

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022013.D
 Acq On : 01 Feb 2022 19:22
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: Feb 02 00:58:59 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		8.842	114	160928	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	150367	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	76367	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	48507	25.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.080%		
7) Chloroethane-d5		2.885	69	36948	24.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 99.040%		
11) 1,1-Dichloroethene-d2		4.019	63	81633	23.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 95.360%		
21) 2-Butanone-d5		7.080	46	15053	43.781	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.560%		
24) Chloroform-d		7.647	84	94238	25.170	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.680%		
26) 1,2-Dichloroethane-d4		8.305	65	45280	24.308	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 97.240%		
32) Benzene-d6		8.275	84	185390	24.398	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.600%		
36) 1,2-Dichloropropane-d6		9.274	67	49468	23.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 95.720%		
41) Toluene-d8		10.323	98	183692	24.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 97.560%		
43) trans-1,3-Dichloroprop...		10.579	79	21455	23.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 94.800%		
47) 2-Hexanone-d5		10.927	63	13560	45.125	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 90.260%		
56) 1,1,2,2-Tetrachloroeth...		12.688	84	37793	22.419	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 89.680%		
66) 1,2-Dichlorobenzene-d4		13.847	152	69005	25.048	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.200%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.007	85	10737	28.644	ug/L	98
3) Chloromethane		2.215	50	42793	25.303	ug/L	99
5) Vinyl chloride		2.361	62	58476	24.073	ug/L	98
6) Bromomethane		2.782	94	39750	19.244	ug/L	99
8) Chloroethane		2.922	64	31517	25.250	ug/L	98
9) Trichlorofluoromethane		3.257	101	40104	21.870	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		4.062	101	47565	24.481	ug/L	97
12) 1,1-Dichloroethene		4.038	96	43449	24.232	ug/L	94
13) Acetone		4.141	43	14395	44.829	ug/L	97
14) Carbon disulfide		4.385	76	127545	24.387	ug/L	99
15) Methyl Acetate		4.678	43	12938	22.034	ug/L #	89
16) Methylene chloride		4.915	84	44107	23.521	ug/L	98
17) trans-1,2-Dichloroethene		5.428	96	49606	24.810	ug/L	98
18) Methyl tert-butyl Ether		5.421	73	60698	23.676	ug/L #	91
19) 1,1-Dichloroethane		6.220	63	75540	24.385	ug/L	97
20) cis-1,2-Dichloroethene		7.171	96	52132	25.408	ug/L	95
22) 2-Butanone		7.171	43	18698	44.974	ug/L	99
23) Bromochloromethane		7.513	128	23678	23.437	ug/L	93
25) Chloroform		7.677	83	86328	24.620	ug/L	97

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 Response via : Initial Calibration

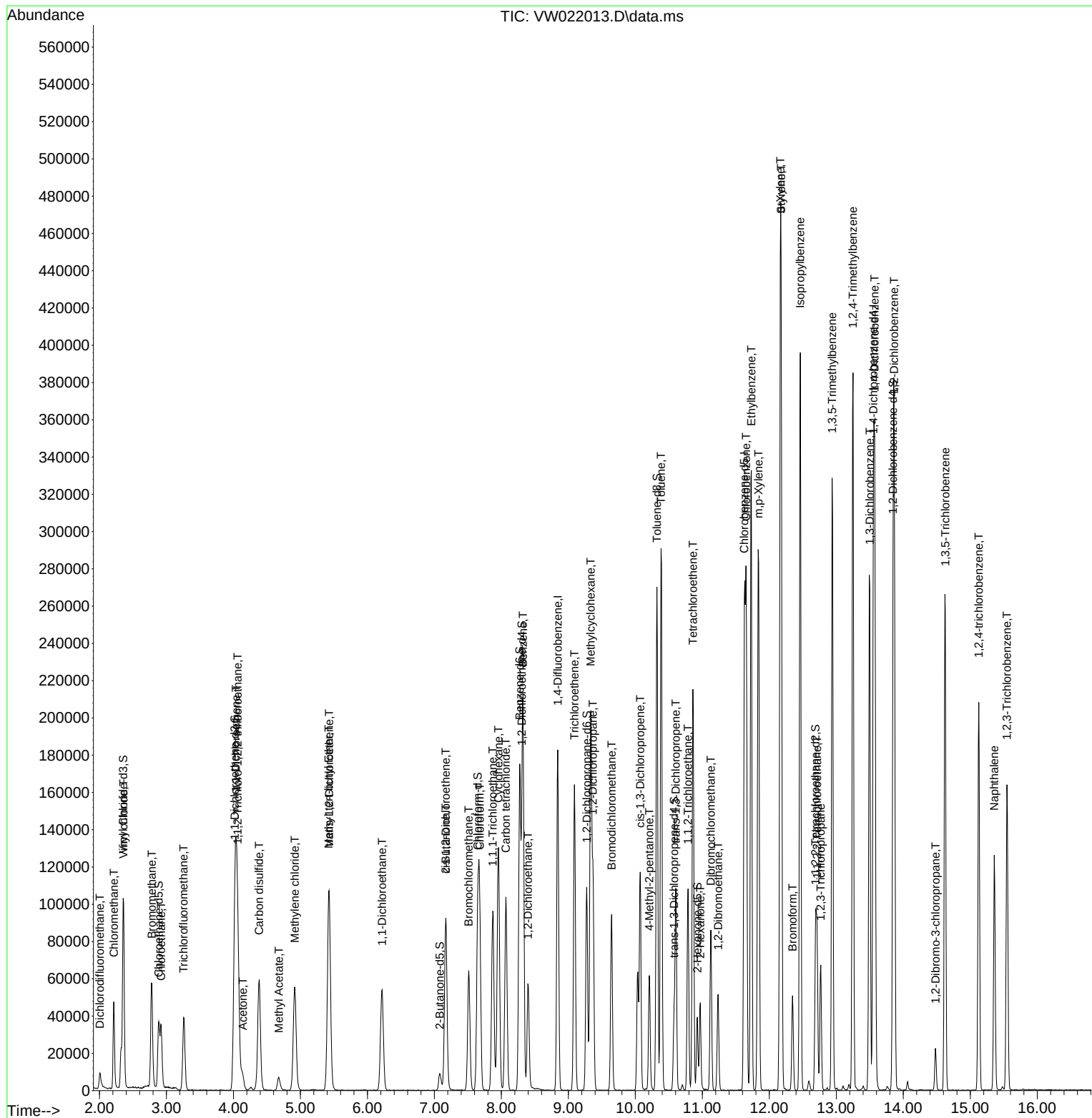
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	50716	24.571	ug/L	96
29) Cyclohexane	7.958	56	71036	24.066	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	78670	23.641	ug/L	100
31) Carbon tetrachloride	8.067	117	76752	23.564	ug/L	96
33) Benzene	8.323	78	188217	23.874	ug/L	100
34) Trichloroethene	9.091	95	53338	23.796	ug/L	98
35) Methylcyclohexane	9.335	83	91263	24.133	ug/L	100
37) 1,2-Dichloropropane	9.366	63	41154	23.767	ug/L	100
38) Bromodichloromethane	9.646	83	60946	24.646	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	68504	24.666	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	38270	45.047	ug/L	97
42) Toluene	10.384	91	216574	24.234	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	57941	24.201	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	33699	22.897	ug/L	99
46) Tetrachloroethene	10.859	164	50702	24.267	ug/L	96
48) 2-Hexanone	10.969	43	27950	44.201	ug/L	97
49) Dibromochloromethane	11.128	129	44141	23.818	ug/L	99
50) 1,2-Dibromoethane	11.237	107	34216	23.482	ug/L	95
51) Chlorobenzene	11.652	112	144380	23.739	ug/L	98
52) Ethylbenzene	11.731	91	240748	24.416	ug/L	99
53) m,p-Xylene	11.841	106	101214	24.741	ug/L	98
54) o-Xylene	12.164	106	94912	24.801	ug/L	89
55) Styrene	12.176	104	155176	25.103	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	36699	22.909	ug/L	95
59) Bromoform	12.347	173	23856	23.653	ug/L #	93
60) Isopropylbenzene	12.463	105	257865	25.845	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	26471	23.794	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	176507	26.674	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	217279	26.951	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	118714	24.833	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	123471	25.803	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	108856	25.621	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5004	22.108	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	85215	24.794	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	67257	24.636	ug/L	99
71) Naphthalene	15.359	128	106656	23.946	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	58121	24.909	ug/L	92

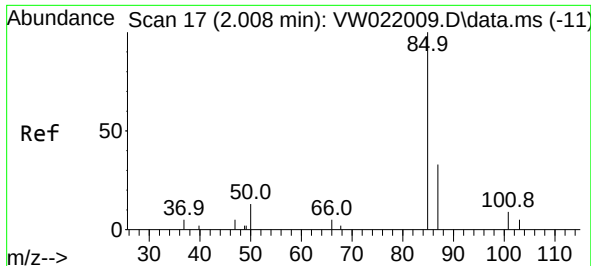
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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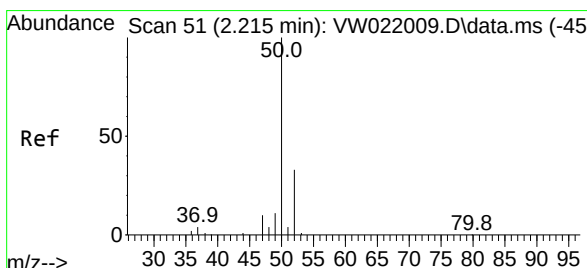
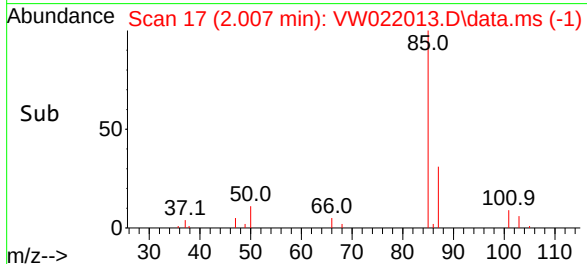
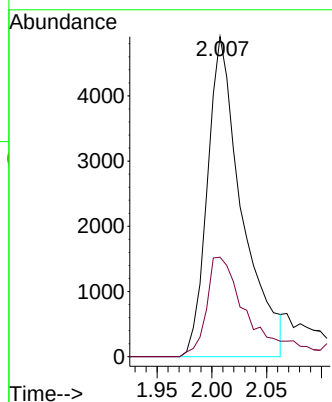
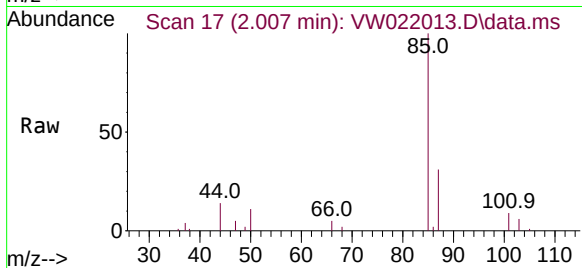




#2
Dichlorodifluoromethane
Concen: 28.644 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

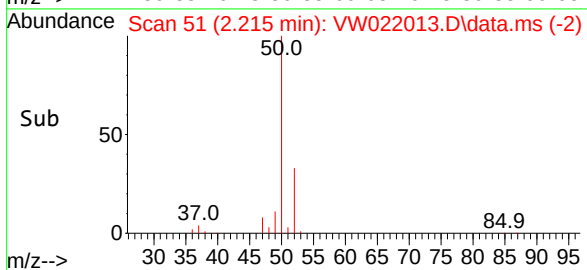
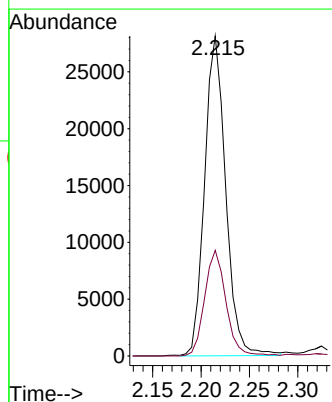
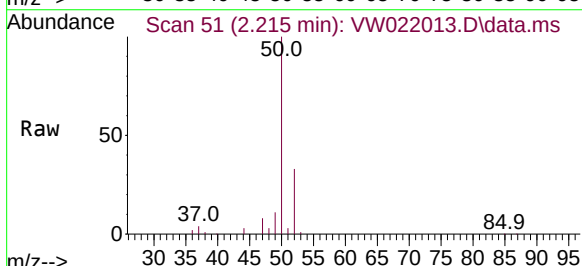
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

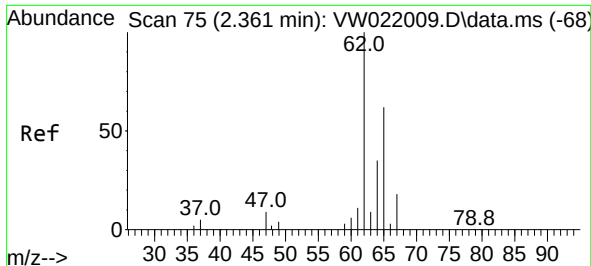
Tgt Ion: 85 Resp: 10737
Ion Ratio Lower Upper
85 100
87 34.0 26.2 39.4



#3
Chloromethane
Concen: 25.303 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 50 Resp: 42793
Ion Ratio Lower Upper
50 100
52 33.0 23.3 43.3

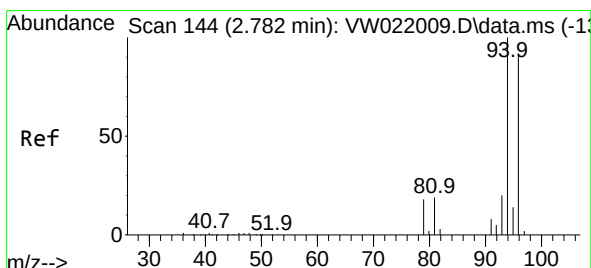
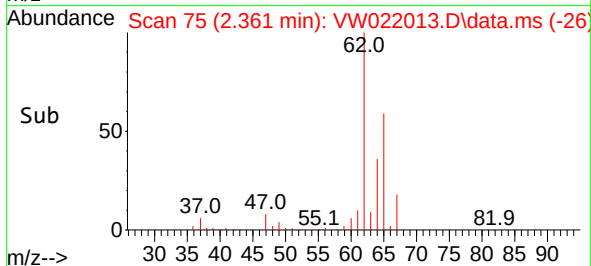
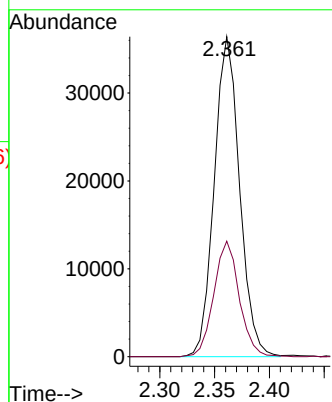
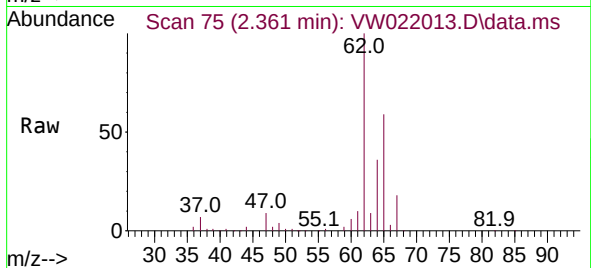




#5
 Vinyl chloride
 Concen: 24.073 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022013.D
 Acq: 01 Feb 2022 19:22

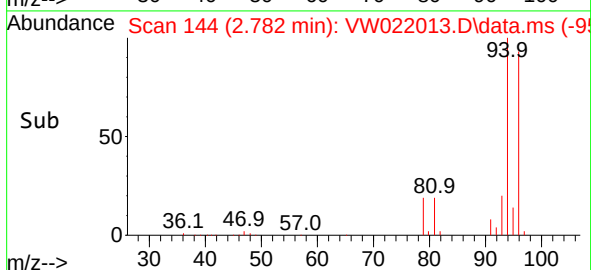
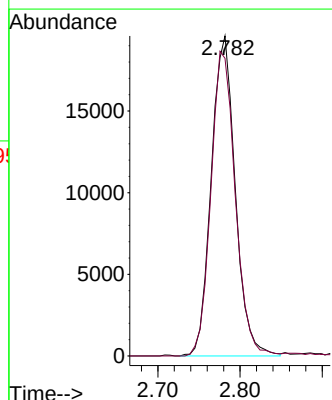
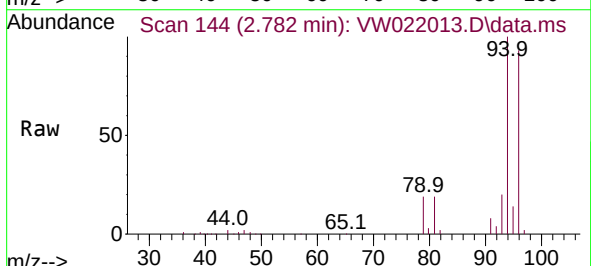
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

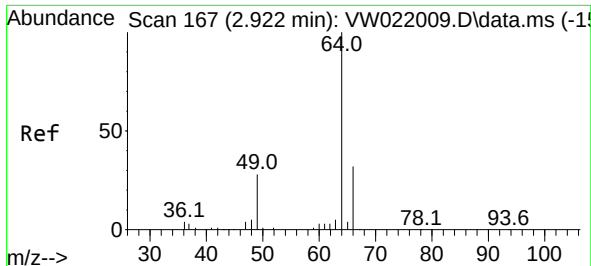
Tgt Ion: 62 Resp: 58476
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.6 45.6



#6
 Bromomethane
 Concen: 19.244 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022013.D
 Acq: 01 Feb 2022 19:22

Tgt Ion: 94 Resp: 39750
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.6 120.0

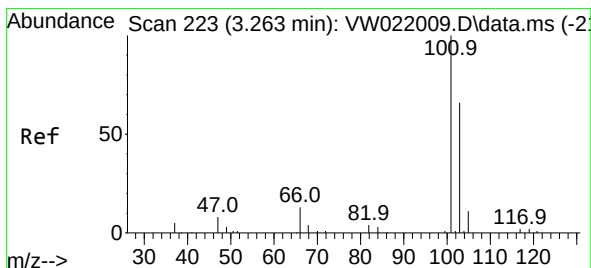
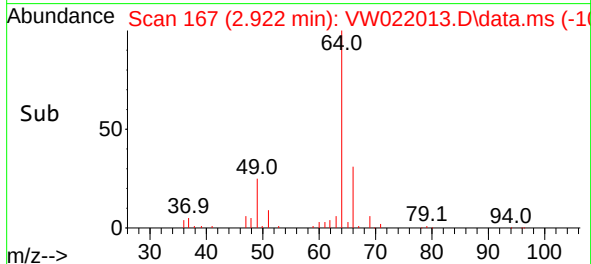
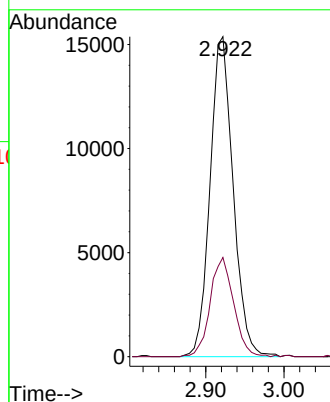
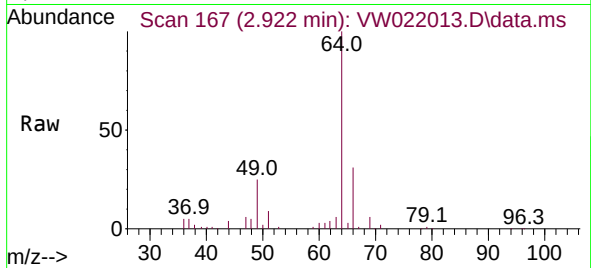




#8
Chloroethane
Concen: 25.250 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

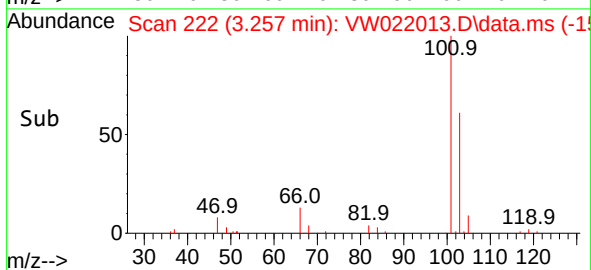
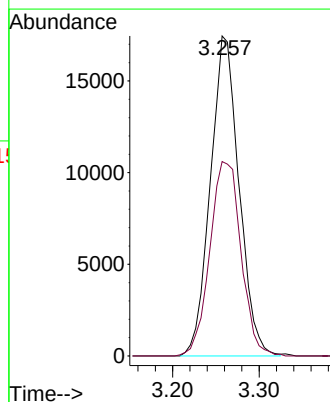
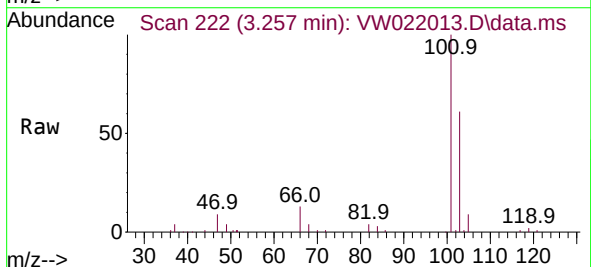
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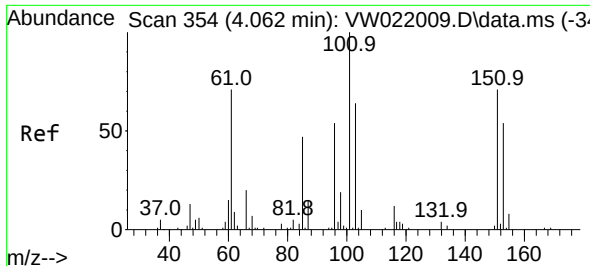
Tgt Ion: 64 Resp: 31517
Ion Ratio Lower Upper
64 100
66 31.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.870 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion:101 Resp: 40104
Ion Ratio Lower Upper
101 100
103 66.0 52.9 79.3

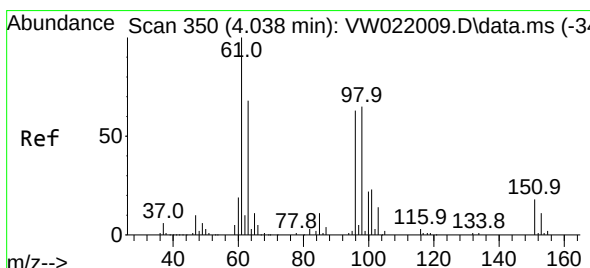
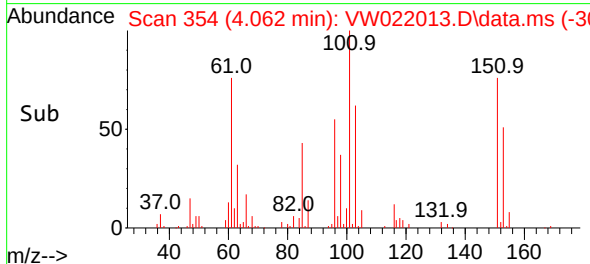
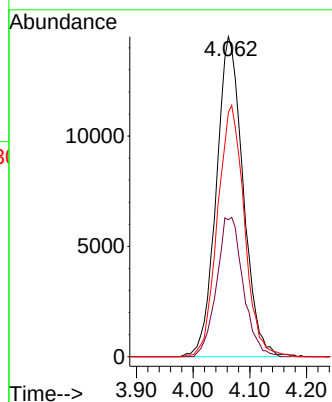
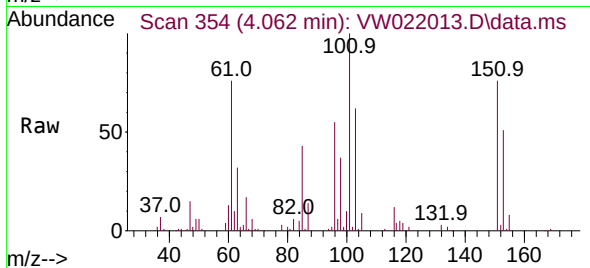




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.481 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022013.D
 Acq: 01 Feb 2022 19:22

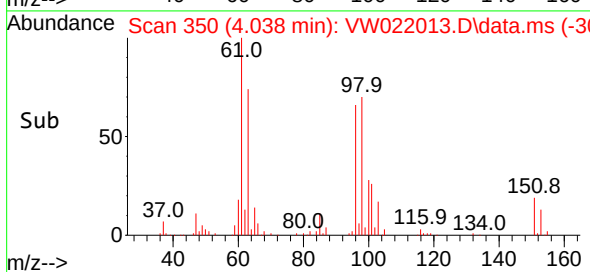
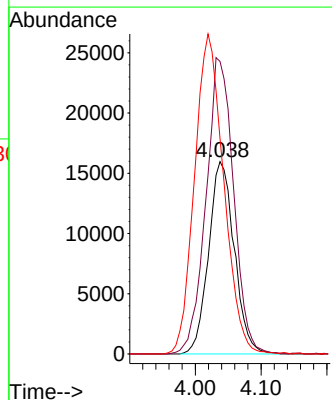
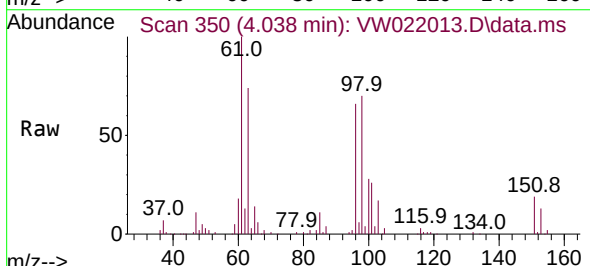
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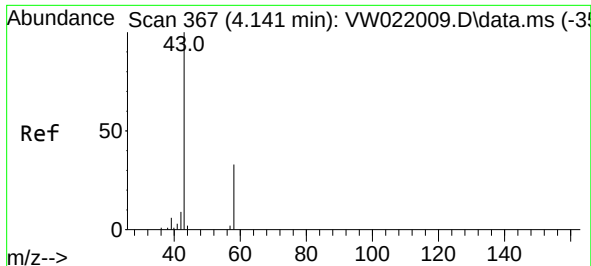
Tgt Ion:101 Resp: 47565
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.8 55.2
 151 78.6 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 24.232 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022013.D
 Acq: 01 Feb 2022 19:22

Tgt Ion: 96 Resp: 43449
 Ion Ratio Lower Upper
 96 100
 61 152.2 111.5 207.1
 63 112.0 83.1 154.3





#13

Acetone

Concen: 44.829 ug/L

RT: 4.141 min Scan# 367

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

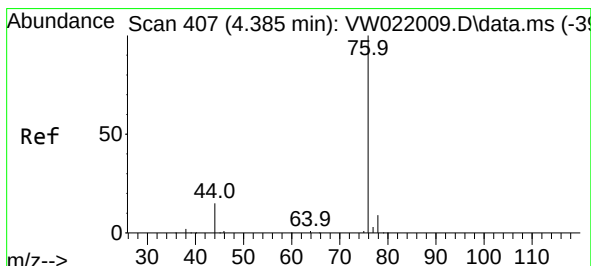
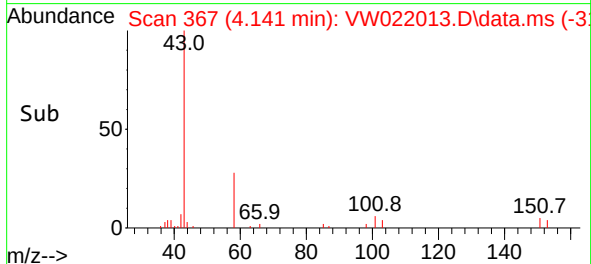
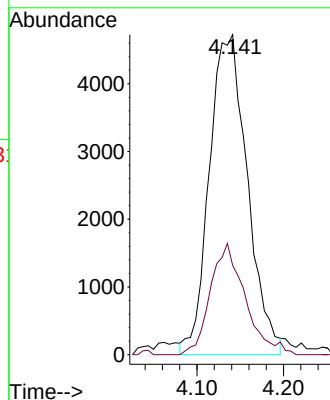
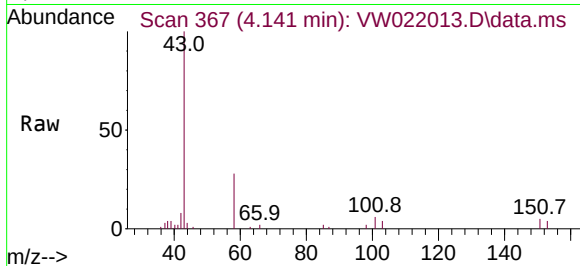
VSTD025549

Tgt Ion: 43 Resp: 14395

Ion Ratio Lower Upper

43 100

58 31.1 0.0 66.0



#14

Carbon disulfide

Concen: 24.387 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW022013.D

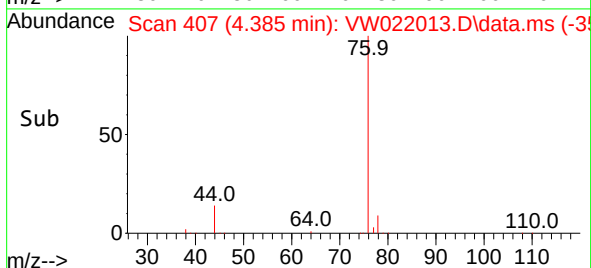
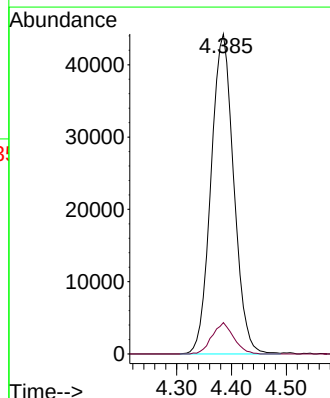
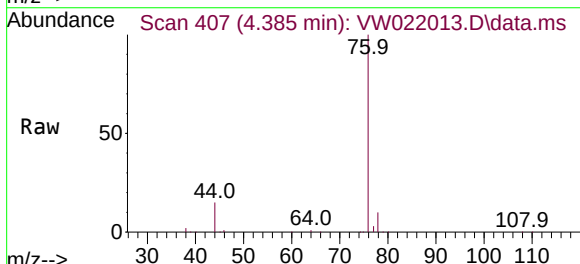
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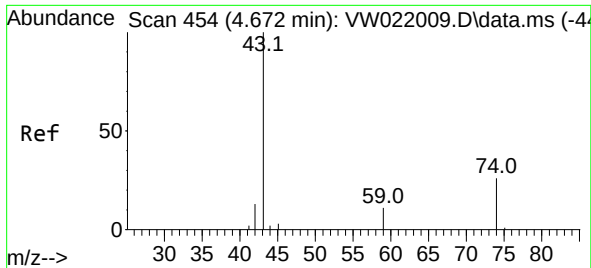
Tgt Ion: 76 Resp: 127545

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2

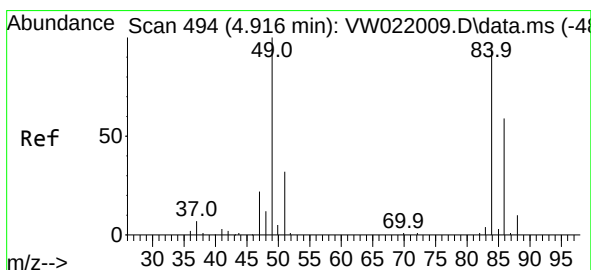
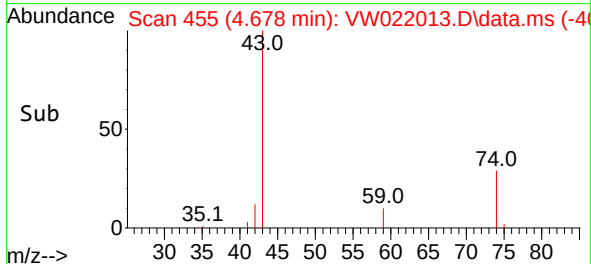
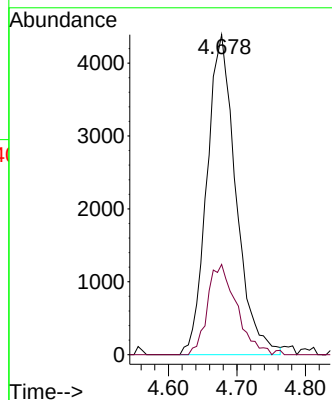
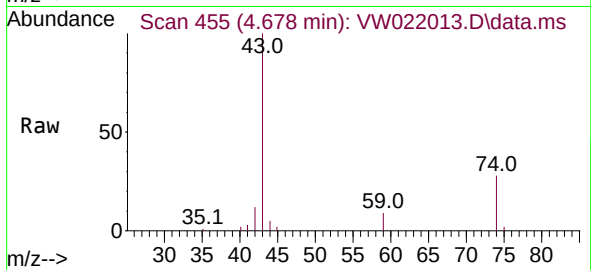




#15
Methyl Acetate
Concen: 22.034 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

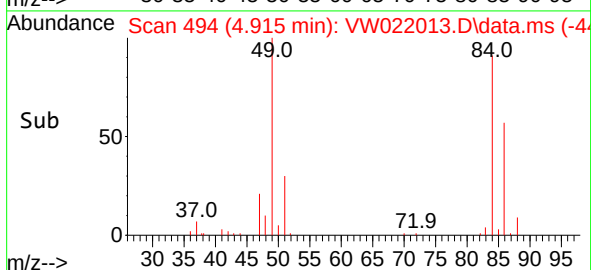
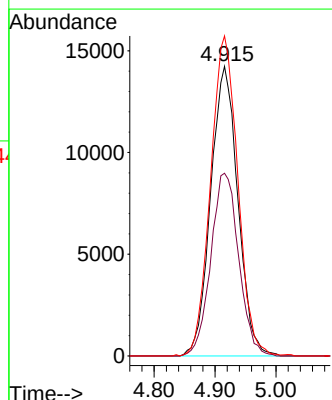
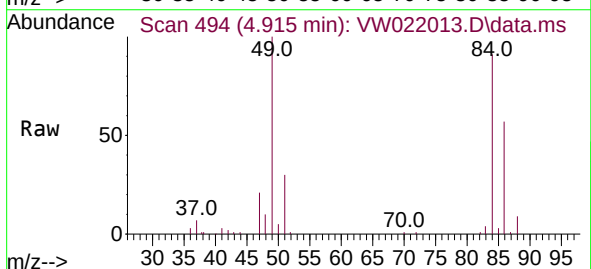
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

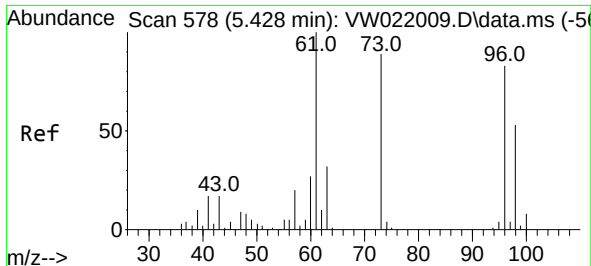
Tgt Ion: 43 Resp: 12938
Ion Ratio Lower Upper
43 100
74 27.7 18.0 27.0#



#16
Methylene chloride
Concen: 23.521 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 84 Resp: 44107
Ion Ratio Lower Upper
84 100
86 63.1 44.1 81.9
49 110.5 74.7 138.7





#17

trans-1,2-Dichloroethene

Concen: 24.810 ug/L

RT: 5.428 min Scan# 51

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

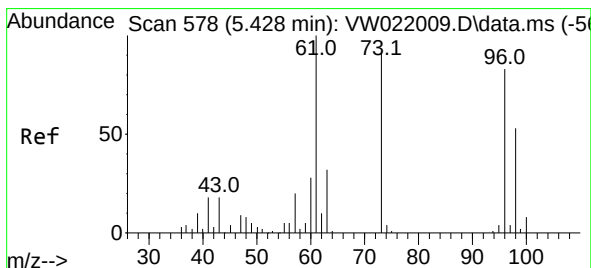
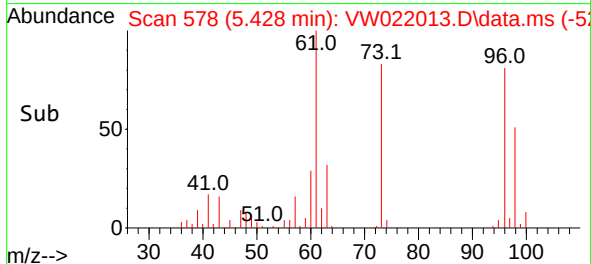
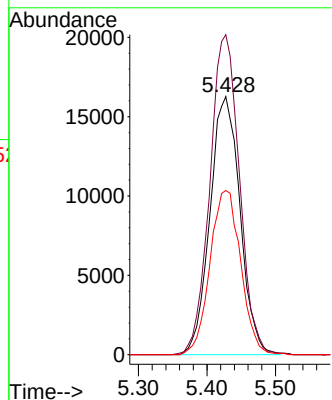
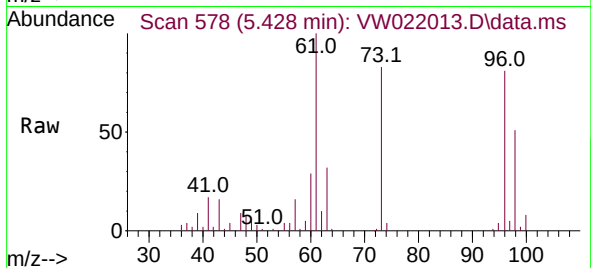
Tgt Ion: 96 Resp: 49606

Ion Ratio Lower Upper

96 100

61 124.0 84.3 156.5

98 63.6 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 23.676 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

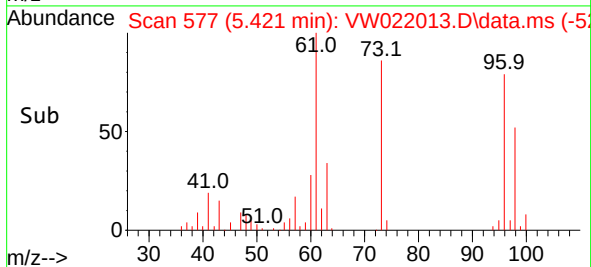
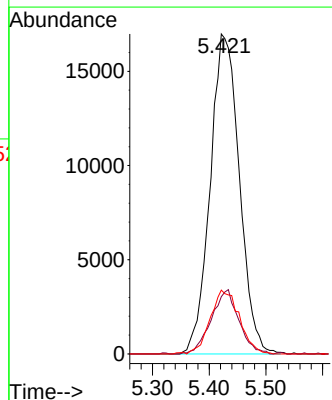
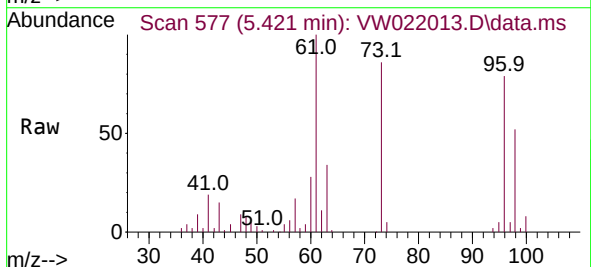
Tgt Ion: 73 Resp: 60698

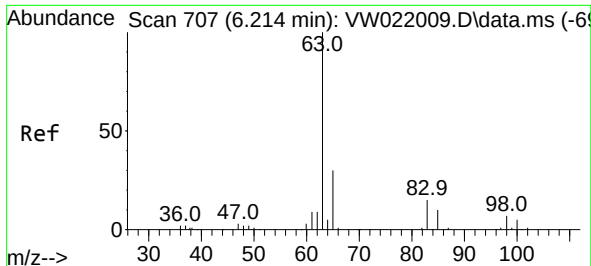
Ion Ratio Lower Upper

73 100

43 18.9 15.3 22.9

57 12.6 16.3 24.5#

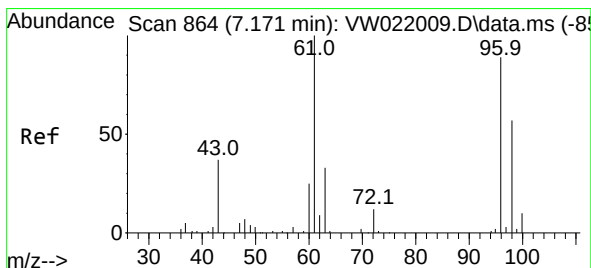
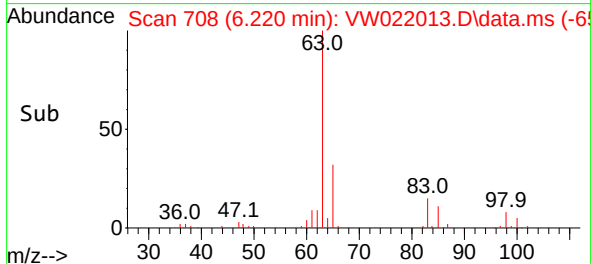
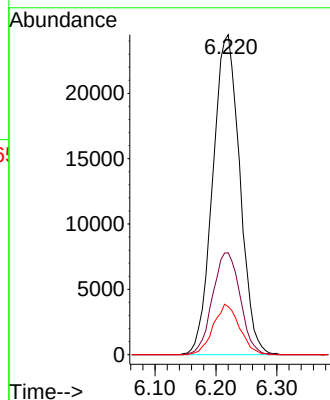
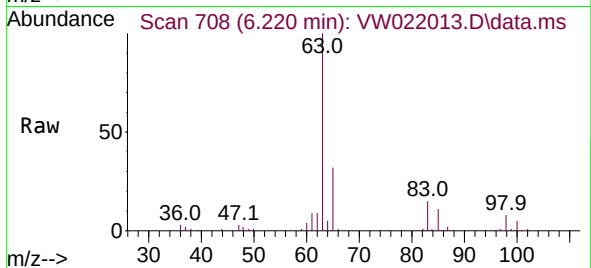




#19
1,1-Dichloroethane
Concen: 24.385 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

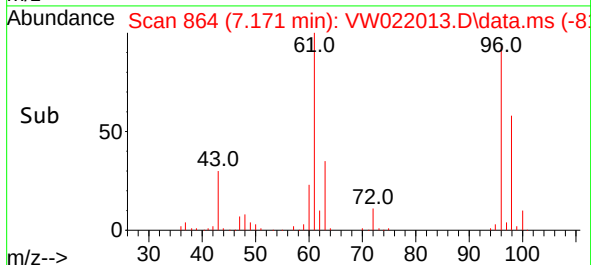
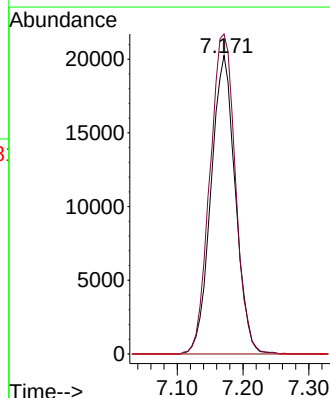
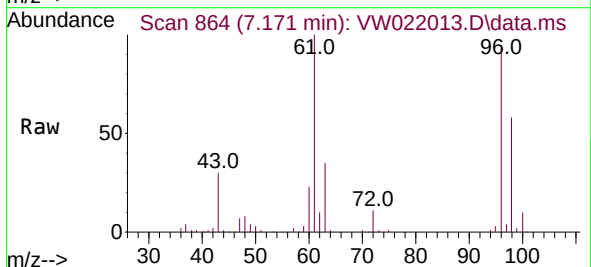
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

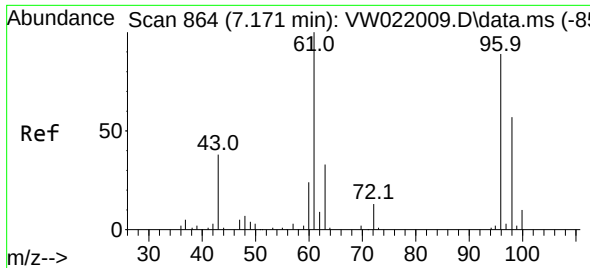
Tgt Ion: 63 Resp: 75540
Ion Ratio Lower Upper
63 100
65 31.8 20.9 38.7
83 15.0 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 25.408 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 96 Resp: 52132
Ion Ratio Lower Upper
96 100
61 107.2 79.0 146.8
68 0.0 0.0 0.0

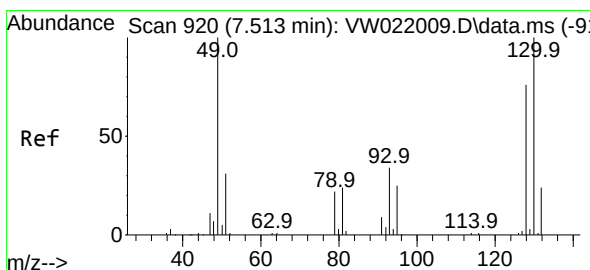
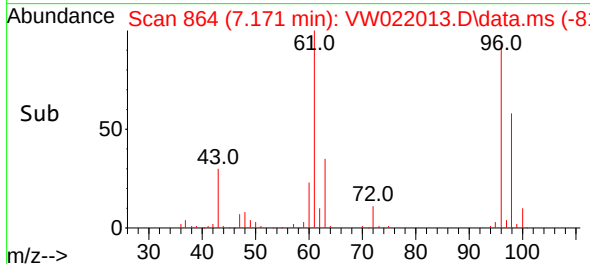
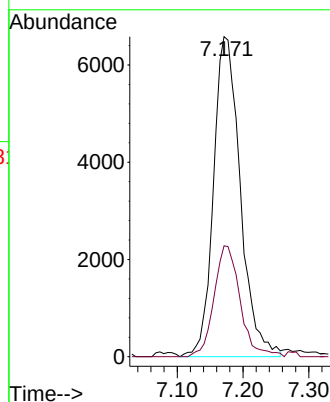
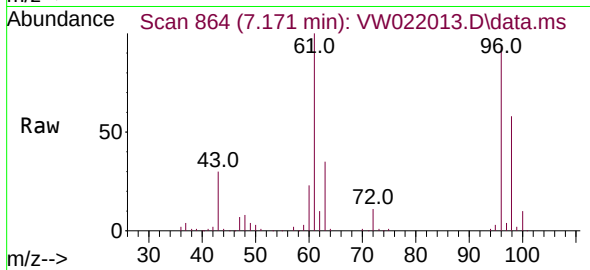




#22
2-Butanone
Concen: 44.974 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

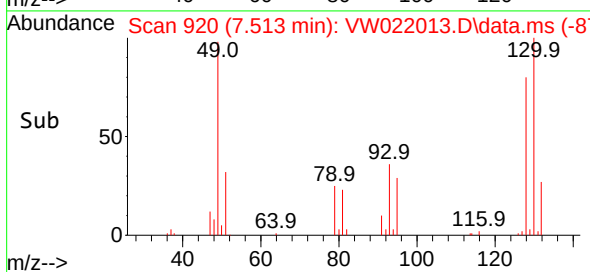
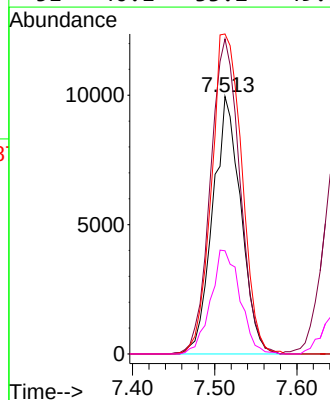
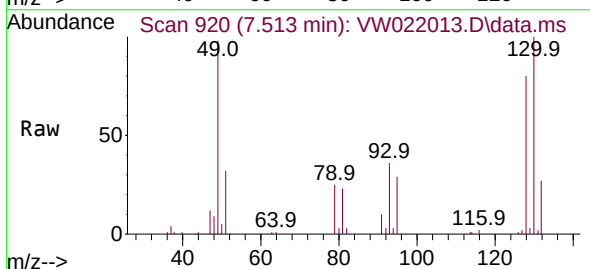
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

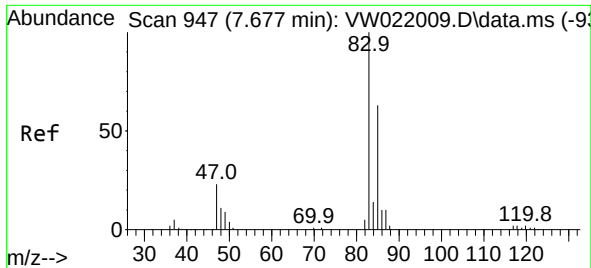
Tgt Ion: 43 Resp: 18698
Ion Ratio Lower Upper
43 100
72 33.3 16.8 50.4



#23
Bromochloromethane
Concen: 23.437 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 128 Resp: 23678
Ion Ratio Lower Upper
128 100
49 122.4 92.7 172.3
130 124.3 92.5 171.7
51 40.1 33.2 49.8

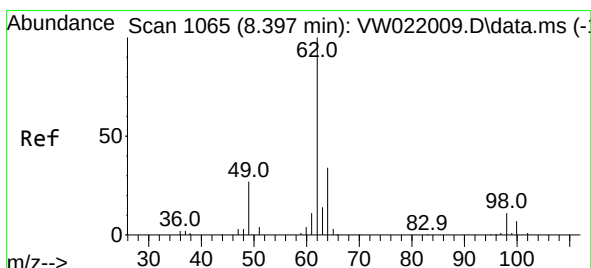
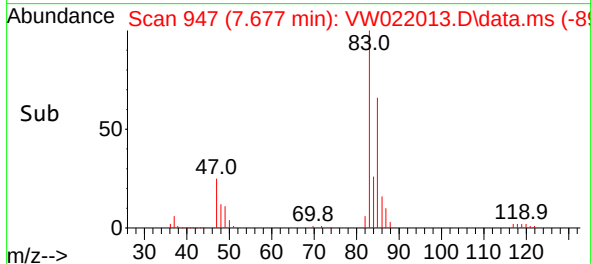
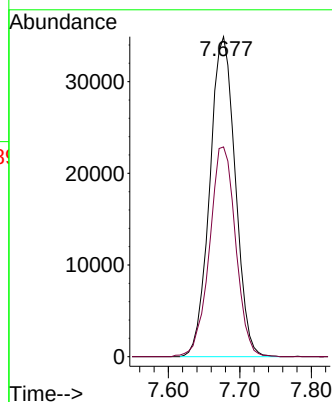
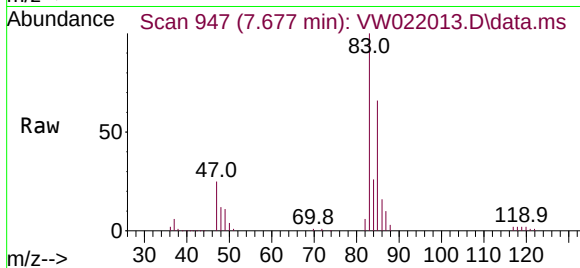




#25
Chloroform
Concen: 24.620 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

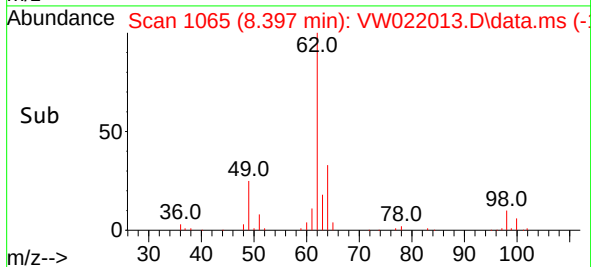
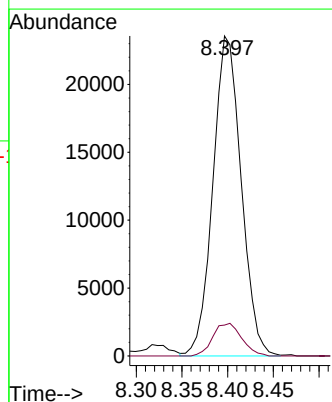
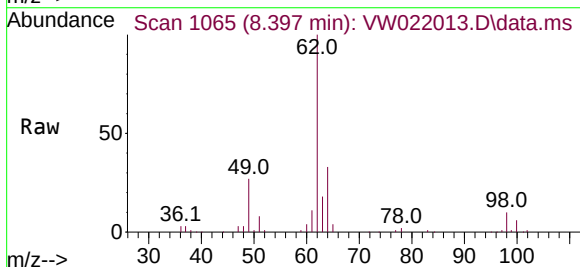
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

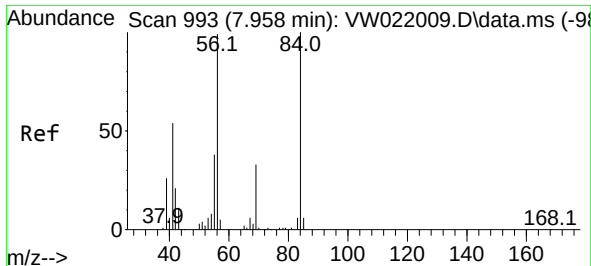
Tgt Ion: 83 Resp: 86328
Ion Ratio Lower Upper
83 100
85 65.6 44.2 82.2



#27
1,2-Dichloroethane
Concen: 24.571 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 62 Resp: 50716
Ion Ratio Lower Upper
62 100
98 9.7 8.8 13.2





#29

Cyclohexane

Concen: 24.066 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

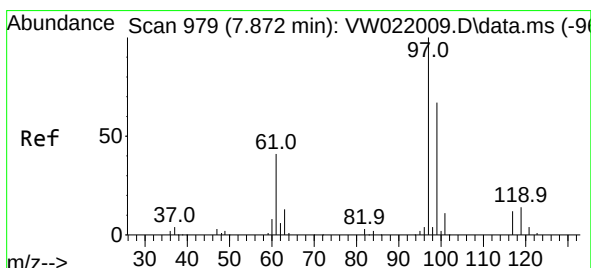
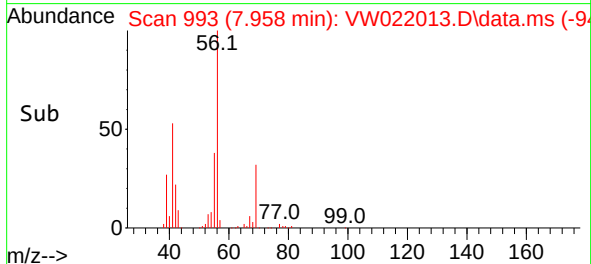
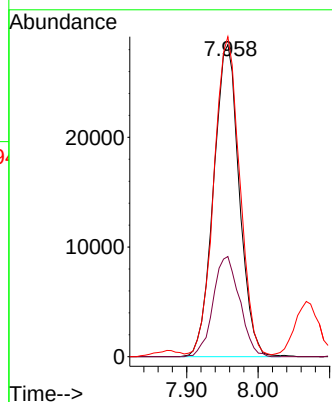
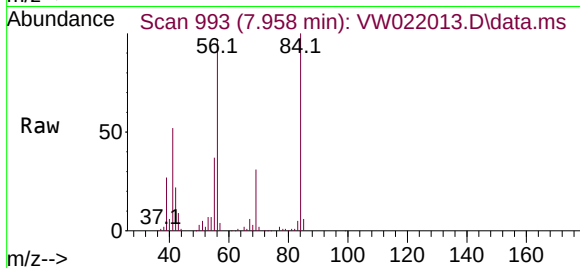
Tgt Ion: 56 Resp: 71036

Ion Ratio Lower Upper

56 100

69 33.1 26.3 39.5

84 103.5 82.3 123.5



#30

1,1,1-Trichloroethane

Concen: 23.641 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

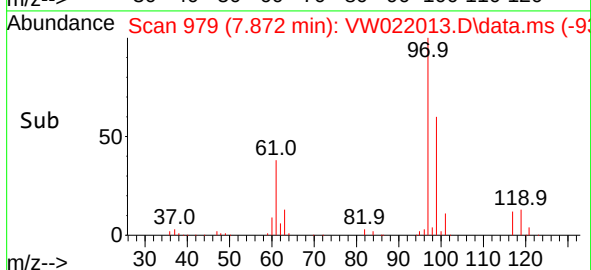
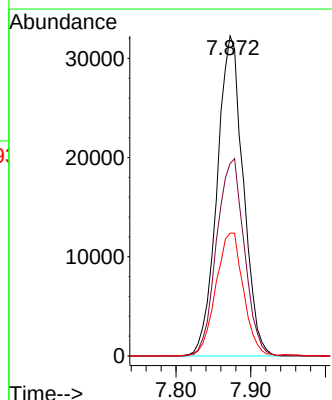
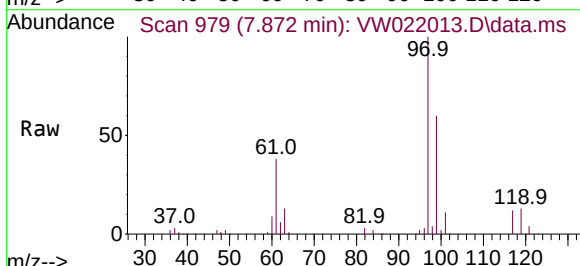
Tgt Ion: 97 Resp: 78670

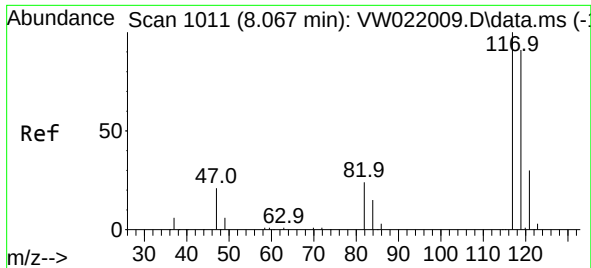
Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

61 40.4 32.3 48.5

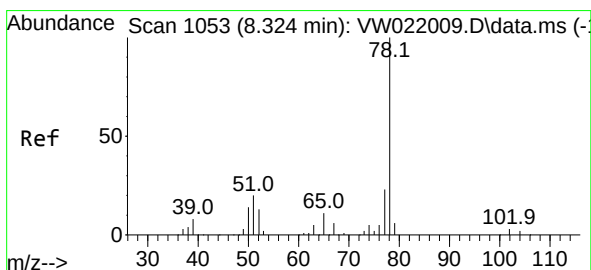
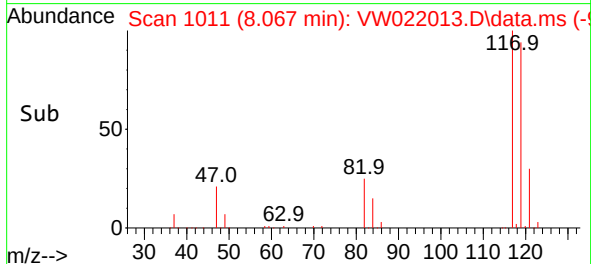
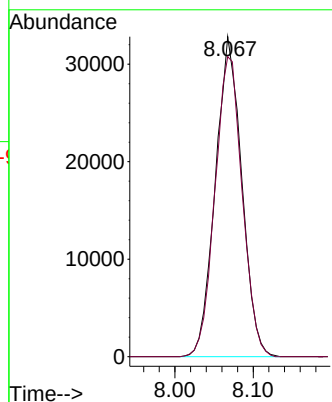
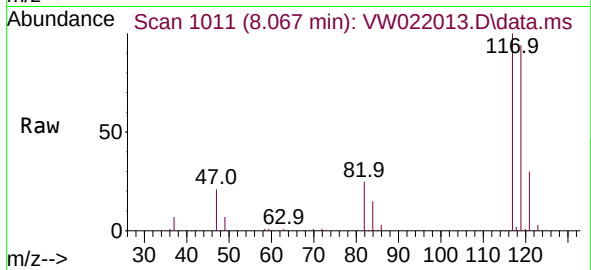




#31
Carbon tetrachloride
Concen: 23.564 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

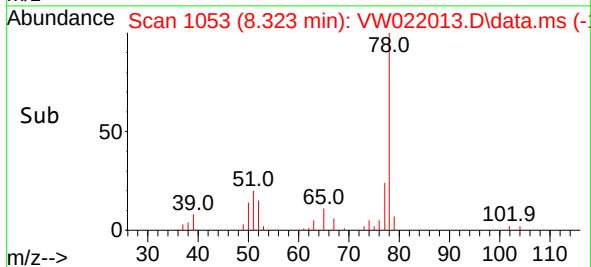
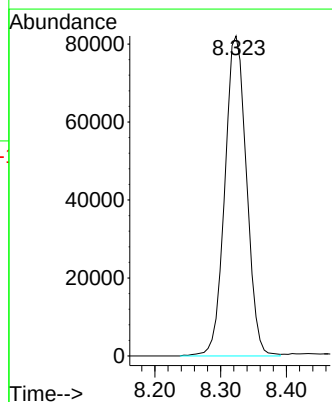
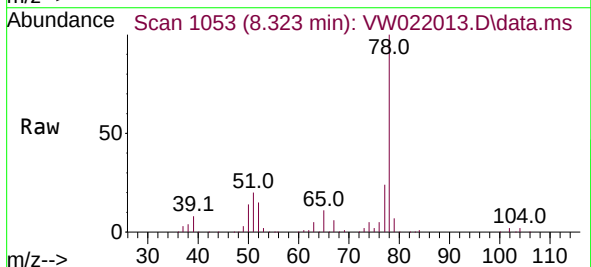
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

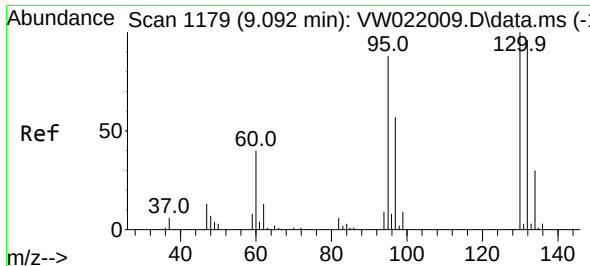
Tgt Ion:117 Resp: 76752
Ion Ratio Lower Upper
117 100
119 97.1 74.7 112.1



#33
Benzene
Concen: 23.874 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 78 Resp: 188217

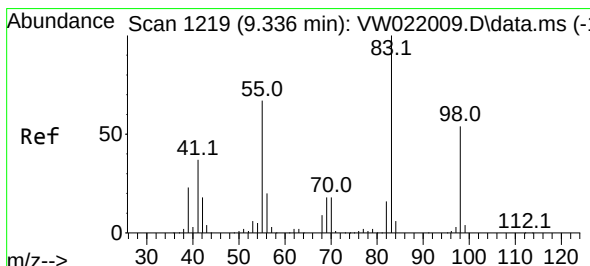
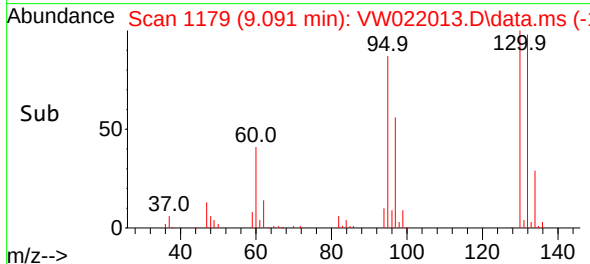
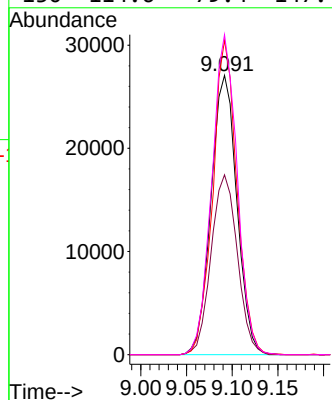
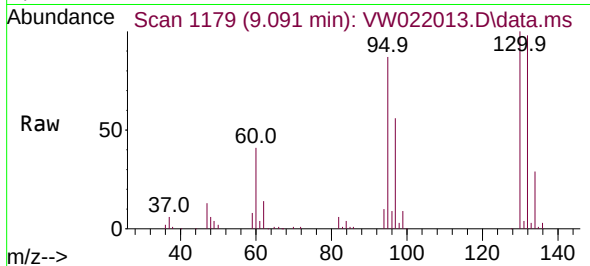




#34
Trichloroethene
Concen: 23.796 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

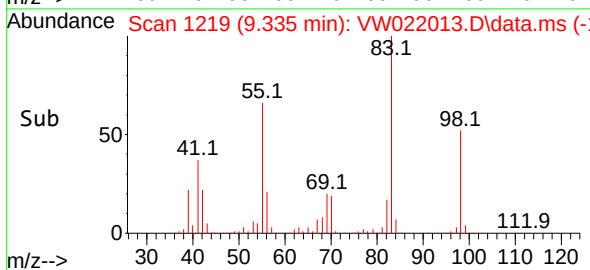
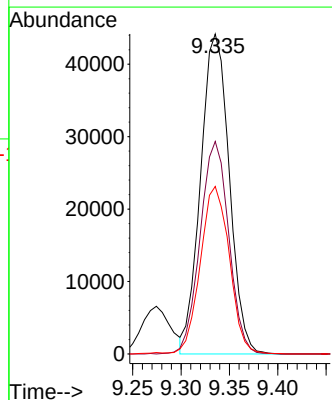
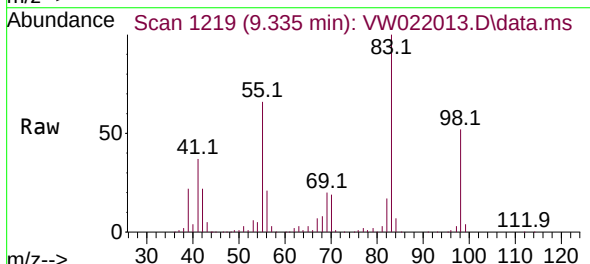
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

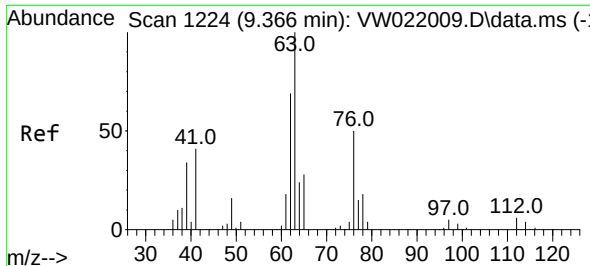
Tgt Ion: 95 Resp: 53338
Ion Ratio Lower Upper
95 100
97 64.4 45.1 83.7
132 112.6 76.1 141.3
130 114.6 79.4 147.4



#35
Methylcyclohexane
Concen: 24.133 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 83 Resp: 91263
Ion Ratio Lower Upper
83 100
55 66.3 53.4 80.2
98 53.0 42.6 63.8





#37

1,2-Dichloropropane

Concen: 23.767 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

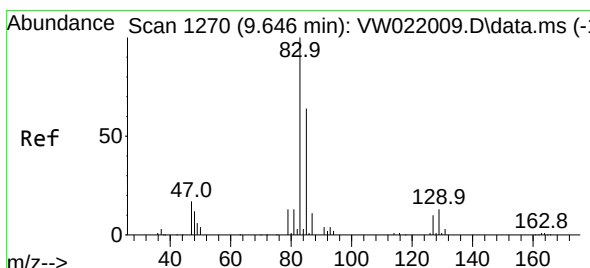
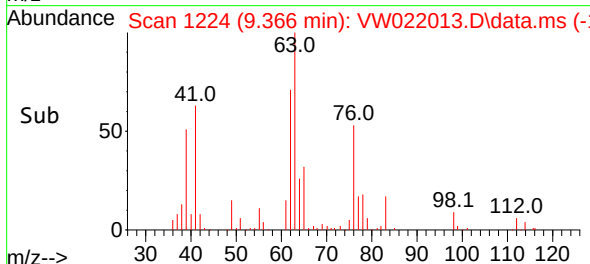
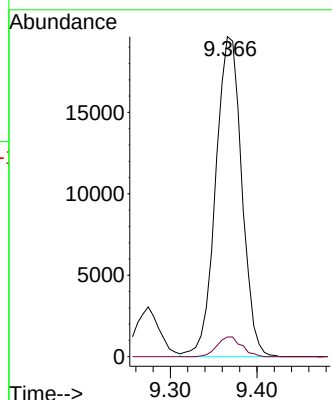
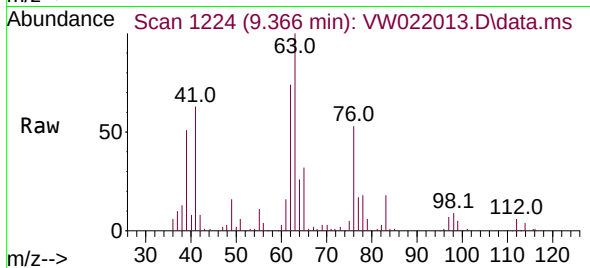
VSTD025549

Tgt Ion: 63 Resp: 41154

Ion Ratio Lower Upper

63 100

112 5.8 4.7 7.1



#38

Bromodichloromethane

Concen: 24.646 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

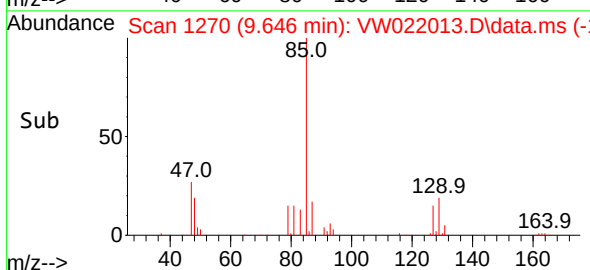
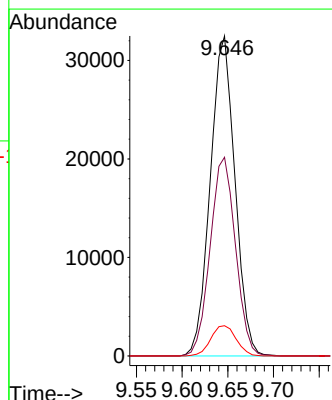
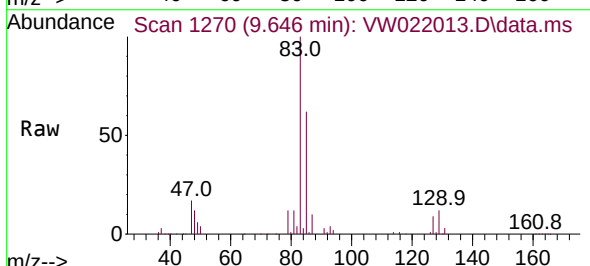
Tgt Ion: 83 Resp: 60946

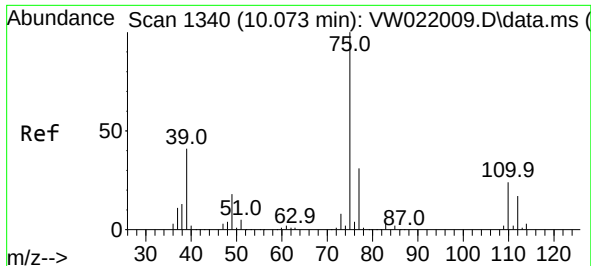
Ion Ratio Lower Upper

83 100

85 62.1 44.7 83.1

127 9.4 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 24.666 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

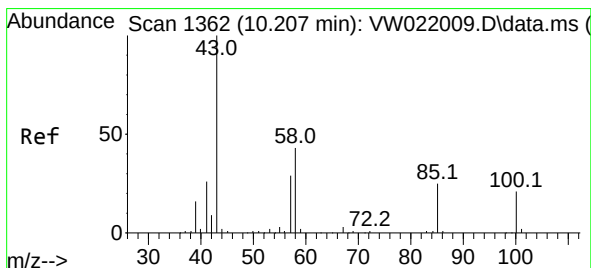
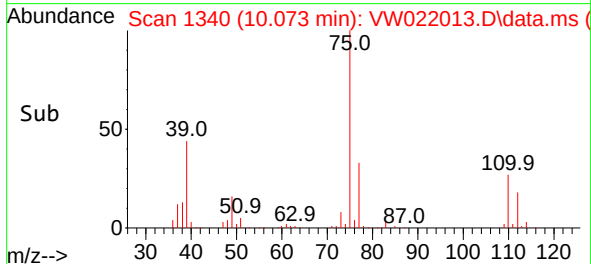
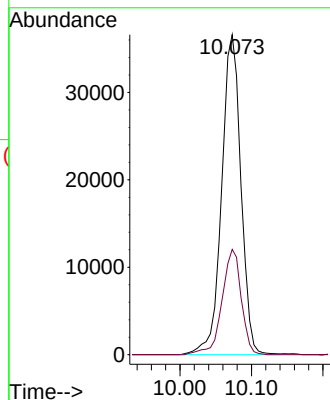
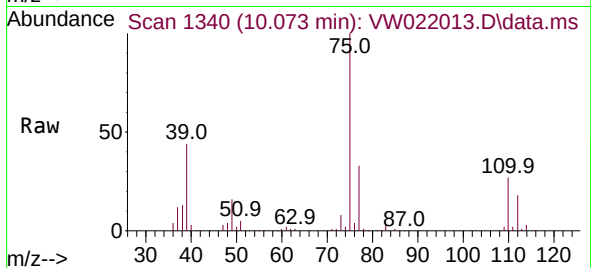
VSTD025549

Tgt Ion: 75 Resp: 68504

Ion Ratio Lower Upper

75 100

77 32.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 45.047 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

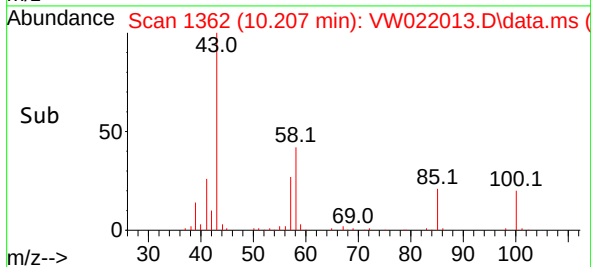
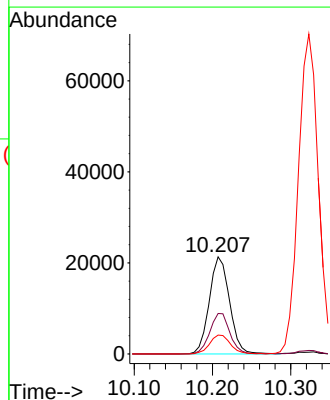
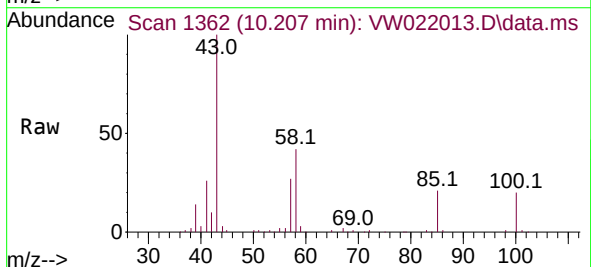
Tgt Ion: 43 Resp: 38270

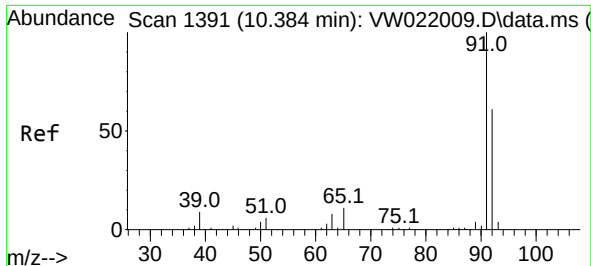
Ion Ratio Lower Upper

43 100

58 41.3 34.4 51.6

100 19.9 17.0 25.4

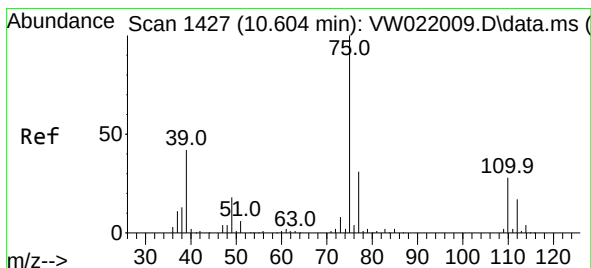
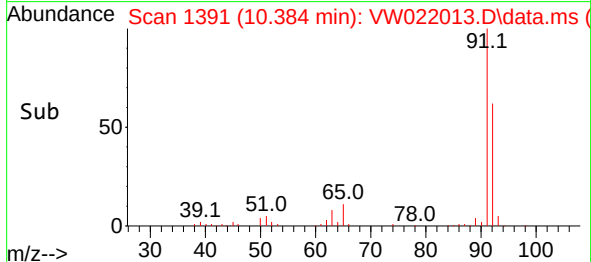
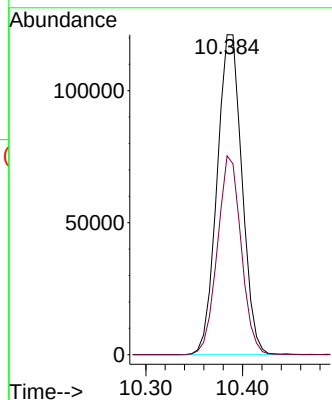
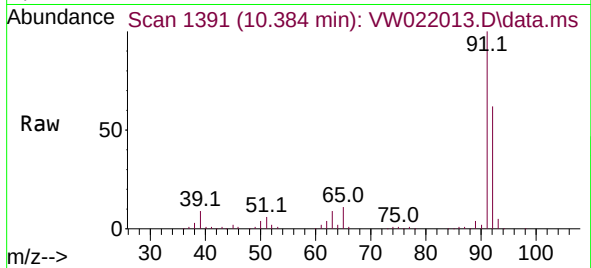




#42
Toluene
Concen: 24.234 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

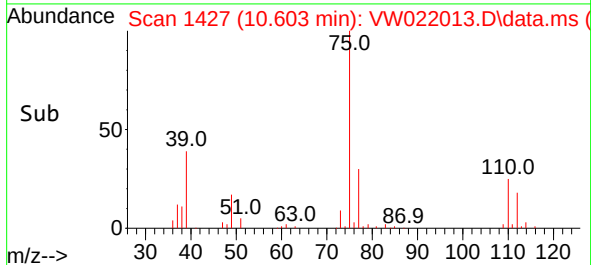
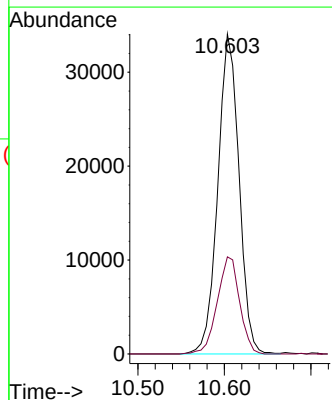
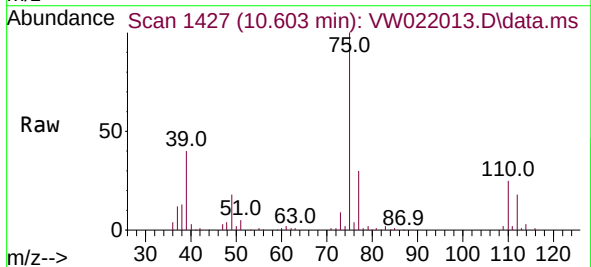
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

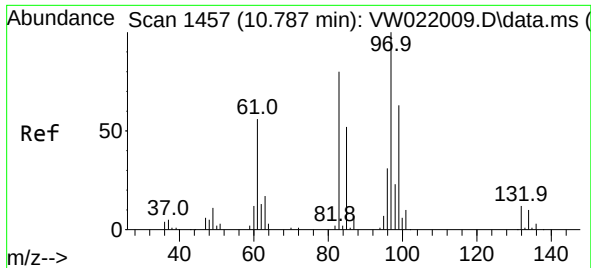
Tgt Ion: 91 Resp: 216574
Ion Ratio Lower Upper
91 100
92 62.2 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 24.201 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 75 Resp: 57941
Ion Ratio Lower Upper
75 100
77 30.4 22.1 41.1

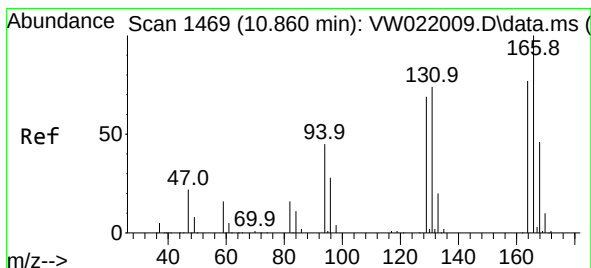
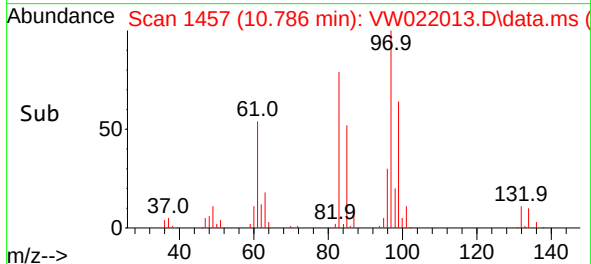
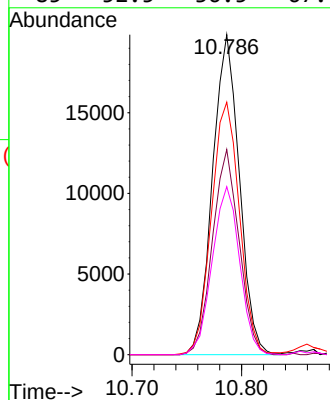
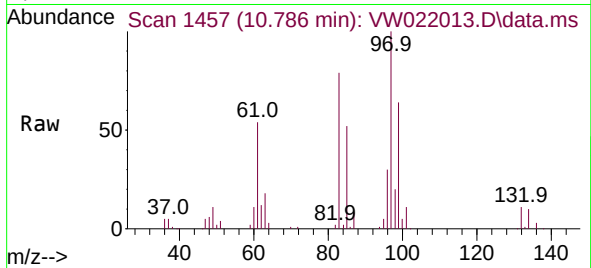




#45
1,1,2-Trichloroethane
Concen: 22.897 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

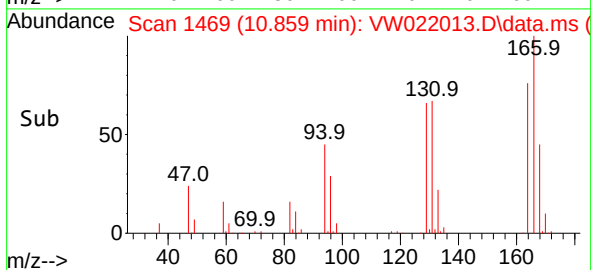
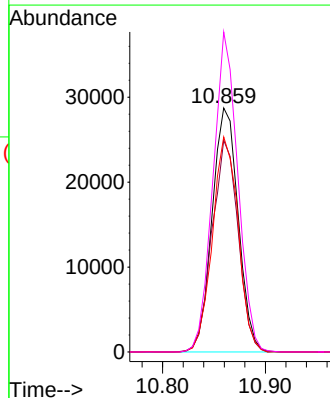
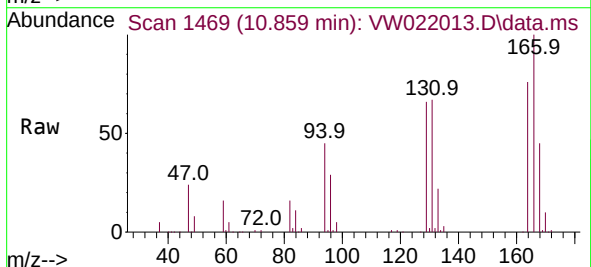
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

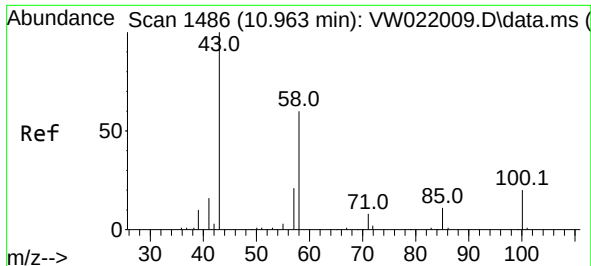
Tgt Ion: 97	Resp: 33699
Ion Ratio	Lower Upper
97 100	
99 64.1	43.8 81.4
83 78.9	56.1 104.3
85 52.5	36.5 67.7



#46
Tetrachloroethene
Concen: 24.267 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt	Ion:164	Resp:	50702
Ion	Ratio	Lower	Upper
164	100		
129	86.7	62.6	116.2
131	88.1	67.1	124.7
166	131.2	91.1	169.1

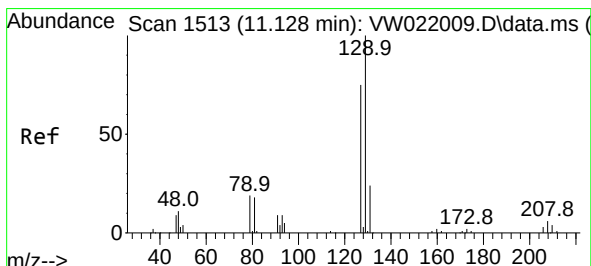
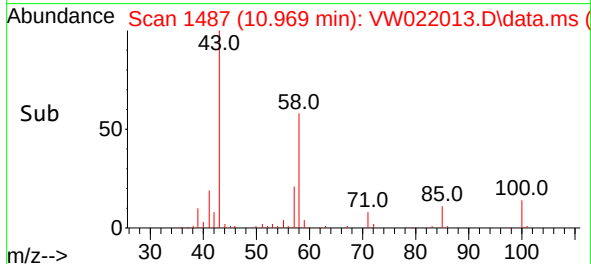
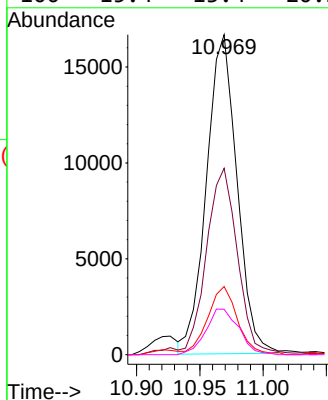
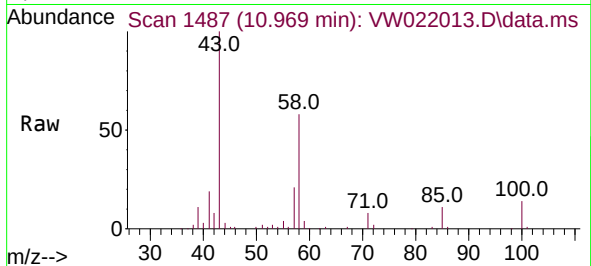




#48
2-Hexanone
Concen: 44.201 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

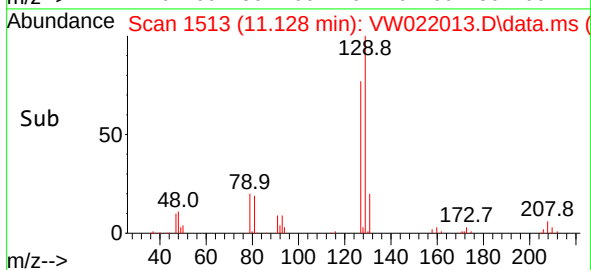
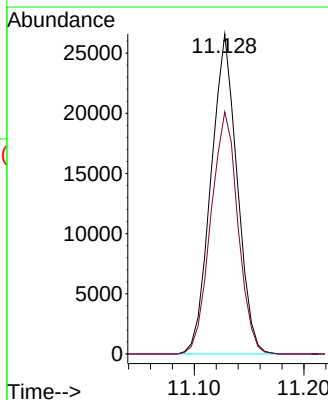
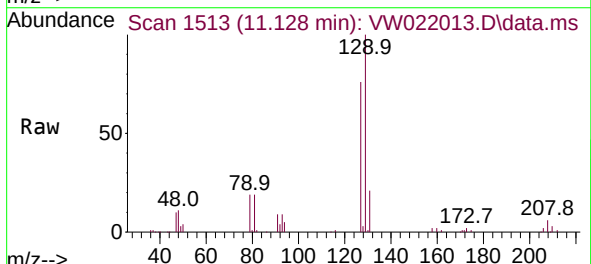
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

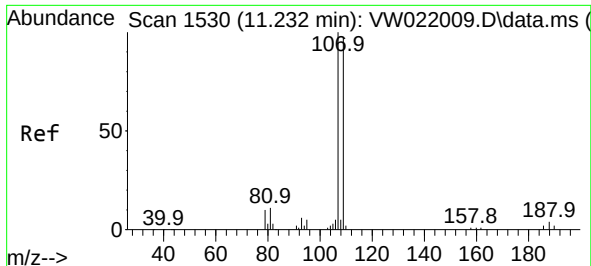
Tgt Ion: 43	Resp: 27950
Ion Ratio	Lower Upper
43 100	
58 58.9	49.2 73.8
57 21.1	16.6 24.8
100 15.4	13.4 20.2



#49
Dibromochloromethane
Concen: 23.818 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion:129	Resp:	44141	
Ion	Ratio	Lower	Upper
129	100		
127	75.7	52.6	97.6





#50

1,2-Dibromoethane

Concen: 23.482 ug/L

RT: 11.237 min Scan# 1530

Delta R.T. 0.006 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

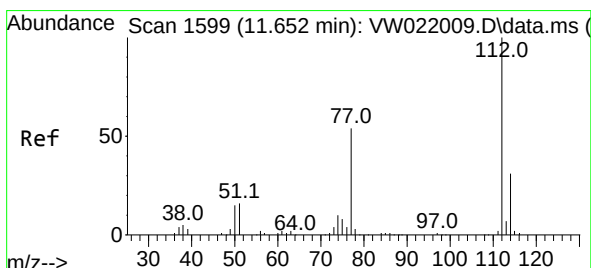
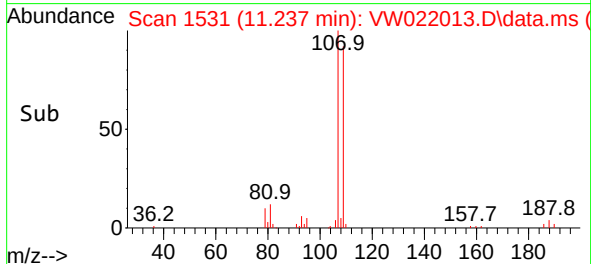
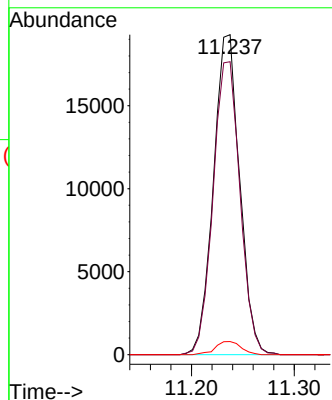
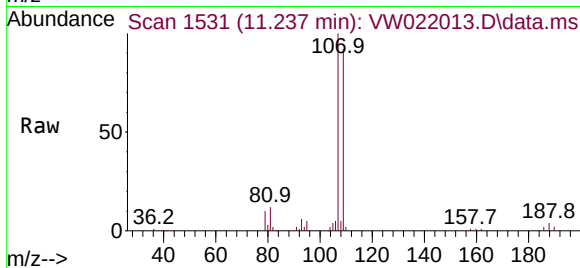
Tgt Ion:107 Resp: 34216

Ion Ratio Lower Upper

107 100

109 91.5 68.0 126.2

188 4.1 3.2 4.8



#51

Chlorobenzene

Concen: 23.739 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

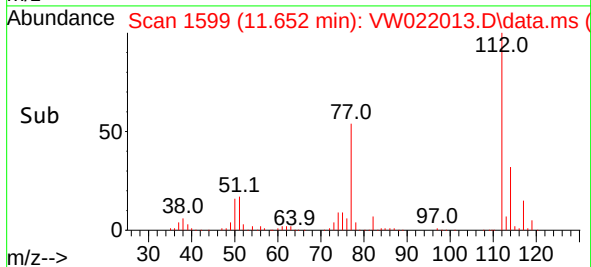
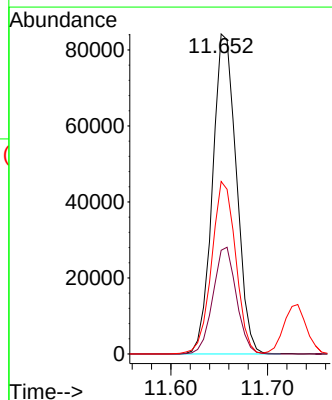
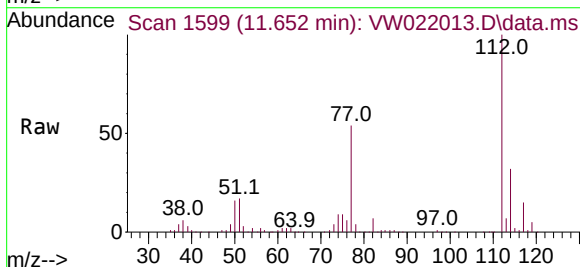
Tgt Ion:112 Resp: 144380

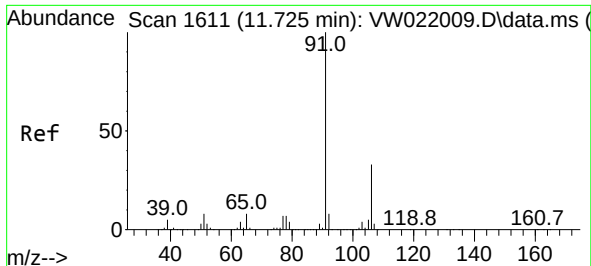
Ion Ratio Lower Upper

112 100

114 32.4 21.5 39.9

77 53.9 43.6 65.4

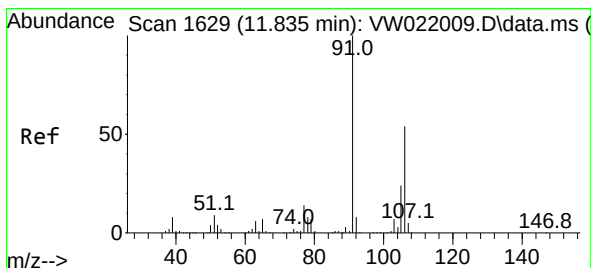
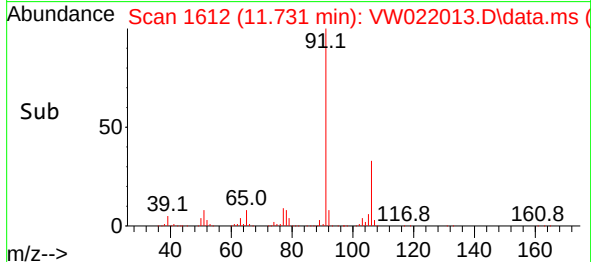
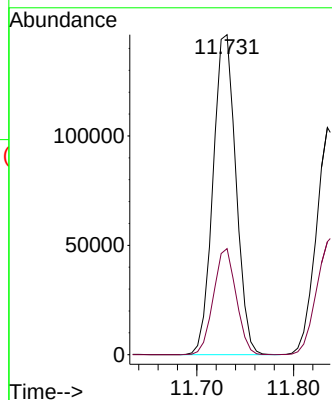
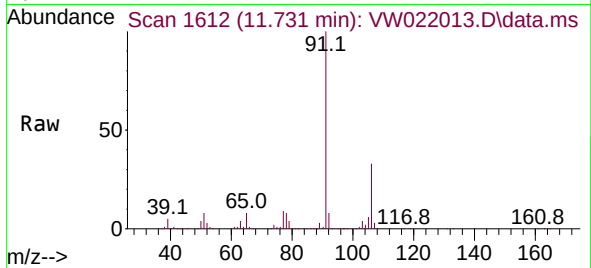




#52
Ethylbenzene
Concen: 24.416 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

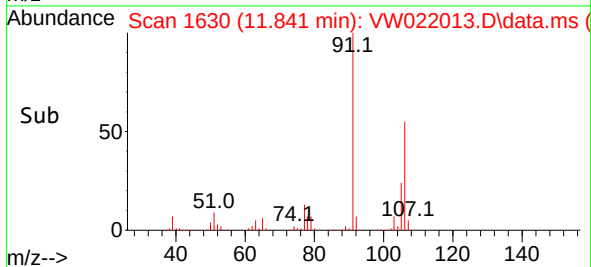
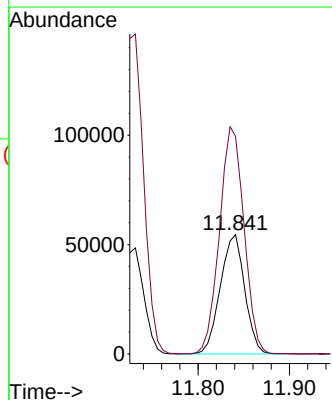
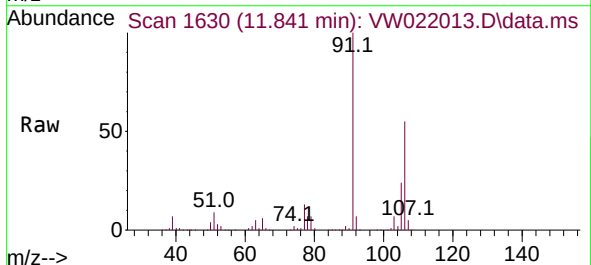
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

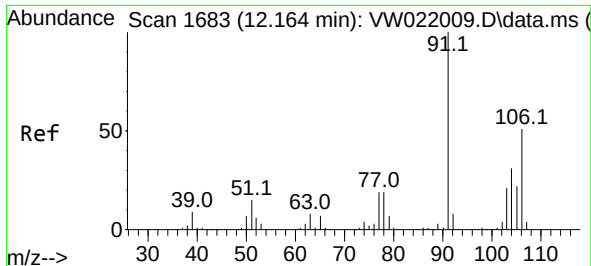
Tgt Ion: 91 Resp: 240748
Ion Ratio Lower Upper
91 100
106 33.1 22.8 42.4



#53
m,p-Xylene
Concen: 24.741 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 106 Resp: 101214
Ion Ratio Lower Upper
106 100
91 182.3 129.6 240.8

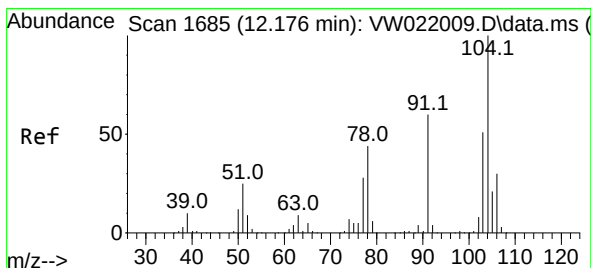
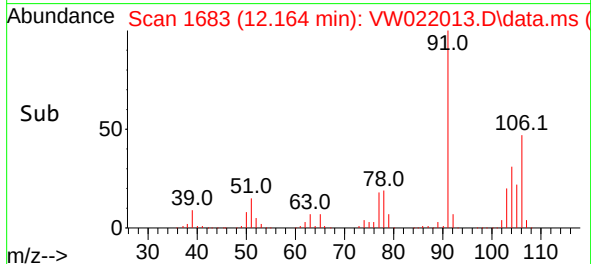
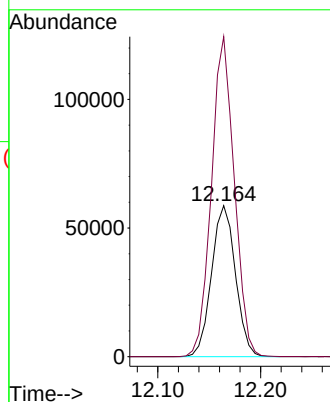
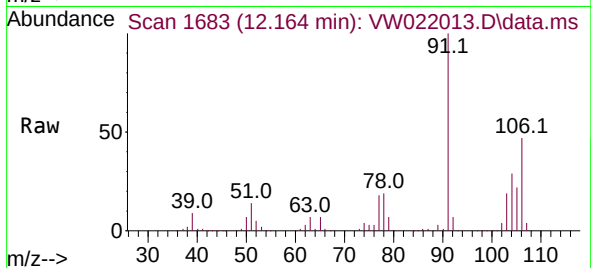




#54
o-Xylene
Concen: 24.801 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

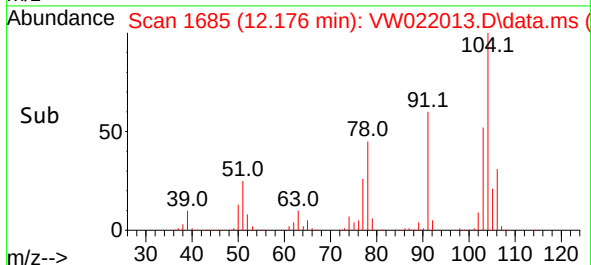
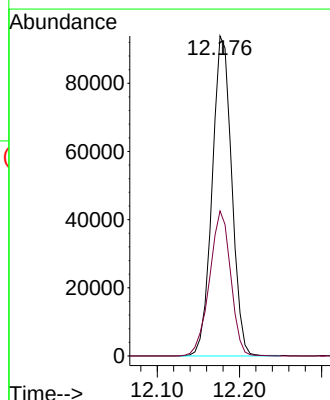
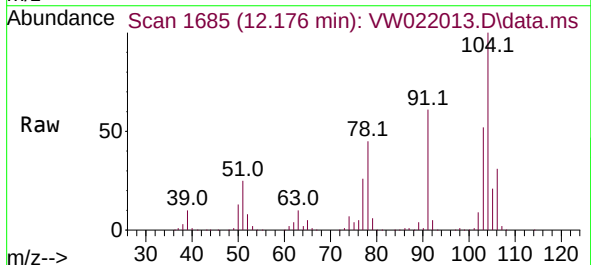
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

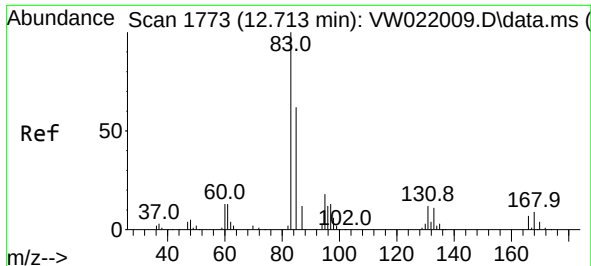
Tgt Ion:106 Resp: 94912
Ion Ratio Lower Upper
106 100
91 211.9 136.4 253.4



#55
Styrene
Concen: 25.103 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion:104 Resp: 155176
Ion Ratio Lower Upper
104 100
78 45.3 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 22.909 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

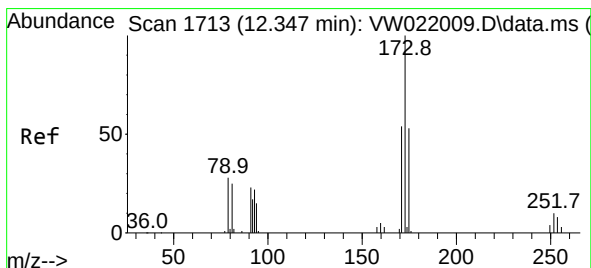
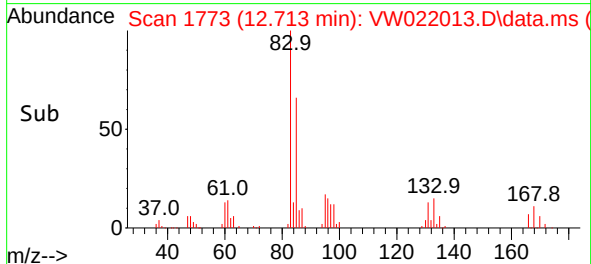
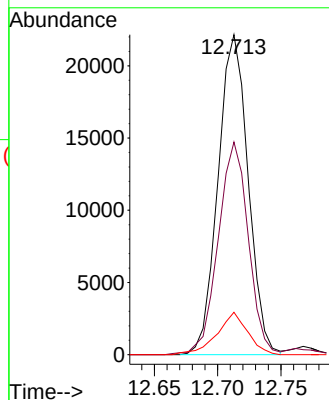
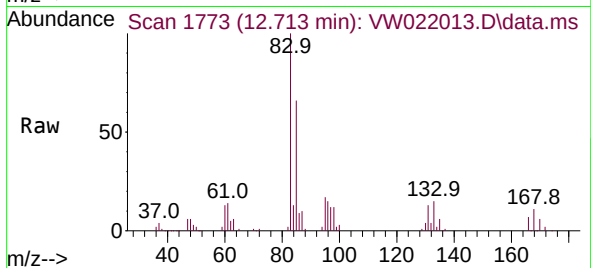
Tgt Ion: 83 Resp: 36699

Ion Ratio Lower Upper

83 100

85 66.4 43.8 81.3

131 13.2 9.8 14.8



#59

Bromoform

Concen: 23.653 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

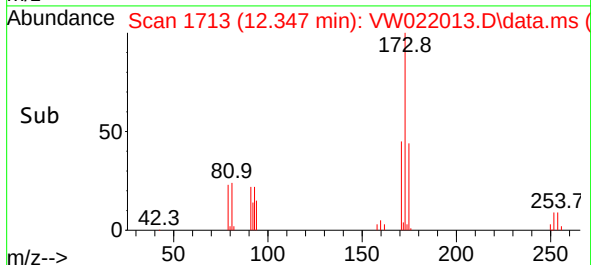
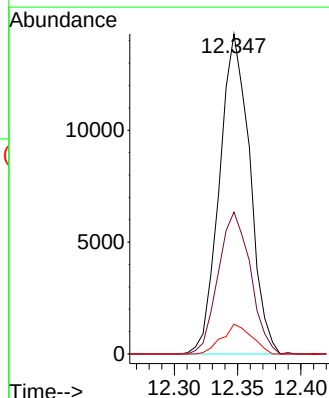
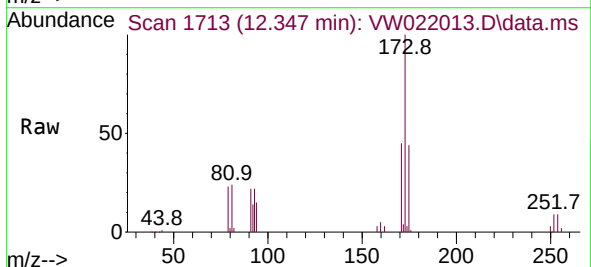
Tgt Ion: 173 Resp: 23856

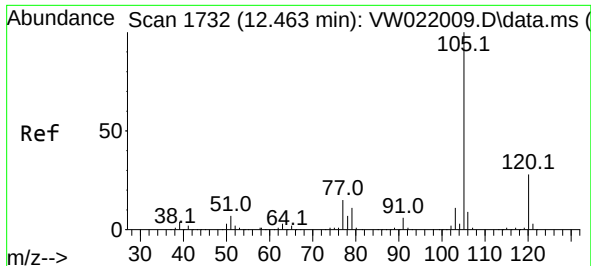
Ion Ratio Lower Upper

173 100

175 47.1 41.0 61.4

254 9.1 3.4 5.2#

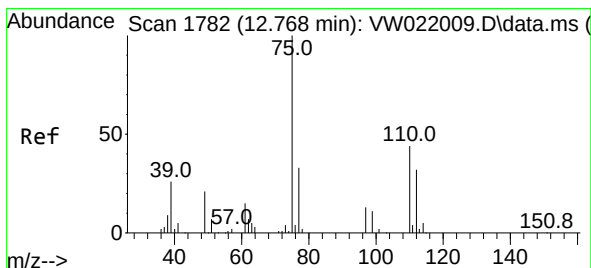
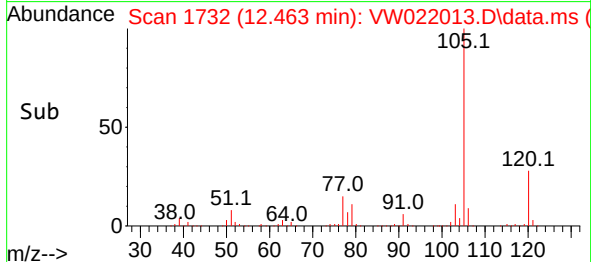
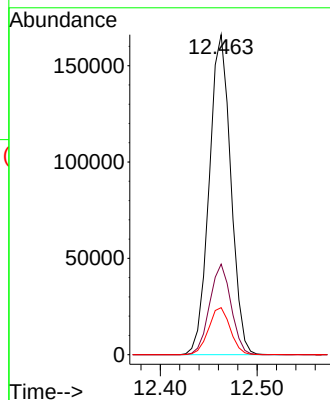
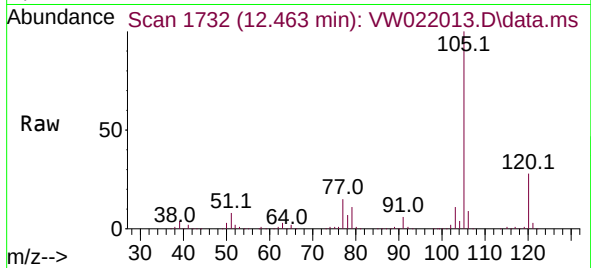




#60
Isopropylbenzene
Concen: 25.845 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

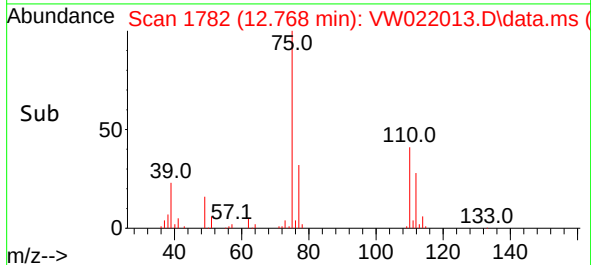
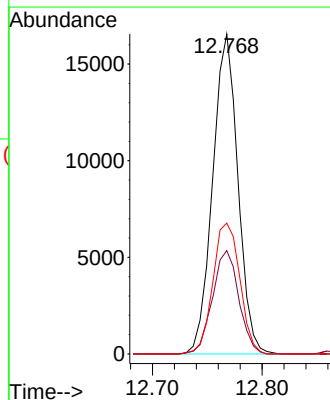
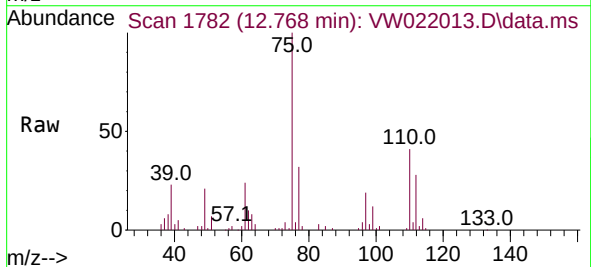
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

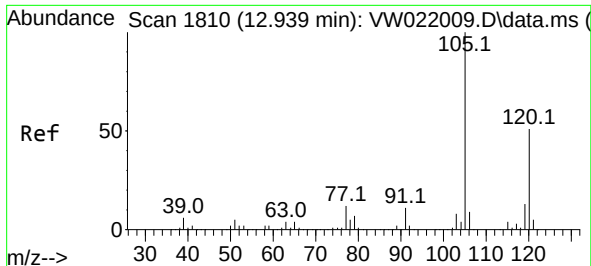
Tgt Ion:105 Resp: 257865
Ion Ratio Lower Upper
105 100
120 28.0 22.1 33.1
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 23.794 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion: 75 Resp: 26471
Ion Ratio Lower Upper
75 100
77 33.7 27.3 40.9
110 43.6 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 26.674 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

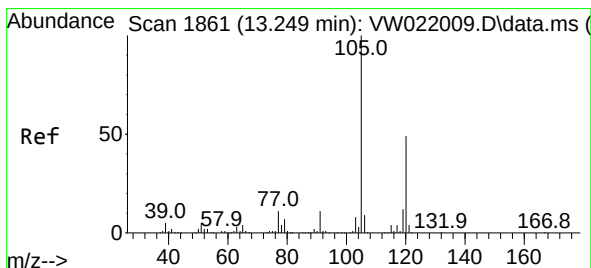
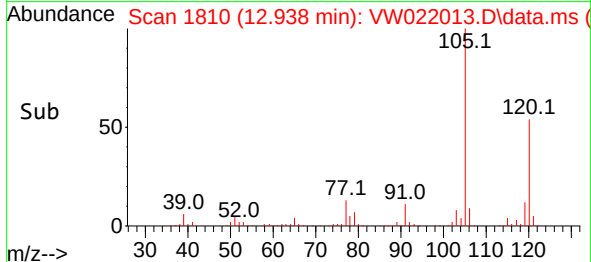
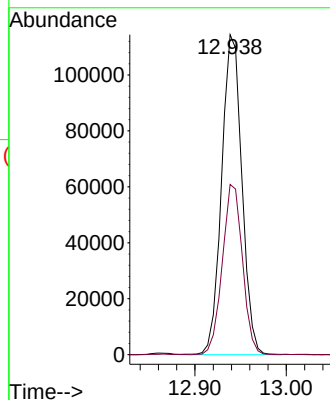
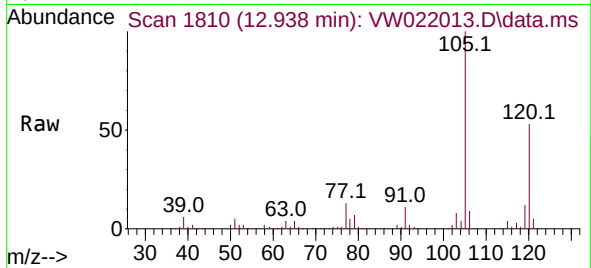
VSTD025549

Tgt Ion:105 Resp: 176507

Ion Ratio Lower Upper

105 100

120 52.9 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 26.951 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022013.D

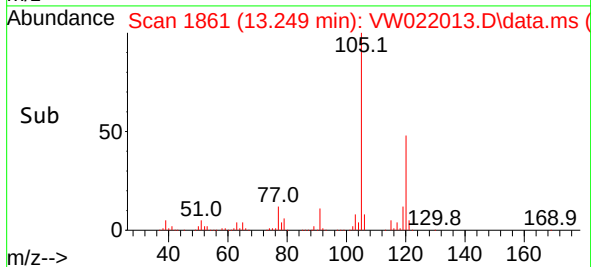
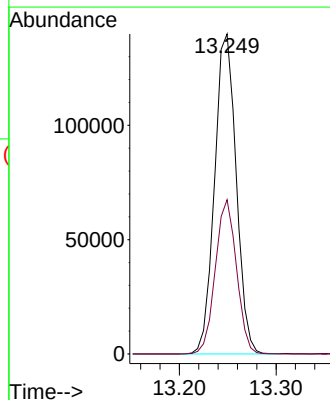
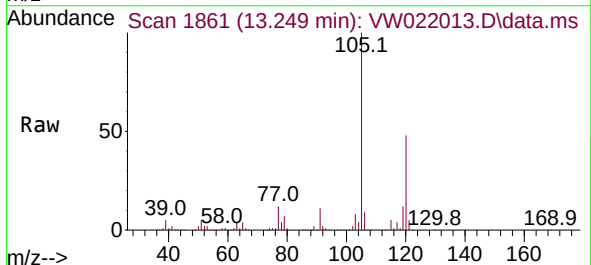
Acq: 01 Feb 2022 19:22

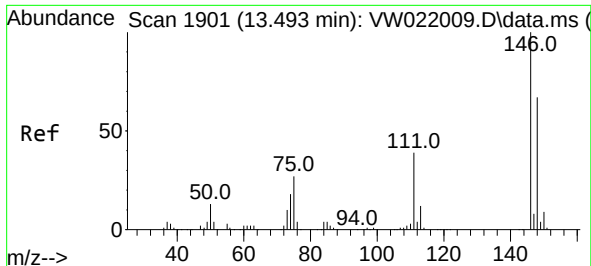
Tgt Ion:105 Resp: 217279

Ion Ratio Lower Upper

105 100

120 47.2 37.8 56.8

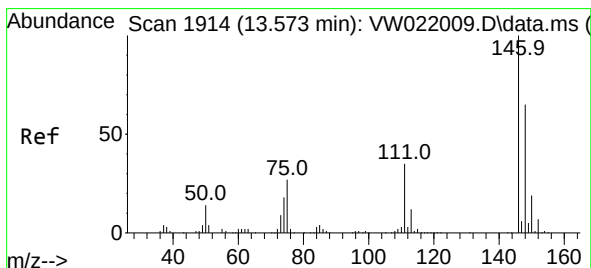
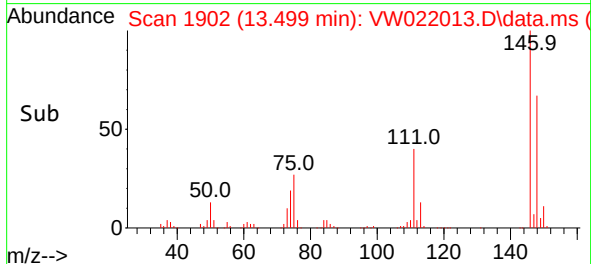
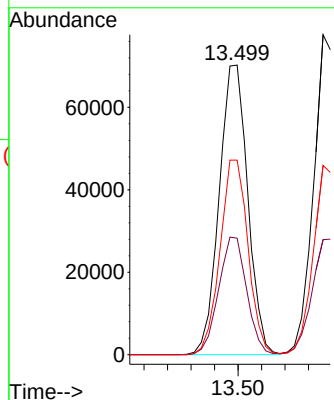
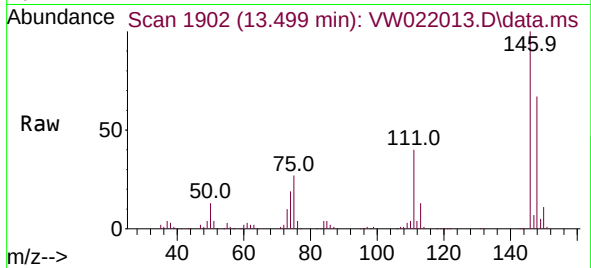




#64
1,3-Dichlorobenzene
Concen: 24.833 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

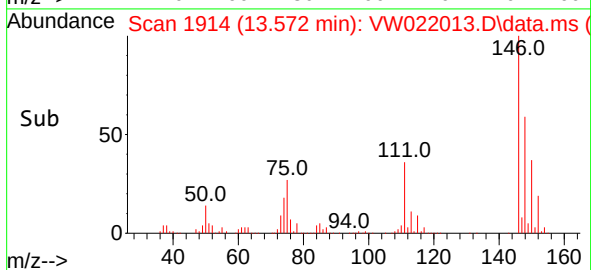
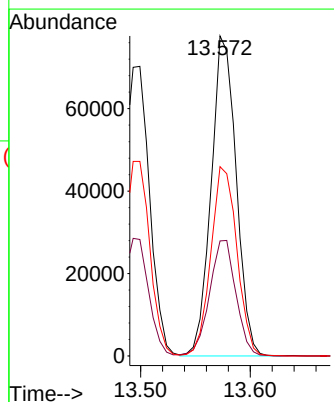
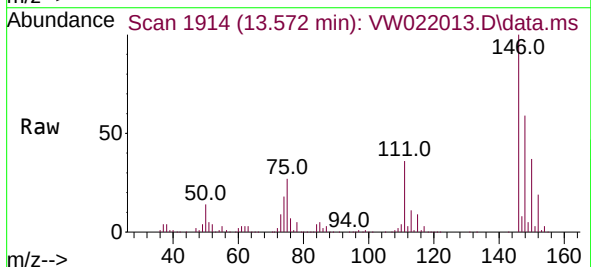
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

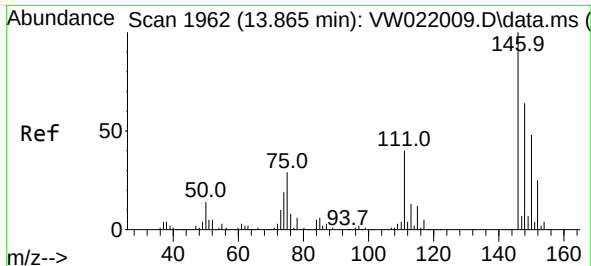
Tgt Ion:146 Resp: 118714
Ion Ratio Lower Upper
146 100
111 40.2 27.3 50.7
148 67.2 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 25.803 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion:146 Resp: 123471
Ion Ratio Lower Upper
146 100
111 35.9 24.4 45.4
148 59.2 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 25.621 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

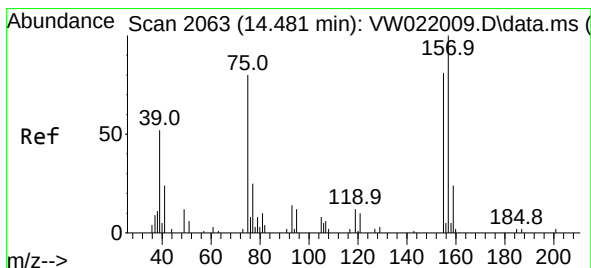
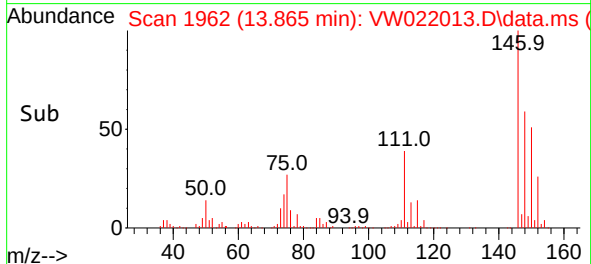
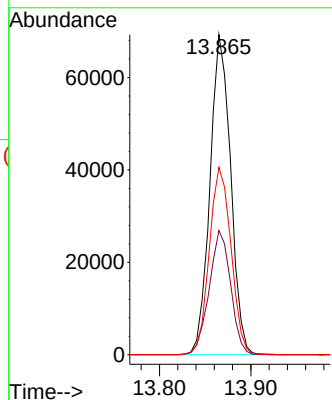
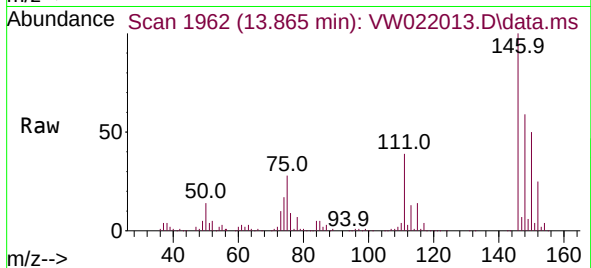
Tgt Ion:146 Resp: 108856

Ion Ratio Lower Upper

146 100

111 38.8 32.2 48.4

148 58.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.108 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

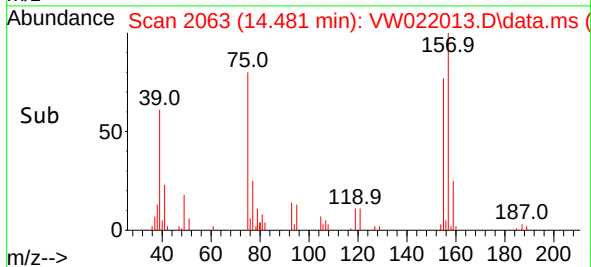
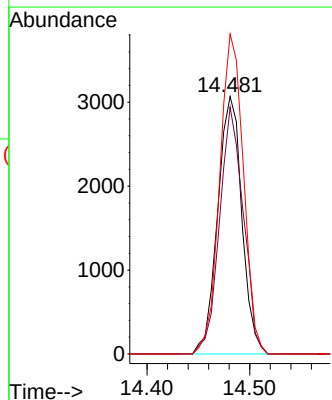
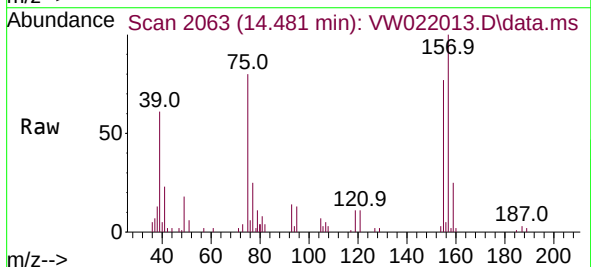
Tgt Ion: 75 Resp: 5004

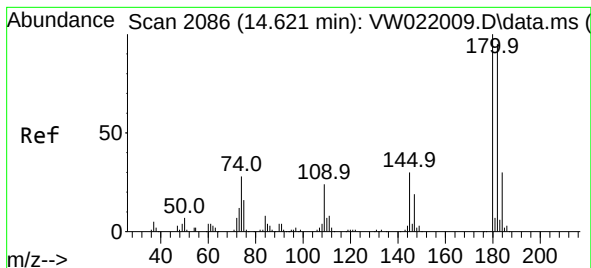
Ion Ratio Lower Upper

75 100

155 95.9 80.9 121.3

157 124.3 100.3 150.5





#69

1,3,5-Trichlorobenzene

Concen: 24.794 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

Tgt Ion:180 Resp: 85215

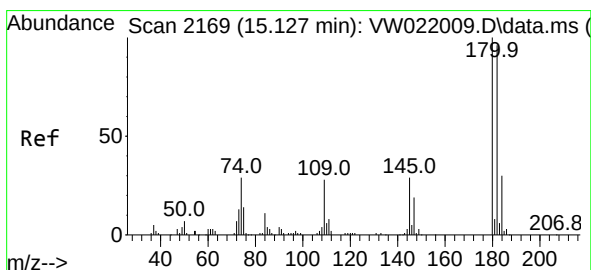
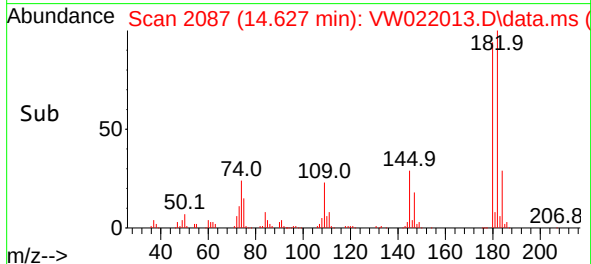
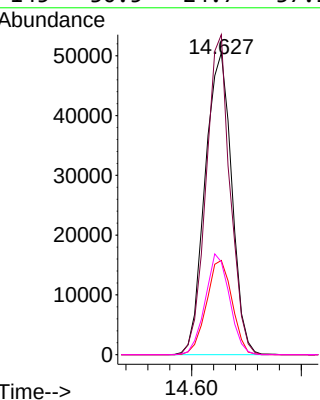
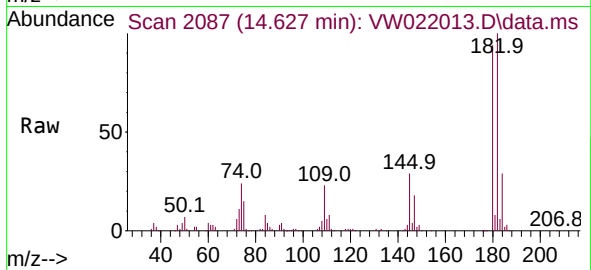
Ion Ratio Lower Upper

180 100

182 95.4 77.4 116.2

184 30.1 25.2 37.8

145 30.5 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 24.636 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022013.D

Acq: 01 Feb 2022 19:22

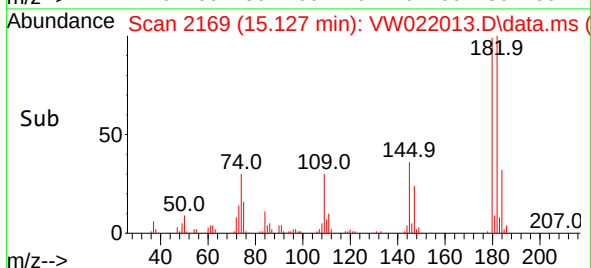
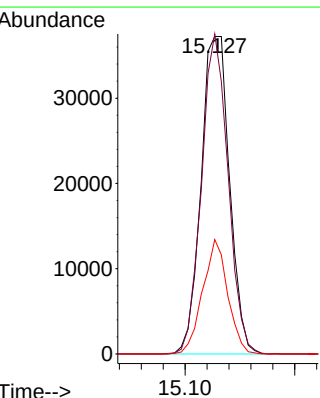
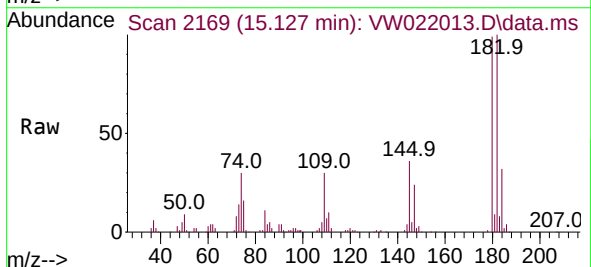
Tgt Ion:180 Resp: 67257

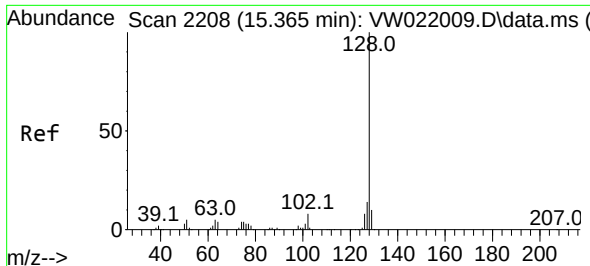
Ion Ratio Lower Upper

180 100

182 93.6 74.6 111.8

145 31.7 25.0 37.6

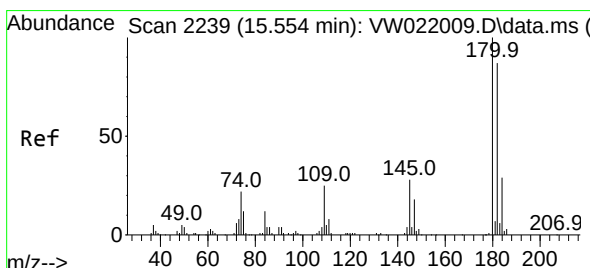
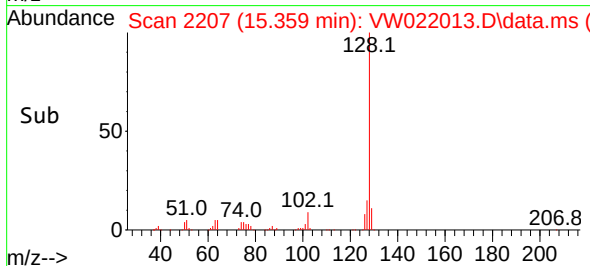
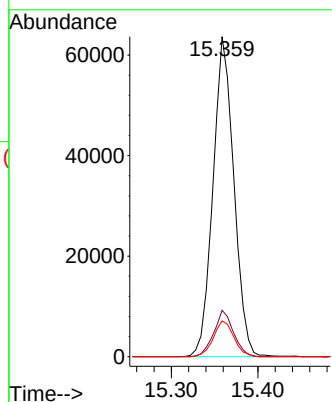
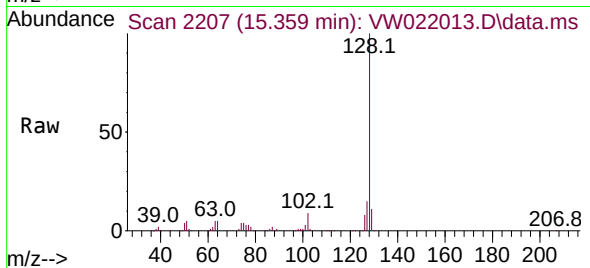




#71
Naphthalene
Concen: 23.946 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion:128	Resp:	106656
Ion Ratio	Lower	Upper
128	100	
127	13.7	11.0 16.4
129	11.0	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.909 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022013.D
Acq: 01 Feb 2022 19:22

Tgt Ion:180	Resp:	58121
Ion Ratio	Lower	Upper
180	100	
182	89.2	78.6 118.0
145	32.2	27.3 40.9

