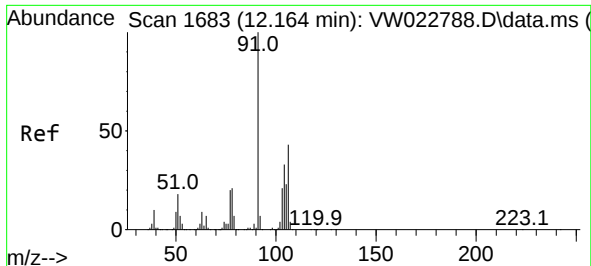
Tgt Ion: 91 Resp: 565798
Ion Ratio Lower Upper
91 100
106 29.3 22.3 41.3



#53
m,p-Xylene
Concen: 26.482 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 106 Resp: 223173
Ion Ratio Lower Upper
106 100
91 193.5 136.8 254.0

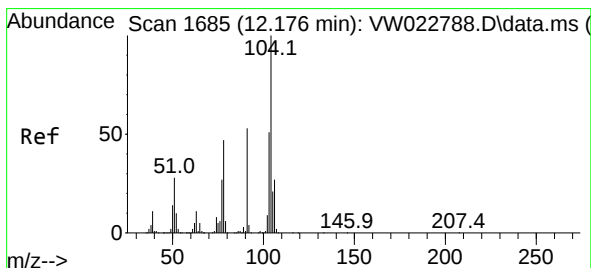
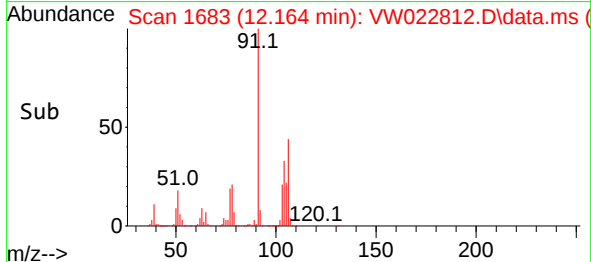
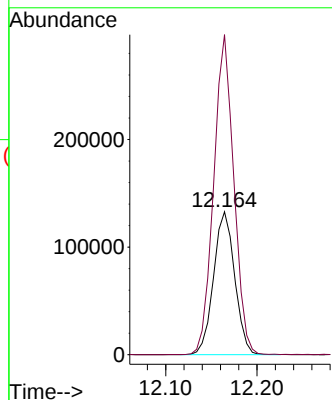
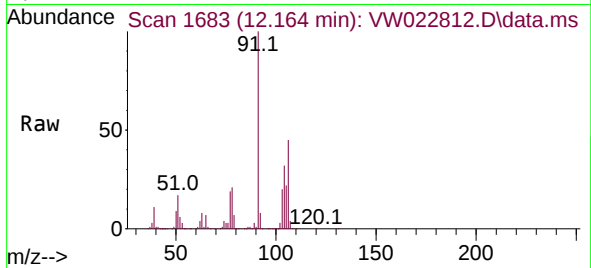




#54
o-Xylene
Concen: 26.398 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

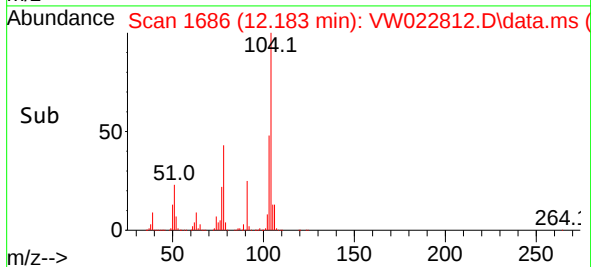
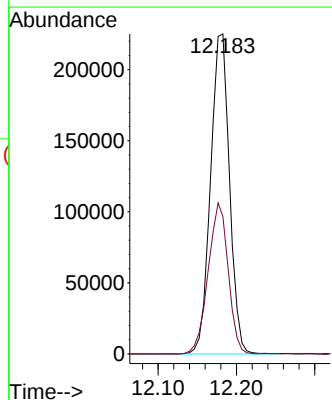
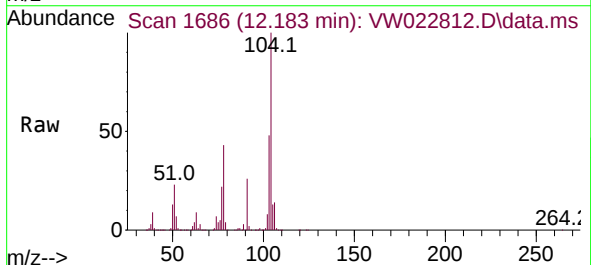
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

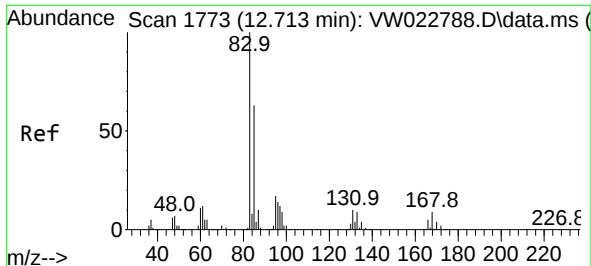
Tgt Ion:106 Resp: 213479
Ion Ratio Lower Upper
106 100
91 224.1 147.2 273.4



#55
Styrene
Concen: 27.505 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.007 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion:104 Resp: 377975
Ion Ratio Lower Upper
104 100
78 42.9 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.837 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

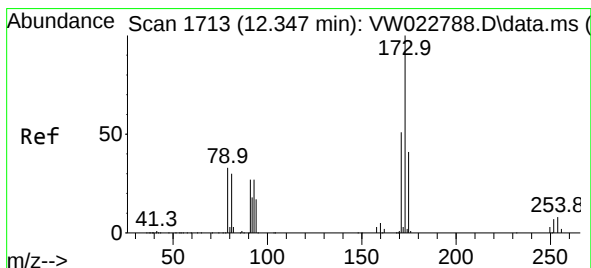
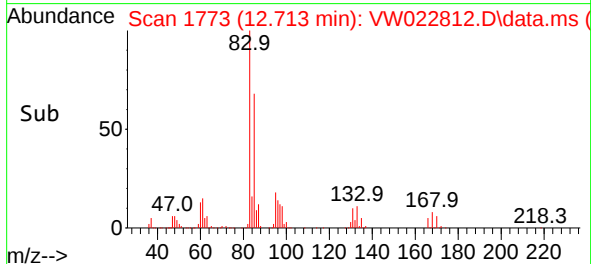
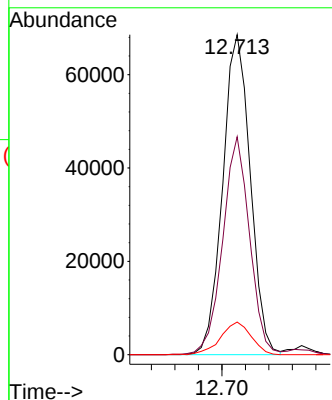
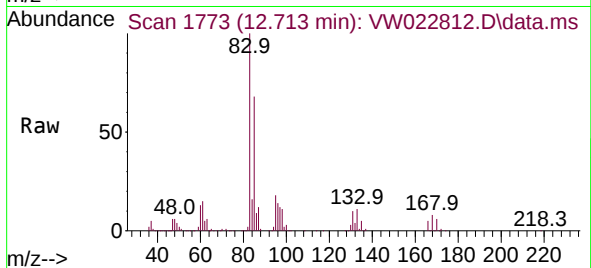
Tgt Ion: 83 Resp: 111991

Ion Ratio Lower Upper

83 100

85 68.1 47.5 88.1

131 10.2 8.7 13.1



#59

Bromoform

Concen: 25.613 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

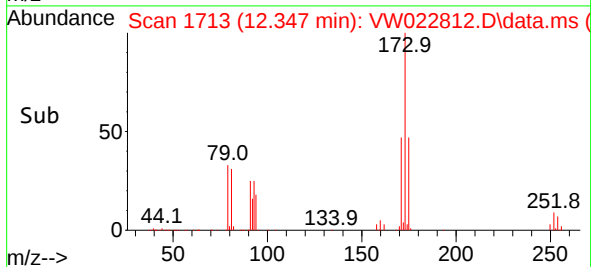
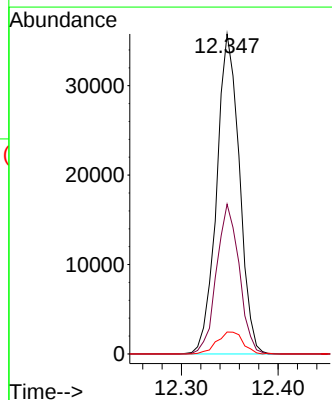
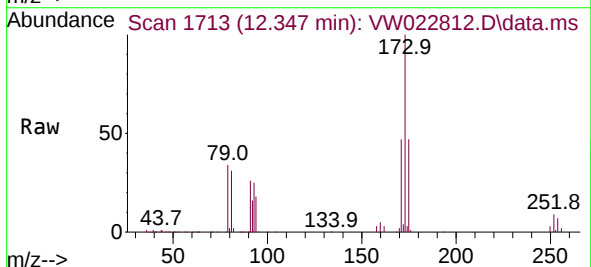
Tgt Ion: 173 Resp: 58494

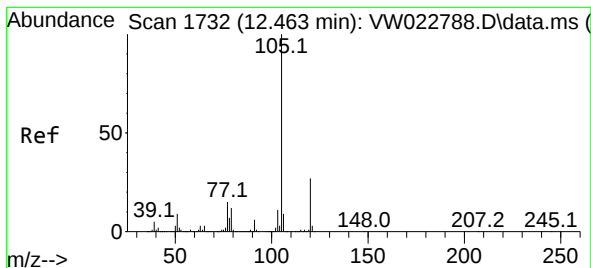
Ion Ratio Lower Upper

173 100

175 46.5 38.1 57.1

254 7.8 6.5 9.7

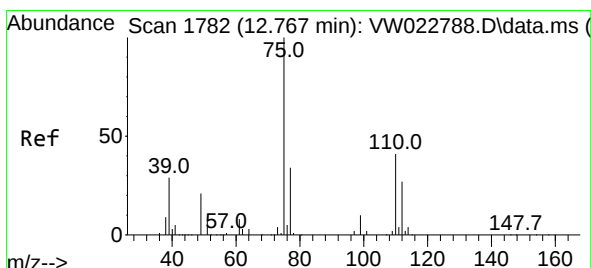
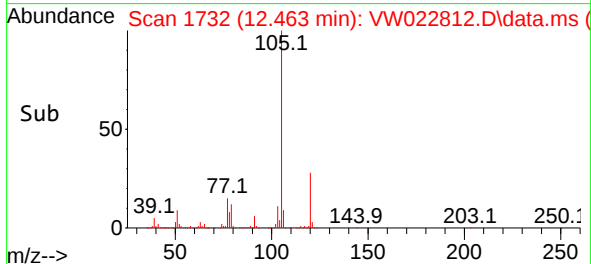
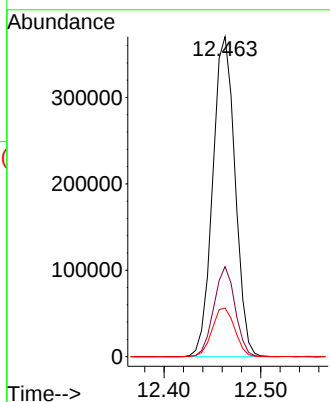
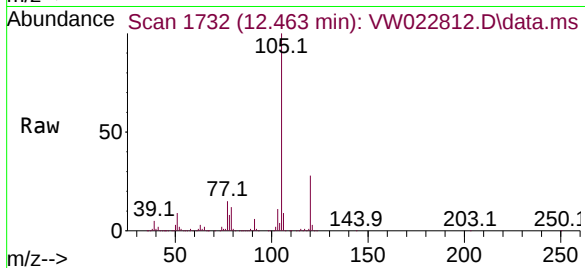




#60
Isopropylbenzene
Concen: 26.916 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

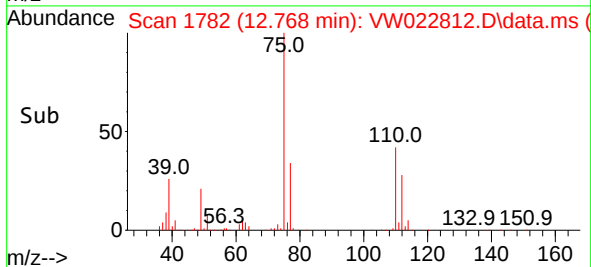
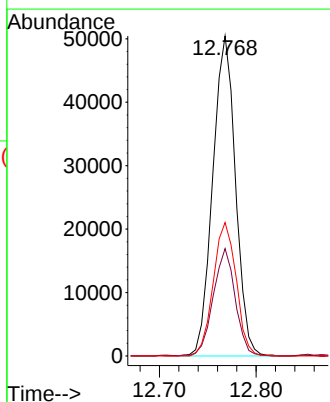
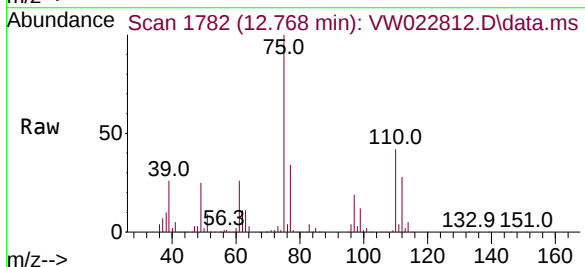
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

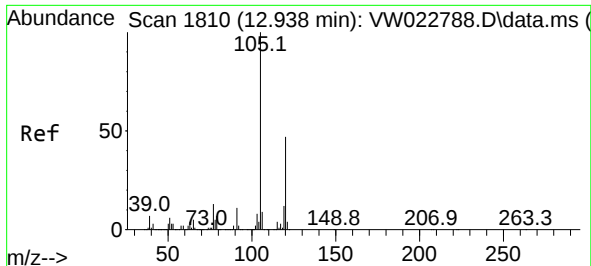
Tgt Ion:105 Resp: 594212
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.566 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion: 75 Resp: 82319
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 42.0 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 26.672 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

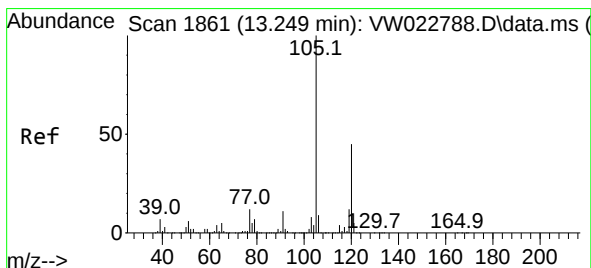
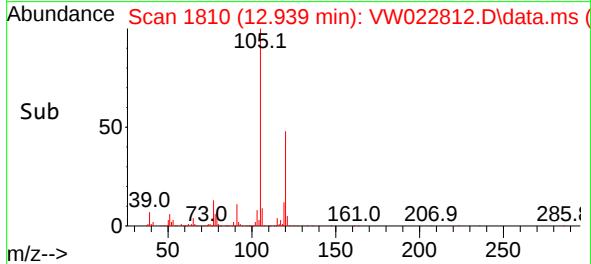
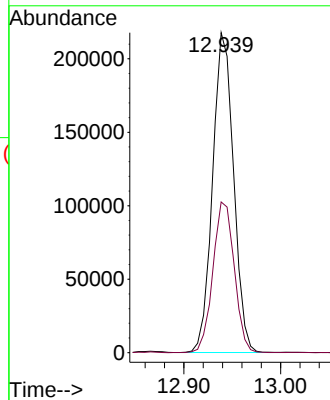
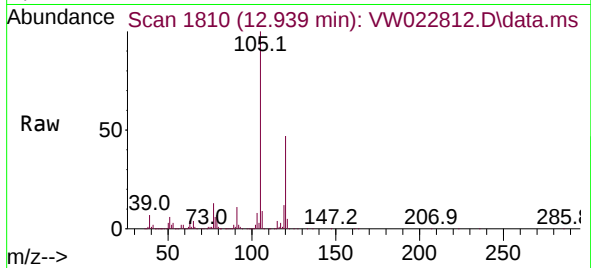
VSTD025514

Tgt Ion:105 Resp: 327579

Ion Ratio Lower Upper

105 100

120 48.2 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 27.047 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022812.D

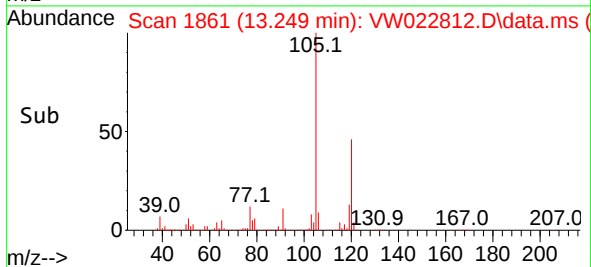
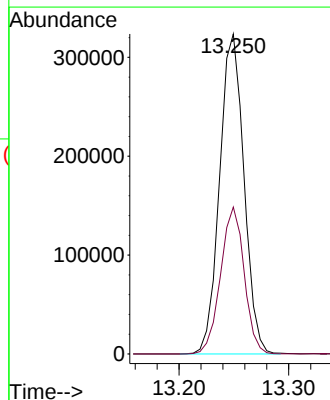
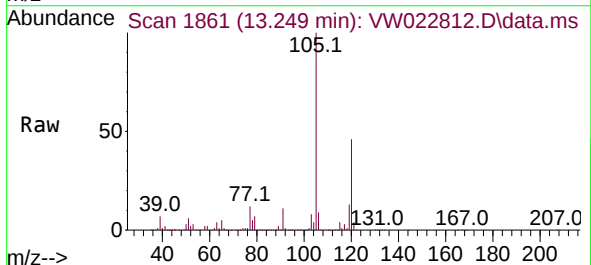
Acq: 04 May 2022 19:18

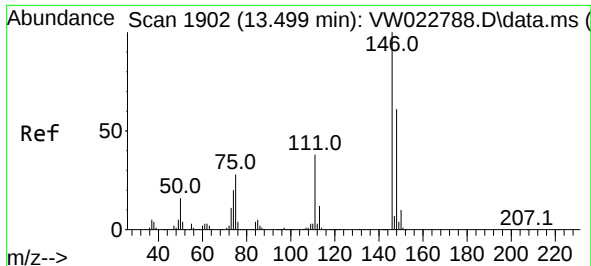
Tgt Ion:105 Resp: 498789

Ion Ratio Lower Upper

105 100

120 44.5 37.4 56.2

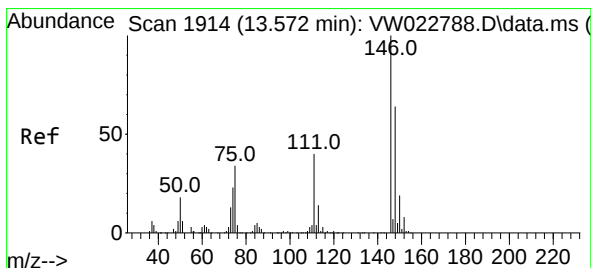
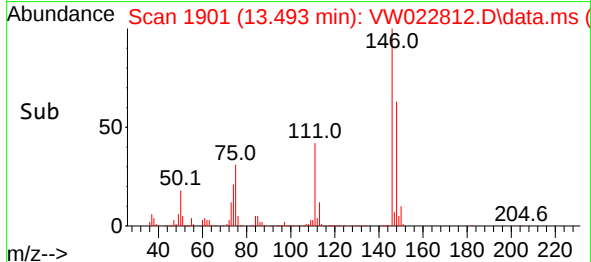
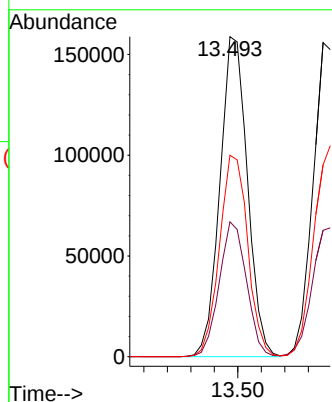
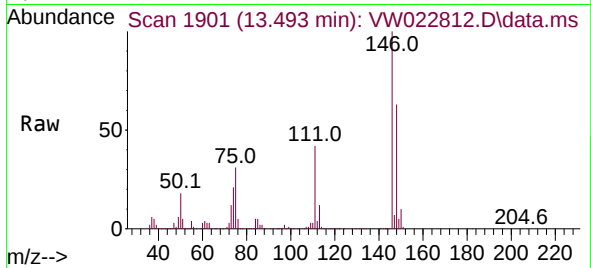




#64
1,3-Dichlorobenzene
Concen: 26.225 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

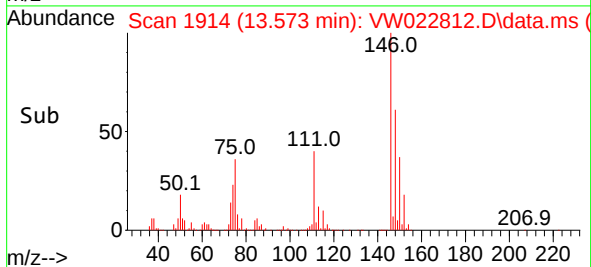
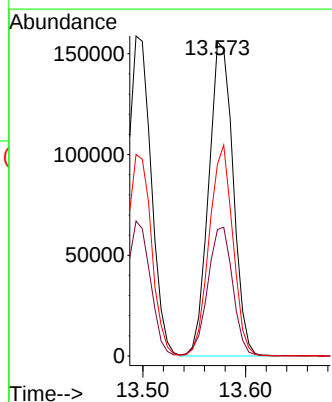
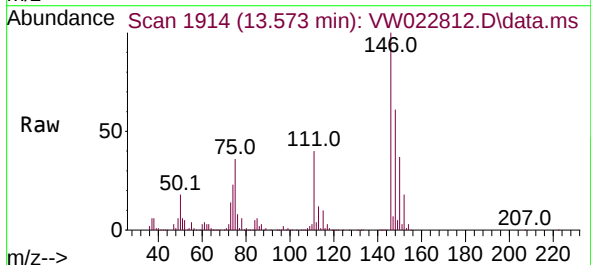
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

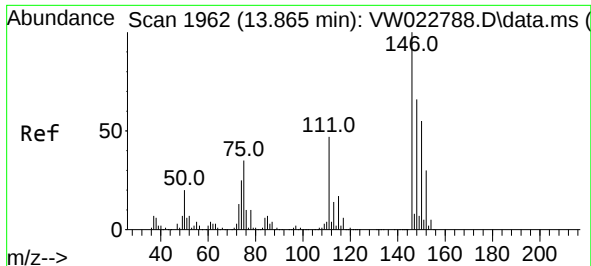
Tgt Ion:146 Resp: 258484
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 62.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.270 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion:146 Resp: 257271
Ion Ratio Lower Upper
146 100
111 40.2 27.2 50.4
148 61.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.731 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

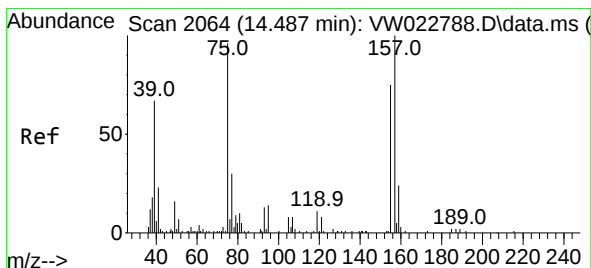
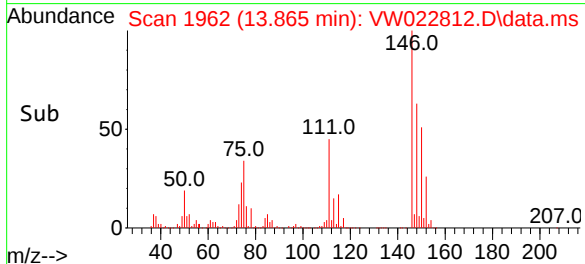
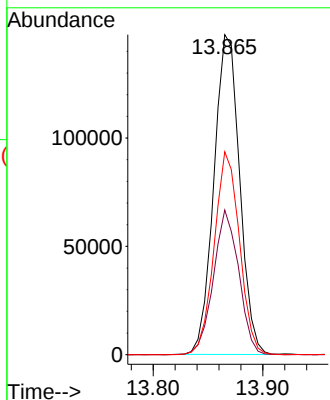
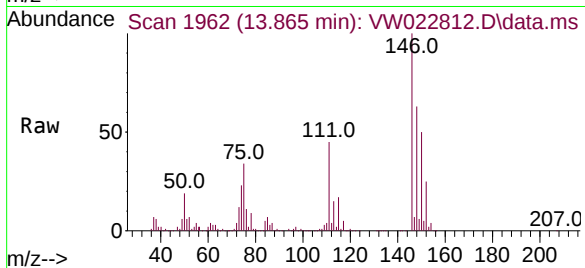
Tgt Ion:146 Resp: 241101

Ion Ratio Lower Upper

146 100

111 45.2 35.7 53.5

148 63.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.245 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

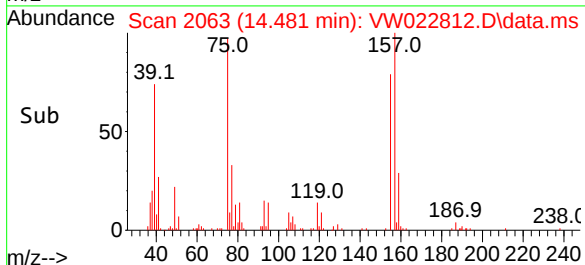
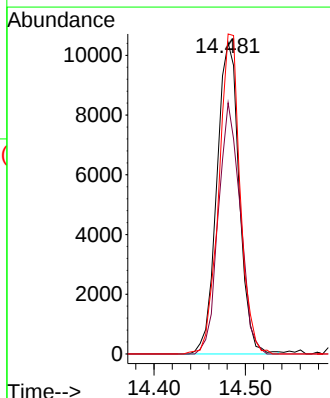
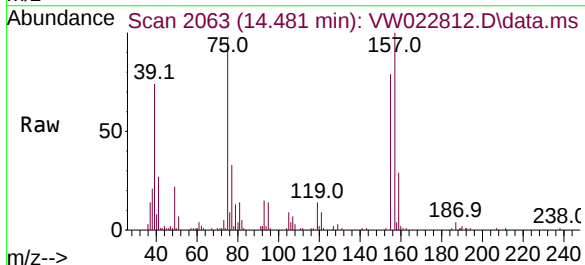
Tgt Ion: 75 Resp: 17765

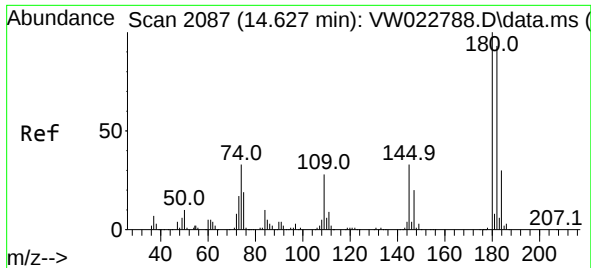
Ion Ratio Lower Upper

75 100

155 80.7 59.3 88.9

157 102.8 89.8 134.8

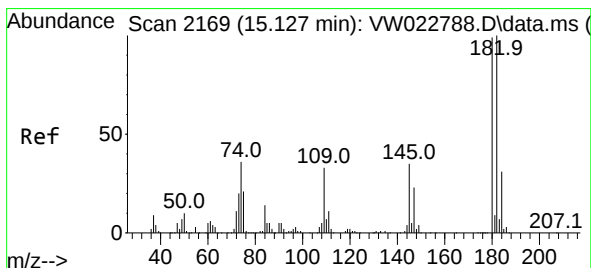
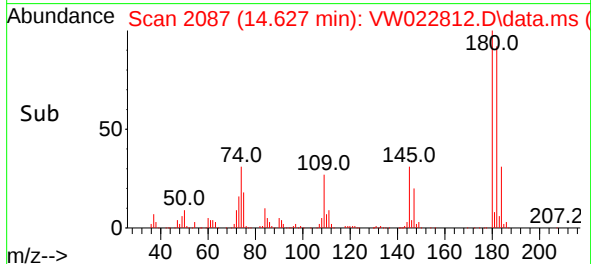
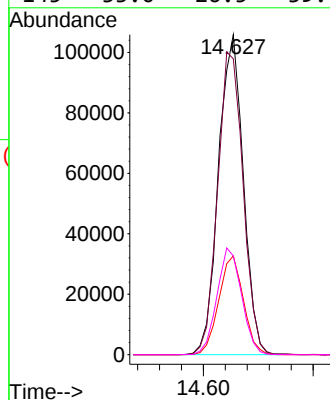
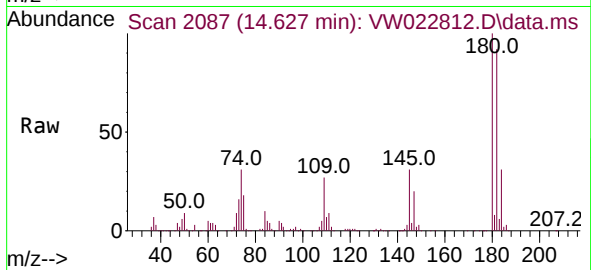




#69
1,3,5-Trichlorobenzene
Concen: 25.454 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

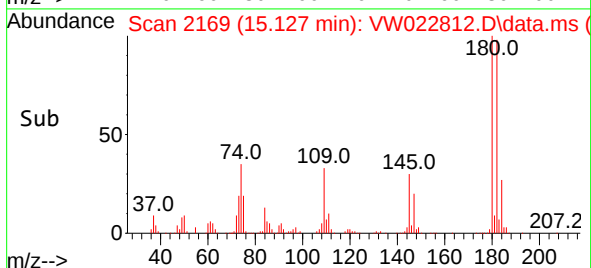
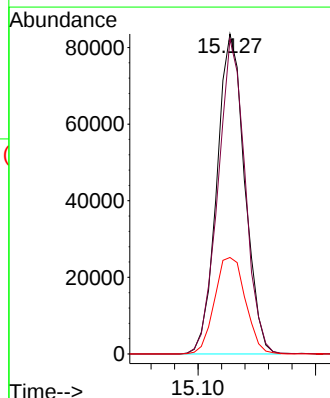
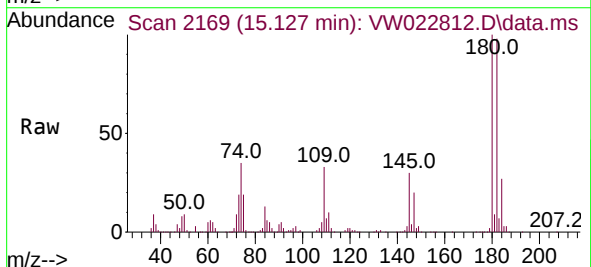
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

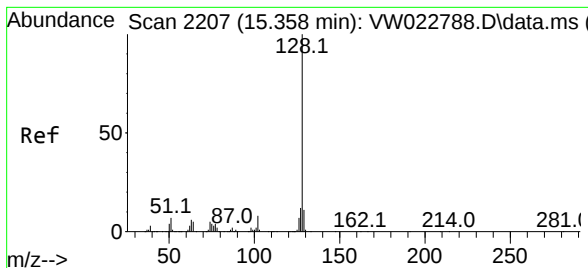
Tgt Ion:	180	Resp:	166535
Ion Ratio	Lower	Upper	
180	100		
182	96.9	74.8	112.2
184	30.6	23.4	35.2
145	33.0	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 26.178 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022812.D
Acq: 04 May 2022 19:18

Tgt Ion:	180	Resp:	137771
Ion Ratio	Lower	Upper	
180	100		
182	96.1	74.9	112.3
145	33.3	26.6	39.8





#71

Naphthalene

Concen: 28.182 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.007 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

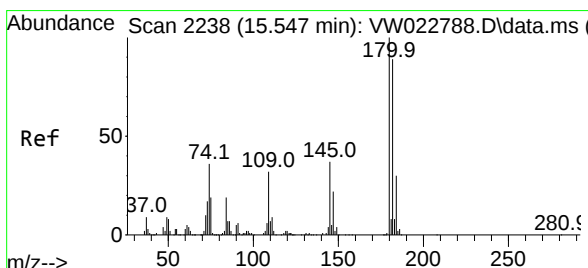
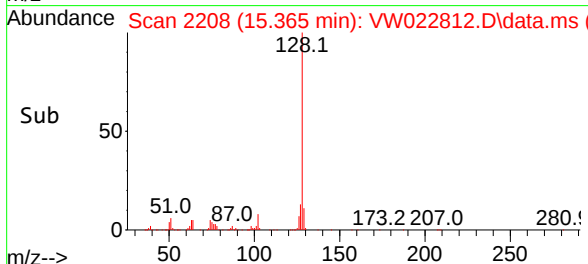
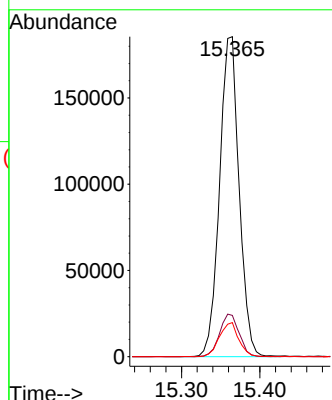
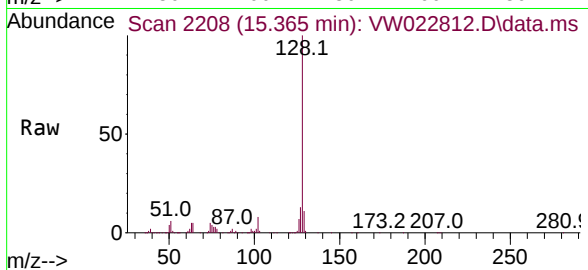
Tgt Ion:128 Resp: 322365

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 27.180 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.007 min

Lab File: VW022812.D

Acq: 04 May 2022 19:18

Tgt Ion:180 Resp: 126780

Ion Ratio Lower Upper

180 100

182 92.8 73.5 110.3

145 33.9 27.9 41.9

