

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023695.D
 Acq On : 14 Jul 2022 12:03
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Quant Time: Jul 15 01:34:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	184722	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	194698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	115114	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	144568	30.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.560%	
7) Chloroethane-d5	2.879	69	93600	29.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.960%	
11) 1,1-Dichloroethene-d2	4.019	63	88061	22.922	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 91.680%	
21) 2-Butanone-d5	7.080	46	34502	47.147	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.300%	
24) Chloroform-d	7.647	84	128379	23.871	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 95.480%	
26) 1,2-Dichloroethane-d4	8.305	65	80217	24.387	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 97.560%	
32) Benzene-d6	8.275	84	250470	24.747	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 99.000%	
36) 1,2-Dichloropropane-d6	9.274	67	74954	24.586	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.360%	
41) Toluene-d8	10.323	98	257937	25.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.520%	
43) trans-1,3-Dichloroprop...	10.579	79	35988	25.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.720%	
47) 2-Hexanone-d5	10.920	63	32967	51.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.860%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	87519	25.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 103.920%	
66) 1,2-Dichlorobenzene-d4	13.853	152	97389	23.700	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	27304	21.751	ug/L	99
3) Chloromethane	2.215	50	71092	23.126	ug/L	98
5) Vinyl chloride	2.355	62	151810	28.759	ug/L	98
6) Bromomethane	2.769	94	86833	25.431	ug/L	95
8) Chloroethane	2.916	64	68814	27.864	ug/L	99
9) Trichlorofluoromethane	3.251	101	64490	26.876	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	54654	23.274	ug/L	97
12) 1,1-Dichloroethene	4.037	96	44181	22.563	ug/L	92
13) Acetone	4.123	43	22661	43.798	ug/L	80
14) Carbon disulfide	4.385	76	121941	21.170	ug/L	97
15) Methyl Acetate	4.672	43	27848	24.049	ug/L	99
16) Methylene chloride	4.915	84	57817	20.016	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	53368	22.463	ug/L	90
18) Methyl tert-butyl Ether	5.421	73	88595	24.104	ug/L	100
19) 1,1-Dichloroethane	6.214	63	106117	24.214	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	62254	23.652	ug/L	96
22) 2-Butanone	7.177	43	41965	49.354	ug/L	98
23) Bromochloromethane	7.512	128	31323	24.773	ug/L	94
25) Chloroform	7.677	83	121113	23.989	ug/L	86

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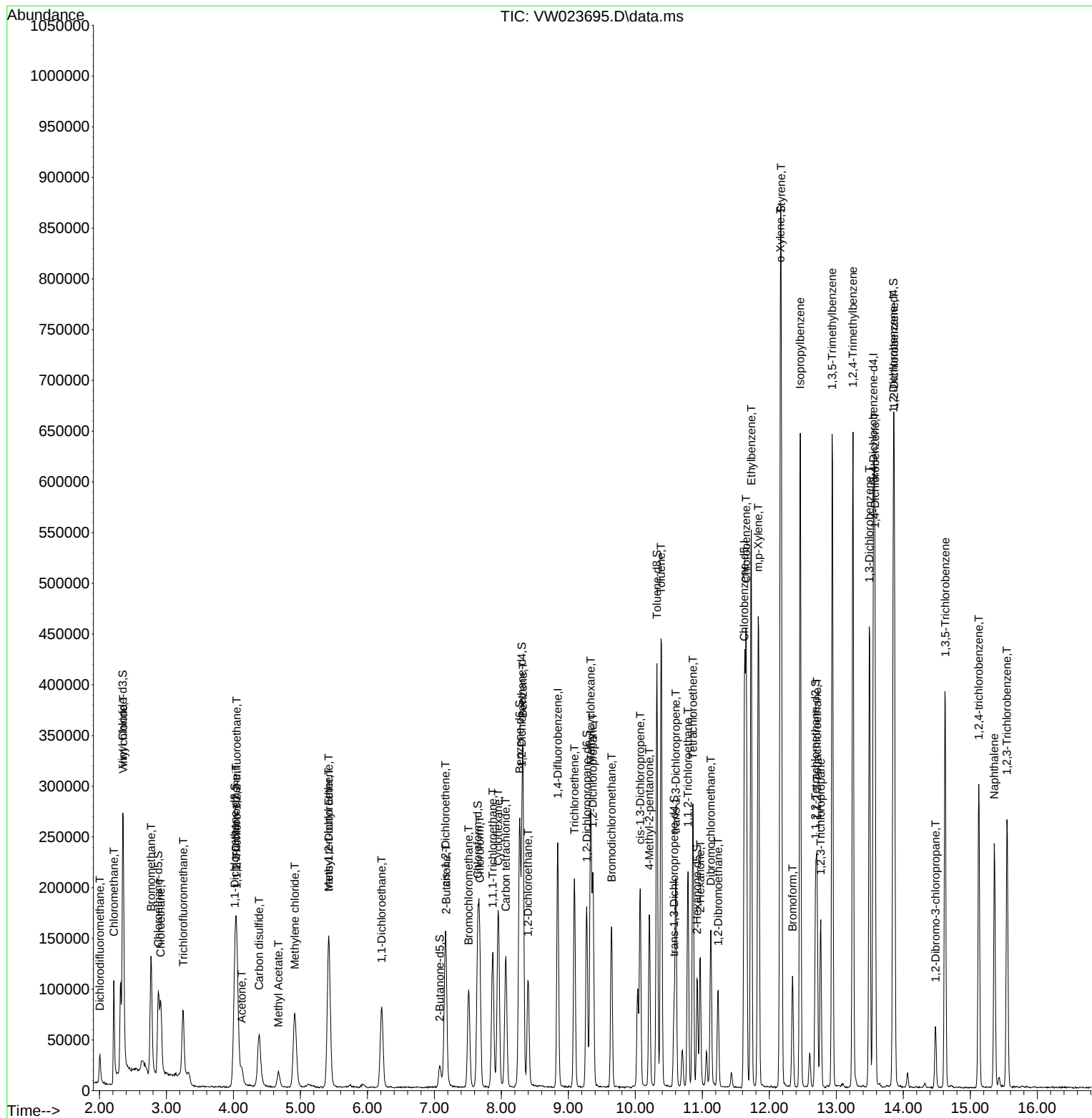
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	92632	24.929	ug/L	98
29) Cyclohexane	7.951	56	80786	22.687	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	97454	23.117	ug/L	98
31) Carbon tetrachloride	8.067	117	88174	23.203	ug/L	99
33) Benzene	8.323	78	267108	24.142	ug/L	100
34) Trichloroethene	9.091	95	65905	22.557	ug/L	91
35) Methylcyclohexane	9.335	83	100386	22.564	ug/L	99
37) 1,2-Dichloropropane	9.366	63	66187	23.861	ug/L #	97
38) Bromodichloromethane	9.646	83	97248	25.120	ug/L #	92
39) cis-1,3-Dichloropropene	10.073	75	103833	24.835	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	103915	53.836	ug/L	98
42) Toluene	10.384	91	312978	24.804	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	101960	25.658	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	59256	24.431	ug/L	99
46) Tetrachloroethene	10.859	164	54086	23.941	ug/L	90
48) 2-Hexanone	10.969	43	78432	55.810	ug/L	98
49) Dibromochloromethane	11.128	129	71726	25.501	ug/L	97
50) 1,2-Dibromoethane	11.237	107	58630	25.161	ug/L #	94
51) Chlorobenzene	11.652	112	203917	23.962	ug/L	98
52) Ethylbenzene	11.731	91	360920	25.171	ug/L	94
53) m,p-Xylene	11.835	106	141622	25.315	ug/L	99
54) o-Xylene	12.164	106	136568	25.419	ug/L	94
55) Styrene	12.176	104	254875	26.853	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	88496	26.750	ug/L	98
59) Bromoform	12.347	173	41941	24.709	ug/L #	99
60) Isopropylbenzene	12.463	105	382657	24.746	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	60546	23.987	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	317783	25.102	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	318068	25.129	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	166271	23.682	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	173290	23.200	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	165243	24.956	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14033	24.104	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	102199	21.992	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	85769	23.902	ug/L	94
71) Naphthalene	15.359	128	185392	24.085	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	75653	22.619	ug/L	98

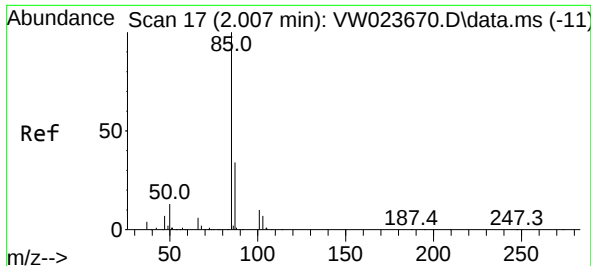
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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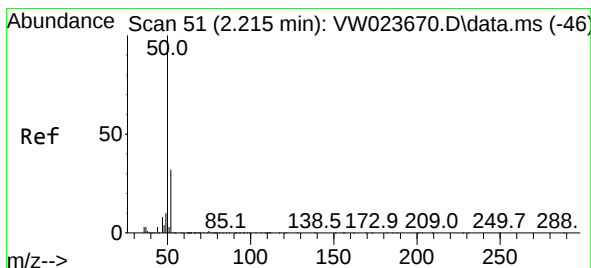
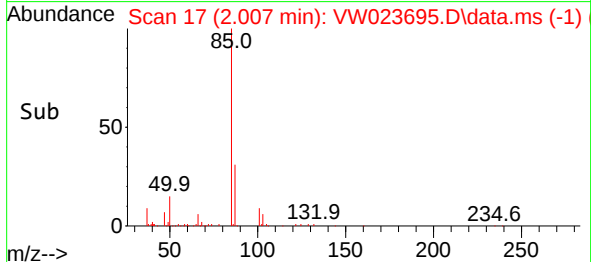
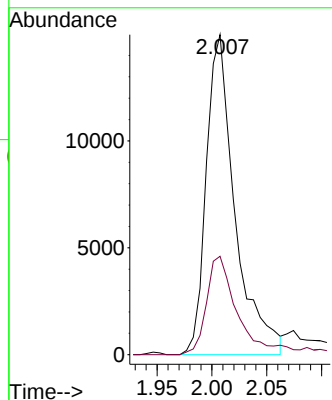
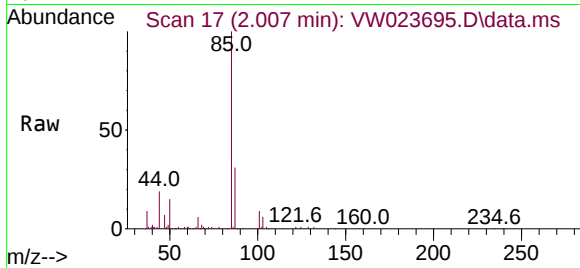




#2
Dichlorodifluoromethane
Concen: 21.751 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

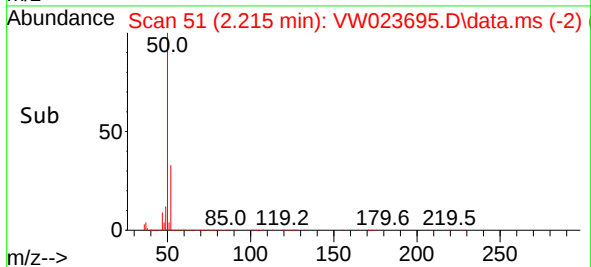
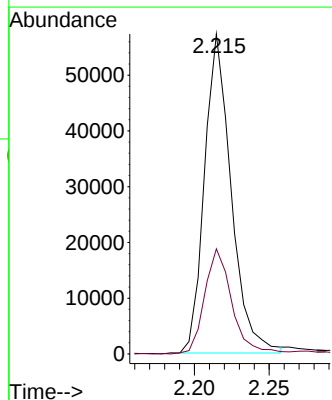
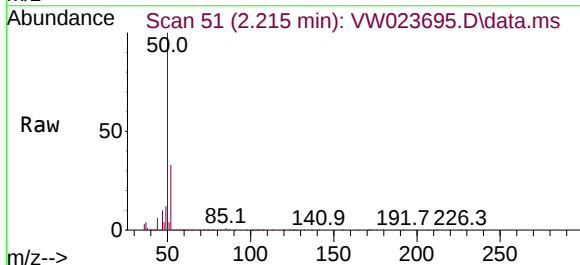
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MSVOA_W
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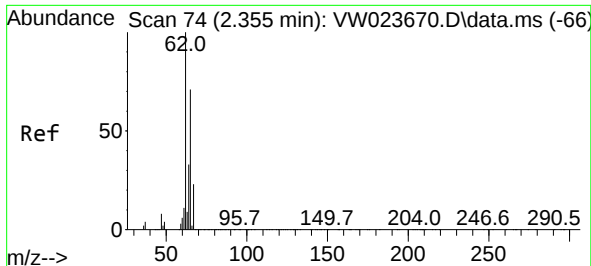
Tgt Ion: 85 Resp: 27304
Ion Ratio Lower Upper
85 100
87 31.6 24.7 37.1



#3
Chloromethane
Concen: 23.126 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 50 Resp: 71092
Ion Ratio Lower Upper
50 100
52 32.9 23.7 44.1

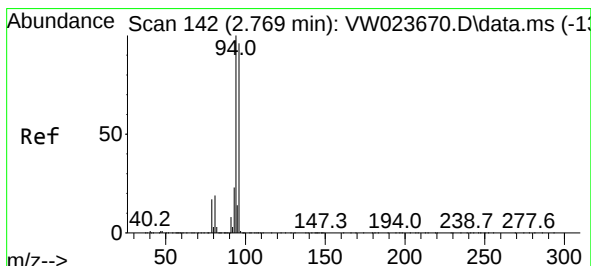
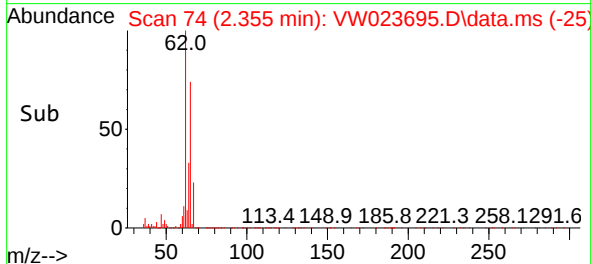
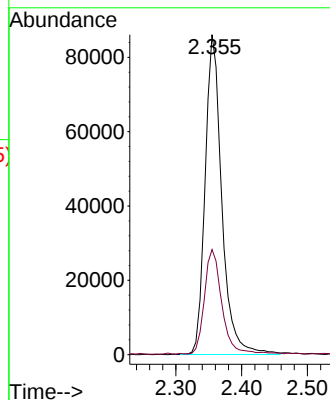
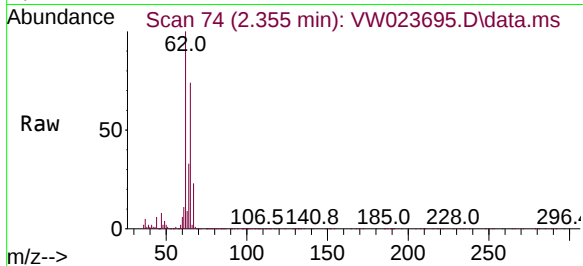




#5
 Vinyl chloride
 Concen: 28.759 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023695.D
 Acq: 14 Jul 2022 12:03

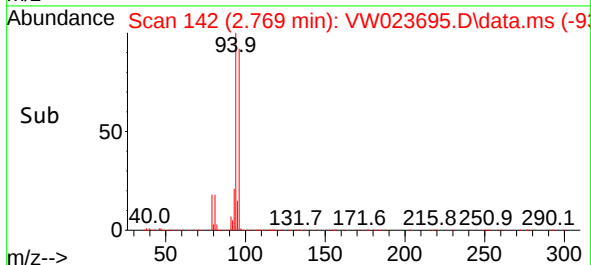
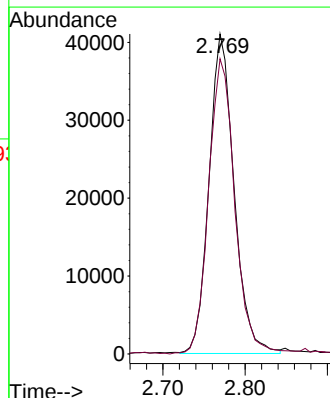
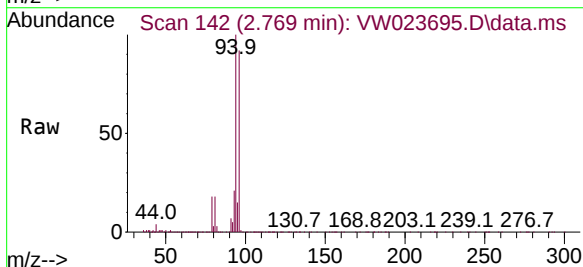
Instrument :
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 ClientSampleId :
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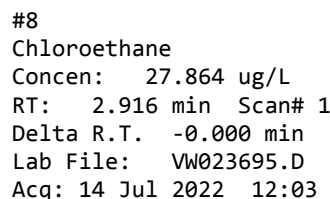
Tgt Ion: 62 Resp: 151810
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.0 44.6



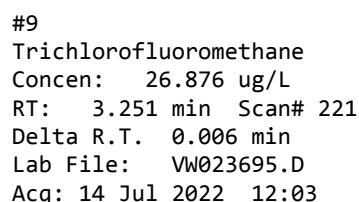
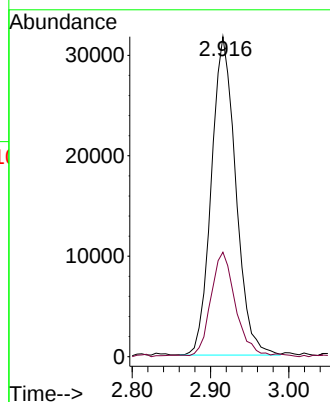
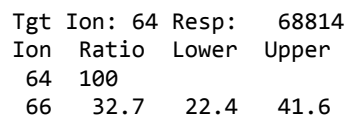
#6
 Bromomethane
 Concen: 25.431 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW023695.D
 Acq: 14 Jul 2022 12:03

Tgt Ion: 94 Resp: 86833
 Ion Ratio Lower Upper
 94 100
 96 92.2 68.2 126.6

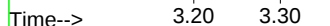
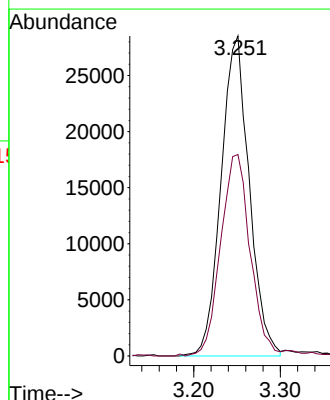


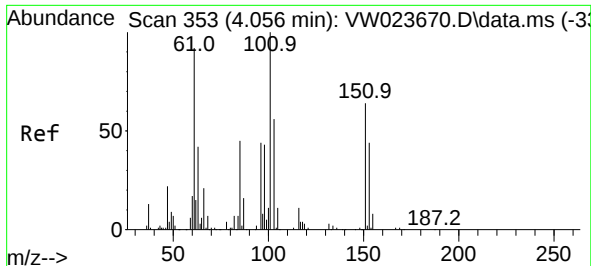


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Tgt	Ion:101	Resp:	64490
Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.1	78.1

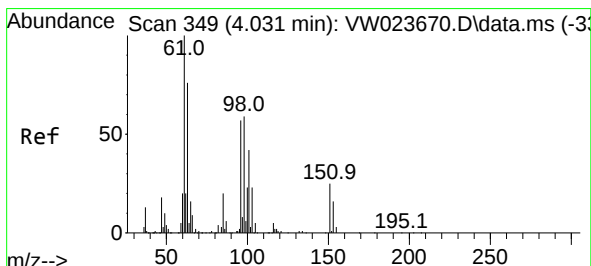
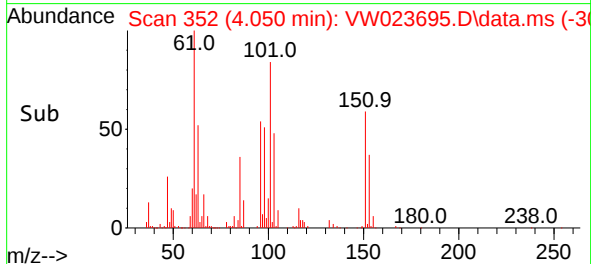
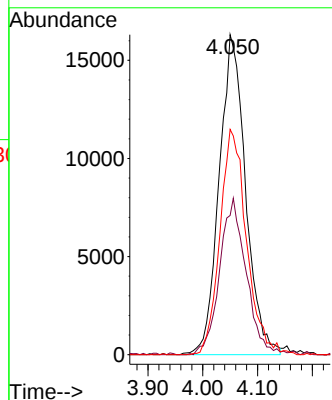
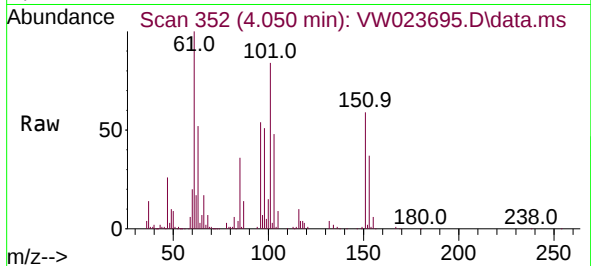




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.274 ug/L
RT: 4.050 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

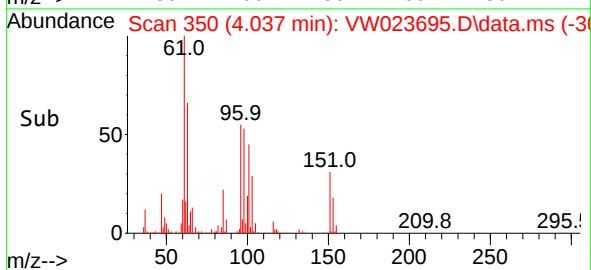
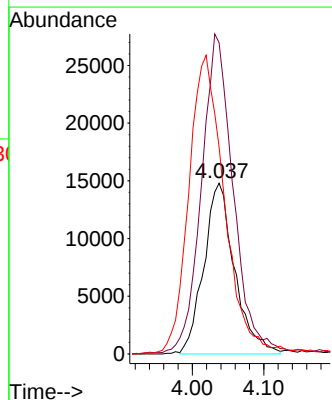
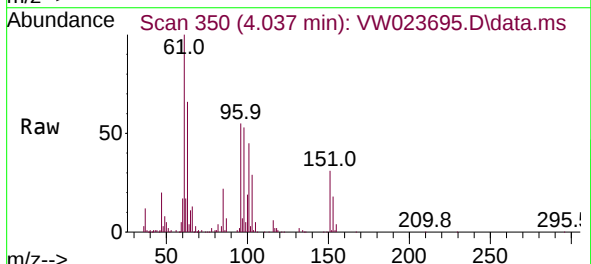
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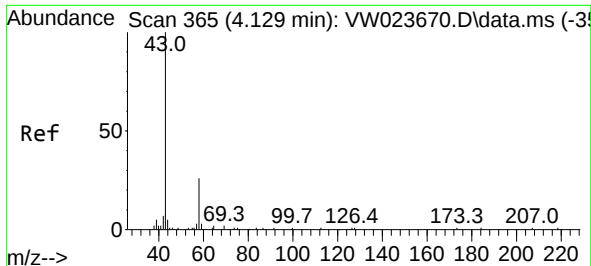
Tgt Ion:101 Resp: 54654
Ion Ratio Lower Upper
101 100
85 48.8 37.6 56.4
151 70.0 57.6 86.4



#12
1,1-Dichloroethene
Concen: 22.563 ug/L
RT: 4.037 min Scan# 350
Delta R.T. 0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 96 Resp: 44181
Ion Ratio Lower Upper
96 100
61 182.3 125.4 232.8
63 121.2 97.4 180.8

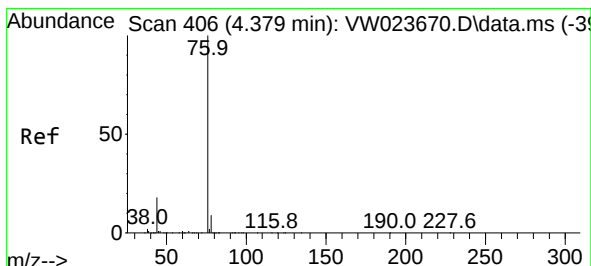
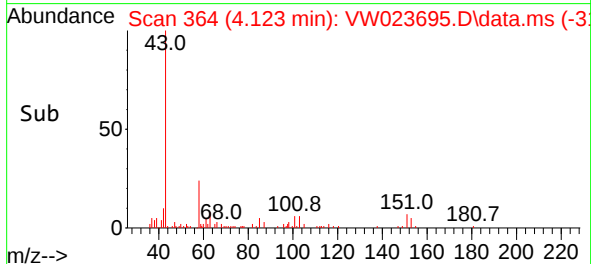
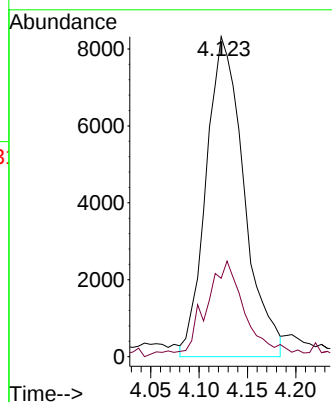
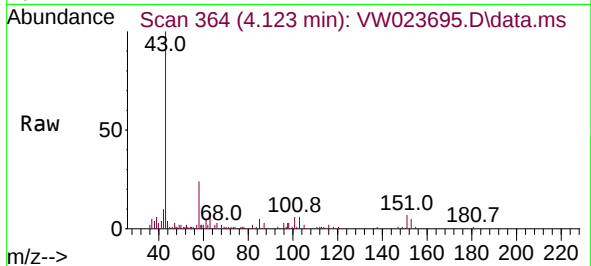




#13
Acetone
Concen: 43.798 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

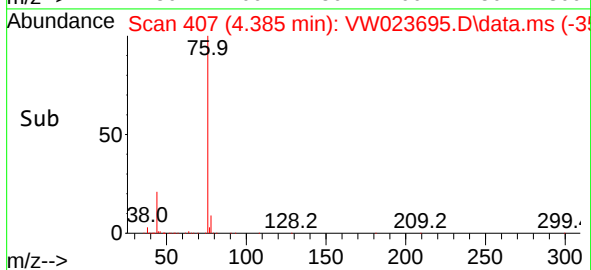
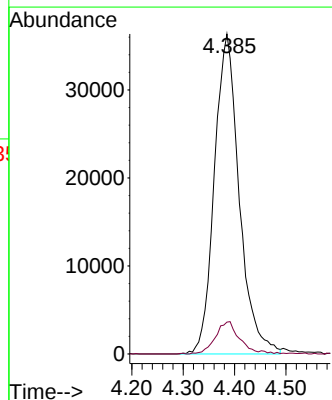
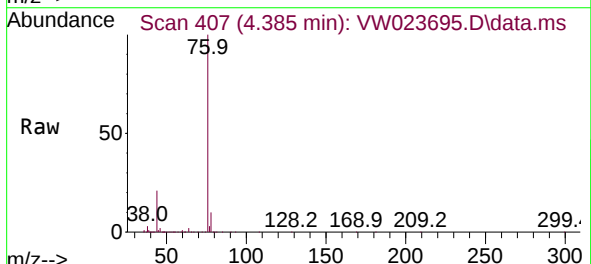
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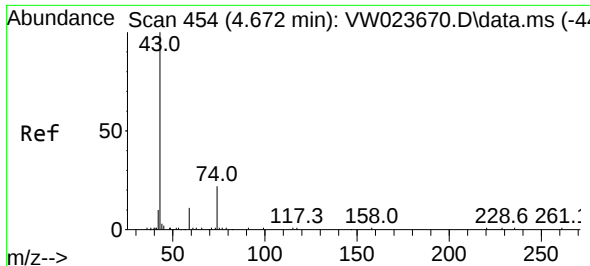
Tgt Ion: 43 Resp: 22661
Ion Ratio Lower Upper
43 100
58 21.0 0.0 64.2



#14
Carbon disulfide
Concen: 21.170 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Acq: 14 Jul 2022 12:03

Tgt Ion: 76 Resp: 121941
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8

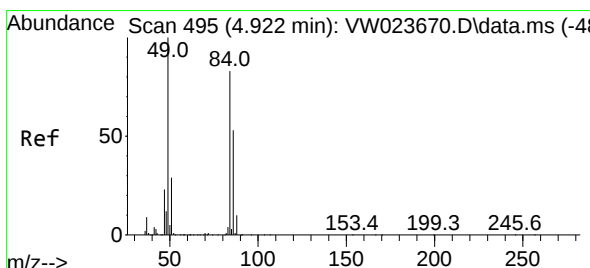
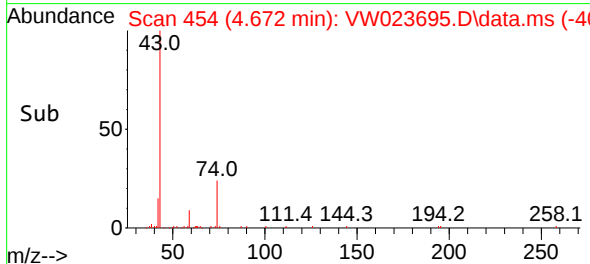
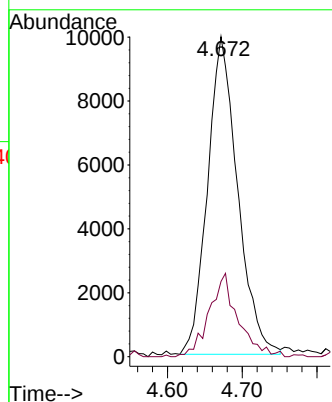
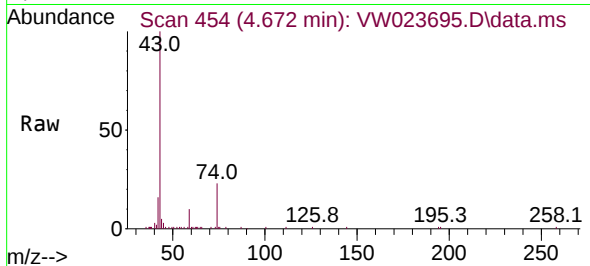




#15
Methyl Acetate
Concen: 24.049 ug/L
RT: 4.672 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

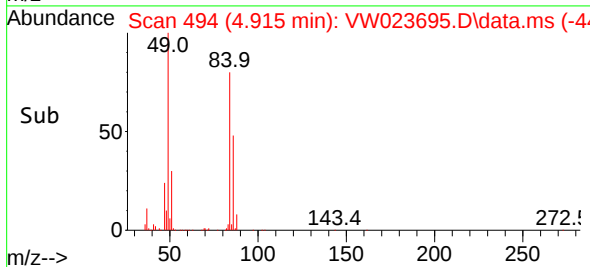
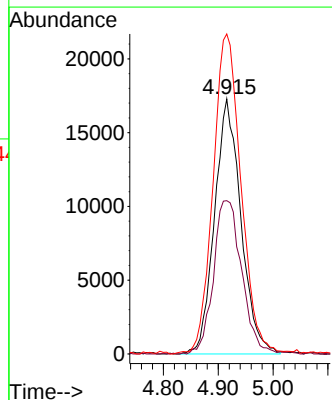
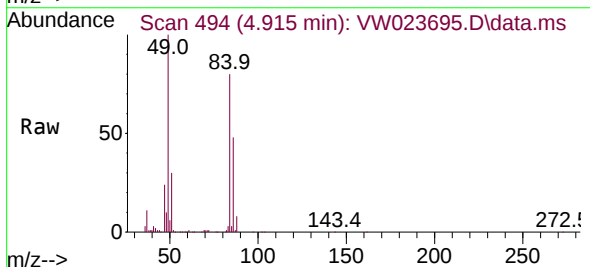
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

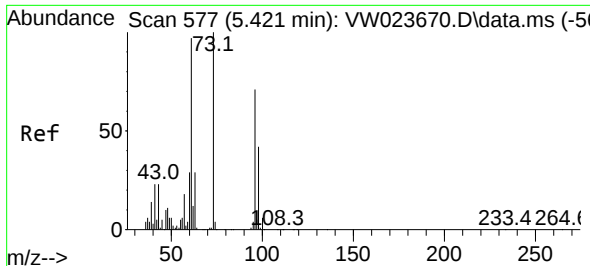
Tgt Ion: 43 Resp: 27848
Ion Ratio Lower Upper
43 100
74 24.6 20.0 30.0



#16
Methylene chloride
Concen: 20.016 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 84 Resp: 57817
Ion Ratio Lower Upper
84 100
86 60.1 42.8 79.6
49 125.5 85.4 158.6

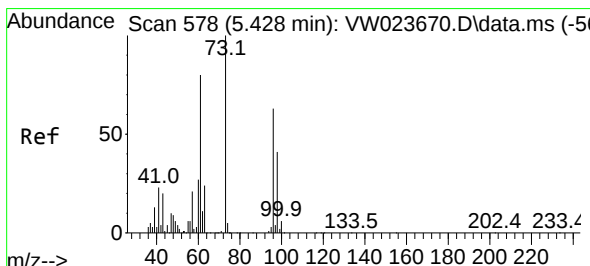
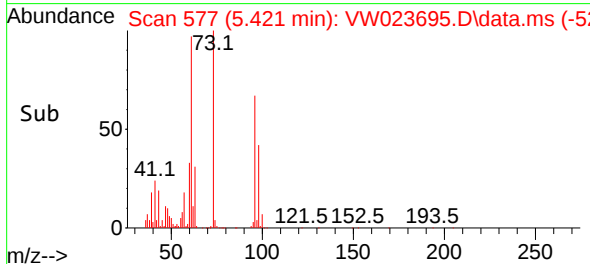
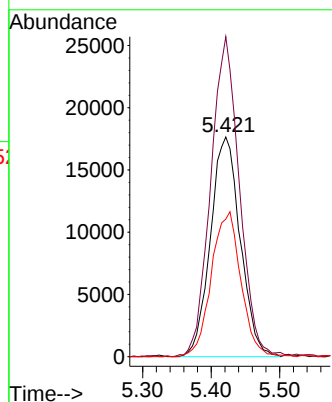
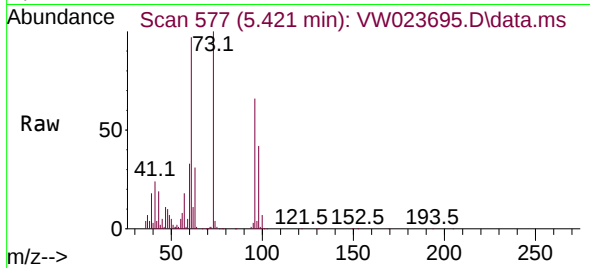




#17
trans-1,2-Dichloroethene
Concen: 22.463 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

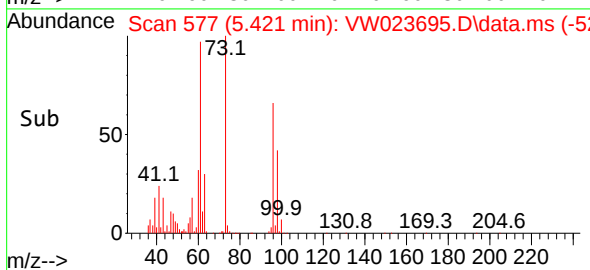
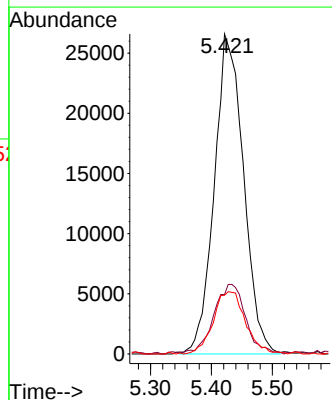
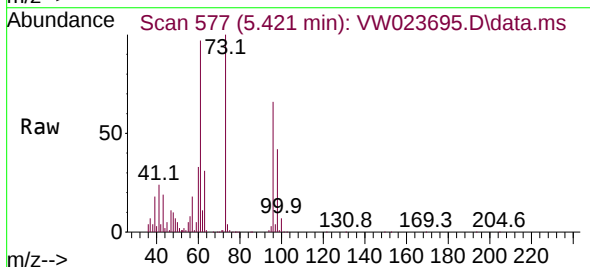
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

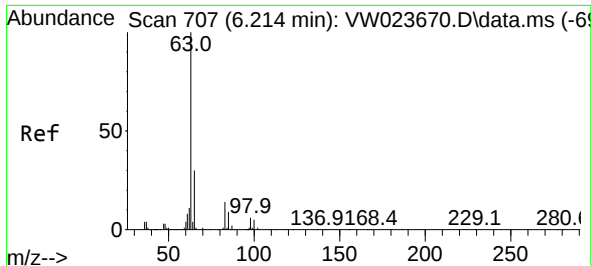
Tgt Ion: 96 Resp: 53368
Ion Ratio Lower Upper
96 100
61 145.7 90.8 168.6
98 62.6 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 24.104 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 73 Resp: 88595
Ion Ratio Lower Upper
73 100
43 22.1 17.6 26.4
57 21.3 16.8 25.2





#19

1,1-Dichloroethane

Concen: 24.214 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

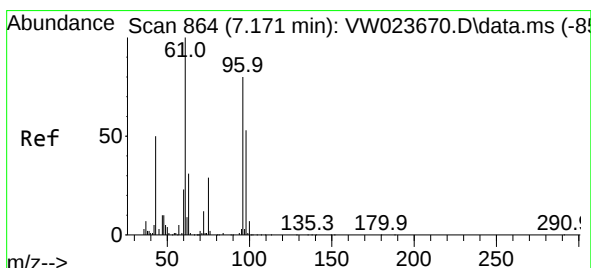
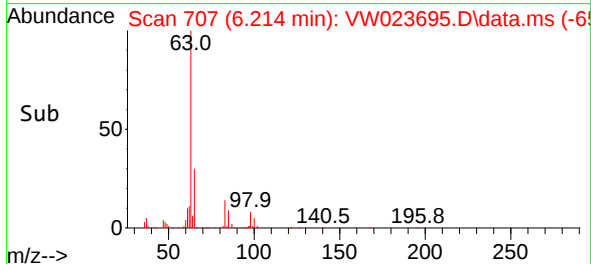
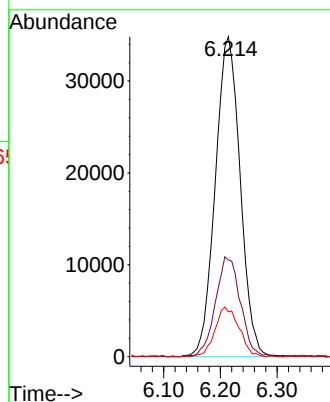
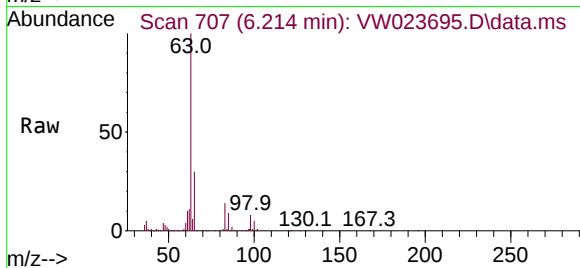
Tgt Ion: 63 Resp: 106117

Ion Ratio Lower Upper

63 100

65 30.2 22.7 42.1

83 14.0 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 23.652 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

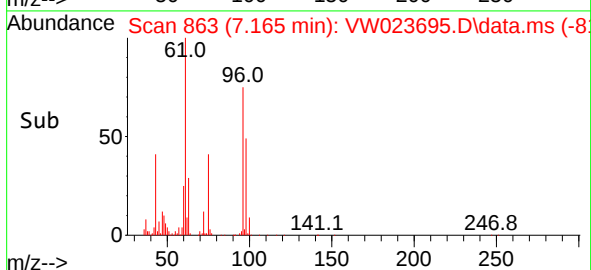
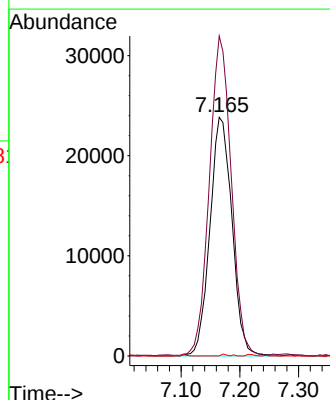
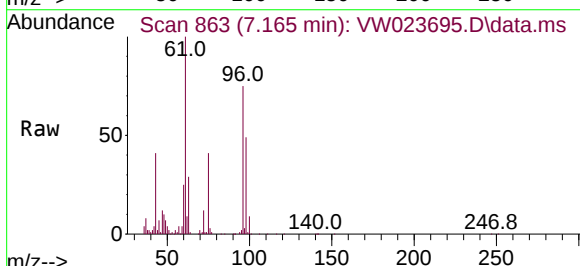
Tgt Ion: 96 Resp: 62254

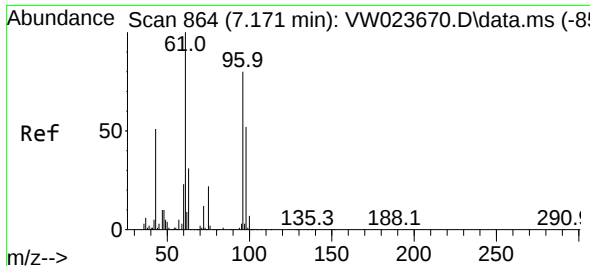
Ion Ratio Lower Upper

96 100

61 134.1 90.6 168.2

68 0.3 0.2 0.4

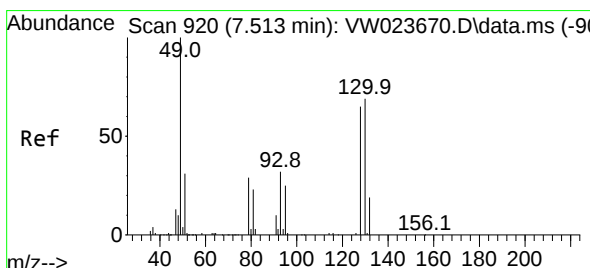
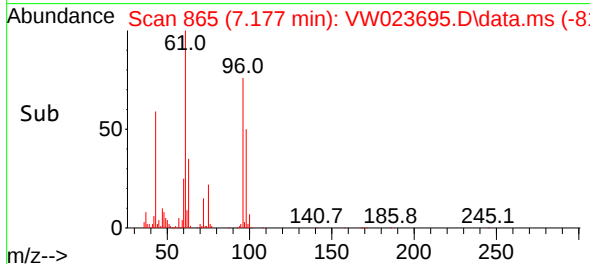
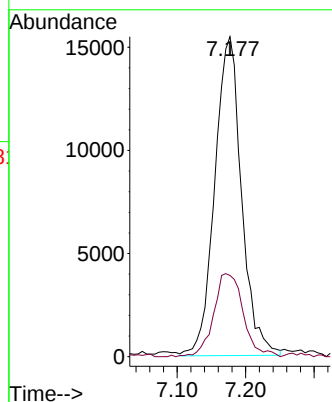
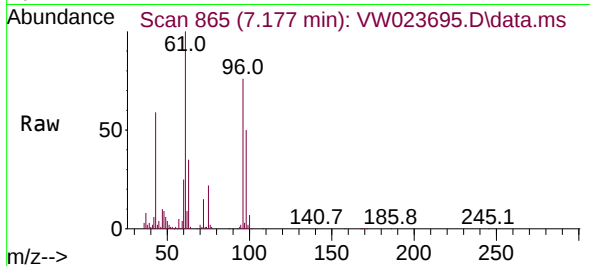




#22
2-Butanone
Concen: 49.354 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

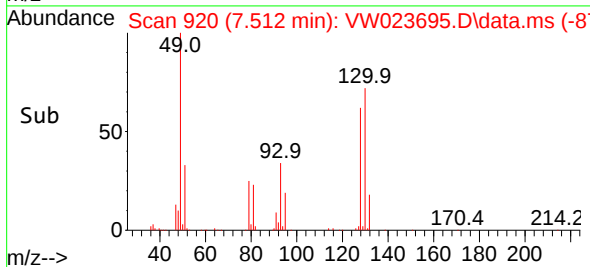
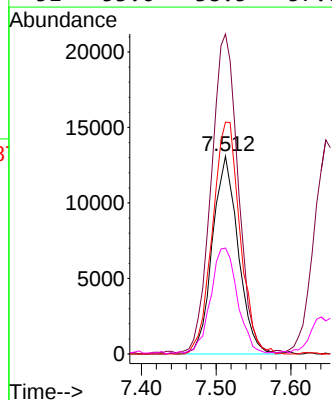
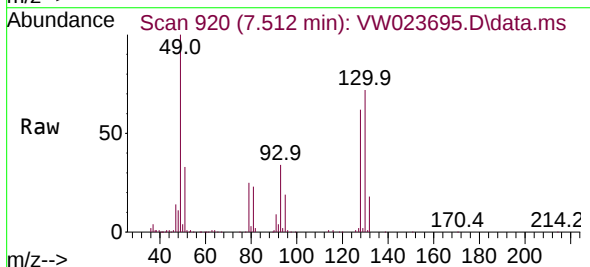
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

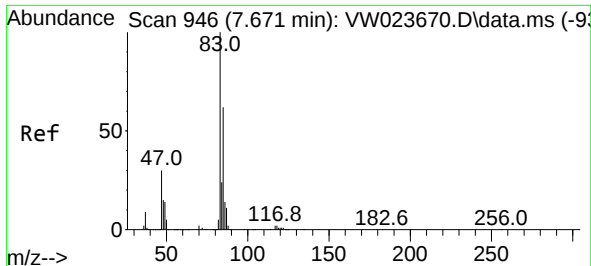
Tgt Ion: 43 Resp: 41965
Ion Ratio Lower Upper
43 100
72 28.1 14.7 44.1



#23
Bromochloromethane
Concen: 24.773 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 128 Resp: 31323
Ion Ratio Lower Upper
128 100
49 161.8 106.0 196.8
130 117.2 83.2 154.4
51 53.6 38.5 57.7

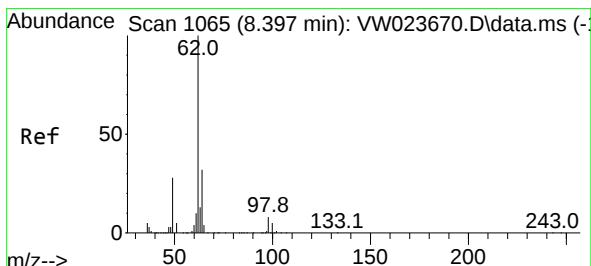
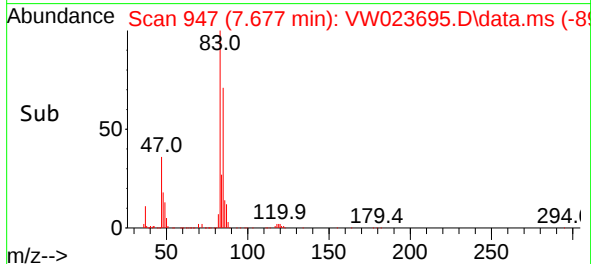
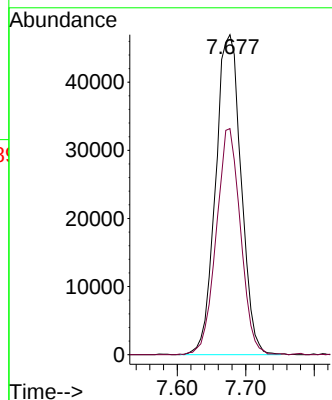
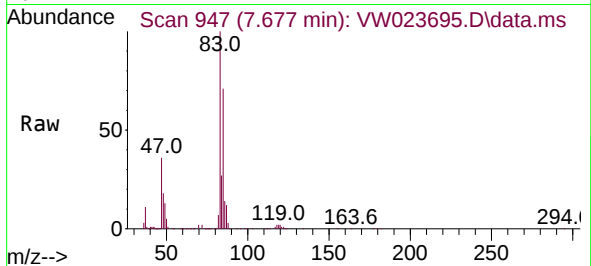




#25
Chloroform
Concen: 23.989 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

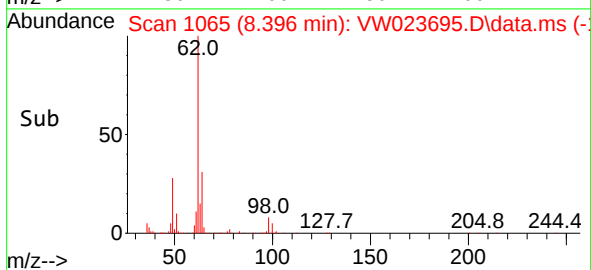
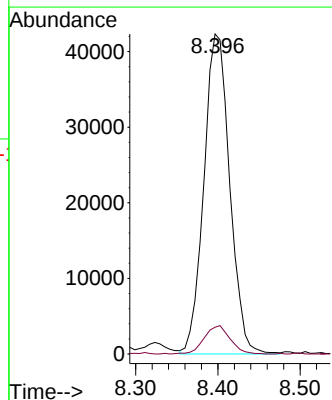
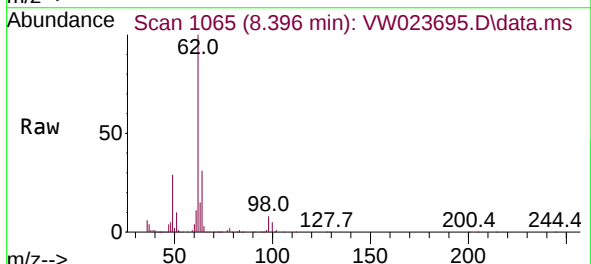
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

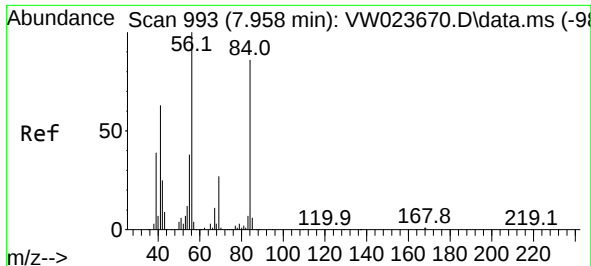
Tgt Ion: 83 Resp: 121113
Ion Ratio Lower Upper
83 100
85 70.7 41.9 77.9



#27
1,2-Dichloroethane
Concen: 24.929 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 62 Resp: 92632
Ion Ratio Lower Upper
62 100
98 8.3 7.2 10.8

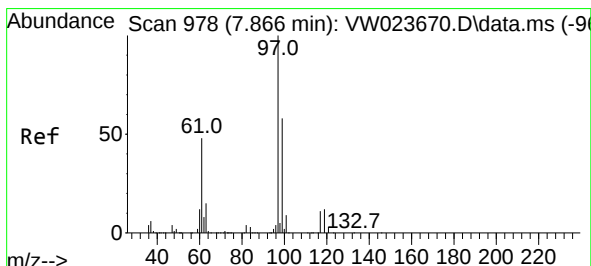
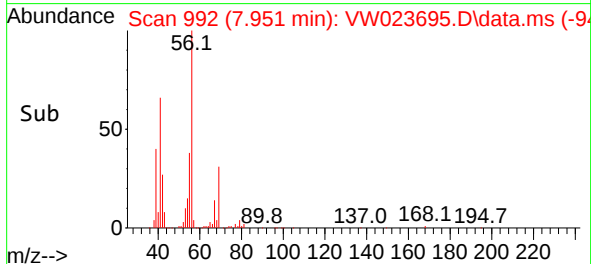
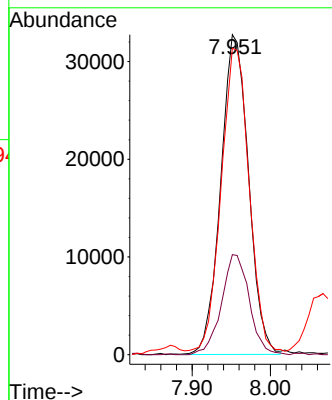
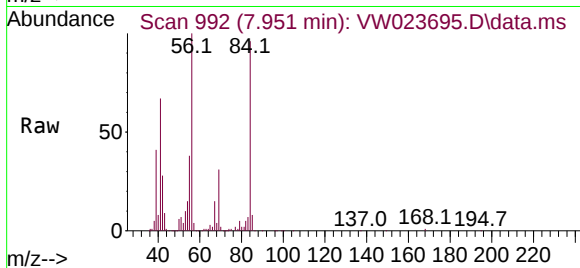




#29
Cyclohexane
Concen: 22.687 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

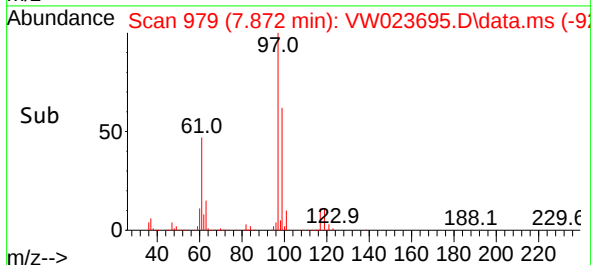
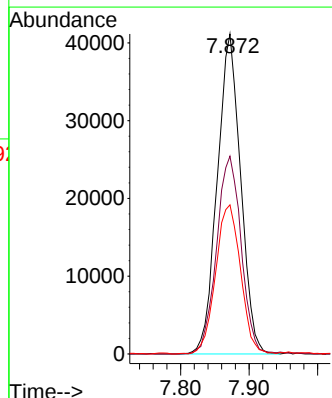
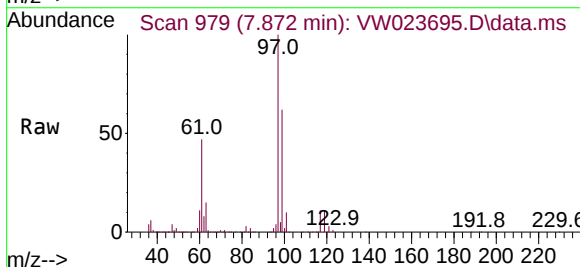
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

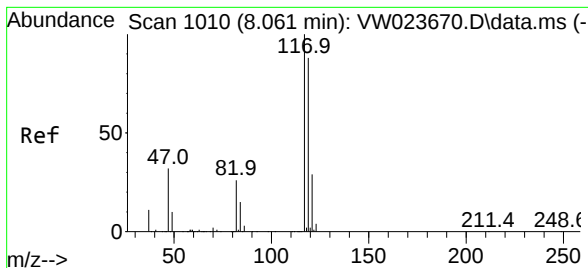
Tgt Ion: 56 Resp: 80786
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.0
84 97.6 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 23.117 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 97 Resp: 97454
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 49.7 37.5 56.3





#31

Carbon tetrachloride

Concen: 23.203 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_W

ClientSampleId :

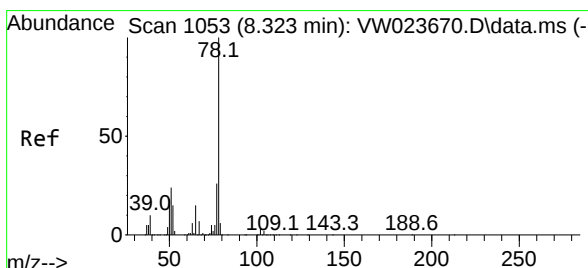
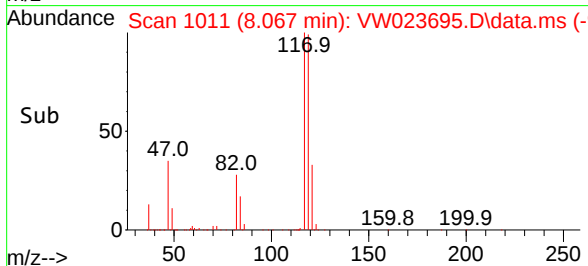
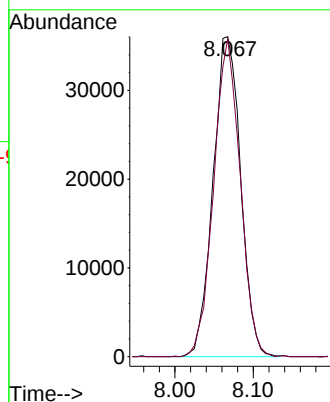
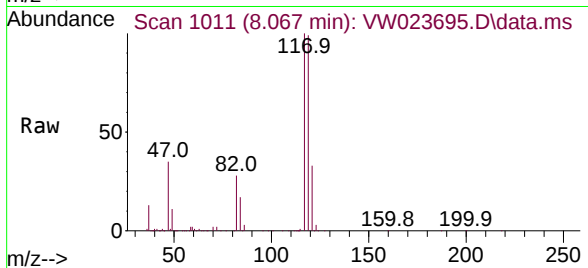
VSTD025483

Tgt Ion:117 Resp: 88174

Ion Ratio Lower Upper

117 100

119 95.6 75.7 113.5



#33

Benzene

Concen: 24.142 ug/L

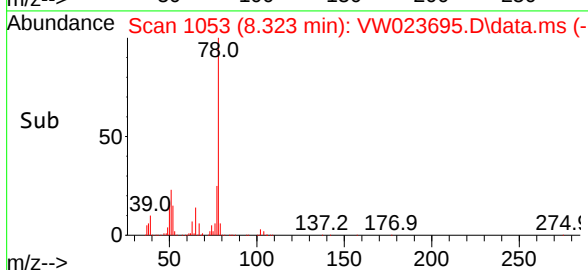
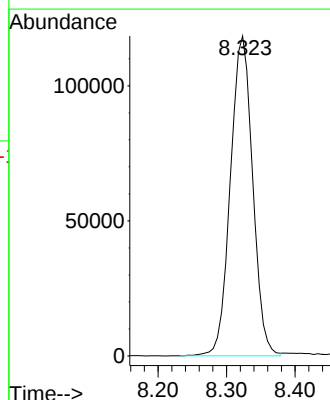
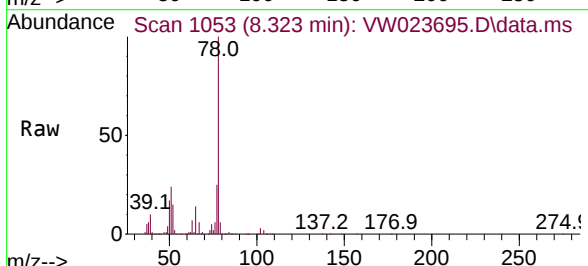
RT: 8.323 min Scan# 1053

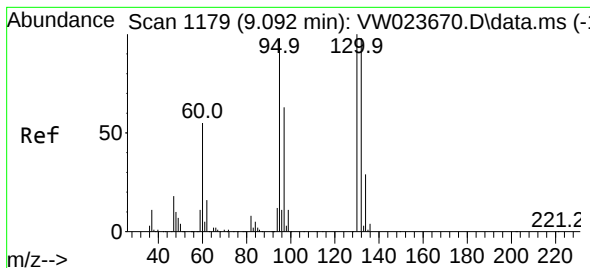
Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Tgt Ion: 78 Resp: 267108





#34

Trichloroethene

Concen: 22.557 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

Tgt Ion: 95 Resp: 65905

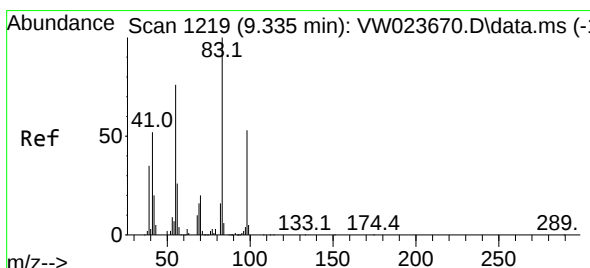
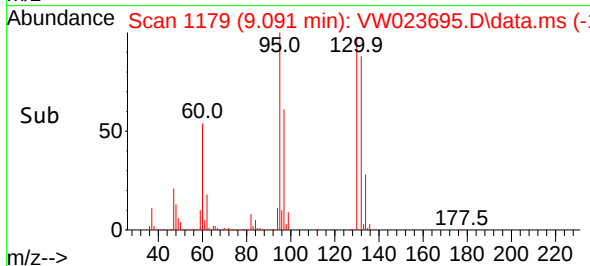
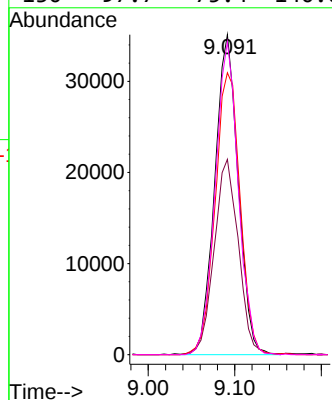
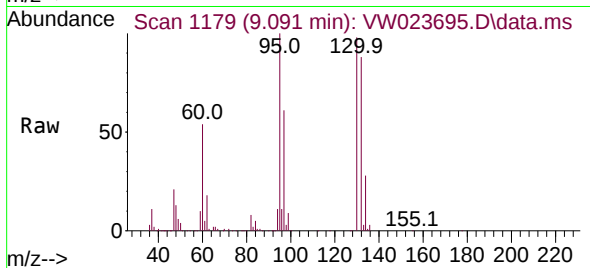
Ion Ratio Lower Upper

95 100

97 61.1 45.6 84.8

132 88.1 69.9 129.7

130 97.7 75.4 140.0



#35

Methylcyclohexane

Concen: 22.564 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

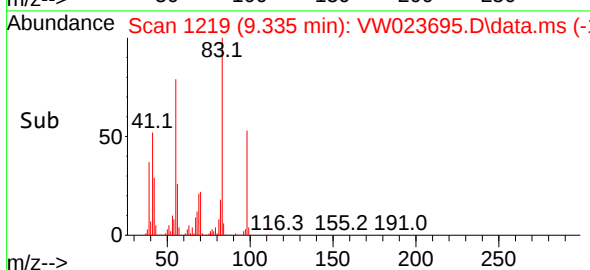
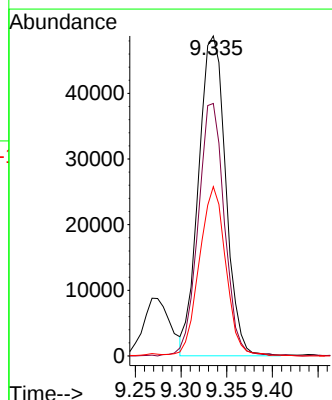
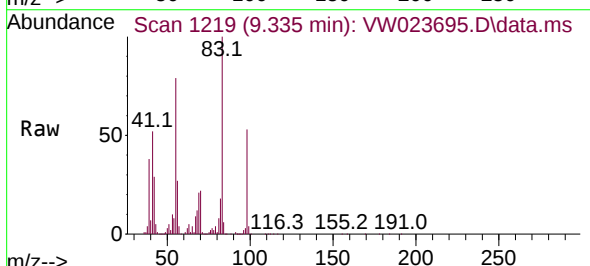
Tgt Ion: 83 Resp: 100386

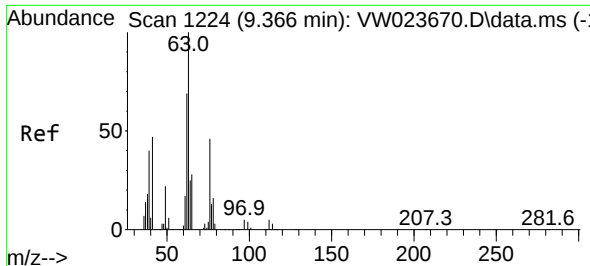
Ion Ratio Lower Upper

83 100

55 76.2 60.8 91.2

98 51.7 39.5 59.3





#37

1,2-Dichloropropane

Concen: 23.861 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_W

ClientSampleId :

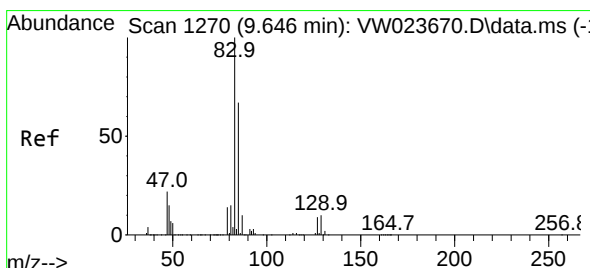
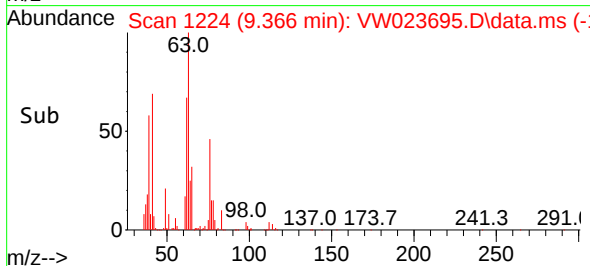
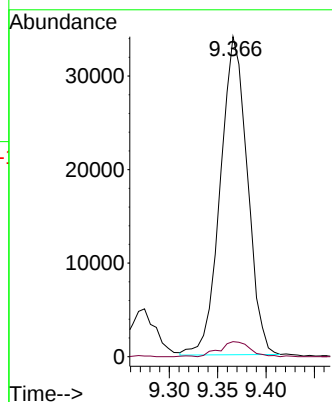
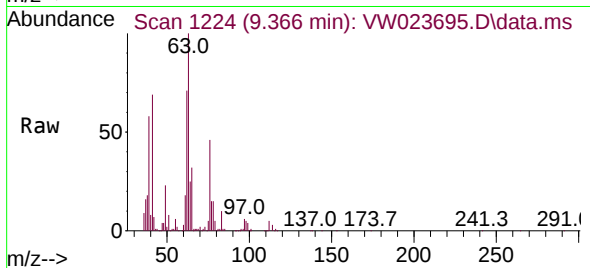
VSTD025483

Tgt Ion: 63 Resp: 66187

Ion Ratio Lower Upper

63 100

112 4.1 4.2 6.2#



#38

Bromodichloromethane

Concen: 25.120 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

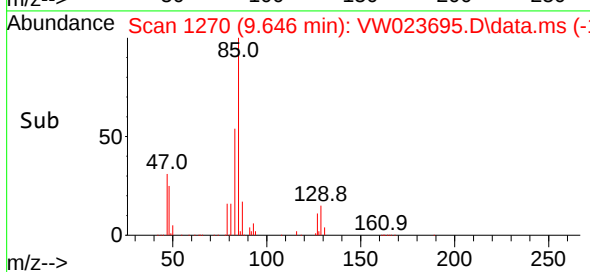
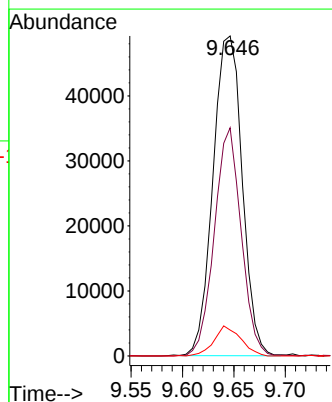
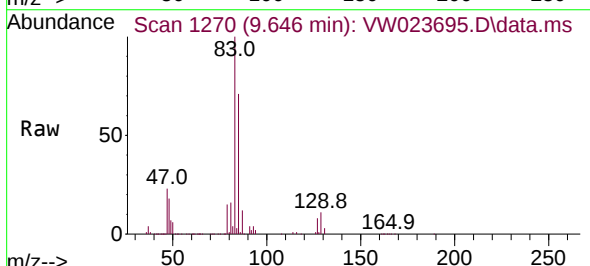
Tgt Ion: 83 Resp: 97248

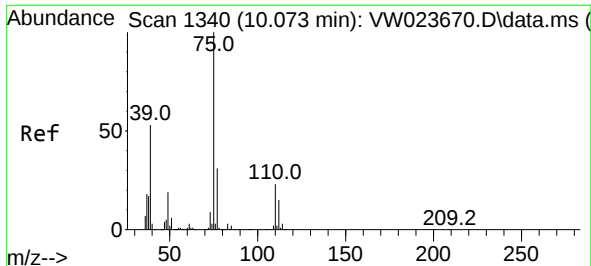
Ion Ratio Lower Upper

83 100

85 71.3 45.5 84.5

127 9.2 6.0 9.0#

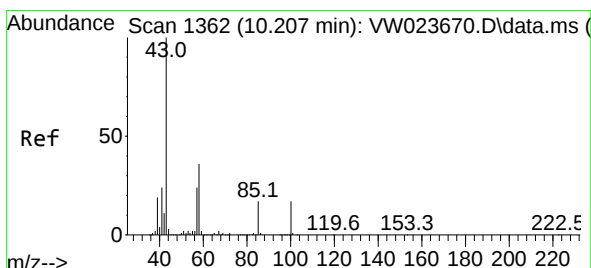
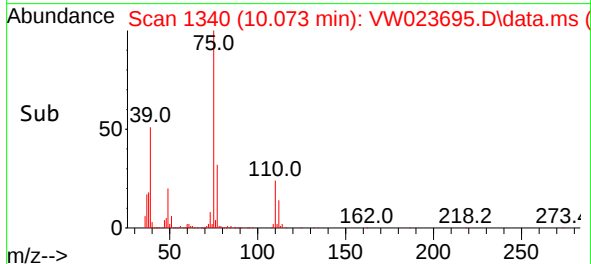
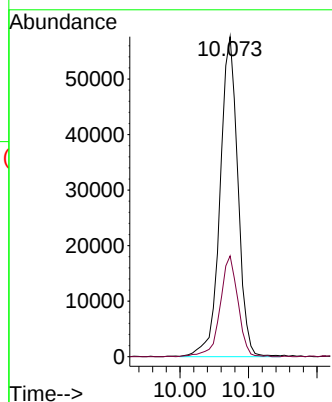
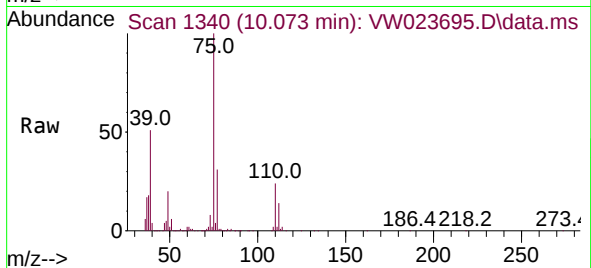




#39
 cis-1,3-Dichloropropene
 Concen: 24.835 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023695.D
 Acq: 14 Jul 2022 12:03

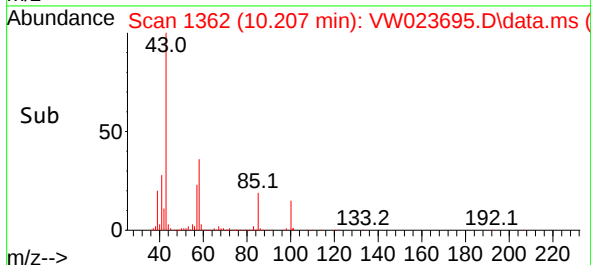
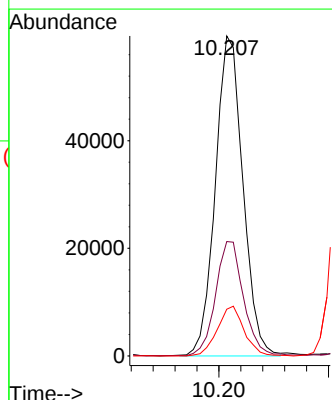
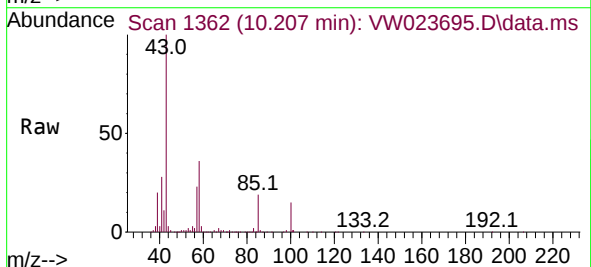
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

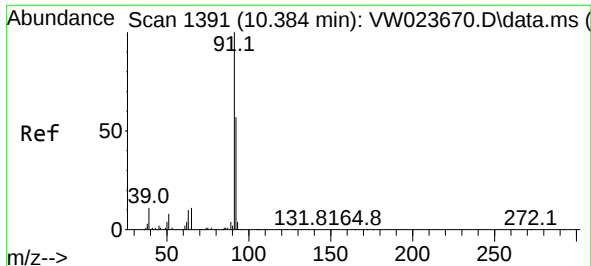
Tgt Ion: 75 Resp: 103833
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 53.836 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023695.D
 Acq: 14 Jul 2022 12:03

Tgt Ion: 43 Resp: 103915
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.8 44.8
 100 15.2 13.0 19.4

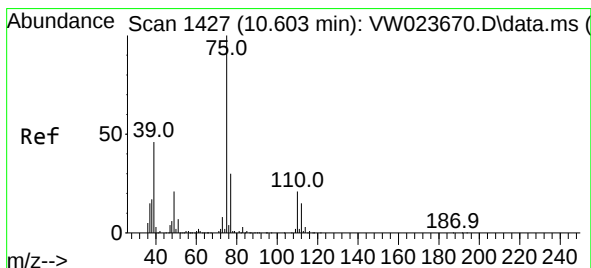
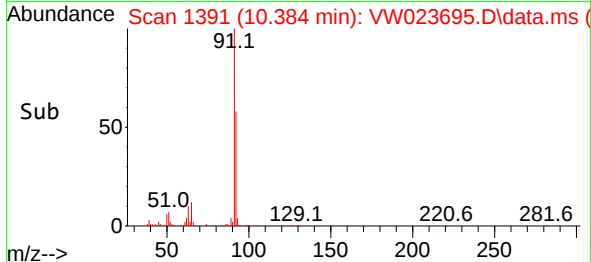
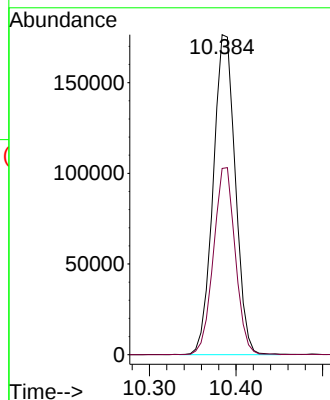
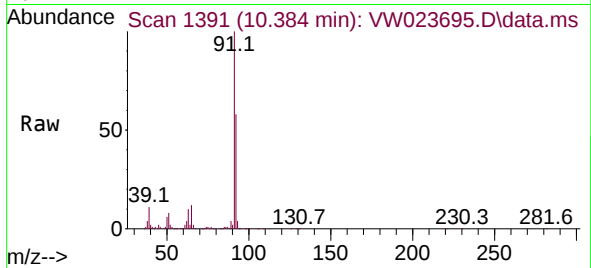




#42
Toluene
Concen: 24.804 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

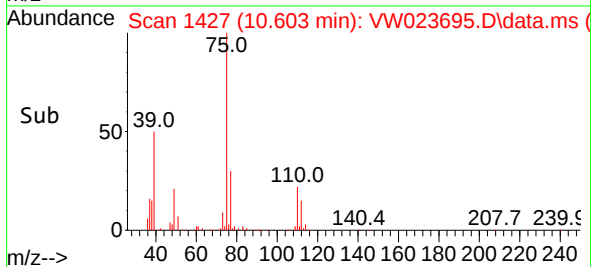
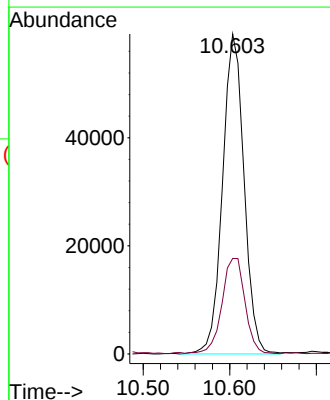
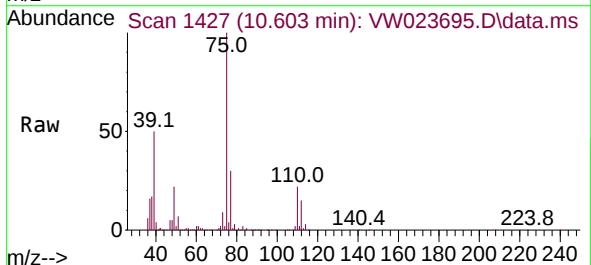
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

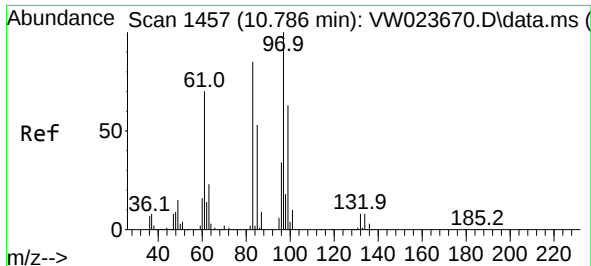
Tgt Ion: 91 Resp: 312978
Ion Ratio Lower Upper
91 100
92 58.2 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 25.658 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 75 Resp: 101960
Ion Ratio Lower Upper
75 100
77 29.8 22.0 41.0

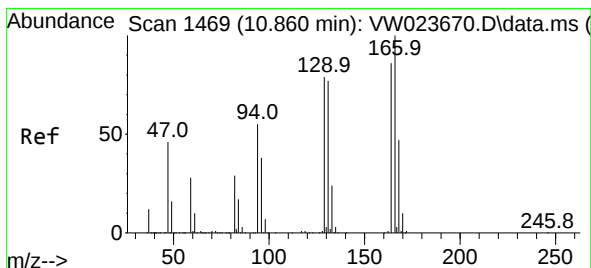
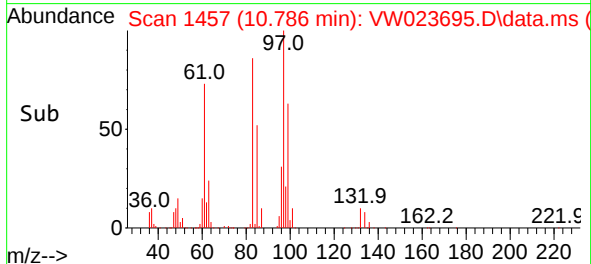
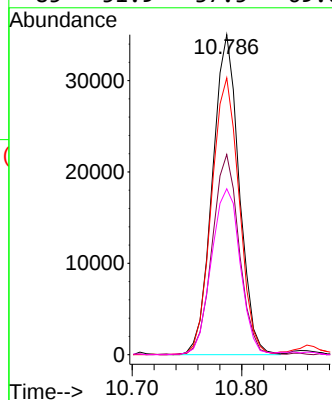
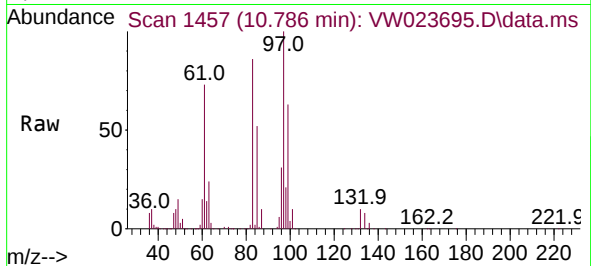




#45
1,1,2-Trichloroethane
Concen: 24.431 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

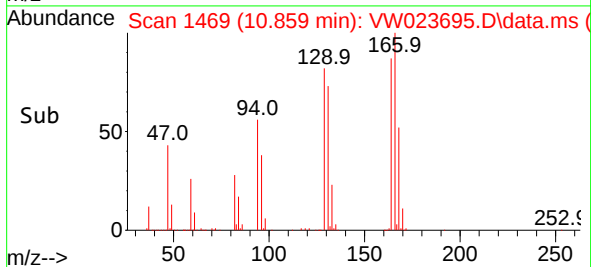
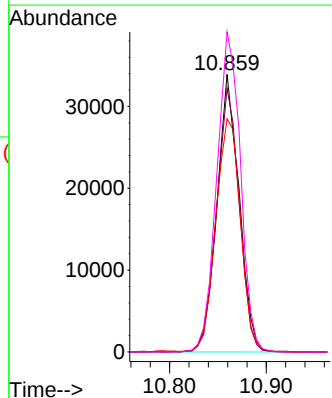
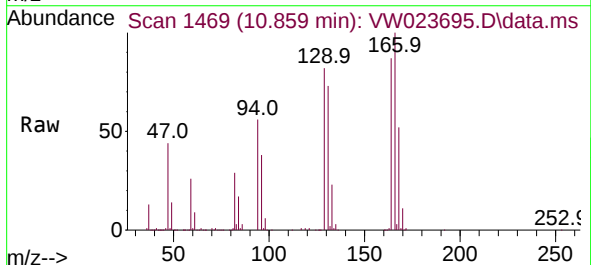
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

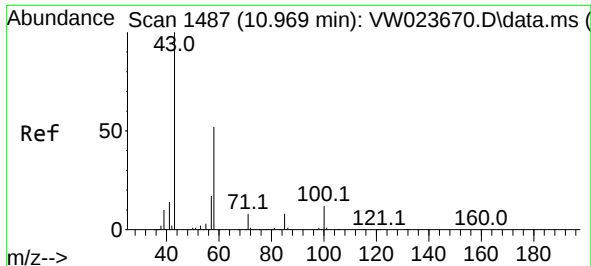
Tgt Ion: 97	Resp: 59256
Ion Ratio	Lower Upper
97 100	
99 62.6	44.2 82.2
83 86.5	59.8 111.0
85 51.9	37.5 69.6



#46
Tetrachloroethene
Concen: 23.941 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt	Ion:164	Resp:	54086
Ion	Ratio	Lower	Upper
164	100		
129	95.0	72.4	134.5
131	84.0	67.8	125.8
166	115.3	88.9	165.1

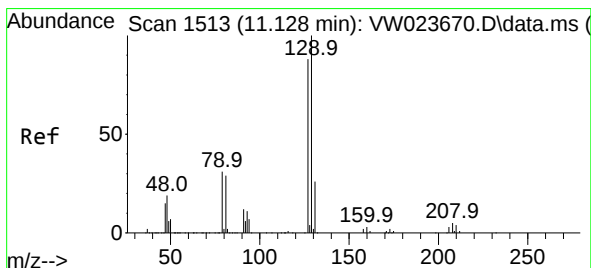
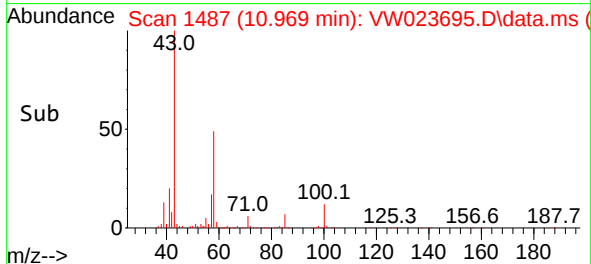
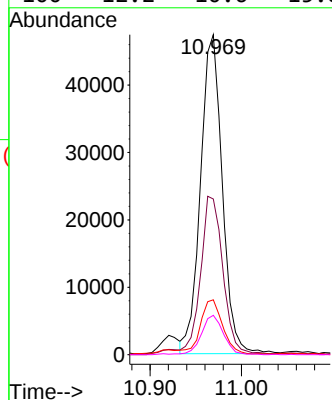
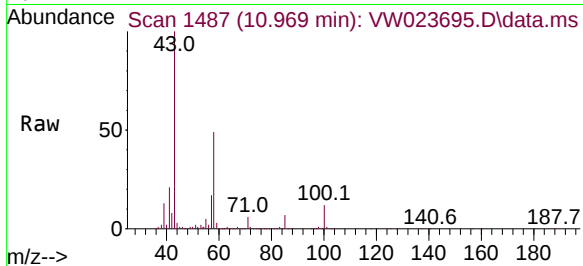




#48
2-Hexanone
Concen: 55.810 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

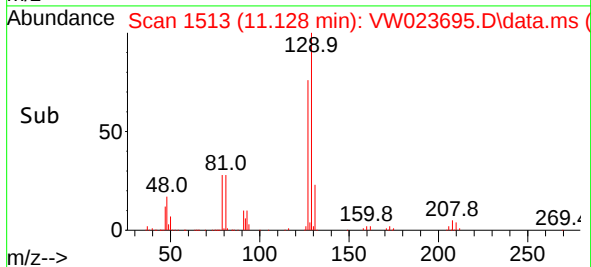
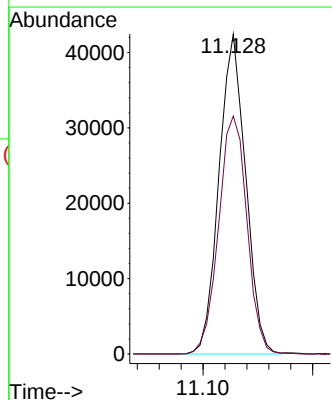
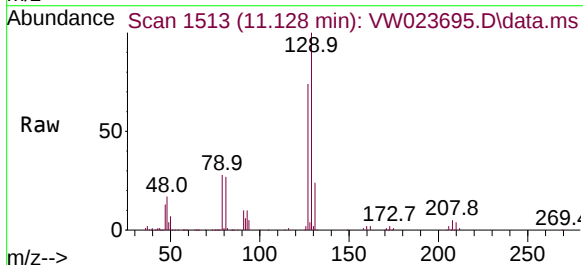
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

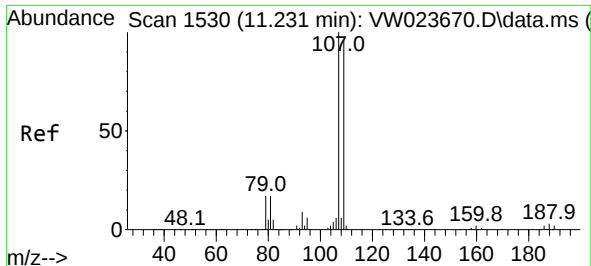
Tgt Ion:	43	Resp:	78432
Ion	Ratio	Lower	Upper
43	100		
58	50.3	41.6	62.4
57	17.4	14.6	21.8
100	12.2	10.6	15.8



#49
Dibromochloromethane
Concen: 25.501 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion:	129	Resp:	71726
Ion	Ratio	Lower	Upper
129	100		
127	74.3	53.7	99.7

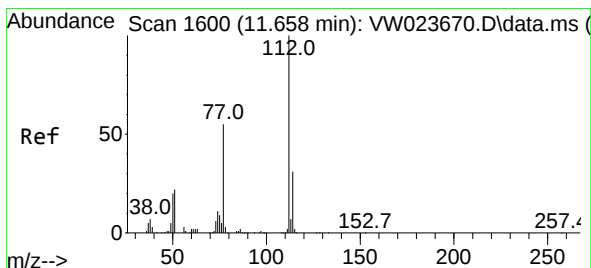
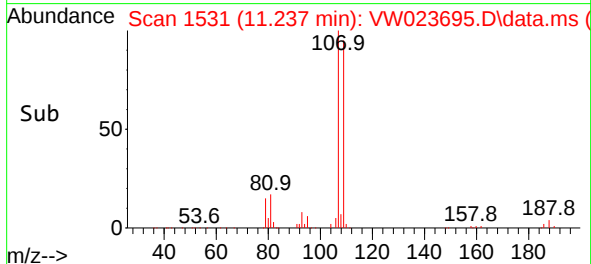
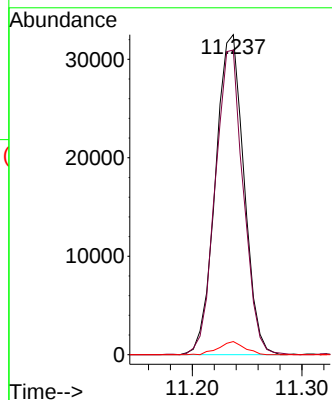
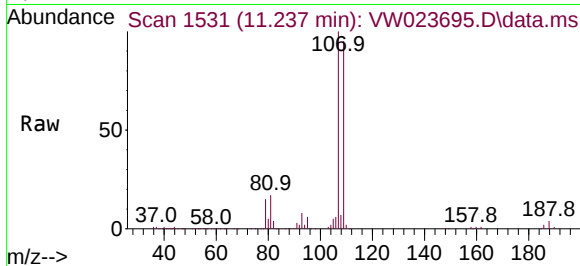




#50
1,2-Dibromoethane
Concen: 25.161 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

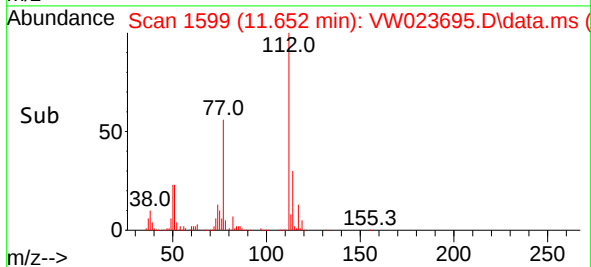
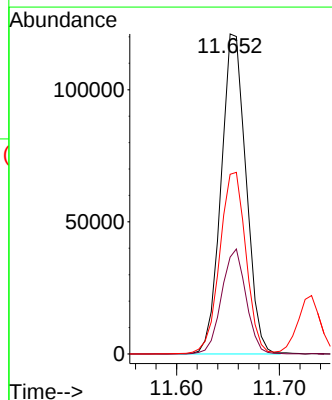
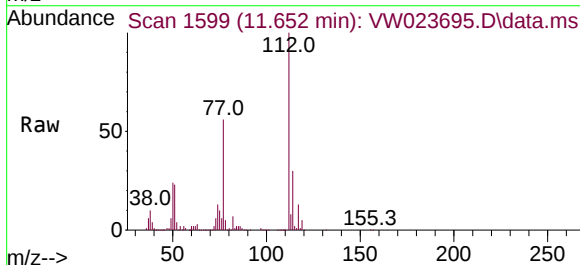
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

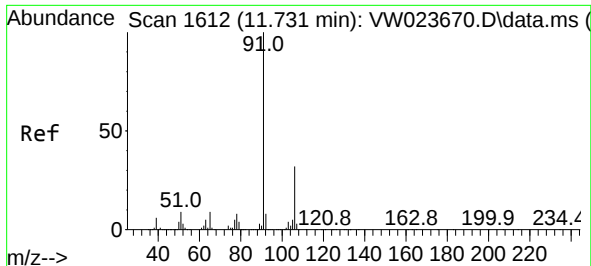
Tgt Ion:107 Resp: 58630
Ion Ratio Lower Upper
107 100
109 95.2 62.4 116.0
188 4.1 2.3 3.5#



#51
Chlorobenzene
Concen: 23.962 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion:112 Resp: 203917
Ion Ratio Lower Upper
112 100
114 30.3 21.1 39.3
77 56.2 46.6 69.8

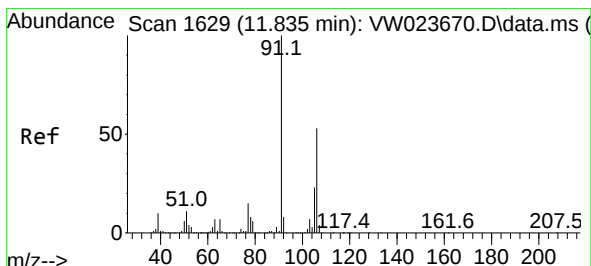
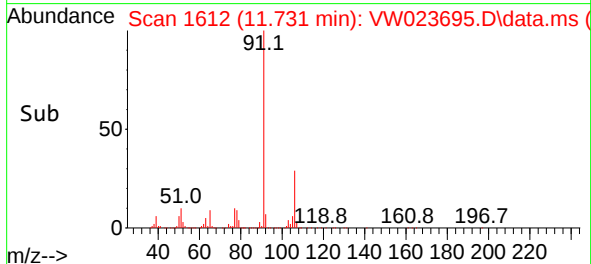
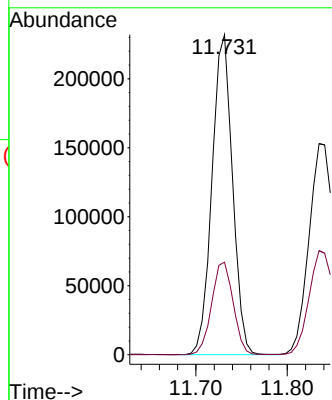
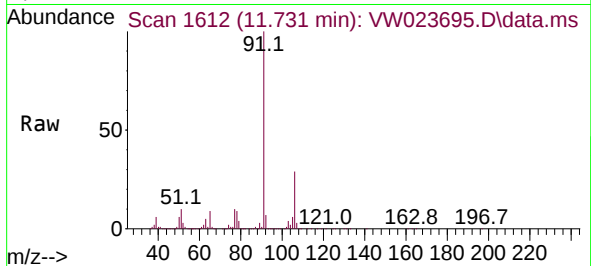




#52
Ethylbenzene
Concen: 25.171 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

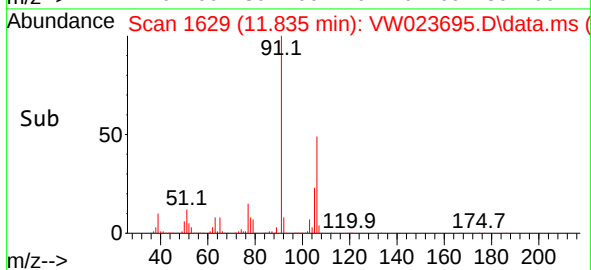
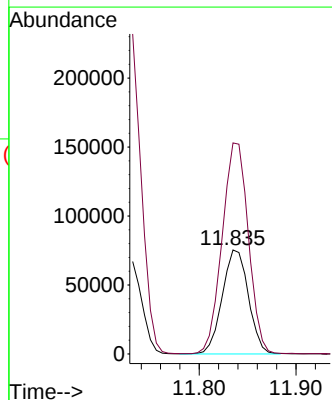
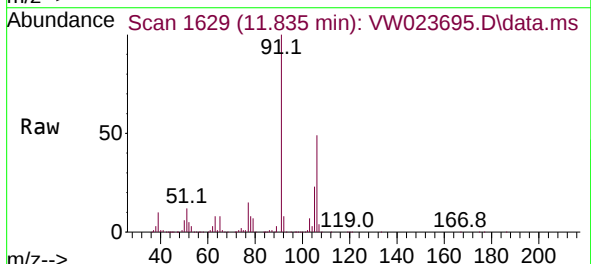
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

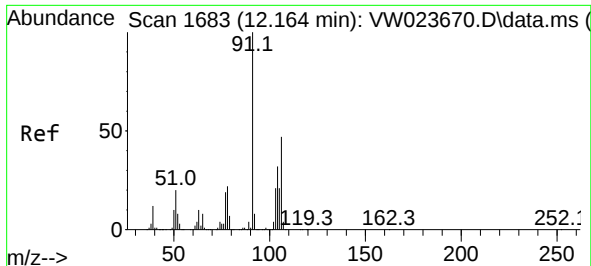
Tgt Ion: 91 Resp: 360920
Ion Ratio Lower Upper
91 100
106 28.9 22.5 41.9



#53
m,p-Xylene
Concen: 25.315 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 106 Resp: 141622
Ion Ratio Lower Upper
106 100
91 202.9 142.8 265.2

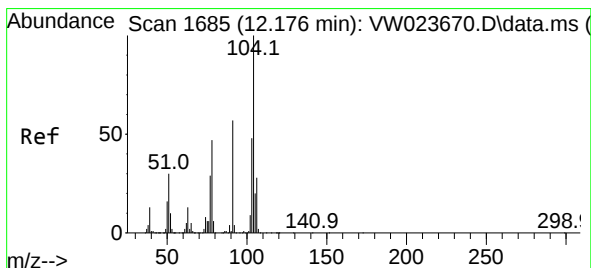
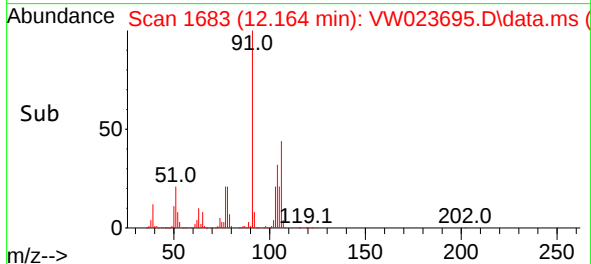
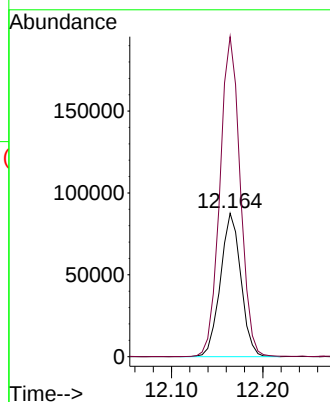
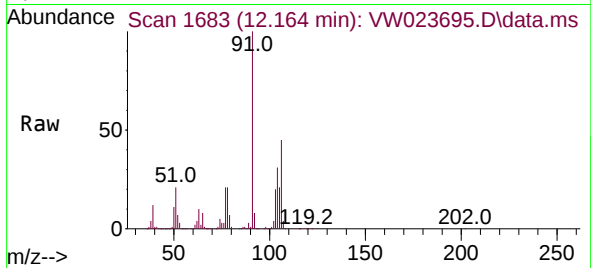




#54
o-Xylene
Concen: 25.419 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

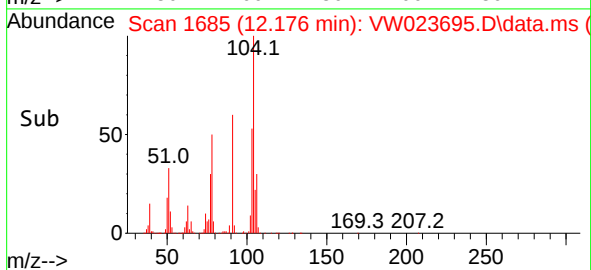
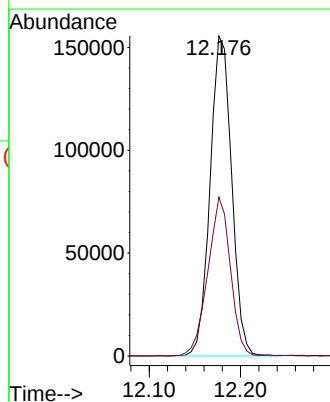
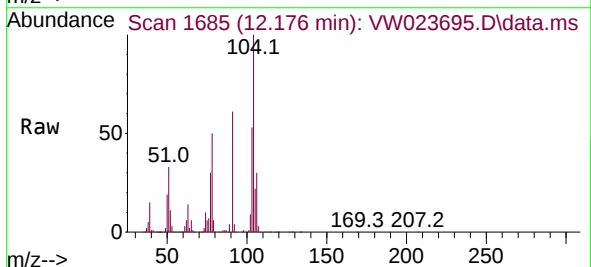
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

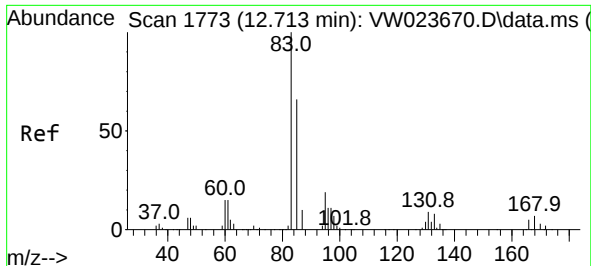
Tgt Ion:106 Resp: 136568
Ion Ratio Lower Upper
106 100
91 223.1 149.6 277.8



#55
Styrene
Concen: 26.853 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion:104 Resp: 254875
Ion Ratio Lower Upper
104 100
78 49.6 34.3 63.7





#57

1,1,2-Tetrachloroethane

Concen: 26.750 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

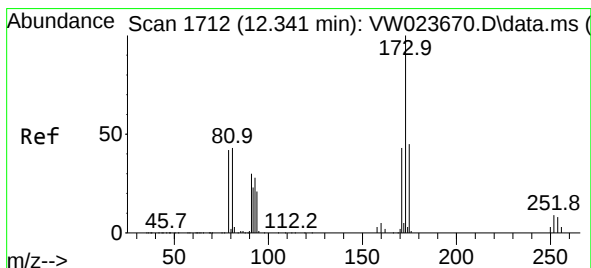
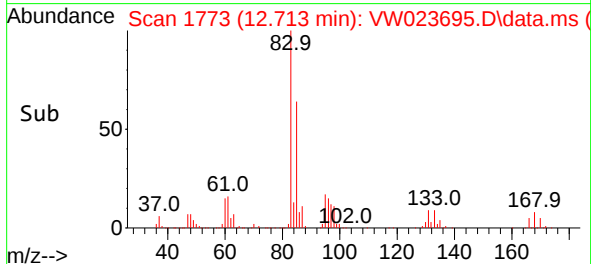
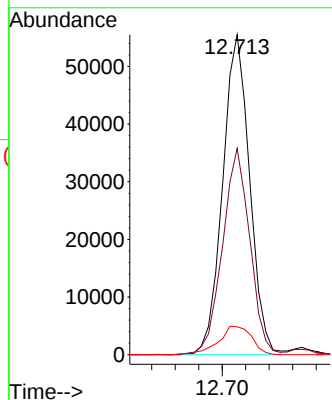
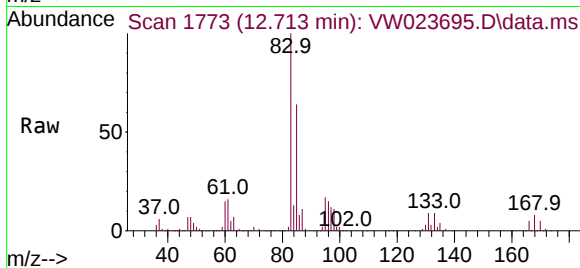
Tgt Ion: 83 Resp: 88496

Ion Ratio Lower Upper

83 100

85 64.5 46.5 86.3

131 8.7 7.4 11.0



#59

Bromoform

Concen: 24.709 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.006 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

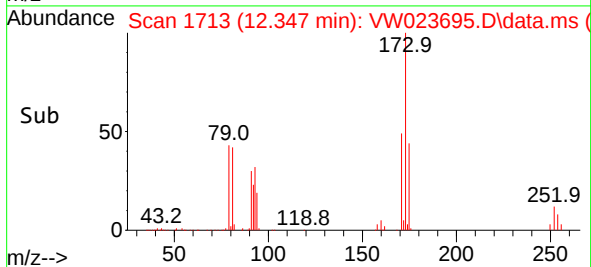
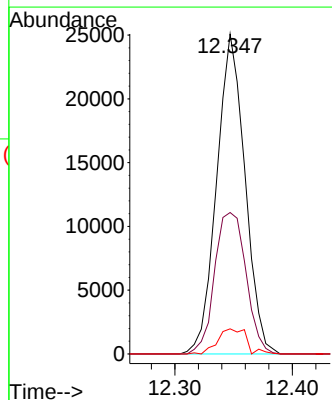
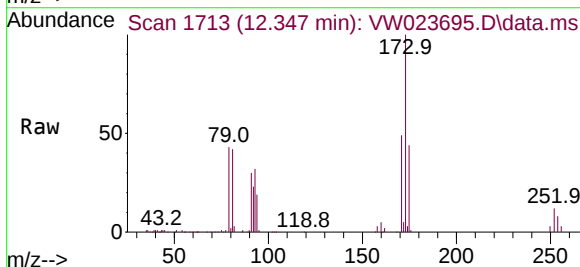
Tgt Ion: 173 Resp: 41941

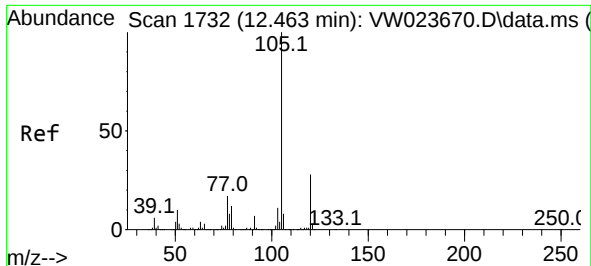
Ion Ratio Lower Upper

173 100

175 49.0 38.9 58.3

254 5.8 5.9 8.9#

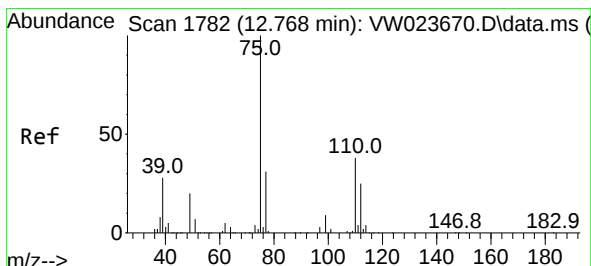
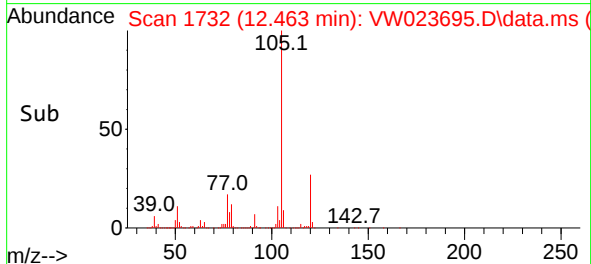
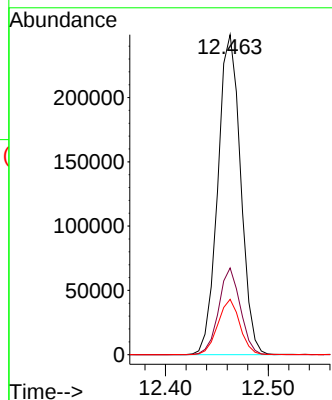
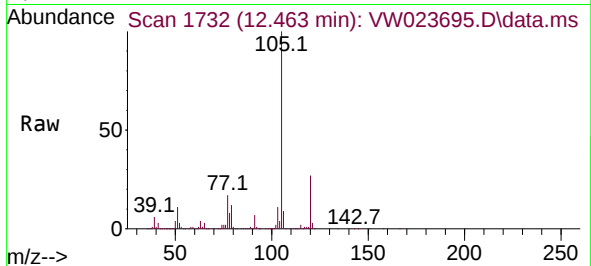




#60
Isopropylbenzene
Concen: 24.746 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

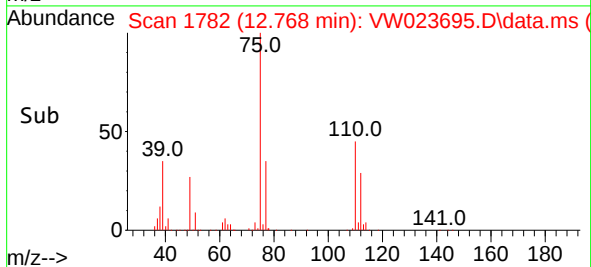
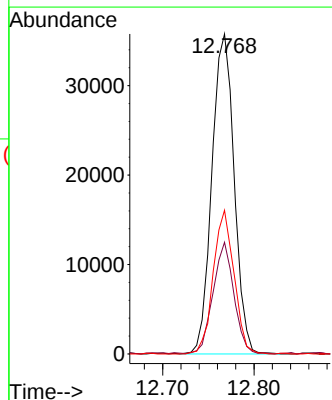
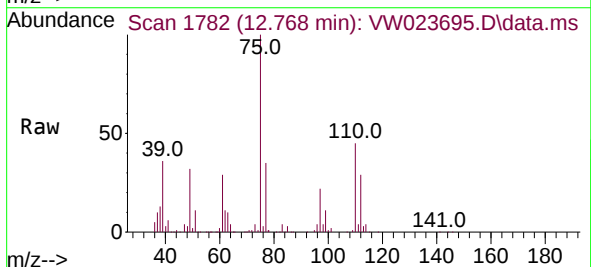
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

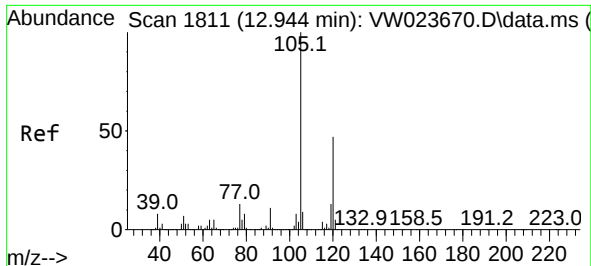
Tgt Ion:105 Resp: 382657
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 16.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 23.987 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023695.D
Acq: 14 Jul 2022 12:03

Tgt Ion: 75 Resp: 60546
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4
110 41.9 31.9 47.9





#62

1,3,5-Trimethylbenzene

Concen: 25.102 ug/L

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_W

ClientSampleId :

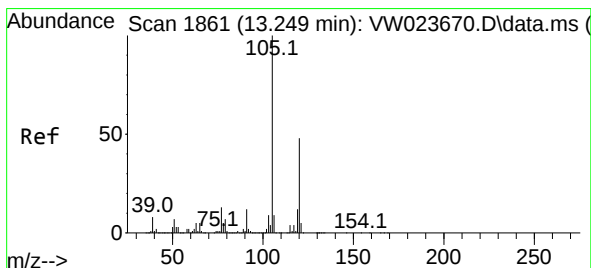
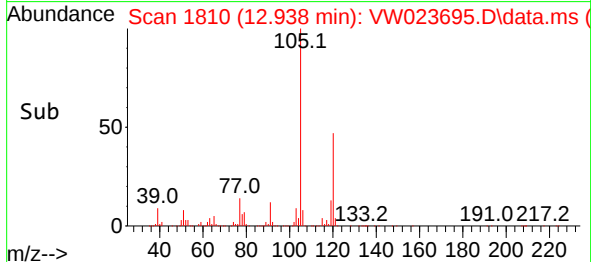
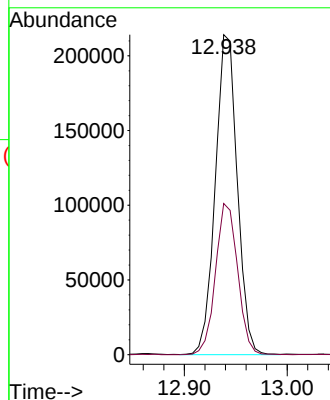
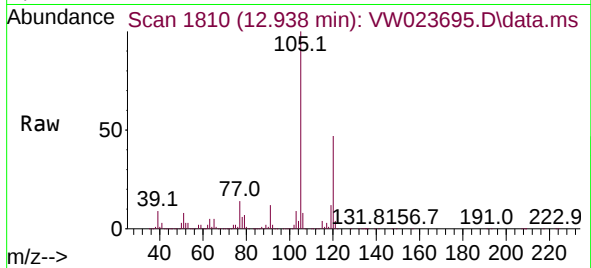
VSTD025483

Tgt Ion:105 Resp: 317783

Ion Ratio Lower Upper

105 100

120 47.6 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 25.129 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023695.D

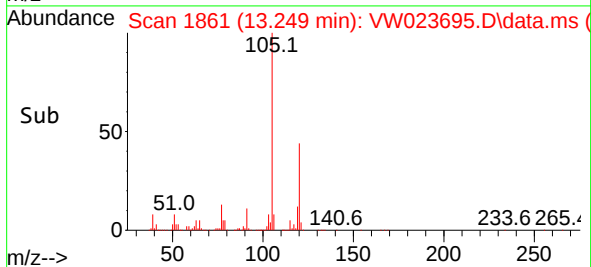
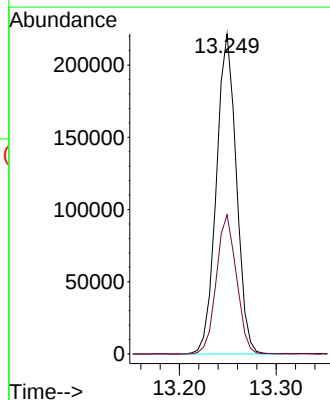
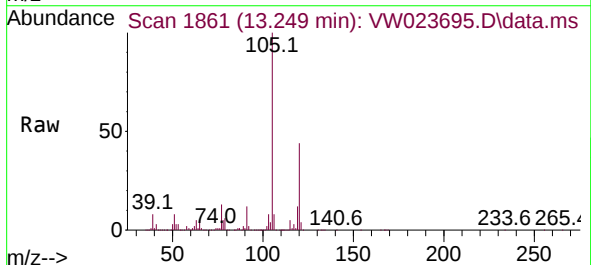
Acq: 14 Jul 2022 12:03

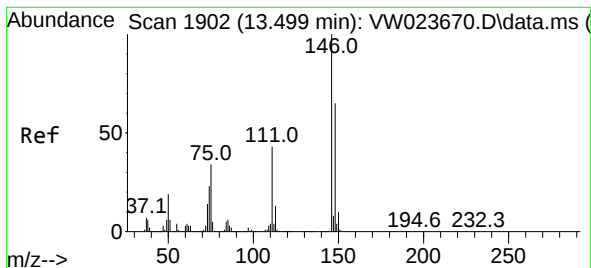
Tgt Ion:105 Resp: 318068

Ion Ratio Lower Upper

105 100

120 43.6 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 23.682 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

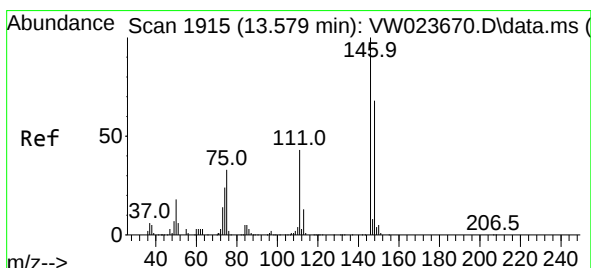
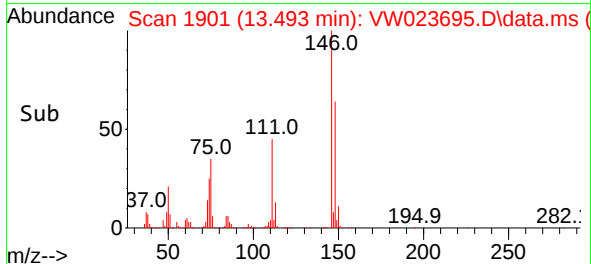
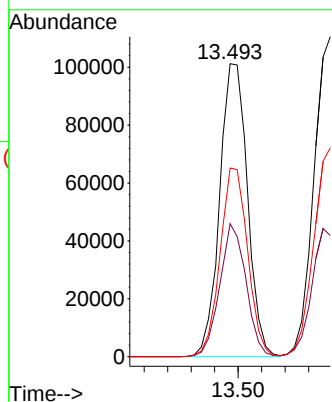
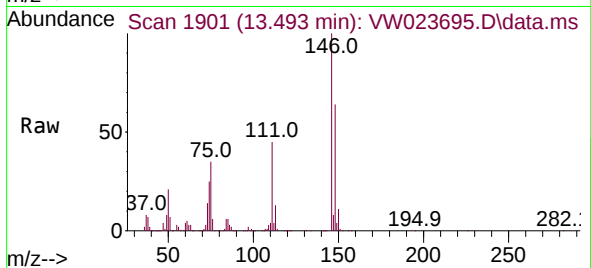
Tgt Ion:146 Resp: 166271

Ion Ratio Lower Upper

146 100

111 45.4 28.6 53.2

148 64.4 41.2 76.4



#65

1,4-Dichlorobenzene

Concen: 23.200 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

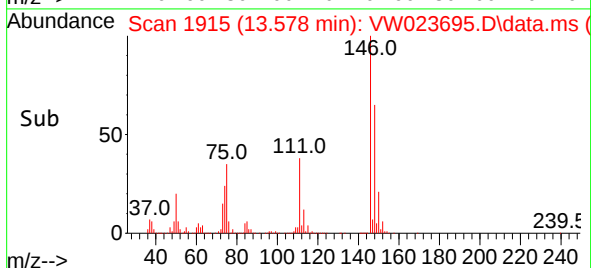
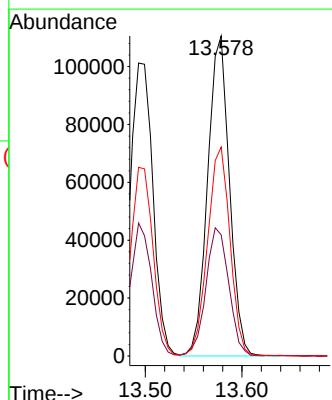
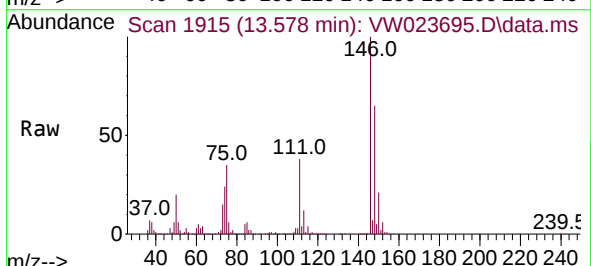
Tgt Ion:146 Resp: 173290

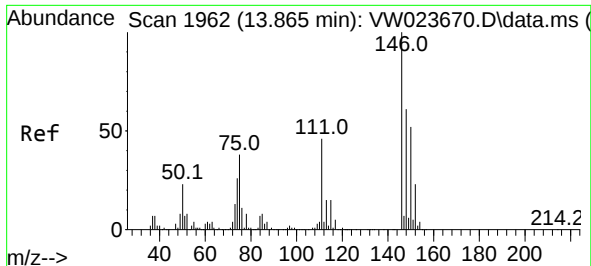
Ion Ratio Lower Upper

146 100

111 37.9 29.4 54.6

148 65.3 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 24.956 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

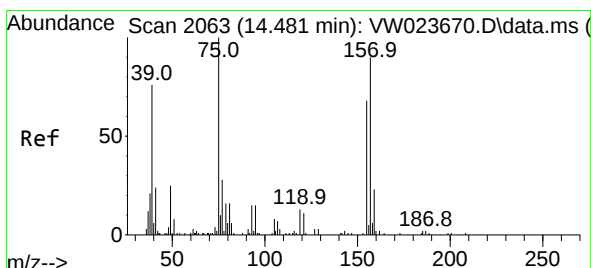
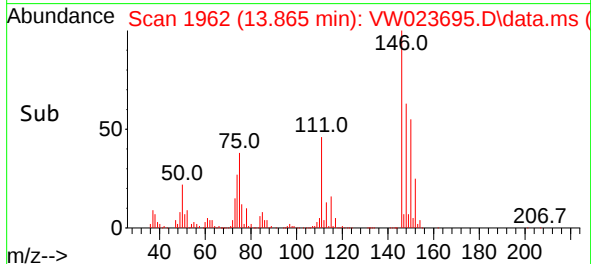
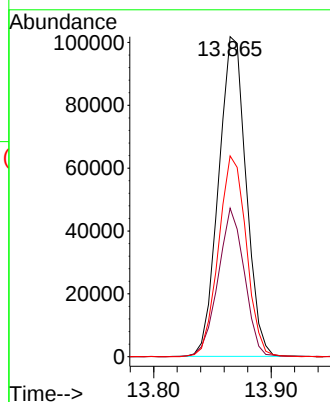
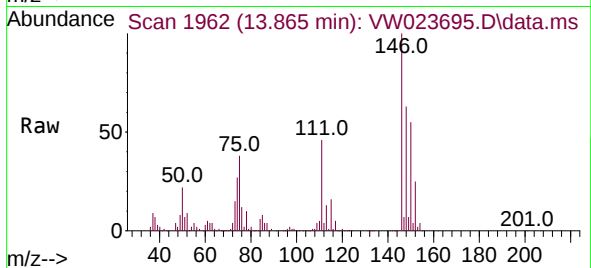
Tgt Ion:146 Resp: 165243

Ion Ratio Lower Upper

146 100

111 46.4 35.9 53.9

148 62.8 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 24.104 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

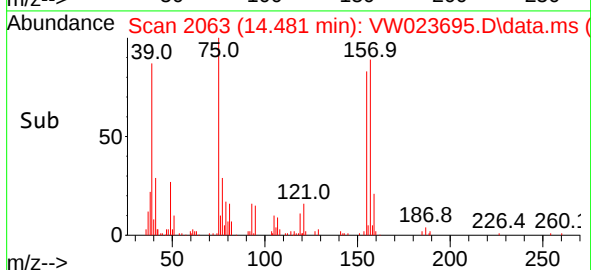
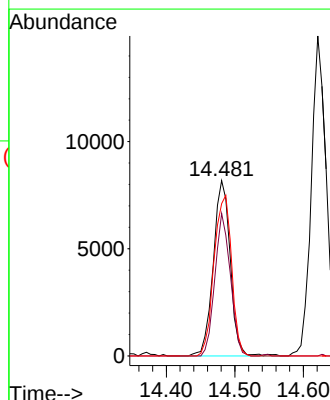
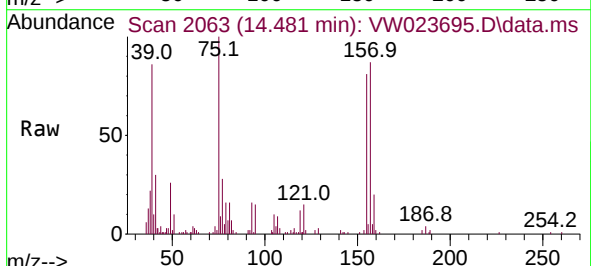
Tgt Ion: 75 Resp: 14033

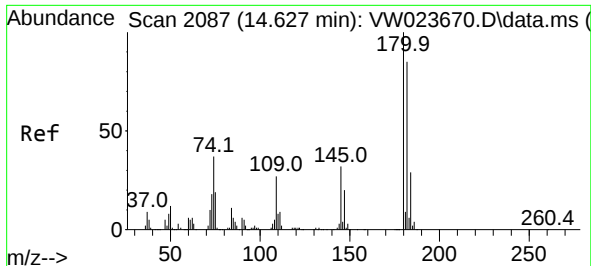
Ion Ratio Lower Upper

75 100

155 86.0 51.7 77.5#

157 86.9 63.5 95.3

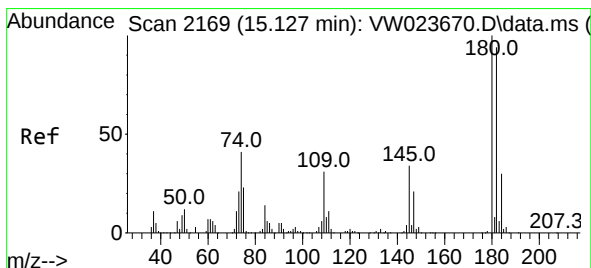
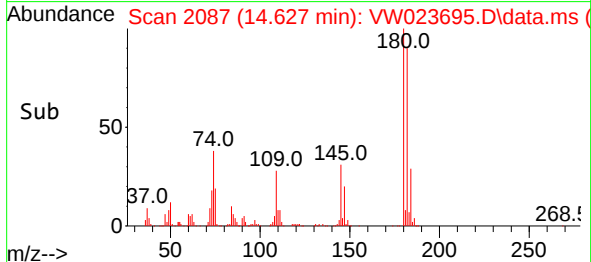
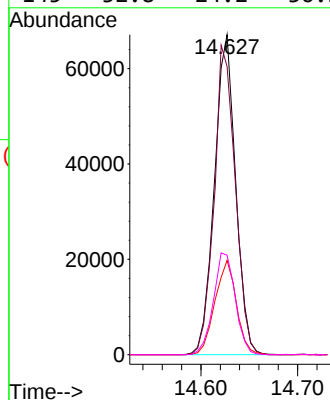
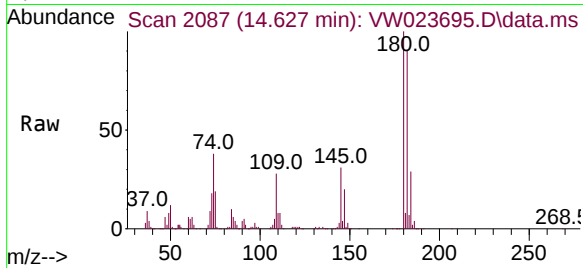




#69
 1,3,5-Trichlorobenzene
 Concen: 21.992 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW023695.D
 Acq: 14 Jul 2022 12:03

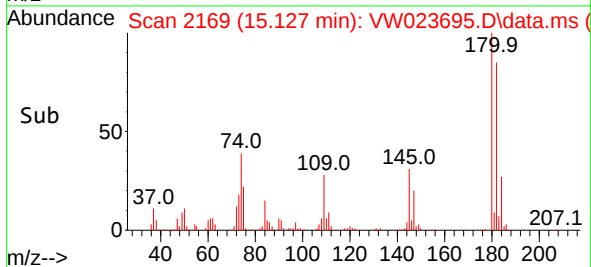
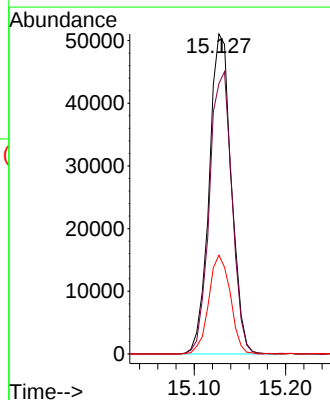
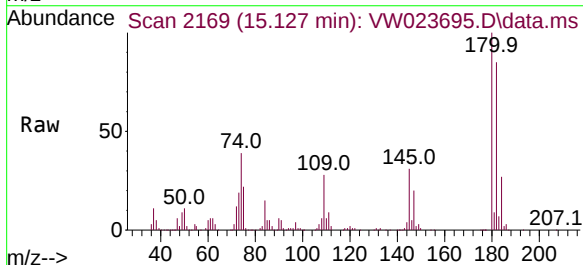
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

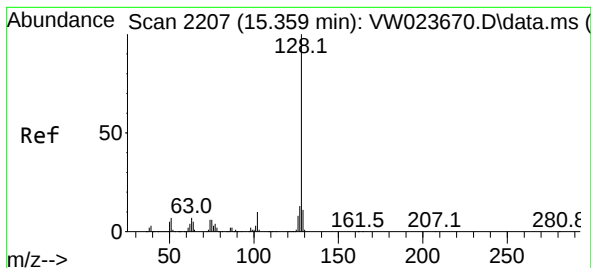
Tgt Ion:180	Resp:	102199
Ion Ratio	Lower	Upper
180	100	
182	95.9	70.2 105.2
184	29.9	22.6 34.0
145	32.8	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 23.902 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023695.D
 Acq: 14 Jul 2022 12:03

Tgt Ion:180	Resp:	85769
Ion Ratio	Lower	Upper
180	100	
182	90.0	77.5 116.3
145	30.2	26.3 39.5





#71

Naphthalene

Concen: 24.085 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

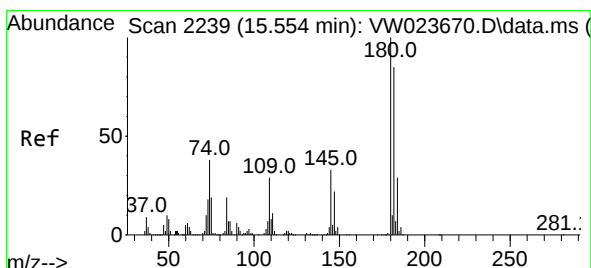
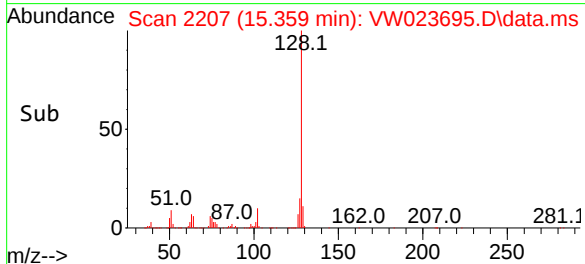
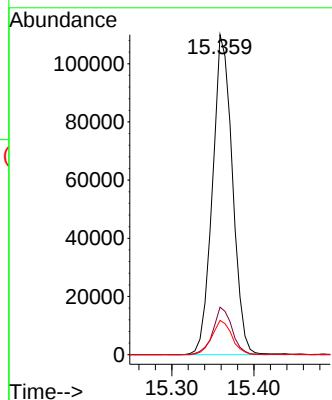
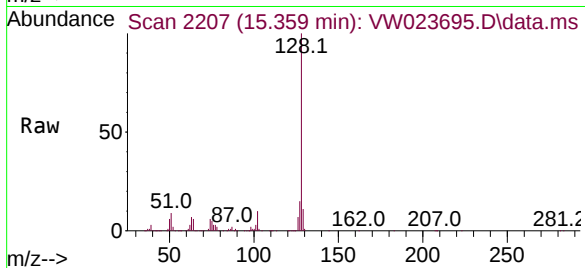
Tgt Ion:128 Resp: 185392

Ion Ratio Lower Upper

128 100

127 14.3 11.0 16.4

129 10.7 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 22.619 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023695.D

Acq: 14 Jul 2022 12:03

Tgt Ion:180 Resp: 75653

Ion Ratio Lower Upper

180 100

182 94.2 76.3 114.5

145 33.0 27.8 41.6

