

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022012.D
 Acq On : 01 Feb 2022 17:44
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV455

Quant Time: Feb 02 00:58:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 00:47:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	165048	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	154584	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82723	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	48355	24.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.280%
7) Chloroethane-d5	2.885	69	36405	23.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	4.019	63	79993	22.774	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.080%
21) 2-Butanone-d5	7.086	46	19685	55.824	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.640%
24) Chloroform-d	7.647	84	93203	24.272	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.305	65	46824	24.509	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.275	84	182264	23.332	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	9.275	67	49083	23.100	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.400%
41) Toluene-d8	10.323	98	181967	23.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	10.579	79	22969	24.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.720%
47) 2-Hexanone-d5	10.921	63	17715	57.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.680%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	44980	25.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	72736	24.374	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	11928	31.027	ug/L	97
3) Chloromethane	2.215	50	42563	24.539	ug/L	99
5) Vinyl chloride	2.361	62	57415	23.047	ug/L	97
6) Bromomethane	2.776	94	47502	22.423	ug/L	96
8) Chloroethane	2.922	64	31276	24.431	ug/L	98
9) Trichlorofluoromethane	3.263	101	39023	20.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	46931	23.552	ug/L	98
12) 1,1-Dichloroethene	4.044	96	44070	23.965	ug/L	88
13) Acetone	4.135	43	17586	53.400	ug/L	75
14) Carbon disulfide	4.385	76	126948	23.667	ug/L	96
15) Methyl Acetate	4.678	43	16315	27.091	ug/L #	87
16) Methylene chloride	4.916	84	45522	23.670	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	50208	24.484	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	70848	26.945	ug/L	99
19) 1,1-Dichloroethane	6.220	63	76676	24.134	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	53666	25.503	ug/L	93
22) 2-Butanone	7.177	43	24517	57.499	ug/L	100
23) Bromochloromethane	7.513	128	26154	25.241	ug/L	92
25) Chloroform	7.677	83	87551	24.345	ug/L	95

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 Response via : Initial Calibration

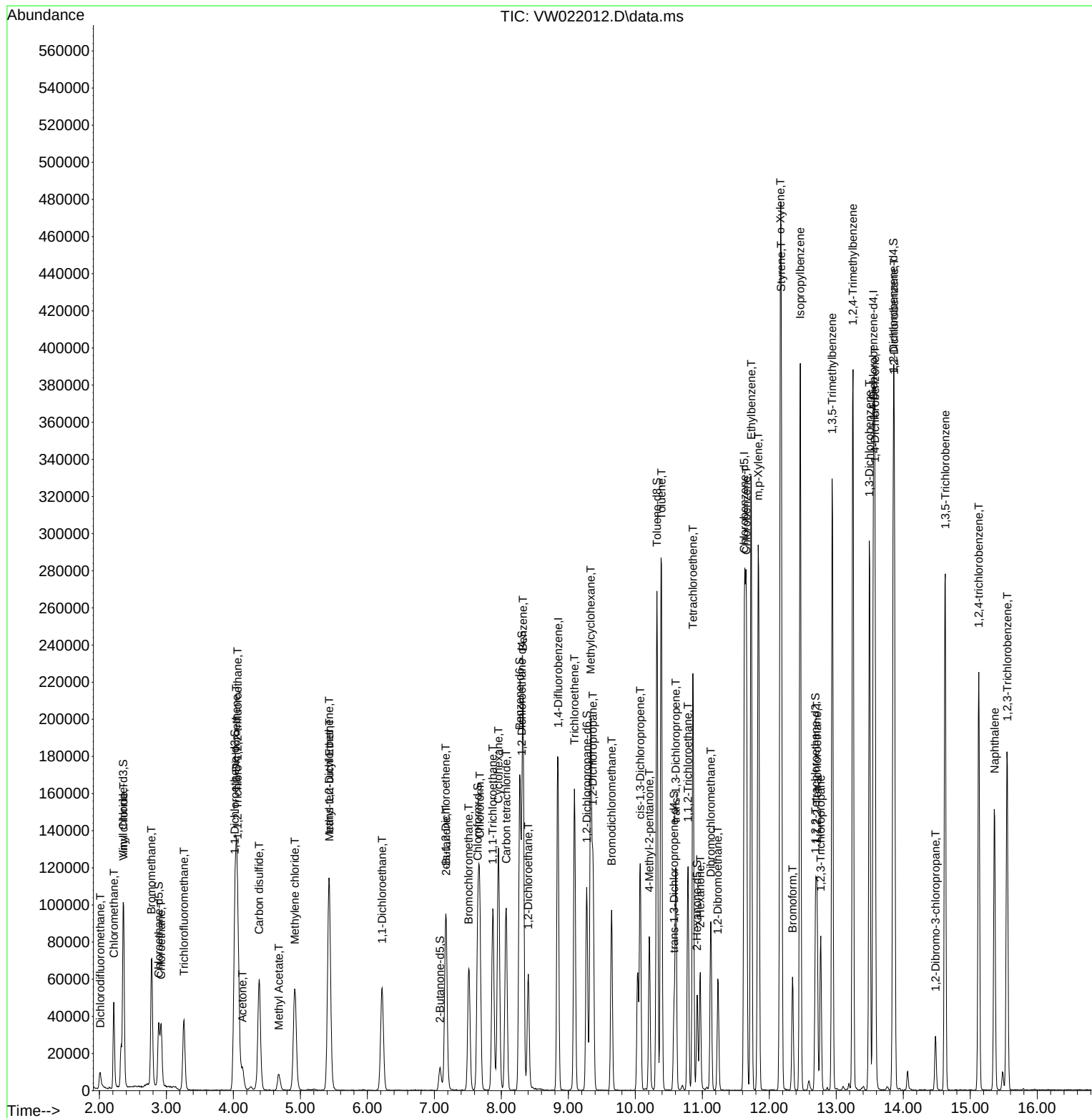
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27) 1,2-Dichloroethane	8.403	62	54868	25.919	ug/L	98
29) Cyclohexane	7.958	56	70383	23.195	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	79615	23.272	ug/L	99
31) Carbon tetrachloride	8.074	117	77121	23.032	ug/L	97
33) Benzene	8.323	78	187592	23.145	ug/L	100
34) Trichloroethene	9.092	95	54170	23.508	ug/L	99
35) Methylcyclohexane	9.335	83	88648	22.802	ug/L	98
37) 1,2-Dichloropropane	9.366	63	42635	23.951	ug/L	100
38) Bromodichloromethane	9.646	83	62147	24.447	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	72603	25.429	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	49430	56.596	ug/L	100
42) Toluene	10.390	91	218943	23.831	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	64465	26.191	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	38124	25.197	ug/L	98
46) Tetrachloroethene	10.860	164	49591	23.088	ug/L	94
48) 2-Hexanone	10.969	43	36670	56.409	ug/L	98
49) Dibromochloromethane	11.128	129	48361	25.383	ug/L	95
50) 1,2-Dibromoethane	11.232	107	37439	24.993	ug/L	96
51) Chlorobenzene	11.658	112	152553	24.398	ug/L	96
52) Ethylbenzene	11.731	91	243256	23.998	ug/L	99
53) m,p-Xylene	11.835	106	102206	24.302	ug/L	100
54) o-Xylene	12.164	106	96043	24.412	ug/L	94
55) Styrene	12.176	104	155898	24.532	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	44385	26.951	ug/L	95
59) Bromoform	12.347	173	27377	25.058	ug/L #	98
60) Isopropylbenzene	12.463	105	257217	23.799	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31462	26.107	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	182400	25.446	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	219637	25.150	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	130288	25.161	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	126449	24.395	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	110895	24.095	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6859	27.975	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	90432	24.290	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	73891	24.987	ug/L	97
71) Naphthalene	15.365	128	134767	27.933	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	65257	25.818	ug/L	95

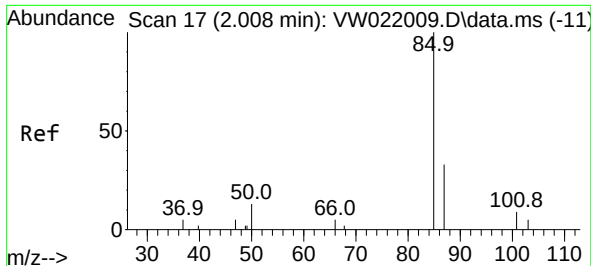
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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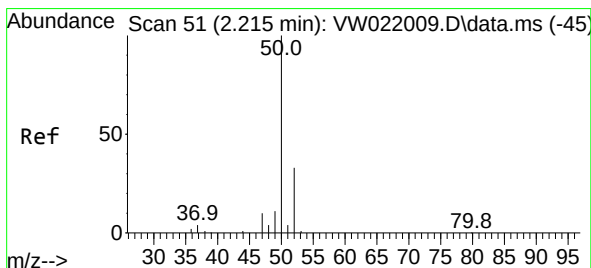
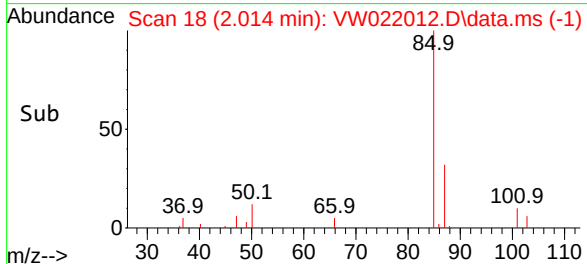
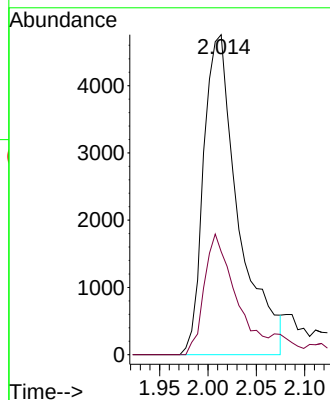
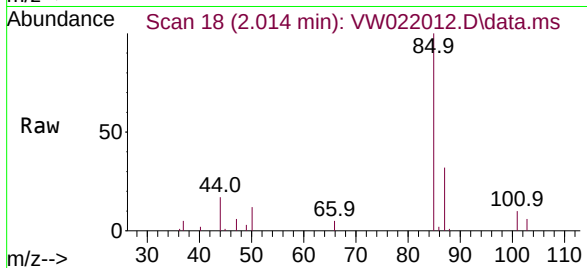




#2
Dichlorodifluoromethane
Concen: 31.027 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

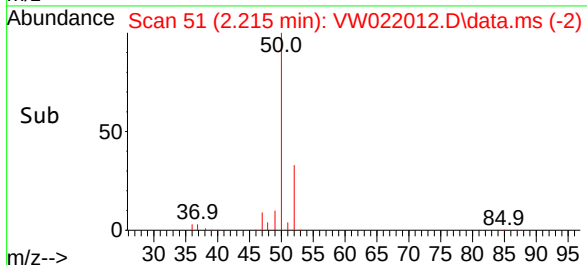
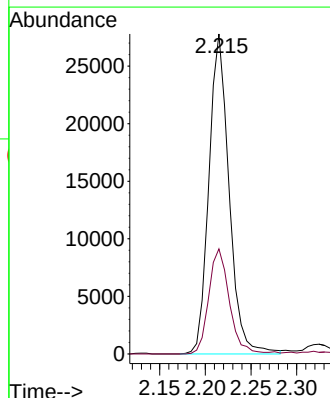
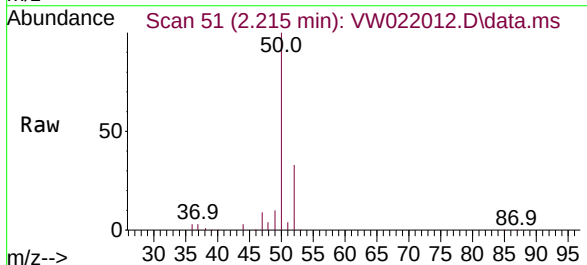
Instrument :
MSVOA_W
ClientSampleId :
VICV455

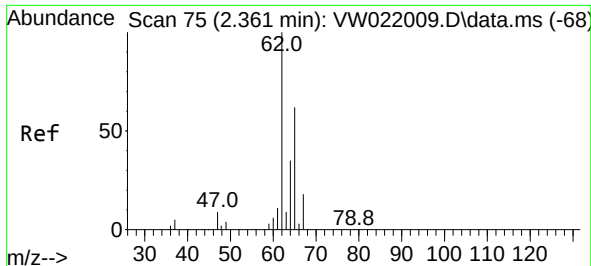
Tgt Ion: 85 Resp: 11928
Ion Ratio Lower Upper
85 100
87 34.3 26.2 39.4



#3
Chloromethane
Concen: 24.539 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion: 50 Resp: 42563
Ion Ratio Lower Upper
50 100
52 32.8 23.3 43.3

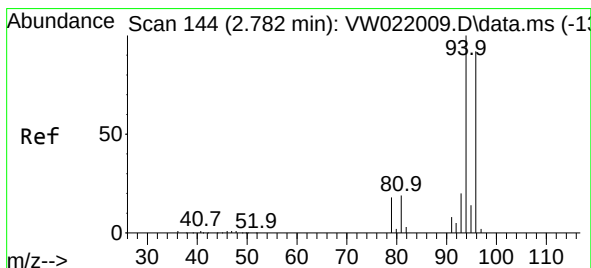
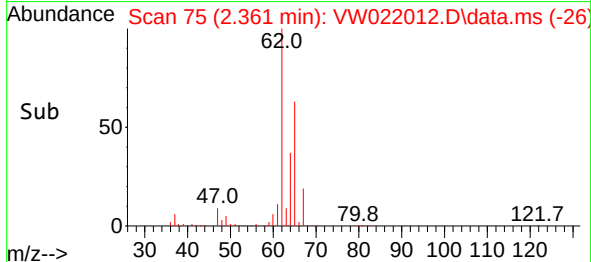
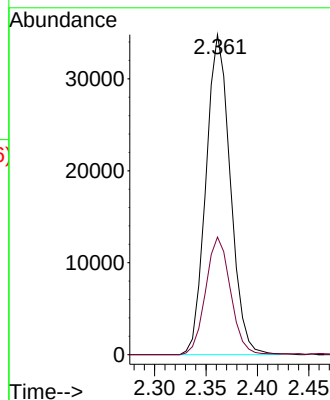
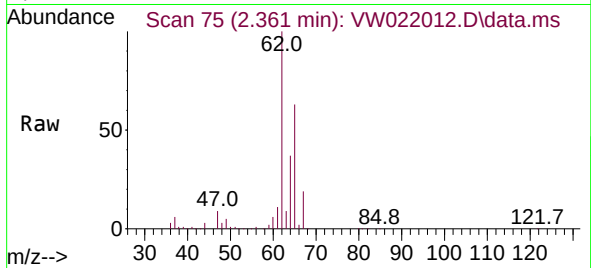




#5
 Vinyl chloride
 Concen: 23.047 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW022012.D
 Acq: 01 Feb 2022 17:44

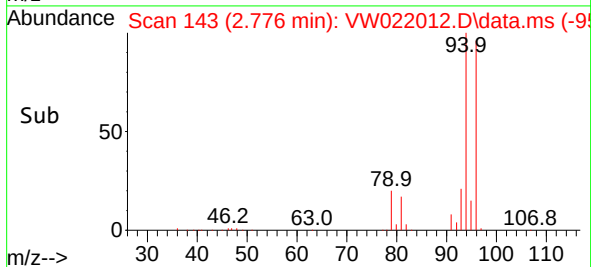
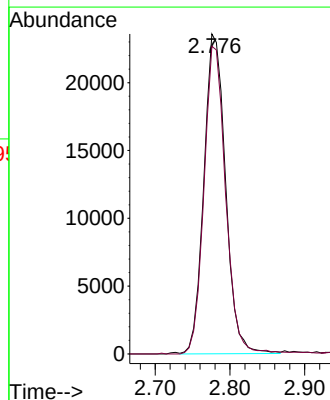
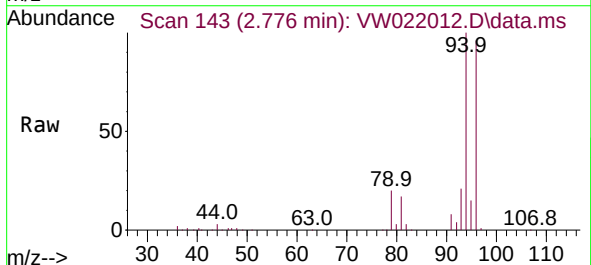
Instrument :
 MSVOA_W
 ClientSampleId :
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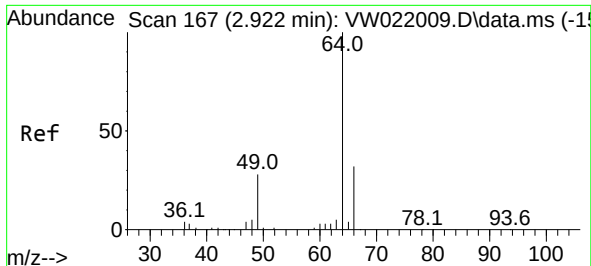
Tgt Ion: 62 Resp: 57415
 Ion Ratio Lower Upper
 62 100
 64 36.7 24.6 45.6



#6
 Bromomethane
 Concen: 22.423 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022012.D
 Acq: 01 Feb 2022 17:44

Tgt Ion: 94 Resp: 47502
 Ion Ratio Lower Upper
 94 100
 96 96.1 64.6 120.0





#8

Chloroethane

Concen: 24.431 ug/L

RT: 2.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

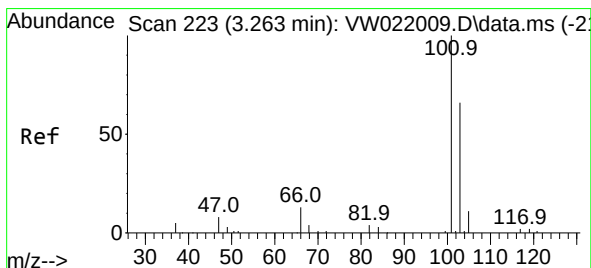
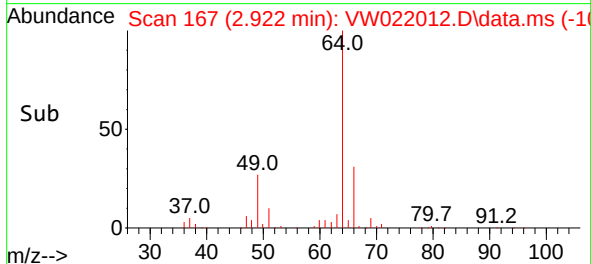
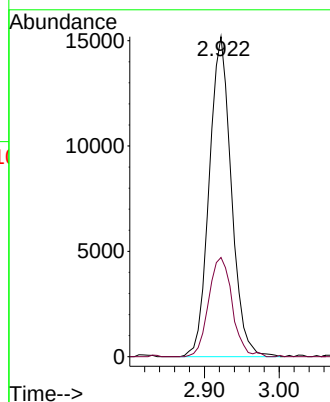
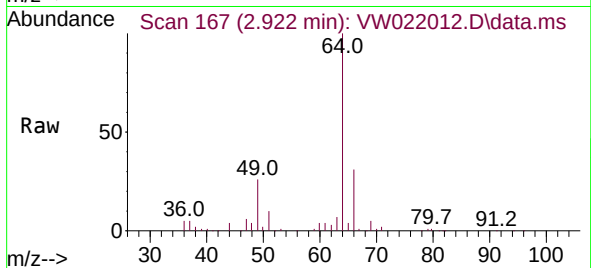
VICV455

Tgt Ion: 64 Resp: 31276

Ion Ratio Lower Upper

64 100

66 31.0 22.3 41.5



#9

Trichlorofluoromethane

Concen: 20.749 ug/L

RT: 3.263 min Scan# 223

Delta R.T. -0.000 min

Lab File: VW022012.D

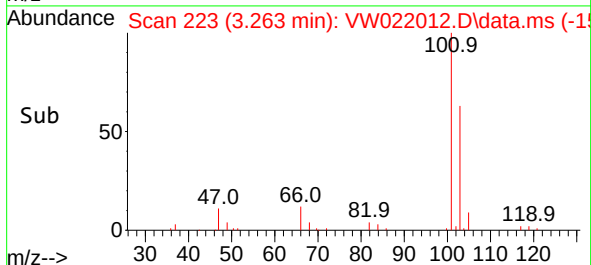
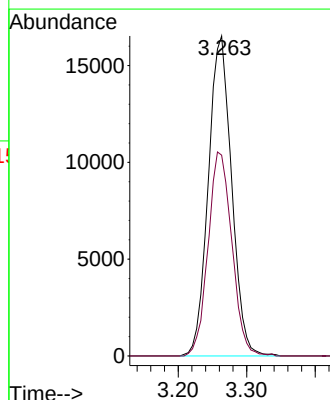
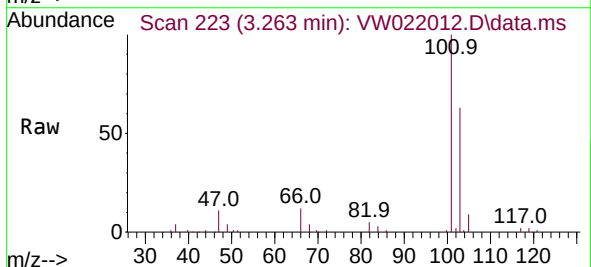
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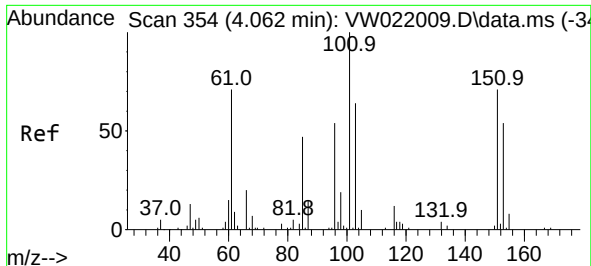
Tgt Ion:101 Resp: 39023

Ion Ratio Lower Upper

101 100

103 65.0 52.9 79.3

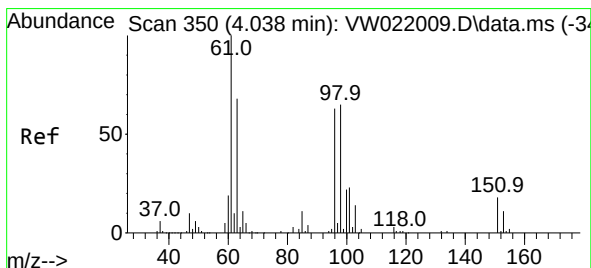
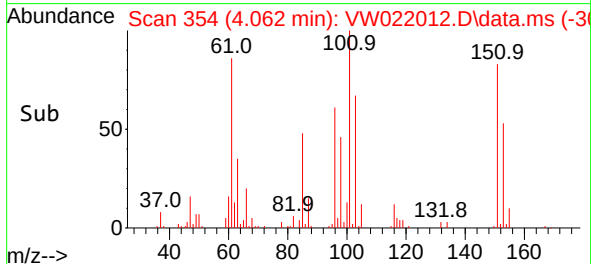
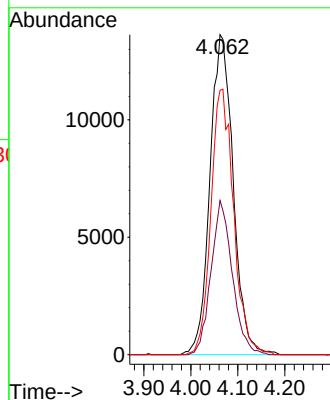
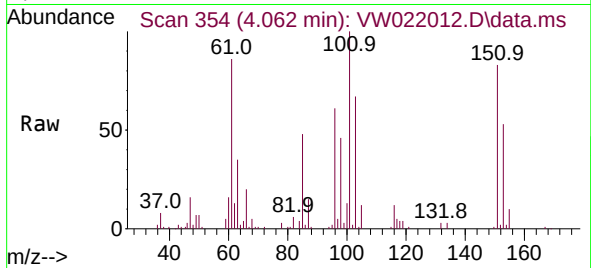




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.552 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022012.D
 Acq: 01 Feb 2022 17:44

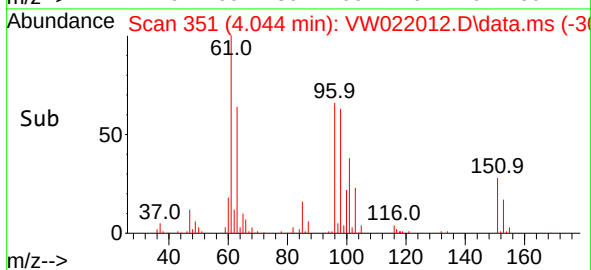
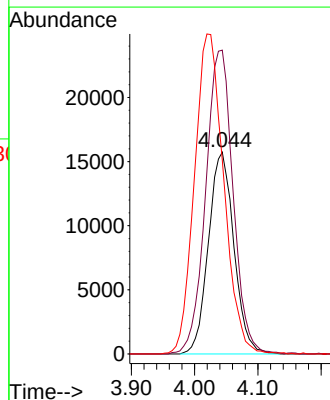
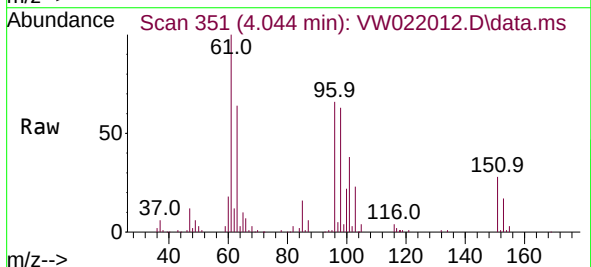
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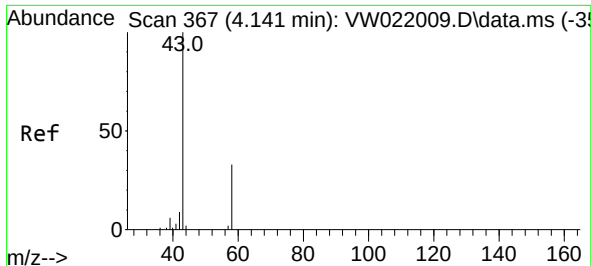
Tgt Ion:101 Resp: 46931
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.8 55.2
 151 81.0 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 23.965 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022012.D
 Acq: 01 Feb 2022 17:44

Tgt Ion: 96 Resp: 44070
 Ion Ratio Lower Upper
 96 100
 61 150.6 111.5 207.1
 63 96.2 83.1 154.3





#13

Acetone

Concen: 53.400 ug/L

RT: 4.135 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

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ClientSampleId :

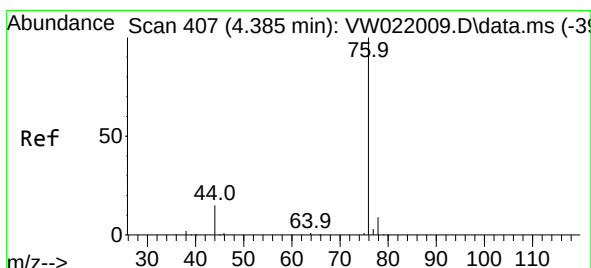
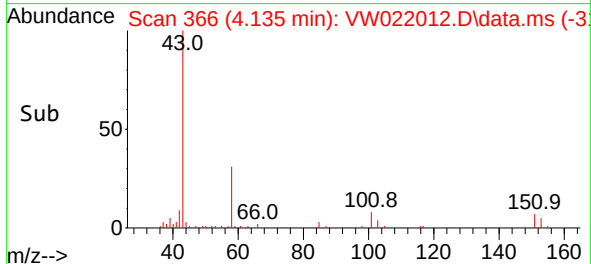
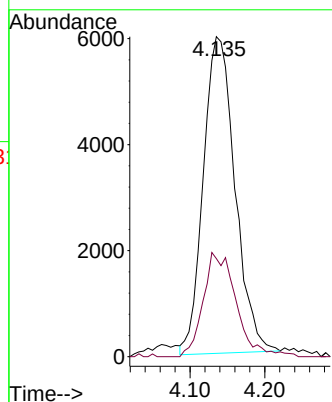
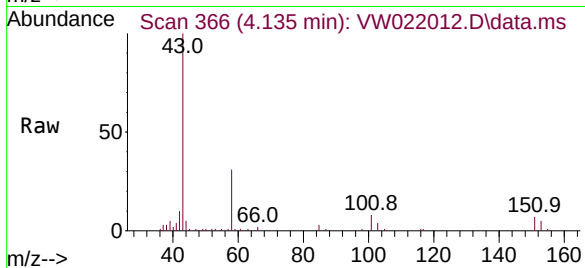
VICV455

Tgt Ion: 43 Resp: 17586

Ion Ratio Lower Upper

43 100

58 19.1 0.0 66.0



#14

Carbon disulfide

Concen: 23.667 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW022012.D

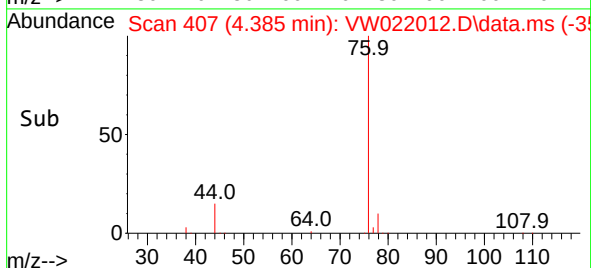
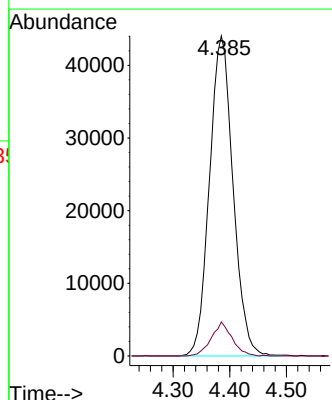
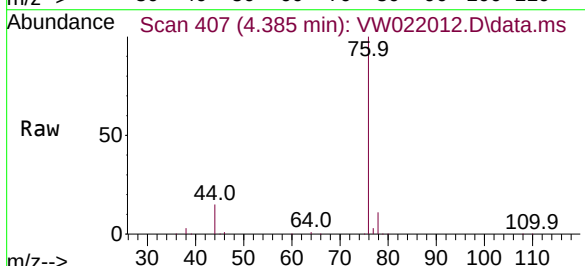
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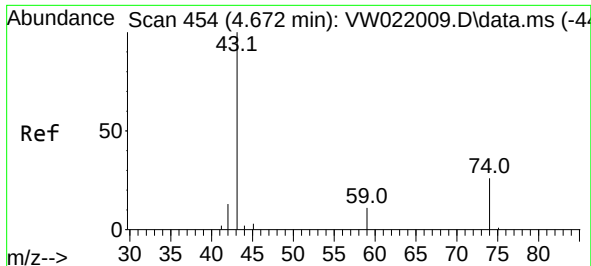
Tgt Ion: 76 Resp: 126948

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.2

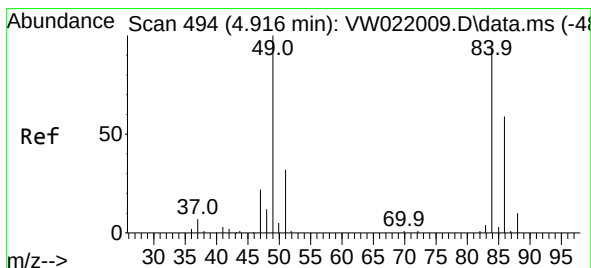
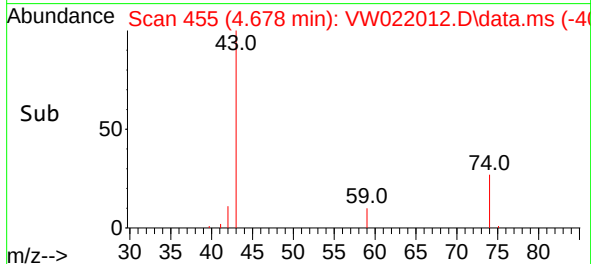
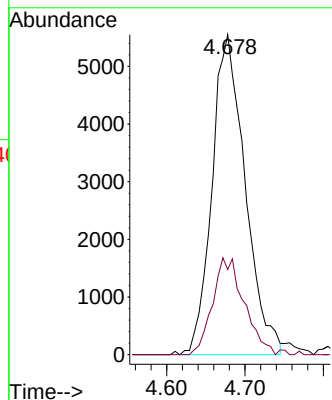
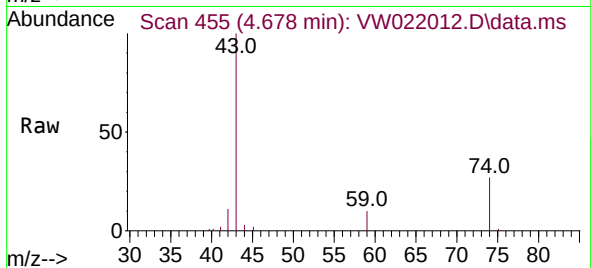




#15
Methyl Acetate
Concen: 27.091 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

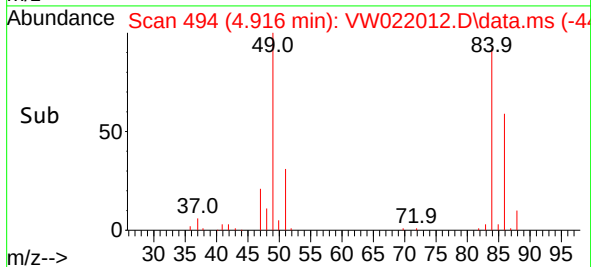
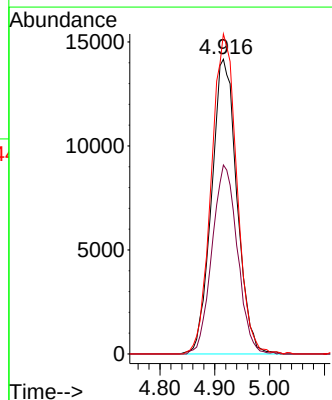
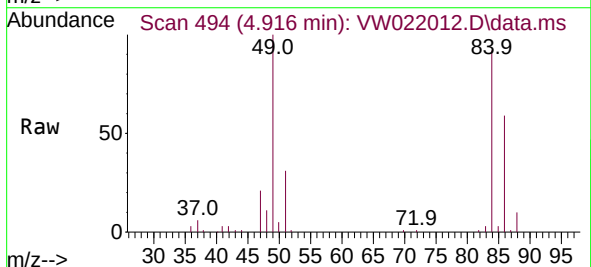
Instrument :
MSVOA_W
ClientSampleId :
VICV455

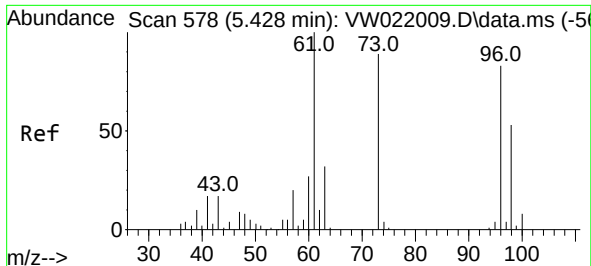
Tgt Ion: 43 Resp: 16315
Ion Ratio Lower Upper
43 100
74 28.8 18.0 27.0#



#16
Methylene chloride
Concen: 23.670 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion: 84 Resp: 45522
Ion Ratio Lower Upper
84 100
86 64.1 44.1 81.9
49 108.6 74.7 138.7





#17

trans-1,2-Dichloroethene

Concen: 24.484 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

VICV455

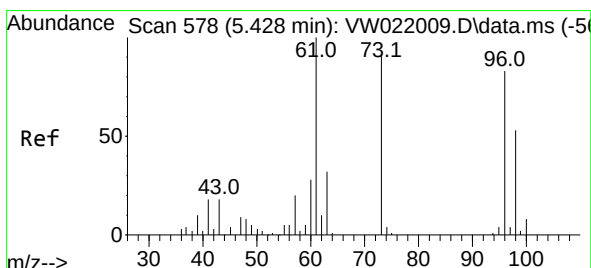
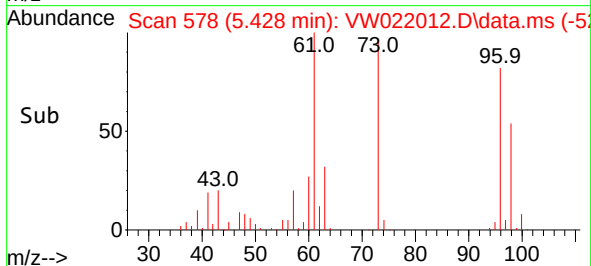
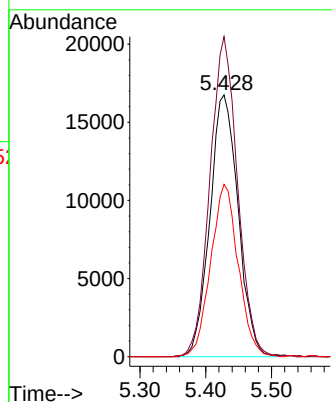
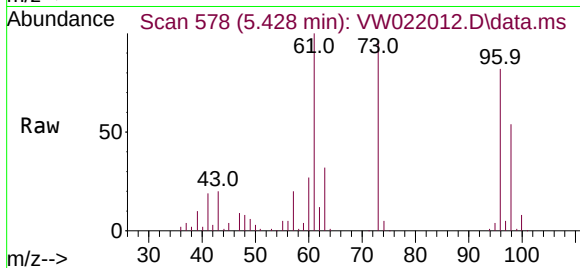
Tgt Ion: 96 Resp: 50208

Ion Ratio Lower Upper

96 100

61 122.3 84.3 156.5

98 65.9 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 26.945 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

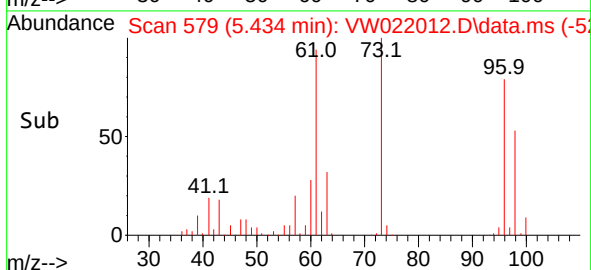
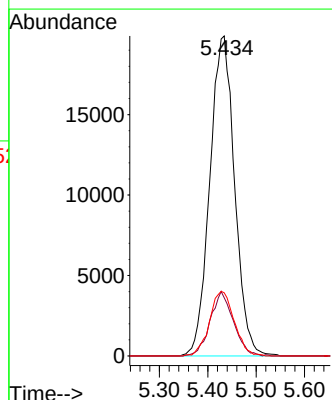
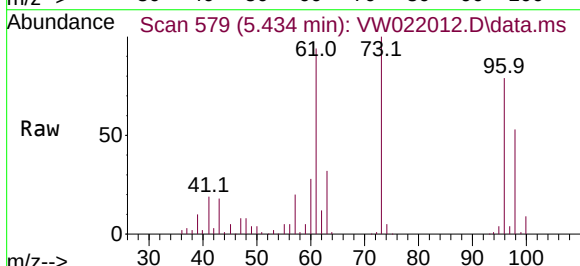
Tgt Ion: 73 Resp: 70848

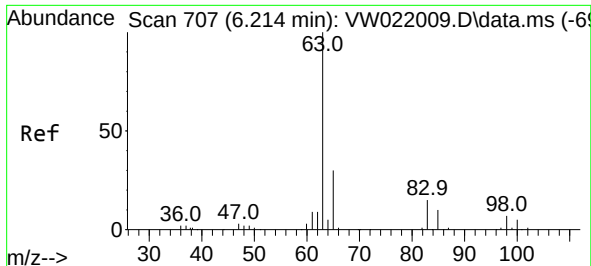
Ion Ratio Lower Upper

73 100

43 18.8 15.3 22.9

57 19.5 16.3 24.5

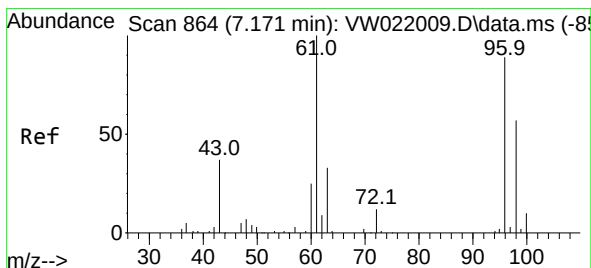
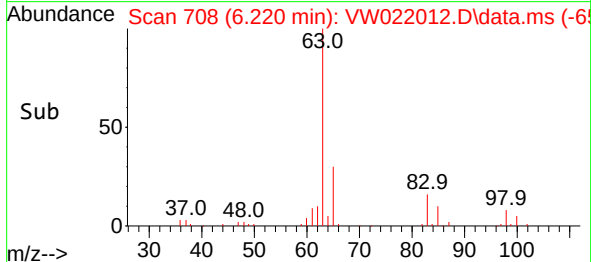
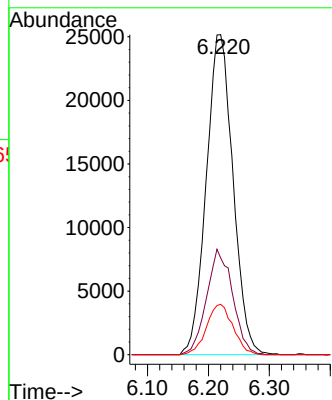
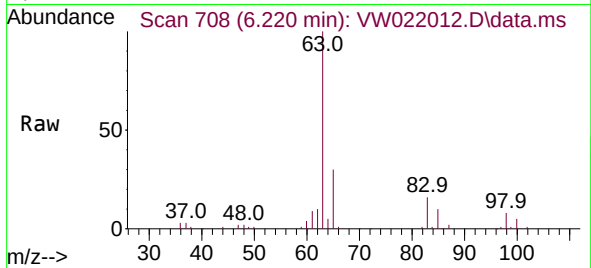




#19
1,1-Dichloroethane
Concen: 24.134 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

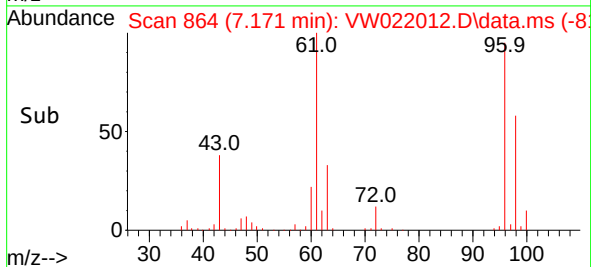
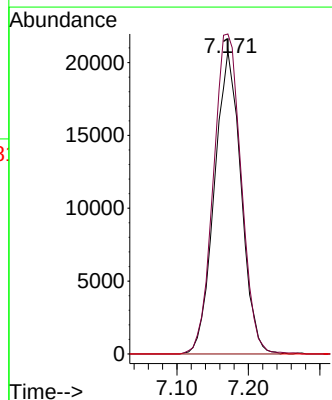
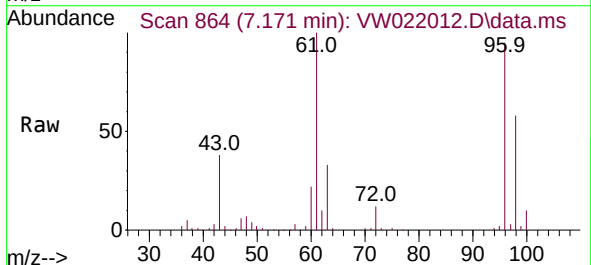
Instrument :
MSVOA_W
ClientSampleId :
VICV455

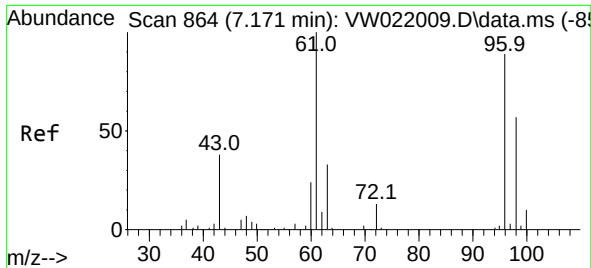
Tgt Ion: 63 Resp: 76676
Ion Ratio Lower Upper
63 100
65 30.2 20.9 38.7
83 15.8 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 25.503 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion: 96 Resp: 53666
Ion Ratio Lower Upper
96 100
61 105.7 79.0 146.8
68 0.0 0.0 0.0

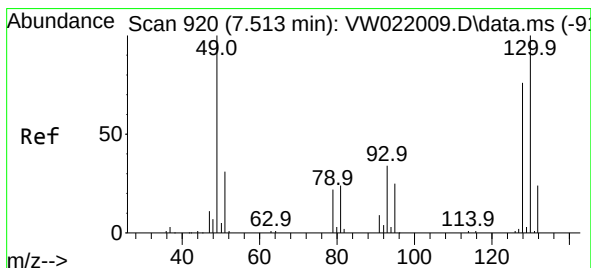
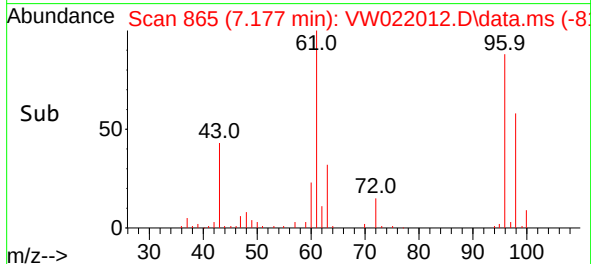
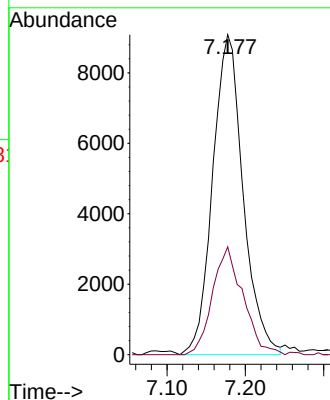
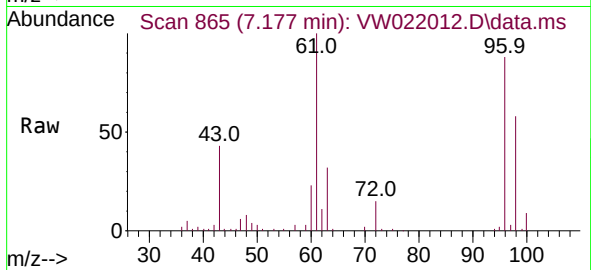




#22
2-Butanone
Concen: 57.499 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

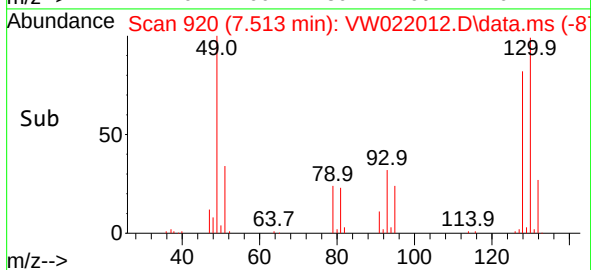
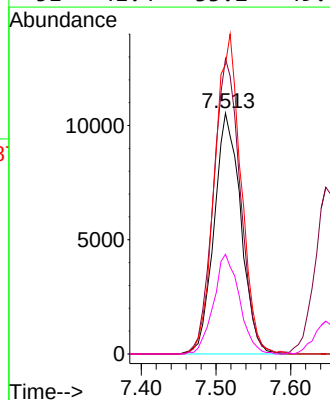
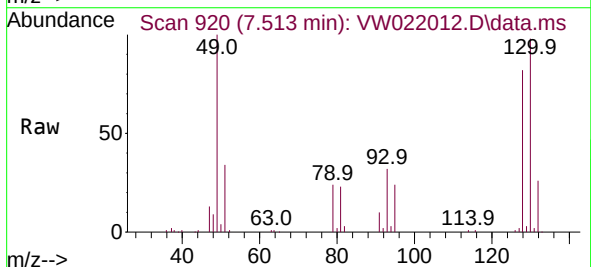
Instrument :
MSVOA_W
ClientSampleId :
VICV455

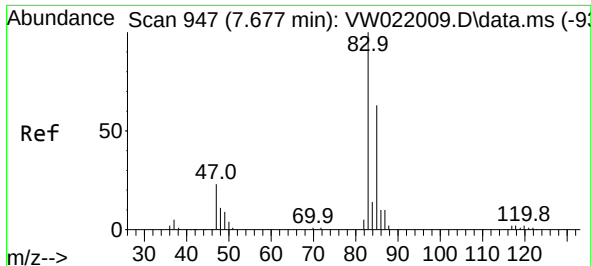
Tgt Ion: 43 Resp: 24517
Ion Ratio Lower Upper
43 100
72 33.8 16.8 50.4



#23
Bromochloromethane
Concen: 25.241 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion: 128 Resp: 26154
Ion Ratio Lower Upper
128 100
49 122.6 92.7 172.3
130 120.2 92.5 171.7
51 41.4 33.2 49.8

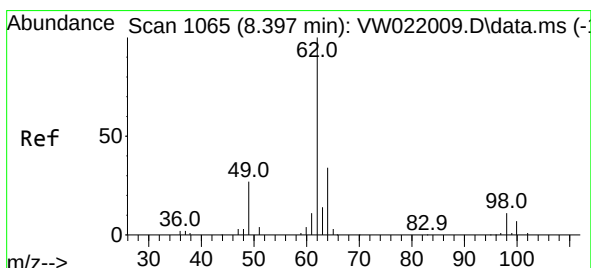
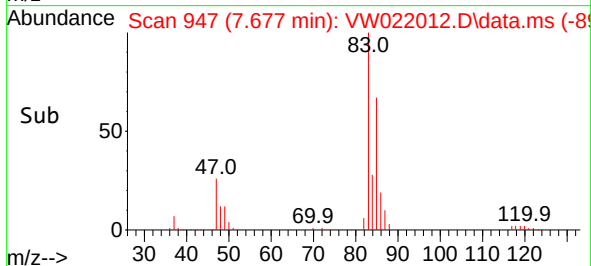
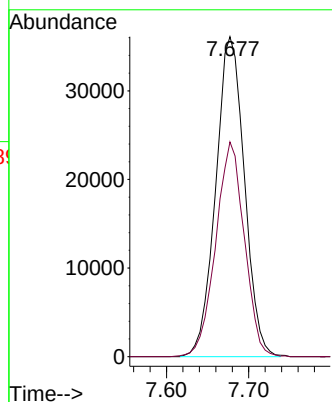
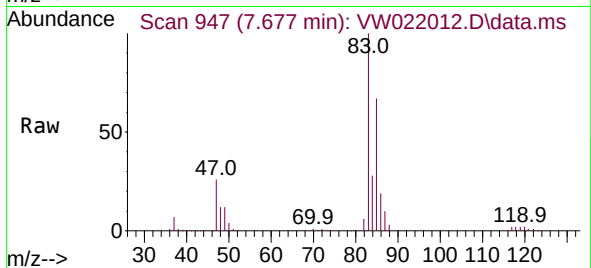




#25
Chloroform
Concen: 24.345 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

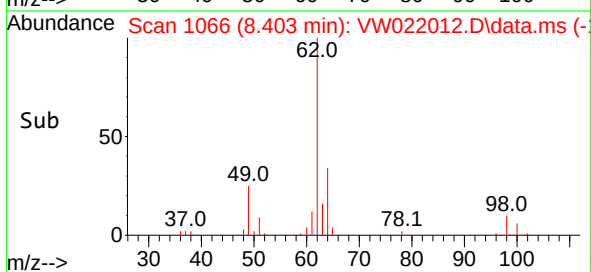
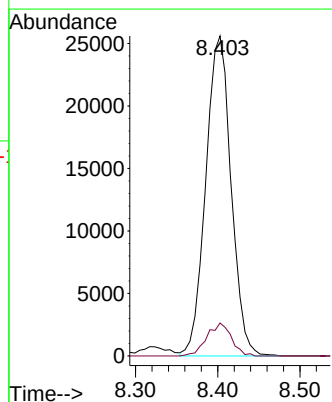
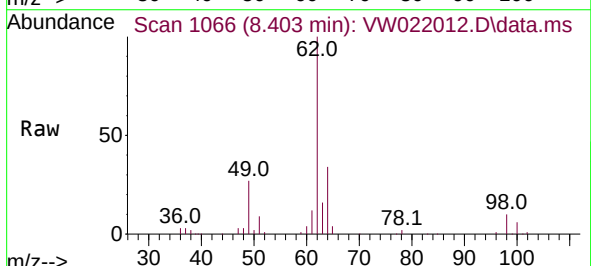
Instrument :
MSVOA_W
ClientSampleId :
VICV455

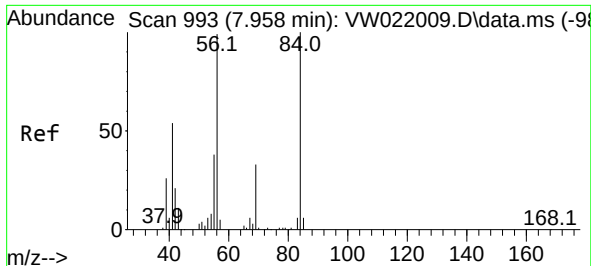
Tgt Ion: 83 Resp: 87551
Ion Ratio Lower Upper
83 100
85 67.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 25.919 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion: 62 Resp: 54868
Ion Ratio Lower Upper
62 100
98 10.3 8.8 13.2





#29

Cyclohexane

Concen: 23.195 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

VICV455

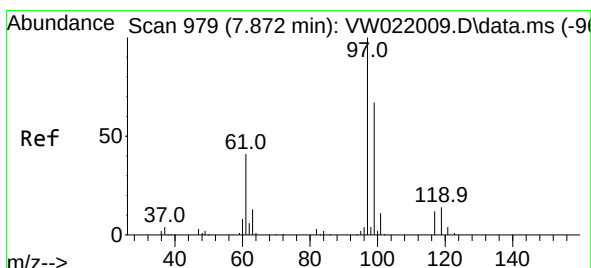
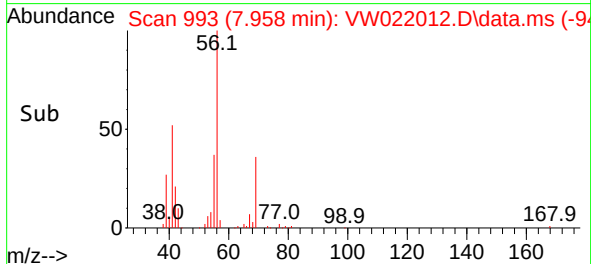
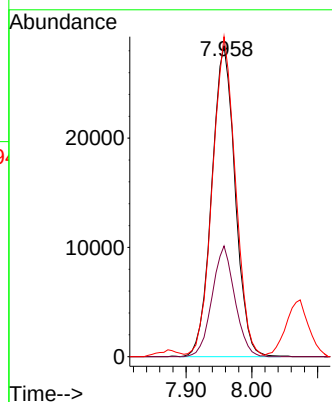
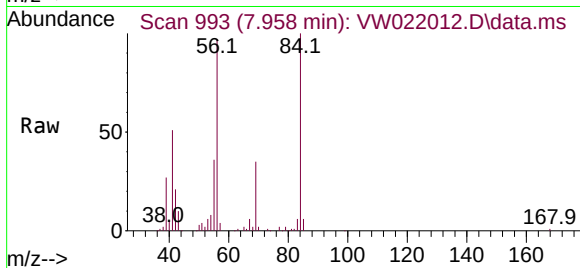
Tgt Ion: 56 Resp: 70383

Ion Ratio Lower Upper

56 100

69 34.5 26.3 39.5

84 101.7 82.3 123.5



#30

1,1,1-Trichloroethane

Concen: 23.272 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

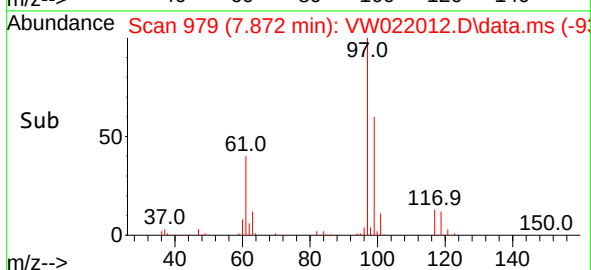
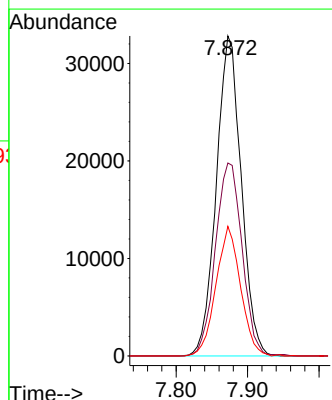
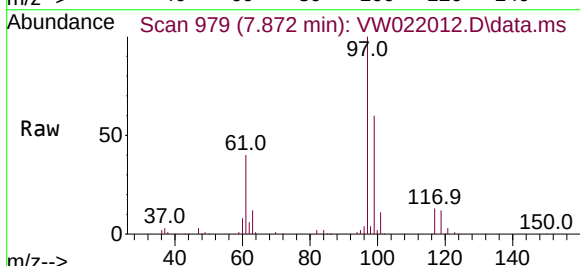
Tgt Ion: 97 Resp: 79615

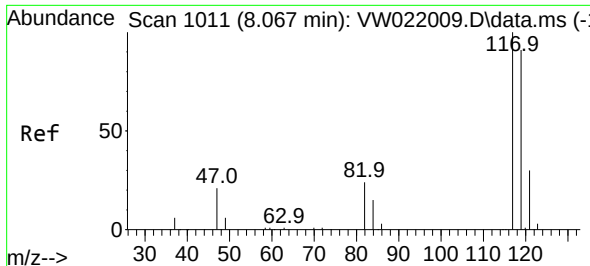
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 39.8 32.3 48.5

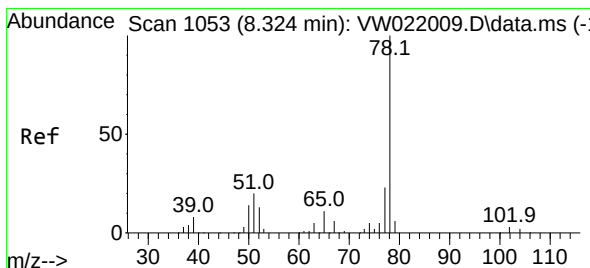
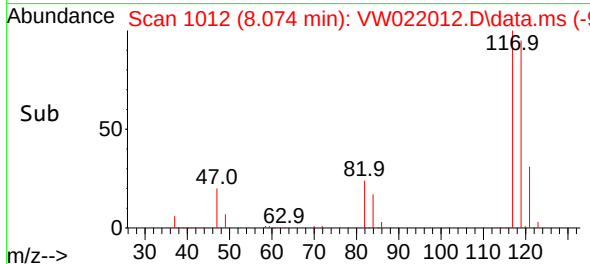
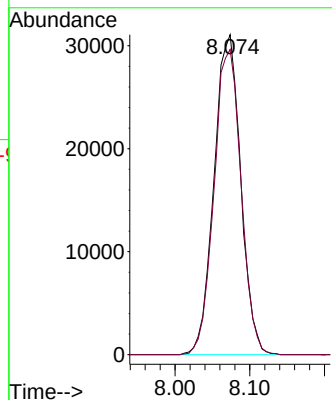
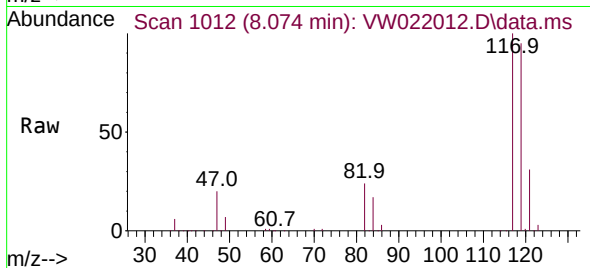




#31
Carbon tetrachloride
Concen: 23.032 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

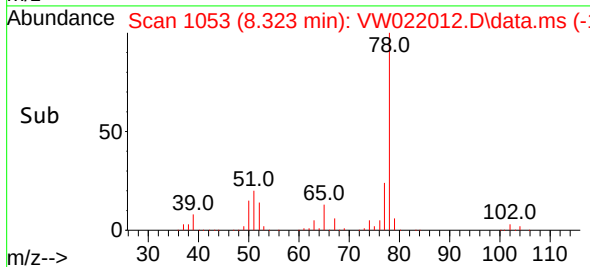
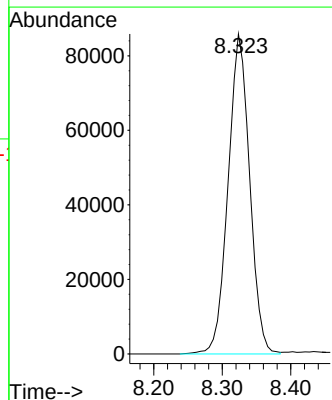
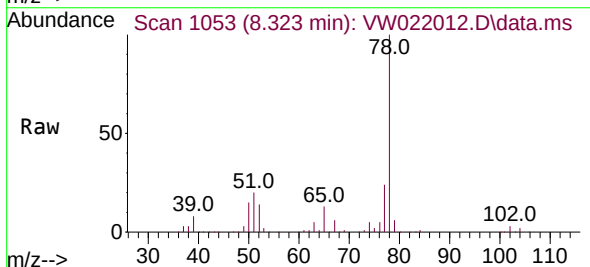
Instrument :
MSVOA_W
ClientSampleId :
VICV455

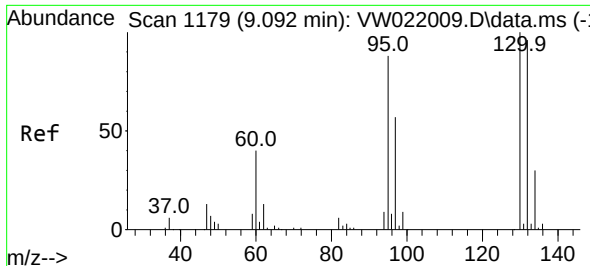
Tgt Ion:117 Resp: 77121
Ion Ratio Lower Upper
117 100
119 96.6 74.7 112.1



#33
Benzene
Concen: 23.145 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion: 78 Resp: 187592



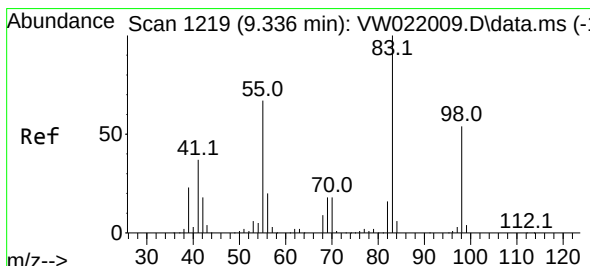
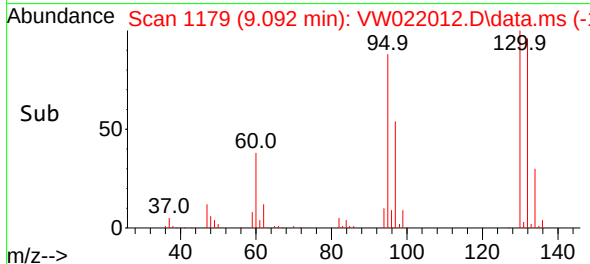
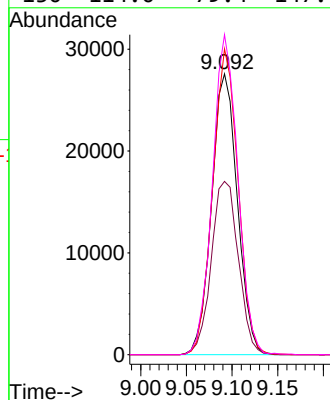
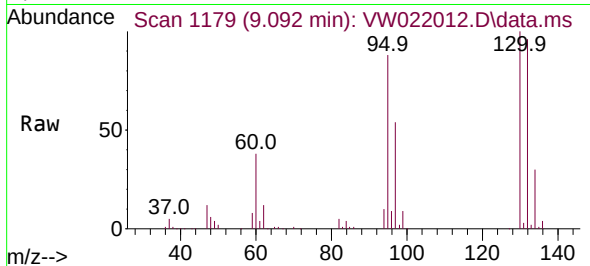


#34
Trichloroethene
Concen: 23.508 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Instrument :
MSVOA_W
ClientSampleId :
VICV455

Tgt Ion: 95 Resp: 54170

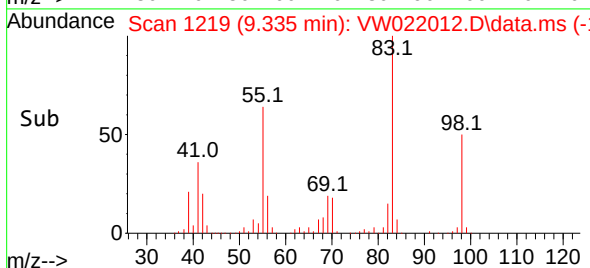
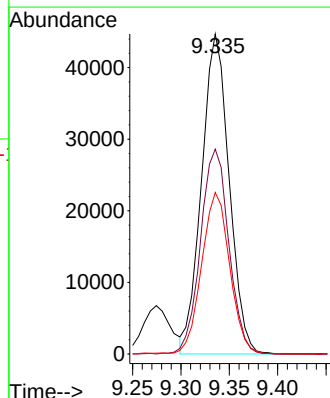
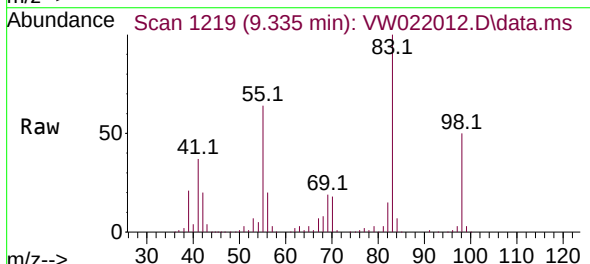
Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.1	83.7
132	108.9	76.1	141.3
130	114.0	79.4	147.4

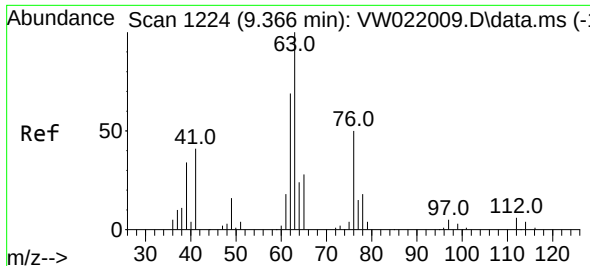


#35
Methylcyclohexane
Concen: 22.802 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion: 83 Resp: 88648

Ion	Ratio	Lower	Upper
83	100		
55	65.7	53.4	80.2
98	51.4	42.6	63.8





#37

1,2-Dichloropropane

Concen: 23.951 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

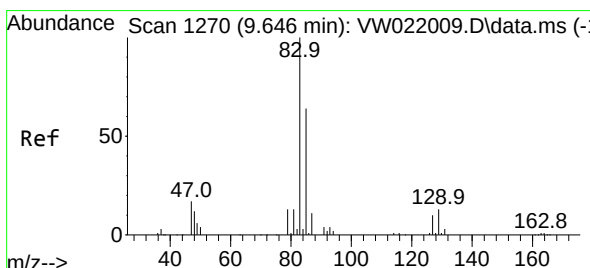
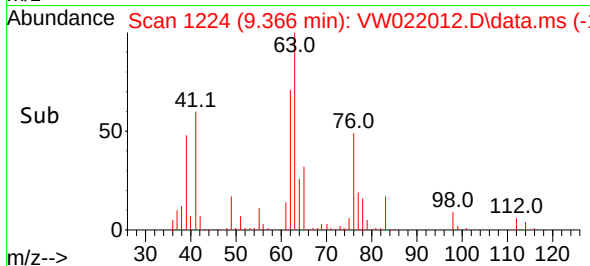
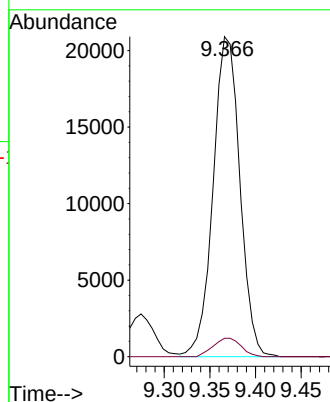
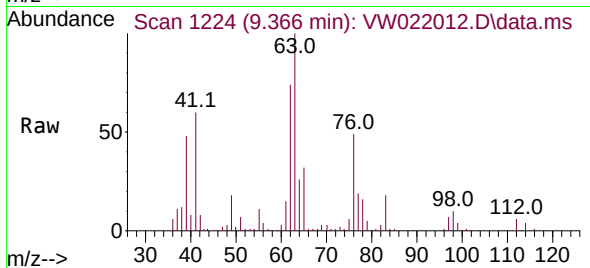
VICV455

Tgt Ion: 63 Resp: 42635

Ion Ratio Lower Upper

63 100

112 6.0 4.7 7.1



#38

Bromodichloromethane

Concen: 24.447 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

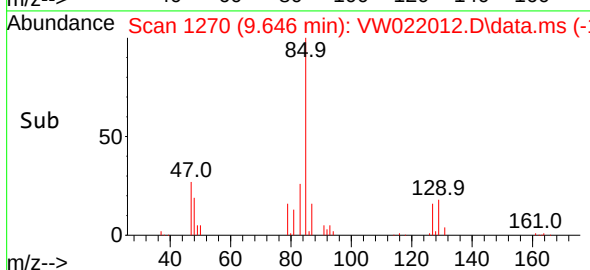
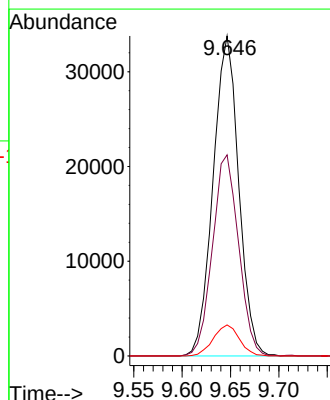
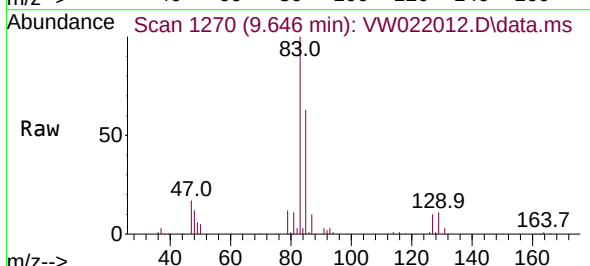
Tgt Ion: 83 Resp: 62147

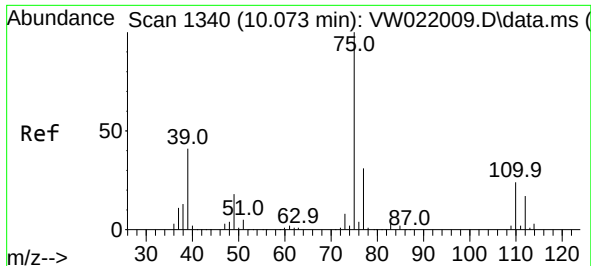
Ion Ratio Lower Upper

83 100

85 62.9 44.7 83.1

127 9.7 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 25.429 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

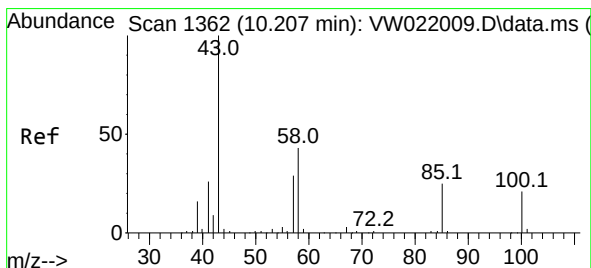
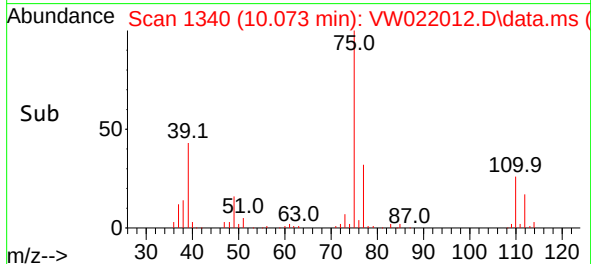
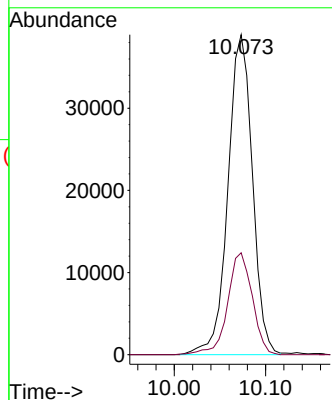
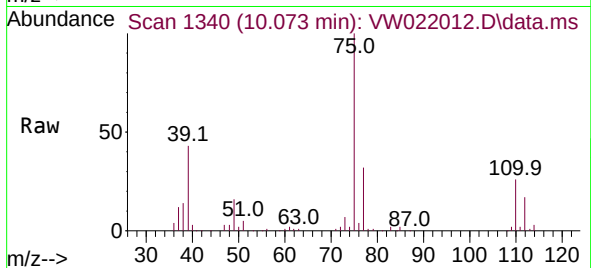
VICV455

Tgt Ion: 75 Resp: 72603

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 56.596 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

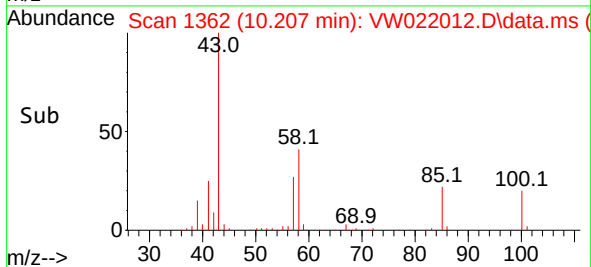
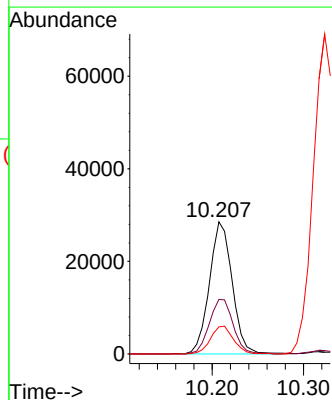
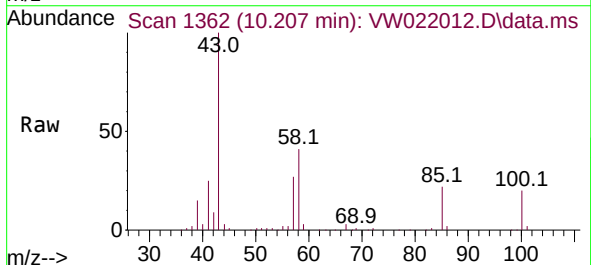
Tgt Ion: 43 Resp: 49430

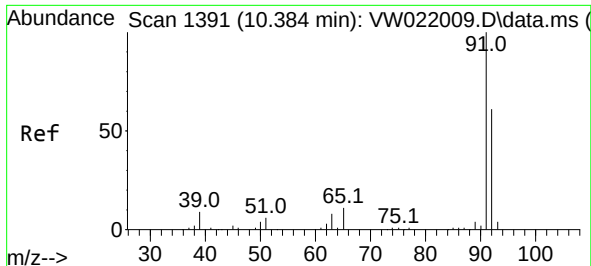
Ion Ratio Lower Upper

43 100

58 43.1 34.4 51.6

100 21.2 17.0 25.4

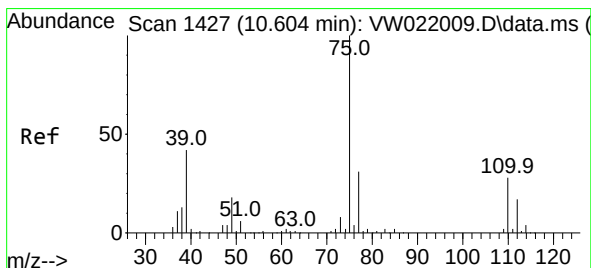
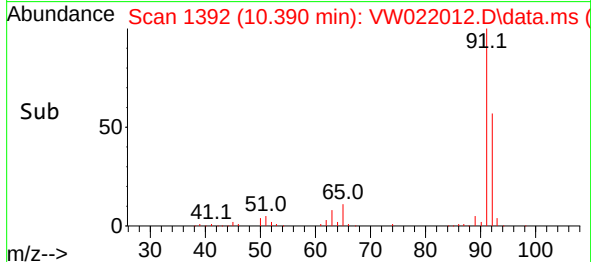
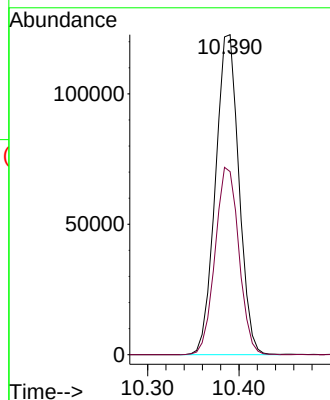
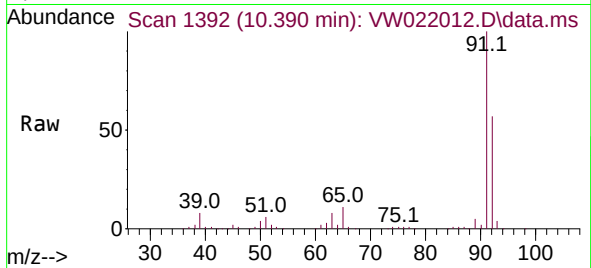




#42
Toluene
Concen: 23.831 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

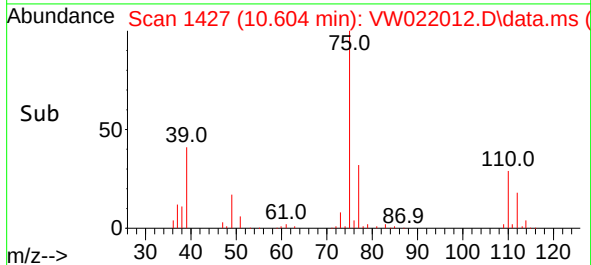
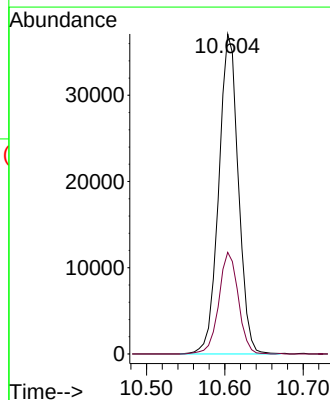
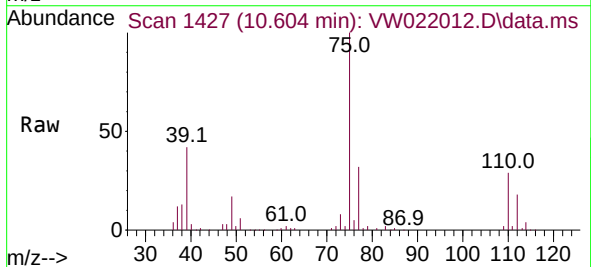
Instrument :
MSVOA_W
ClientSampleId :
VICV455

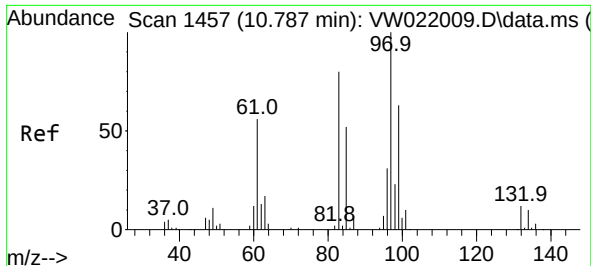
Tgt Ion: 91 Resp: 218943
Ion Ratio Lower Upper
91 100
92 57.2 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 26.191 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion: 75 Resp: 64465
Ion Ratio Lower Upper
75 100
77 31.8 22.1 41.1

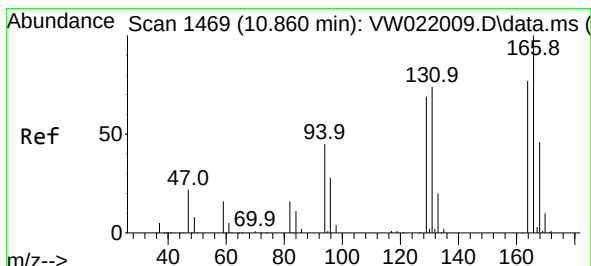
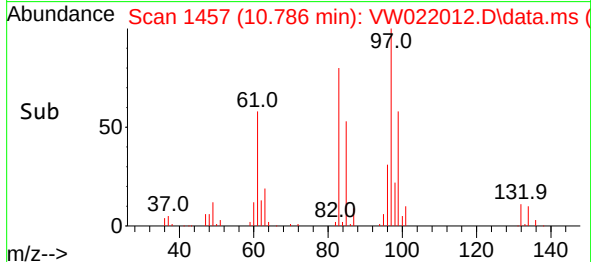
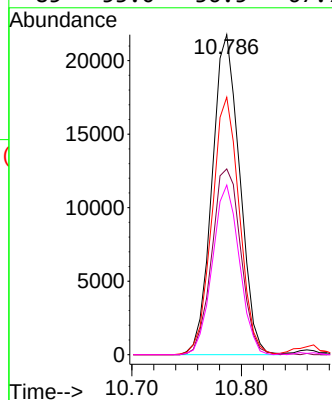
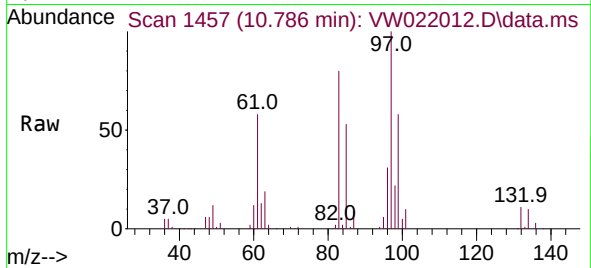




#45
1,1,2-Trichloroethane
Concen: 25.197 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

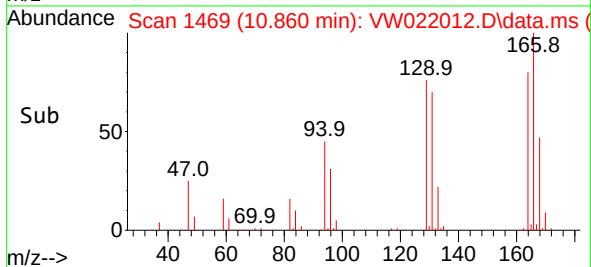
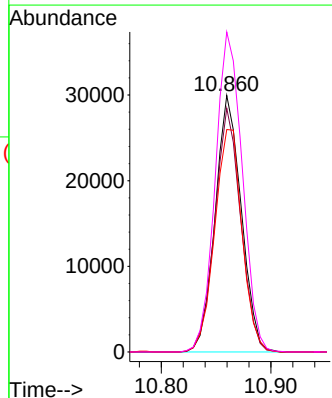
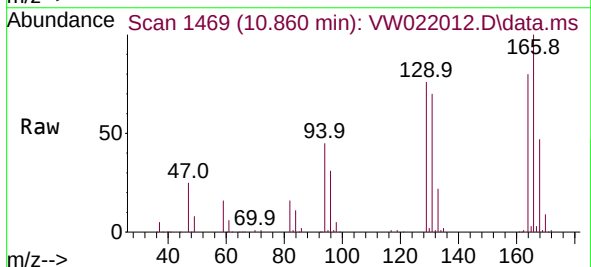
Instrument :
MSVOA_W
ClientSampleId :
VICV455

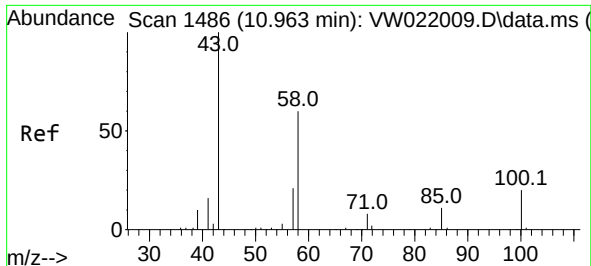
Tgt Ion:	97	Resp:	38124
Ion	Ratio	Lower	Upper
97	100		
99	58.1	43.8	81.4
83	80.4	56.1	104.3
85	53.0	36.5	67.7



#46
Tetrachloroethene
Concen: 23.088 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion:	164	Resp:	49591
Ion	Ratio	Lower	Upper
164	100		
129	95.1	62.6	116.2
131	86.7	67.1	124.7
166	124.8	91.1	169.1

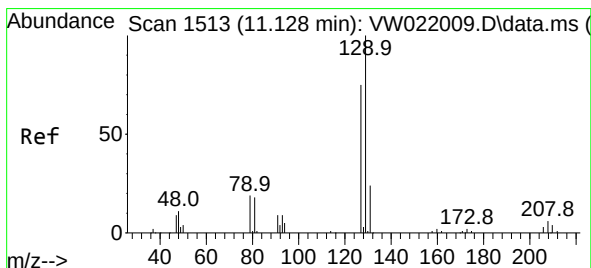
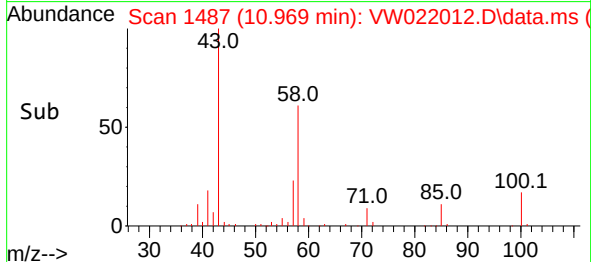
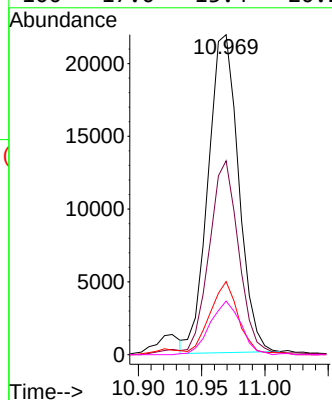
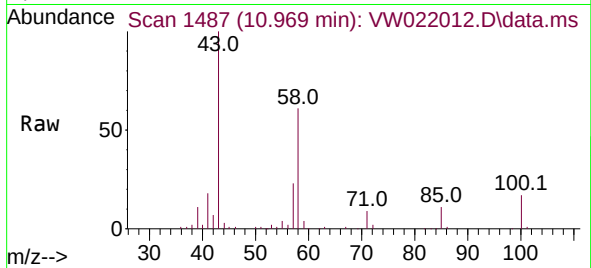




#48
2-Hexanone
Concen: 56.409 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

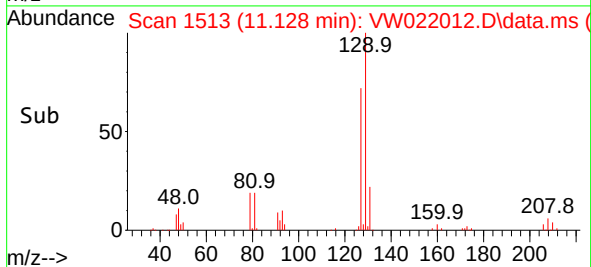
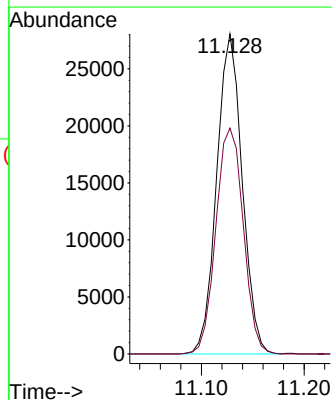
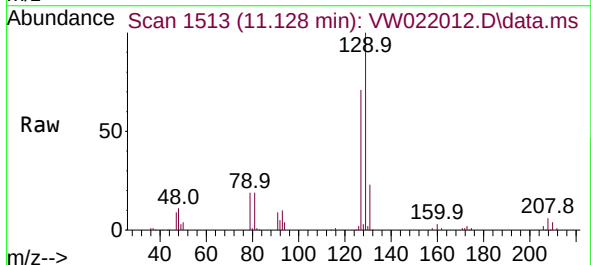
Instrument :
MSVOA_W
ClientSampleId :
VICV455

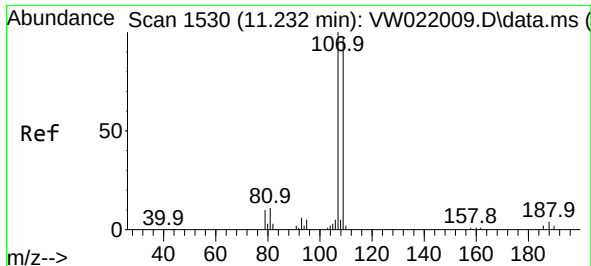
Tgt Ion:	43	Resp:	36670
Ion	Ratio	Lower	Upper
43	100		
58	59.5	49.2	73.8
57	21.7	16.6	24.8
100	17.0	13.4	20.2



#49
Dibromochloromethane
Concen: 25.383 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion:	129	Resp:	48361
Ion	Ratio	Lower	Upper
129	100		
127	70.6	52.6	97.6

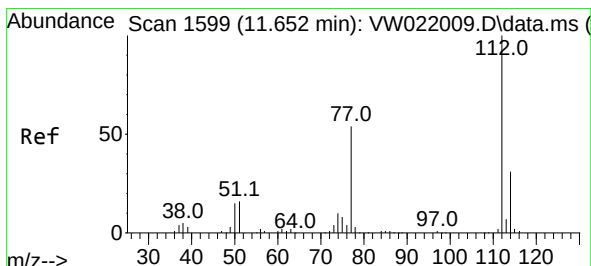
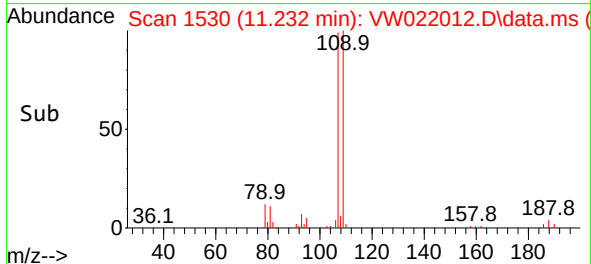
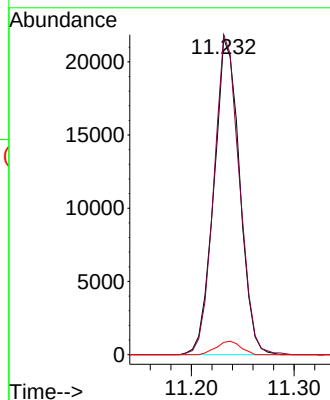
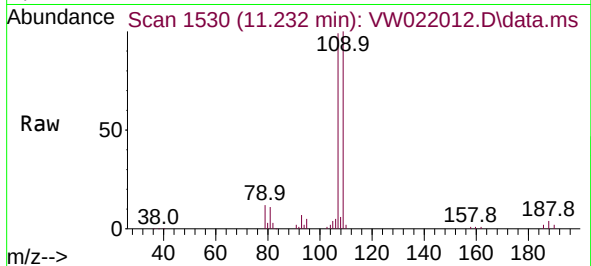




#50
1,2-Dibromoethane
Concen: 24.993 ug/L
RT: 11.232 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

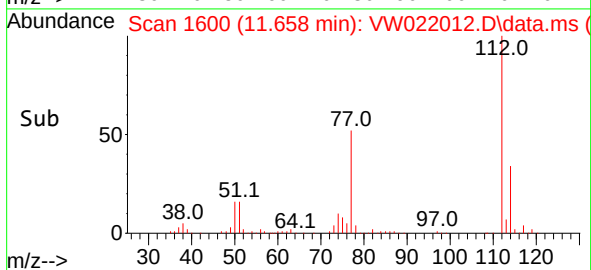
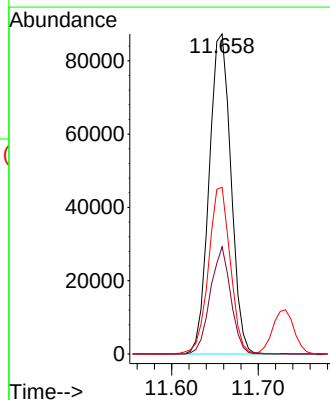
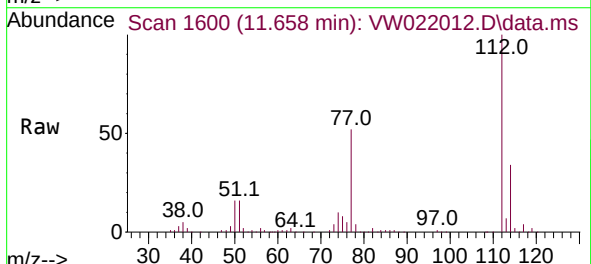
Instrument :
MSVOA_W
ClientSampleId :
VICV455

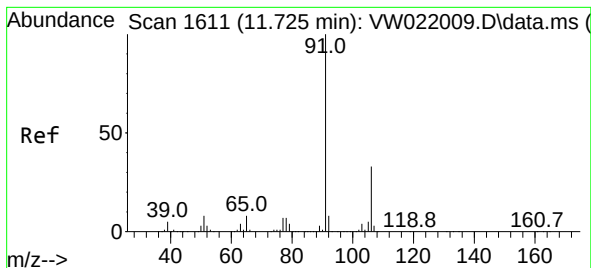
Tgt Ion:	107	Resp:	37439
Ion	Ratio	Lower	Upper
107	100		
109	101.2	68.0	126.2
188	3.9	3.2	4.8



#51
Chlorobenzene
Concen: 24.398 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion:	112	Resp:	152553
Ion	Ratio	Lower	Upper
112	100		
114	33.5	21.5	39.9
77	52.1	43.6	65.4





#52

Ethylbenzene

Concen: 23.998 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

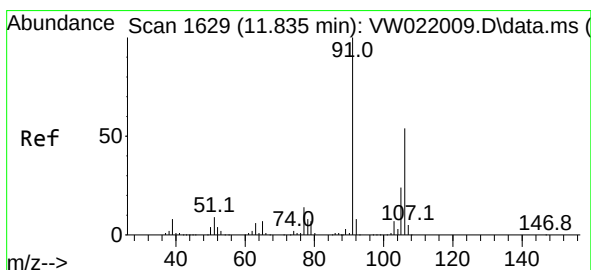
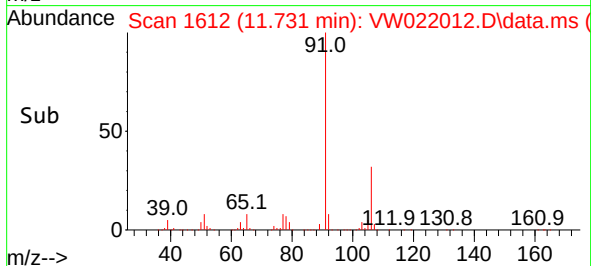
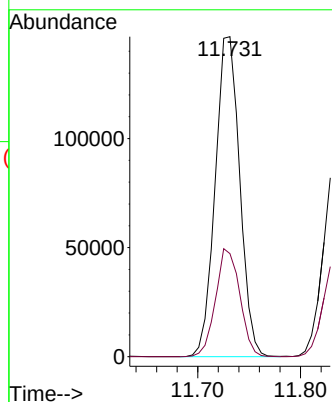
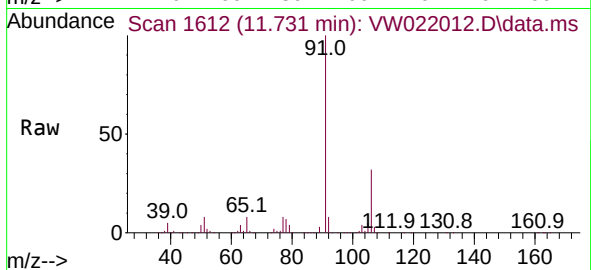
VICV455

Tgt Ion: 91 Resp: 243256

Ion Ratio Lower Upper

91 100

106 32.2 22.8 42.4



#53

m,p-Xylene

Concen: 24.302 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW022012.D

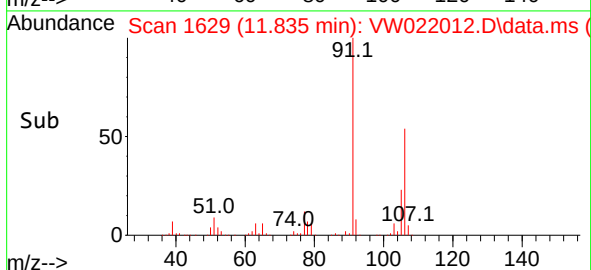
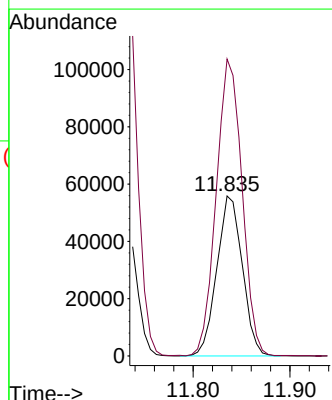
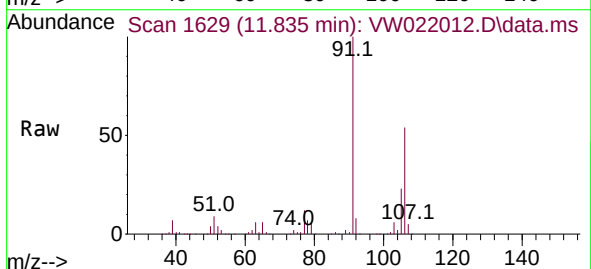
Acq: 01 Feb 2022 17:44

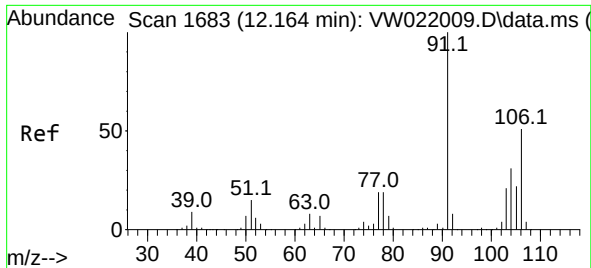
Tgt Ion: 106 Resp: 102206

Ion Ratio Lower Upper

106 100

91 185.7 129.6 240.8

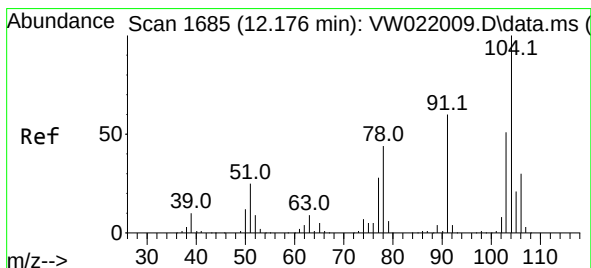
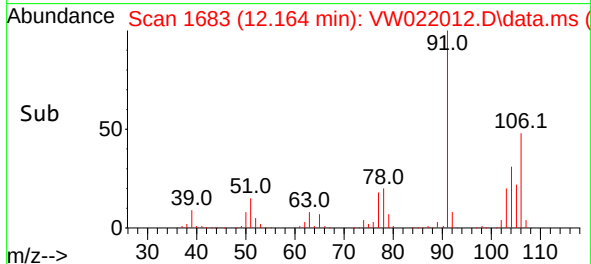
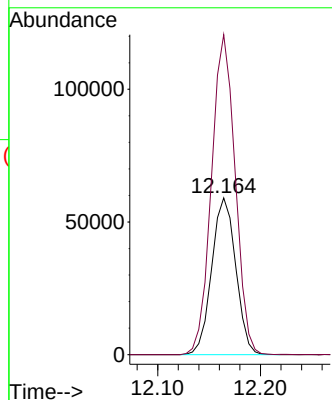
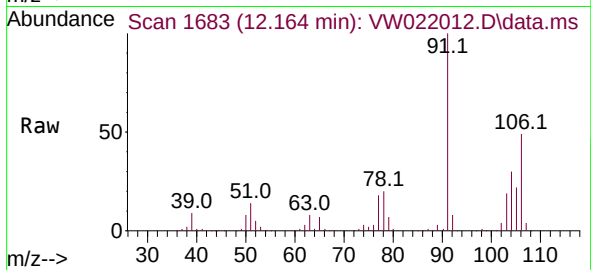




#54
o-Xylene
Concen: 24.412 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

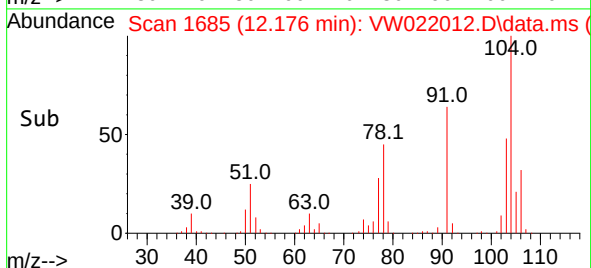
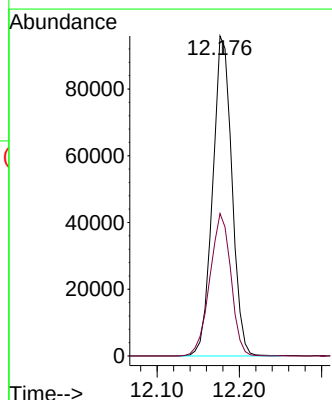
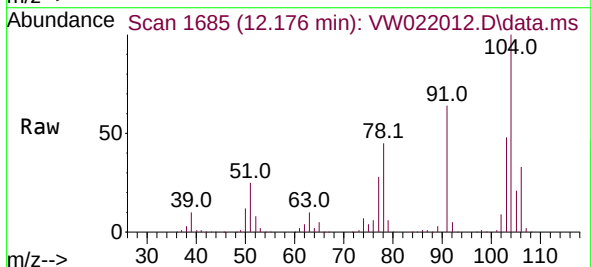
Instrument :
MSVOA_W
ClientSampleId :
VICV455

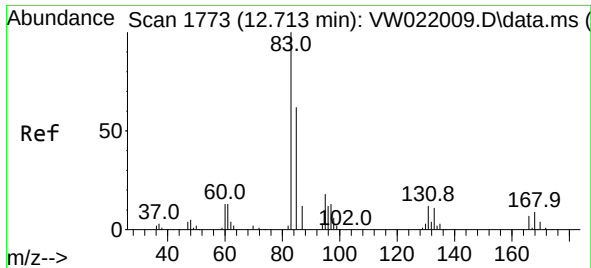
Tgt Ion:106 Resp: 96043
Ion Ratio Lower Upper
106 100
91 204.2 136.4 253.4



#55
Styrene
Concen: 24.532 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion:104 Resp: 155898
Ion Ratio Lower Upper
104 100
78 44.5 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 26.951 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

VICV455

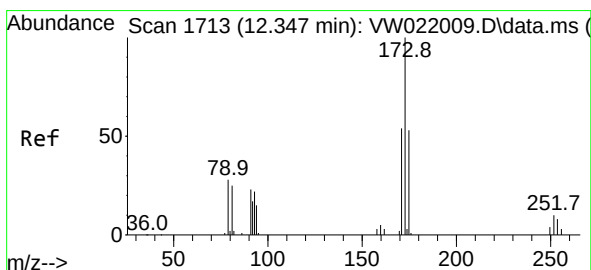
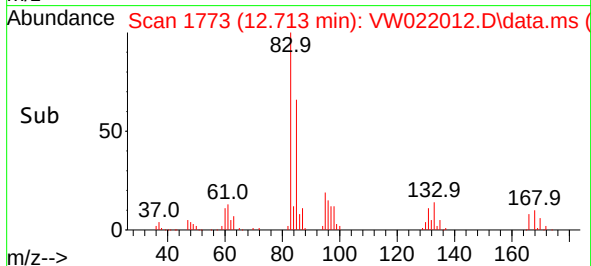
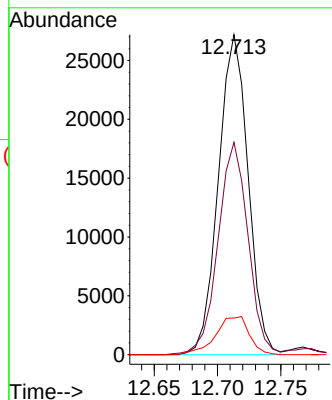
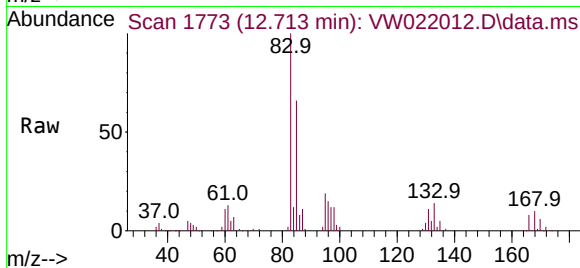
Tgt Ion: 83 Resp: 44385

Ion Ratio Lower Upper

83 100

85 66.3 43.8 81.3

131 11.5 9.8 14.8



#59

Bromoform

Concen: 25.058 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

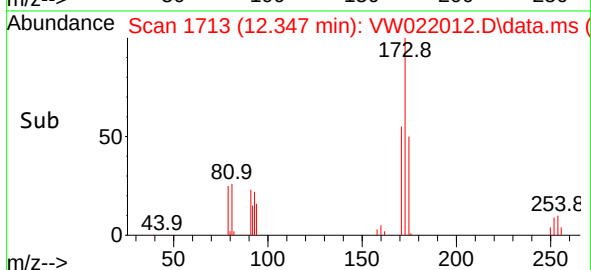
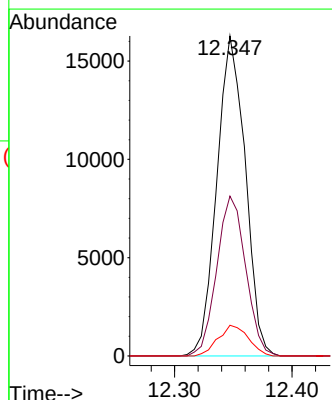
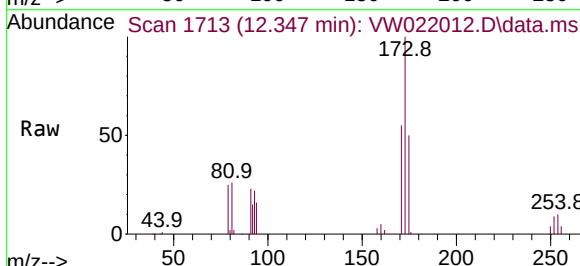
Tgt Ion: 173 Resp: 27377

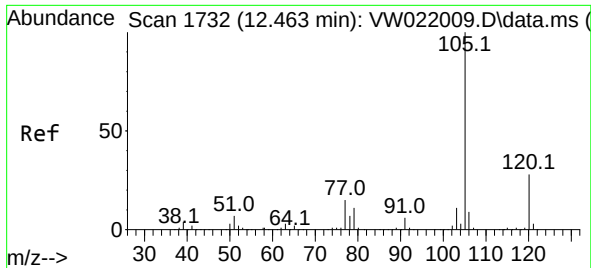
Ion Ratio Lower Upper

173 100

175 50.7 41.0 61.4

254 10.2 3.4 5.2#

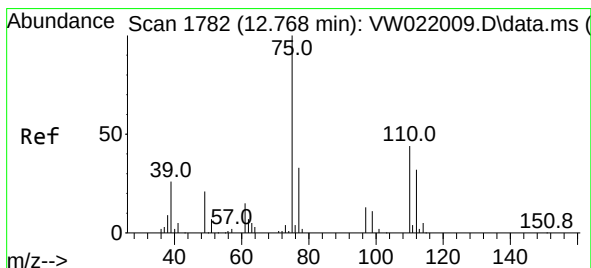
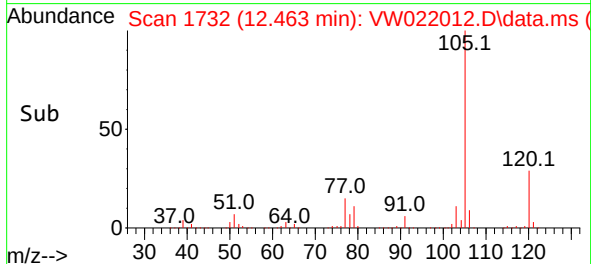
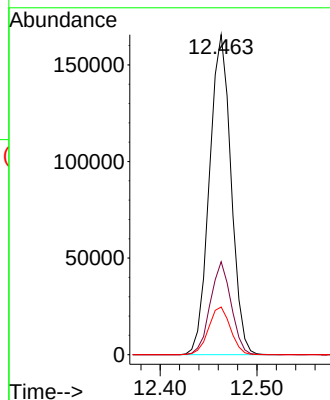
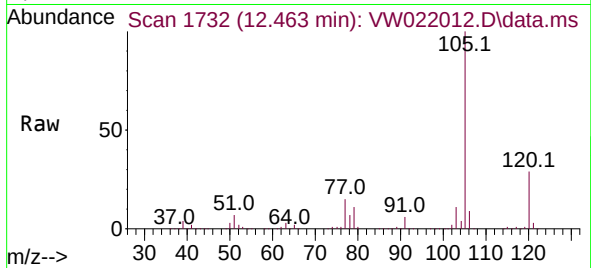




#60
Isopropylbenzene
Concen: 23.799 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

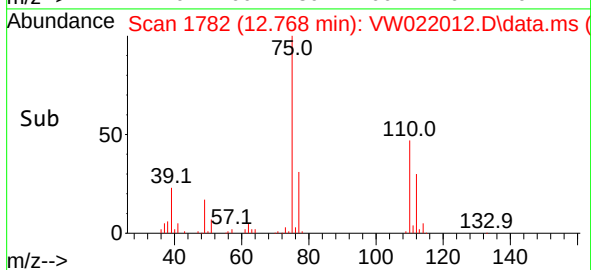
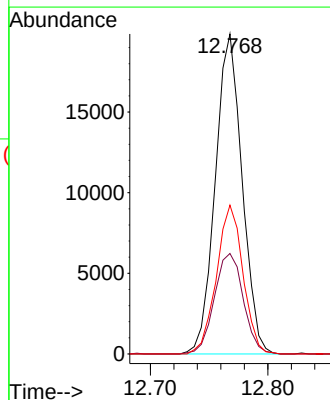
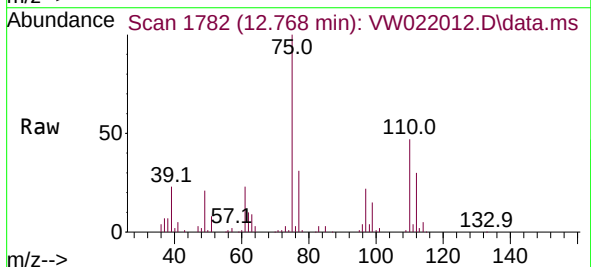
Instrument :
MSVOA_W
ClientSampleId :
VICV455

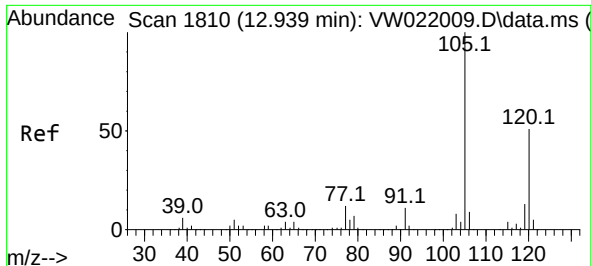
Tgt Ion:105 Resp: 257217
Ion Ratio Lower Upper
105 100
120 28.0 22.1 33.1
77 15.1 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 26.107 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion: 75 Resp: 31462
Ion Ratio Lower Upper
75 100
77 33.9 27.3 40.9
110 46.0 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 25.446 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

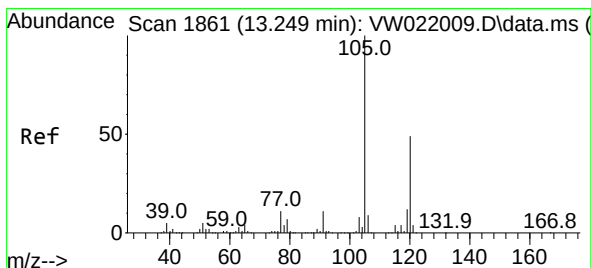
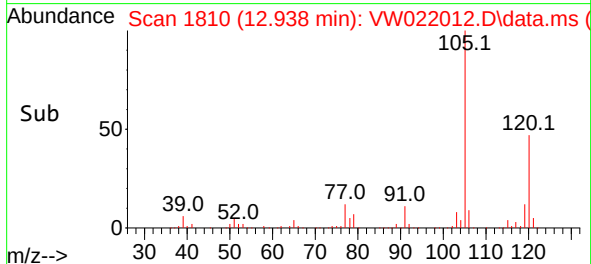
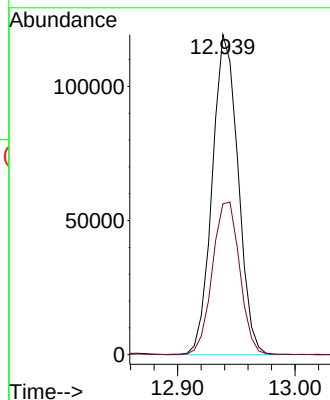
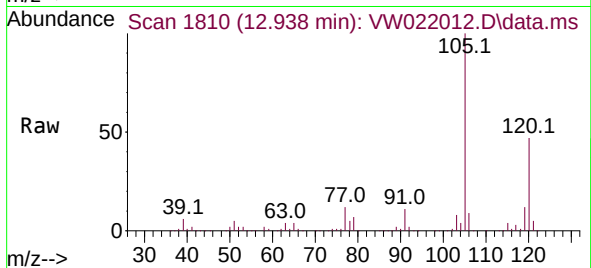
VICV455

Tgt Ion:105 Resp: 182400

Ion Ratio Lower Upper

105 100

120 50.5 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 25.150 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022012.D

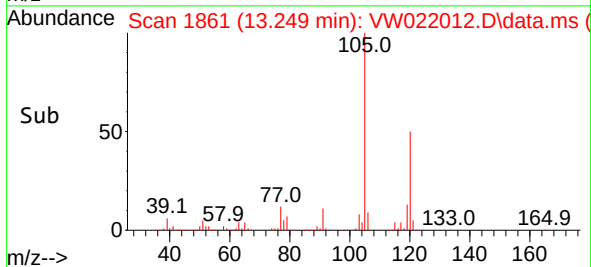
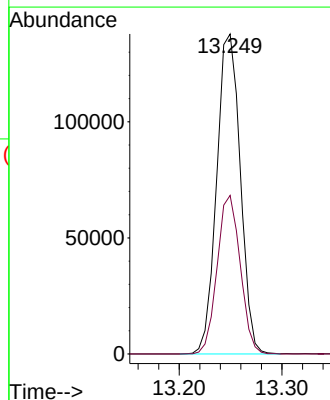
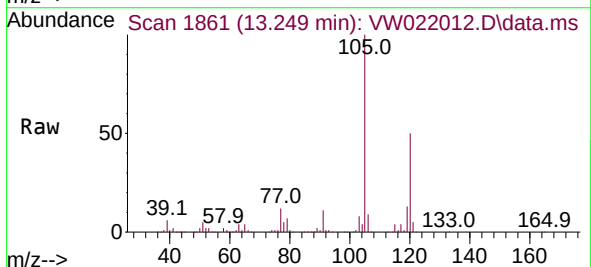
Acq: 01 Feb 2022 17:44

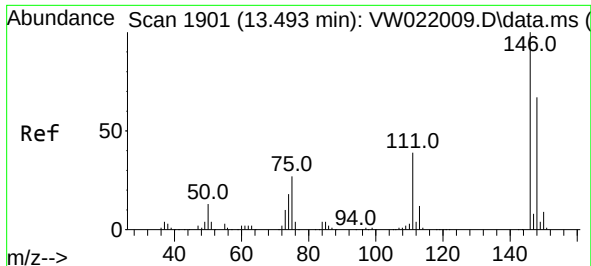
Tgt Ion:105 Resp: 219637

Ion Ratio Lower Upper

105 100

120 48.4 37.8 56.8

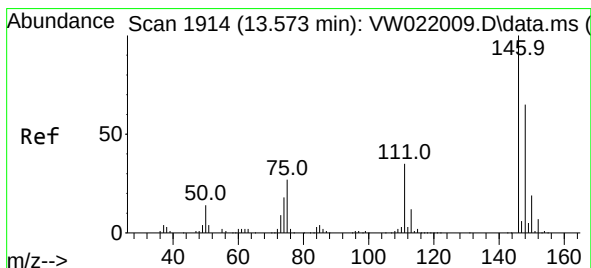
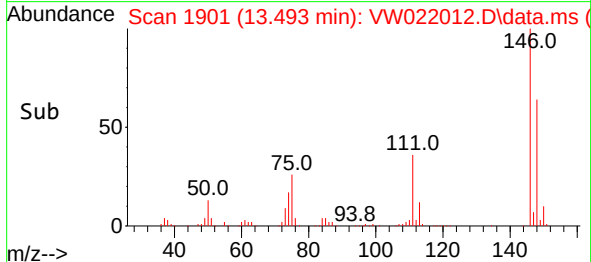
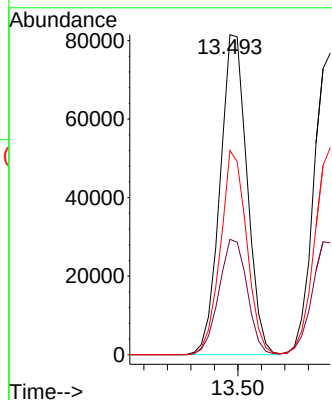
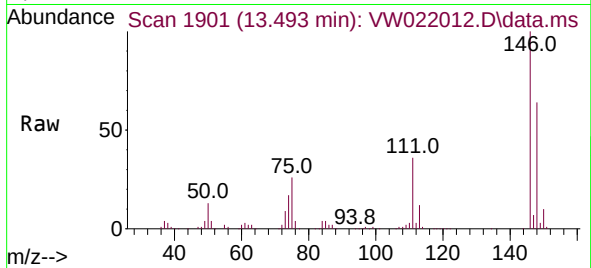




#64
1,3-Dichlorobenzene
Concen: 25.161 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

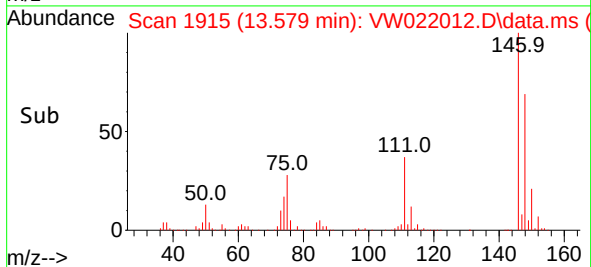
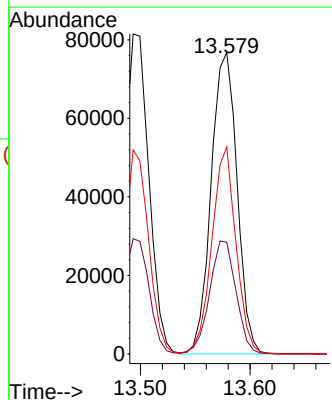
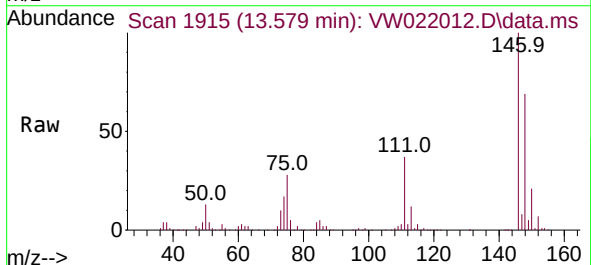
Instrument :
MSVOA_W
ClientSampleId :
VICV455

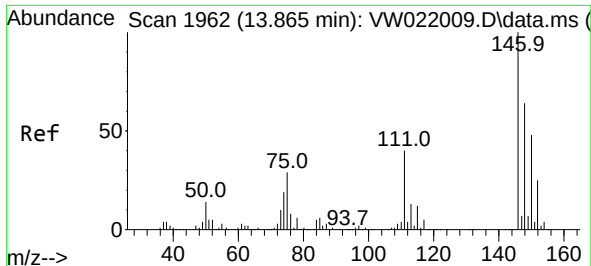
Tgt Ion:146 Resp: 130288
Ion Ratio Lower Upper
146 100
111 36.1 27.3 50.7
148 63.8 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 24.395 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion:146 Resp: 126449
Ion Ratio Lower Upper
146 100
111 37.1 24.4 45.4
148 68.6 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 24.095 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

VICV455

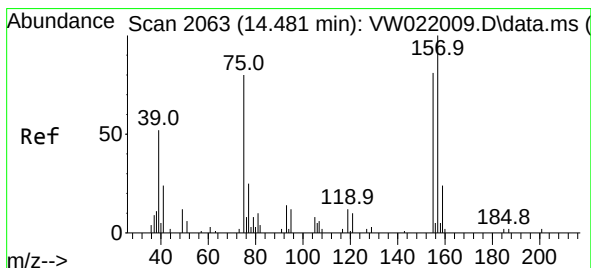
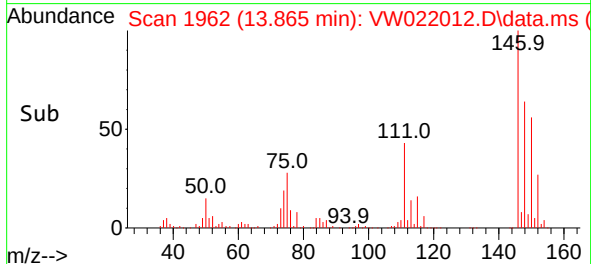
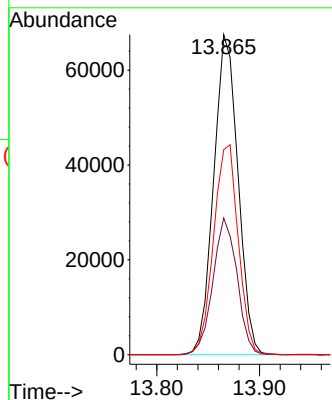
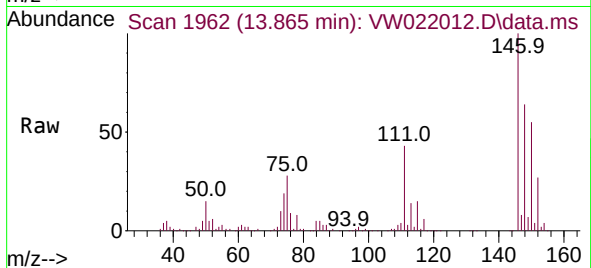
Tgt Ion:146 Resp: 110895

Ion Ratio Lower Upper

146 100

111 42.7 32.2 48.4

148 64.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 27.975 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022012.D

Acq: 01 Feb 2022 17:44

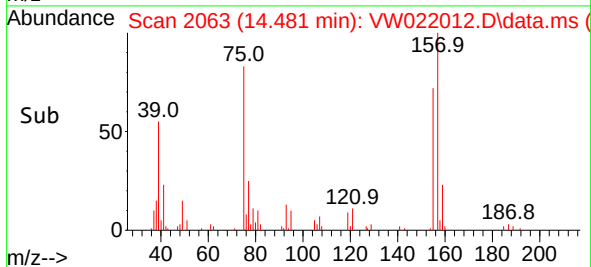
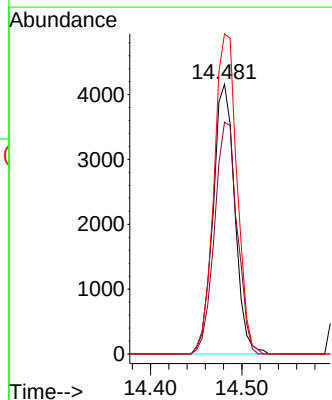
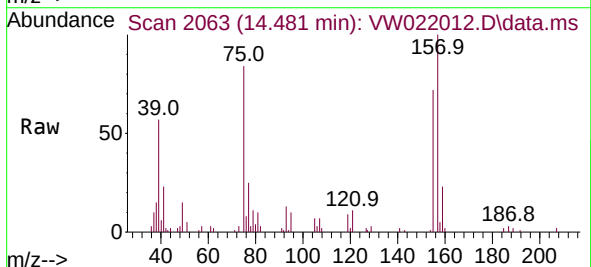
Tgt Ion: 75 Resp: 6859

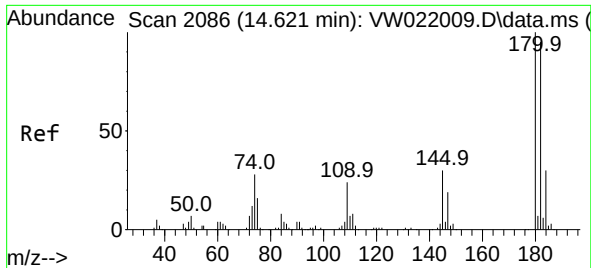
Ion Ratio Lower Upper

75 100

155 85.9 80.9 121.3

157 118.6 100.3 150.5

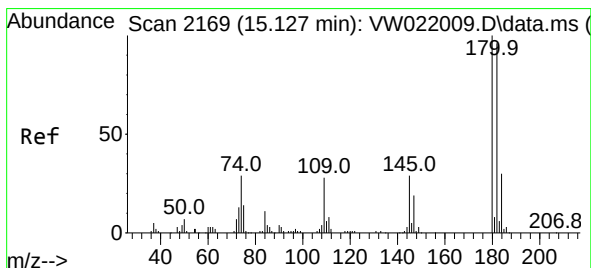
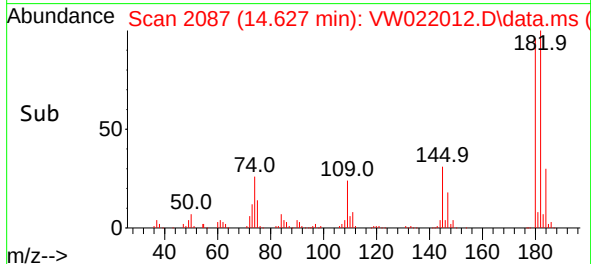
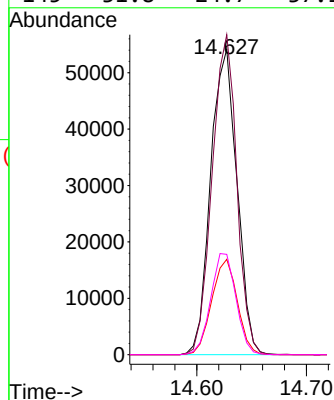
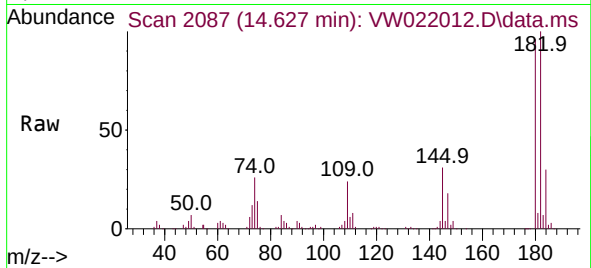




#69
1,3,5-Trichlorobenzene
Concen: 24.290 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

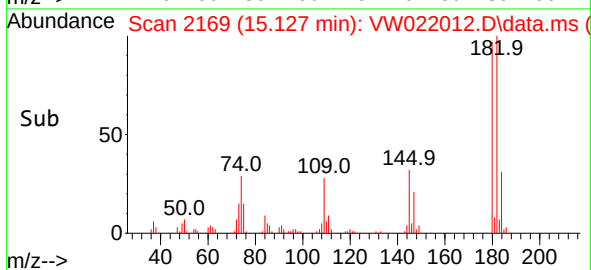
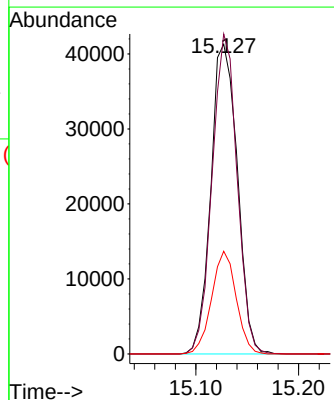
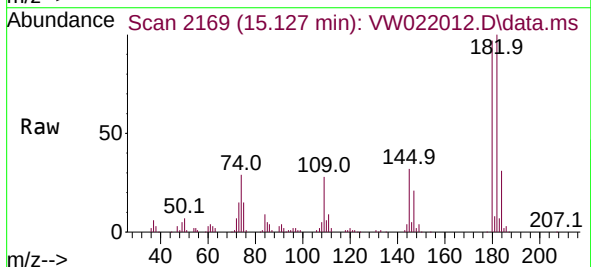
Instrument :
MSVOA_W
ClientSampleId :
VICV455

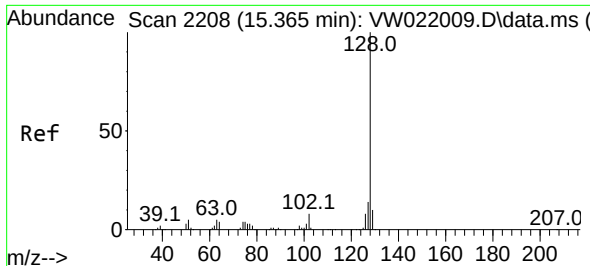
Tgt Ion:180	Resp:	90432
Ion Ratio	Lower	Upper
180	100	
182	98.1	77.4 116.2
184	30.3	25.2 37.8
145	31.8	24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 24.987 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion:180	Resp:	73891
Ion Ratio	Lower	Upper
180	100	
182	97.0	74.6 111.8
145	30.8	25.0 37.6

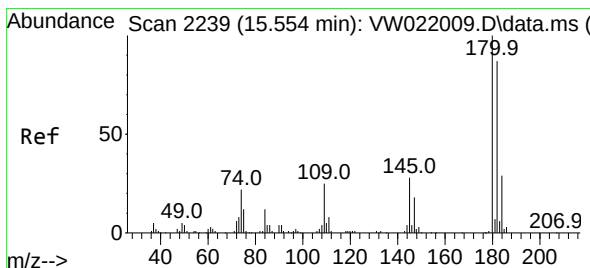
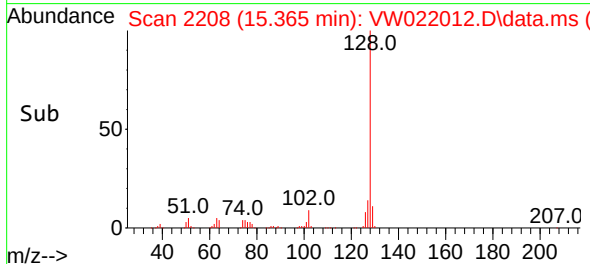
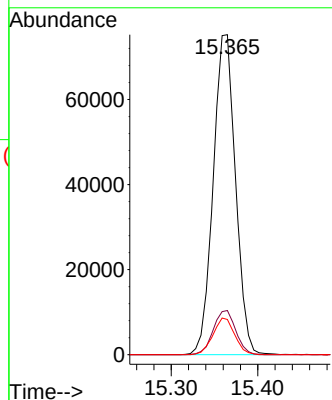
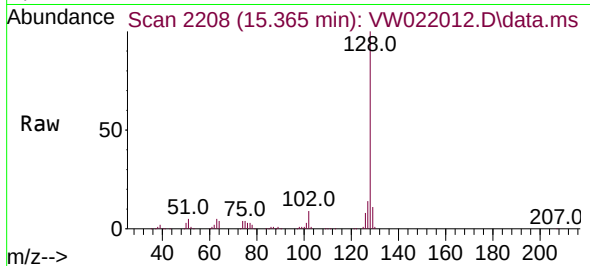




#71
Naphthalene
Concen: 27.933 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Instrument :
MSVOA_W
ClientSampleId :
VICV455

Tgt Ion:128 Resp: 134767
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.818 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW022012.D
Acq: 01 Feb 2022 17:44

Tgt Ion:180 Resp: 65257
Ion Ratio Lower Upper
180 100
182 92.4 78.6 118.0
145 32.9 27.3 40.9

