

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022987.D
 Acq On : 11 May 2022 18:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 6.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: May 12 01:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 12 01:07:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	280354	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	282632	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	155865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	98426	17.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.440%
7) Chloroethane-d5	2.885	69	87245	23.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
11) 1,1-Dichloroethene-d2	4.025	63	139704	18.797	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.200%
21) 2-Butanone-d5	7.073	46	62966	57.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.160%
24) Chloroform-d	7.646	84	203585	24.786	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.160%
26) 1,2-Dichloroethane-d4	8.305	65	111410	24.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.920%
32) Benzene-d6	8.274	84	363409	22.308	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	9.274	67	110767	24.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	10.323	98	344421	21.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.560%
43) trans-1,3-Dichloroprop...	10.579	79	47275	22.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.920	63	50454	57.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119082	27.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	134414	24.670	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	34763	22.746	ug/L	93
3) Chloromethane	2.214	50	70240	23.784	ug/L	99
5) Vinyl chloride	2.361	62	128625	21.702	ug/L	98
6) Bromomethane	2.775	94	87318	22.946	ug/L	94
8) Chloroethane	2.922	64	75269	26.330	ug/L	98
9) Trichlorofluoromethane	3.257	101	51668	19.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	88973	21.966	ug/L	94
12) 1,1-Dichloroethene	4.043	96	75985	21.161	ug/L	96
13) Acetone	4.116	43	34263	41.847	ug/L	100
14) Carbon disulfide	4.391	76	176196	17.898	ug/L	99
15) Methyl Acetate	4.671	43	41080	24.974	ug/L	99
16) Methylene chloride	4.921	84	97015	23.649	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	90458	22.386	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	162872	26.404	ug/L	99
19) 1,1-Dichloroethane	6.214	63	170693	24.924	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	108033	24.892	ug/L #	98
22) 2-Butanone	7.171	43	56056	48.955	ug/L	99
23) Bromochloromethane	7.512	128	50564	24.877	ug/L	95
25) Chloroform	7.677	83	199732	26.375	ug/L	93

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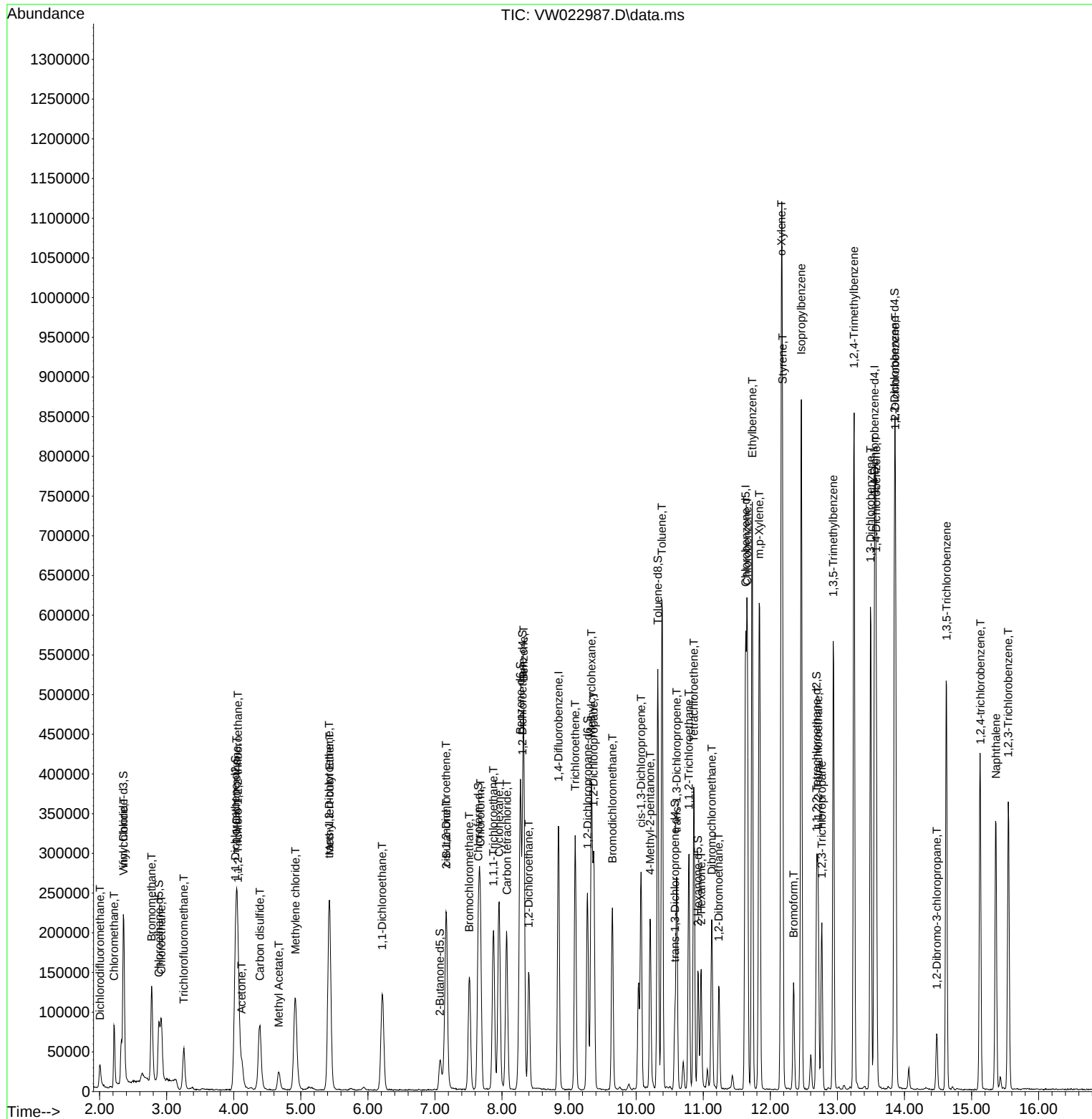
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	130397	25.832	ug/L	99
29) Cyclohexane	7.957	56	126302	20.663	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	162503	24.330	ug/L	99
31) Carbon tetrachloride	8.073	117	143581	22.981	ug/L	98
33) Benzene	8.323	78	400397	24.048	ug/L	100
34) Trichloroethene	9.091	95	107818	23.546	ug/L	93
35) Methylcyclohexane	9.335	83	156261	20.773	ug/L	97
37) 1,2-Dichloropropane	9.366	63	101013	25.070	ug/L	99
38) Bromodichloromethane	9.646	83	147608	25.792	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	153801	24.618	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	131645	51.837	ug/L	99
42) Toluene	10.384	91	458493	24.572	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	141912	25.449	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	87845	26.080	ug/L	98
46) Tetrachloroethene	10.859	164	79922	23.226	ug/L	85
48) 2-Hexanone	10.969	43	89919	52.991	ug/L	96
49) Dibromochloromethane	11.127	129	107847	26.603	ug/L	100
50) 1,2-Dibromoethane	11.231	107	84375	24.947	ug/L	96
51) Chlorobenzene	11.658	112	308307	25.063	ug/L	100
52) Ethylbenzene	11.731	91	519815	25.040	ug/L	99
53) m,p-Xylene	11.835	106	203698	24.903	ug/L	96
54) o-Xylene	12.164	106	197833	25.204	ug/L	95
55) Styrene	12.182	104	351681	26.367	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.712	83	113812	27.052	ug/L	94
59) Bromoform	12.347	173	55712	25.222	ug/L	99
60) Isopropylbenzene	12.463	105	547818	25.656	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	81141	26.054	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	297172	25.016	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	462859	25.949	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	237279	24.889	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	239030	24.274	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	224955	25.786	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.480	75	16917	24.855	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	143939	22.746	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	125983	24.749	ug/L	96
71) Naphthalene	15.364	128	282474	25.531	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	109312	24.229	ug/L	96

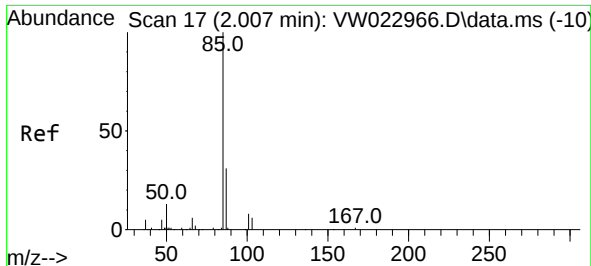
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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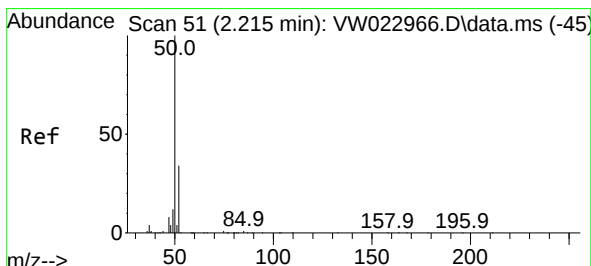
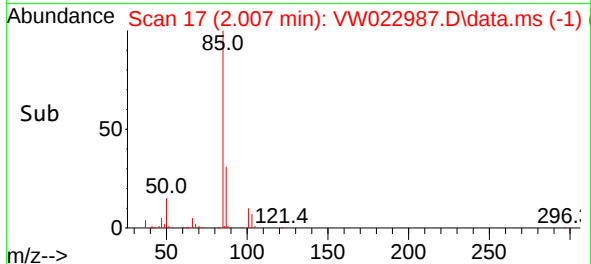
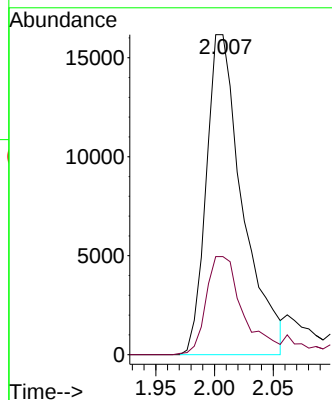
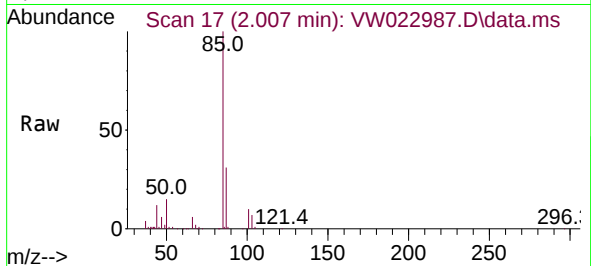




#2
Dichlorodifluoromethane
Concen: 22.746 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

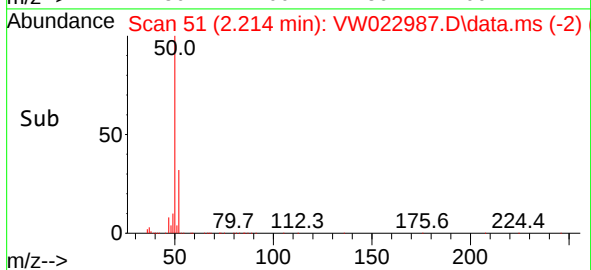
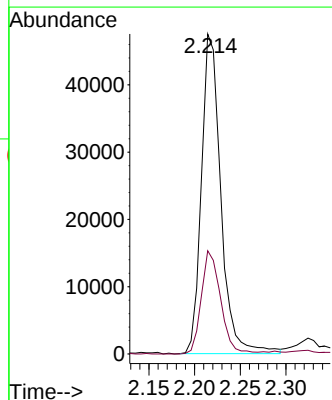
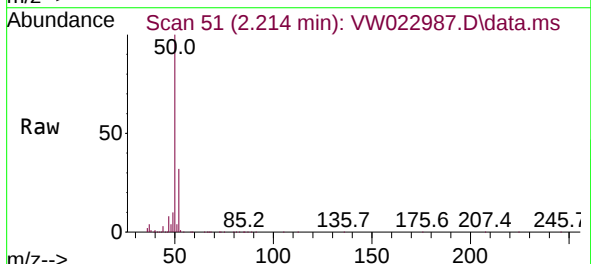
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ClientSampleId :
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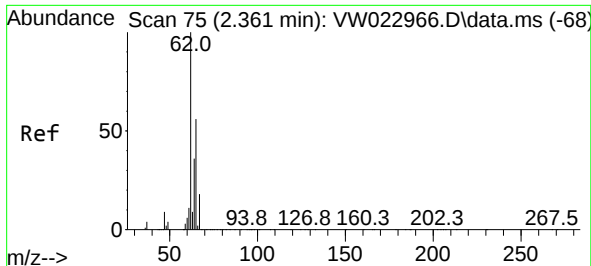
Tgt Ion: 85 Resp: 34763
Ion Ratio Lower Upper
85 100
87 31.0 27.8 41.8



#3
Chloromethane
Concen: 23.784 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 50 Resp: 70240
Ion Ratio Lower Upper
50 100
52 32.2 23.1 42.9

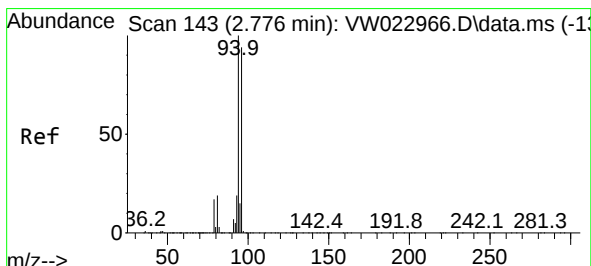
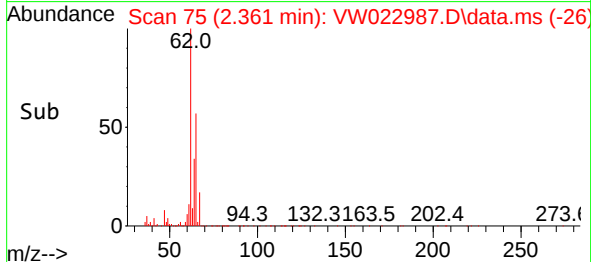
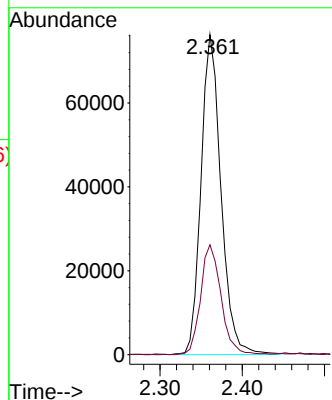
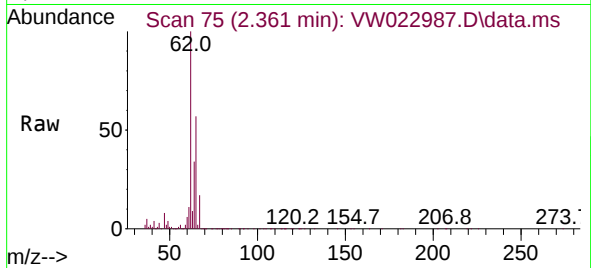




#5
 Vinyl chloride
 Concen: 21.702 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022987.D
 Acq: 11 May 2022 18:26

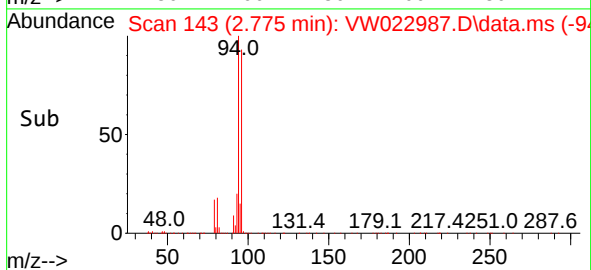
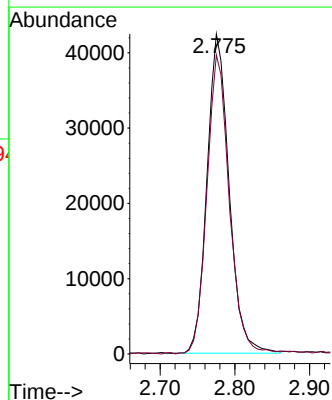
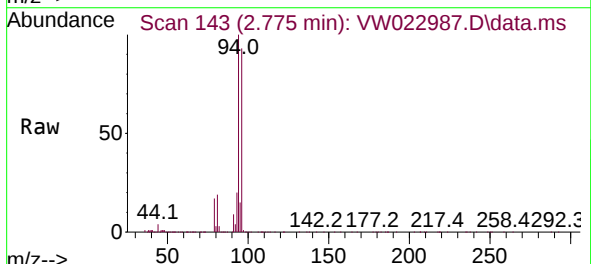
Instrument :
 MSVOA_W
 ClientSampleId :
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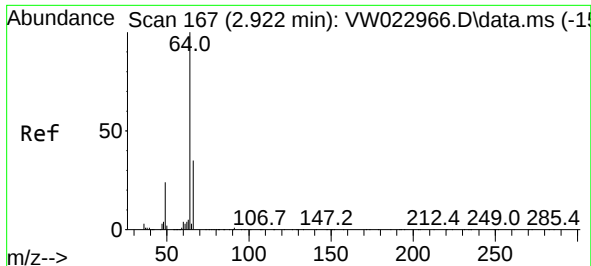
Tgt Ion: 62 Resp: 128625
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.9 46.3



#6
 Bromomethane
 Concen: 22.946 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022987.D
 Acq: 11 May 2022 18:26

Tgt Ion: 94 Resp: 87318
 Ion Ratio Lower Upper
 94 100
 96 93.5 61.7 114.5

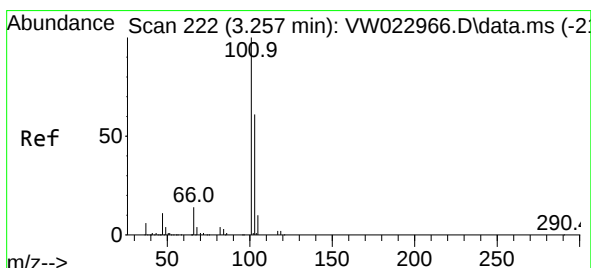
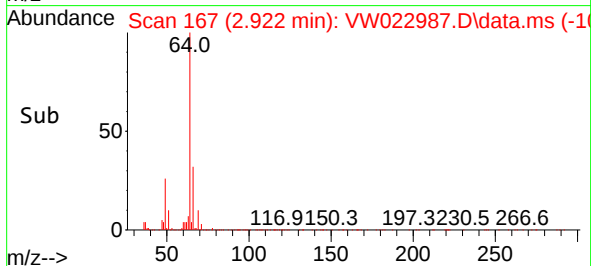
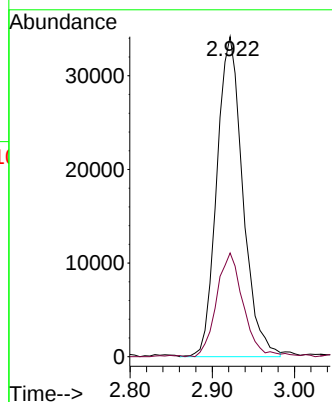
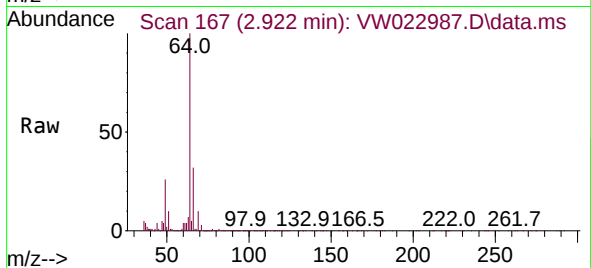




#8
Chloroethane
Concen: 26.330 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

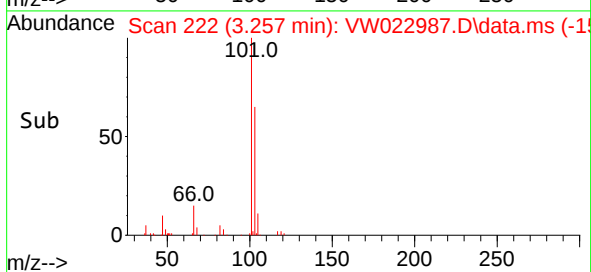
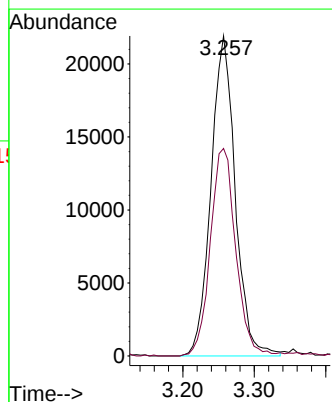
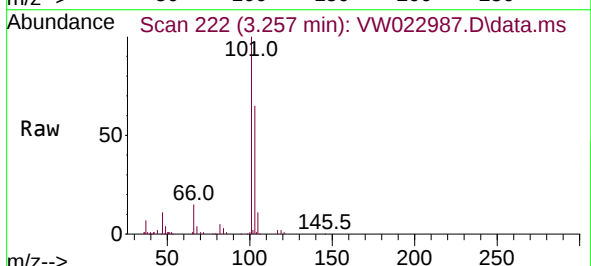
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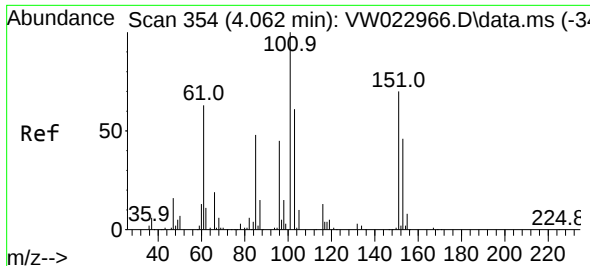
Tgt Ion: 64 Resp: 75269
Ion Ratio Lower Upper
64 100
66 32.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.073 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 101 Resp: 51668
Ion Ratio Lower Upper
101 100
103 67.8 53.9 80.9

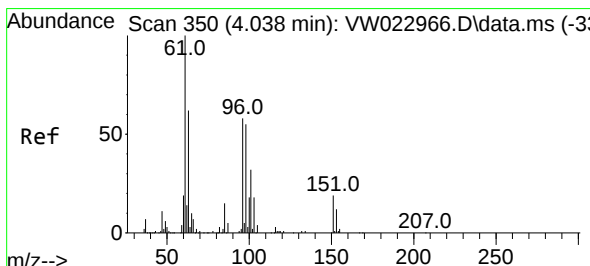
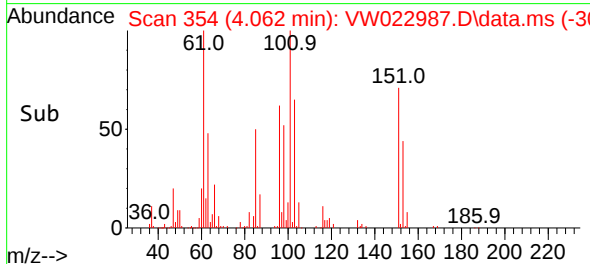
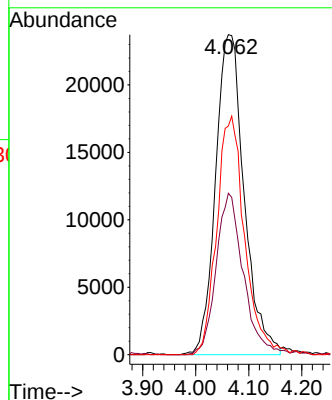
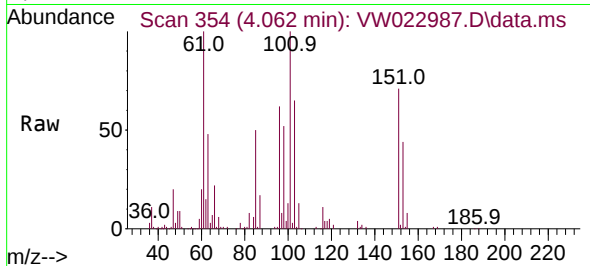




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.966 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022987.D
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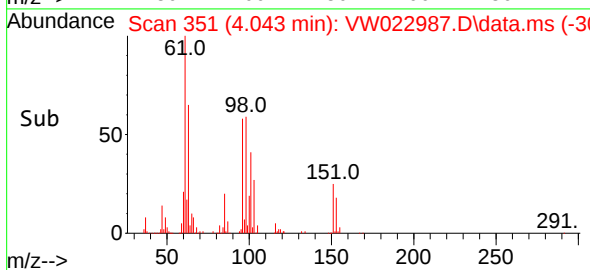
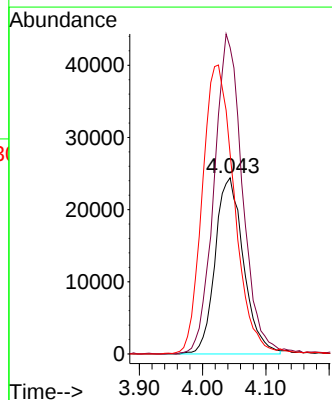
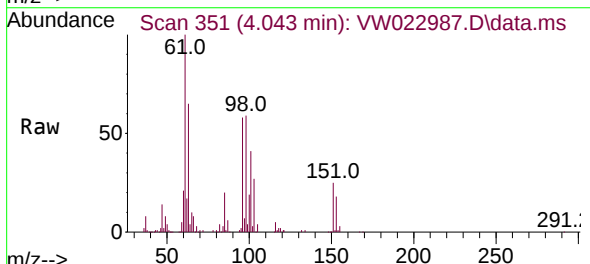
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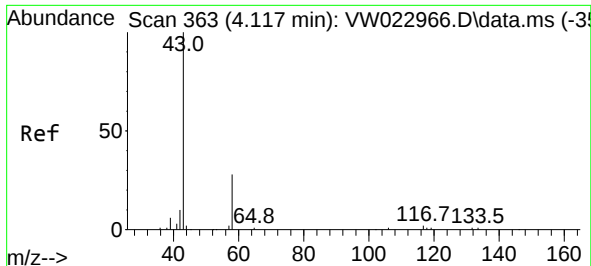
Tgt Ion:101 Resp: 88973
 Ion Ratio Lower Upper
 101 100
 85 47.6 34.3 51.5
 151 71.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.161 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022987.D
 Acq: 11 May 2022 18:26

Tgt Ion: 96 Resp: 75985
 Ion Ratio Lower Upper
 96 100
 61 173.9 125.7 233.5
 63 113.4 83.4 155.0

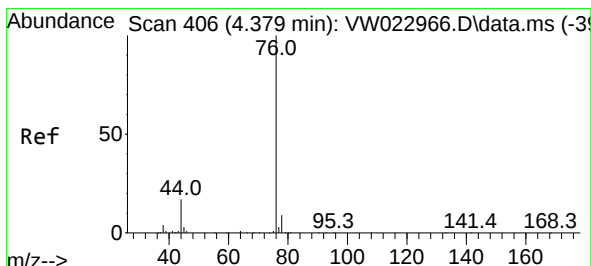
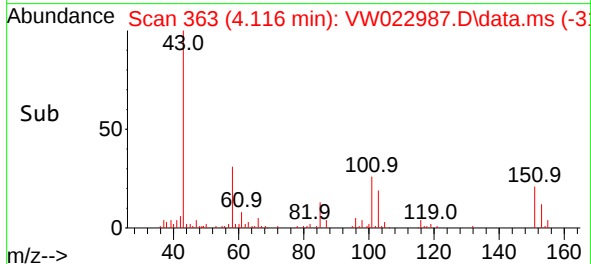
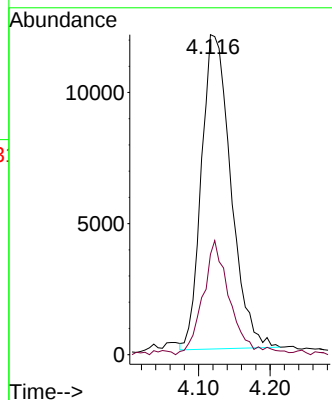
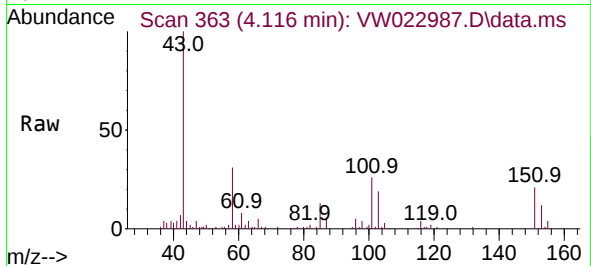




#13
Acetone
Concen: 41.847 ug/L
RT: 4.116 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW022987.D
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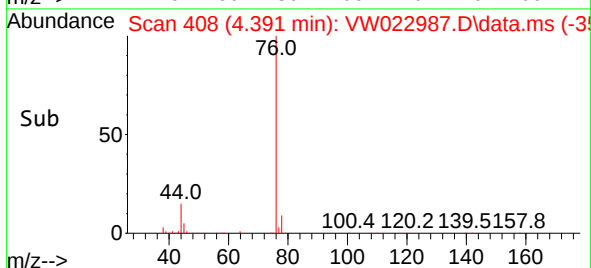
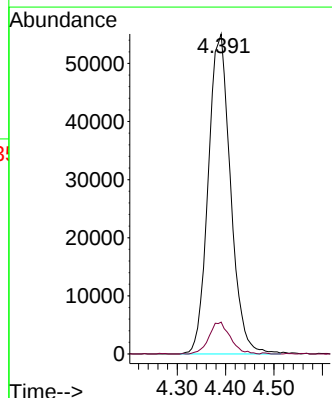
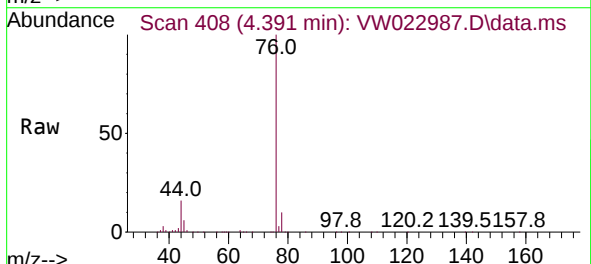
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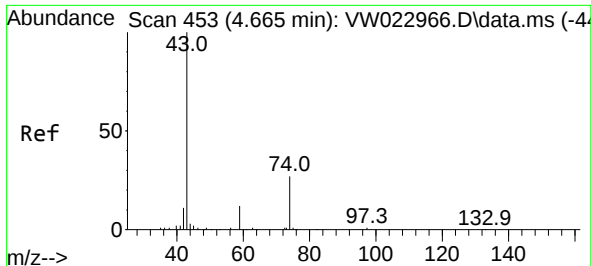
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Ion Ratio Lower Upper
43 100
58 32.1 0.0 64.0



#14
Carbon disulfide
Concen: 17.898 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.012 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 76 Resp: 176196
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5

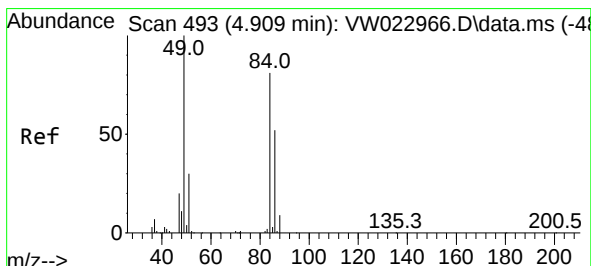
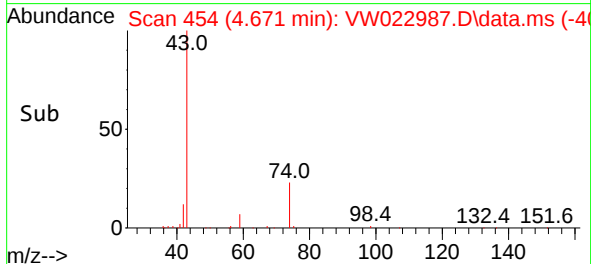
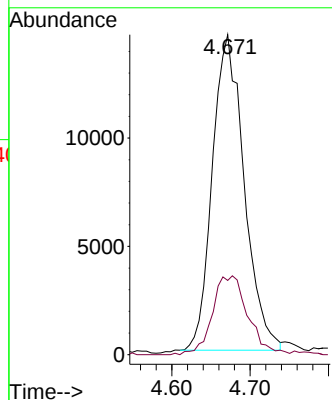
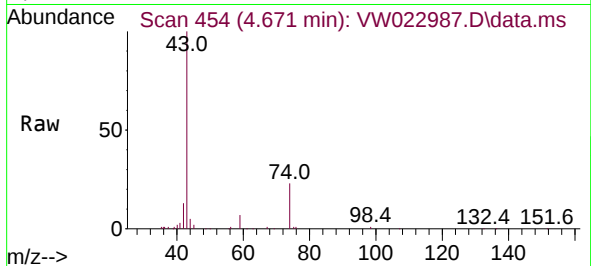




#15
Methyl Acetate
Concen: 24.974 ug/L
RT: 4.671 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

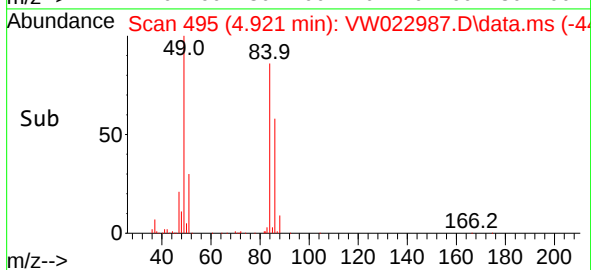
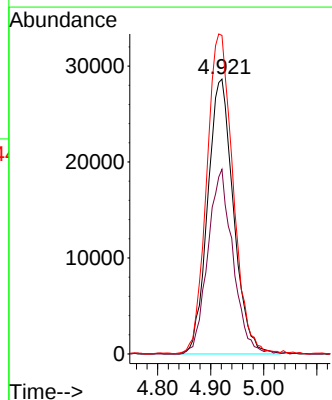
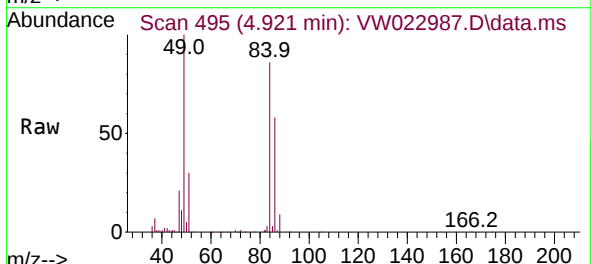
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

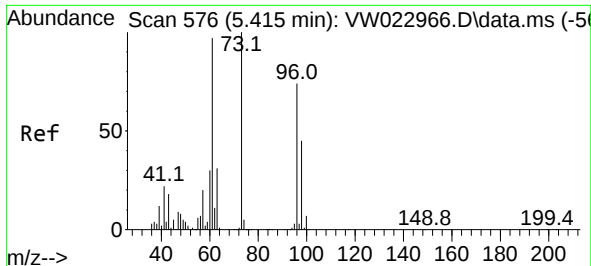
Tgt Ion: 43 Resp: 41080
Ion Ratio Lower Upper
43 100
74 26.8 21.9 32.9



#16
Methylene chloride
Concen: 23.649 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 84 Resp: 97015
Ion Ratio Lower Upper
84 100
86 67.1 45.4 84.4
49 115.9 82.5 153.1

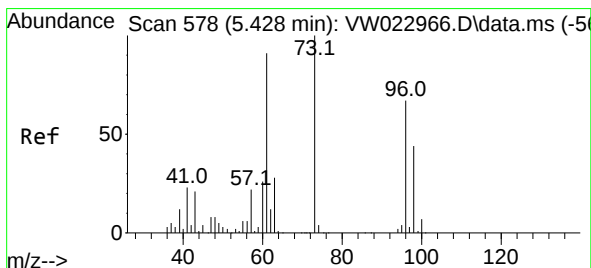
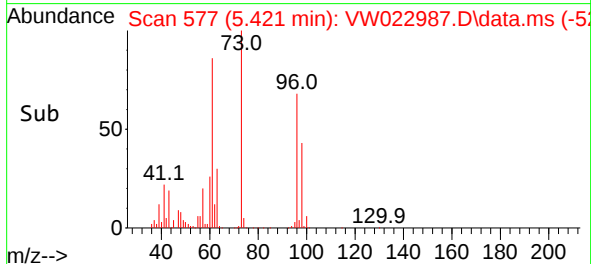
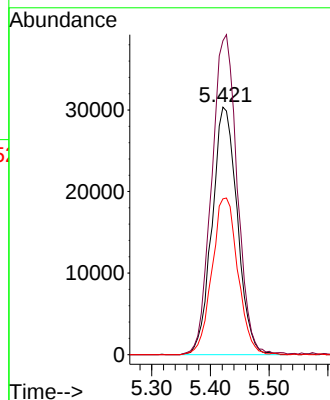
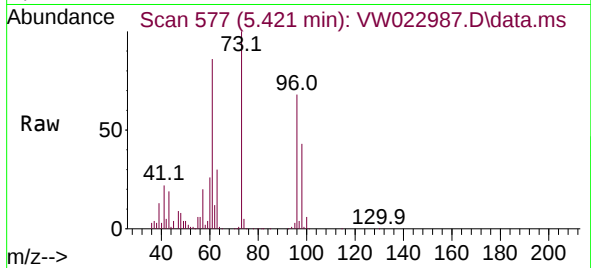




#17
trans-1,2-Dichloroethene
Concen: 22.386 ug/L
RT: 5.421 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

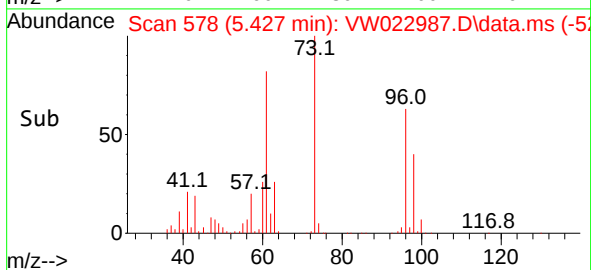
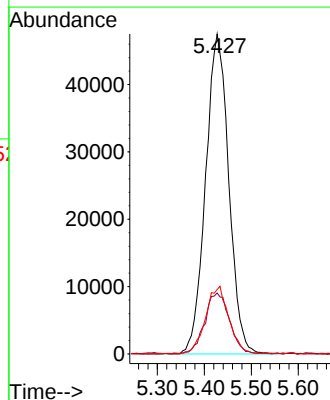
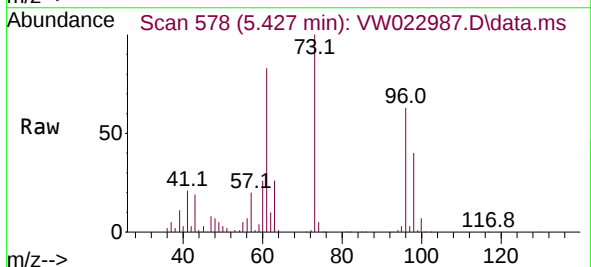
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

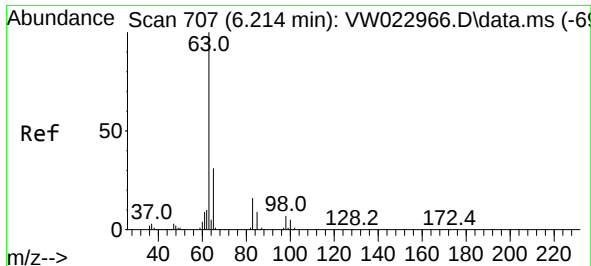
Tgt Ion: 96 Resp: 90458
Ion Ratio Lower Upper
96 100
61 126.8 92.2 171.2
98 63.0 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.404 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 73 Resp: 162872
Ion Ratio Lower Upper
73 100
43 20.5 15.9 23.9
57 21.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.924 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

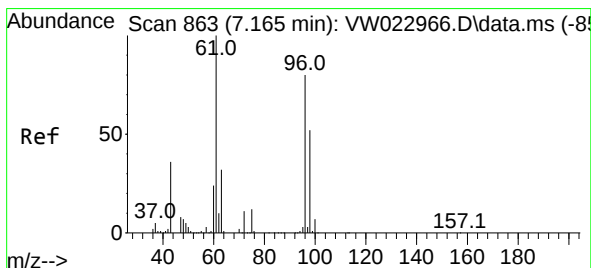
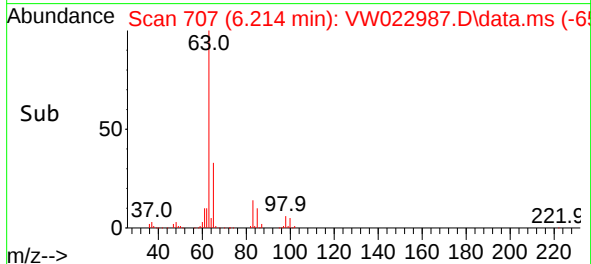
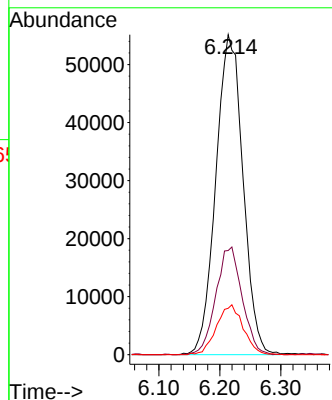
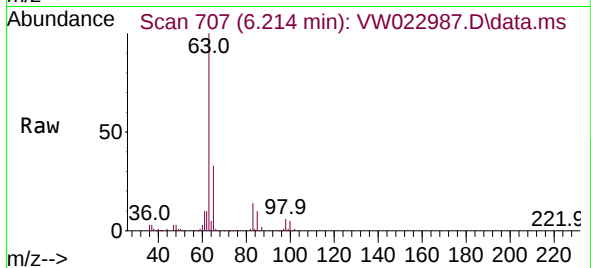
Tgt Ion: 63 Resp: 170693

Ion Ratio Lower Upper

63 100

65 32.6 23.3 43.3

83 14.5 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.892 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

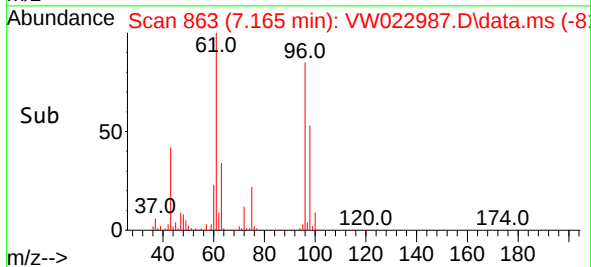
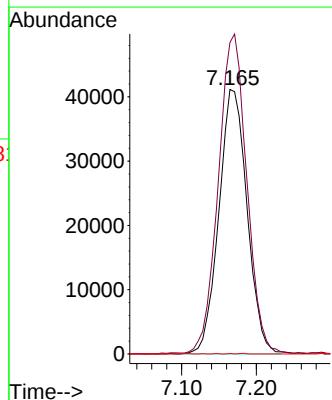
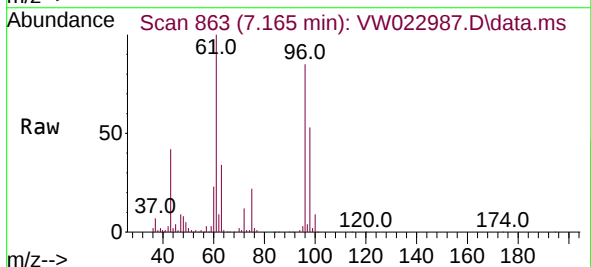
Tgt Ion: 96 Resp: 108033

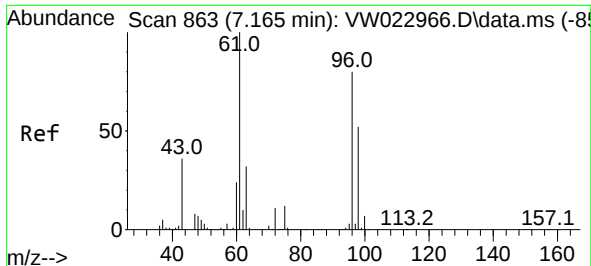
Ion Ratio Lower Upper

96 100

61 117.8 84.2 156.4

68 0.2 0.1 0.1#

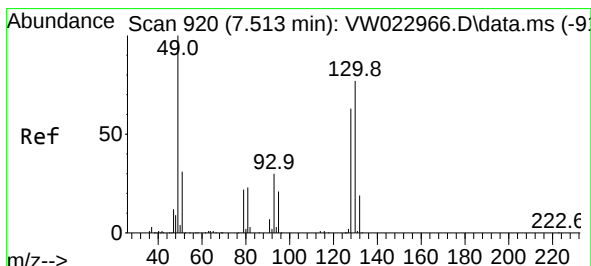
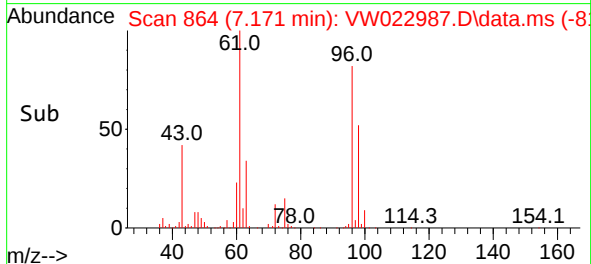
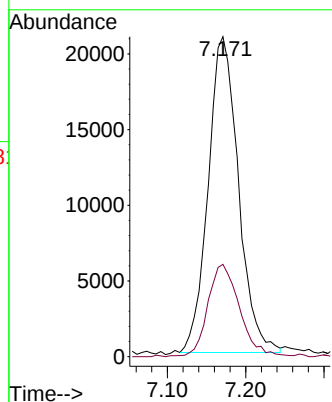
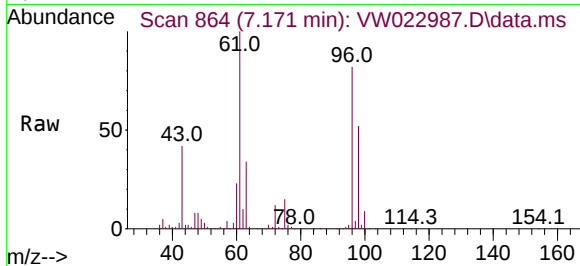




#22
2-Butanone
Concen: 48.955 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

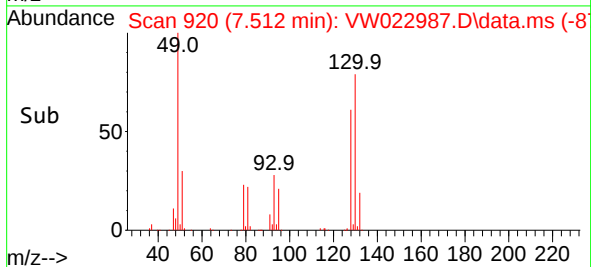
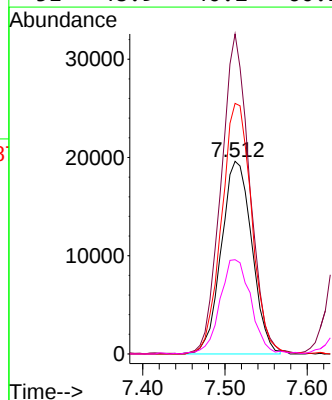
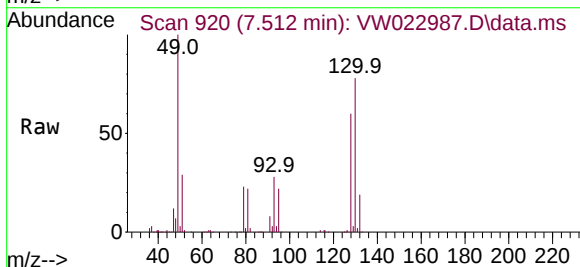
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

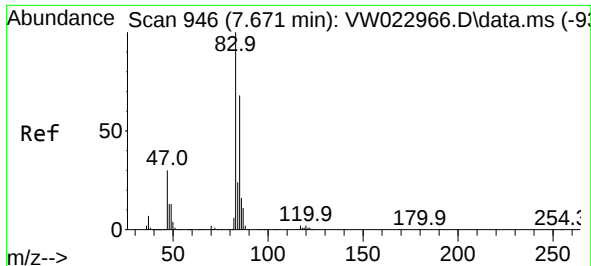
Tgt Ion: 43 Resp: 56056
Ion Ratio Lower Upper
43 100
72 30.5 15.1 45.3



#23
Bromochloromethane
Concen: 24.877 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 128 Resp: 50564
Ion Ratio Lower Upper
128 100
49 166.2 110.0 204.4
130 130.1 94.8 176.0
51 48.9 40.2 60.2

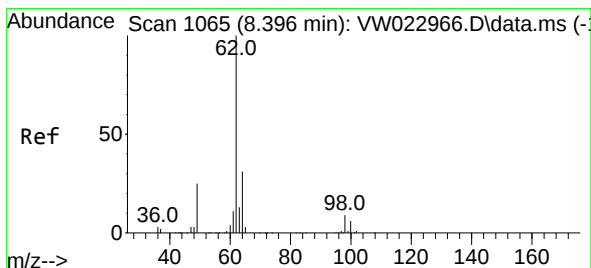
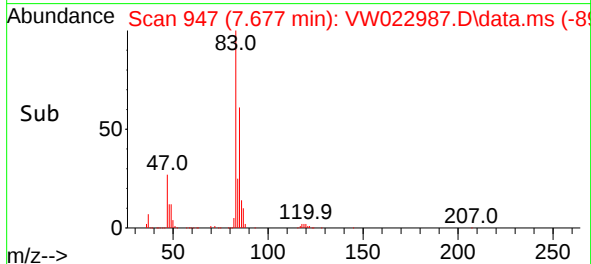
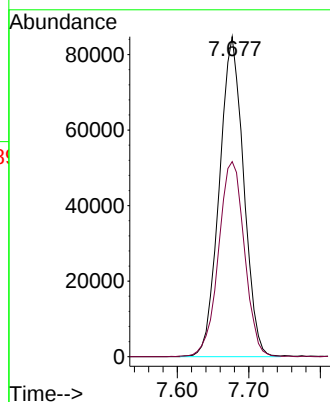
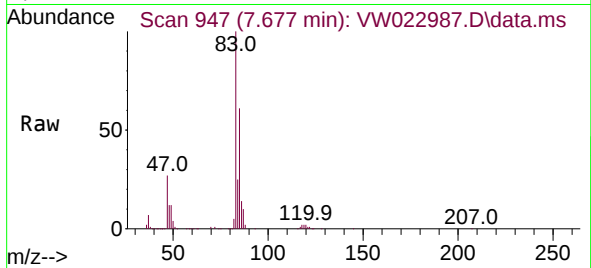




#25
Chloroform
Concen: 26.375 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

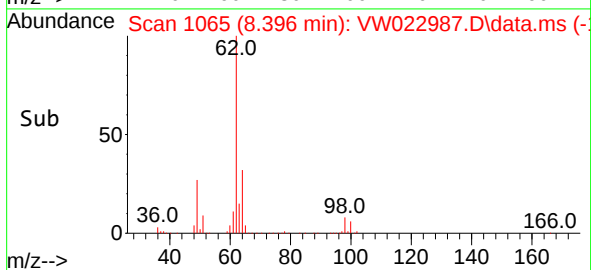
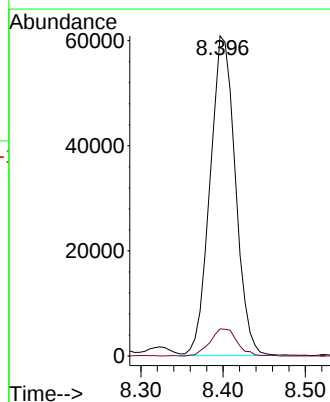
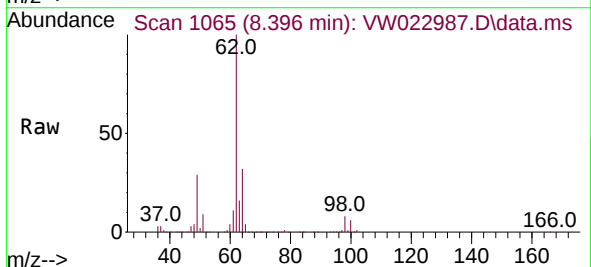
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

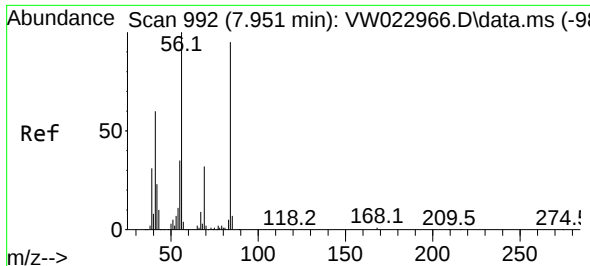
Tgt Ion: 83 Resp: 199732
Ion Ratio Lower Upper
83 100
85 61.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.832 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 62 Resp: 130397
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8

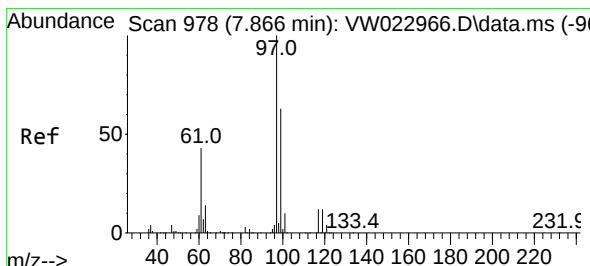
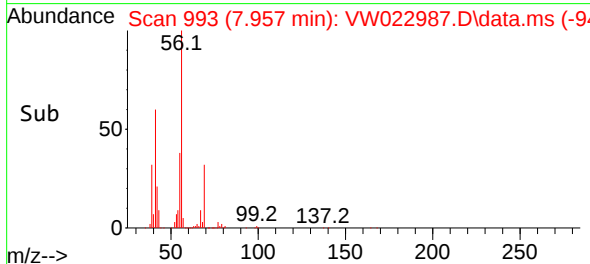
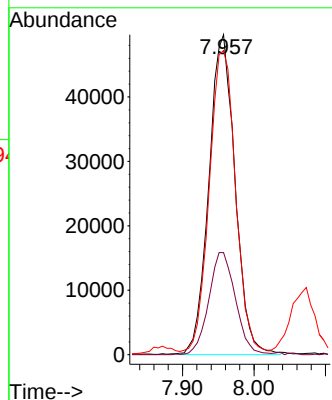
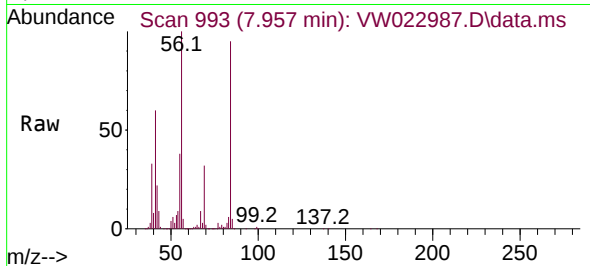




#29
Cyclohexane
Concen: 20.663 ug/L
RT: 7.957 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

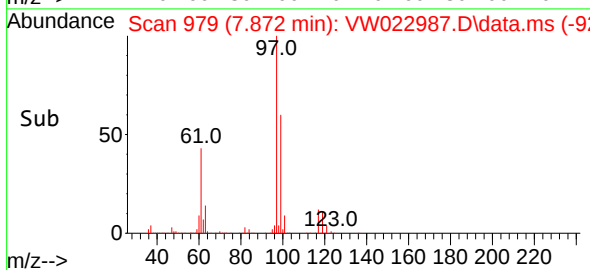
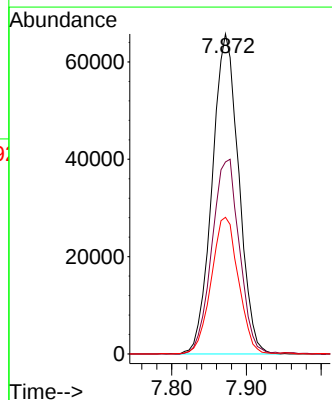
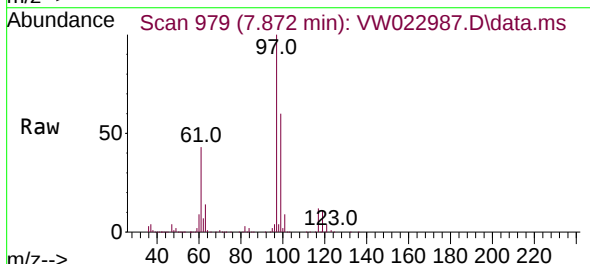
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

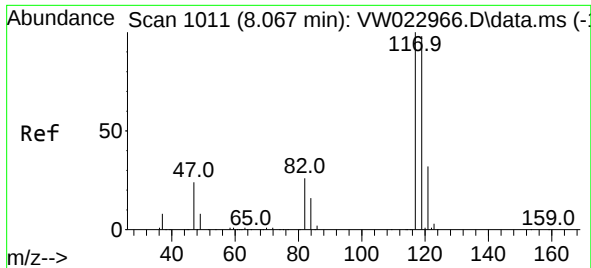
Tgt Ion: 56 Resp: 126302
Ion Ratio Lower Upper
56 100
69 32.5 25.6 38.4
84 96.1 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 24.330 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 97 Resp: 162503
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.4
61 43.7 34.8 52.2

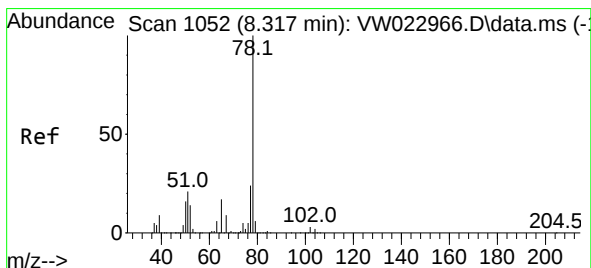
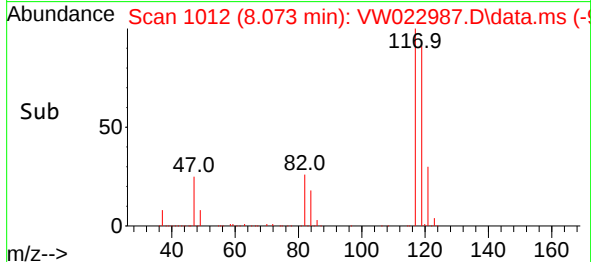
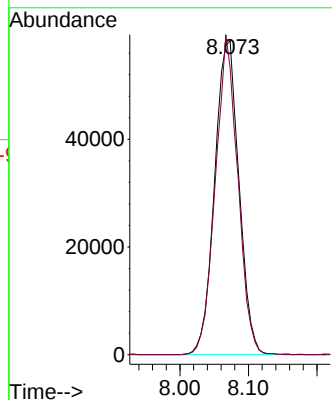
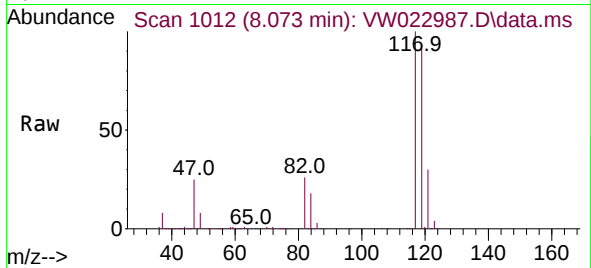




#31
Carbon tetrachloride
Concen: 22.981 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

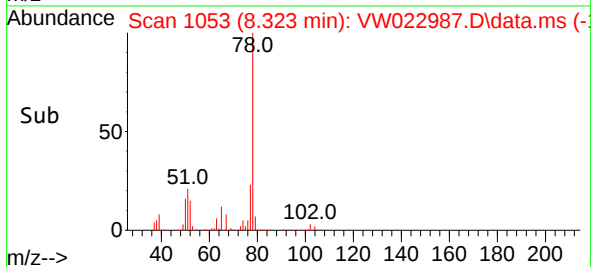
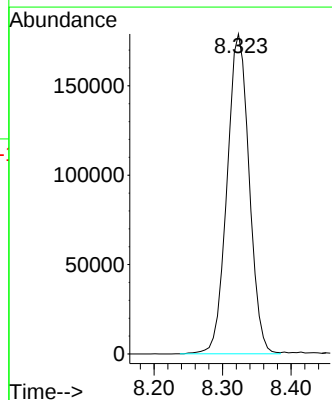
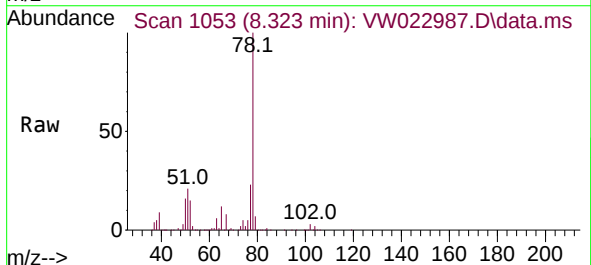
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

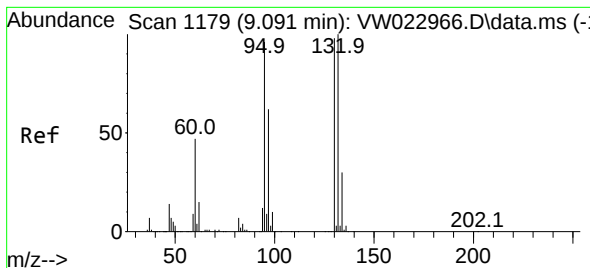
Tgt Ion:117 Resp: 143581
Ion Ratio Lower Upper
117 100
119 93.7 76.6 115.0



#33
Benzene
Concen: 24.048 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 78 Resp: 400397





#34

Trichloroethene

Concen: 23.546 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

Tgt Ion: 95 Resp: 107818

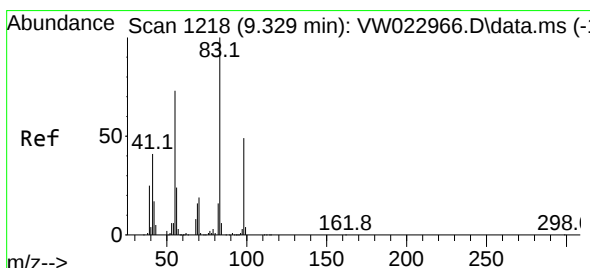
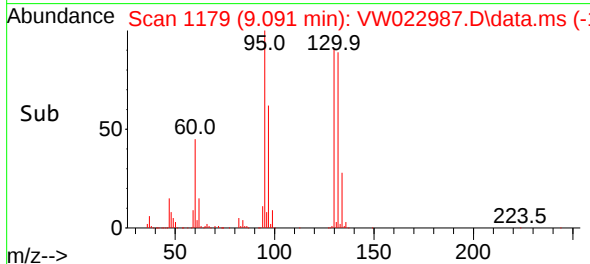
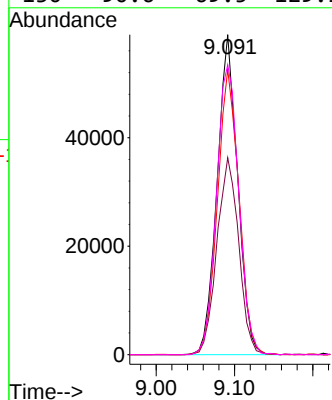
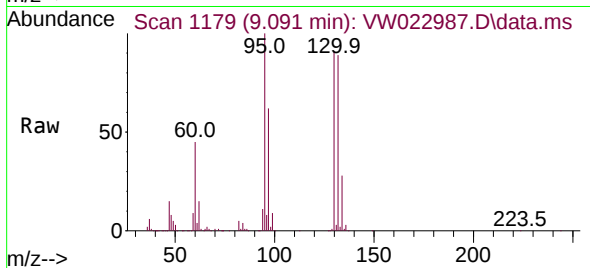
Ion Ratio Lower Upper

95 100

97 61.6 46.1 85.7

132 89.1 66.9 124.3

130 90.6 69.5 129.1



#35

Methylcyclohexane

Concen: 20.773 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

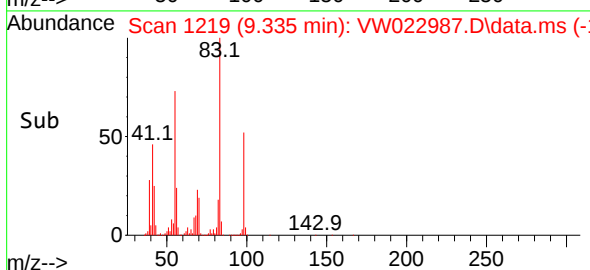
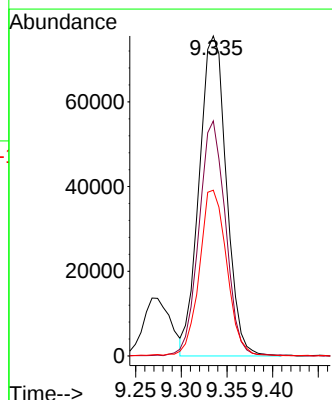
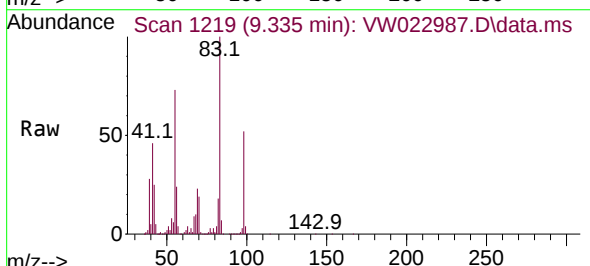
Tgt Ion: 83 Resp: 156261

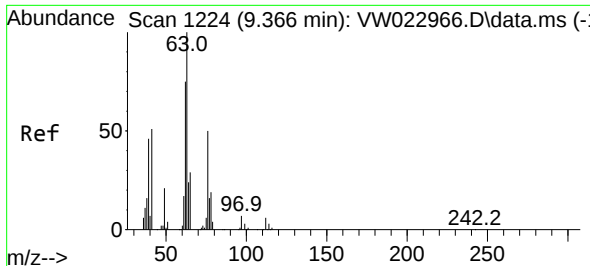
Ion Ratio Lower Upper

83 100

55 71.2 55.1 82.7

98 52.2 40.4 60.6

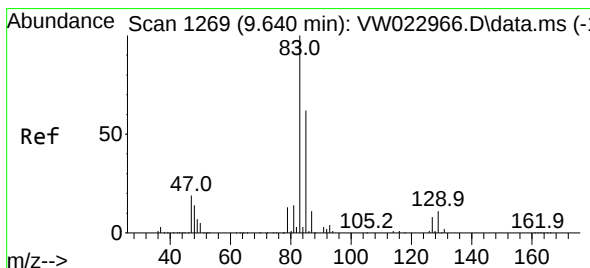
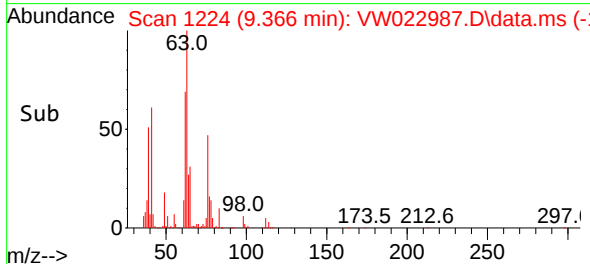
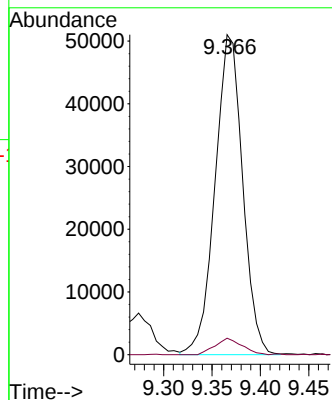
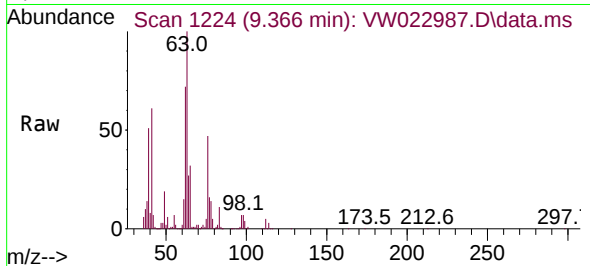




#37
1,2-Dichloropropane
Concen: 25.070 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

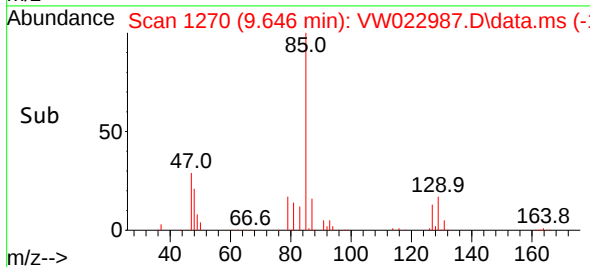
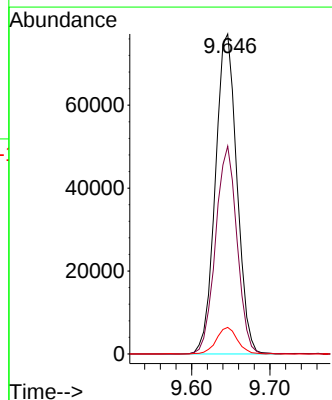
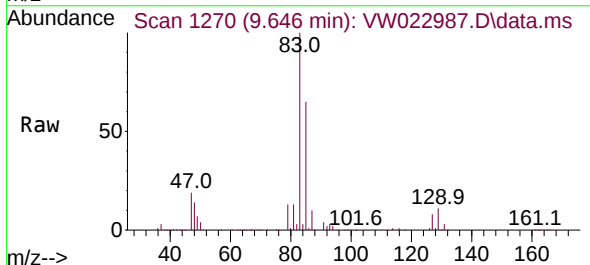
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

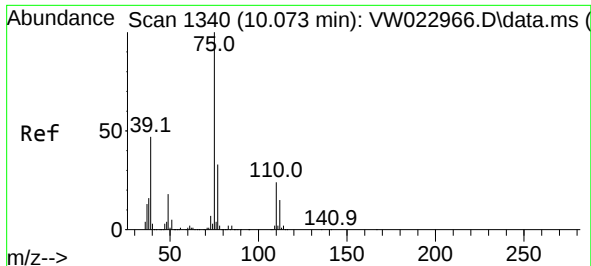
Tgt Ion: 63 Resp: 101013
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.8



#38
Bromodichloromethane
Concen: 25.792 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 83 Resp: 147608
Ion Ratio Lower Upper
83 100
85 65.0 43.5 80.7
127 8.3 7.1 10.7

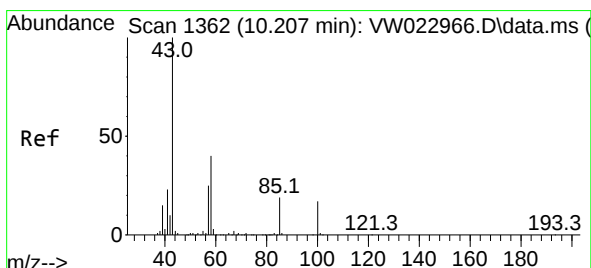
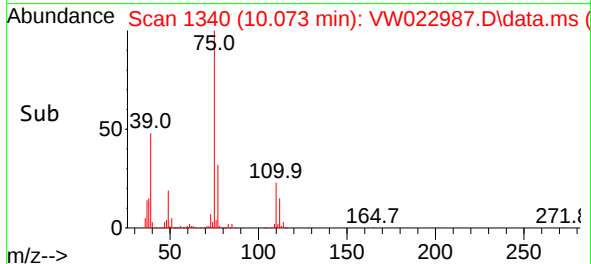
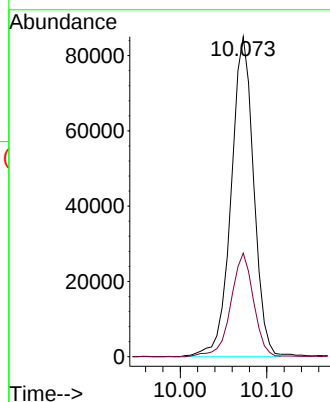
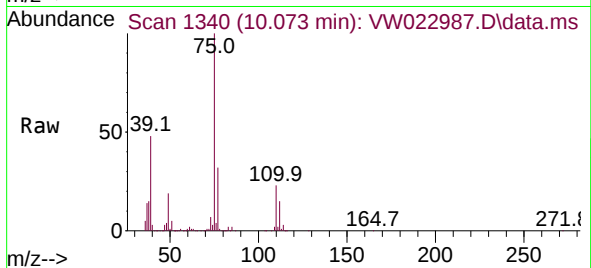




#39
 cis-1,3-Dichloropropene
 Concen: 24.618 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW022987.D
 Acq: 11 May 2022 18:26

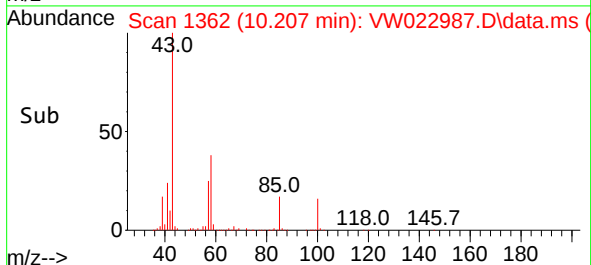
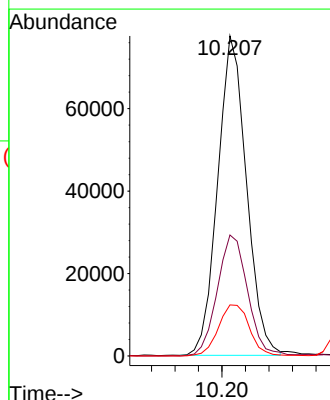
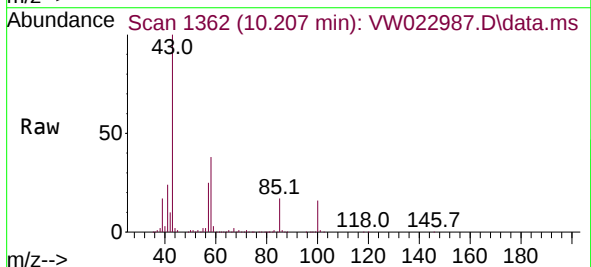
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

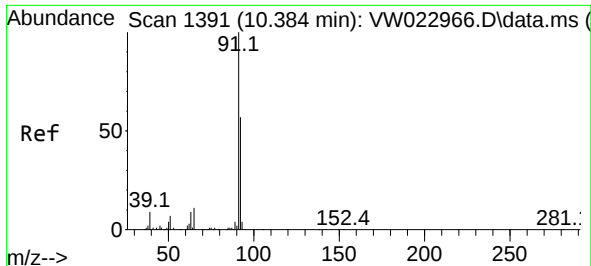
Tgt Ion: 75 Resp: 153801
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 51.837 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW022987.D
 Acq: 11 May 2022 18:26

Tgt Ion: 43 Resp: 131645
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.4 47.2
 100 17.4 14.2 21.4

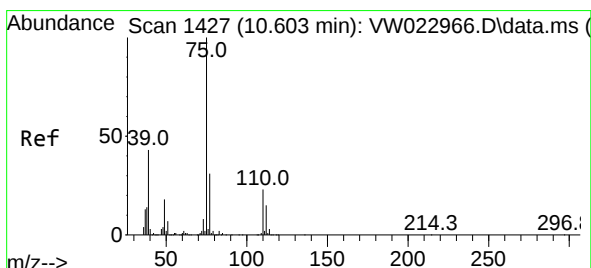
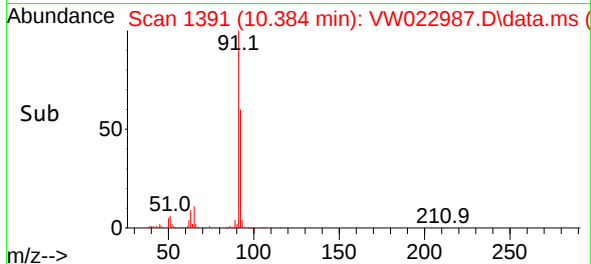
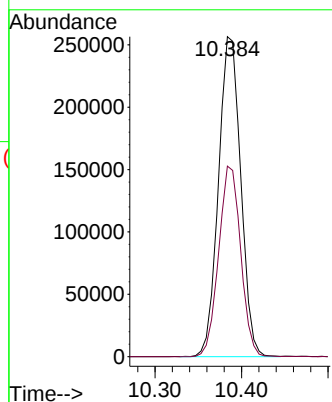
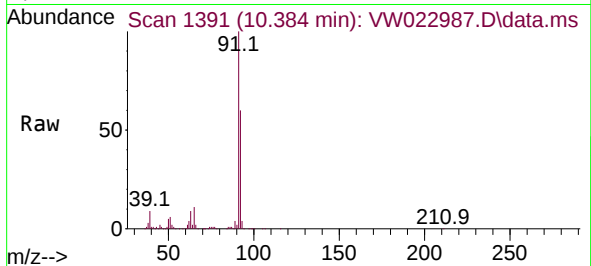




#42
Toluene
Concen: 24.572 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

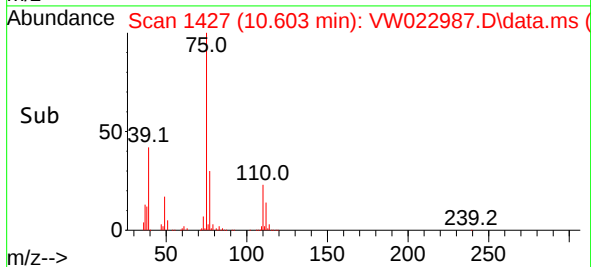
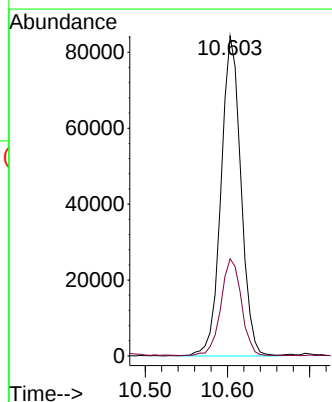
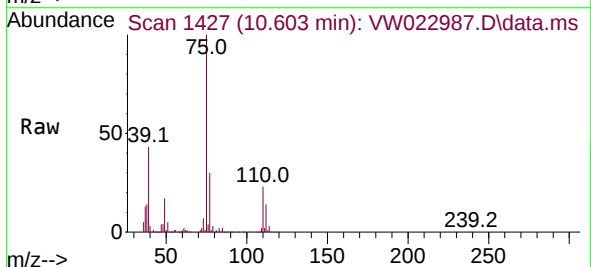
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

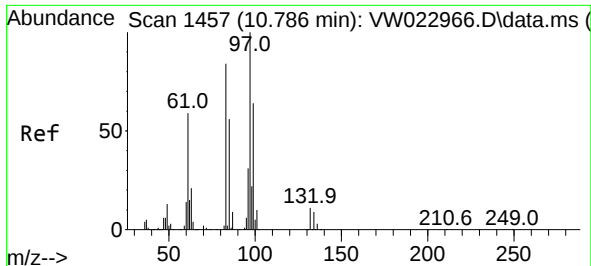
Tgt Ion: 91 Resp: 458493
Ion Ratio Lower Upper
91 100
92 59.5 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.449 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion: 75 Resp: 141912
Ion Ratio Lower Upper
75 100
77 30.3 22.0 40.8

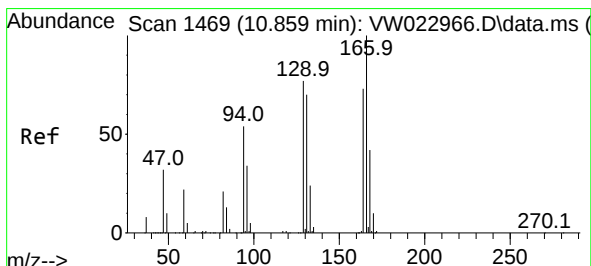
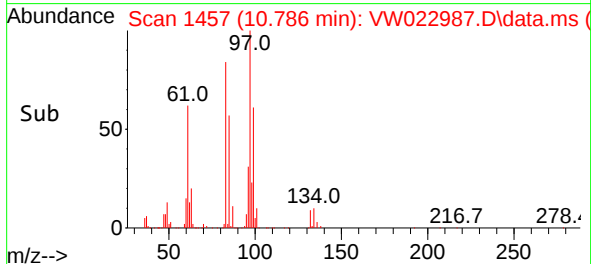
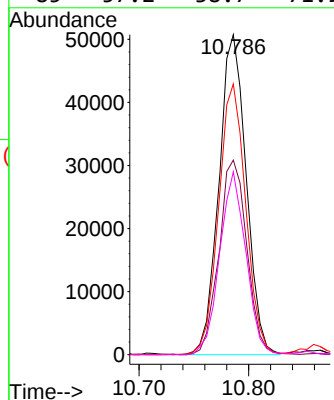
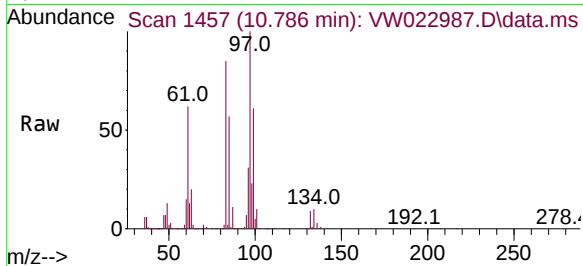




#45
1,1,2-Trichloroethane
Concen: 26.080 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

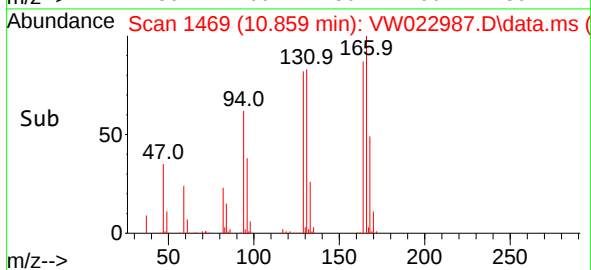
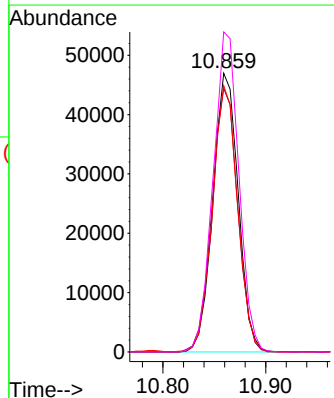
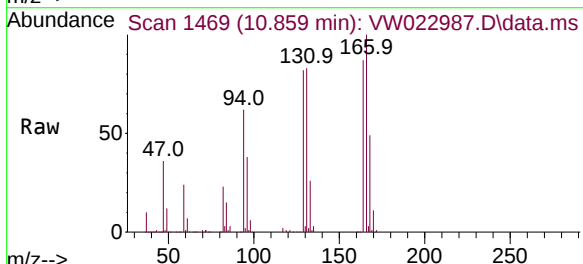
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

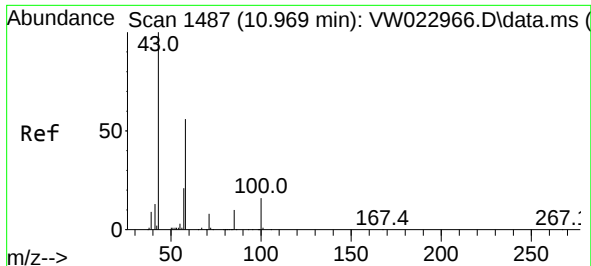
Tgt Ion: 97	Resp: 87845
Ion Ratio	Lower Upper
97 100	
99 60.8	44.7 82.9
83 84.6	58.4 108.4
85 57.2	38.7 71.9



#46
Tetrachloroethene
Concen: 23.226 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt	Ion:164	Resp:	79922
Ion	Ratio	Lower	Upper
164	100		
129	94.5	76.9	142.7
131	95.5	75.1	139.5
166	114.8	96.0	178.2

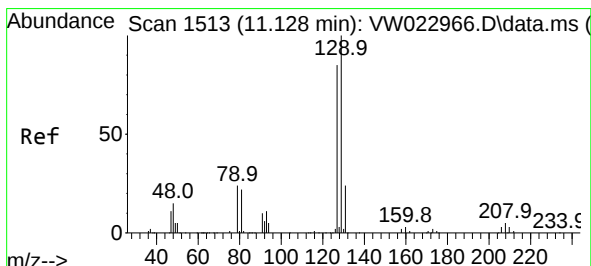
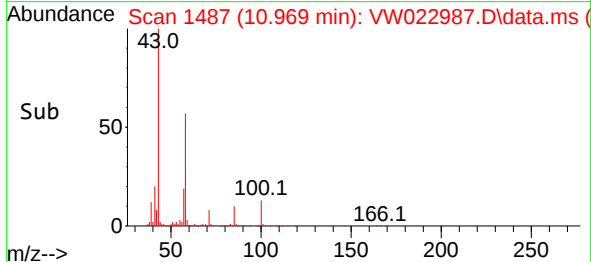
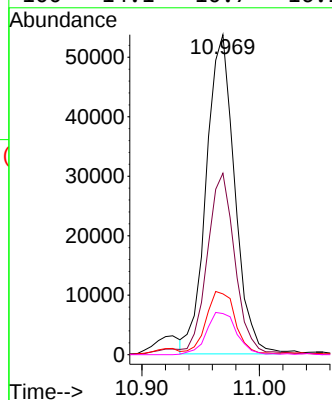
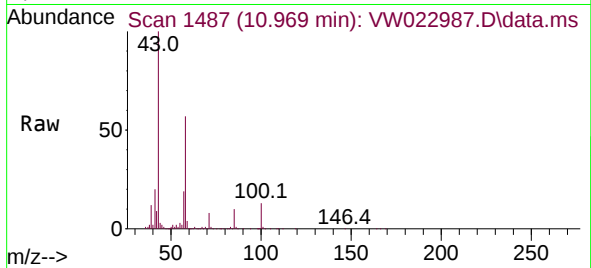




#48
2-Hexanone
Concen: 52.991 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

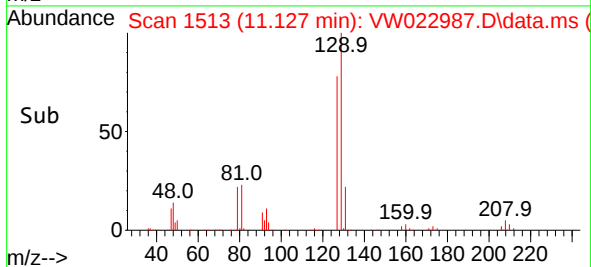
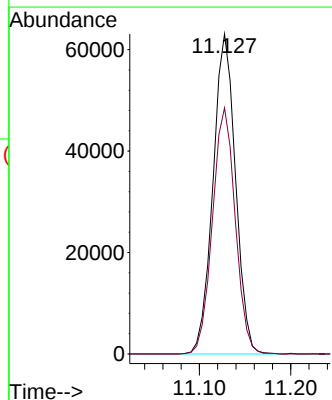
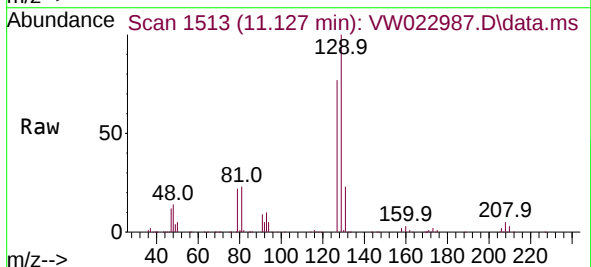
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

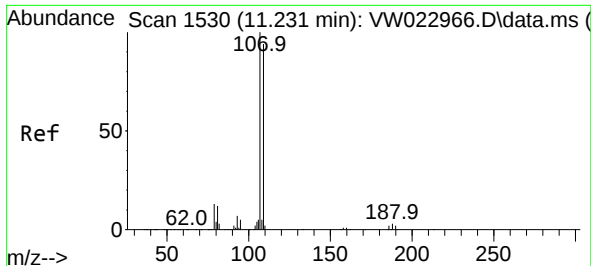
Tgt Ion:	43	Resp:	89919
Ion	Ratio	Lower	Upper
43	100		
58	53.2	45.9	68.9
57	20.3	16.2	24.2
100	14.1	10.7	16.1



#49
Dibromochloromethane
Concen: 26.603 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion:	129	Resp:	107847
Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.8	100.0





#50

1,2-Dibromoethane

Concen: 24.947 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

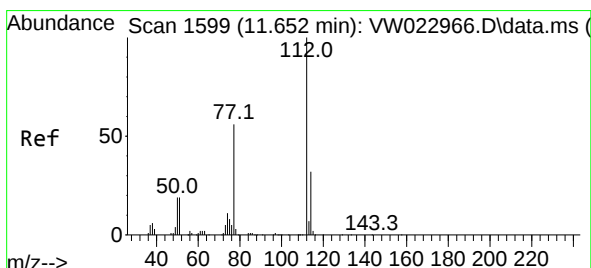
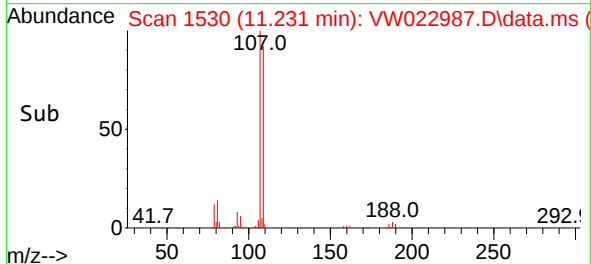
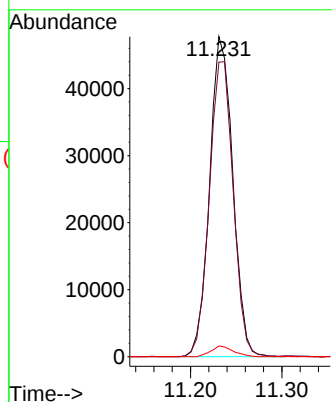
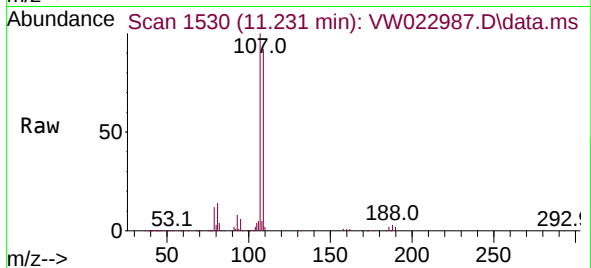
Tgt Ion:107 Resp: 84375

Ion Ratio Lower Upper

107 100

109 92.1 67.5 125.4

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 25.063 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

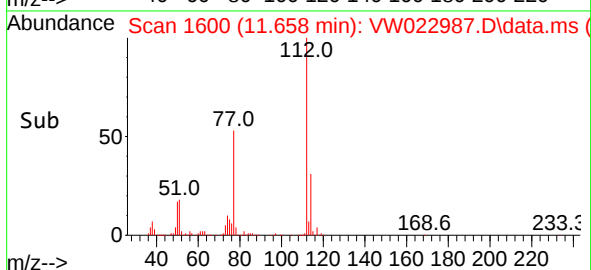
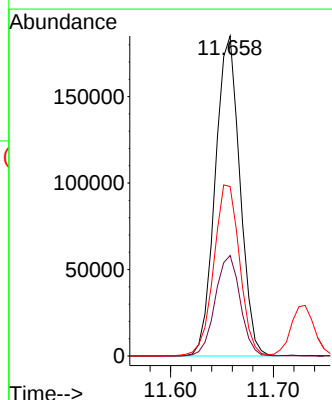
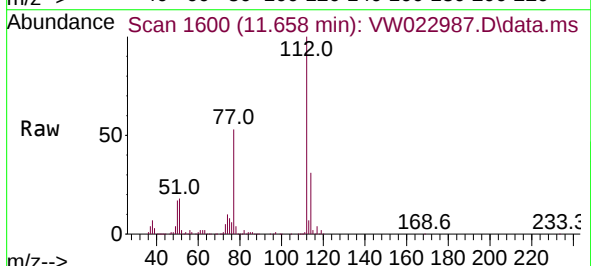
Tgt Ion:112 Resp: 308307

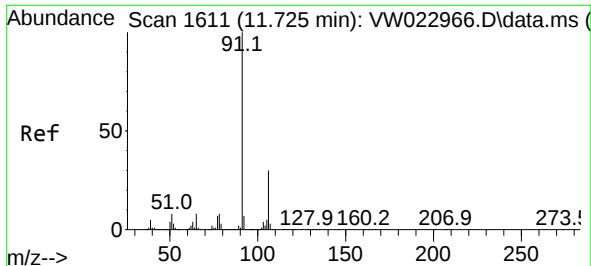
Ion Ratio Lower Upper

112 100

114 31.4 22.0 41.0

77 52.9 42.6 63.8

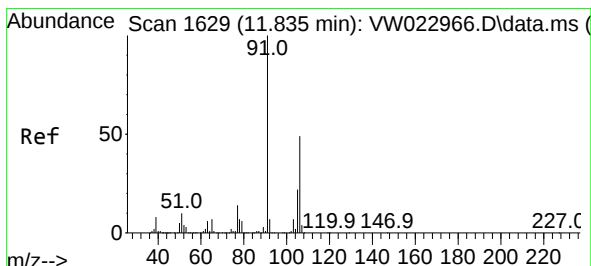
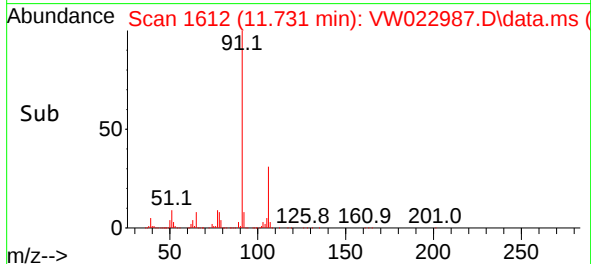
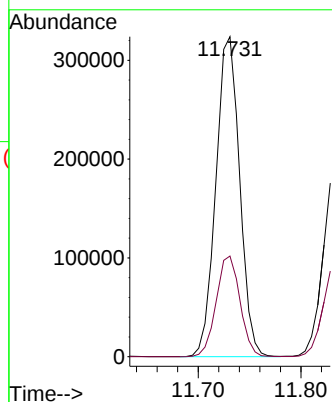
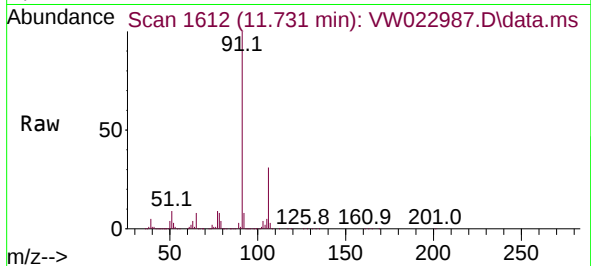




#52
Ethylbenzene
Concen: 25.040 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

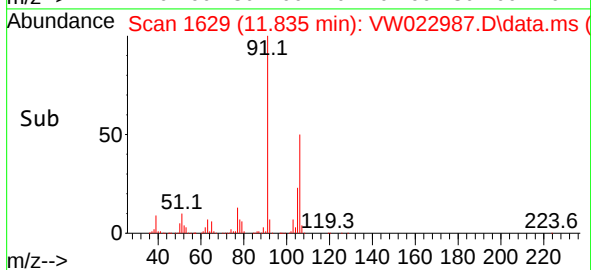
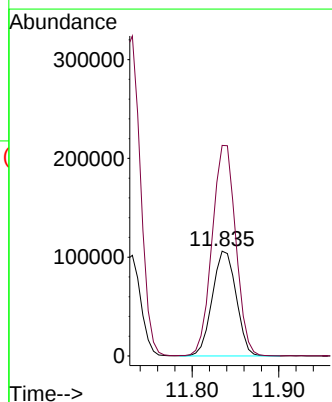
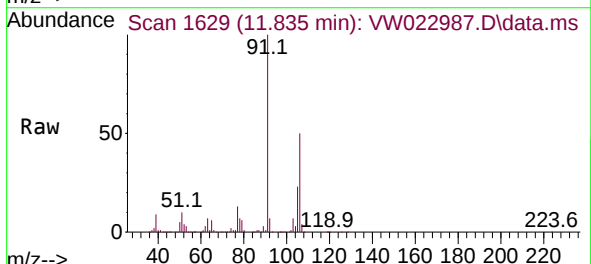
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

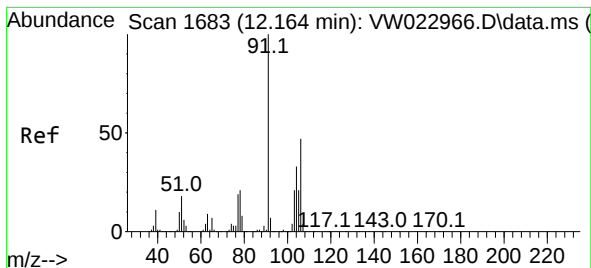
Tgt Ion: 91 Resp: 519815
Ion Ratio Lower Upper
91 100
106 31.5 22.3 41.3



#53
m,p-Xylene
Concen: 24.903 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion:106 Resp: 203698
Ion Ratio Lower Upper
106 100
91 200.9 136.8 254.0





#54

o-Xylene

Concen: 25.204 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

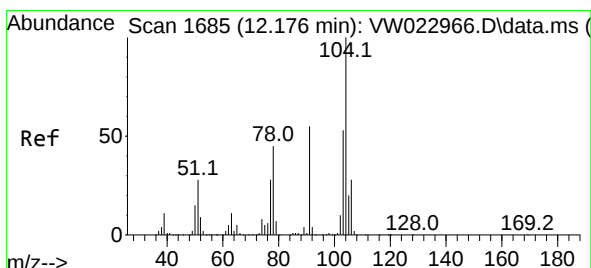
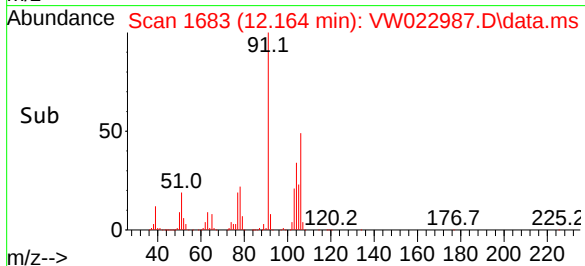
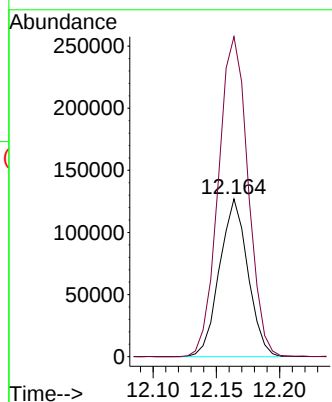
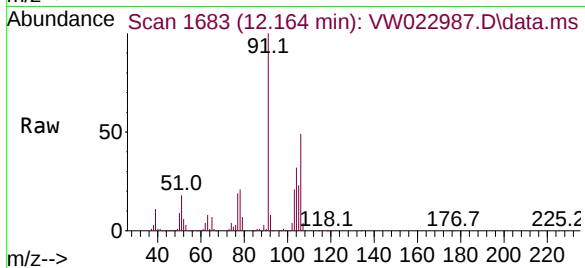
VSTD025527

Tgt Ion:106 Resp: 197833

Ion Ratio Lower Upper

106 100

91 202.9 147.2 273.4



#55

Styrene

Concen: 26.367 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW022987.D

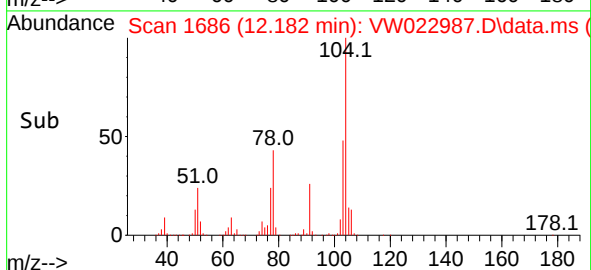
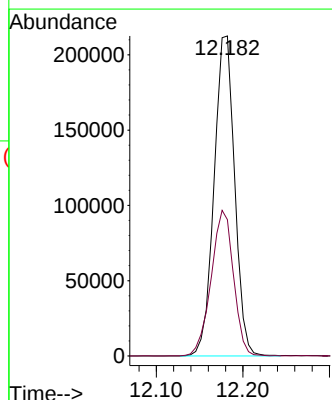
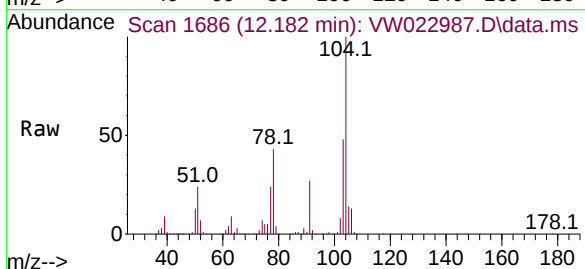
Acq: 11 May 2022 18:26

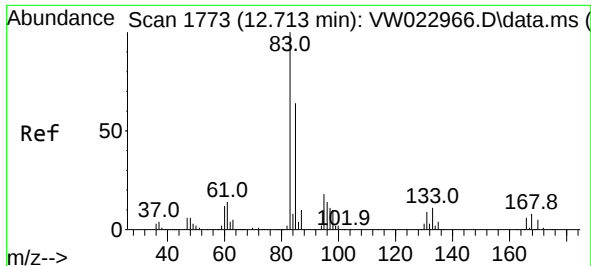
Tgt Ion:104 Resp: 351681

Ion Ratio Lower Upper

104 100

78 42.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.052 ug/L

RT: 12.712 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

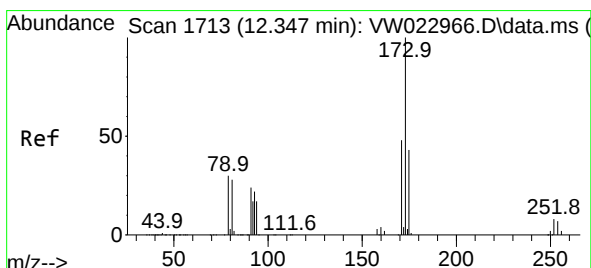
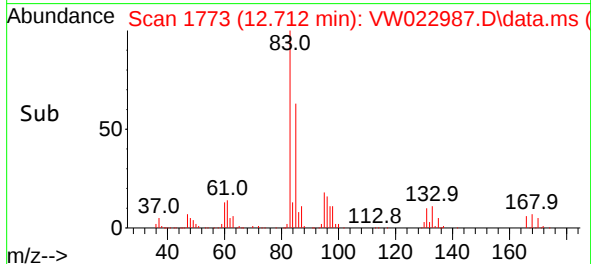
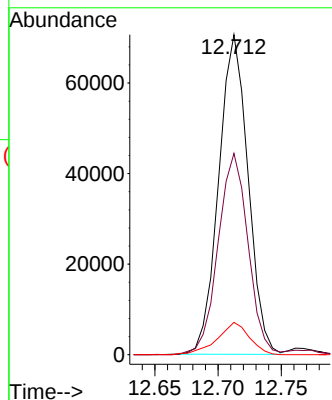
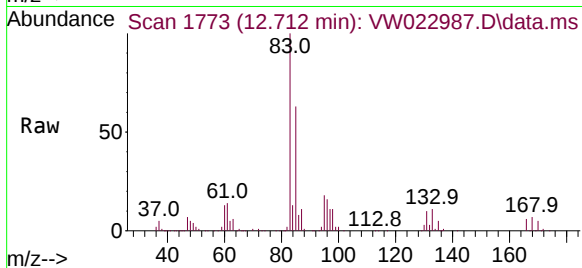
Tgt Ion: 83 Resp: 113812

Ion Ratio Lower Upper

83 100

85 62.9 47.5 88.1

131 10.1 8.7 13.1



#59

Bromoform

Concen: 25.222 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

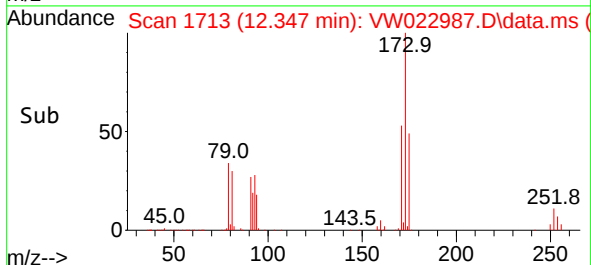
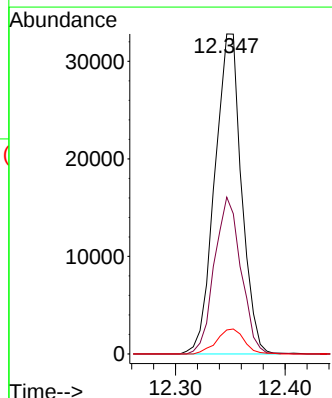
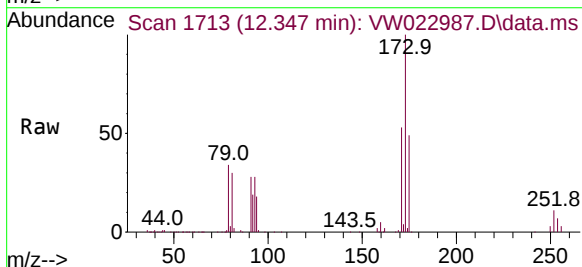
Tgt Ion: 173 Resp: 55712

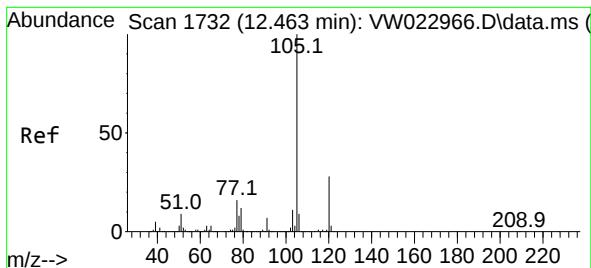
Ion Ratio Lower Upper

173 100

175 48.6 38.1 57.1

254 8.0 6.5 9.7





#60

Isopropylbenzene

Concen: 25.656 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

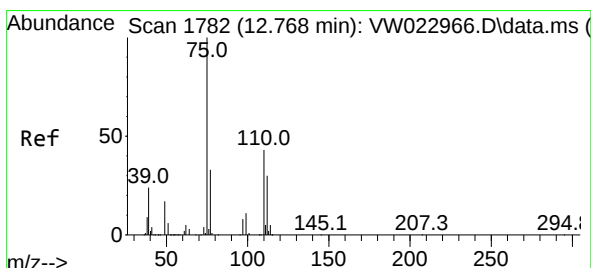
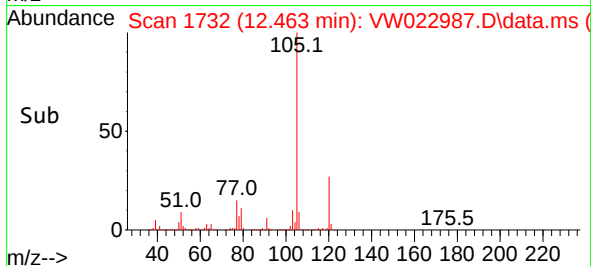
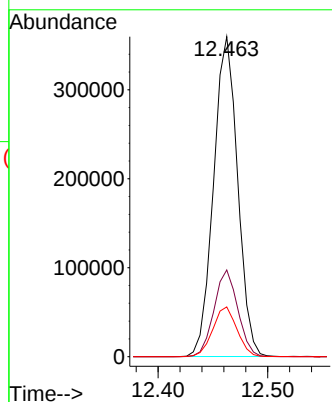
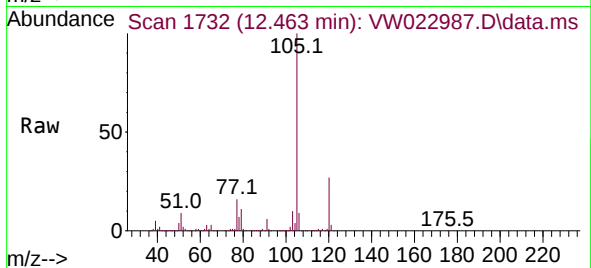
Tgt Ion:105 Resp: 547818

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 26.054 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

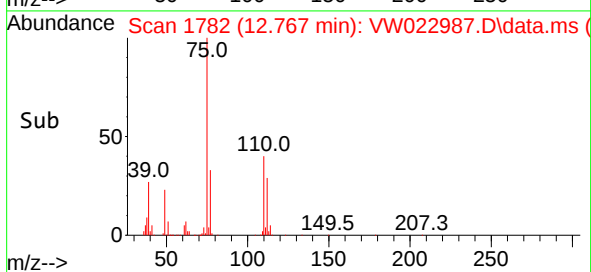
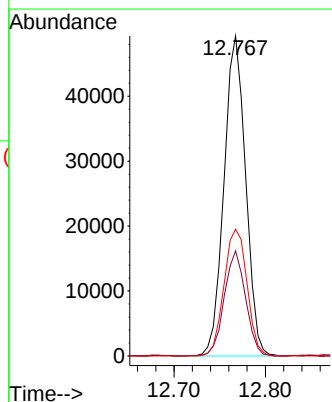
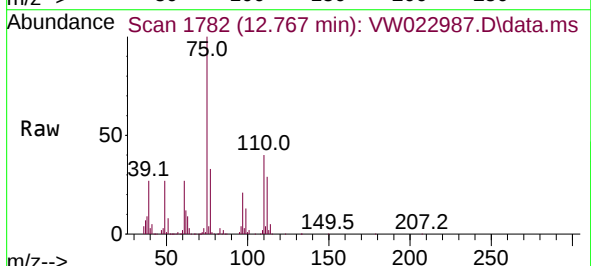
Tgt Ion: 75 Resp: 81141

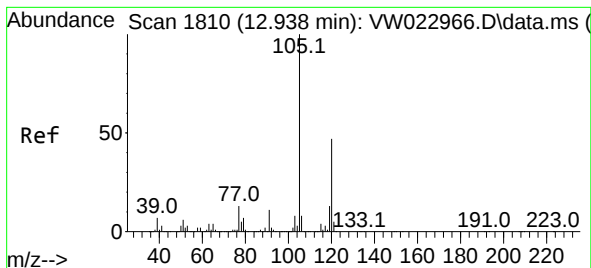
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

110 42.0 34.1 51.1

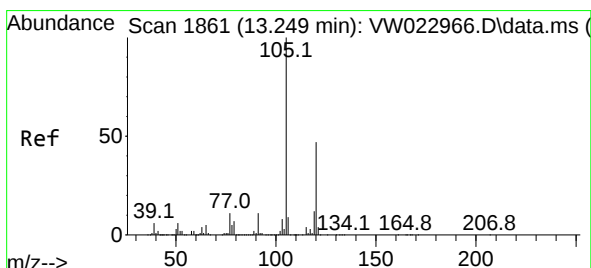
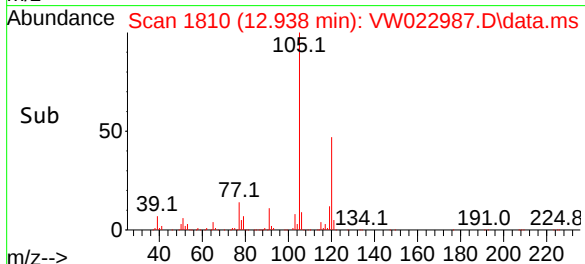
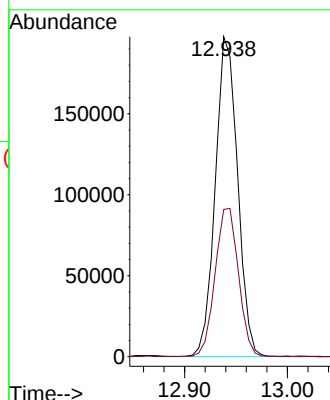
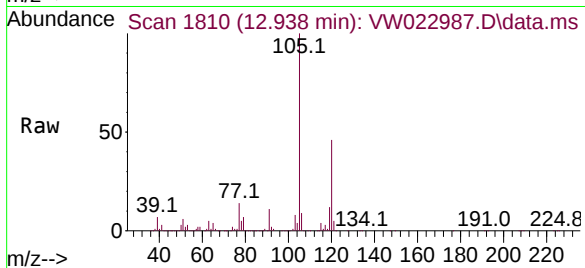




#62
1,3,5-Trimethylbenzene
Concen: 25.016 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

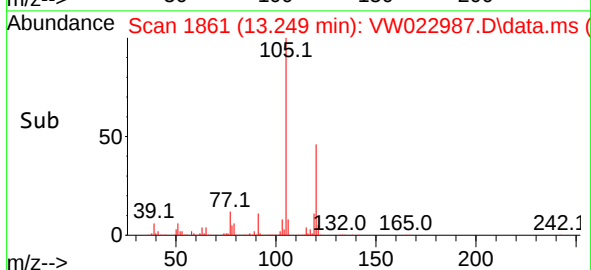
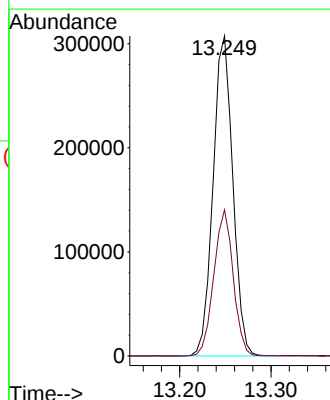
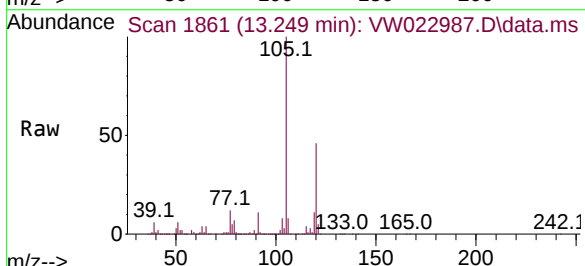
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

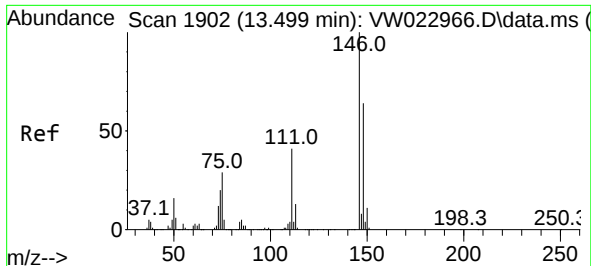
Tgt Ion:105 Resp: 297172
Ion Ratio Lower Upper
105 100
120 48.8 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 25.949 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion:105 Resp: 462859
Ion Ratio Lower Upper
105 100
120 44.8 37.4 56.2

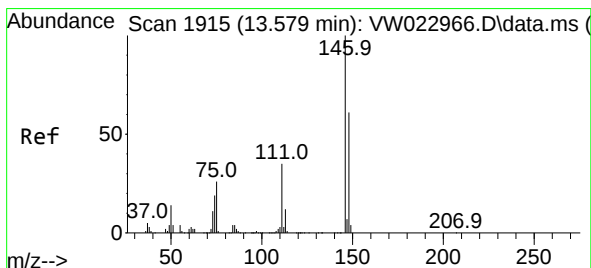
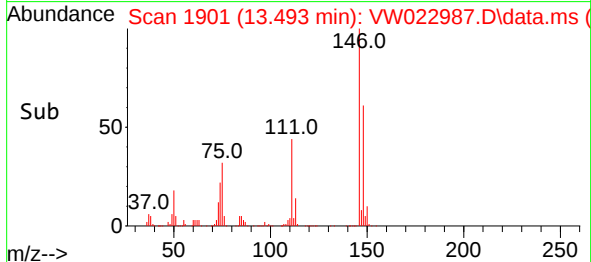
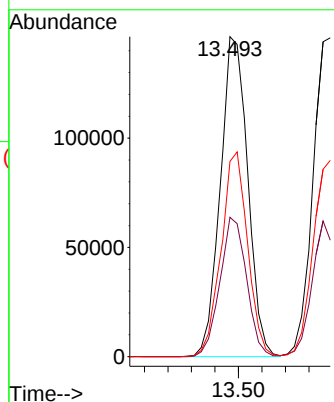
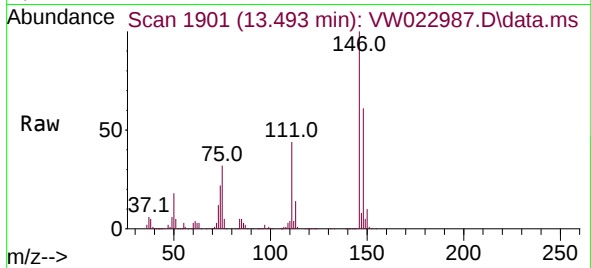




#64
1,3-Dichlorobenzene
Concen: 24.889 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

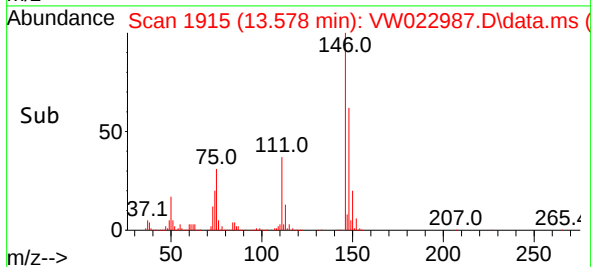
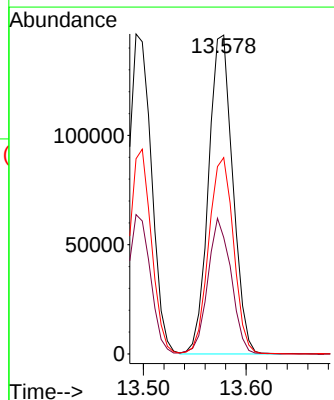
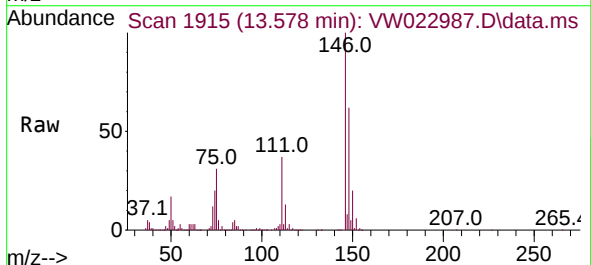
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

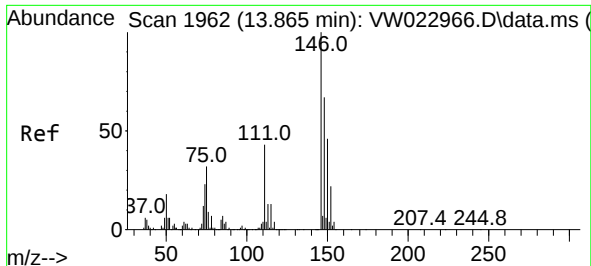
Tgt Ion:146 Resp: 237279
Ion Ratio Lower Upper
146 100
111 43.5 29.5 54.9
148 61.0 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.274 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion:146 Resp: 239030
Ion Ratio Lower Upper
146 100
111 36.5 27.2 50.4
148 61.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.786 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

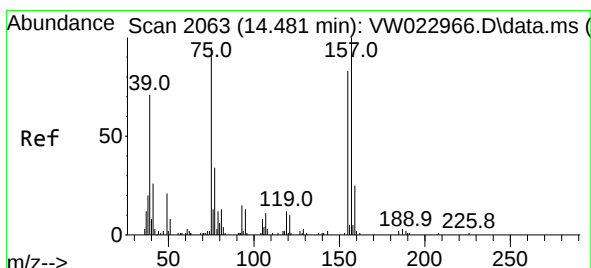
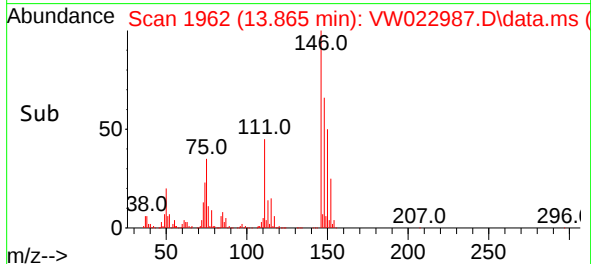
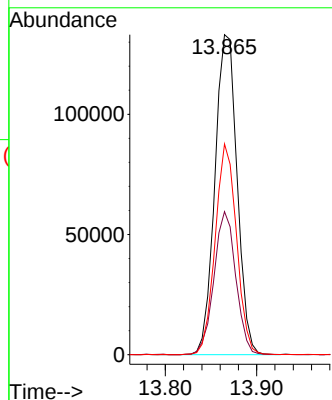
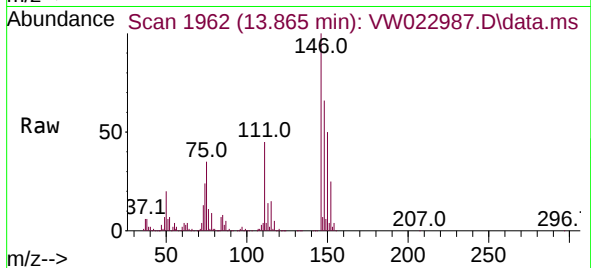
Tgt Ion:146 Resp: 224955

Ion Ratio Lower Upper

146 100

111 44.7 35.7 53.5

148 65.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.855 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

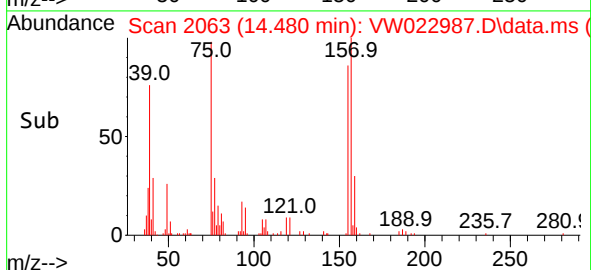
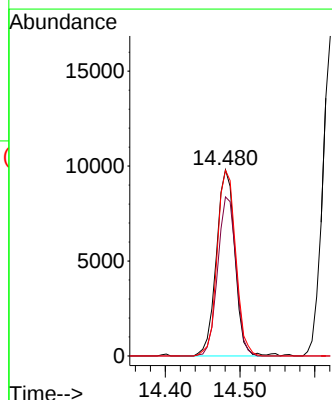
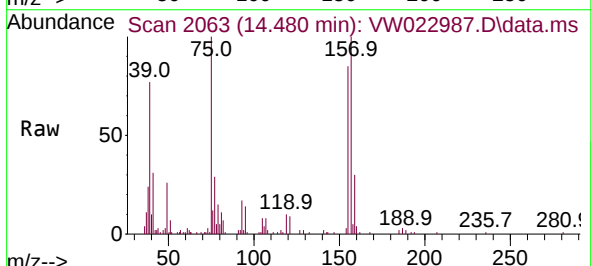
Tgt Ion: 75 Resp: 16917

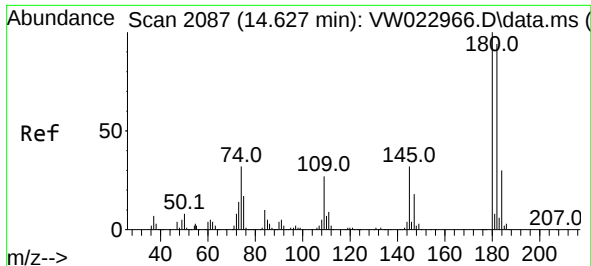
Ion Ratio Lower Upper

75 100

155 85.4 59.3 88.9

157 99.7 89.8 134.8

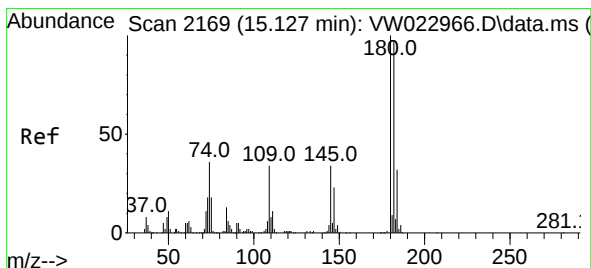
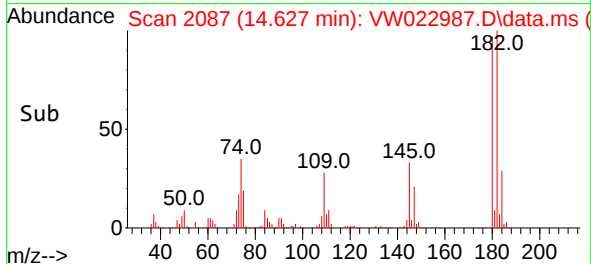
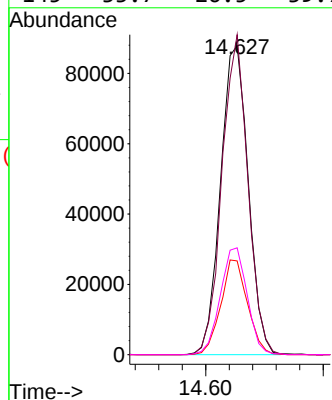
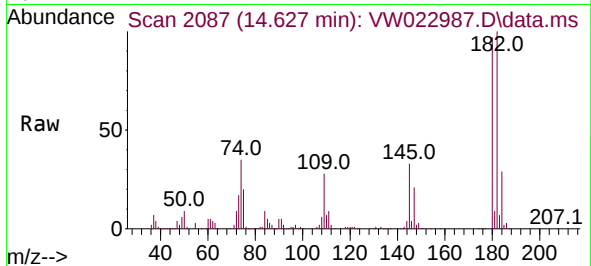




#69
1,3,5-Trichlorobenzene
Concen: 22.746 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

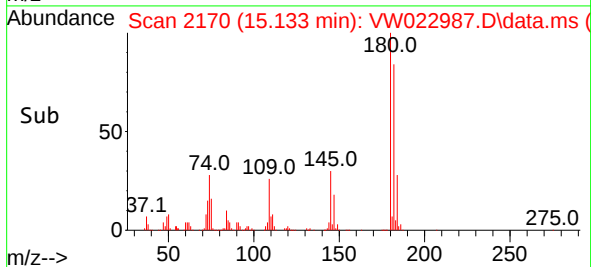
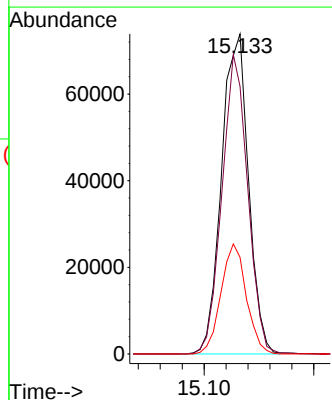
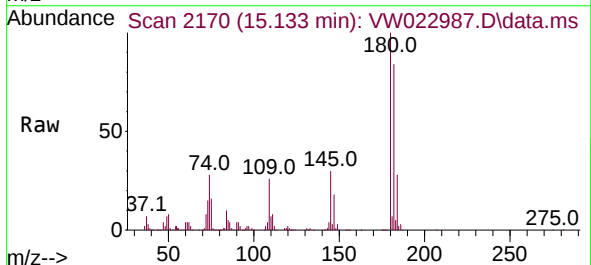
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

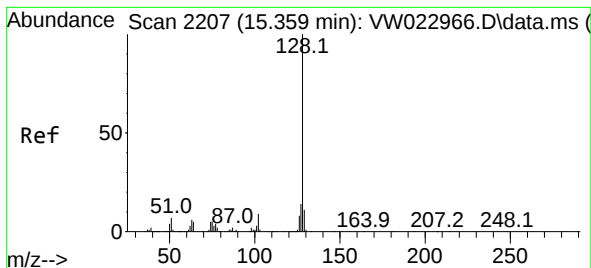
Tgt Ion:	180	Resp:	143939
Ion Ratio	Lower	Upper	
180	100		
182	96.8	74.8	112.2
184	29.6	23.4	35.2
145	33.7	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 24.749 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW022987.D
Acq: 11 May 2022 18:26

Tgt Ion:	180	Resp:	125983
Ion Ratio	Lower	Upper	
180	100		
182	89.4	74.9	112.3
145	32.3	26.6	39.8





#71

Naphthalene

Concen: 25.531 ug/L

RT: 15.364 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

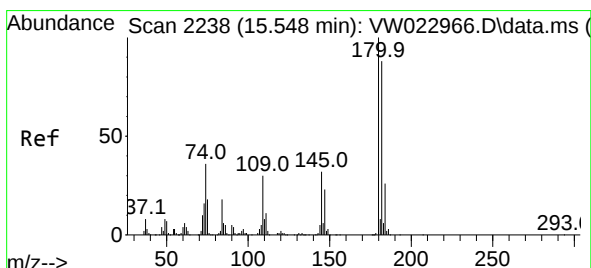
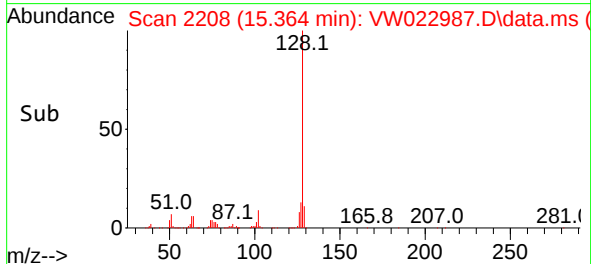
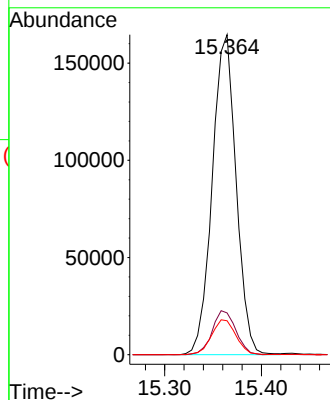
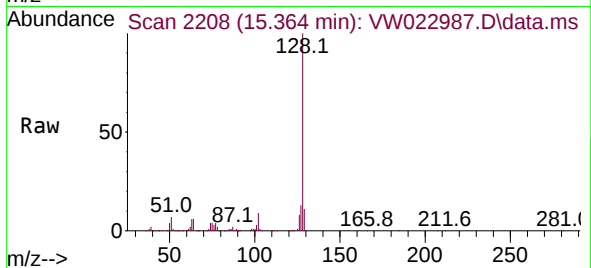
Tgt Ion:128 Resp: 282474

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.229 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022987.D

Acq: 11 May 2022 18:26

Tgt Ion:180 Resp: 109312

Ion Ratio Lower Upper

180 100

182 96.3 73.5 110.3

145 36.4 27.9 41.9

