

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071422\
 Data File : VW023697.D
 Acq On : 14 Jul 2022 13:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Jul 15 03:35:52 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	8.842	114	190699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	197070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	117457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	149701	30.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.960%	
7) Chloroethane-d5	2.873	69	98645	30.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 121.440%	
11) 1,1-Dichloroethene-d2	4.013	63	93959	23.690	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 94.760%	
21) 2-Butanone-d5	7.080	46	34138	45.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 90.380%	
24) Chloroform-d	7.641	84	135318	24.372	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.480%	
26) 1,2-Dichloroethane-d4	8.305	65	81653	24.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 96.200%	
32) Benzene-d6	8.269	84	258629	25.246	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.000%	
36) 1,2-Dichloropropane-d6	9.274	67	74851	24.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.040%	
41) Toluene-d8	10.323	98	265898	25.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.360%	
43) trans-1,3-Dichloroprop...	10.579	79	36332	25.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.480%	
47) 2-Hexanone-d5	10.921	63	30514	47.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.060%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	83266	24.417	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 97.680%	
66) 1,2-Dichlorobenzene-d4	13.853	152	98066	23.388	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	32410	25.009	ug/L	97
3) Chloromethane	2.215	50	77090	24.291	ug/L	97
5) Vinyl chloride	2.355	62	145885	26.770	ug/L	100
6) Bromomethane	2.770	94	88441	25.091	ug/L	92
8) Chloroethane	2.916	64	69776	27.368	ug/L	98
9) Trichlorofluoromethane	3.245	101	72422	29.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	53073	21.892	ug/L #	73
12) 1,1-Dichloroethene	4.038	96	44062	21.797	ug/L	85
13) Acetone	4.123	43	20302	38.009	ug/L	93
14) Carbon disulfide	4.379	76	120716	20.300	ug/L	98
15) Methyl Acetate	4.672	43	24861	20.796	ug/L #	53
16) Methylene chloride	4.909	84	57976	19.442	ug/L	93
17) trans-1,2-Dichloroethene	5.422	96	55278	22.538	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	47970	12.642	ug/L #	61
19) 1,1-Dichloroethane	6.208	63	103981	22.983	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	63162	23.245	ug/L #	97
22) 2-Butanone	7.171	43	38591	43.964	ug/L	98
23) Bromochloromethane	7.507	128	30896	23.670	ug/L	90
25) Chloroform	7.671	83	120723	23.162	ug/L	93

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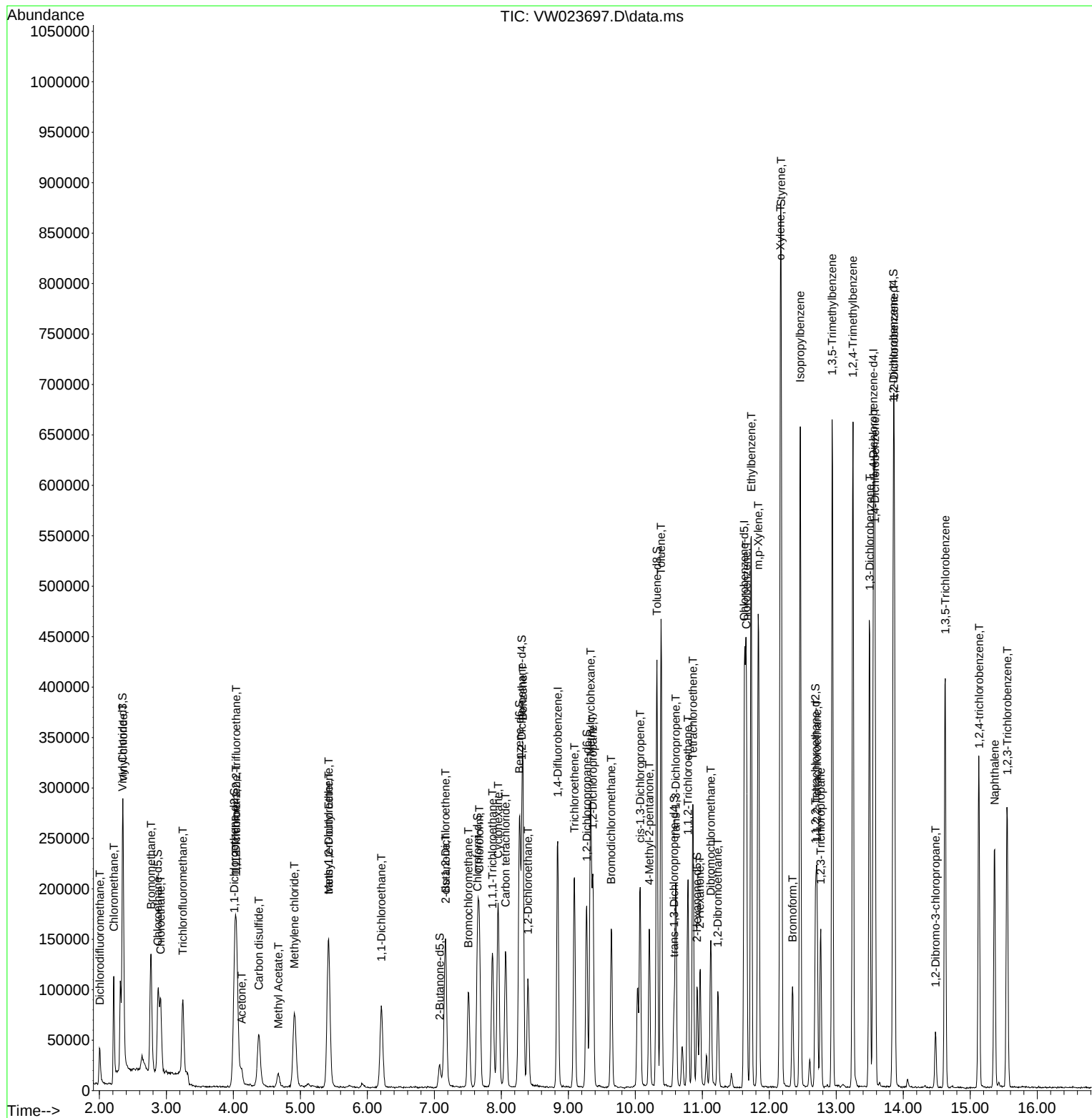
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	90575	23.612	ug/L	96
29) Cyclohexane	7.952	56	84834	23.537	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	101969	23.897	ug/L	98
31) Carbon tetrachloride	8.061	117	90780	23.601	ug/L	97
33) Benzene	8.323	78	264006	23.574	ug/L	100
34) Trichloroethene	9.092	95	66479	22.480	ug/L	94
35) Methylcyclohexane	9.335	83	107618	23.898	ug/L	99
37) 1,2-Dichloropropane	9.366	63	66405	23.652	ug/L	100
38) Bromodichloromethane	9.640	83	95902	24.474	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	103279	24.406	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	95635	48.950	ug/L	98
42) Toluene	10.384	91	315353	24.691	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	101738	25.294	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	57905	23.587	ug/L	98
46) Tetrachloroethene	10.860	164	54385	23.784	ug/L	93
48) 2-Hexanone	10.963	43	70811	49.781	ug/L	99
49) Dibromochloromethane	11.128	129	70212	24.662	ug/L	96
50) 1,2-Dibromoethane	11.231	107	55800	23.659	ug/L #	90
51) Chlorobenzene	11.658	112	207382	24.076	ug/L	97
52) Ethylbenzene	11.731	91	368508	25.391	ug/L	97
53) m,p-Xylene	11.835	106	144579	25.532	ug/L	97
54) o-Xylene	12.164	106	141546	26.029	ug/L	96
55) Styrene	12.176	104	257136	26.765	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	82857	24.744	ug/L	97
59) Bromoform	12.347	173	38820	22.414	ug/L #	95
60) Isopropylbenzene	12.463	105	390319	24.738	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	57343	22.265	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	322027	24.929	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	328991	25.474	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	170846	23.849	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	182215	23.908	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	169057	25.023	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	13367	22.502	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	110622	23.330	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	88356	24.132	ug/L	99
71) Naphthalene	15.365	128	186193	23.707	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	84723	24.826	ug/L	93

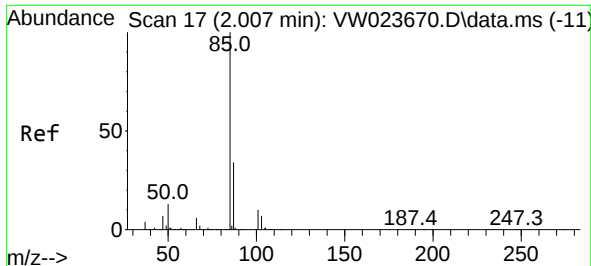
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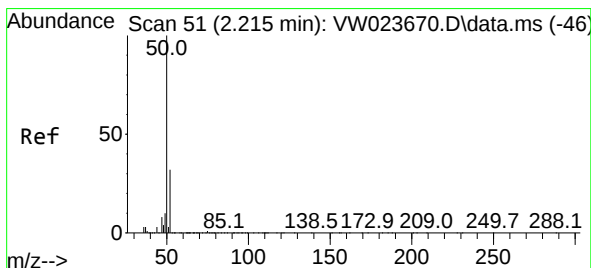
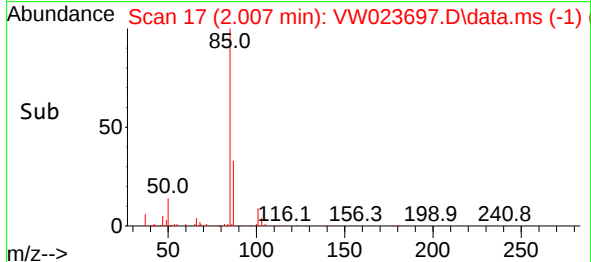
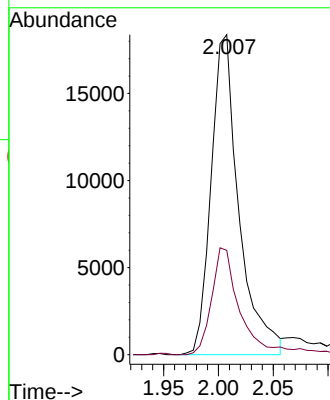
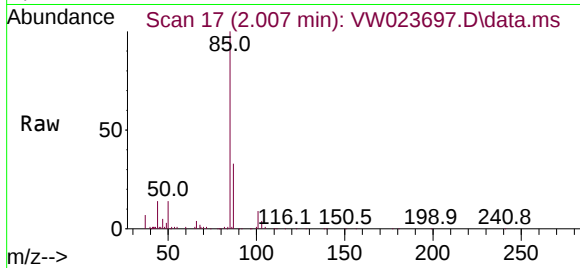




#2
 Dichlorodifluoromethane
 Concen: 25.009 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023697.D
 Acq: 14 Jul 2022 13:31

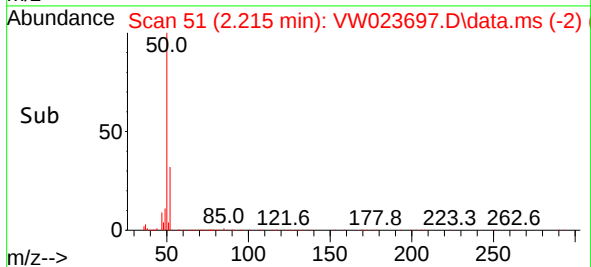
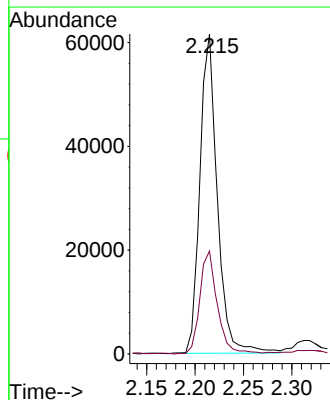
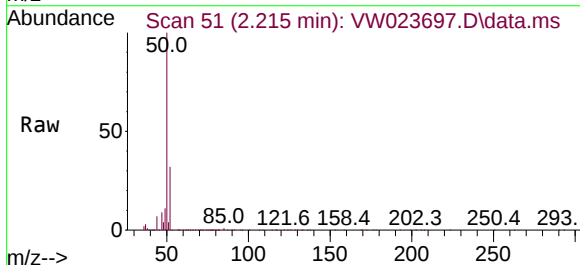
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

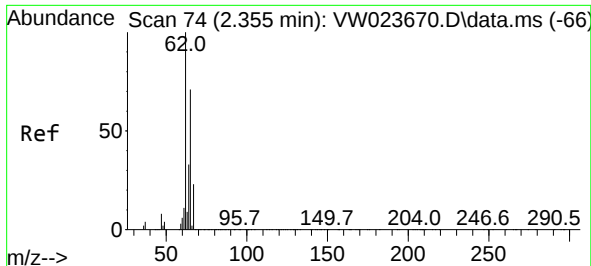
Tgt Ion: 85 Resp: 32410
 Ion Ratio Lower Upper
 85 100
 87 32.3 24.7 37.1



#3
 Chloromethane
 Concen: 24.291 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023697.D
 Acq: 14 Jul 2022 13:31

Tgt Ion: 50 Resp: 77090
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.7 44.1

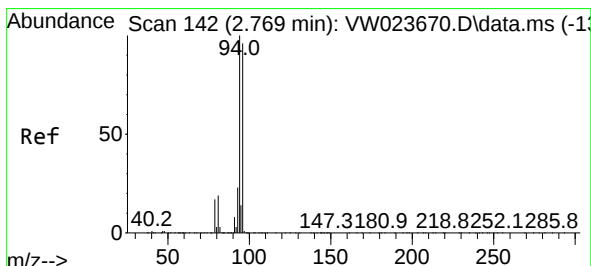
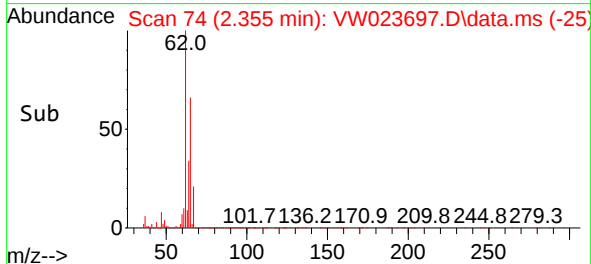
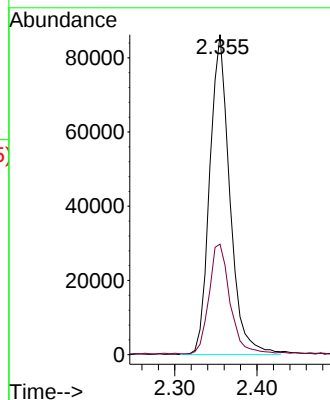
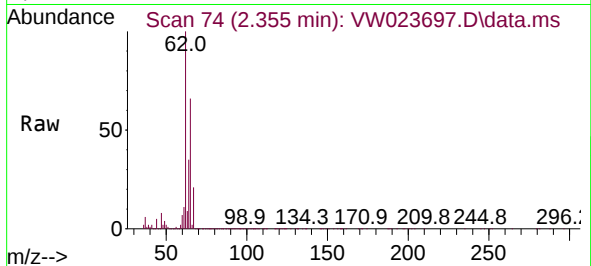




#5
 Vinyl chloride
 Concen: 26.770 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023697.D
 Acq: 14 Jul 2022 13:31

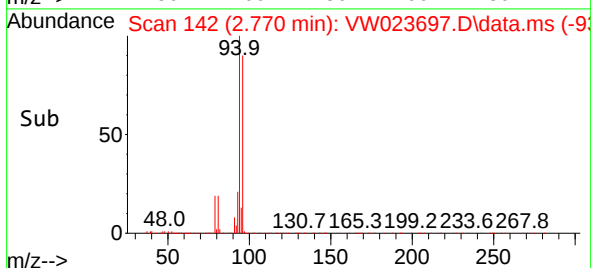
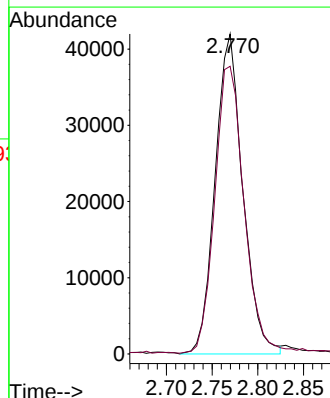
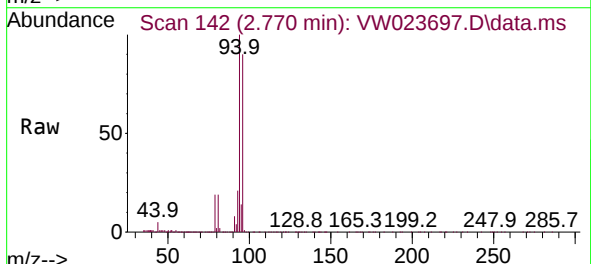
Instrument :
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 ClientSampleId :
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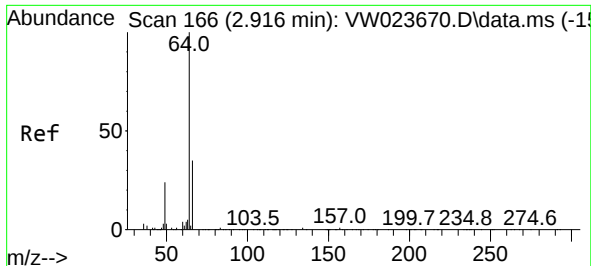
Tgt Ion: 62 Resp: 145885
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.0 44.6



#6
 Bromomethane
 Concen: 25.091 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023697.D
 Acq: 14 Jul 2022 13:31

Tgt Ion: 94 Resp: 88441
 Ion Ratio Lower Upper
 94 100
 96 89.9 68.2 126.6

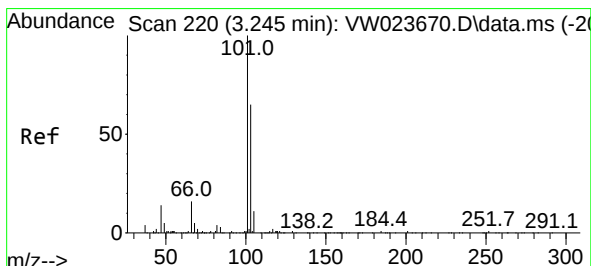
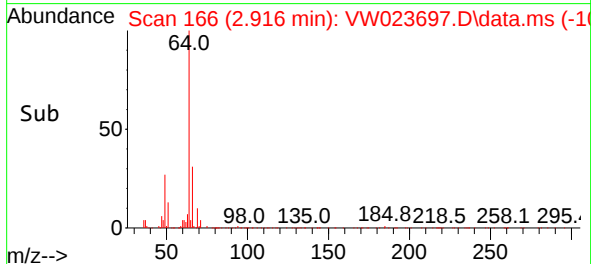
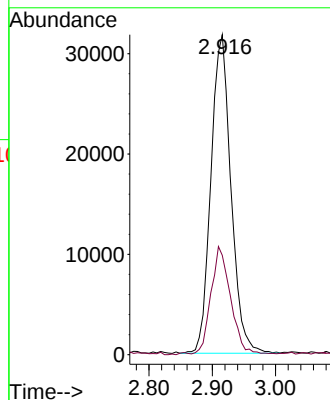
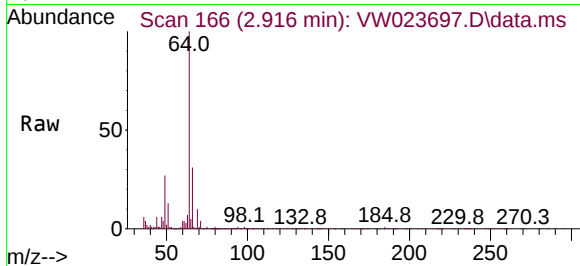




#8
Chloroethane
Concen: 27.368 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

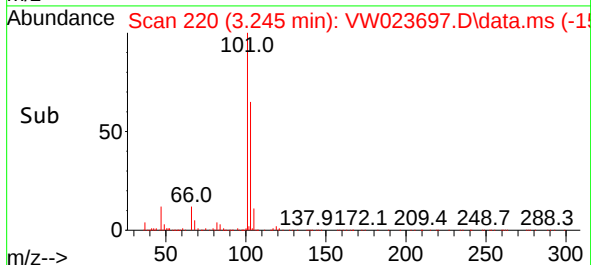
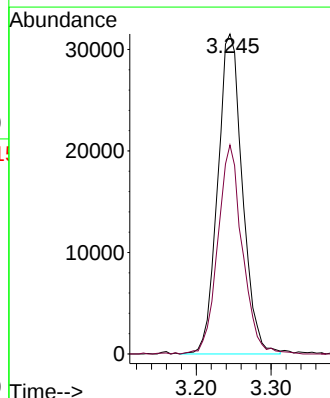
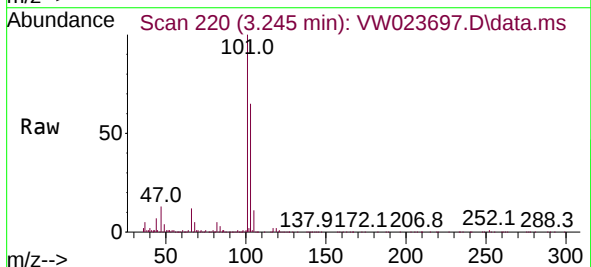
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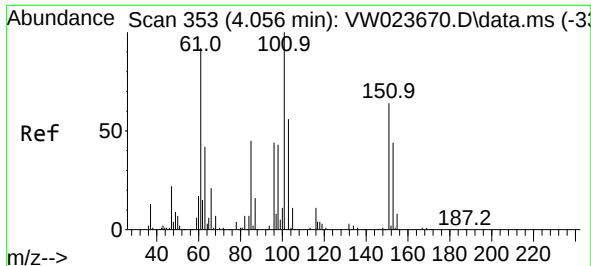
Tgt Ion: 64 Resp: 69776
Ion Ratio Lower Upper
64 100
66 31.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 29.236 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion: 101 Resp: 72422
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 21.892 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.012 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

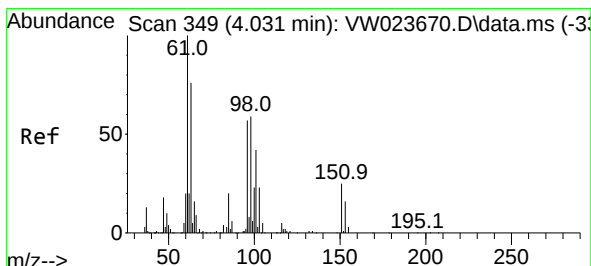
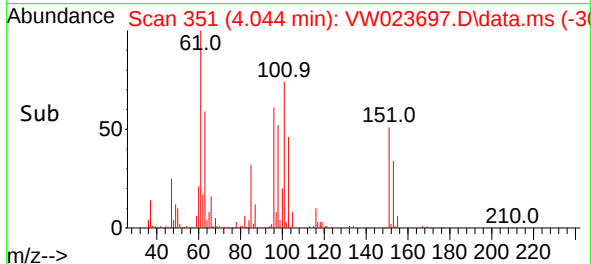
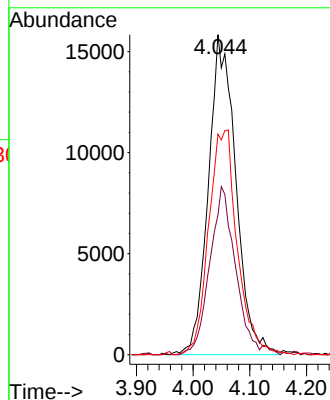
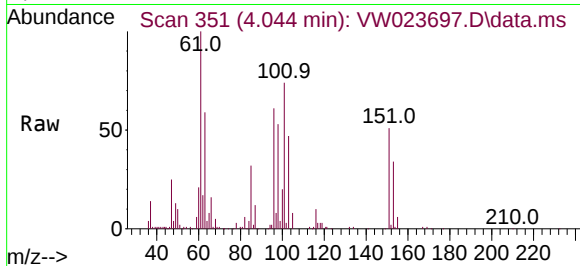
Tgt Ion:101 Resp: 53073

Ion Ratio Lower Upper

101 100

85 48.7 37.6 56.4

151 36.4 57.6 86.4#



#12

1,1-Dichloroethene

Concen: 21.797 ug/L

RT: 4.038 min Scan# 350

Delta R.T. 0.006 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

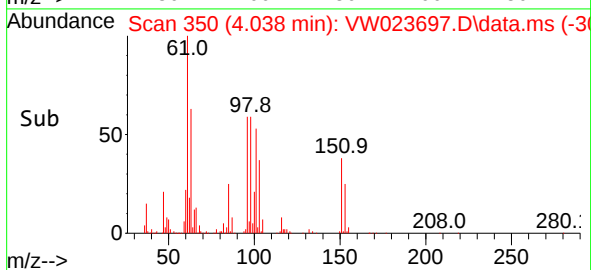
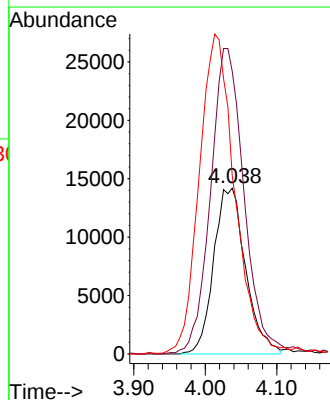
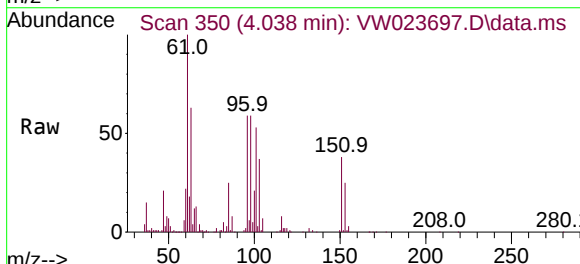
Tgt Ion: 96 Resp: 44062

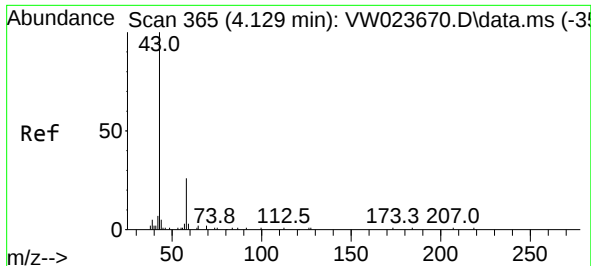
Ion Ratio Lower Upper

96 100

61 170.5 125.4 232.8

63 107.7 97.4 180.8





#13

Acetone

Concen: 38.009 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

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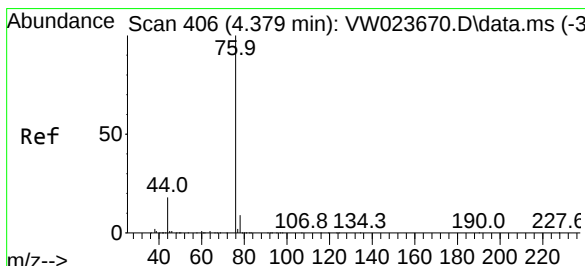
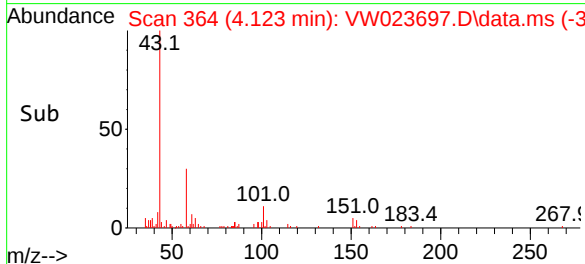
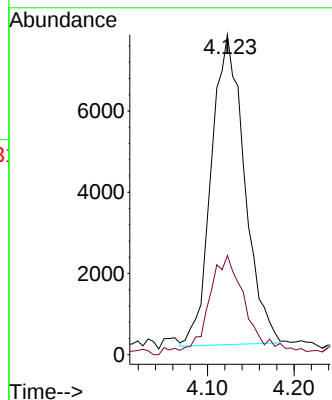
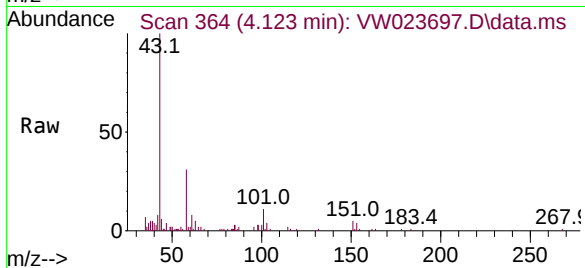
VSTD025484

Tgt Ion: 43 Resp: 20302

Ion Ratio Lower Upper

43 100

58 35.9 0.0 64.2



#14

Carbon disulfide

Concen: 20.300 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

Lab File: VW023697.D

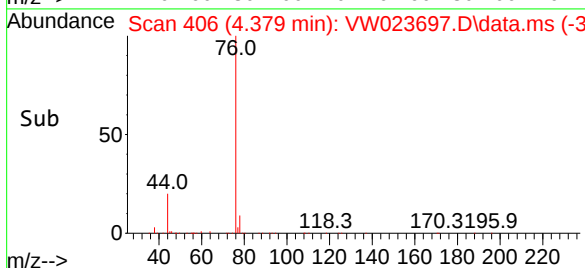
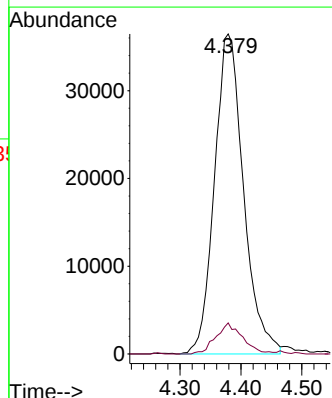
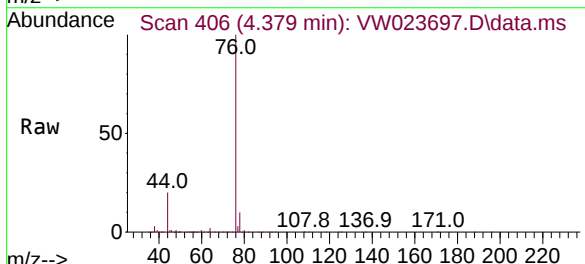
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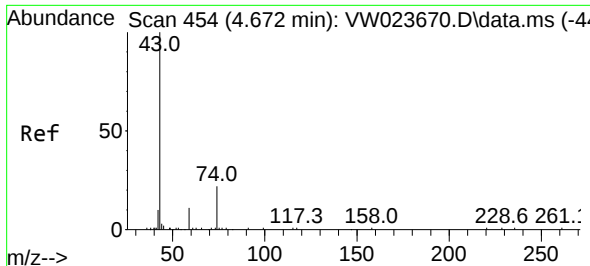
Tgt Ion: 76 Resp: 120716

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8

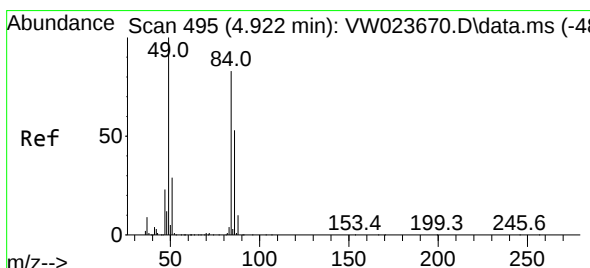
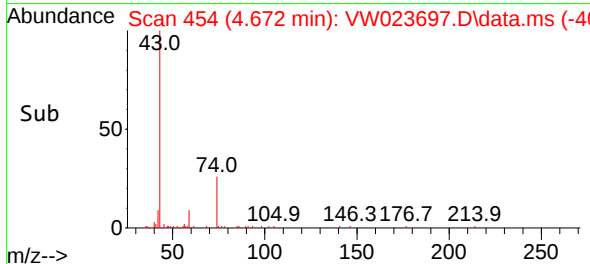
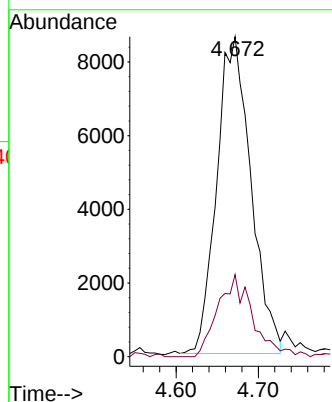
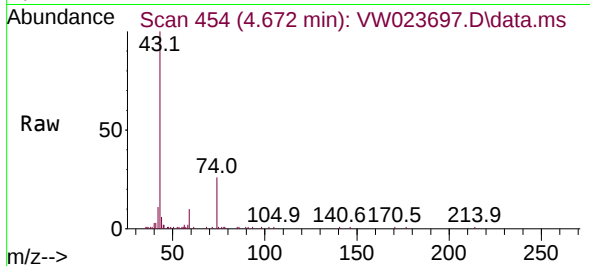




#15
Methyl Acetate
Concen: 20.796 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

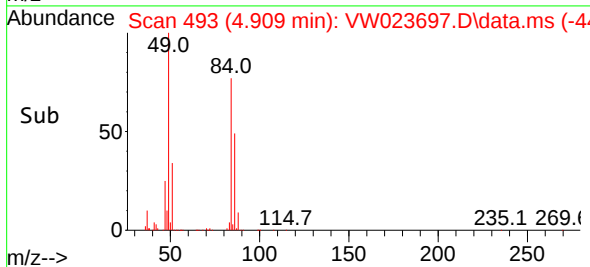
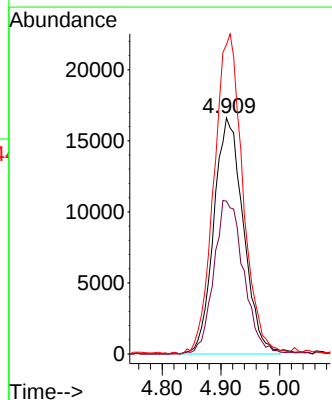
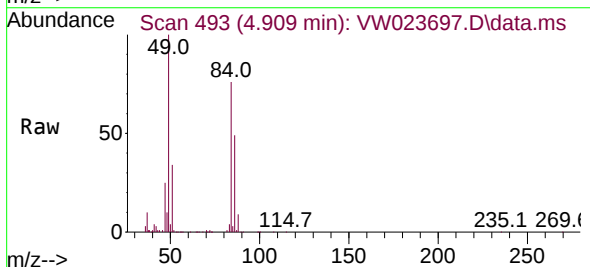
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

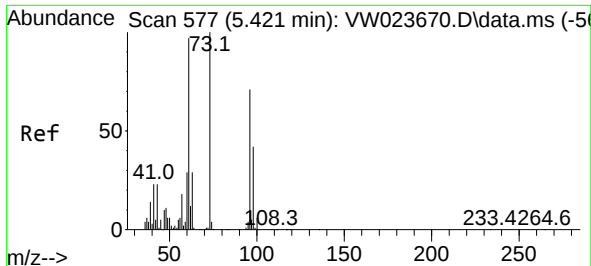
Tgt Ion: 43 Resp: 24861
Ion Ratio Lower Upper
43 100
74 1.6 20.0 30.0#



#16
Methylene chloride
Concen: 19.442 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion: 84 Resp: 57976
Ion Ratio Lower Upper
84 100
86 64.7 42.8 79.6
49 131.0 85.4 158.6

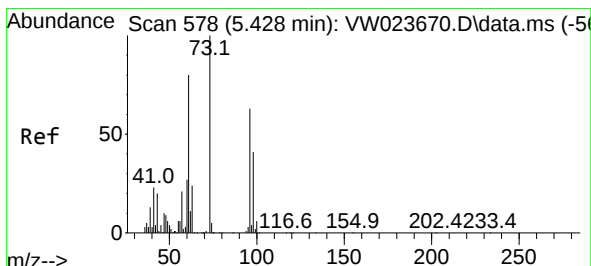
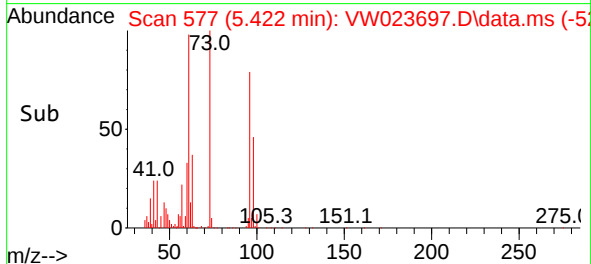
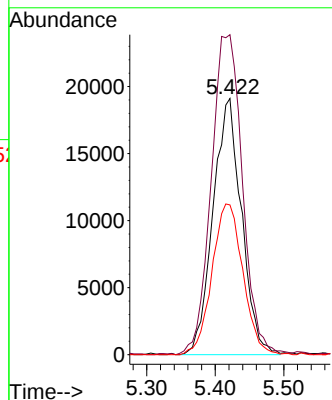
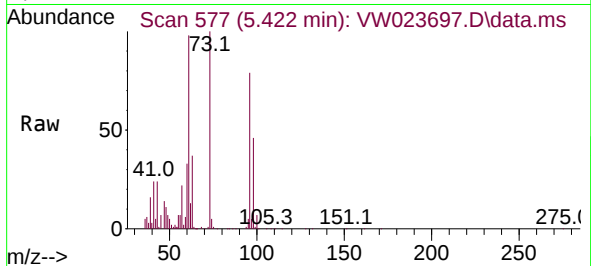




#17
trans-1,2-Dichloroethene
Concen: 22.538 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

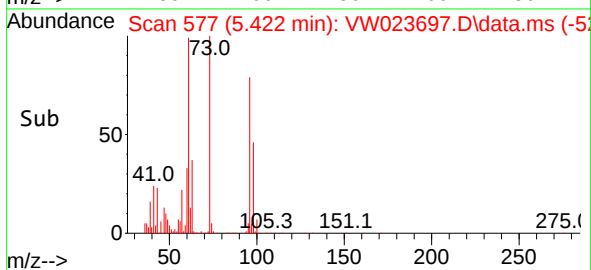
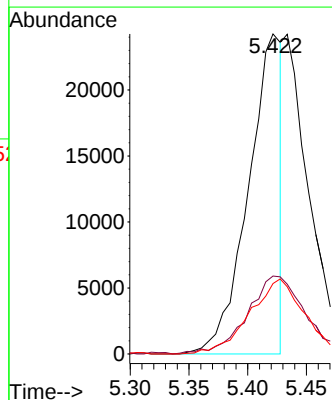
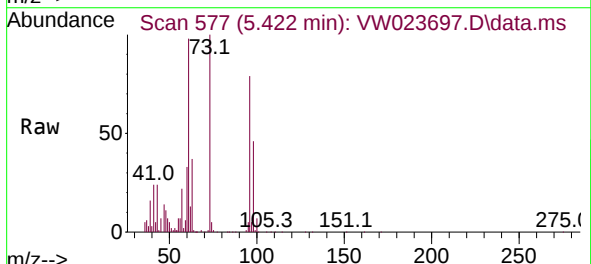
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

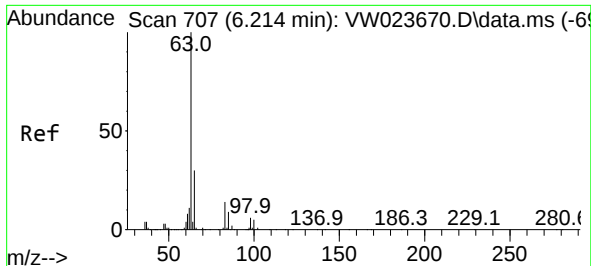
Tgt Ion: 96 Resp: 55278
Ion Ratio Lower Upper
96 100
61 125.0 90.8 168.6
98 58.5 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 12.642 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion: 73 Resp: 47970
Ion Ratio Lower Upper
73 100
43 41.6 17.6 26.4#
57 38.4 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 22.983 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

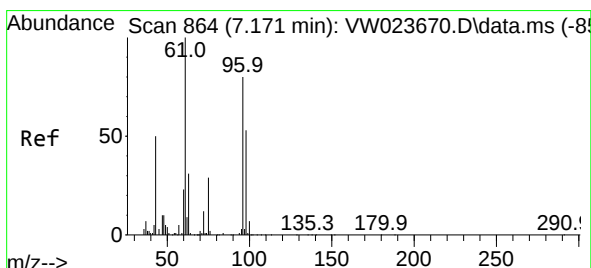
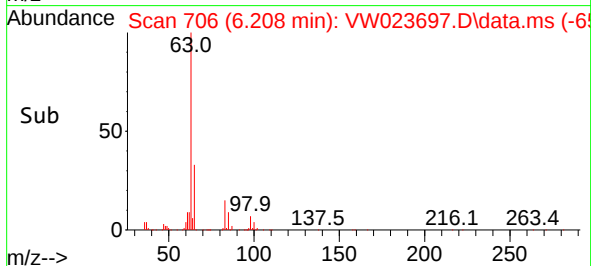
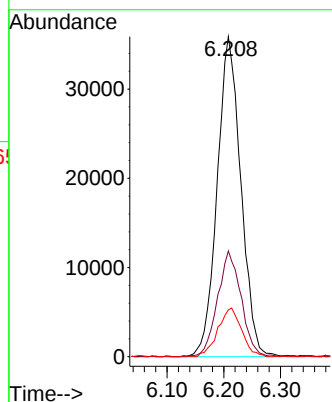
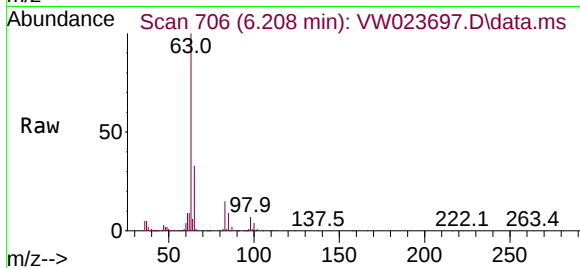
Tgt Ion: 63 Resp: 103981

Ion Ratio Lower Upper

63 100

65 33.1 22.7 42.1

83 14.7 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 23.245 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

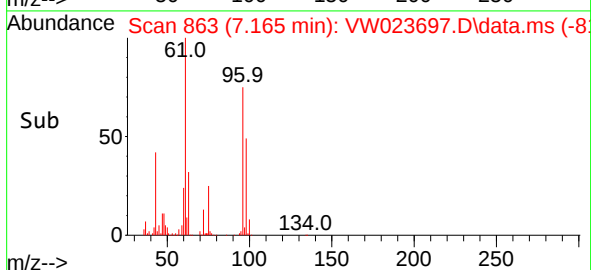
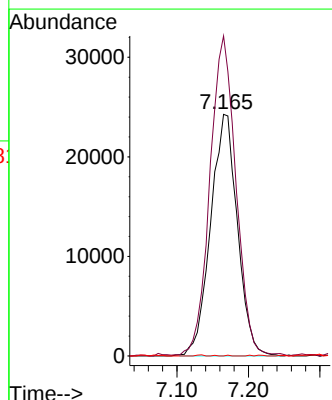
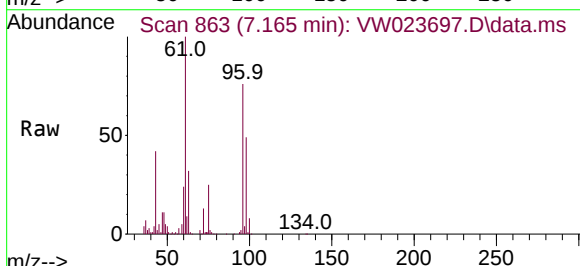
Tgt Ion: 96 Resp: 63162

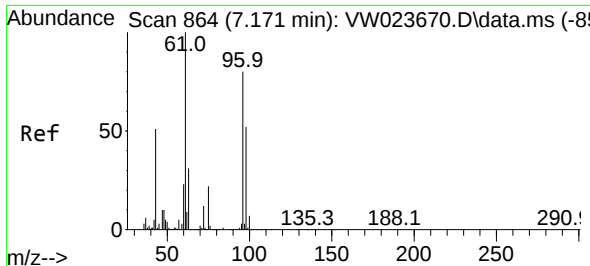
Ion Ratio Lower Upper

96 100

61 132.4 90.6 168.2

68 0.0 0.2 0.4

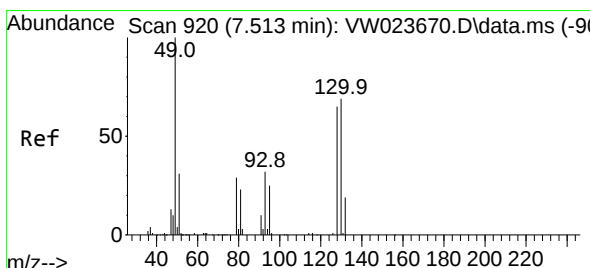
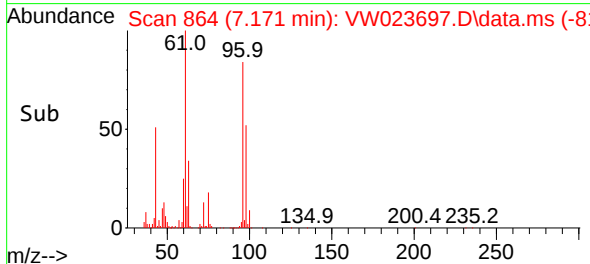
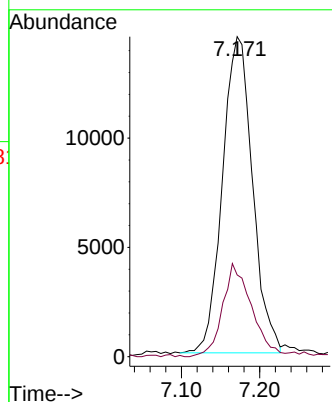
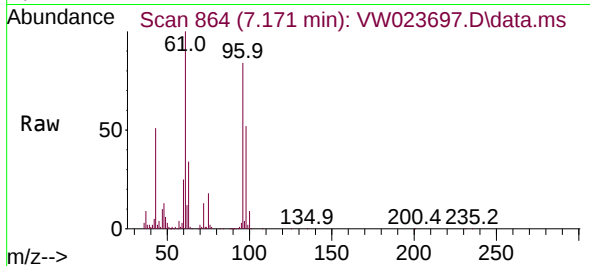




#22
2-Butanone
Concen: 43.964 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

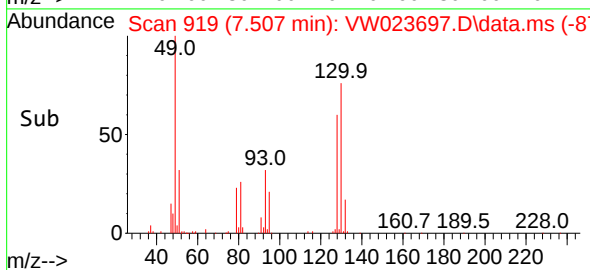
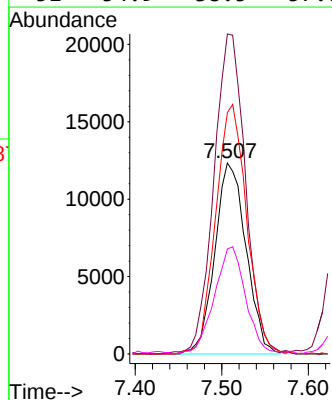
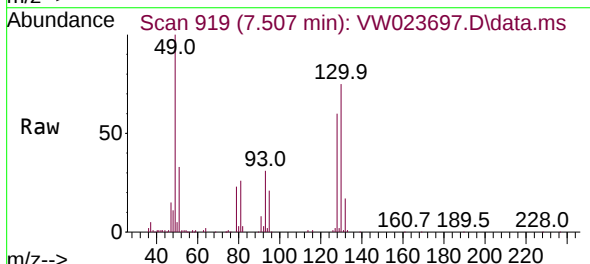
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

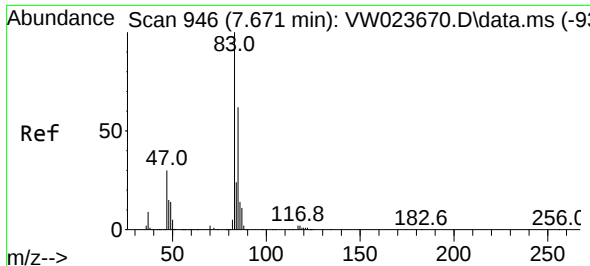
Tgt Ion: 43 Resp: 38591
Ion Ratio Lower Upper
43 100
72 28.3 14.7 44.1



#23
Bromochloromethane
Concen: 23.670 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion: 128 Resp: 30896
Ion Ratio Lower Upper
128 100
49 167.5 106.0 196.8
130 126.4 83.2 154.4
51 54.9 38.5 57.7

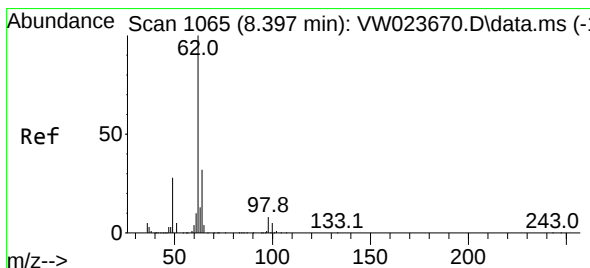
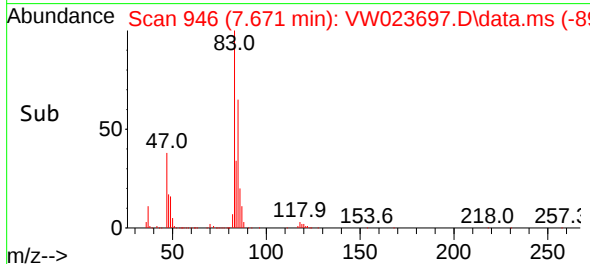
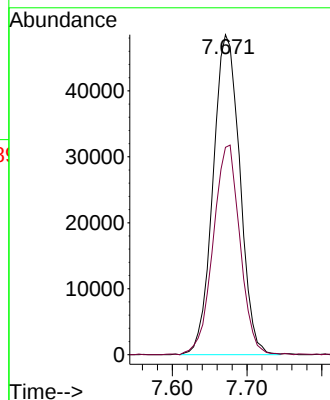
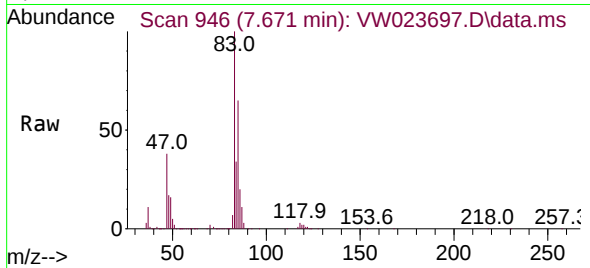




#25
Chloroform
Concen: 23.162 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

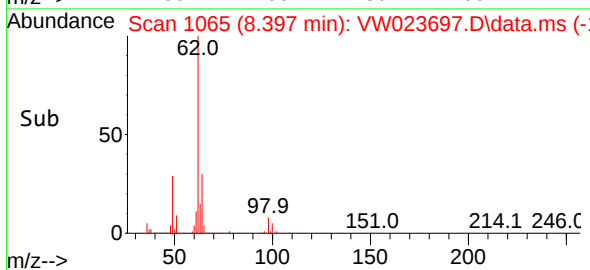
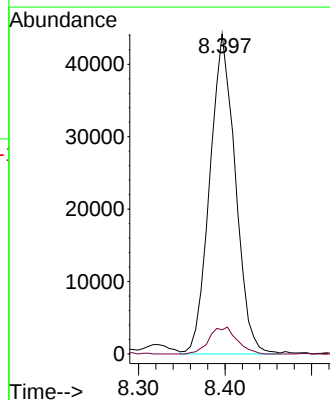
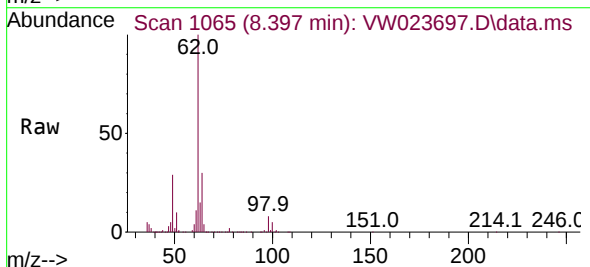
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

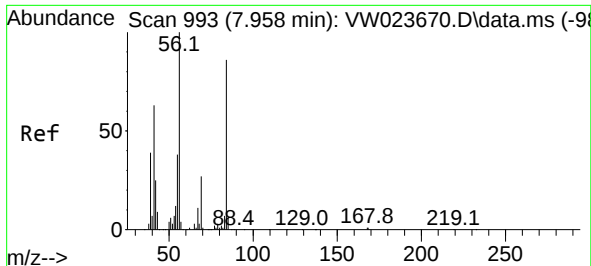
Tgt Ion: 83 Resp: 120723
Ion Ratio Lower Upper
83 100
85 64.8 41.9 77.9



#27
1,2-Dichloroethane
Concen: 23.612 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion: 62 Resp: 90575
Ion Ratio Lower Upper
62 100
98 7.6 7.2 10.8

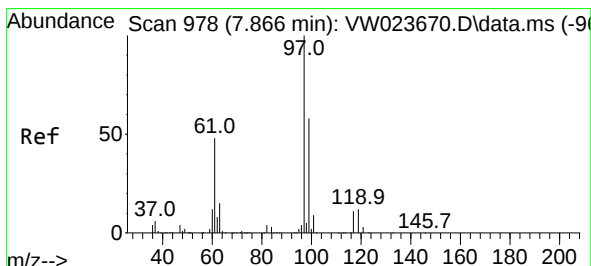
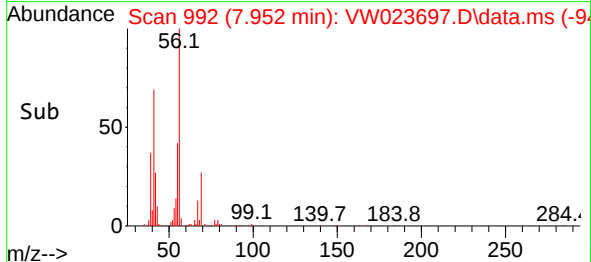
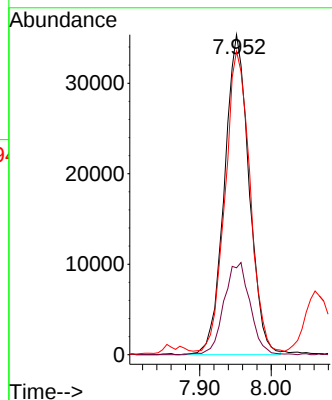
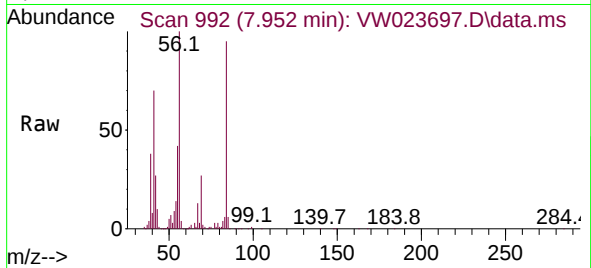




#29
Cyclohexane
Concen: 23.537 ug/L
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

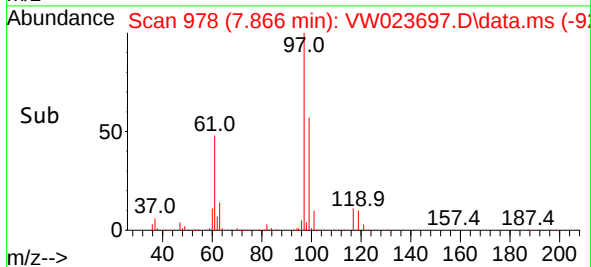
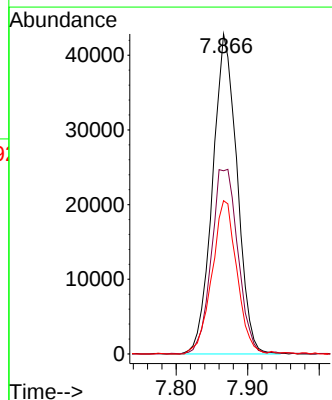
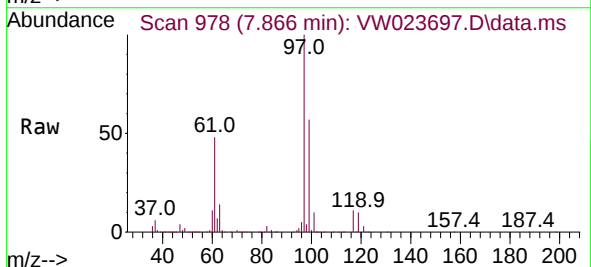
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

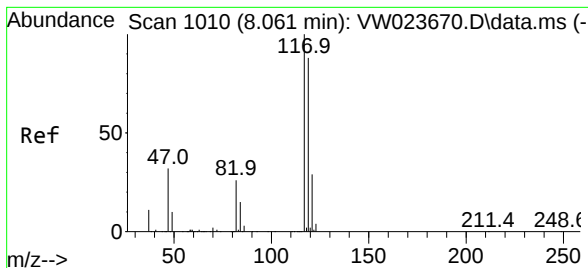
Tgt Ion: 56	Resp: 84834
Ion Ratio	Lower Upper
56 100	
69 30.1	25.4 38.0
84 96.5	75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 23.897 ug/L
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion: 97	Resp: 101969
Ion Ratio	Lower Upper
97 100	
99 62.5	51.0 76.6
61 48.6	37.5 56.3

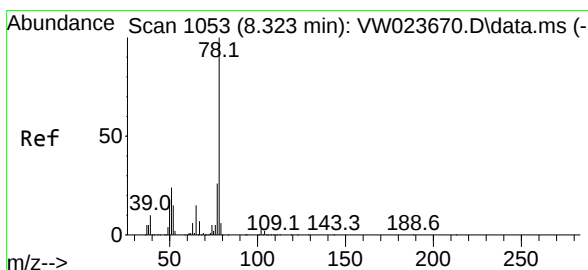
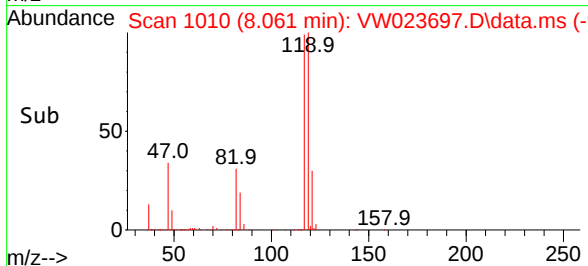
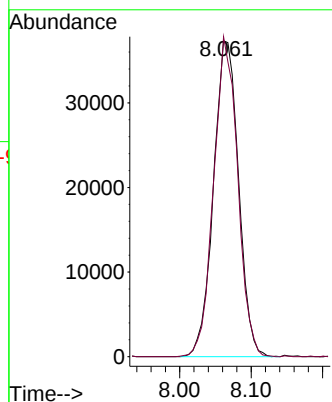
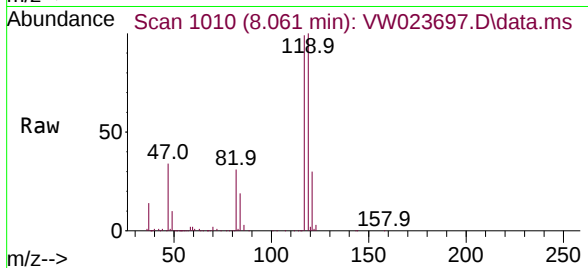




#31
Carbon tetrachloride
Concen: 23.601 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

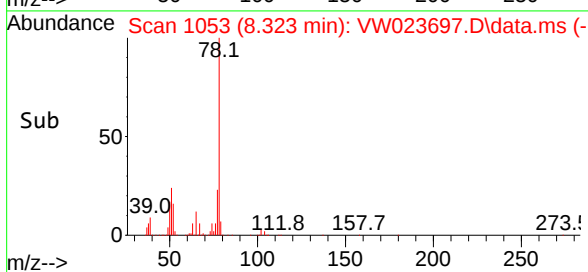
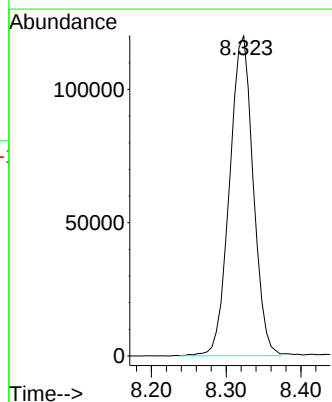
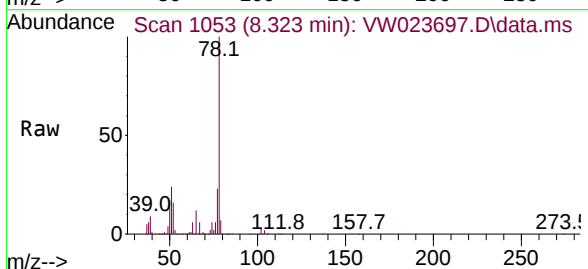
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

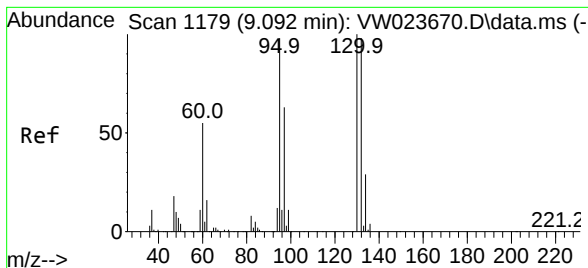
Tgt Ion:117 Resp: 90780
Ion Ratio Lower Upper
117 100
119 97.2 75.7 113.5



#33
Benzene
Concen: 23.574 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion: 78 Resp: 264006





#34

Trichloroethene

Concen: 22.480 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

Tgt Ion: 95 Resp: 66479

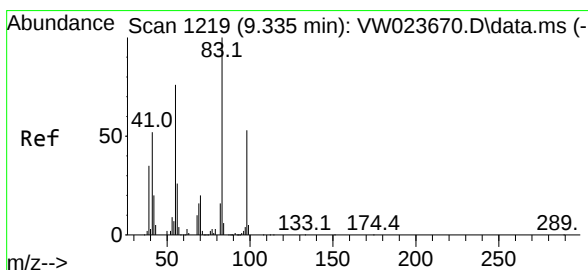
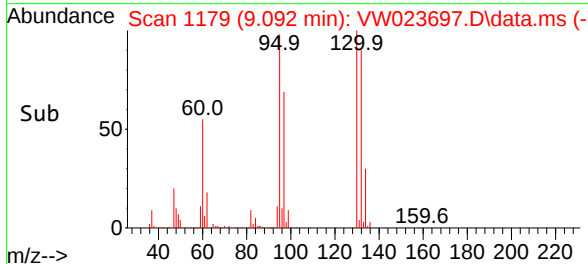
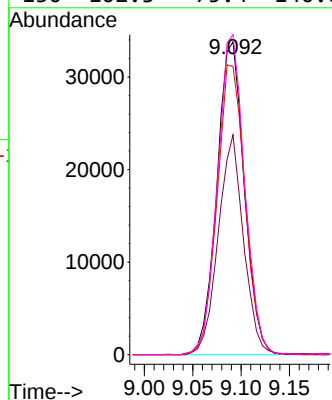
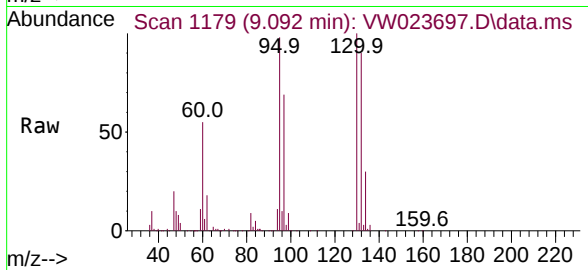
Ion Ratio Lower Upper

95 100

97 70.3 45.6 84.8

132 92.1 69.9 129.7

130 102.3 75.4 140.0



#35

Methylcyclohexane

Concen: 23.898 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

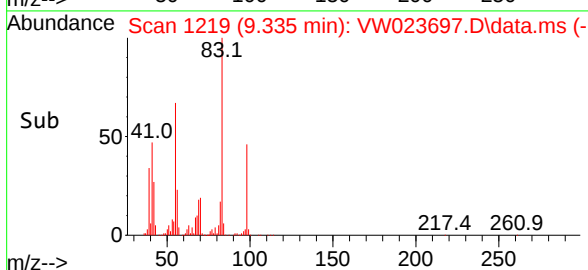
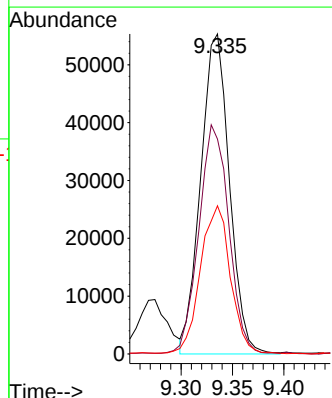
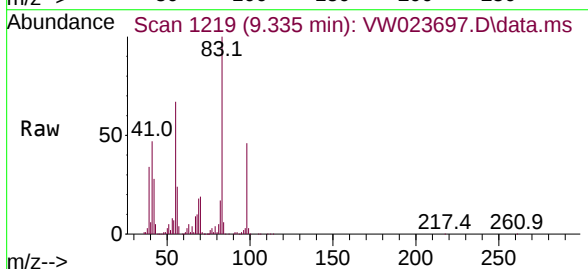
Tgt Ion: 83 Resp: 107618

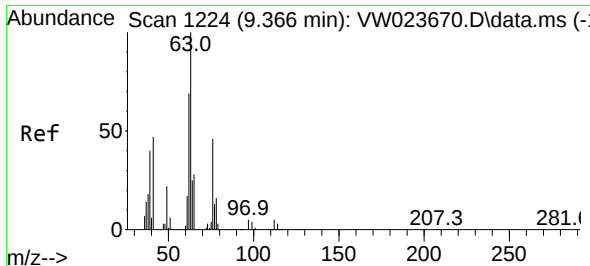
Ion Ratio Lower Upper

83 100

55 74.7 60.8 91.2

98 48.7 39.5 59.3





#37

1,2-Dichloropropane

Concen: 23.652 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

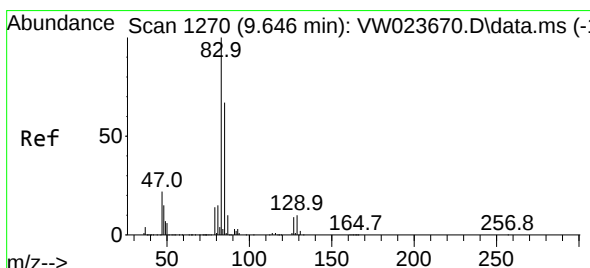
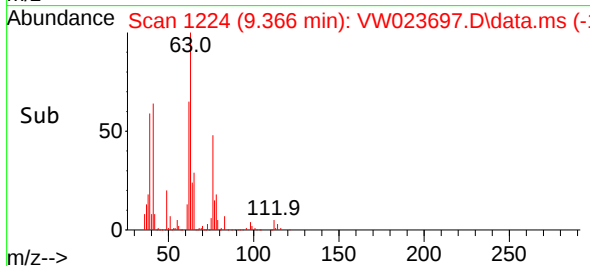
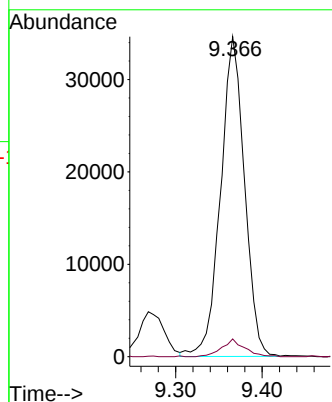
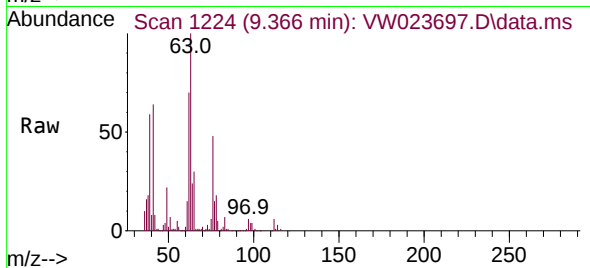
VSTD025484

Tgt Ion: 63 Resp: 66405

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 24.474 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

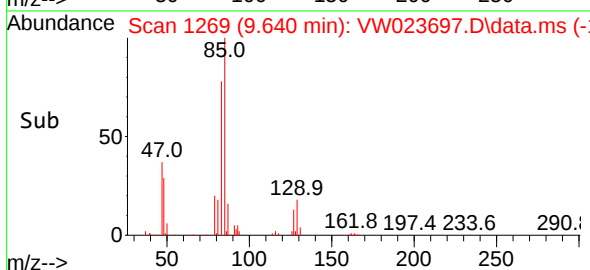
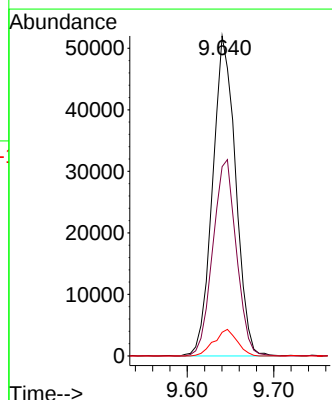
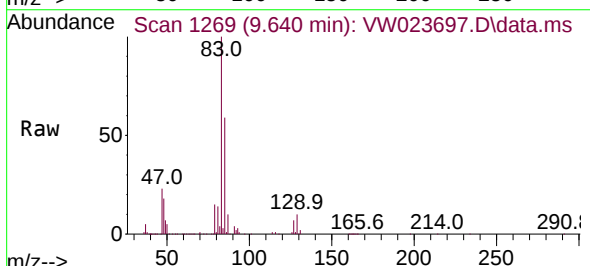
Tgt Ion: 83 Resp: 95902

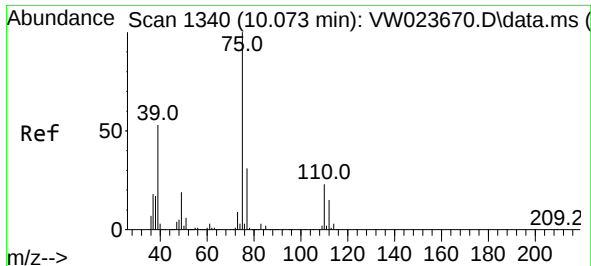
Ion Ratio Lower Upper

83 100

85 59.1 45.5 84.5

127 7.4 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 24.406 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

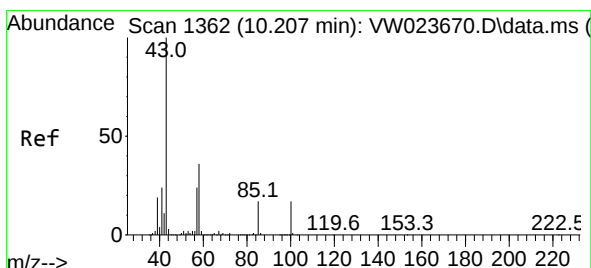
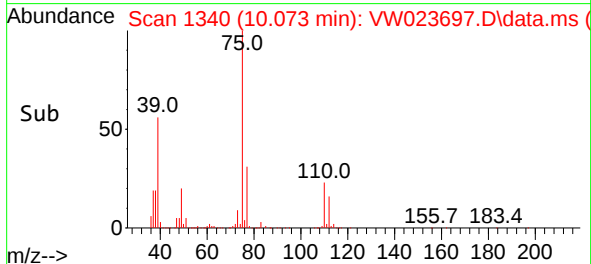
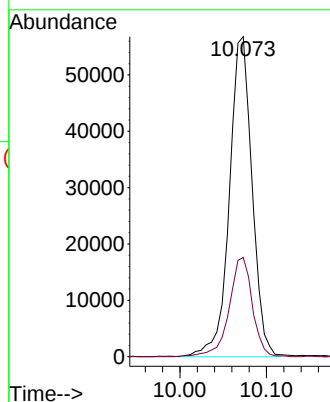
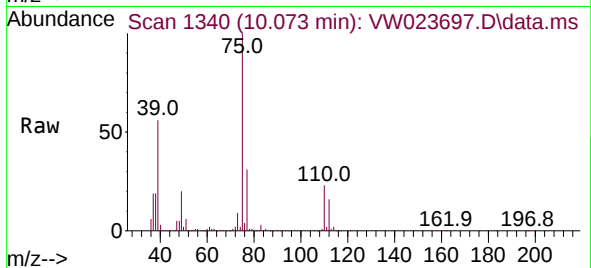
VSTD025484

Tgt Ion: 75 Resp: 103279

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.950 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

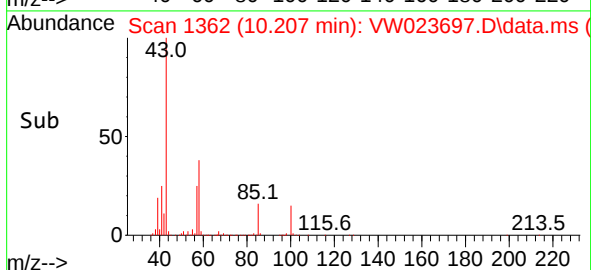
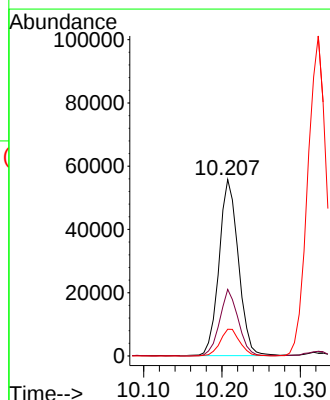
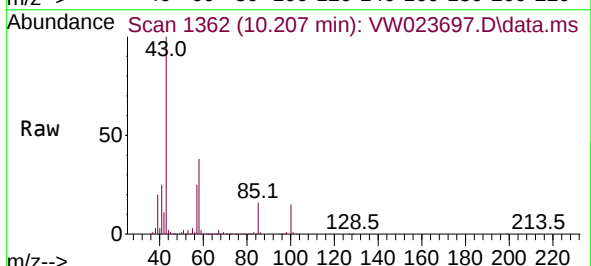
Tgt Ion: 43 Resp: 95635

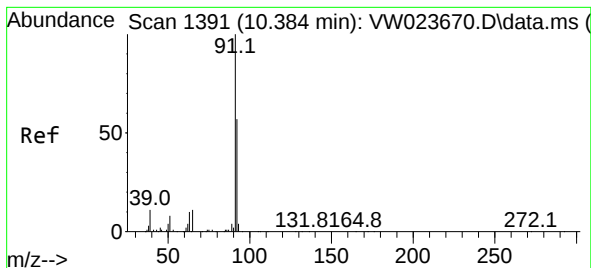
Ion Ratio Lower Upper

43 100

58 36.3 29.8 44.8

100 15.6 13.0 19.4





#42

Toluene

Concen: 24.691 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

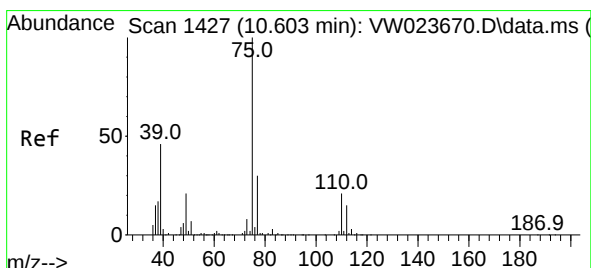
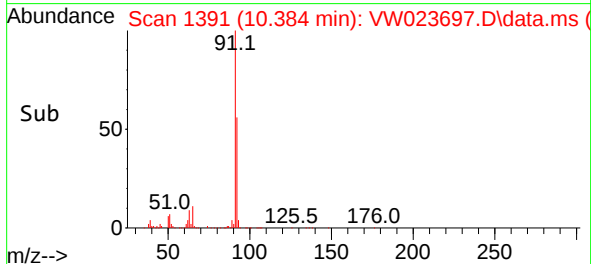
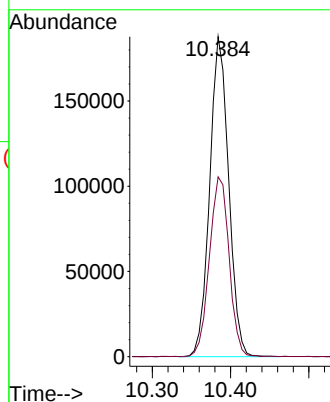
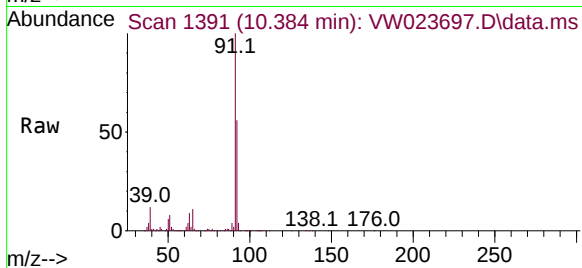
VSTD025484

Tgt Ion: 91 Resp: 315353

Ion Ratio Lower Upper

91 100

92 56.2 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 25.294 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023697.D

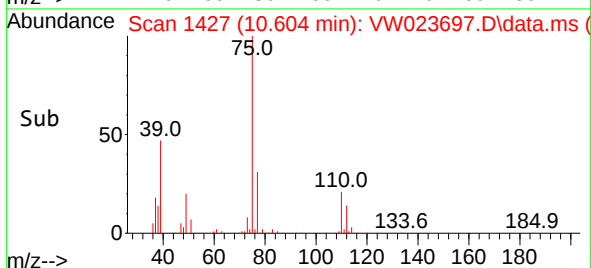
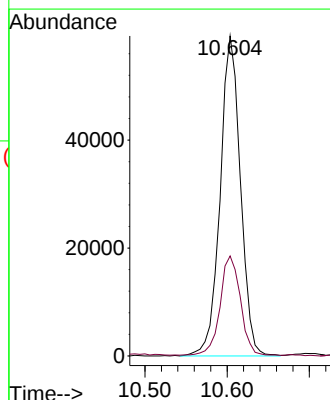
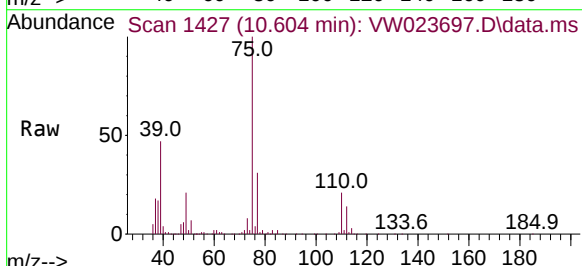
Acq: 14 Jul 2022 13:31

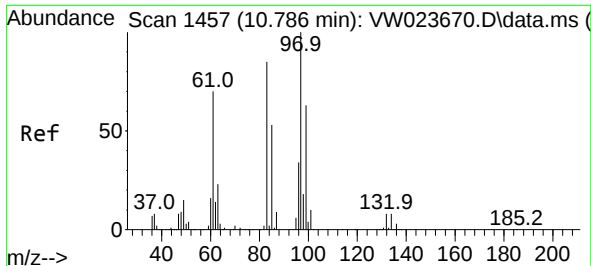
Tgt Ion: 75 Resp: 101738

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0

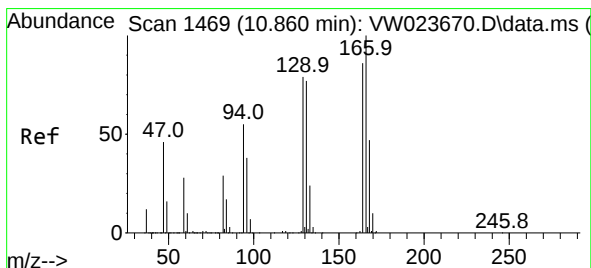
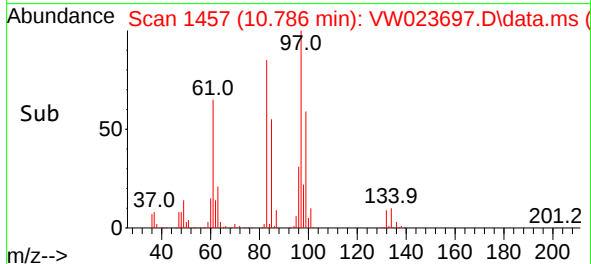
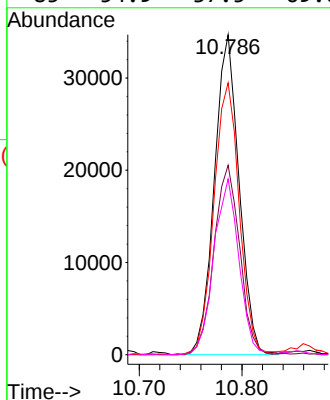
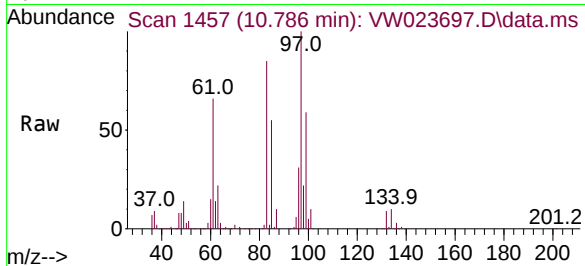




#45
1,1,2-Trichloroethane
Concen: 23.587 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

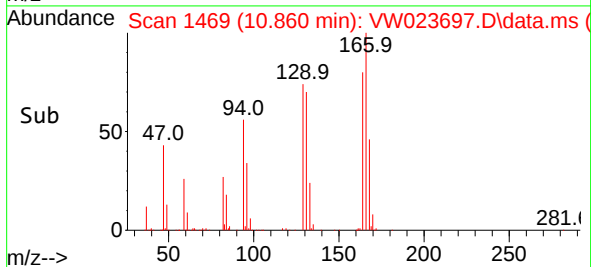
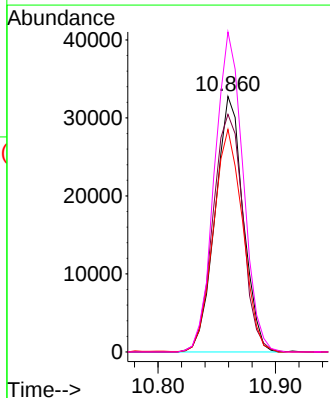
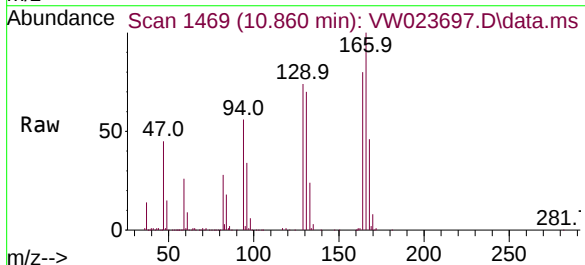
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

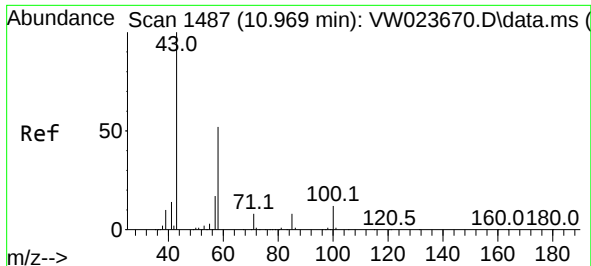
Tgt Ion:	97	Resp:	57905
Ion	Ratio	Lower	Upper
97	100		
99	59.2	44.2	82.2
83	85.0	59.8	111.0
85	54.9	37.5	69.6



#46
Tetrachloroethene
Concen: 23.784 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion:	164	Resp:	54385
Ion	Ratio	Lower	Upper
164	100		
129	93.0	72.4	134.5
131	87.1	67.8	125.8
166	125.2	88.9	165.1

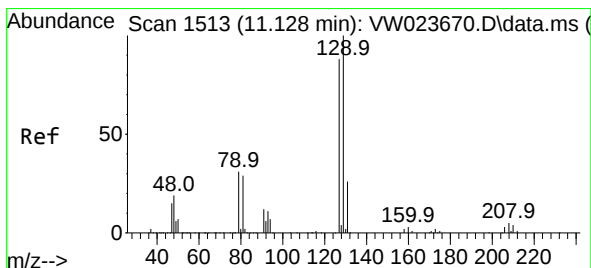
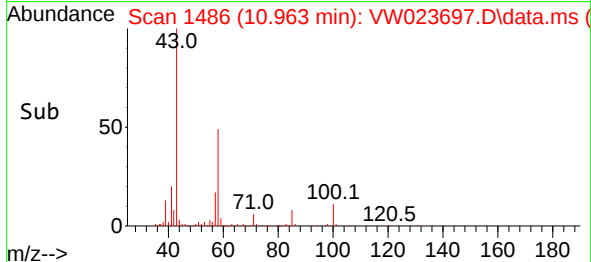
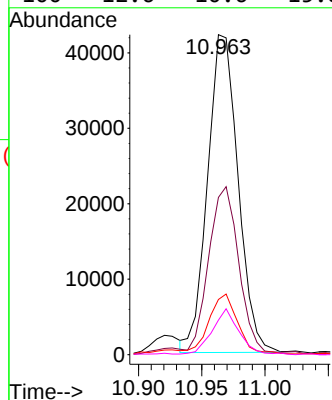
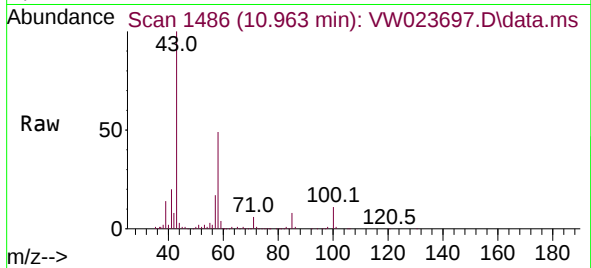




#48
2-Hexanone
Concen: 49.781 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

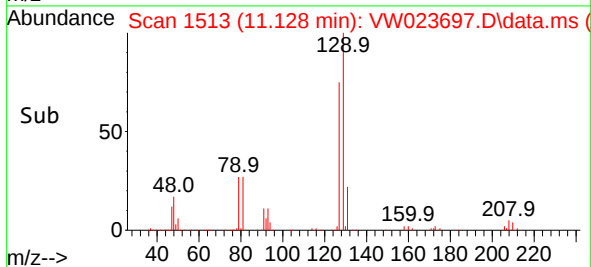
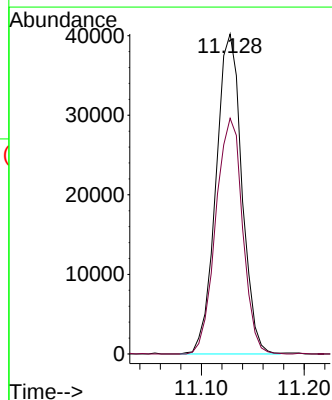
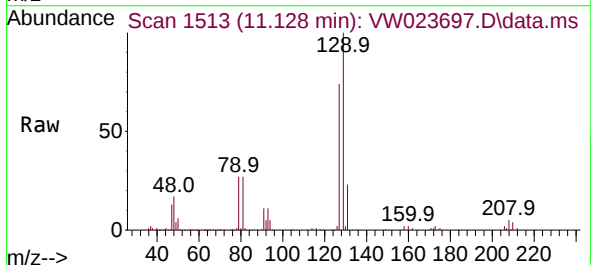
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

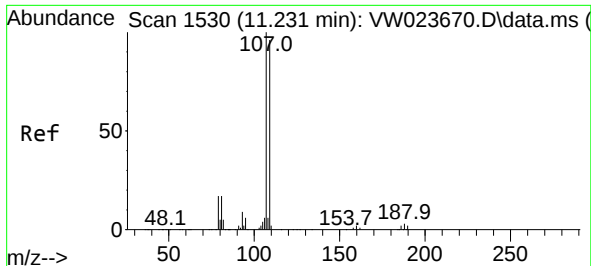
Tgt Ion: 43	Resp: 70811
Ion Ratio	Lower Upper
43 100	
58 52.4	41.6 62.4
57 17.6	14.6 21.8
100 12.6	10.6 15.8



#49
Dibromochloromethane
Concen: 24.662 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion:129	Resp: 70212		
Ion Ratio	Lower	Upper	
129 100			
127 73.7	53.7	99.7	





#50

1,2-Dibromoethane

Concen: 23.659 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

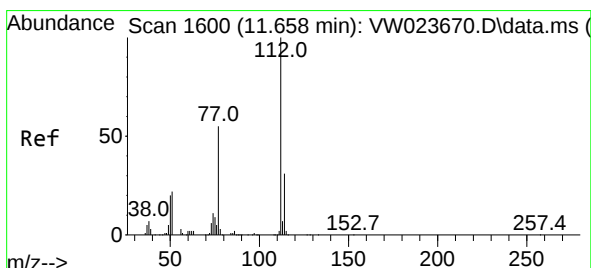
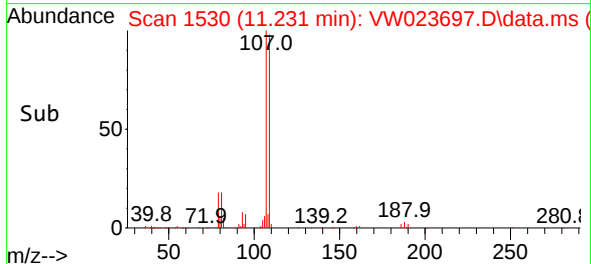
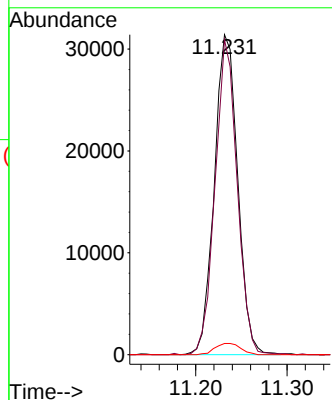
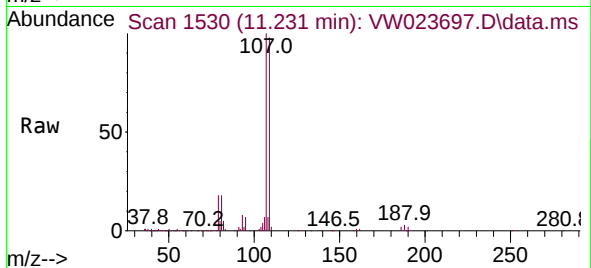
Tgt Ion:107 Resp: 55800

Ion Ratio Lower Upper

107 100

109 98.4 62.4 116.0

188 3.5 2.3 3.5#



#51

Chlorobenzene

Concen: 24.076 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

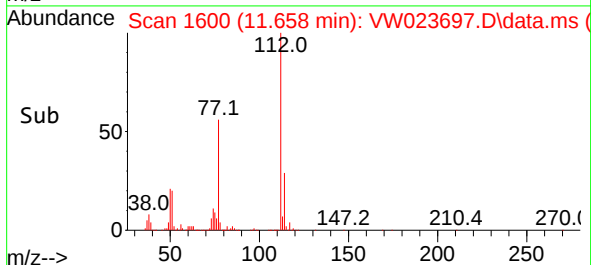
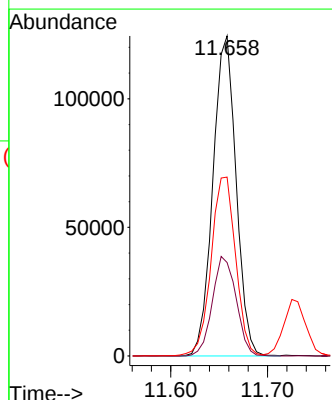
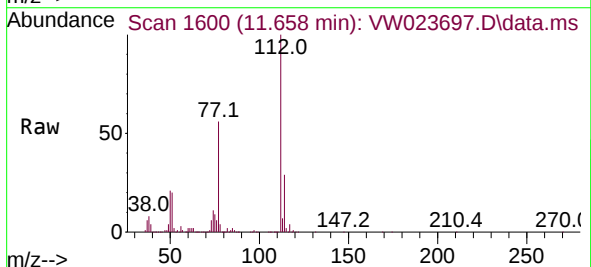
Tgt Ion:112 Resp: 207382

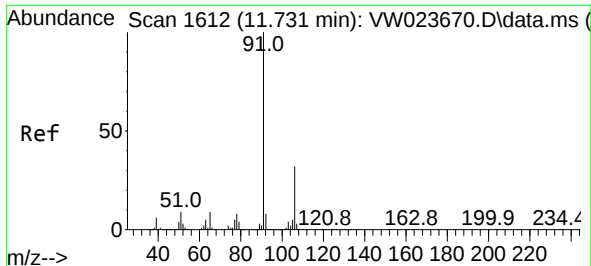
Ion Ratio Lower Upper

112 100

114 29.2 21.1 39.3

77 55.9 46.6 69.8

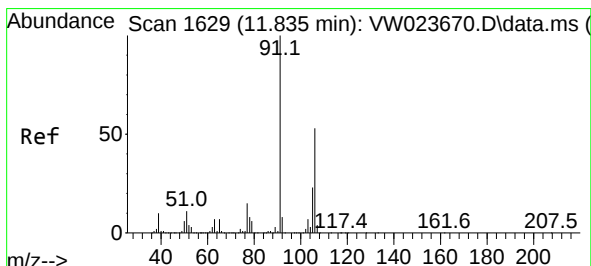
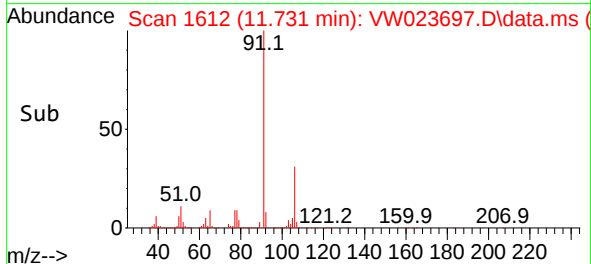
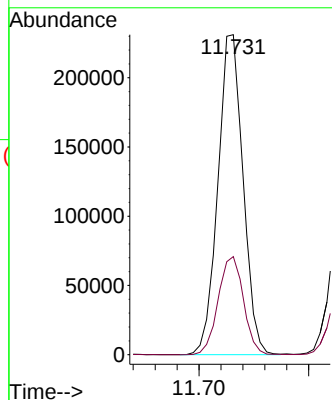
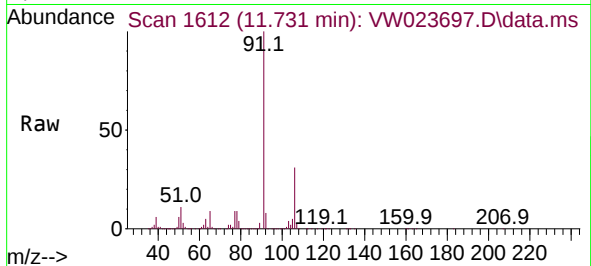




#52
Ethylbenzene
Concen: 25.391 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

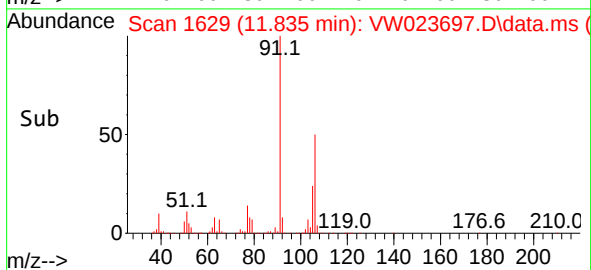
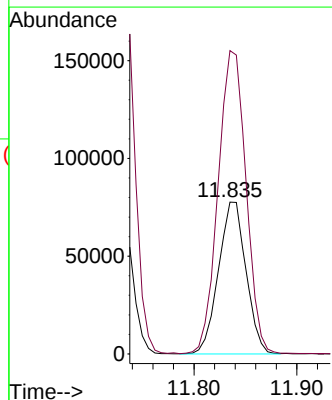
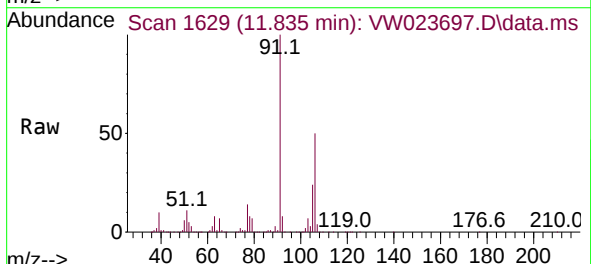
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

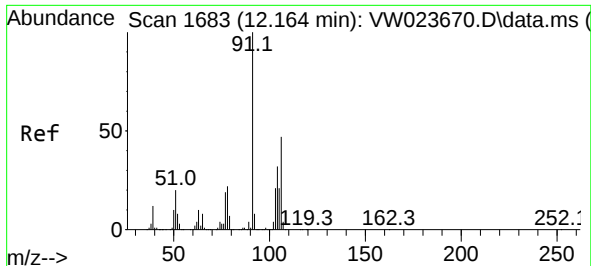
Tgt Ion: 91 Resp: 368508
Ion Ratio Lower Upper
91 100
106 30.7 22.5 41.9



#53
m,p-Xylene
Concen: 25.532 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion: 106 Resp: 144579
Ion Ratio Lower Upper
106 100
91 199.7 142.8 265.2

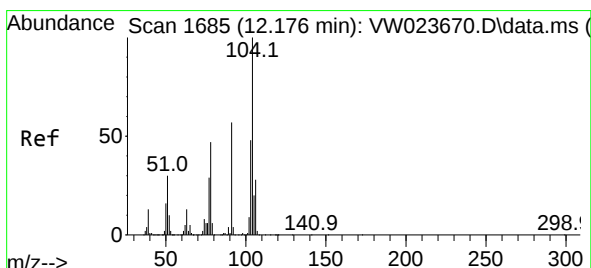
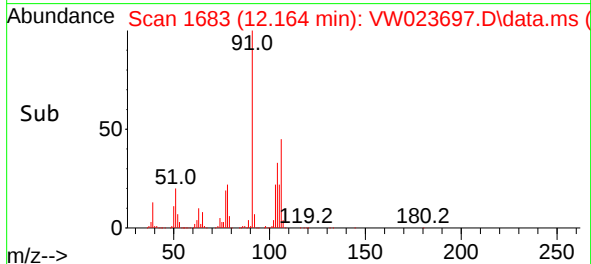
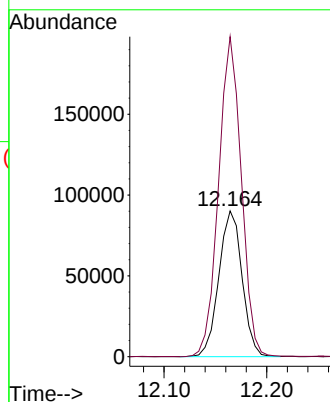
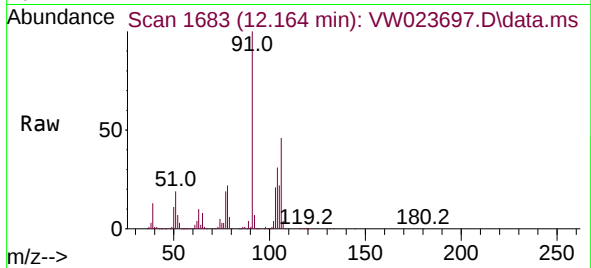




#54
o-Xylene
Concen: 26.029 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

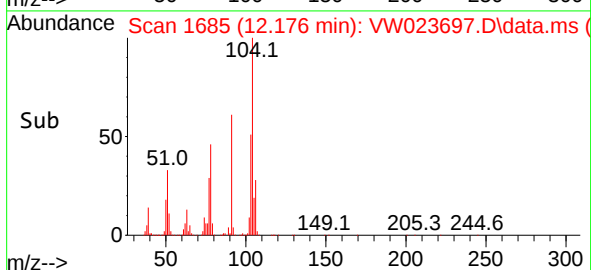
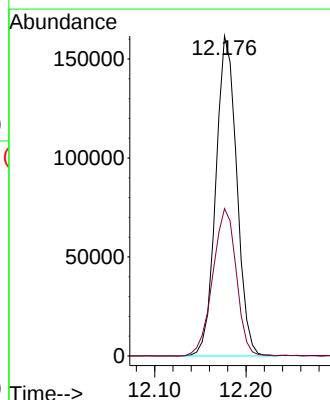
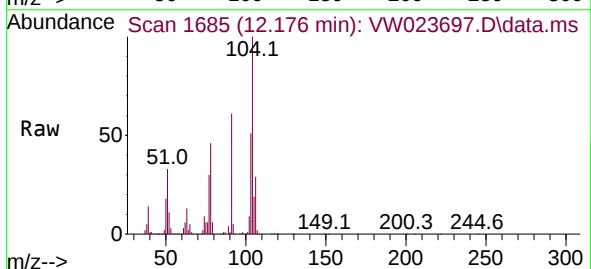
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

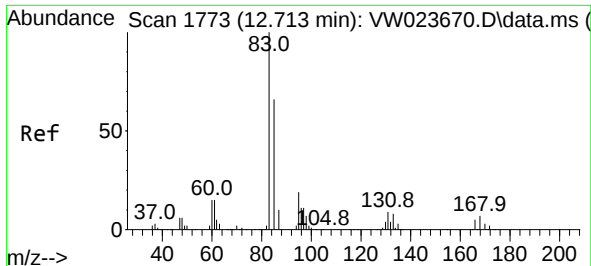
Tgt Ion:106 Resp: 141546
Ion Ratio Lower Upper
106 100
91 219.4 149.6 277.8



#55
Styrene
Concen: 26.765 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion:104 Resp: 257136
Ion Ratio Lower Upper
104 100
78 46.1 34.3 63.7





#57

1,1,2-Tetrachloroethane

Concen: 24.744 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

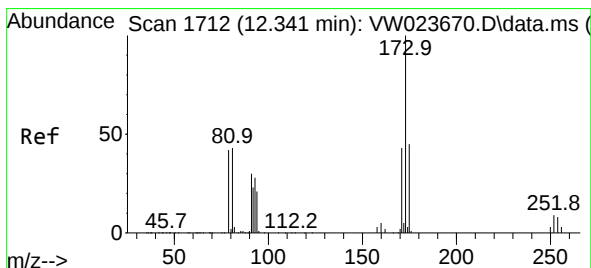
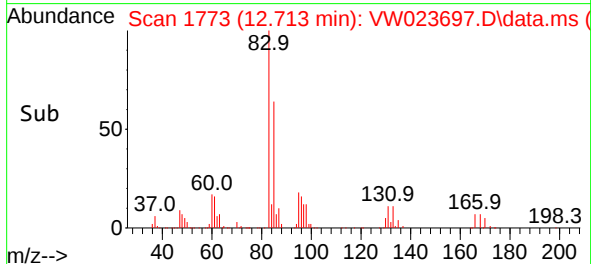
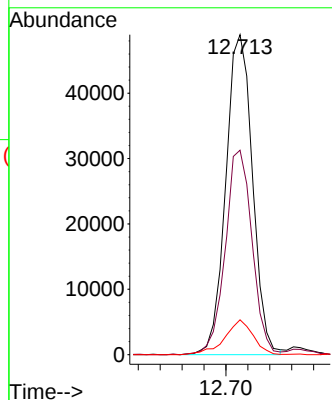
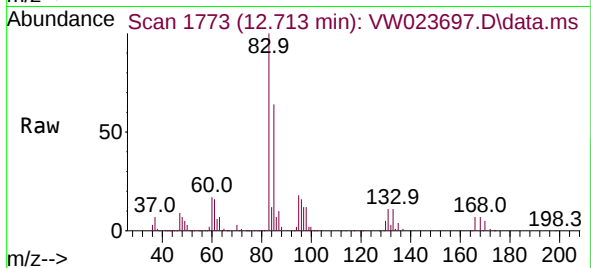
Tgt Ion: 83 Resp: 82857

Ion Ratio Lower Upper

83 100

85 63.9 46.5 86.3

131 10.9 7.4 11.0



#59

Bromoform

Concen: 22.414 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.006 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

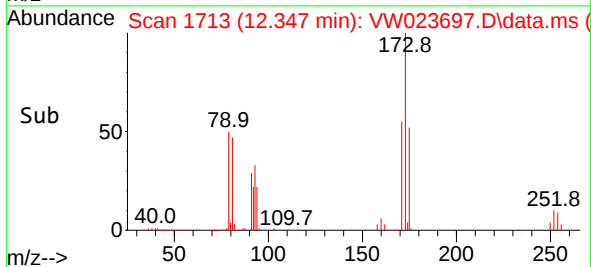
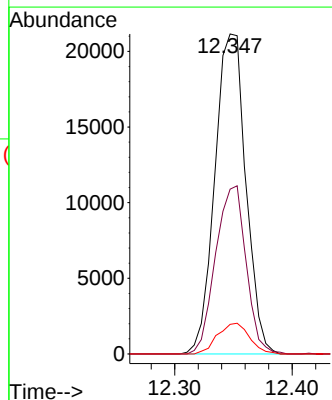
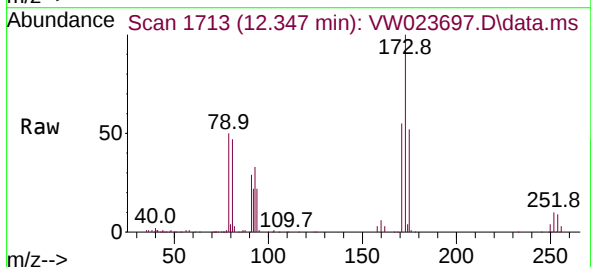
Tgt Ion:173 Resp: 38820

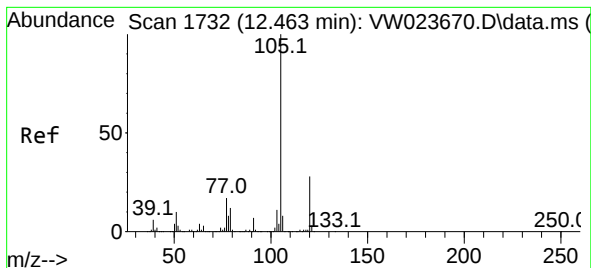
Ion Ratio Lower Upper

173 100

175 51.5 38.9 58.3

254 9.9 5.9 8.9#

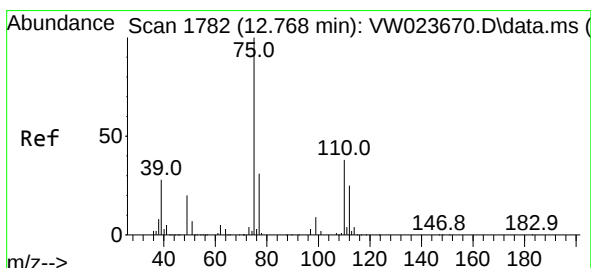
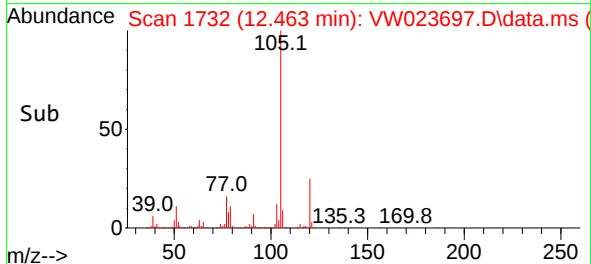
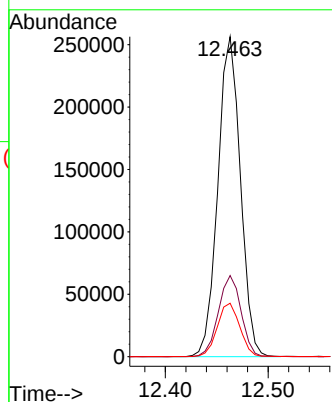
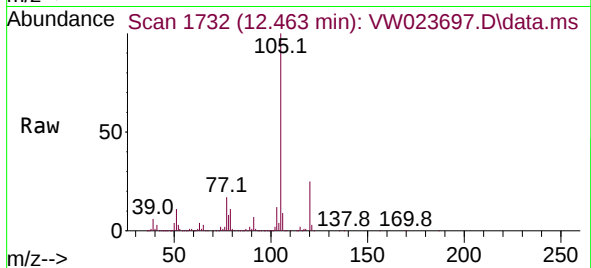




#60
Isopropylbenzene
Concen: 24.738 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

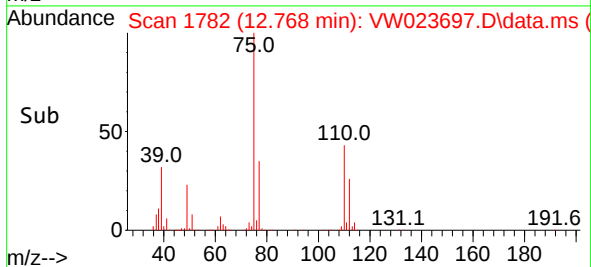
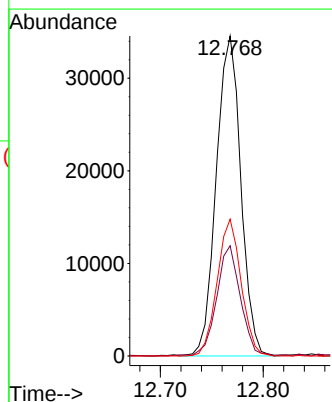
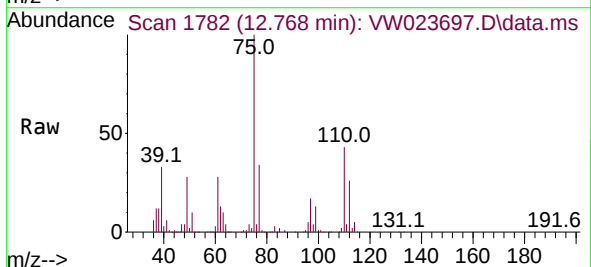
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

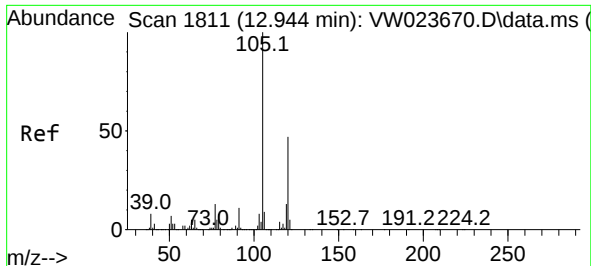
Tgt Ion:105 Resp: 390319
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 16.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 22.265 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion: 75 Resp: 57343
Ion Ratio Lower Upper
75 100
77 33.1 25.0 37.4
110 41.5 31.9 47.9

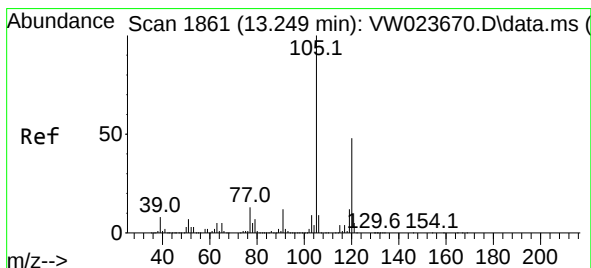
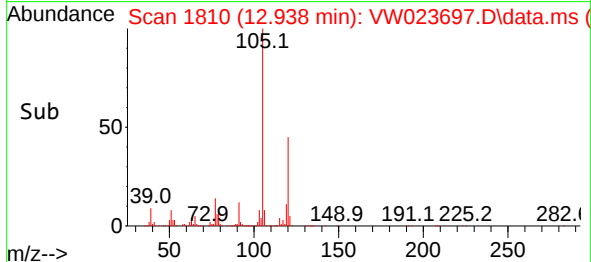
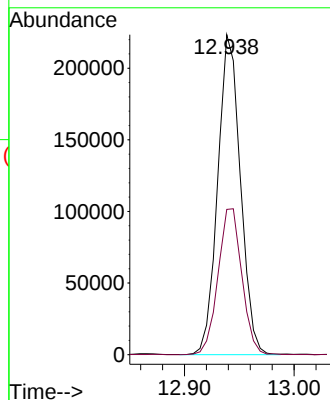
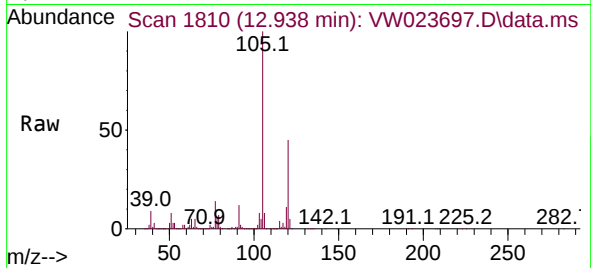




#62
1,3,5-Trimethylbenzene
Concen: 24.929 ug/L
RT: 12.938 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

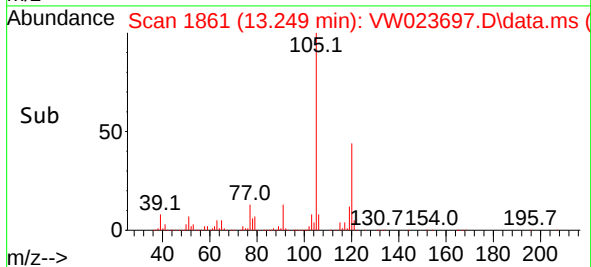
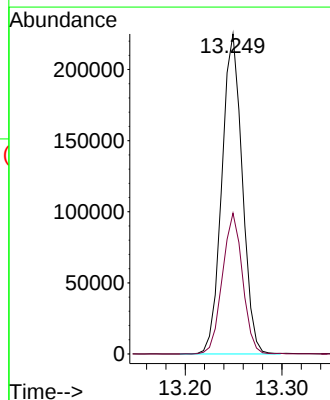
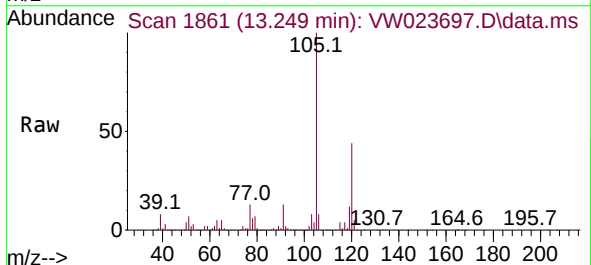
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

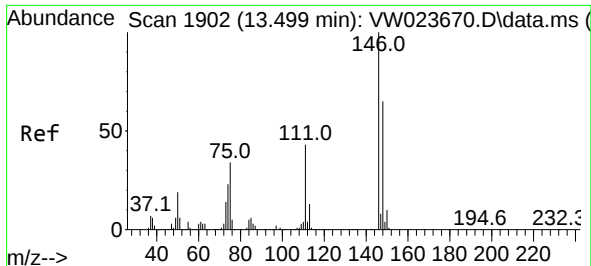
Tgt Ion:105 Resp: 322027
Ion Ratio Lower Upper
105 100
120 47.9 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 25.474 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion:105 Resp: 328991
Ion Ratio Lower Upper
105 100
120 43.4 35.5 53.3

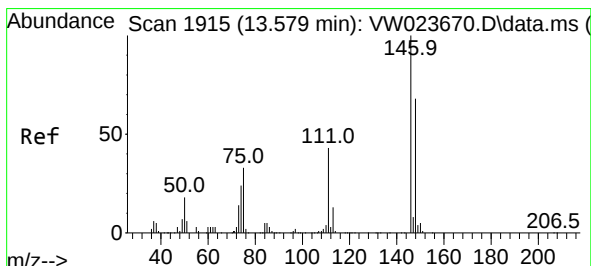
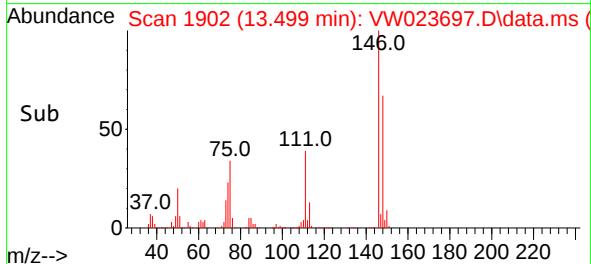
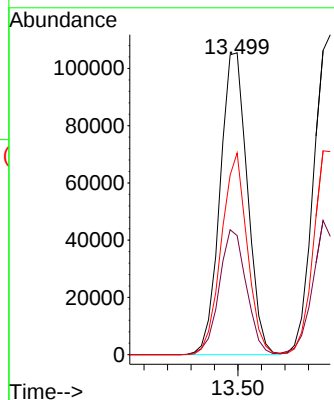
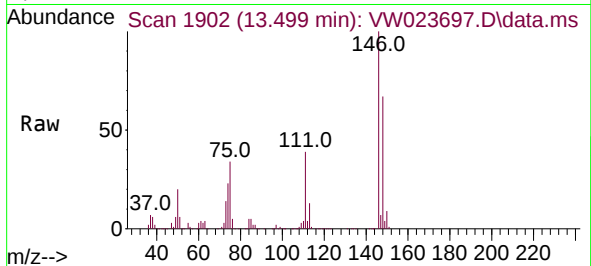




#64
1,3-Dichlorobenzene
Concen: 23.849 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

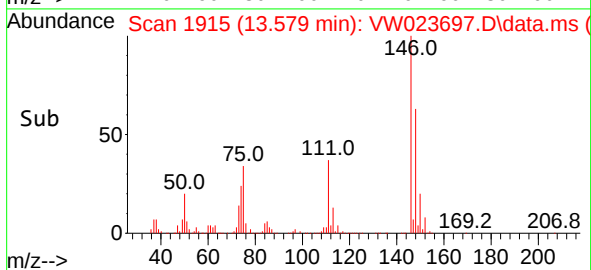
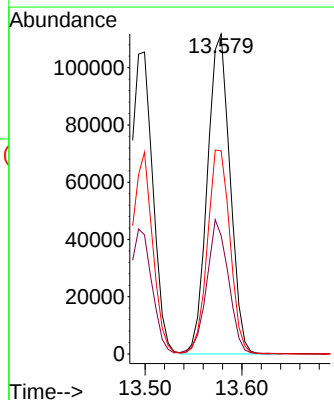
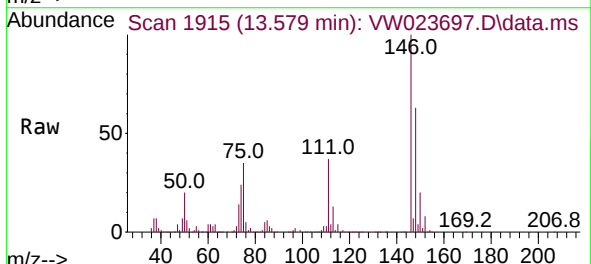
Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

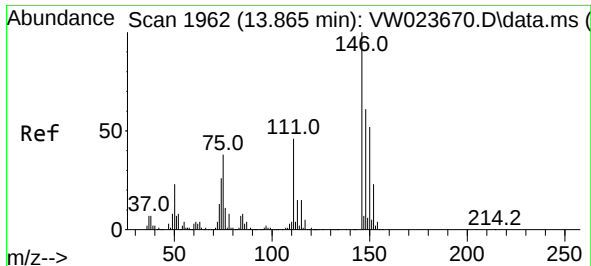
Tgt Ion:146 Resp: 170846
Ion Ratio Lower Upper
146 100
111 39.4 28.6 53.2
148 66.8 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 23.908 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023697.D
Acq: 14 Jul 2022 13:31

Tgt Ion:146 Resp: 182215
Ion Ratio Lower Upper
146 100
111 37.0 29.4 54.6
148 63.5 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 25.023 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

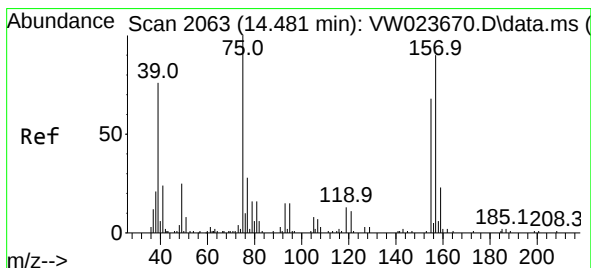
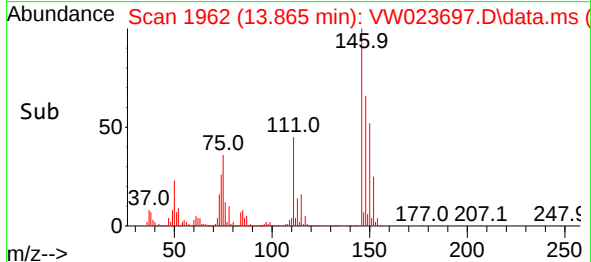
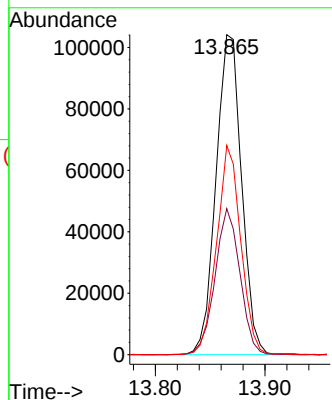
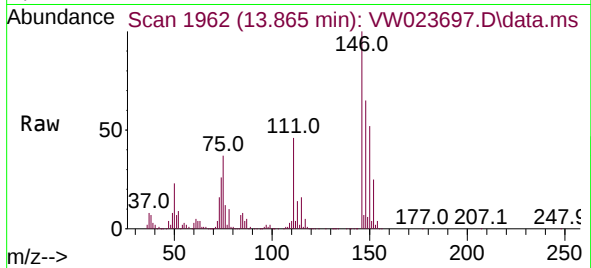
Tgt Ion:146 Resp: 169057

Ion Ratio Lower Upper

146 100

111 45.7 35.9 53.9

148 65.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.502 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

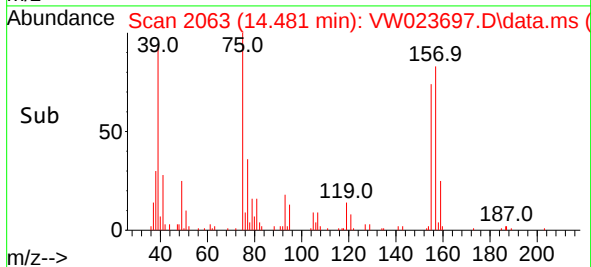
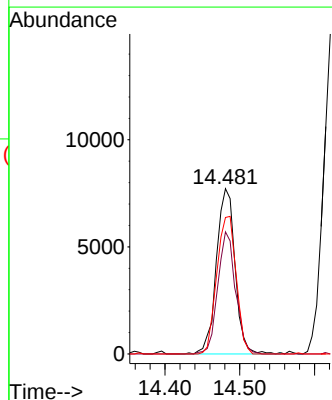
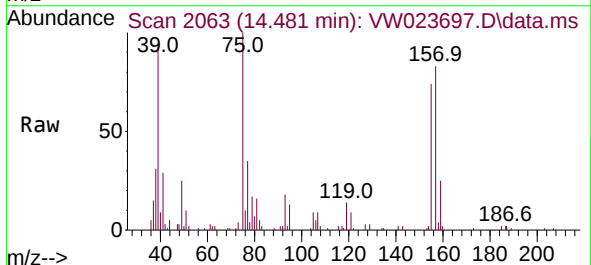
Tgt Ion: 75 Resp: 13367

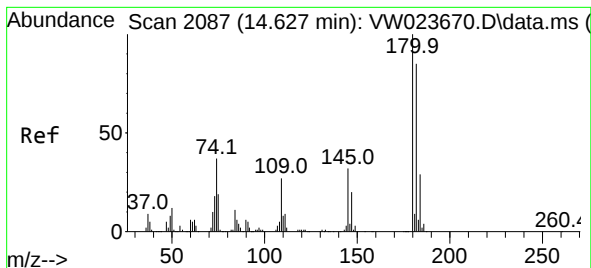
Ion Ratio Lower Upper

75 100

155 73.8 51.7 77.5

157 82.6 63.5 95.3





#69

1,3,5-Trichlorobenzene

Concen: 23.330 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

Tgt Ion:180 Resp: 110622

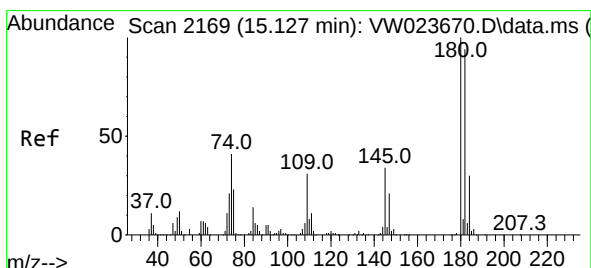
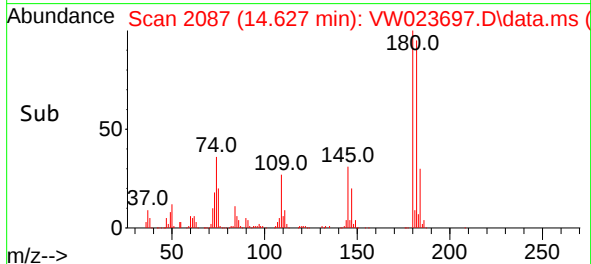
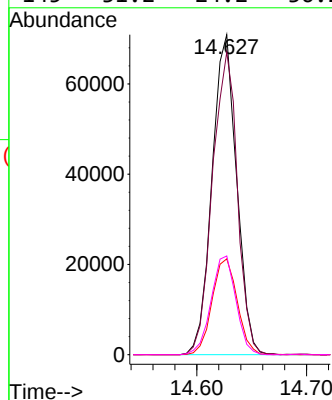
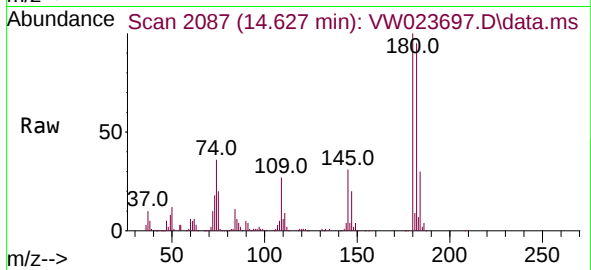
Ion Ratio Lower Upper

180 100

182 95.7 70.2 105.2

184 30.7 22.6 34.0

145 31.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 24.132 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

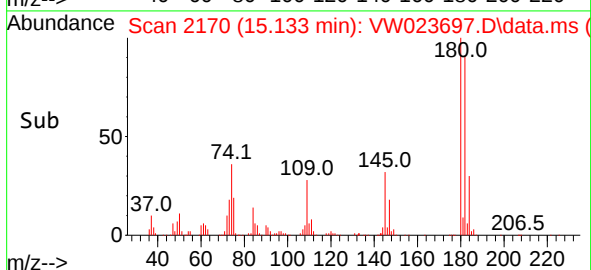
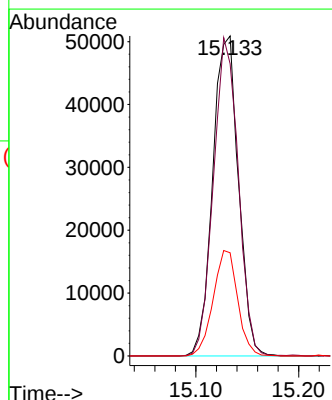
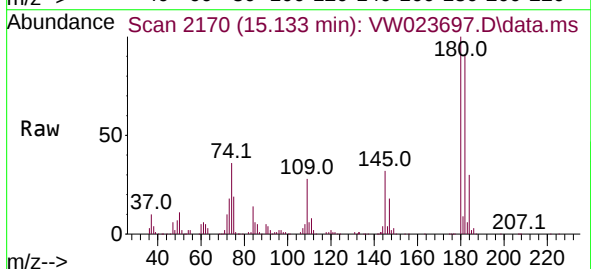
Tgt Ion:180 Resp: 88356

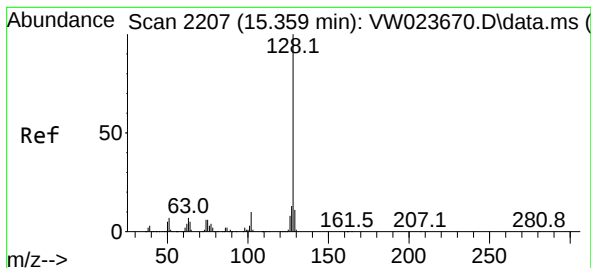
Ion Ratio Lower Upper

180 100

182 96.0 77.5 116.3

145 31.4 26.3 39.5





#71

Naphthalene

Concen: 23.707 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025484

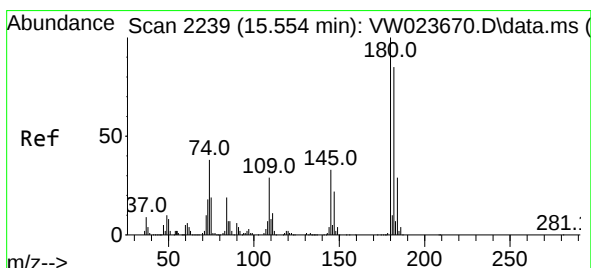
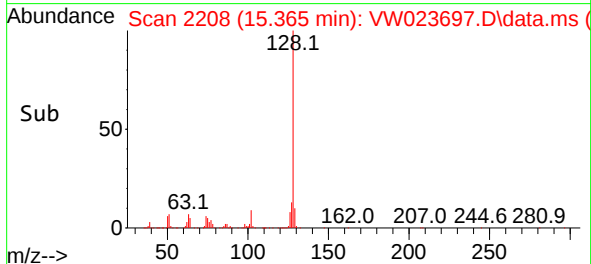
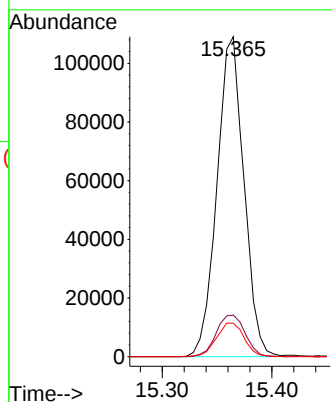
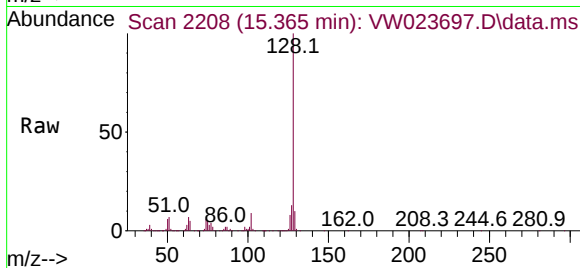
Tgt Ion:128 Resp: 186193

Ion Ratio Lower Upper

128 100

127 14.0 11.0 16.4

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.826 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW023697.D

Acq: 14 Jul 2022 13:31

Tgt Ion:180 Resp: 84723

Ion Ratio Lower Upper

180 100

182 87.7 76.3 114.5

145 31.9 27.8 41.6

