

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
 Data File : VW021767.D
 Acq On : 06 Jan 2022 19:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Quant Time: Jan 07 00:24:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 04 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	151388	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	152867	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88123	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	64651	21.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
7) Chloroethane-d5	2.891	69	45931	22.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	4.019	63	101967	23.344	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.360%
21) 2-Butanone-d5	7.086	46	23934	54.807	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.620%
24) Chloroform-d	7.653	84	120792	25.543	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	8.305	65	58190	23.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	8.274	84	238839	26.313	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.240%
36) 1,2-Dichloropropane-d6	9.274	67	65213	26.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.920%
41) Toluene-d8	10.323	98	238272	26.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	10.579	79	26973	22.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.926	63	21629	57.919	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.840%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	52474	25.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	95954	28.474	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	17453	19.442	ug/L	96
3) Chloromethane	2.215	50	46126	19.894	ug/L	96
5) Vinyl chloride	2.361	62	65964	19.290	ug/L	98
6) Bromomethane	2.782	94	47829	21.496	ug/L	95
8) Chloroethane	2.922	64	32227	19.777	ug/L	98
9) Trichlorofluoromethane	3.263	101	41811	20.322	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	54816	21.876	ug/L	88
12) 1,1-Dichloroethene	4.043	96	49227	21.965	ug/L	83
13) Acetone	4.135	43	15751	42.480	ug/L	87
14) Carbon disulfide	4.385	76	129575	19.979	ug/L	99
15) Methyl Acetate	4.684	43	15769	22.290	ug/L	# 84
16) Methylene chloride	4.921	84	52222	19.323	ug/L	81
17) trans-1,2-Dichloroethene	5.434	96	54102	22.851	ug/L	80
18) Methyl tert-butyl Ether	5.434	73	75420	22.878	ug/L	# 80
19) 1,1-Dichloroethane	6.220	63	83160	22.514	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	58195	23.679	ug/L	68
22) 2-Butanone	7.177	43	21291	42.238	ug/L	86
23) Bromochloromethane	7.519	128	28181	23.722	ug/L	# 58
25) Chloroform	7.677	83	94703	22.226	ug/L	97

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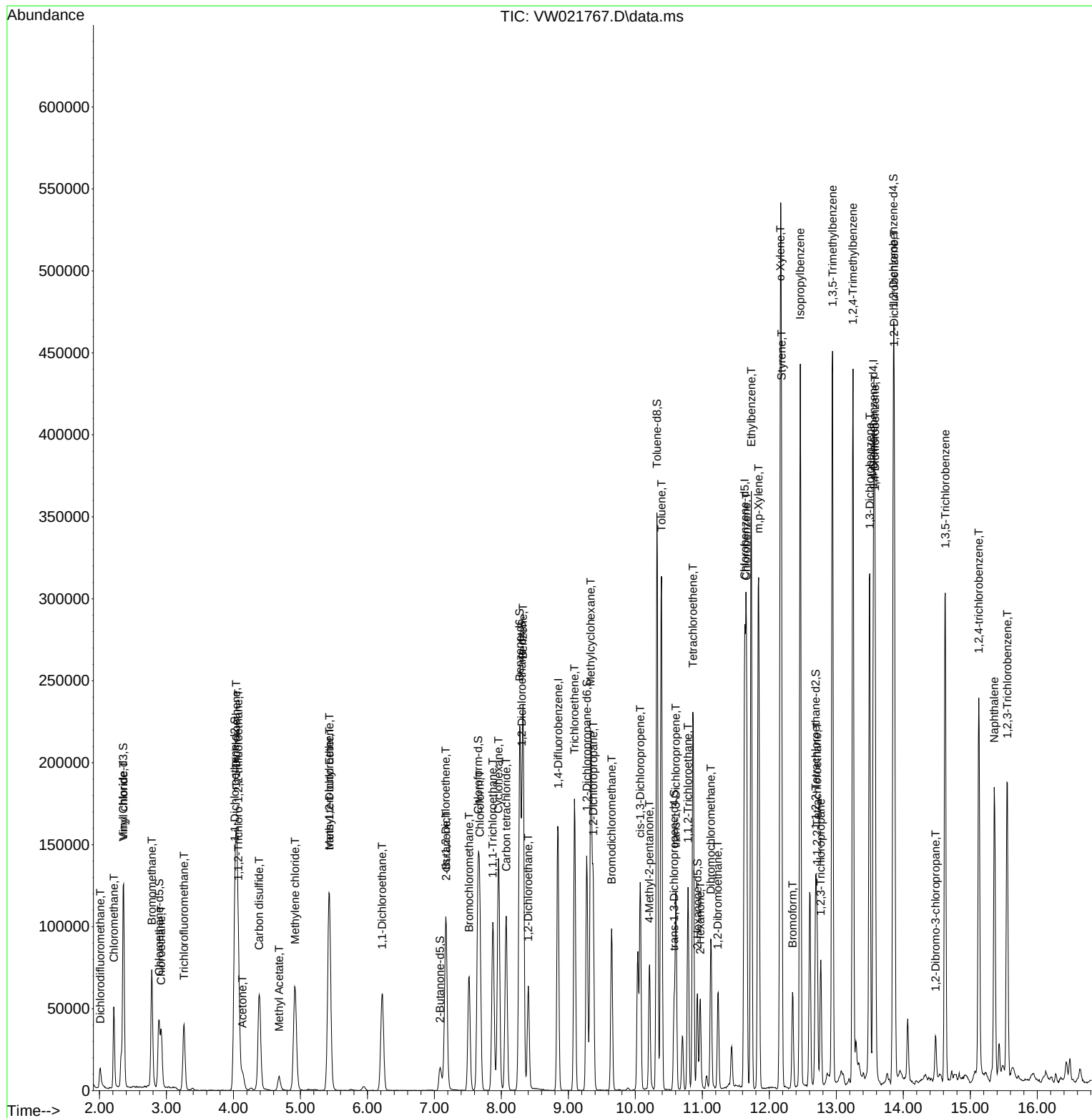
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	55306	20.012	ug/L #	90
29) Cyclohexane	7.957	56	77003	21.782	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	85419	21.178	ug/L #	92
31) Carbon tetrachloride	8.073	117	81910	20.884	ug/L	98
33) Benzene	8.323	78	205458	22.028	ug/L	100
34) Trichloroethene	9.091	95	59184	22.352	ug/L	88
35) Methylcyclohexane	9.335	83	97629	22.348	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	45012	21.775	ug/L #	95
38) Bromodichloromethane	9.646	83	63395	20.093	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	74083	21.935	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	46377	40.728	ug/L #	86
42) Toluene	10.390	91	238846	22.183	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	62923	20.736	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	38593	22.478	ug/L	95
46) Tetrachloroethene	10.859	164	55099	22.221	ug/L	98
48) 2-Hexanone	10.969	43	32563	42.109	ug/L #	87
49) Dibromochloromethane	11.128	129	48563	21.052	ug/L	100
50) 1,2-Dibromoethane	11.231	107	39458	22.883	ug/L #	100
51) Chlorobenzene	11.658	112	161841	23.296	ug/L	91
52) Ethylbenzene	11.731	91	263556	21.807	ug/L	93
53) m,p-Xylene	11.841	106	110827	22.885	ug/L	83
54) o-Xylene	12.164	106	105772	23.044	ug/L	83
55) Styrene	12.182	104	174682	22.160	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	41210	21.698	ug/L #	95
59) Bromoform	12.347	173	28692	22.309	ug/L	95
60) Isopropylbenzene	12.463	105	289148	23.538	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	29977	22.230	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.944	105	246701	23.754	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	244685	23.719	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	140566	24.236	ug/L	89
65) 1,4-Dichlorobenzene	13.578	146	136487	23.600	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	121527	23.999	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	5874	19.783	ug/L #	55
69) 1,3,5-Trichlorobenzene	14.627	180	101436	23.808	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	82293	24.197	ug/L	94
71) Naphthalene	15.359	128	162698	29.403	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	61676	21.544	ug/L	94

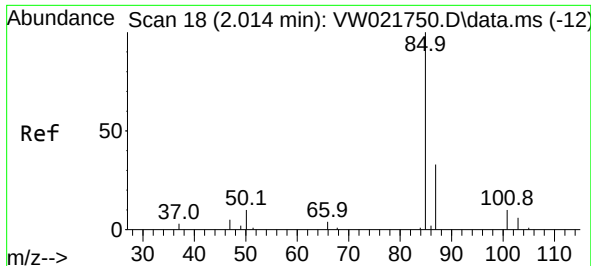
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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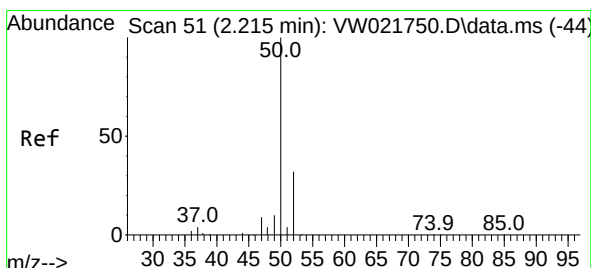
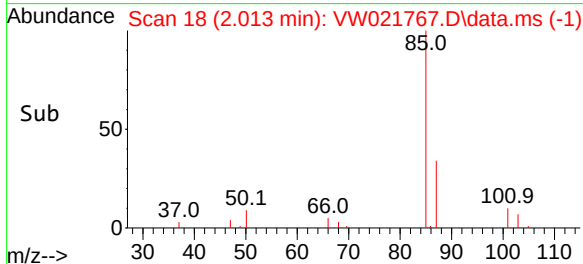
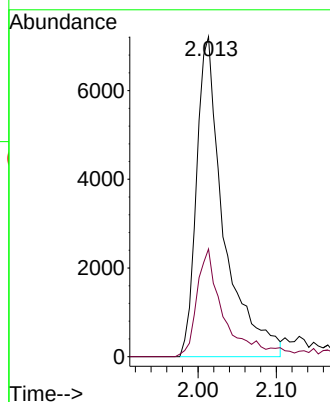
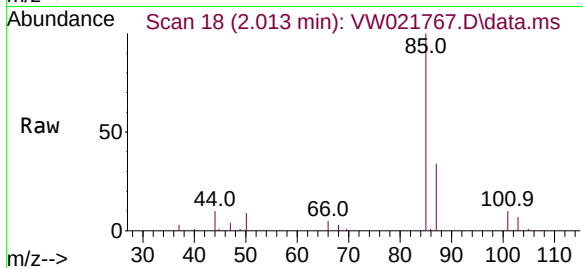




#2
Dichlorodifluoromethane
Concen: 19.442 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

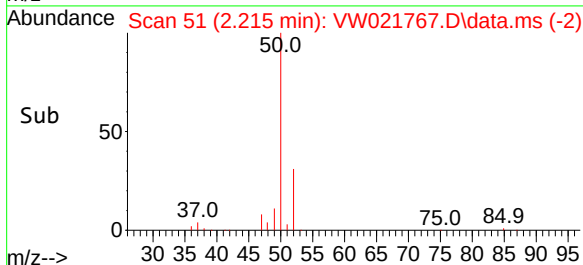
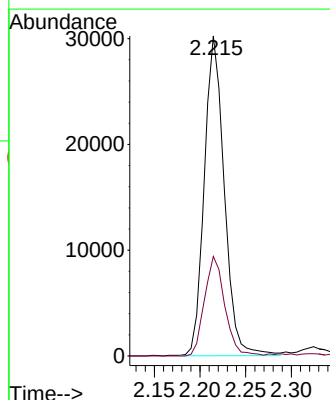
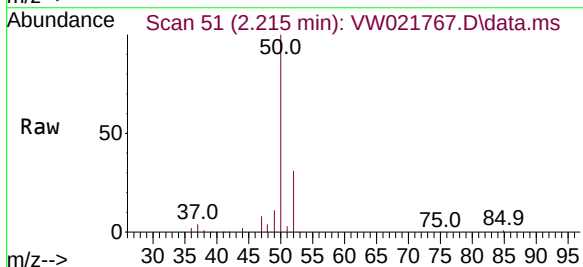
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

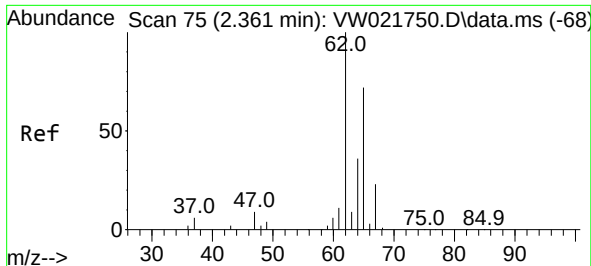
Tgt Ion: 85 Resp: 17453
Ion Ratio Lower Upper
85 100
87 30.2 25.8 38.6



#3
Chloromethane
Concen: 19.894 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion: 50 Resp: 46126
Ion Ratio Lower Upper
50 100
52 31.1 23.4 43.6

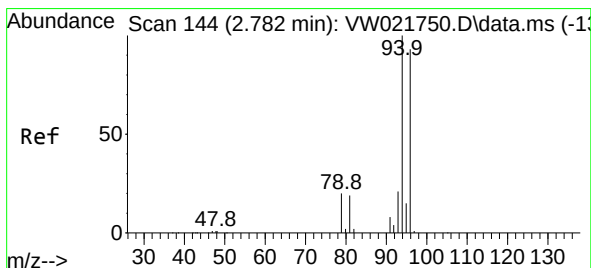
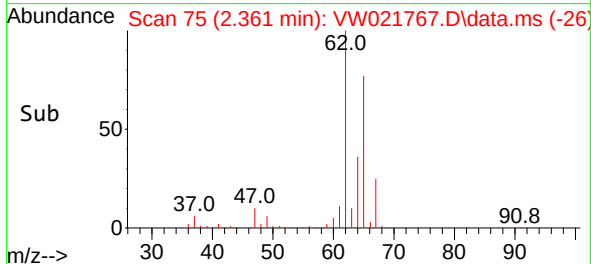
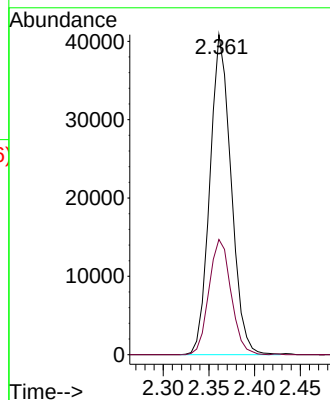
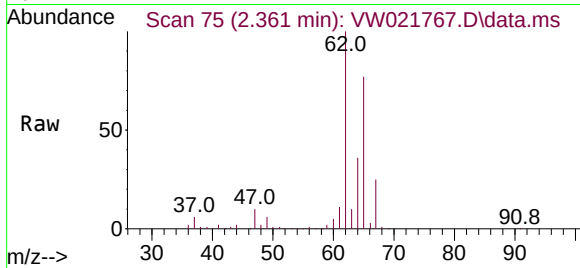




#5
 Vinyl chloride
 Concen: 19.290 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021767.D
 Acq: 06 Jan 2022 19:08

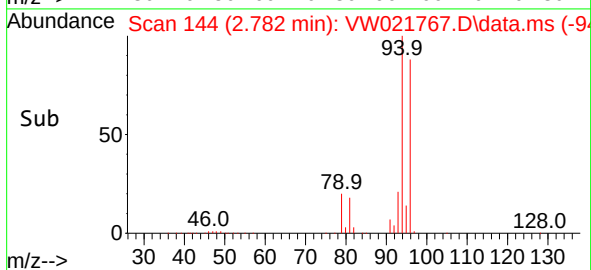
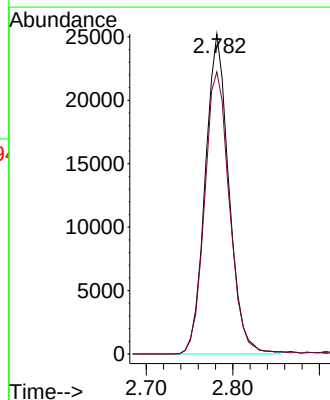
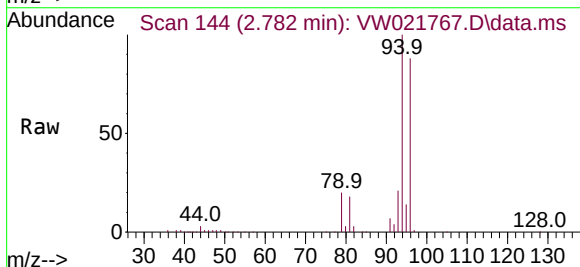
Instrument :
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 ClientSampleId :
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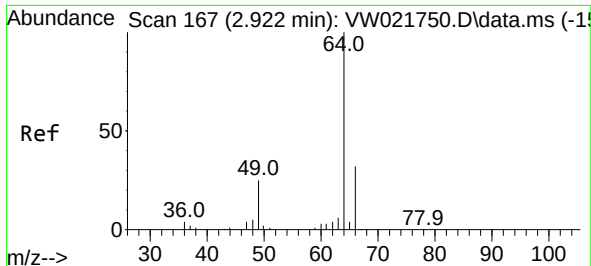
Tgt Ion: 62 Resp: 65964
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.4 45.2



#6
 Bromomethane
 Concen: 21.496 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021767.D
 Acq: 06 Jan 2022 19:08

Tgt Ion: 94 Resp: 47829
 Ion Ratio Lower Upper
 94 100
 96 88.2 64.8 120.4





#8

Chloroethane

Concen: 19.777 ug/L

RT: 2.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

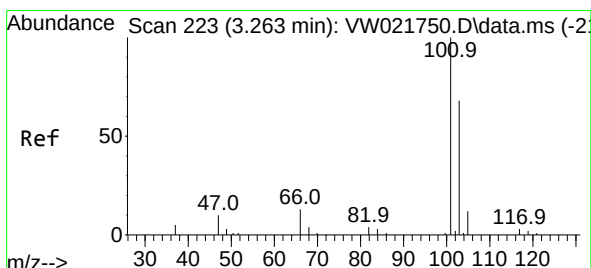
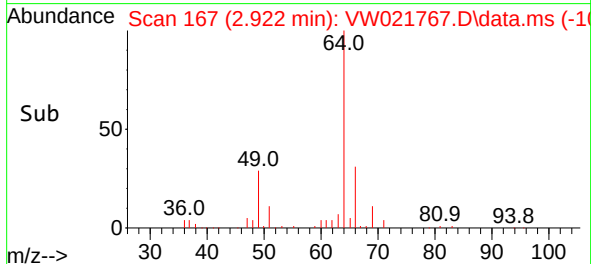
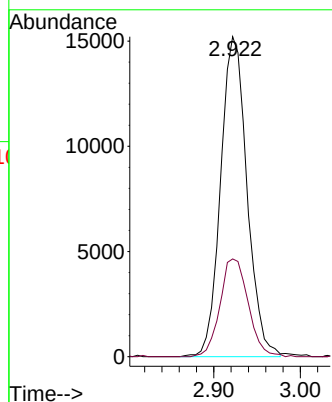
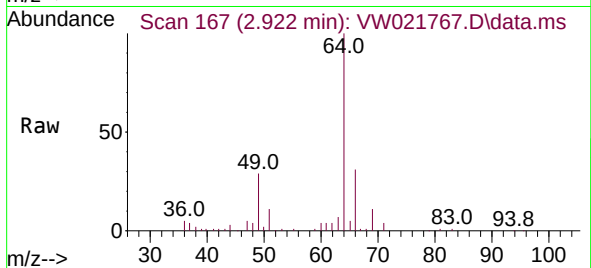
VSTD025523

Tgt Ion: 64 Resp: 32227

Ion Ratio Lower Upper

64 100

66 30.6 22.0 40.8



#9

Trichlorofluoromethane

Concen: 20.322 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.006 min

Lab File: VW021767.D

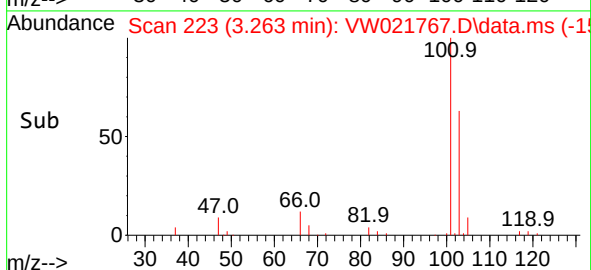
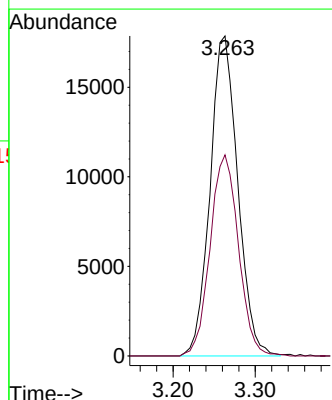
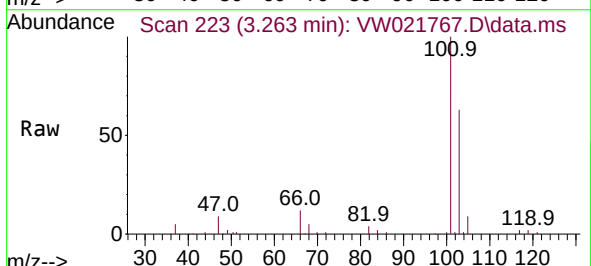
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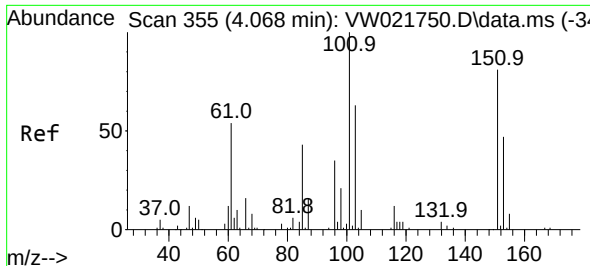
Tgt Ion: 101 Resp: 41811

Ion Ratio Lower Upper

101 100

103 64.4 51.4 77.2

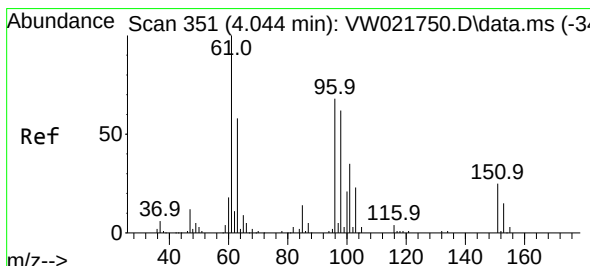
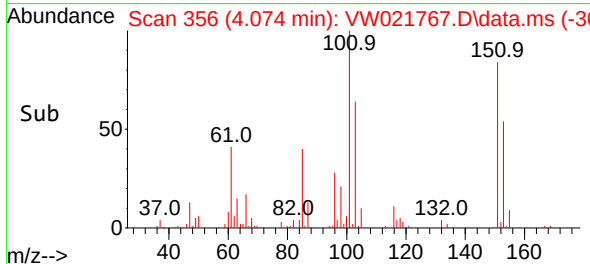
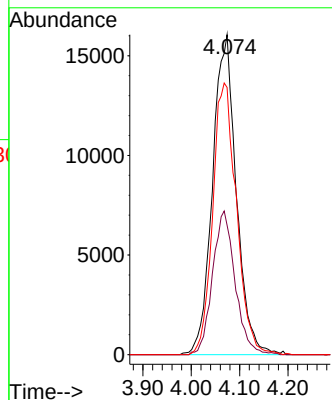
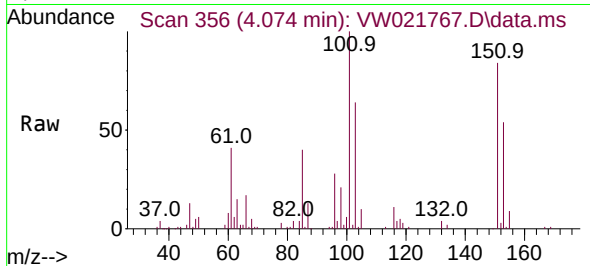




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.876 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.012 min
 Lab File: VW021767.D
 Acq: 06 Jan 2022 19:08

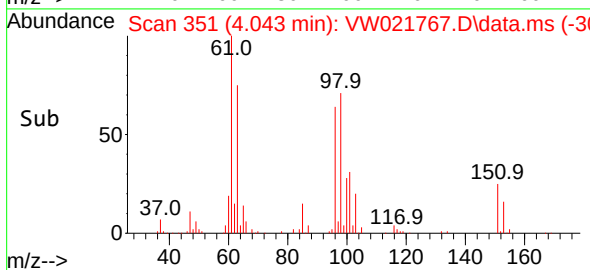
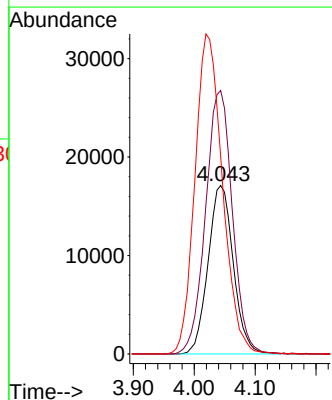
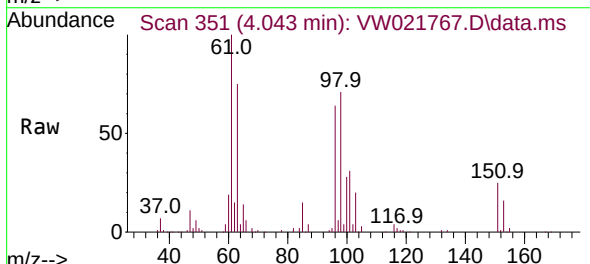
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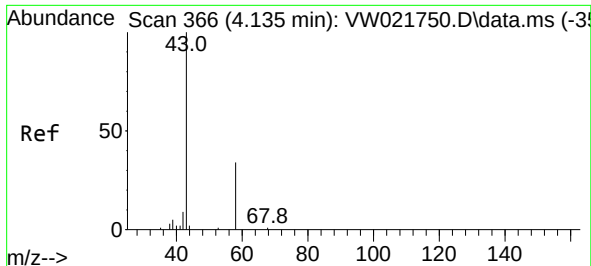
Tgt Ion: 101 Resp: 54816
 Ion Ratio Lower Upper
 101 100
 85 42.5 36.6 54.8
 151 84.9 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 21.965 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021767.D
 Acq: 06 Jan 2022 19:08

Tgt Ion: 96 Resp: 49227
 Ion Ratio Lower Upper
 96 100
 61 156.4 138.3 256.9
 63 117.1 82.6 153.4





#13

Acetone

Concen: 42.480 ug/L

RT: 4.135 min Scan# 366

Delta R.T. 0.006 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

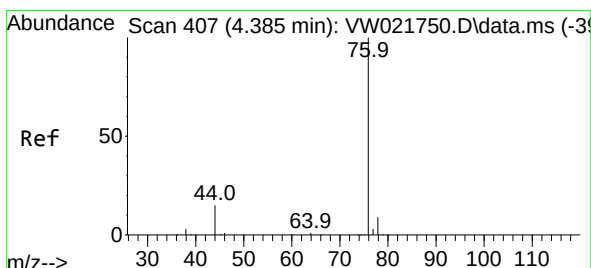
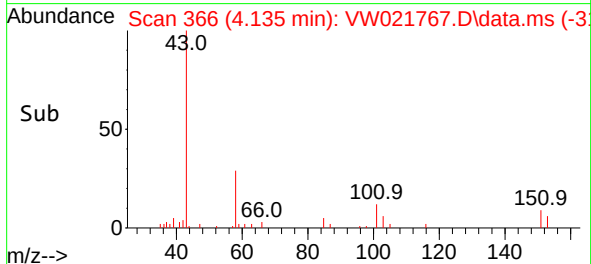
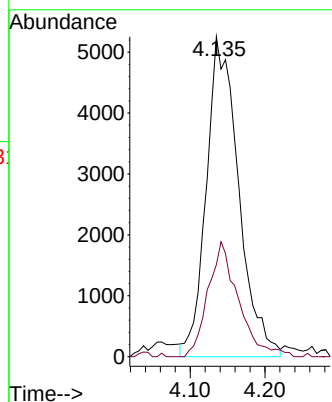
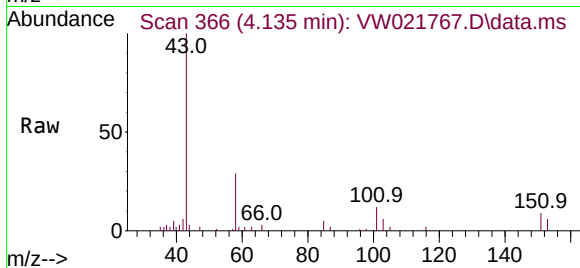
VSTD025523

Tgt Ion: 43 Resp: 15751

Ion Ratio Lower Upper

43 100

58 33.1 0.0 52.8



#14

Carbon disulfide

Concen: 19.979 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021767.D

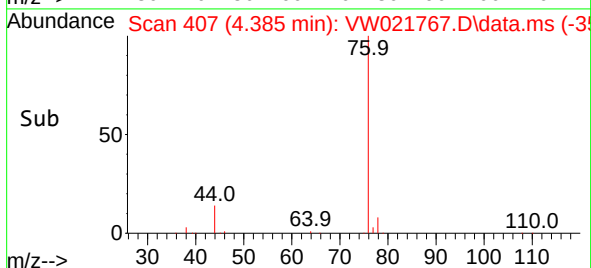
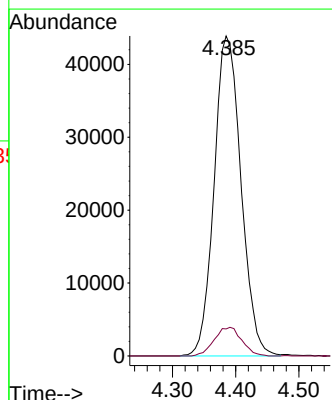
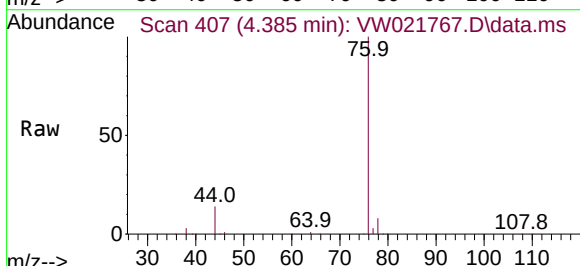
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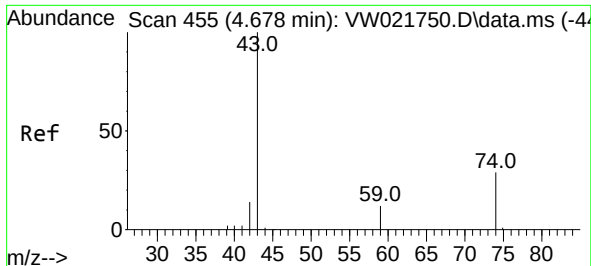
Tgt Ion: 76 Resp: 129575

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7

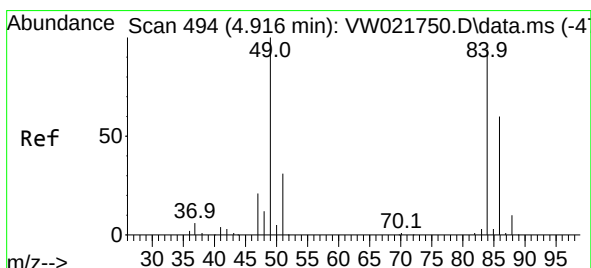
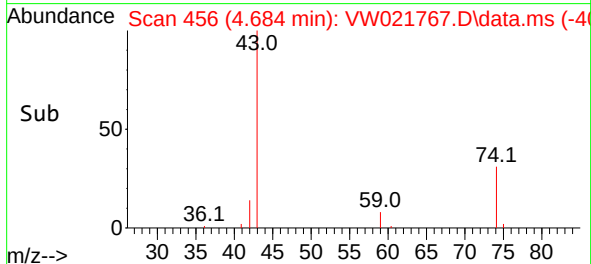
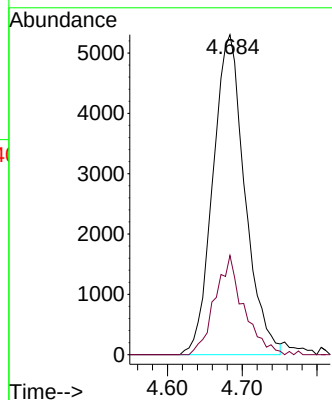
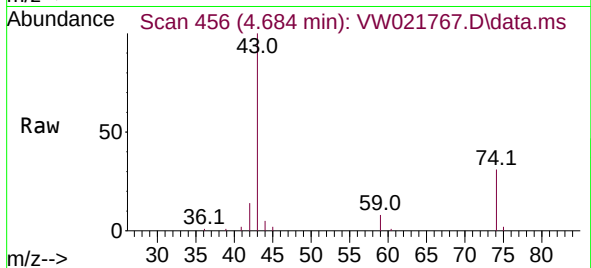




#15
Methyl Acetate
Concen: 22.290 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

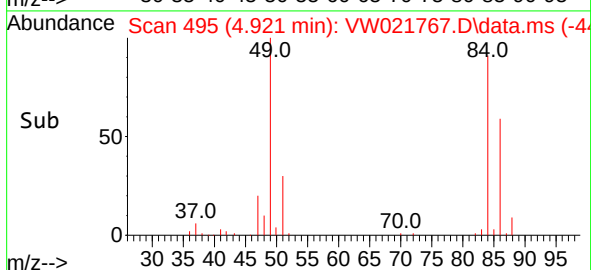
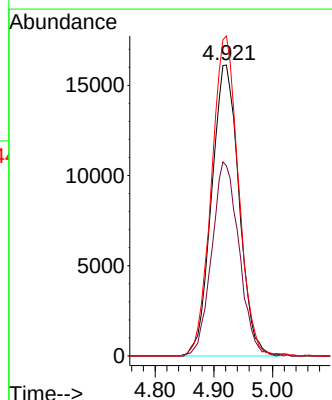
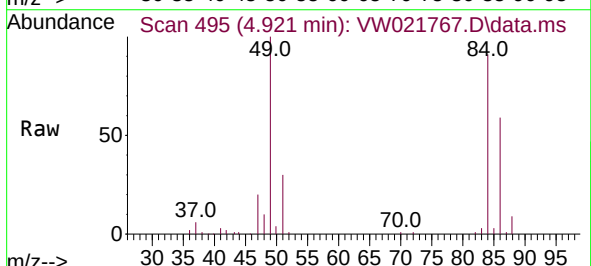
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

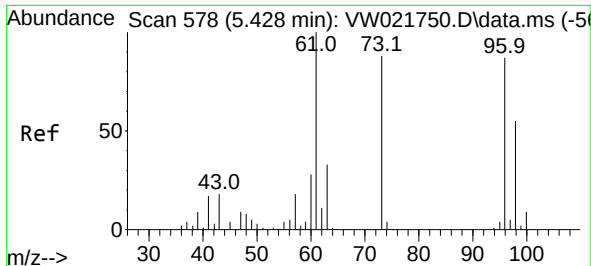
Tgt Ion: 43 Resp: 15769
Ion Ratio Lower Upper
43 100
74 27.8 16.4 24.6#



#16
Methylene chloride
Concen: 19.323 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion: 84 Resp: 52222
Ion Ratio Lower Upper
84 100
86 65.3 45.5 84.5
49 110.0 100.5 186.7

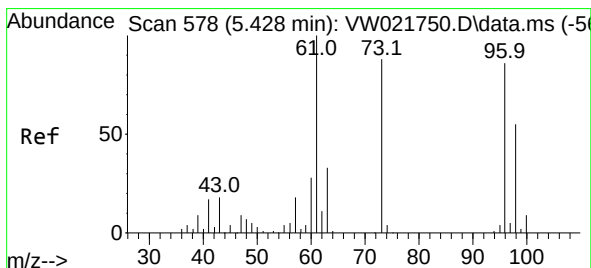
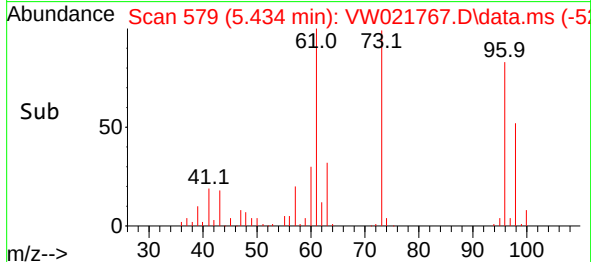
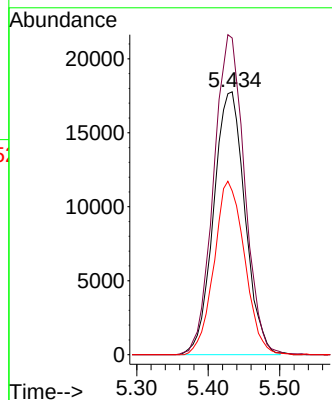
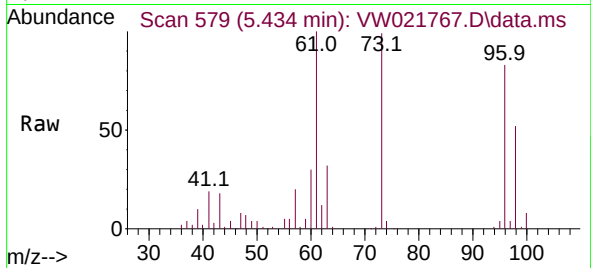




#17
trans-1,2-Dichloroethene
Concen: 22.851 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

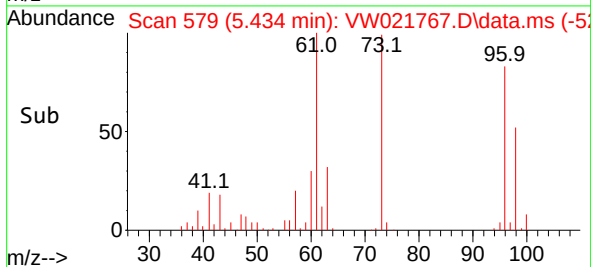
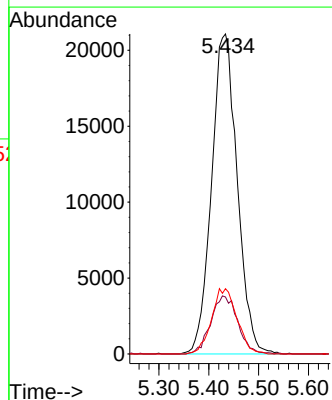
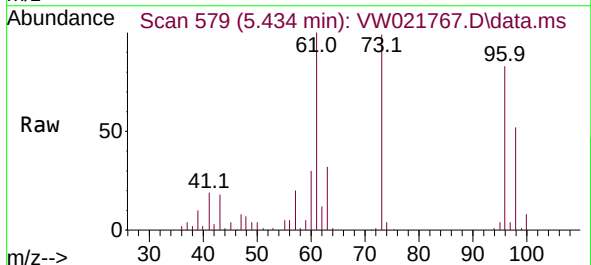
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

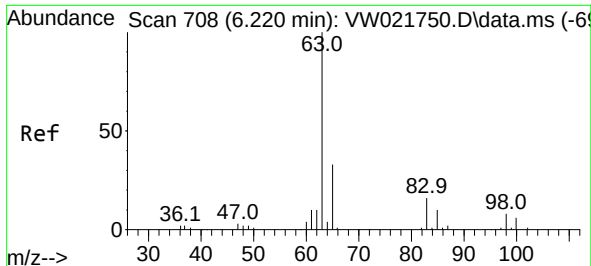
Tgt Ion: 96 Resp: 54102
Ion Ratio Lower Upper
96 100
61 120.4 107.4 199.4
98 62.3 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 22.878 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion: 73 Resp: 75420
Ion Ratio Lower Upper
73 100
43 19.0 19.5 29.3#
57 9.7 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 22.514 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

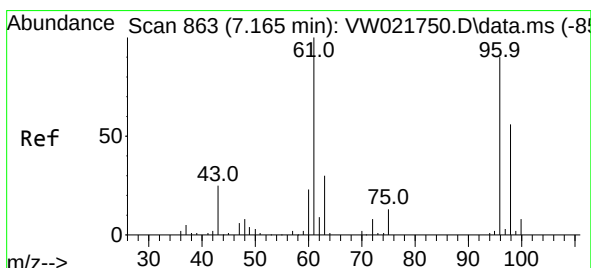
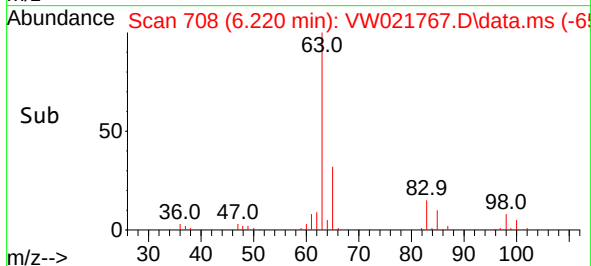
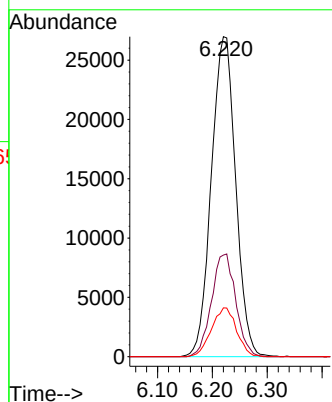
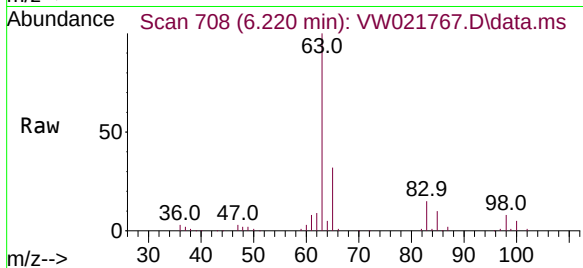
Tgt Ion: 63 Resp: 83160

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 15.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.679 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

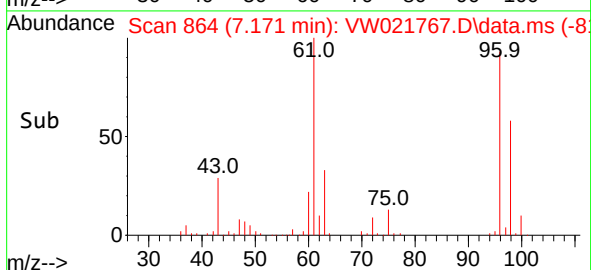
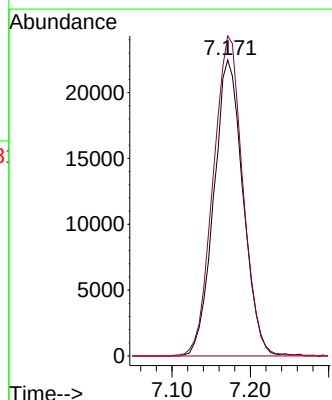
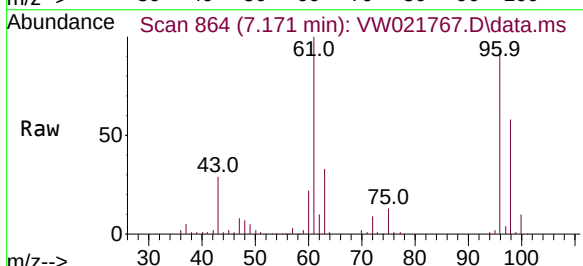
Tgt Ion: 96 Resp: 58195

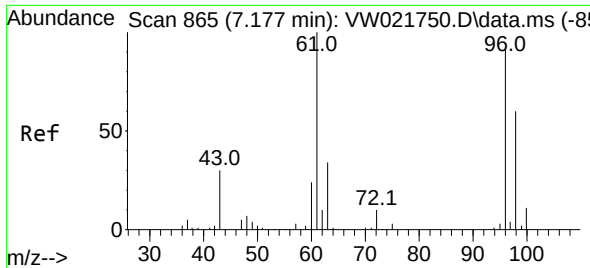
Ion Ratio Lower Upper

96 100

61 108.1 103.7 192.7

68 0.0 0.0 0.0

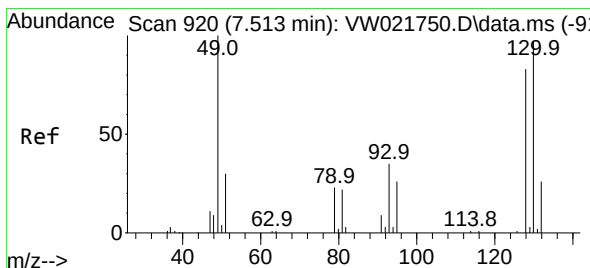
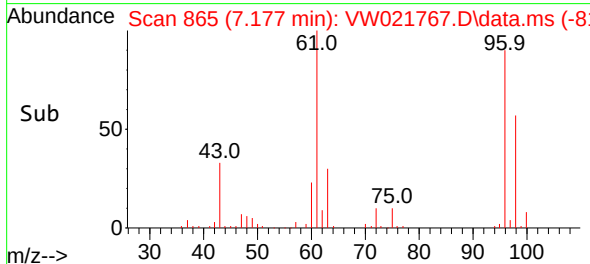
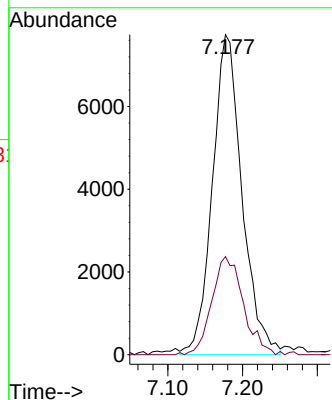
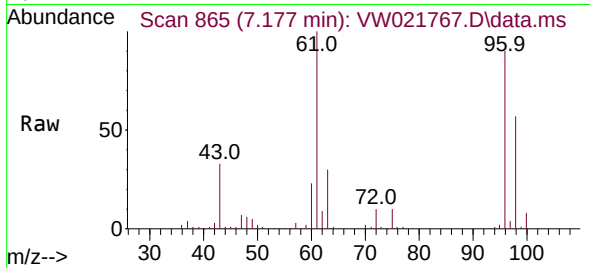




#22
2-Butanone
Concen: 42.238 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

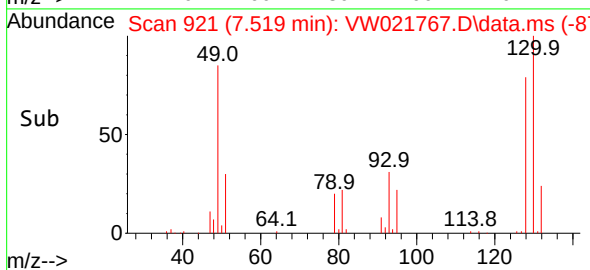
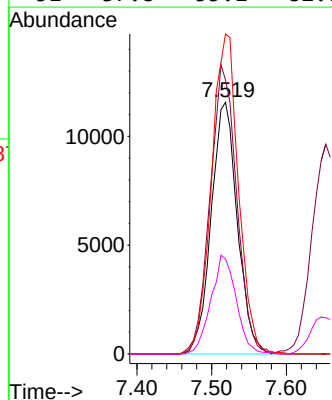
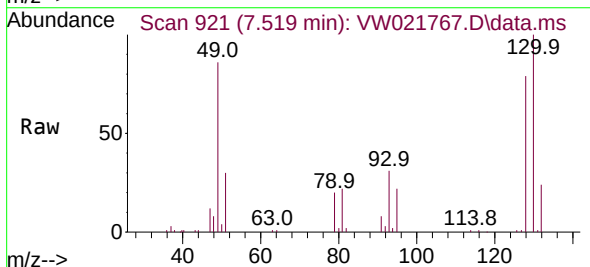
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

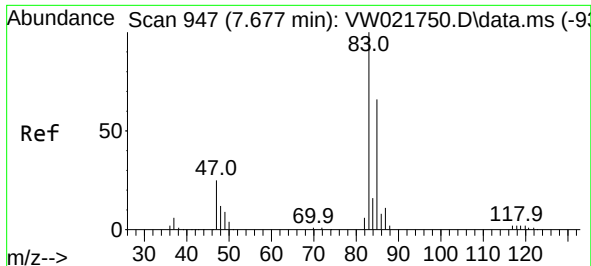
Tgt Ion: 43 Resp: 21291
Ion Ratio Lower Upper
43 100
72 30.4 11.8 35.4



#23
Bromochloromethane
Concen: 23.722 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion: 128 Resp: 28181
Ion Ratio Lower Upper
128 100
49 108.9 150.3 279.1#
130 127.1 88.3 163.9
51 37.8 55.1 82.7#

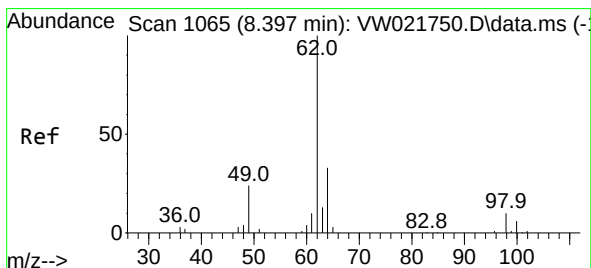
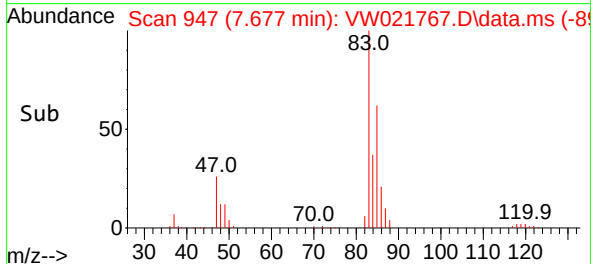
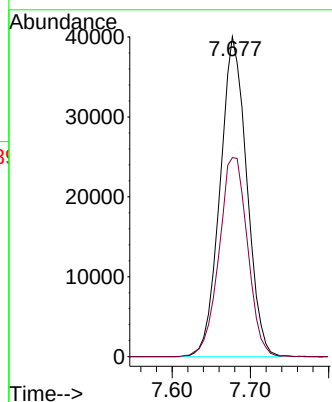
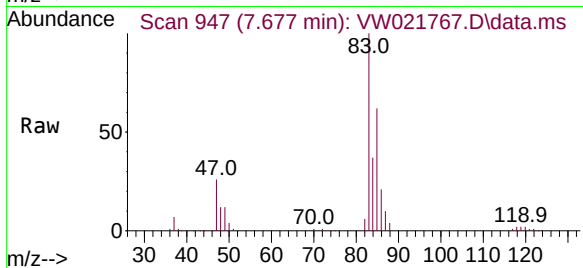




#25
Chloroform
Concen: 22.226 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

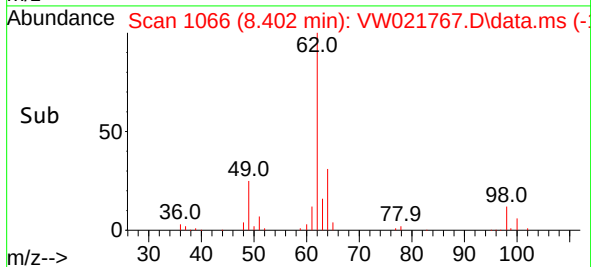
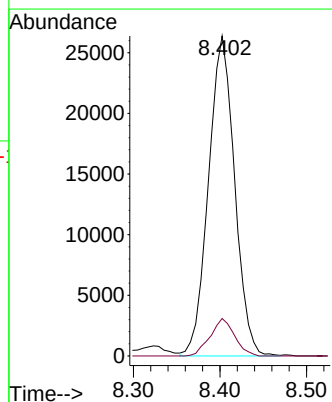
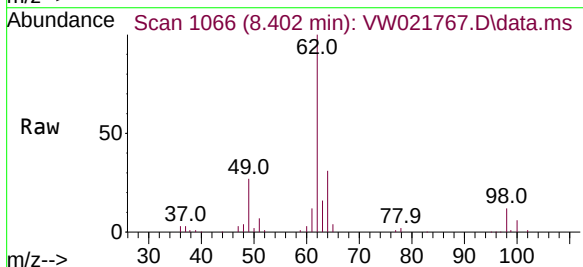
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

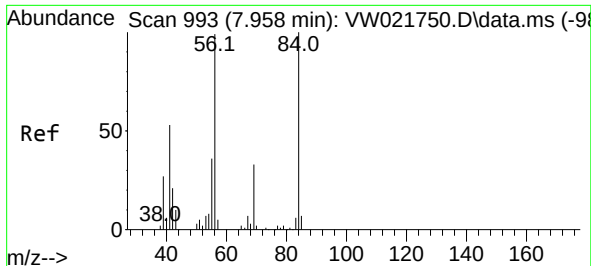
Tgt Ion: 83 Resp: 94703
Ion Ratio Lower Upper
83 100
85 62.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 20.012 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion: 62 Resp: 55306
Ion Ratio Lower Upper
62 100
98 11.7 6.5 9.7#

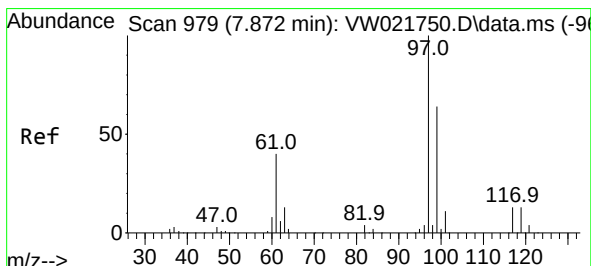
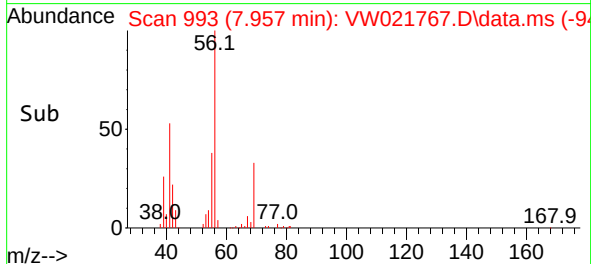
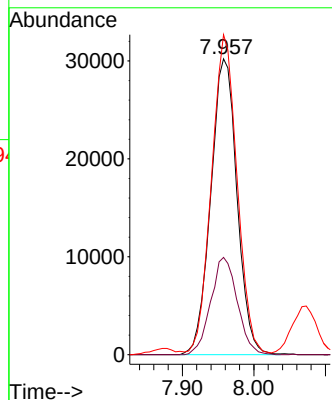
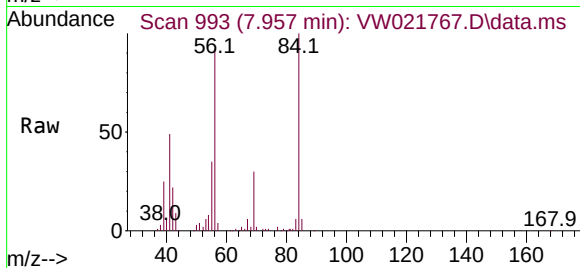




#29
Cyclohexane
Concen: 21.782 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

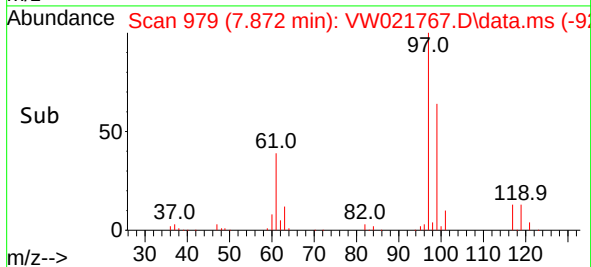
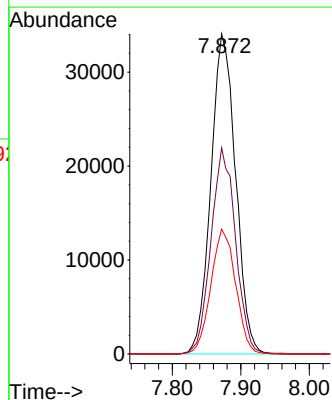
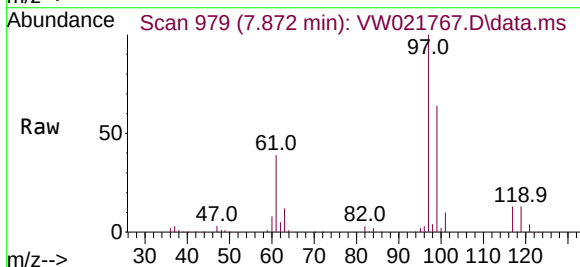
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

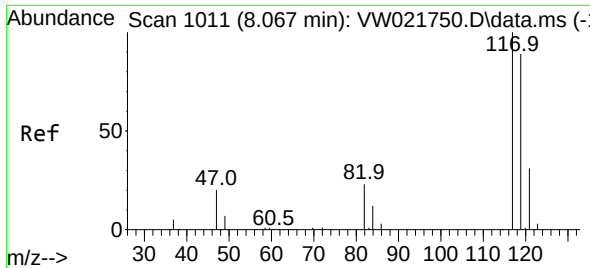
Tgt Ion: 56 Resp: 77003
Ion Ratio Lower Upper
56 100
69 33.3 23.5 35.3
84 105.8 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 21.178 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion: 97 Resp: 85419
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 39.2 40.9 61.3#

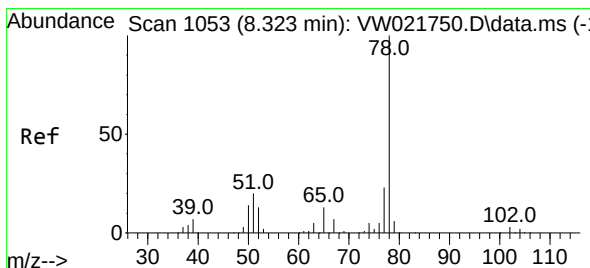
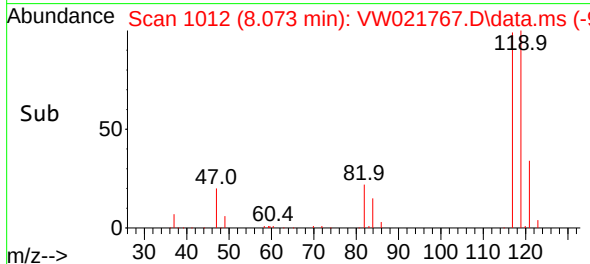
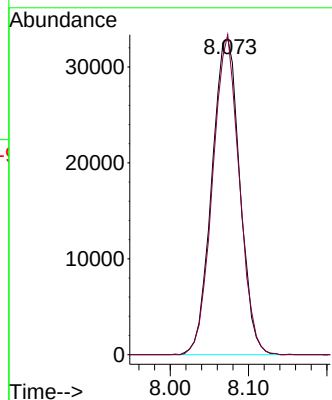
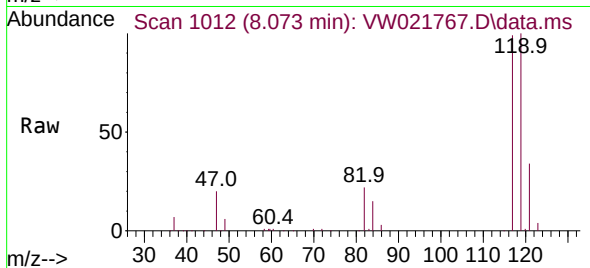




#31
Carbon tetrachloride
Concen: 20.884 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

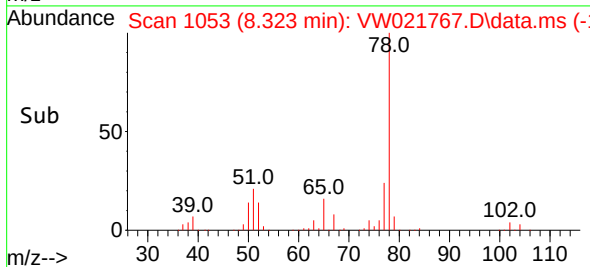
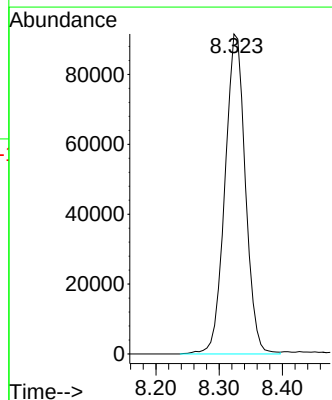
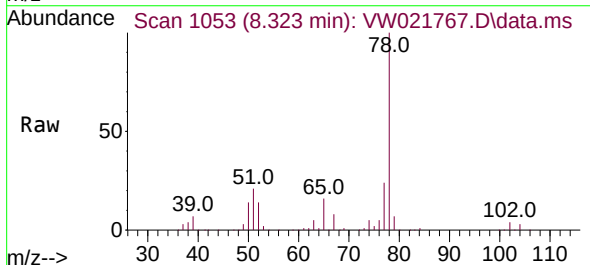
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

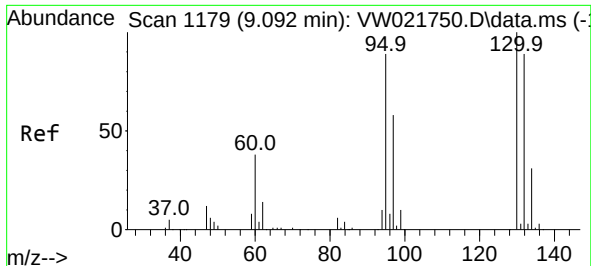
Tgt Ion:117 Resp: 81910
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5



#33
Benzene
Concen: 22.028 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion: 78 Resp: 205458

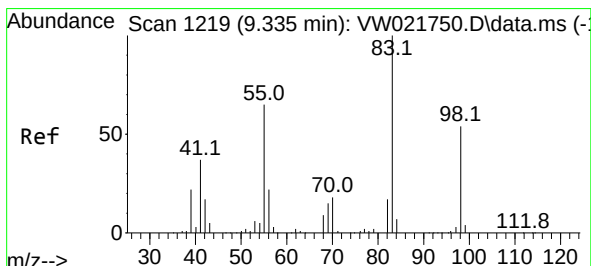
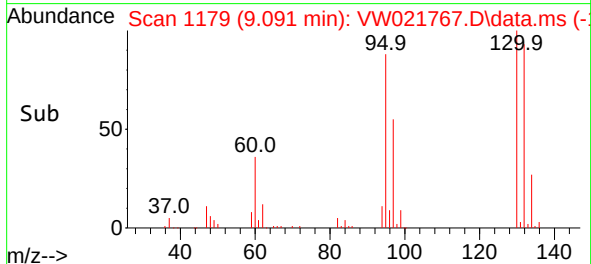
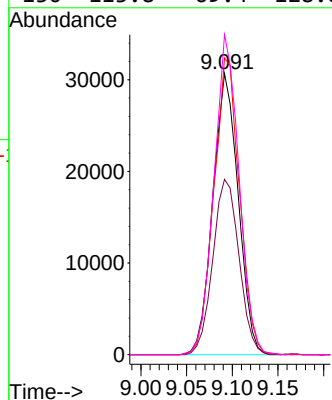
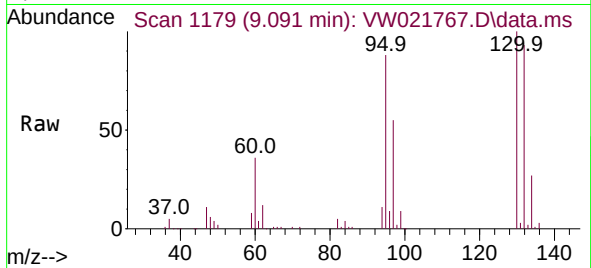




#34
Trichloroethene
Concen: 22.352 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

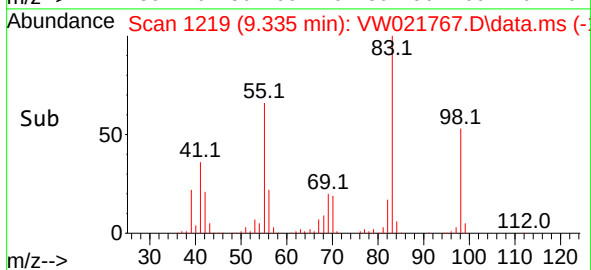
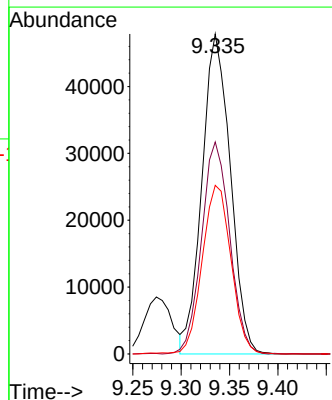
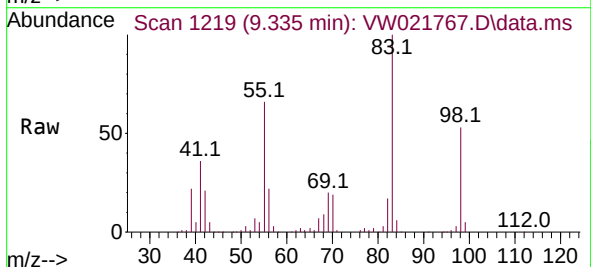
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

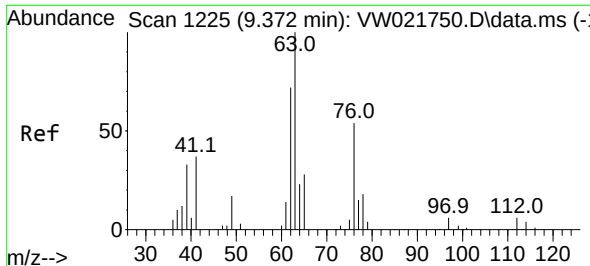
Tgt Ion:	95	Resp:	59184
Ion	Ratio	Lower	Upper
95	100		
97	62.4	47.0	87.2
132	105.6	65.5	121.6
130	113.8	69.4	128.8



#35
Methylcyclohexane
Concen: 22.348 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion:	83	Resp:	97629
Ion	Ratio	Lower	Upper
83	100		
55	65.9	70.8	106.2#
98	53.5	37.7	56.5





#37

1,2-Dichloropropane

Concen: 21.775 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

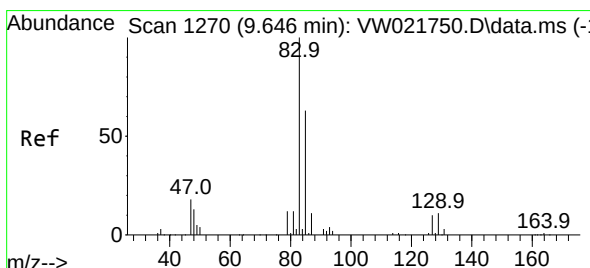
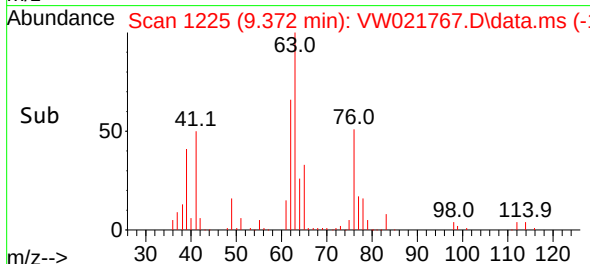
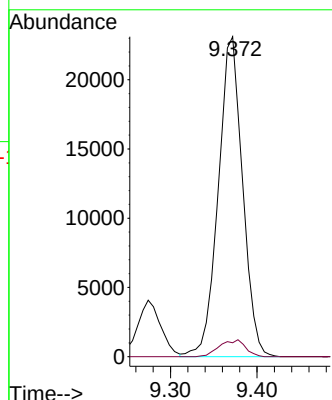
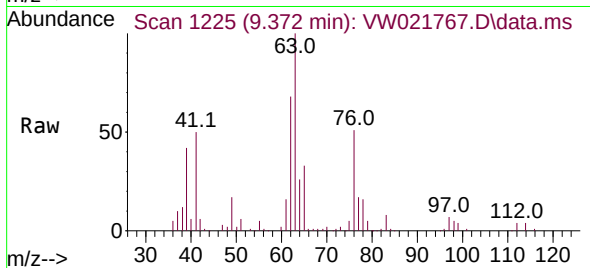
VSTD025523

Tgt Ion: 63 Resp: 45012

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 20.093 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

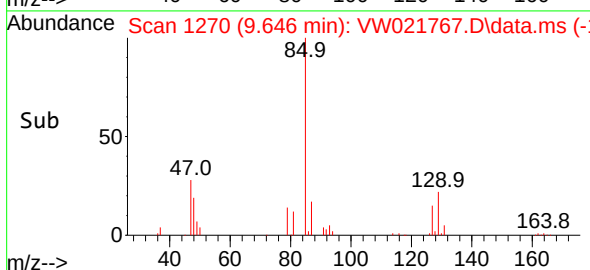
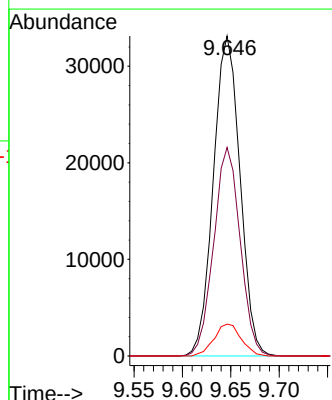
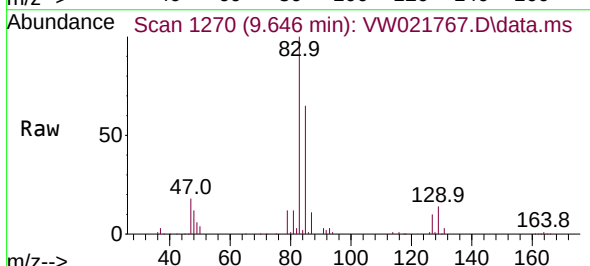
Tgt Ion: 83 Resp: 63395

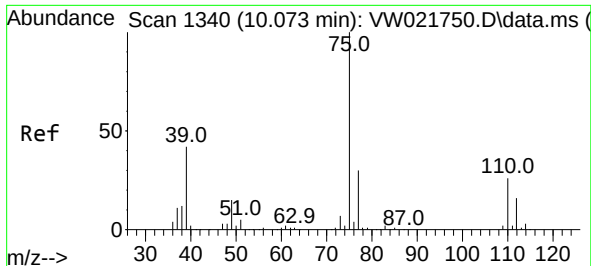
Ion Ratio Lower Upper

83 100

85 65.1 44.1 81.9

127 9.9 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 21.935 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

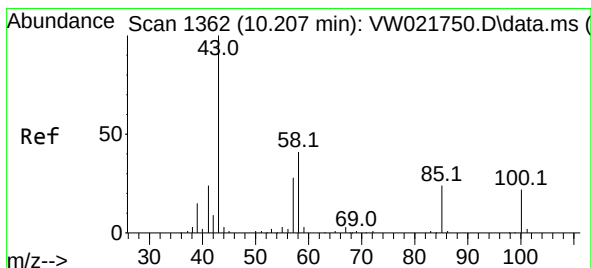
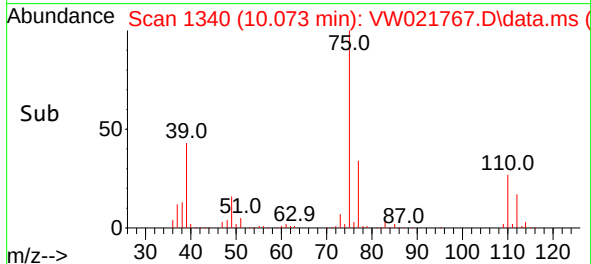
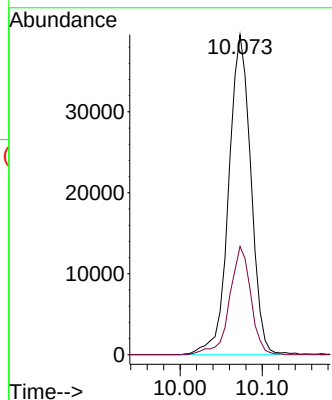
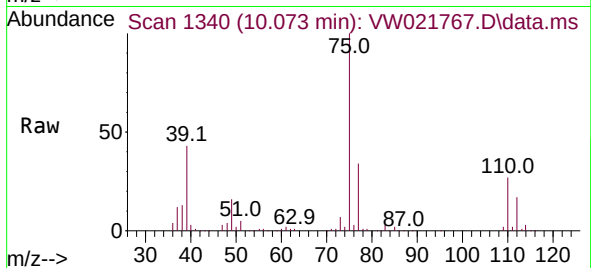
VSTD025523

Tgt Ion: 75 Resp: 74083

Ion Ratio Lower Upper

75 100

77 33.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 40.728 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

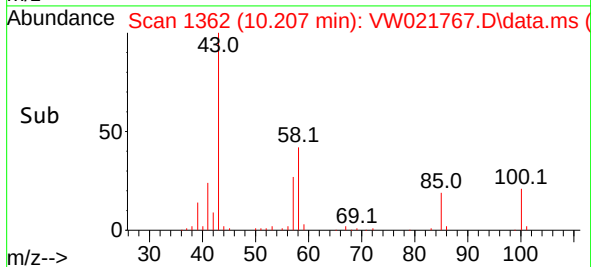
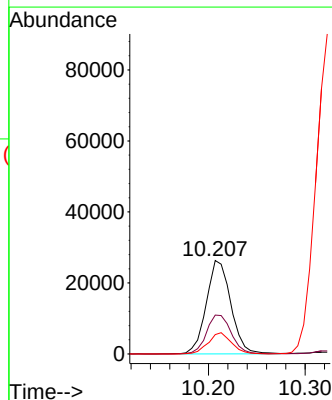
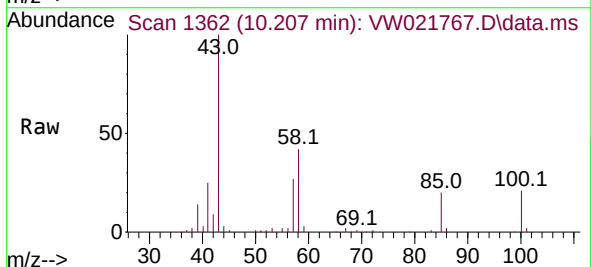
Tgt Ion: 43 Resp: 46377

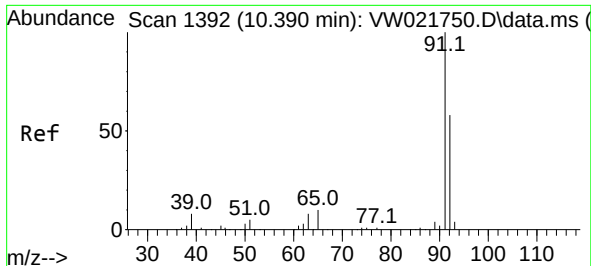
Ion Ratio Lower Upper

43 100

58 42.4 28.8 43.2

100 21.7 10.0 15.0#

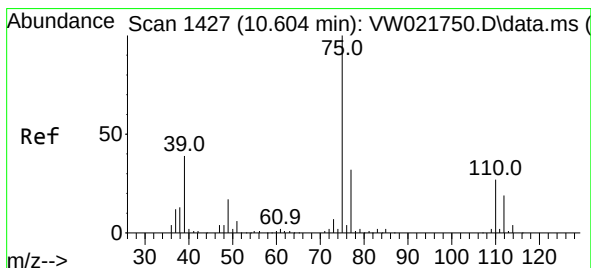
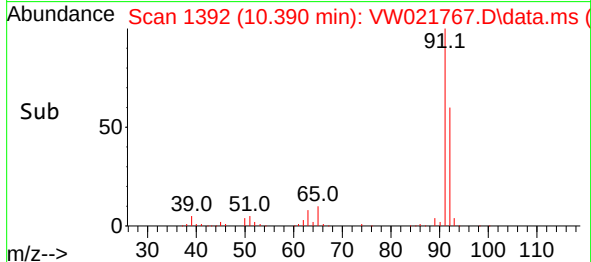
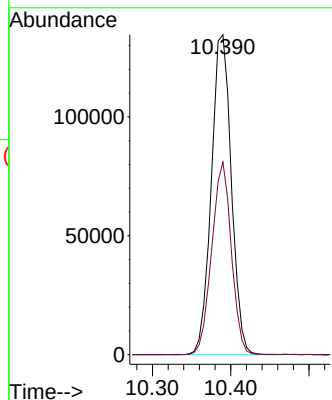
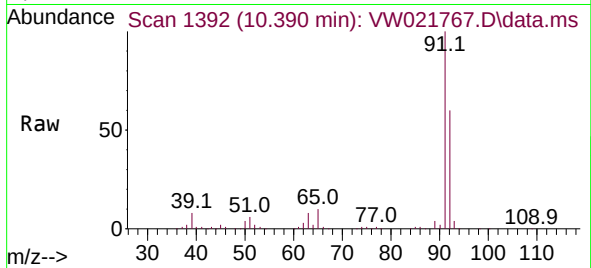




#42
Toluene
Concen: 22.183 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

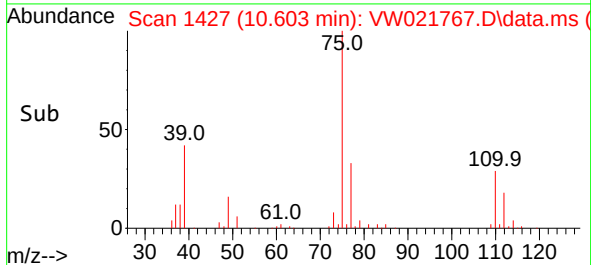
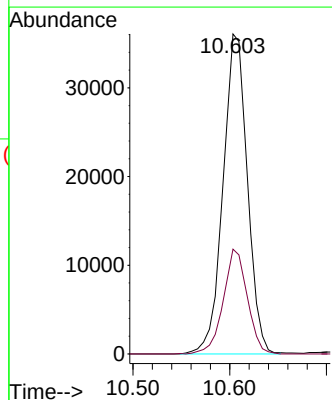
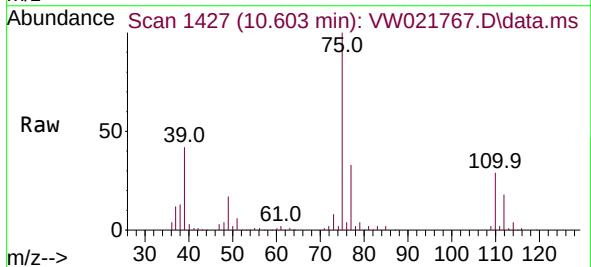
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

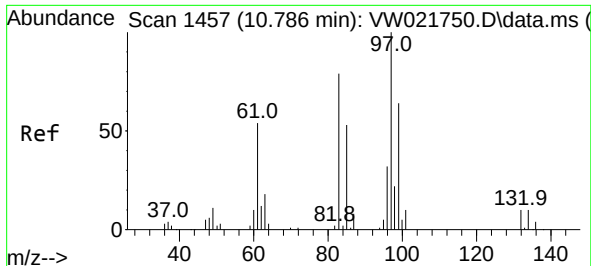
Tgt Ion: 91 Resp: 238846
Ion Ratio Lower Upper
91 100
92 60.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 20.736 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion: 75 Resp: 62923
Ion Ratio Lower Upper
75 100
77 32.8 22.2 41.2

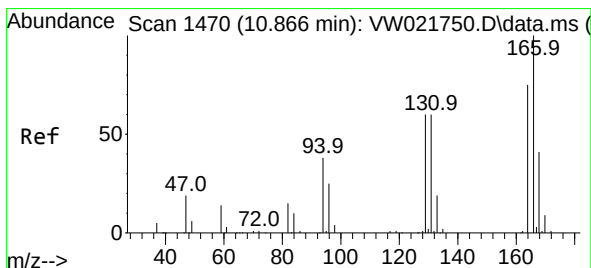
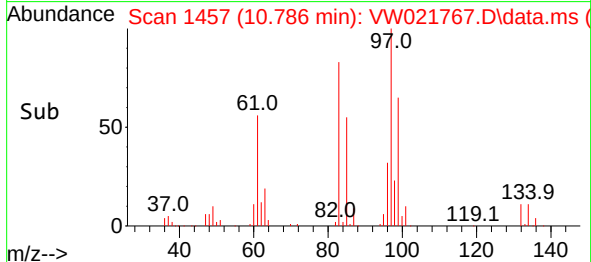
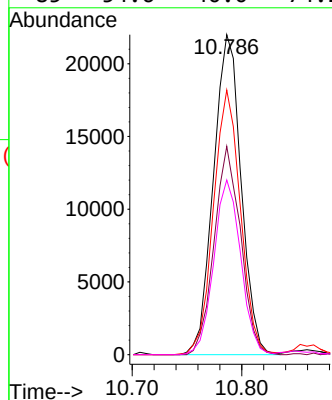
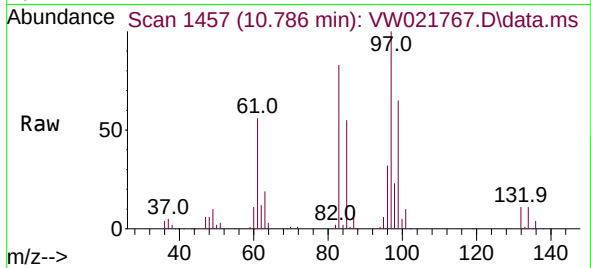




#45
1,1,2-Trichloroethane
Concen: 22.478 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

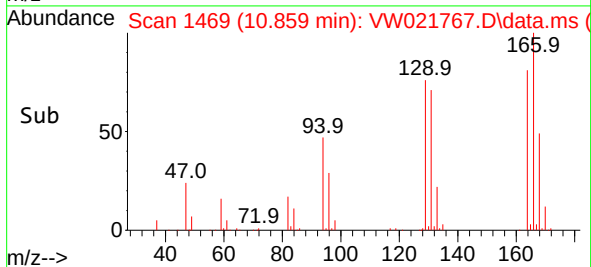
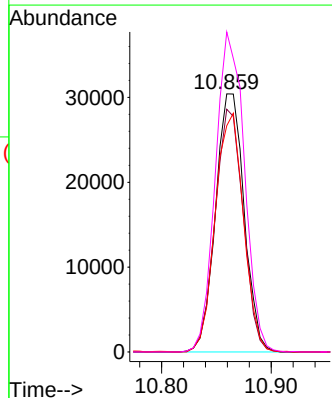
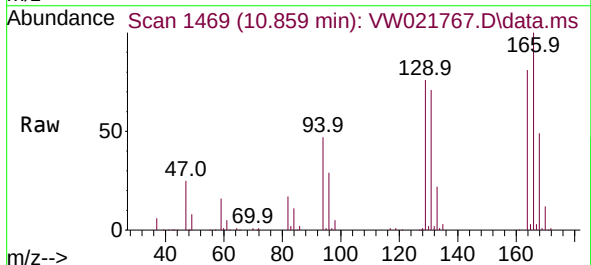
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

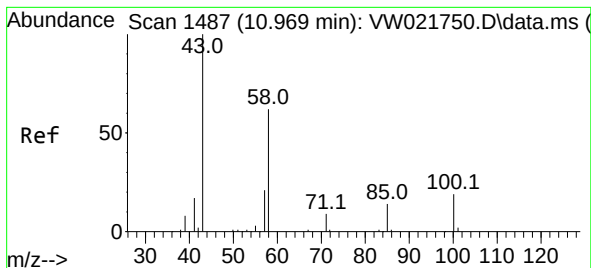
Tgt Ion:	97	Resp:	38593
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.0	79.8
83	82.7	62.6	116.3
85	54.6	40.0	74.2



#46
Tetrachloroethene
Concen: 22.221 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion:	164	Resp:	55099
Ion	Ratio	Lower	Upper
164	100		
129	94.0	65.5	121.7
131	87.6	59.7	110.9
166	124.0	88.7	164.7





#48

2-Hexanone

Concen: 42.109 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

Tgt Ion: 43 Resp: 32563

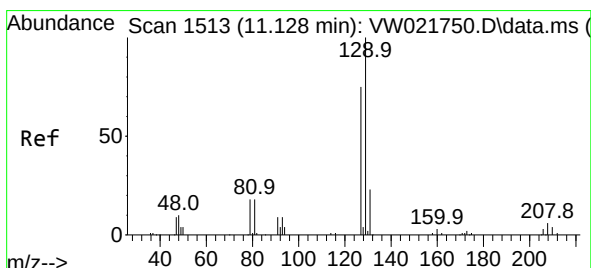
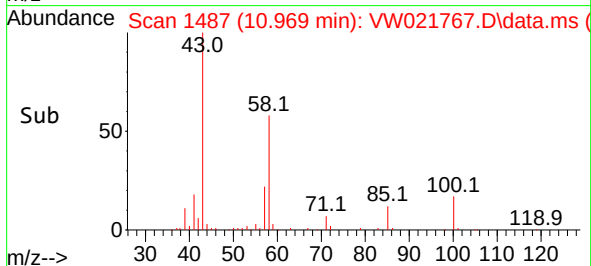
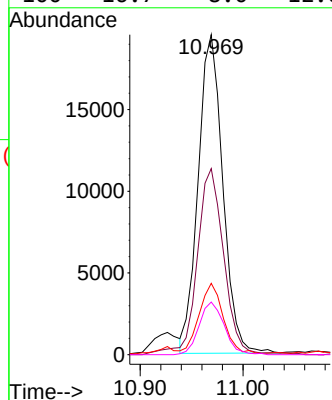
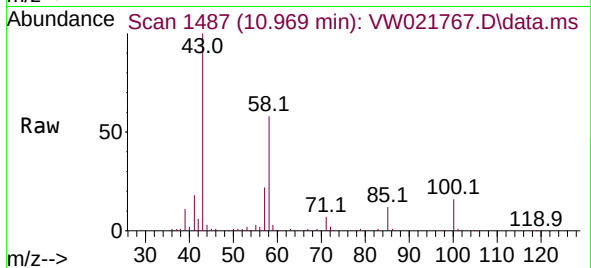
Ion Ratio Lower Upper

43 100

58 59.3 40.2 60.2

57 22.4 14.3 21.5#

100 16.7 8.0 12.0#



#49

Dibromochloromethane

Concen: 21.052 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW021767.D

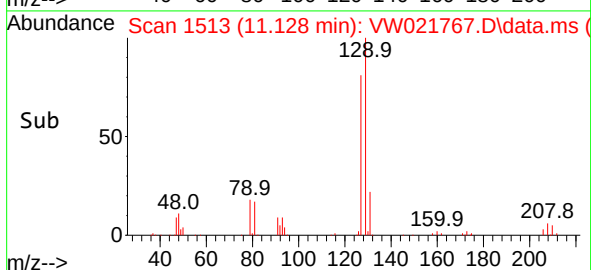
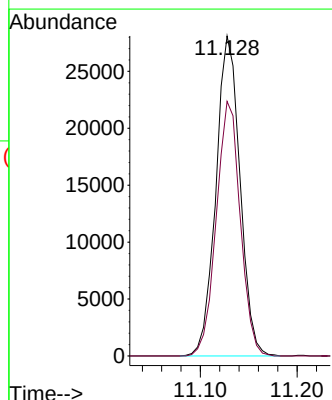
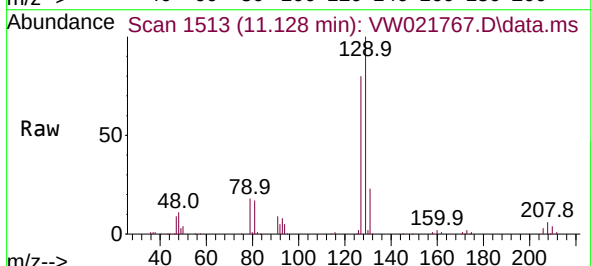
Acq: 06 Jan 2022 19:08

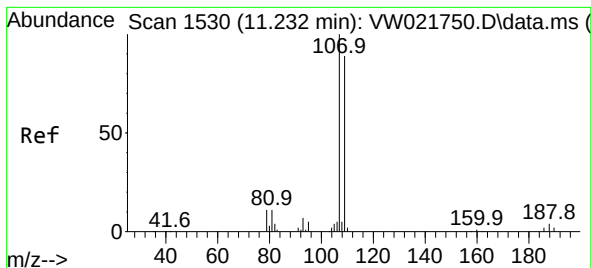
Tgt Ion:129 Resp: 48563

Ion Ratio Lower Upper

129 100

127 79.6 55.7 103.5

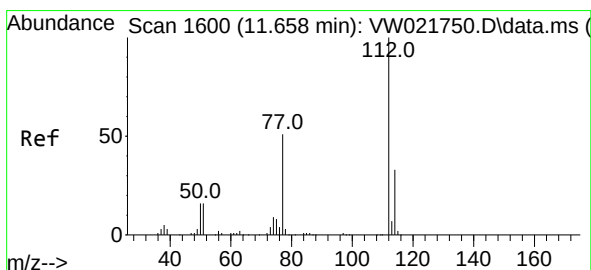
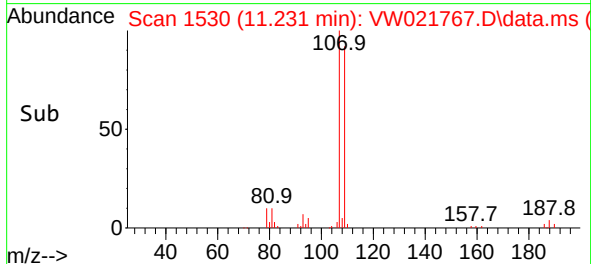
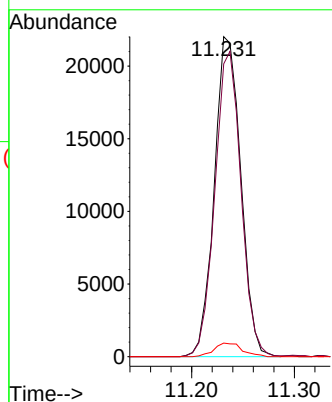
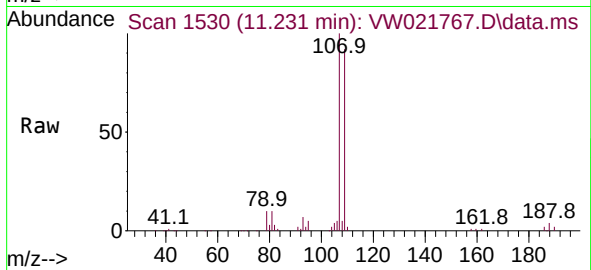




#50
1,2-Dibromoethane
Concen: 22.883 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

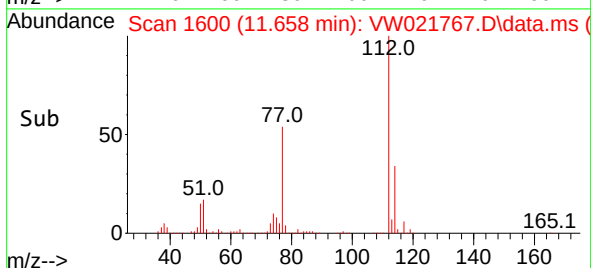
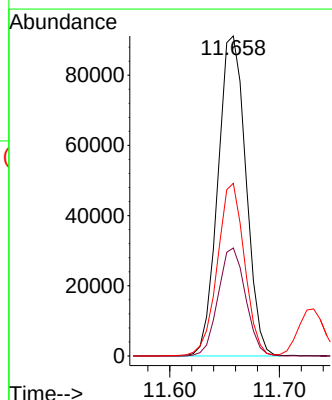
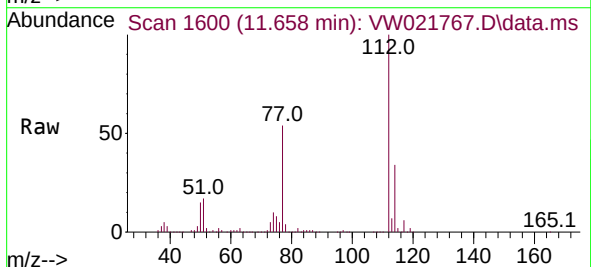
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

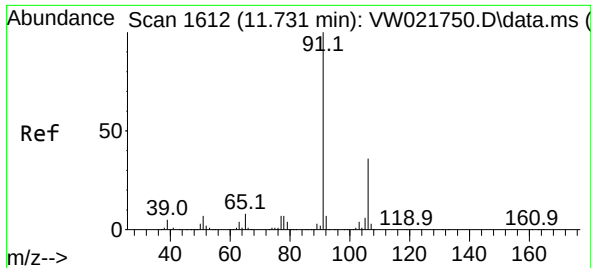
Tgt Ion:107 Resp: 39458
Ion Ratio Lower Upper
107 100
109 91.5 64.1 119.1
188 4.2 2.6 3.8#



#51
Chlorobenzene
Concen: 23.296 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion:112 Resp: 161841
Ion Ratio Lower Upper
112 100
114 33.8 22.4 41.6
77 53.9 50.2 75.4

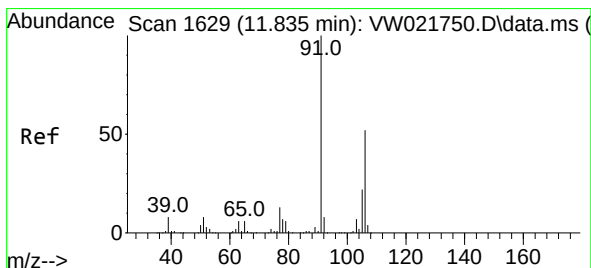
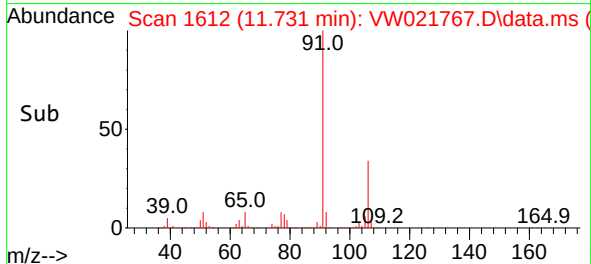
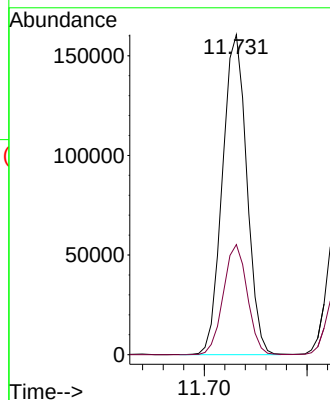
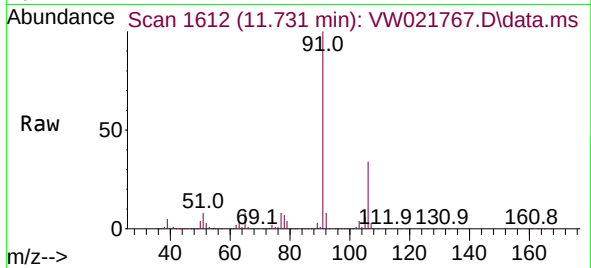




#52
Ethylbenzene
Concen: 21.807 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

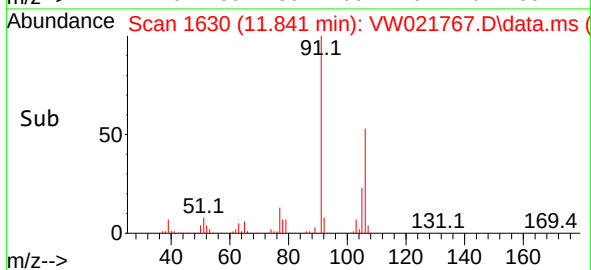
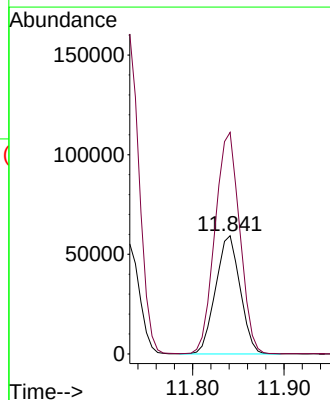
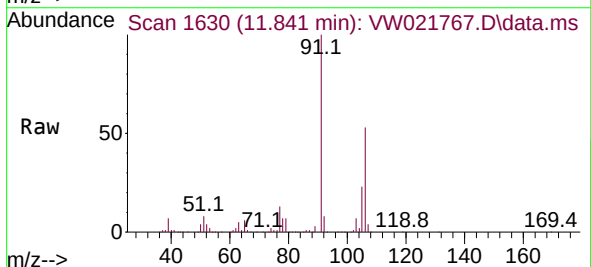
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

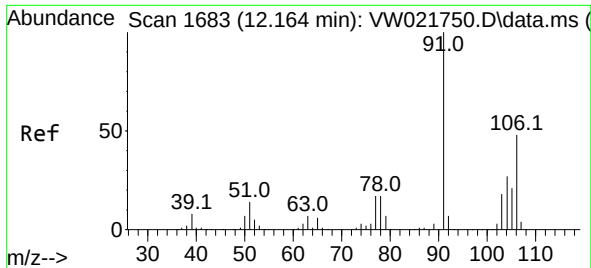
Tgt Ion: 91 Resp: 263556
Ion Ratio Lower Upper
91 100
106 34.4 21.5 39.9



#53
m,p-Xylene
Concen: 22.885 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion: 106 Resp: 110827
Ion Ratio Lower Upper
106 100
91 187.4 149.9 278.3

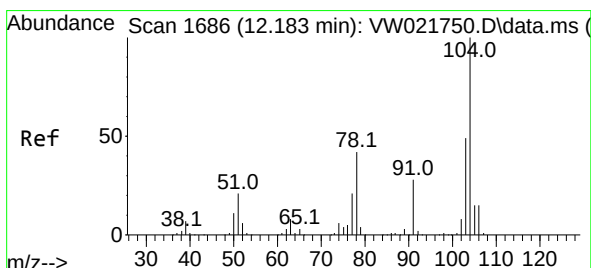
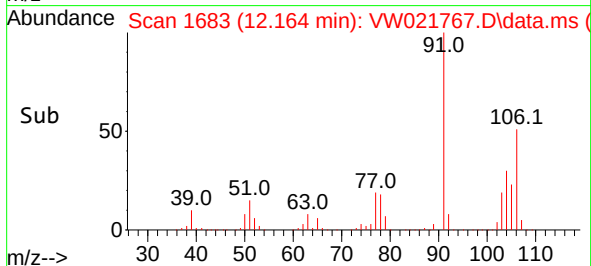
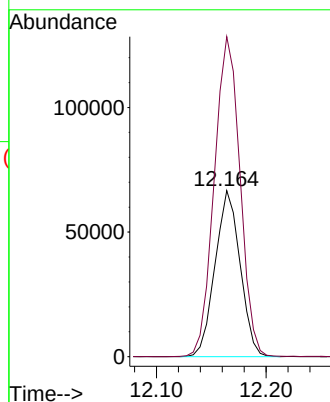
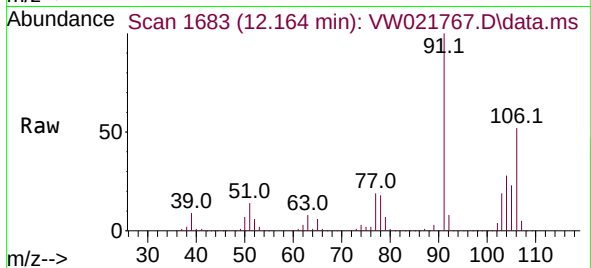




#54
o-Xylene
Concen: 23.044 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

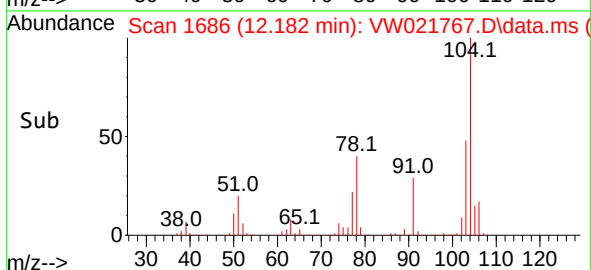
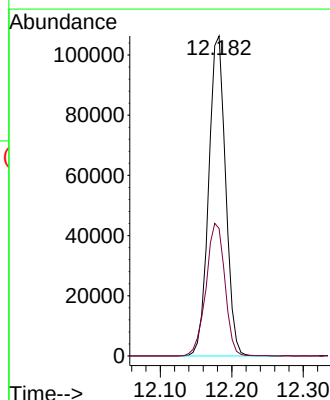
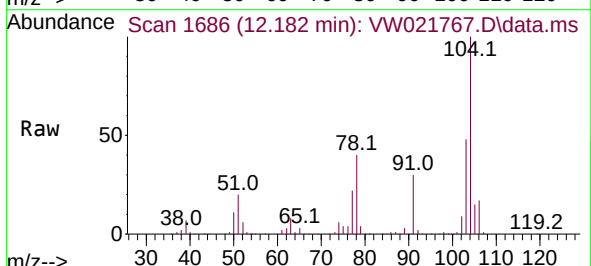
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

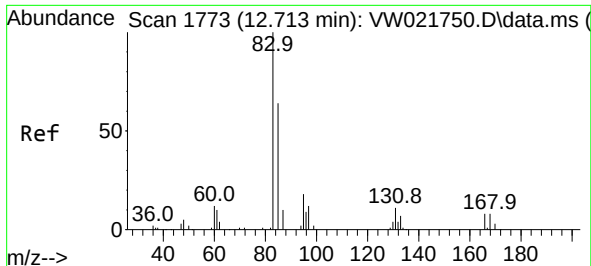
Tgt Ion:106 Resp: 105772
Ion Ratio Lower Upper
106 100
91 192.6 153.6 285.3



#55
Styrene
Concen: 22.160 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion:104 Resp: 174682
Ion Ratio Lower Upper
104 100
78 39.8 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.698 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

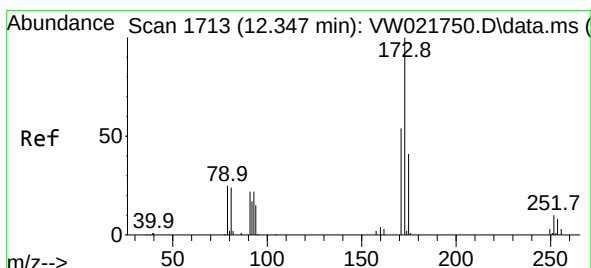
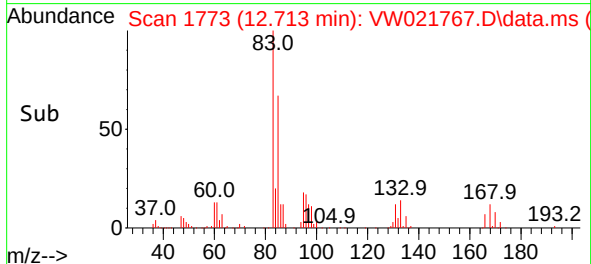
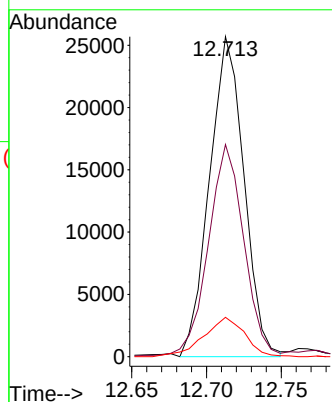
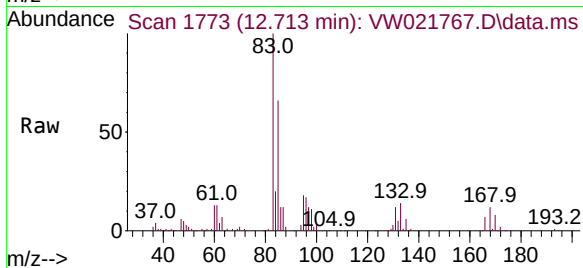
Tgt Ion: 83 Resp: 41210

Ion Ratio Lower Upper

83 100

85 66.3 44.0 81.6

131 12.3 6.9 10.3#



#59

Bromoform

Concen: 22.309 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

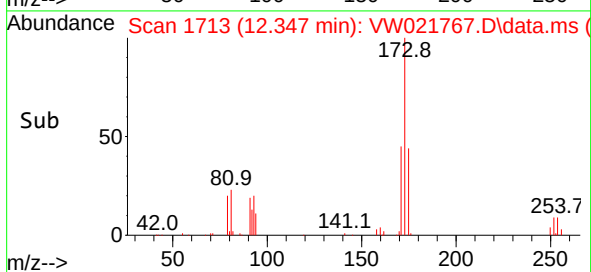
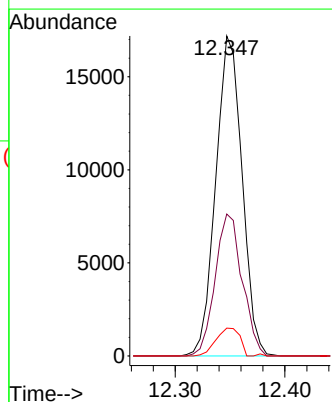
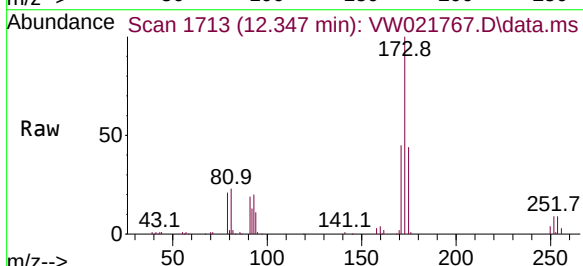
Tgt Ion:173 Resp: 28692

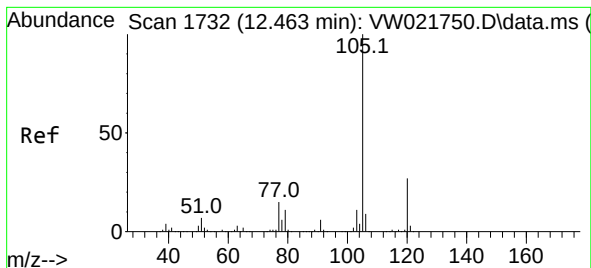
Ion Ratio Lower Upper

173 100

175 45.5 39.6 59.4

254 7.9 7.4 11.0





#60

Isopropylbenzene

Concen: 23.538 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

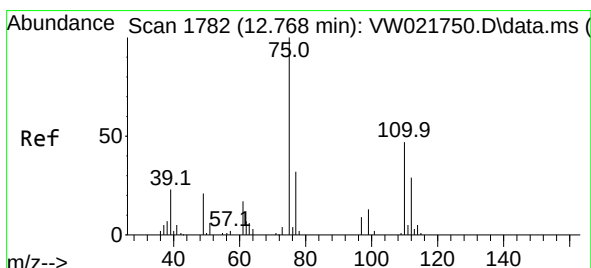
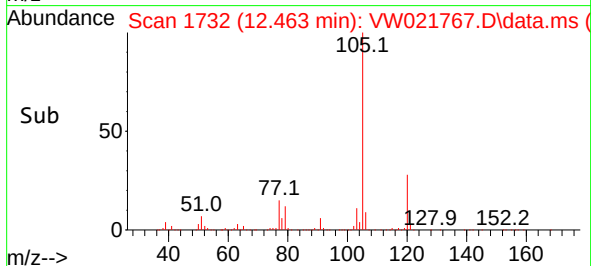
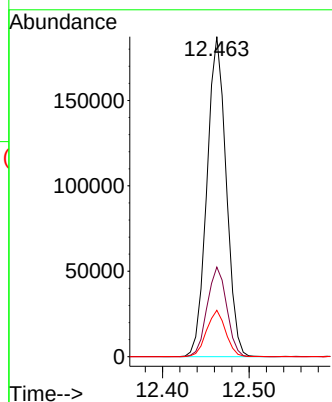
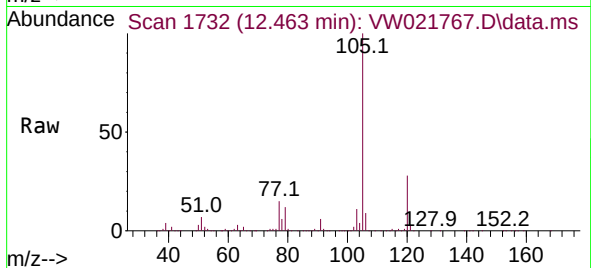
Tgt Ion:105 Resp: 289148

Ion Ratio Lower Upper

105 100

120 28.4 20.1 30.1

77 14.3 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 22.230 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

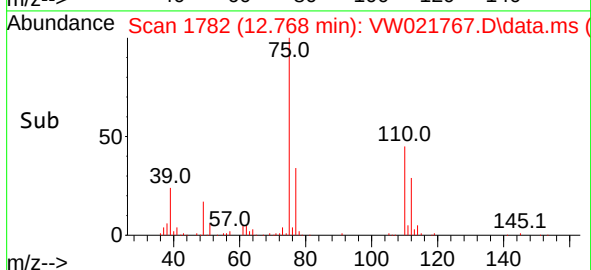
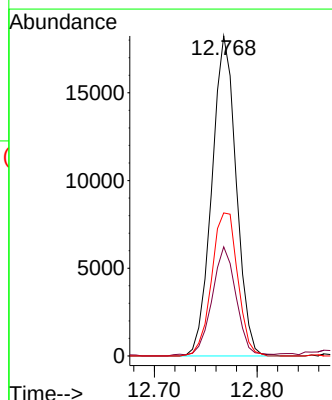
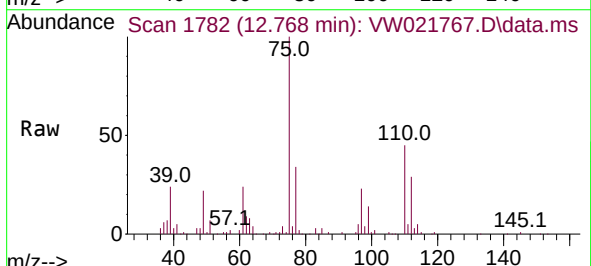
Tgt Ion: 75 Resp: 29977

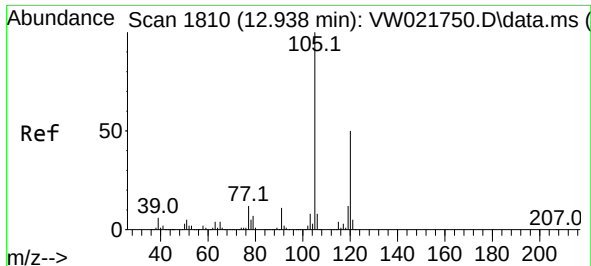
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.8

110 47.9 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 23.754 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

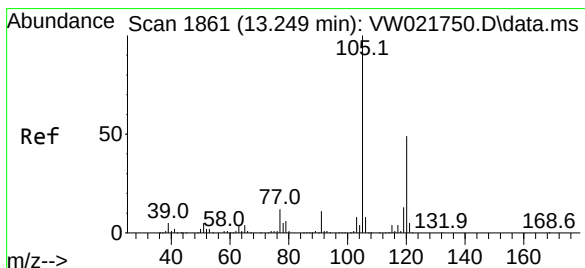
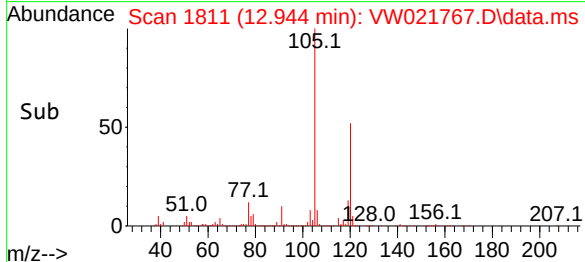
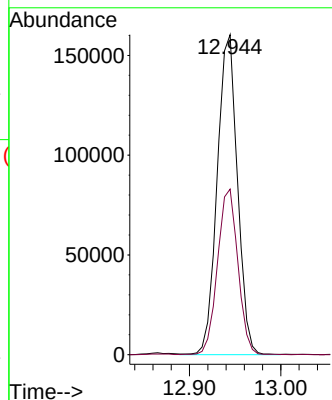
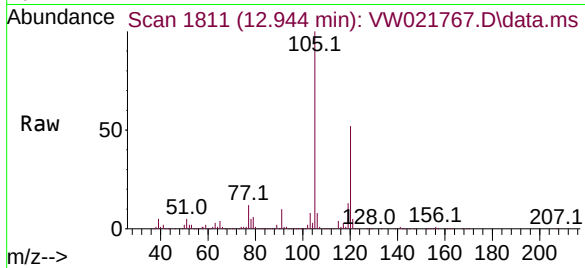
VSTD025523

Tgt Ion:105 Resp: 246701

Ion Ratio Lower Upper

105 100

120 52.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.719 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021767.D

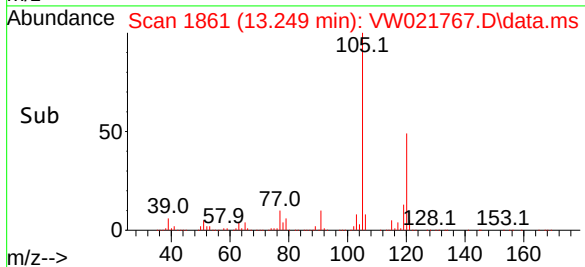
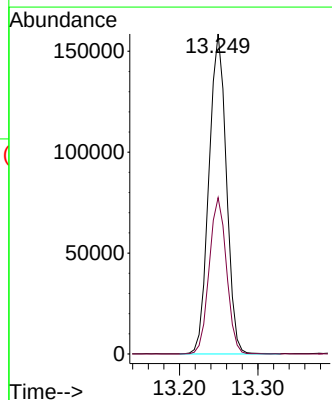
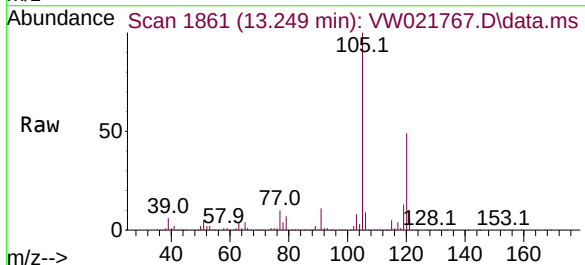
Acq: 06 Jan 2022 19:08

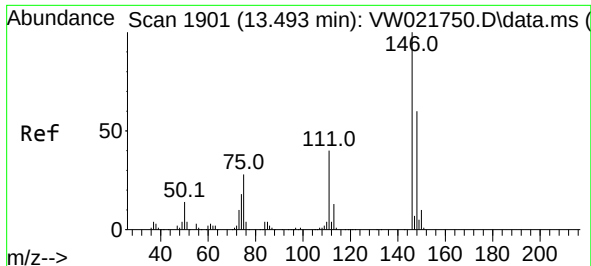
Tgt Ion:105 Resp: 244685

Ion Ratio Lower Upper

105 100

120 48.4 35.0 52.6

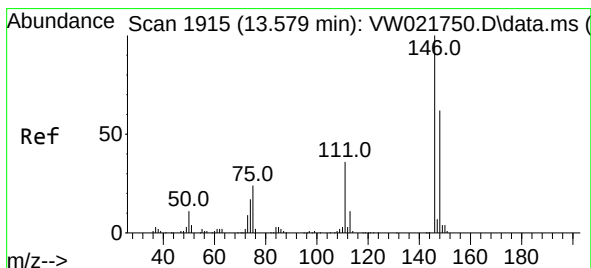
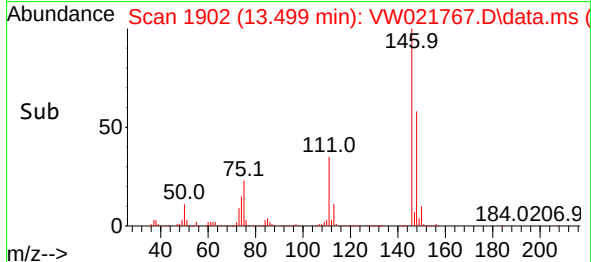
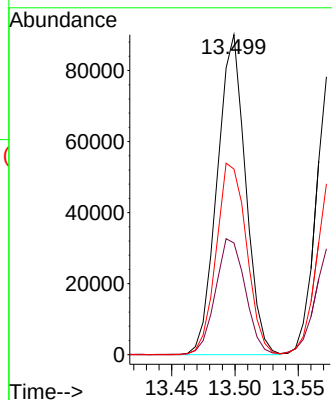
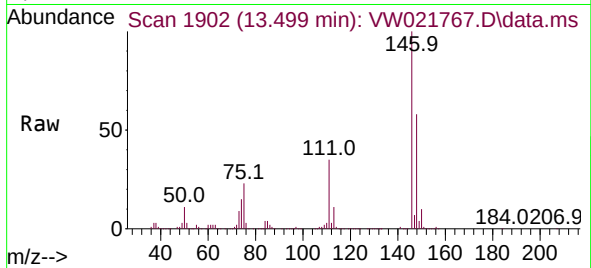




#64
1,3-Dichlorobenzene
Concen: 24.236 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

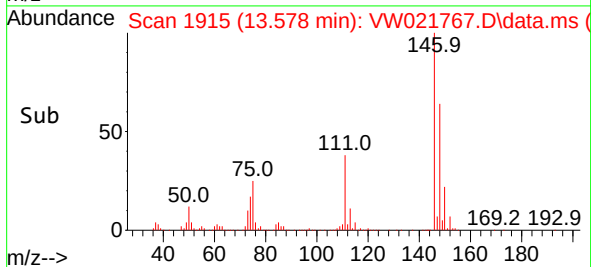
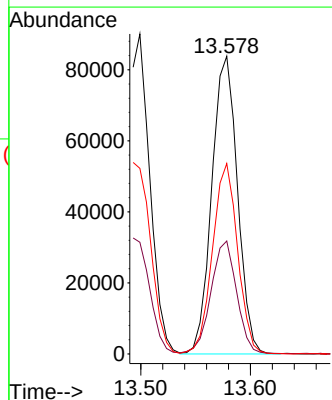
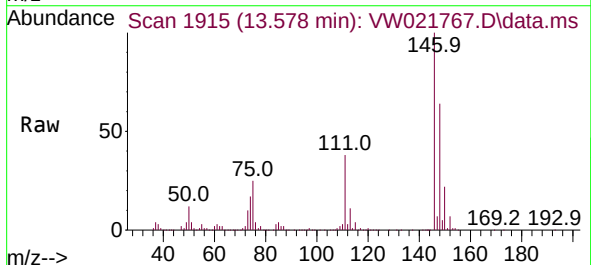
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

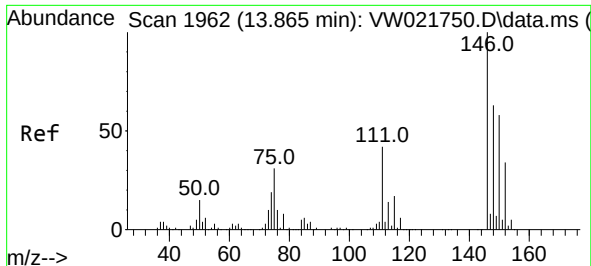
Tgt Ion:146 Resp: 140566
Ion Ratio Lower Upper
146 100
111 34.9 29.8 55.3
148 58.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.600 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion:146 Resp: 136487
Ion Ratio Lower Upper
146 100
111 37.9 29.0 53.9
148 64.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.999 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

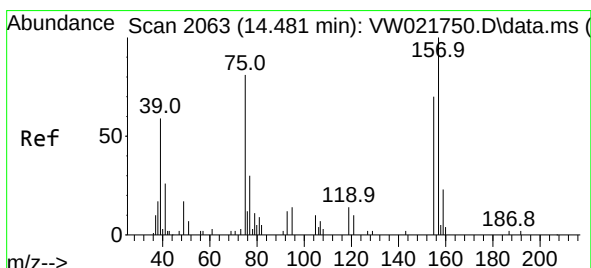
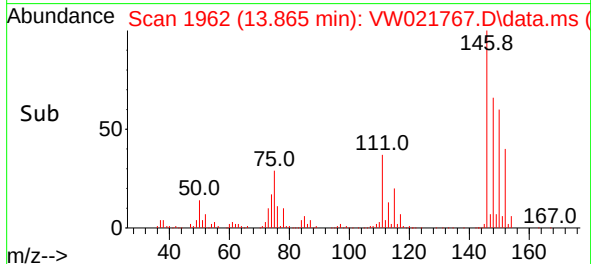
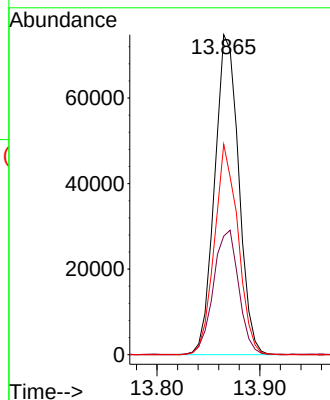
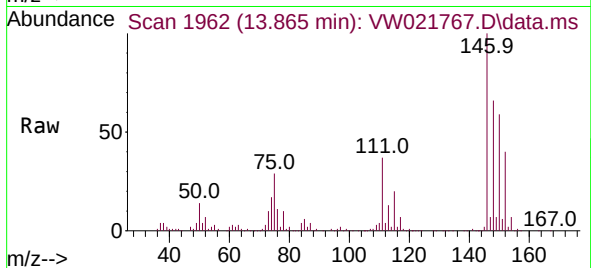
Tgt Ion:146 Resp: 121527

Ion Ratio Lower Upper

146 100

111 37.0 33.1 49.7

148 65.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 19.783 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

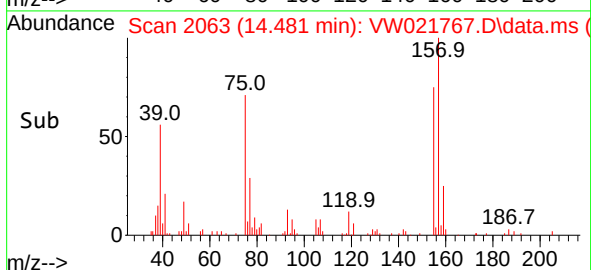
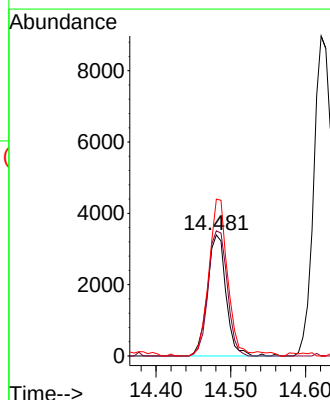
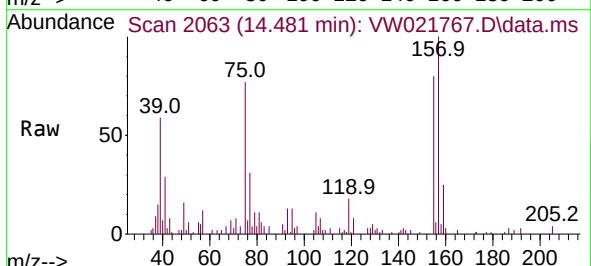
Tgt Ion: 75 Resp: 5874

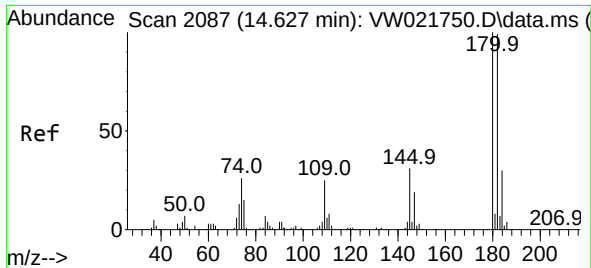
Ion Ratio Lower Upper

75 100

155 103.4 54.2 81.2#

157 129.6 69.4 104.2#

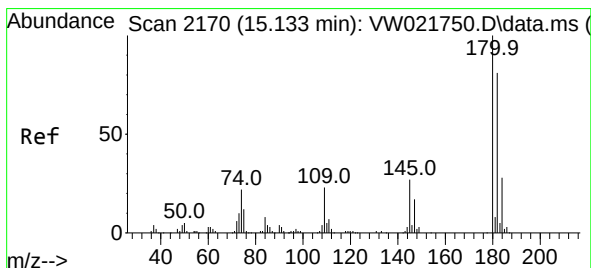
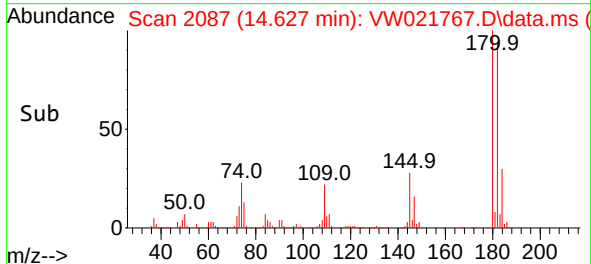
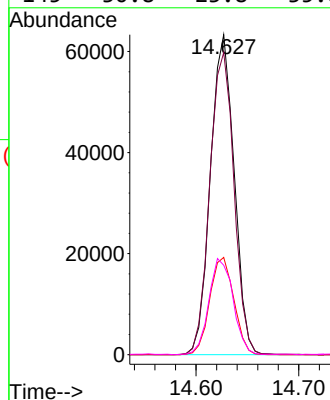
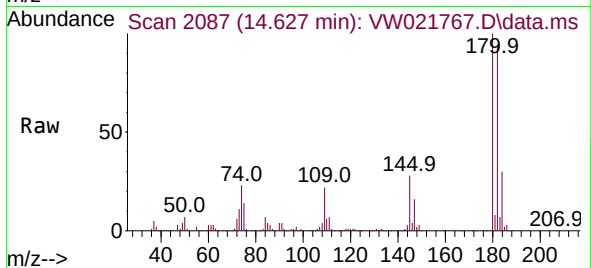




#69
1,3,5-Trichlorobenzene
Concen: 23.808 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

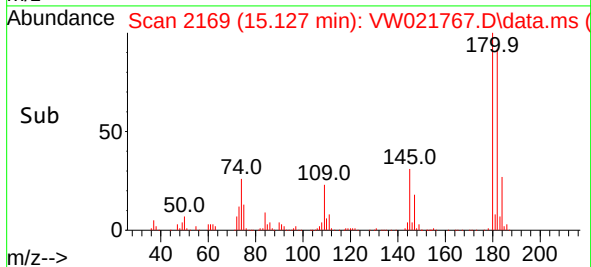
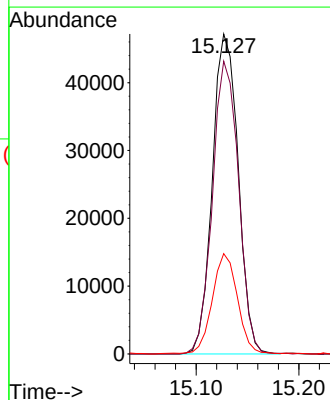
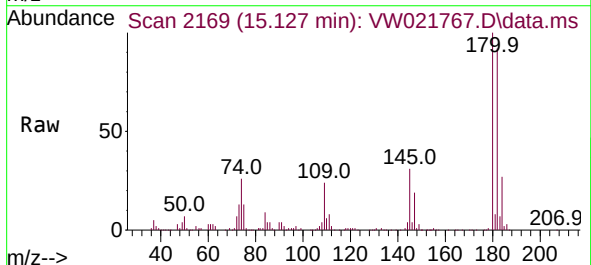
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

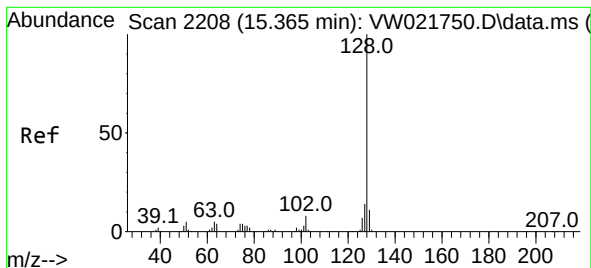
Tgt Ion:180 Resp: 101436
Ion Ratio Lower Upper
180 100
182 96.5 75.4 113.0
184 30.9 23.8 35.8
145 30.8 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 24.197 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021767.D
Acq: 06 Jan 2022 19:08

Tgt Ion:180 Resp: 82293
Ion Ratio Lower Upper
180 100
182 92.5 79.0 118.6
145 30.6 26.0 39.0





#71

Naphthalene

Concen: 29.403 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

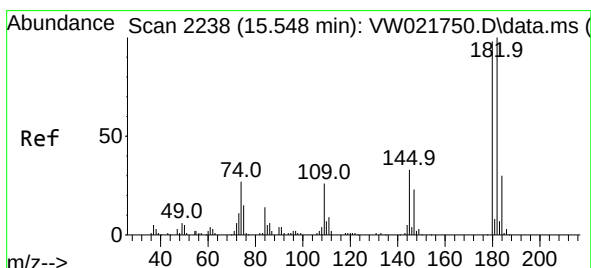
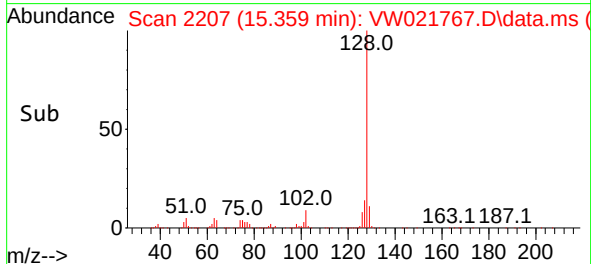
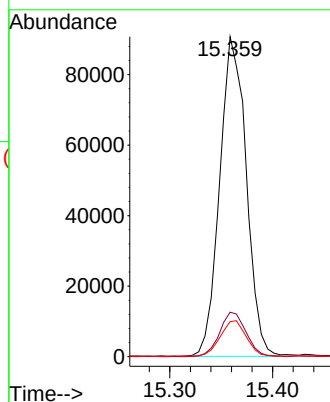
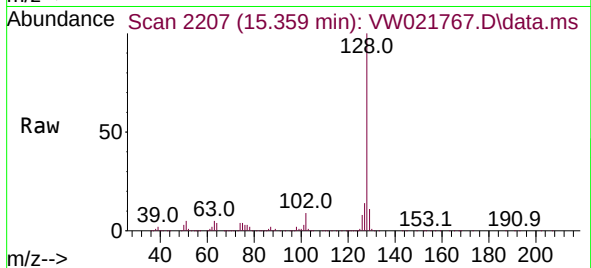
Tgt Ion:128 Resp: 162698

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.544 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021767.D

Acq: 06 Jan 2022 19:08

Tgt Ion:180 Resp: 61676

Ion Ratio Lower Upper

180 100

182 102.4 76.6 114.8

145 36.1 27.4 41.0

