

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023041.D
 Acq On : 16 May 2022 08:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: May 17 01:20:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 23:57:51 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.841	114	378516	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	367195	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	197106	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.349	65	195606	25.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.760%		
7) Chloroethane-d5		2.879	69	133034	26.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.320%		
11) 1,1-Dichloroethene-d2		4.013	63	241665	24.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.320%		
21) 2-Butanone-d5		7.073	46	73265	49.620	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.240%		
24) Chloroform-d		7.647	84	300054	27.057	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.240%		
26) 1,2-Dichloroethane-d4		8.305	65	160867	26.449	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.800%		
32) Benzene-d6		8.274	84	590073	27.880	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 111.520%		
36) 1,2-Dichloropropane-d6		9.268	67	164679	27.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.800%		
41) Toluene-d8		10.323	98	579879	28.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.440%		
43) trans-1,3-Dichloroprop...		10.579	79	76428	27.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 111.680%		
47) 2-Hexanone-d5		10.920	63	59784	52.676	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.360%		
56) 1,1,2,2-Tetrachloroeth...		12.688	84	148287	26.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.040%		
66) 1,2-Dichlorobenzene-d4		13.853	152	202671	29.415	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 117.640%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.007	85	38313	18.568	ug/L	96
3) Chloromethane		2.215	50	86681	21.739	ug/L	94
5) Vinyl chloride		2.361	62	157491	19.681	ug/L	99
6) Bromomethane		2.775	94	95309	18.550	ug/L	94
8) Chloroethane		2.916	64	78841	20.427	ug/L	97
9) Trichlorofluoromethane		3.257	101	78359	21.424	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...		4.068	101	116943	21.384	ug/L	96
12) 1,1-Dichloroethene		4.037	96	101959	21.031	ug/L	90
13) Acetone		4.123	43	42673	38.602	ug/L	99
14) Carbon disulfide		4.379	76	216769	16.309	ug/L	99
15) Methyl Acetate		4.671	43	46345	20.868	ug/L	100
16) Methylene chloride		4.915	84	117716	21.254	ug/L	97
17) trans-1,2-Dichloroethene		5.415	96	111497	20.437	ug/L	97
18) Methyl tert-butyl Ether		5.421	73	195796	23.510	ug/L #	90
19) 1,1-Dichloroethane		6.214	63	209800	22.690	ug/L	99
20) cis-1,2-Dichloroethene		7.165	96	132235	22.566	ug/L #	96
22) 2-Butanone		7.171	43	65123	42.124	ug/L	97
23) Bromochloromethane		7.512	128	59551	21.700	ug/L	90
25) Chloroform		7.671	83	235678	23.051	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023041.D
 Acq On : 16 May 2022 08:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

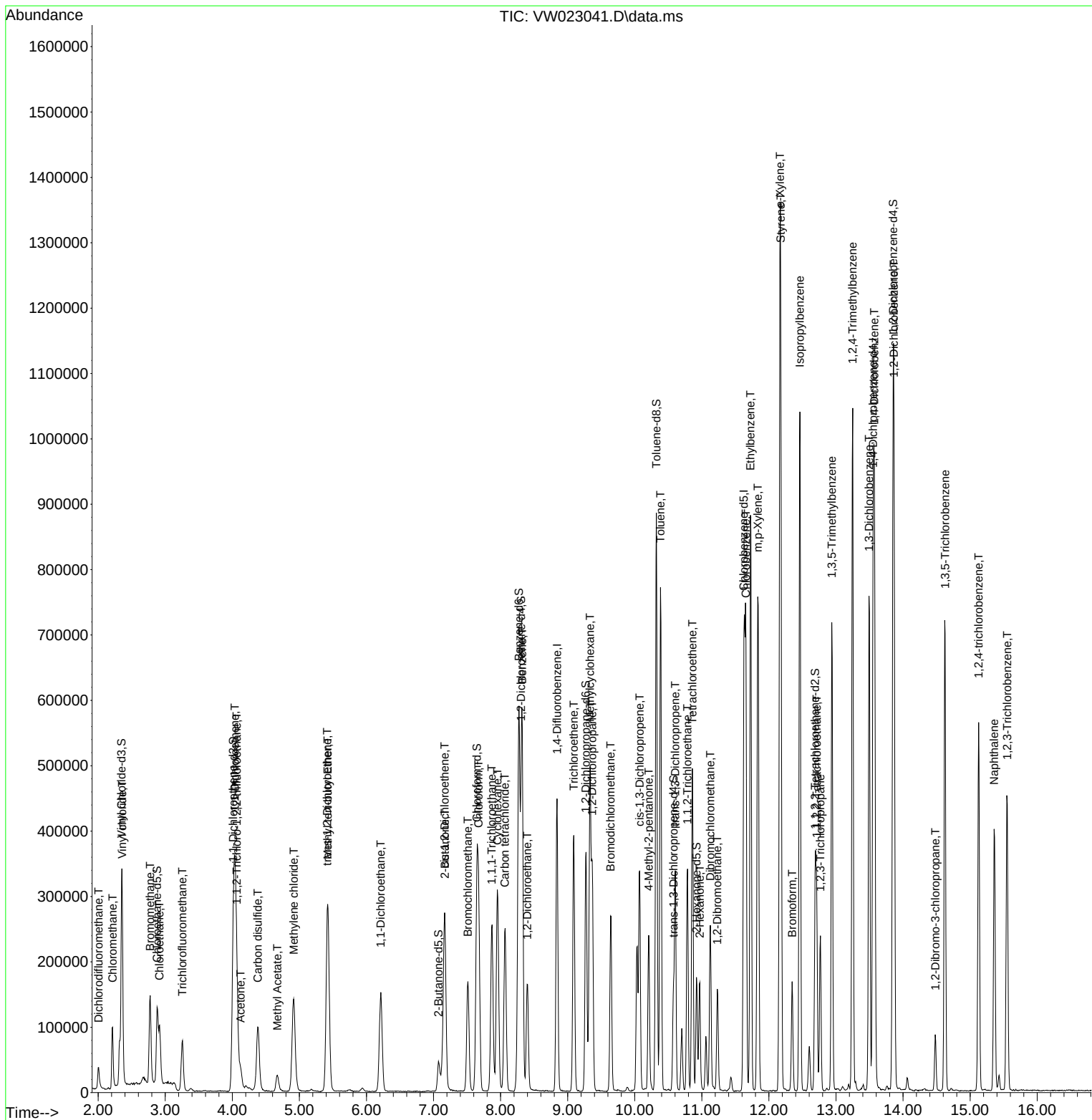
Quant Time: May 17 01:20:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 23:57:51 2022
 Response via : Initial Calibration

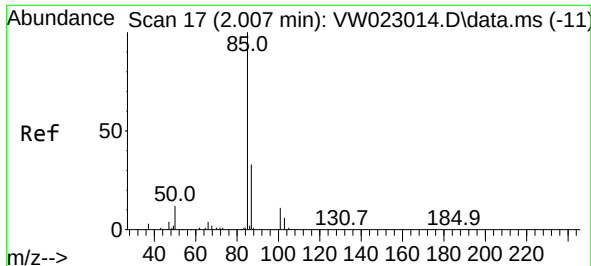
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	151896	22.287	ug/L	97
29) Cyclohexane	7.951	56	164138	20.669	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	202770	23.367	ug/L	99
31) Carbon tetrachloride	8.061	117	185537	22.857	ug/L	99
33) Benzene	8.323	78	478728	22.131	ug/L	100
34) Trichloroethene	9.091	95	133189	22.389	ug/L	97
35) Methylcyclohexane	9.335	83	206720	21.152	ug/L	99
37) 1,2-Dichloropropane	9.366	63	120048	22.933	ug/L	99
38) Bromodichloromethane	9.640	83	173262	23.303	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	195545	24.091	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	145996	44.248	ug/L	99
42) Toluene	10.384	91	558628	23.043	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	177425	24.490	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	103147	23.571	ug/L	98
46) Tetrachloroethene	10.859	164	97473	21.803	ug/L	98
48) 2-Hexanone	10.969	43	102523	46.505	ug/L	99
49) Dibromochloromethane	11.128	129	128632	24.423	ug/L	95
50) 1,2-Dibromoethane	11.231	107	99744	22.699	ug/L	95
51) Chlorobenzene	11.658	112	380824	23.828	ug/L	99
52) Ethylbenzene	11.725	91	629826	23.353	ug/L	99
53) m,p-Xylene	11.835	106	254211	23.922	ug/L	97
54) o-Xylene	12.164	106	244408	23.967	ug/L	98
55) Styrene	12.176	104	424236	24.482	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	128676	23.542	ug/L	95
59) Bromoform	12.347	173	69172	24.763	ug/L	99
60) Isopropylbenzene	12.463	105	683673	25.319	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	91277	23.176	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	375639	25.005	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	559705	24.813	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	311179	25.811	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	301732	24.230	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	275963	25.015	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18924	21.986	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	204542	25.560	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	167388	26.003	ug/L	99
71) Naphthalene	15.359	128	347723	24.853	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	144246	25.282	ug/L	99

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

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Quant Time: May 17 01:20:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 13 23:57:51 2022
Response via : Initial Calibration

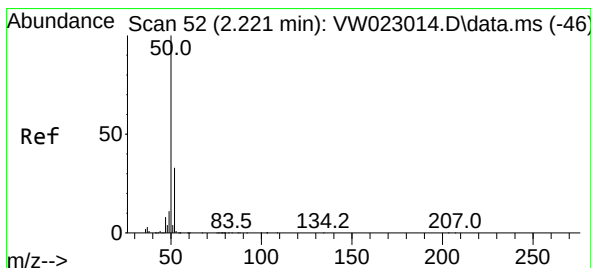
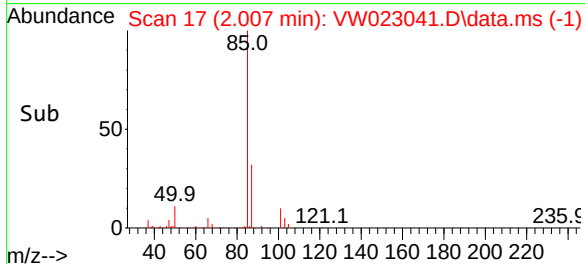
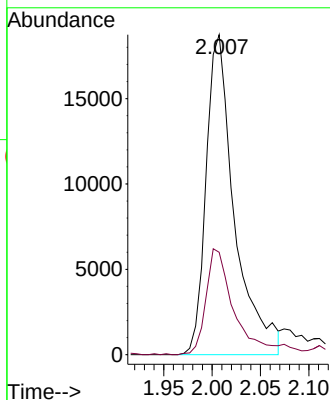
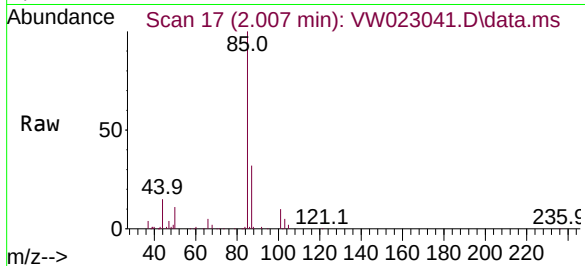




#2
 Dichlorodifluoromethane
 Concen: 18.568 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023041.D
 Acq: 16 May 2022 08:47

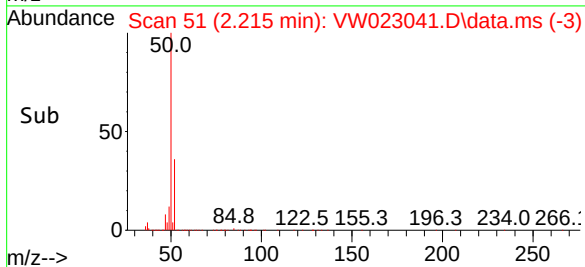
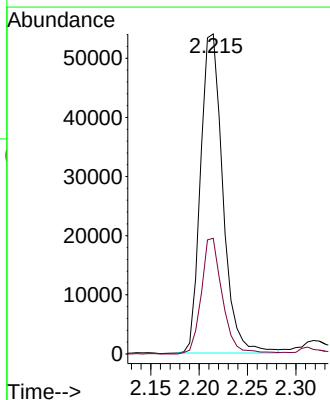
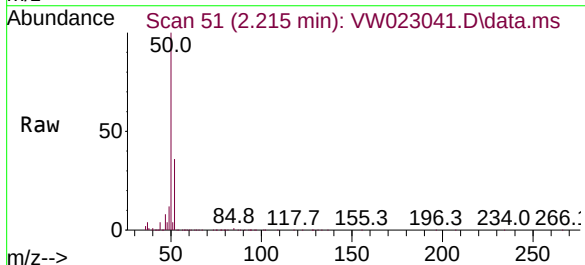
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

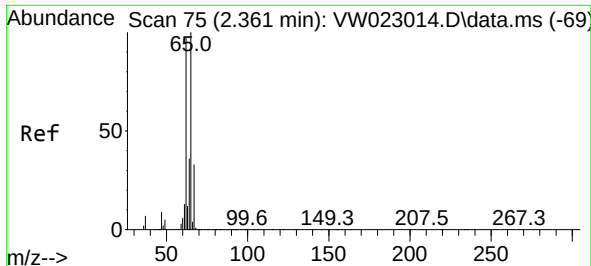
Tgt Ion: 85 Resp: 38313
 Ion Ratio Lower Upper
 85 100
 87 32.3 27.8 41.8



#3
 Chloromethane
 Concen: 21.739 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW023041.D
 Acq: 16 May 2022 08:47

Tgt Ion: 50 Resp: 86681
 Ion Ratio Lower Upper
 50 100
 52 36.2 23.1 42.9

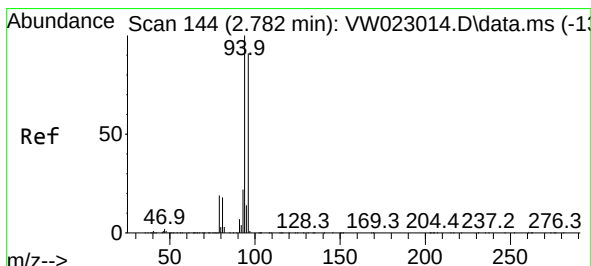
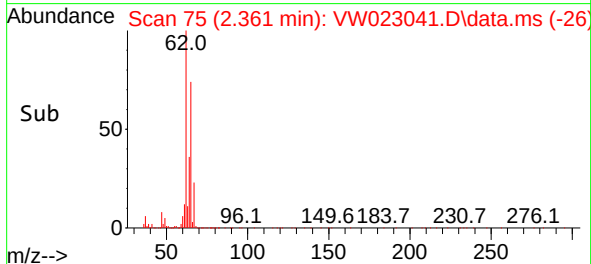
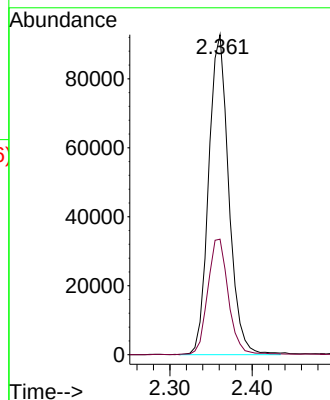
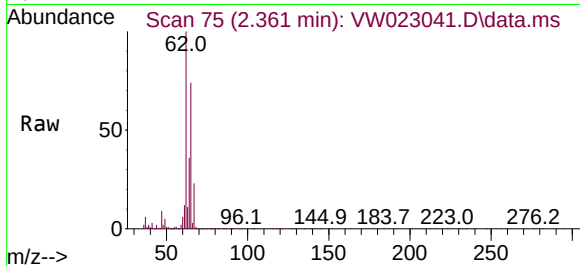




#5
 Vinyl chloride
 Concen: 19.681 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023041.D
 Acq: 16 May 2022 08:47

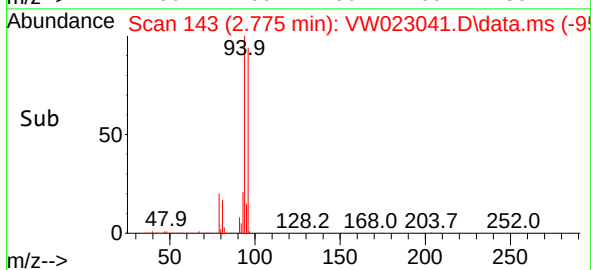
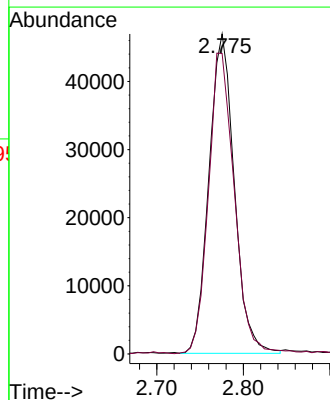
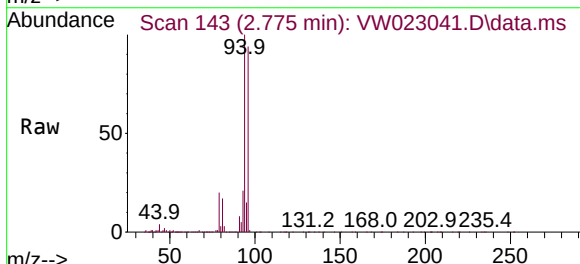
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

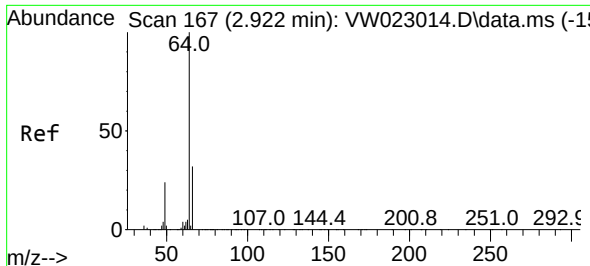
Tgt Ion: 62 Resp: 157491
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.9 46.3



#6
 Bromomethane
 Concen: 18.550 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023041.D
 Acq: 16 May 2022 08:47

Tgt Ion: 94 Resp: 95309
 Ion Ratio Lower Upper
 94 100
 96 93.9 61.7 114.5

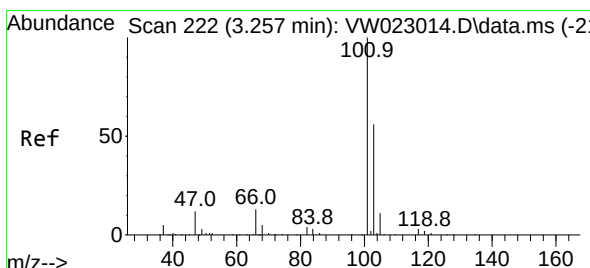
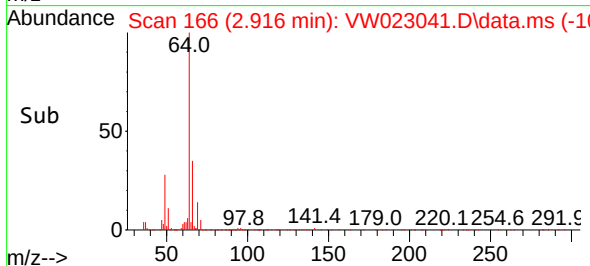
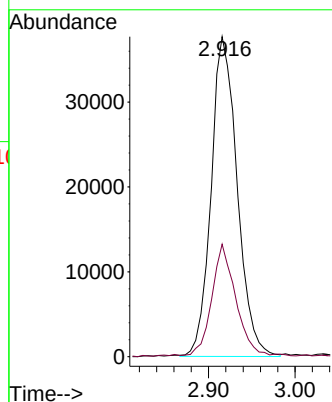
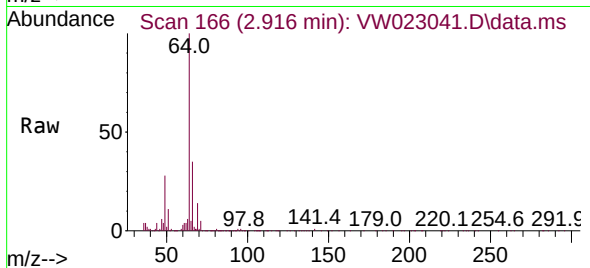




#8
Chloroethane
Concen: 20.427 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

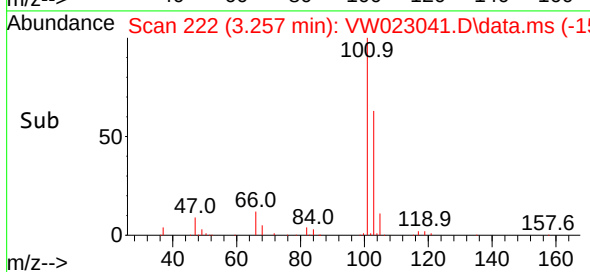
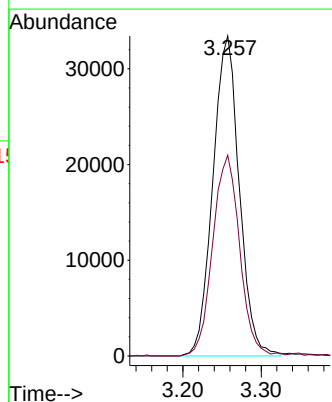
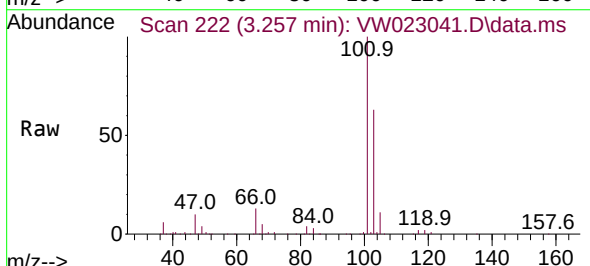
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

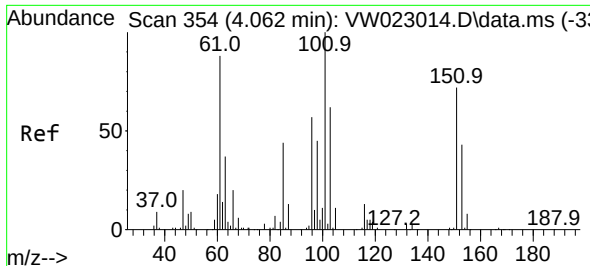
Tgt Ion: 64 Resp: 78841
Ion Ratio Lower Upper
64 100
66 35.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.424 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 101 Resp: 78359
Ion Ratio Lower Upper
101 100
103 63.8 53.9 80.9

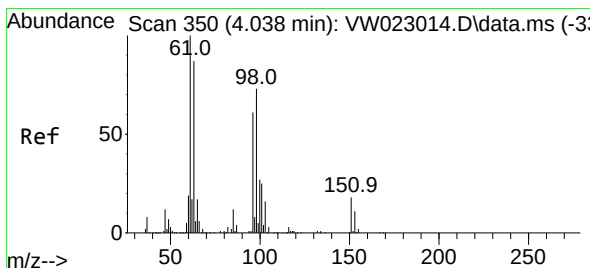
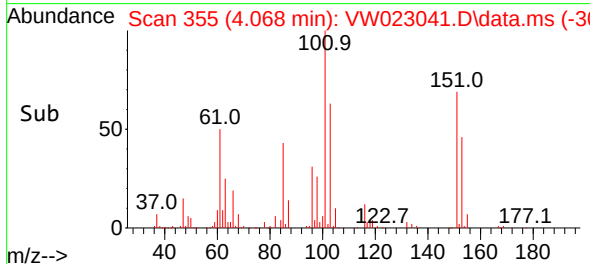
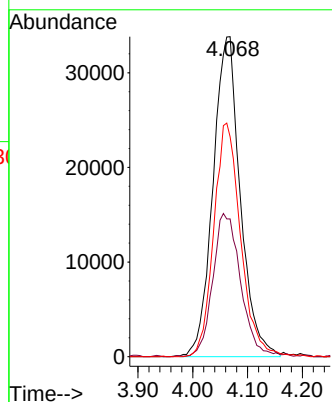
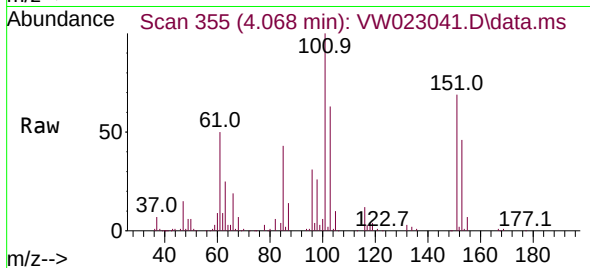




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.384 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW023041.D
 Acq: 16 May 2022 08:47

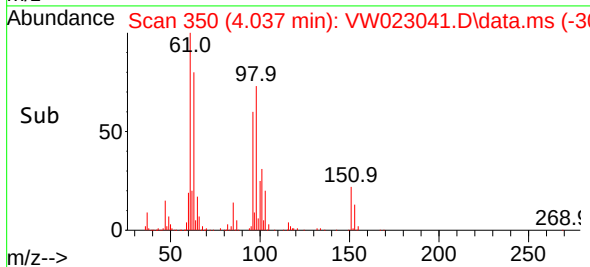
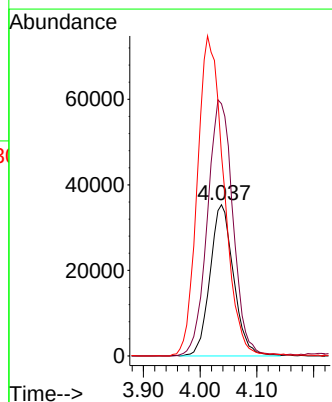
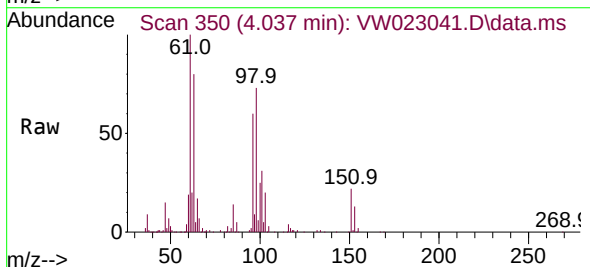
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

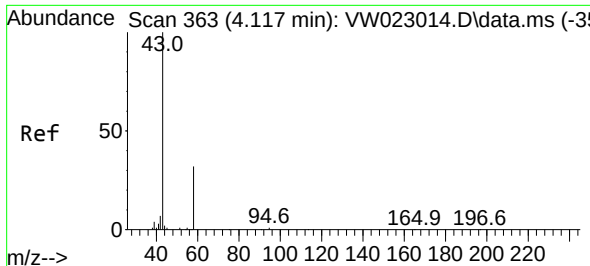
Tgt Ion:101 Resp: 116943
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.3 51.5
 151 71.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.031 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW023041.D
 Acq: 16 May 2022 08:47

Tgt Ion: 96 Resp: 101959
 Ion Ratio Lower Upper
 96 100
 61 166.7 125.7 233.5
 63 133.1 83.4 155.0

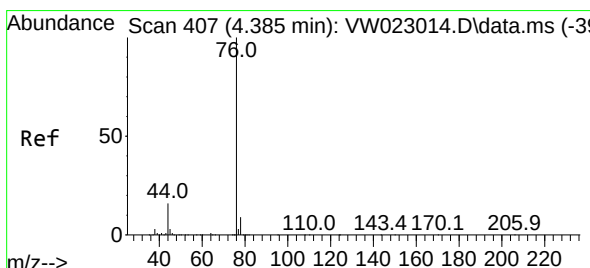
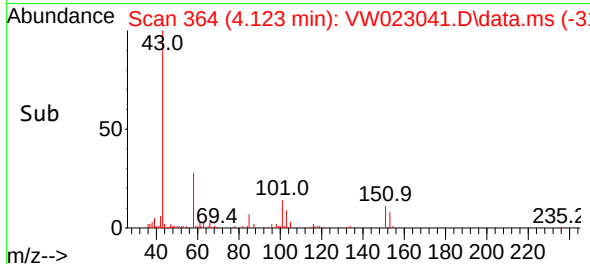
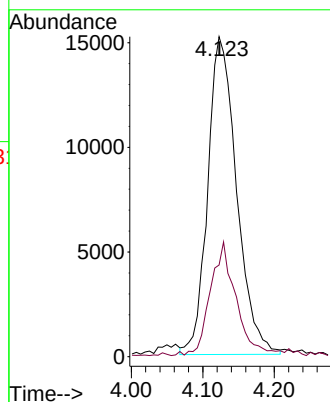
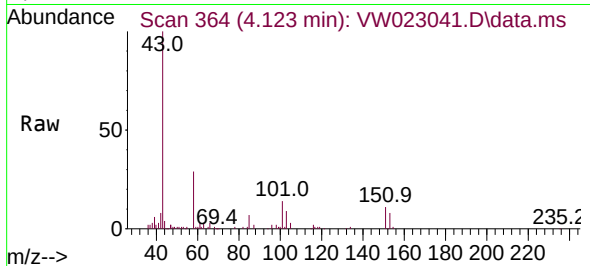




#13
Acetone
Concen: 38.602 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

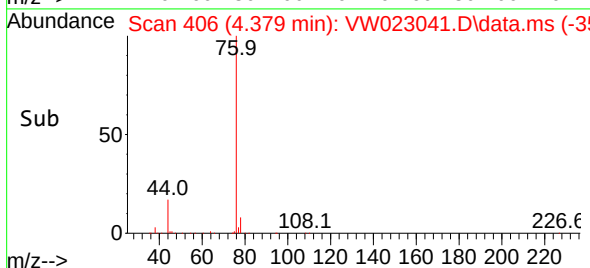
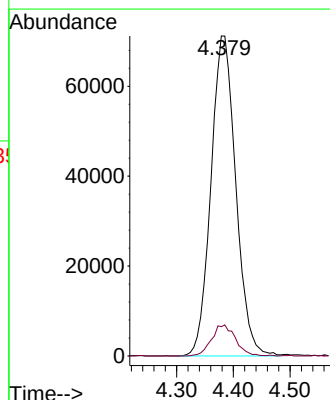
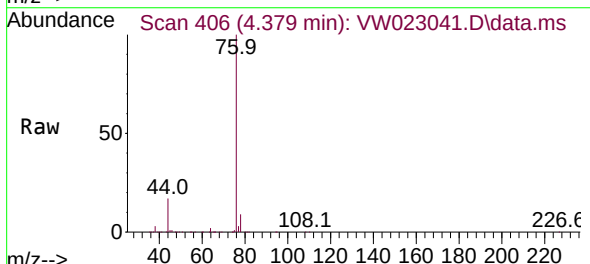
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

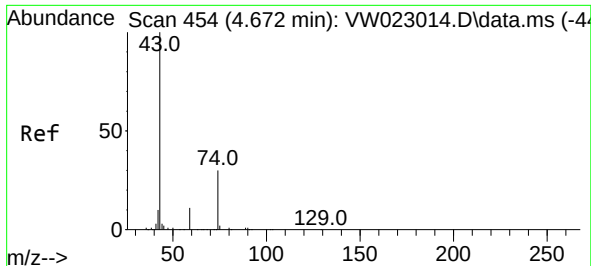
Tgt Ion: 43 Resp: 42673
Ion Ratio Lower Upper
43 100
58 32.4 0.0 64.0



#14
Carbon disulfide
Concen: 16.309 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 76 Resp: 216769
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

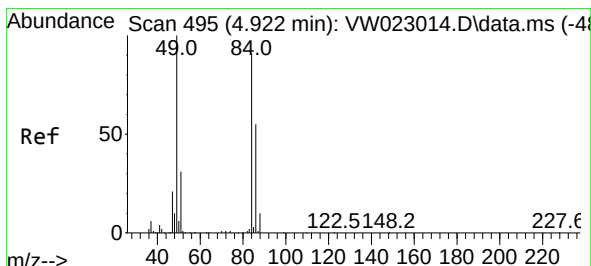
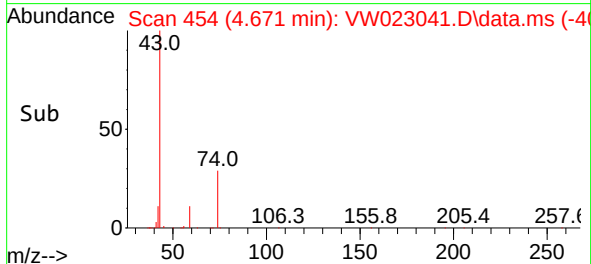
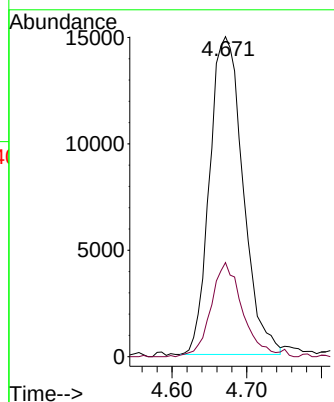
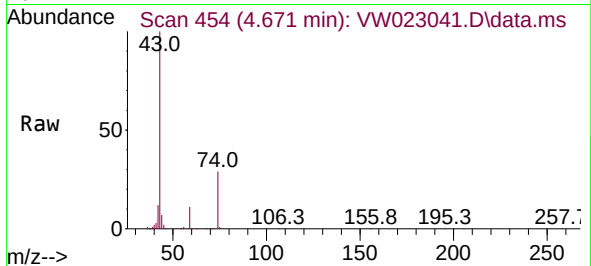




#15
Methyl Acetate
Concen: 20.868 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

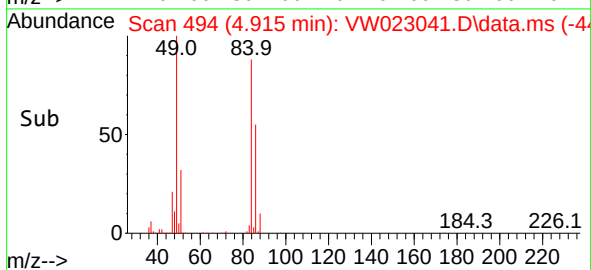
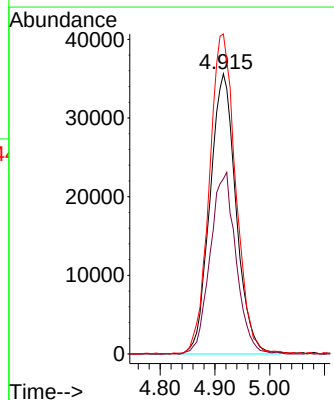
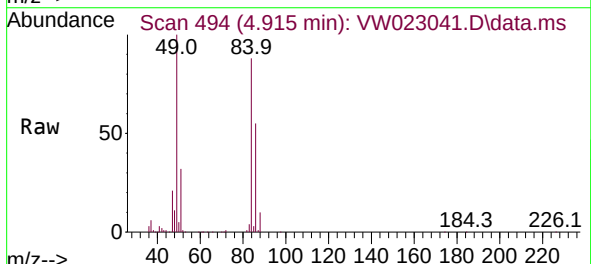
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

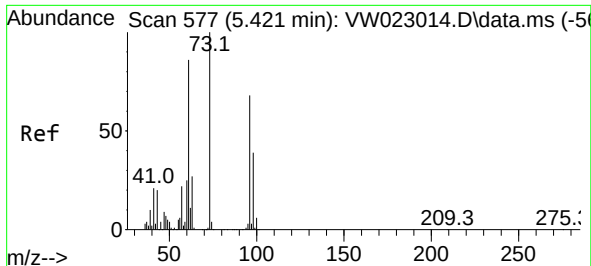
Tgt Ion: 43 Resp: 46345
Ion Ratio Lower Upper
43 100
74 27.7 21.9 32.9



#16
Methylene chloride
Concen: 21.254 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 84 Resp: 117716
Ion Ratio Lower Upper
84 100
86 62.5 45.4 84.4
49 114.2 82.5 153.1

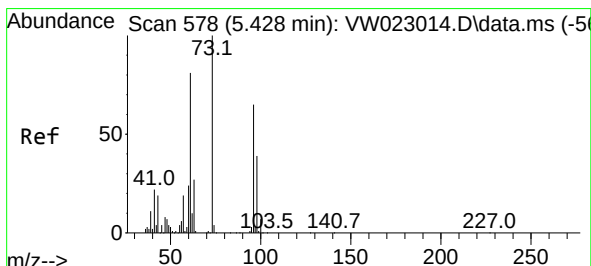
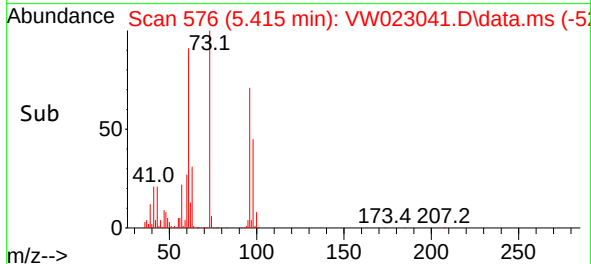
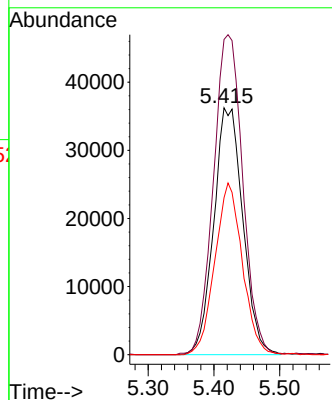
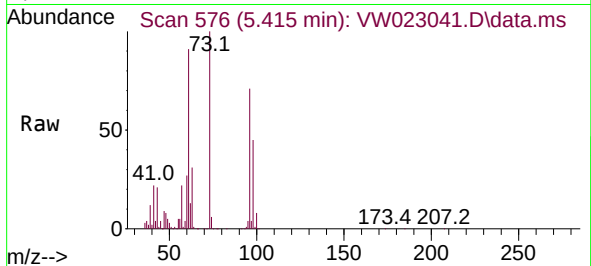




#17
trans-1,2-Dichloroethene
Concen: 20.437 ug/L
RT: 5.415 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

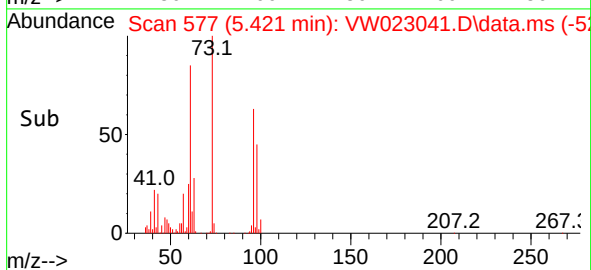
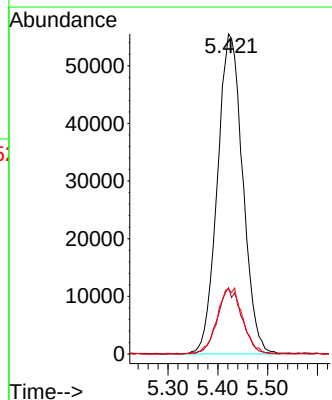
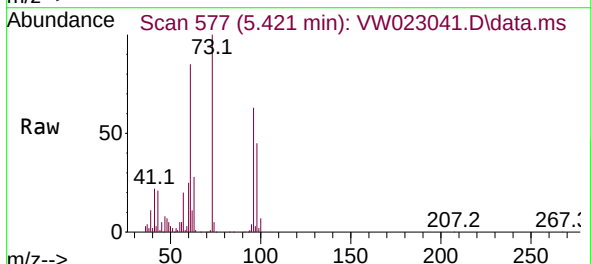
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

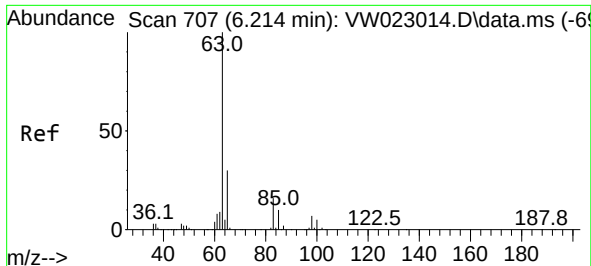
Tgt Ion: 96 Resp: 111497
Ion Ratio Lower Upper
96 100
61 127.7 92.2 171.2
98 63.6 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.510 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 73 Resp: 195796
Ion Ratio Lower Upper
73 100
43 20.2 15.9 23.9
57 12.0 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 22.690 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

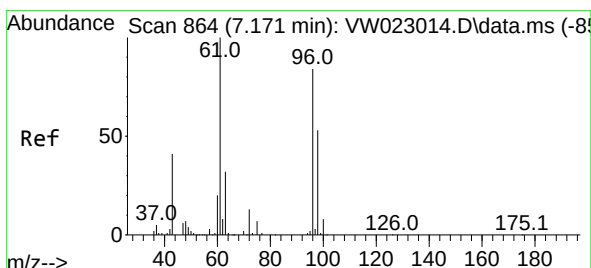
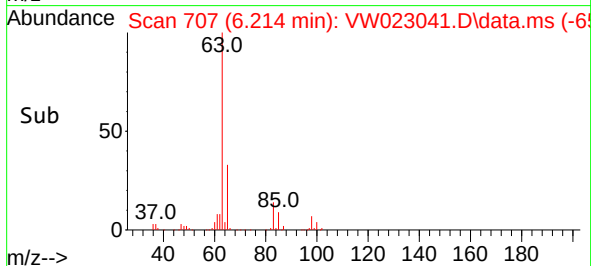
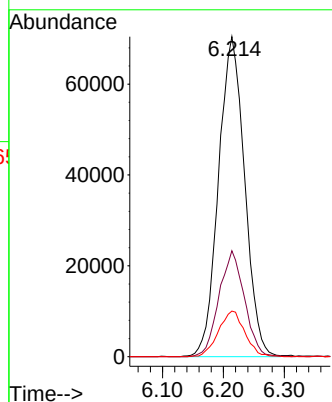
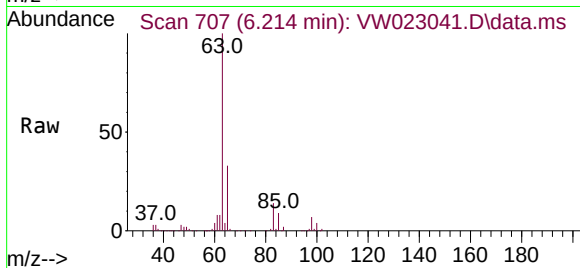
Tgt Ion: 63 Resp: 209800

Ion Ratio Lower Upper

63 100

65 33.1 23.3 43.3

83 14.2 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 22.566 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

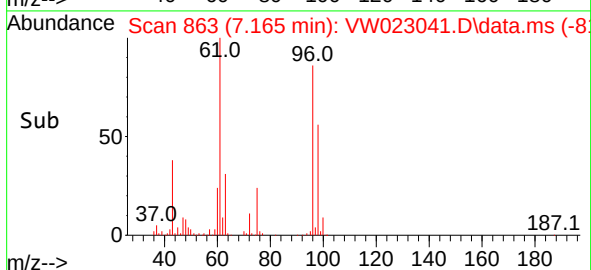
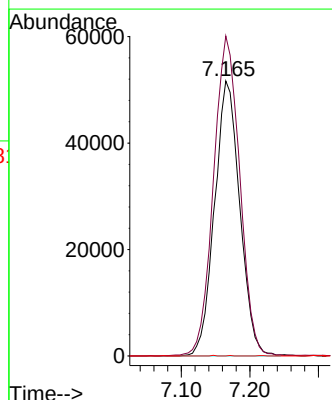
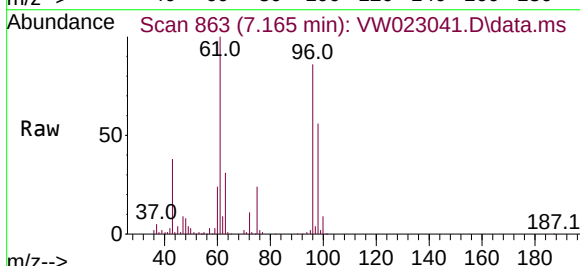
Tgt Ion: 96 Resp: 132235

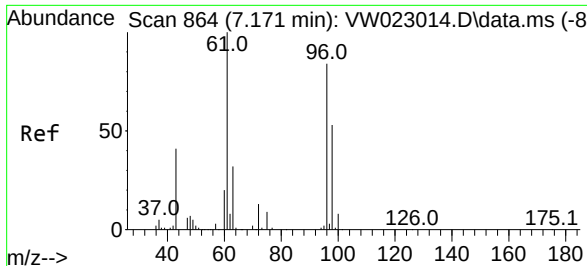
Ion Ratio Lower Upper

96 100

61 116.4 84.2 156.4

68 0.0 0.1 0.1#

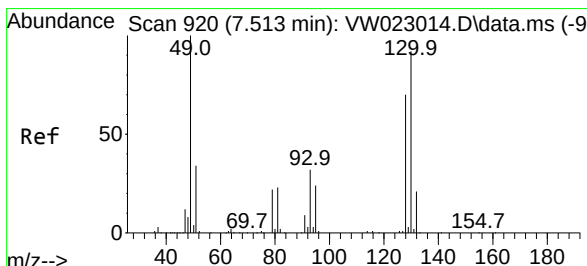
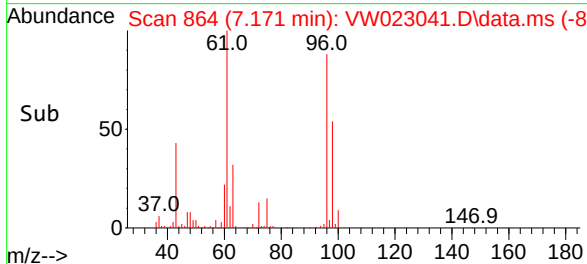
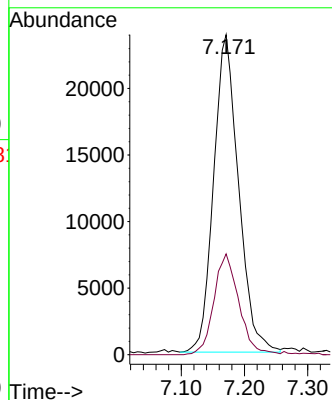
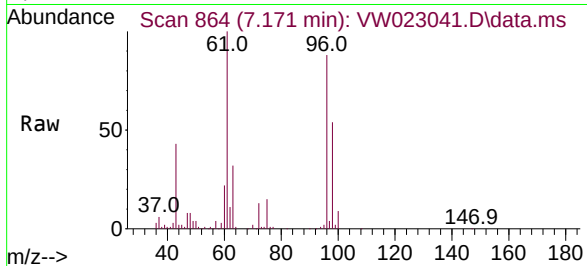




#22
2-Butanone
Concen: 42.124 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

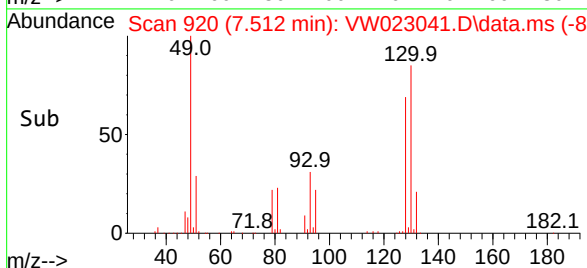
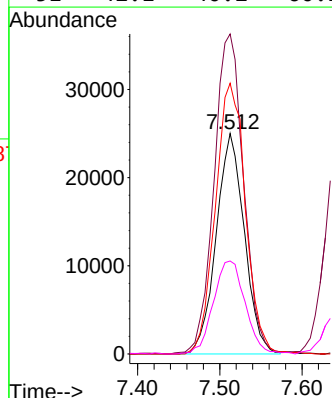
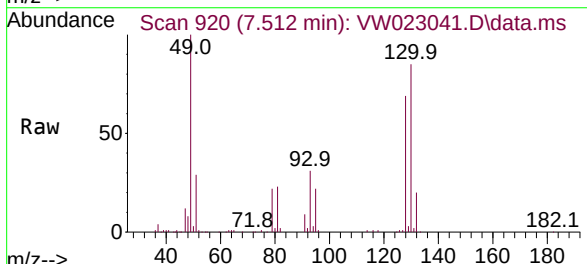
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

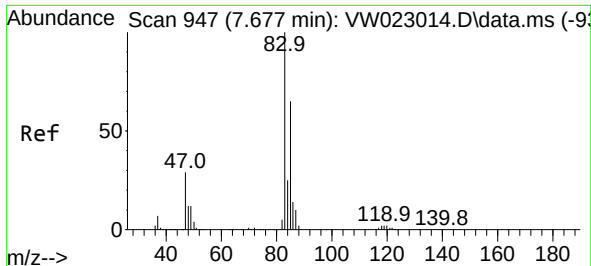
Tgt Ion: 43 Resp: 65123
Ion Ratio Lower Upper
43 100
72 31.7 15.1 45.3



#23
Bromochloromethane
Concen: 21.700 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 128 Resp: 59551
Ion Ratio Lower Upper
128 100
49 145.1 110.0 204.4
130 122.7 94.8 176.0
51 42.1 40.2 60.2

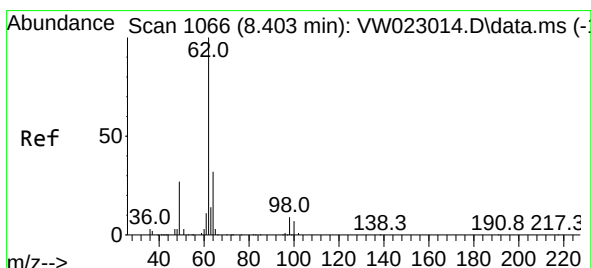
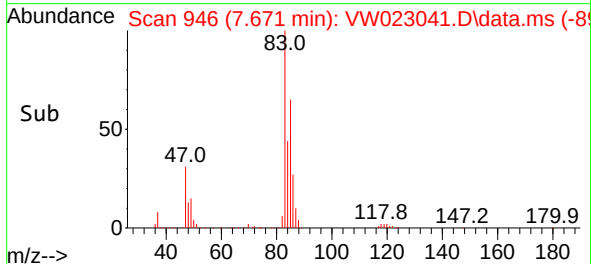
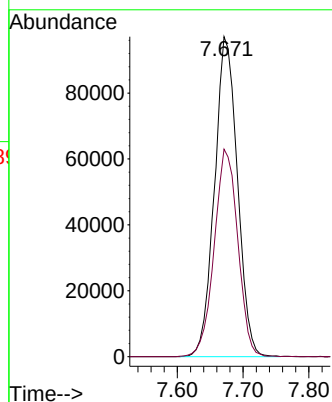
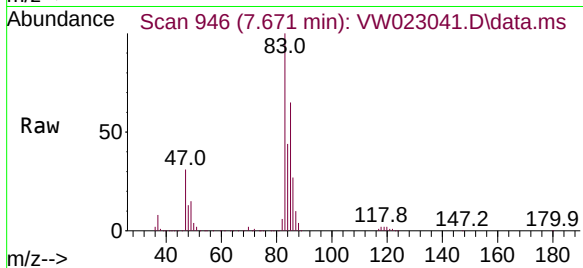




#25
Chloroform
Concen: 23.051 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

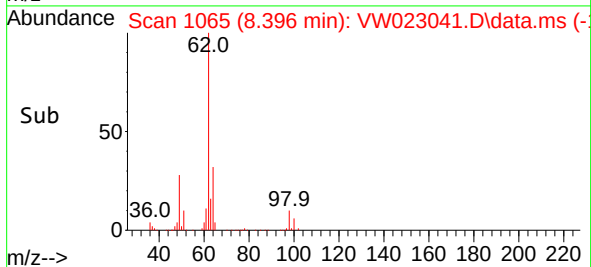
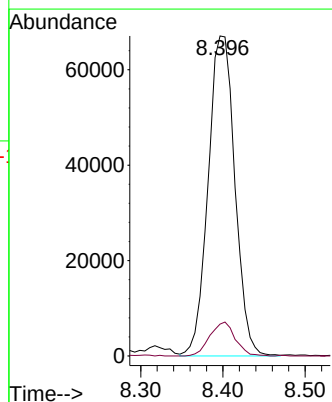
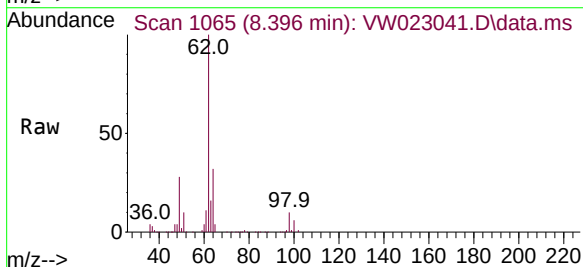
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

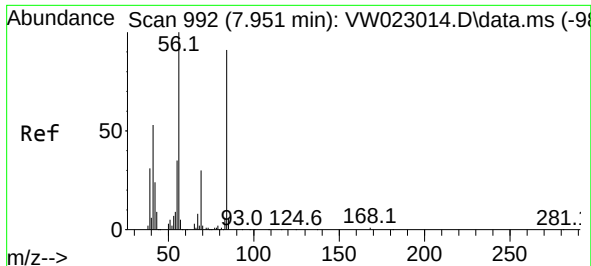
Tgt Ion: 83 Resp: 235678
Ion Ratio Lower Upper
83 100
85 64.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 22.287 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 62 Resp: 151896
Ion Ratio Lower Upper
62 100
98 10.0 7.2 10.8





#29

Cyclohexane

Concen: 20.669 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

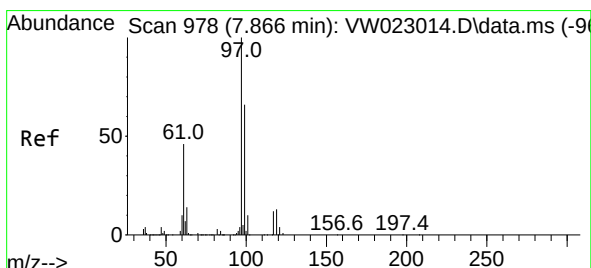
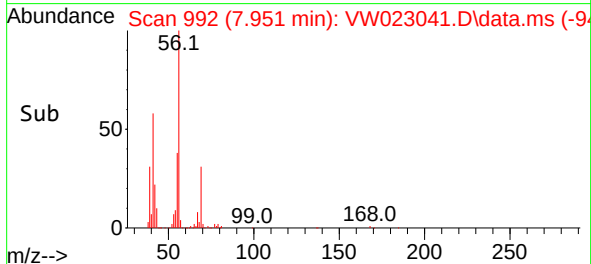
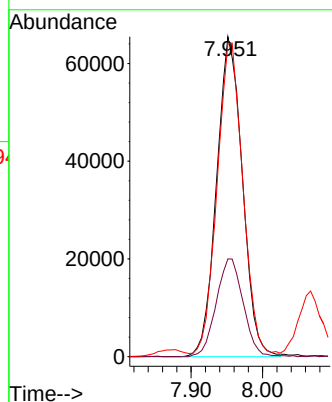
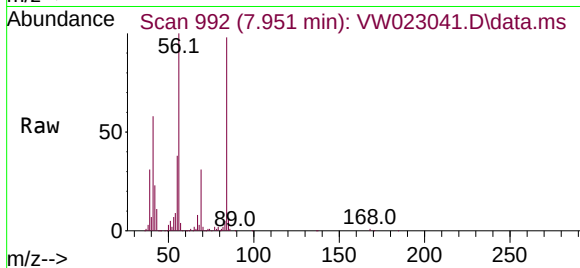
Tgt Ion: 56 Resp: 164138

Ion Ratio Lower Upper

56 100

69 31.9 25.6 38.4

84 98.2 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.367 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

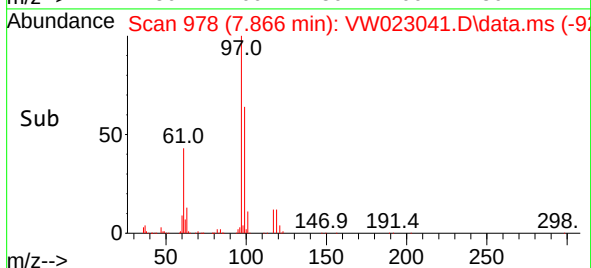
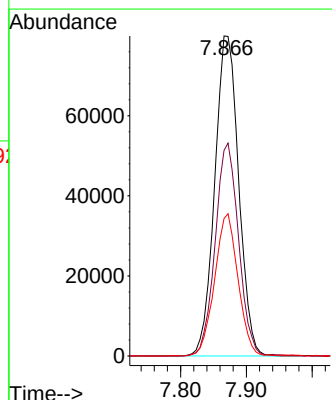
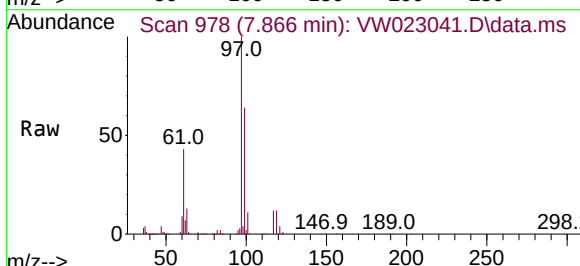
Tgt Ion: 97 Resp: 202770

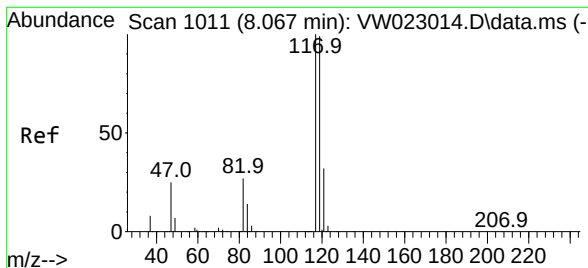
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 43.4 34.8 52.2

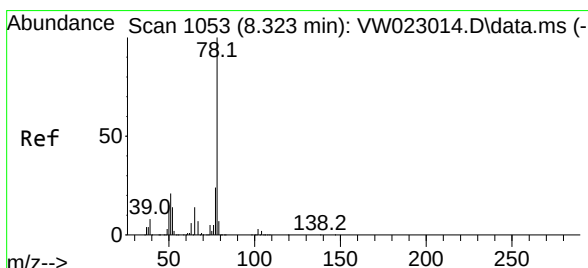
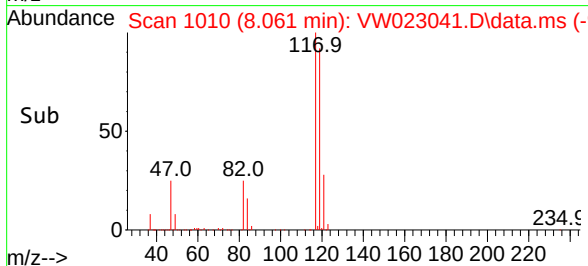
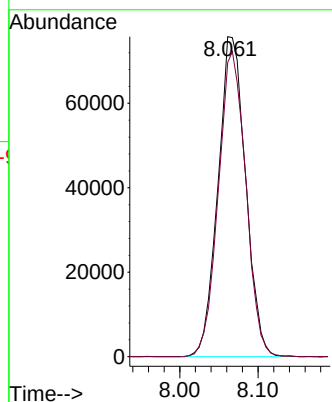
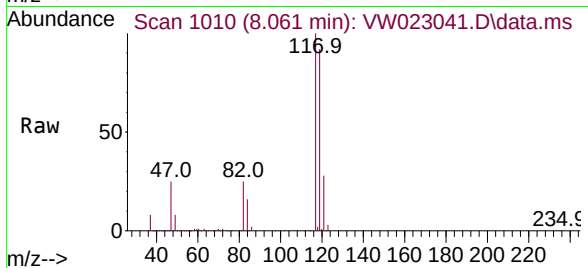




#31
Carbon tetrachloride
Concen: 22.857 ug/L
RT: 8.061 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

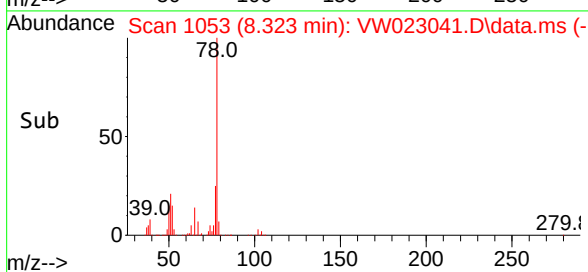
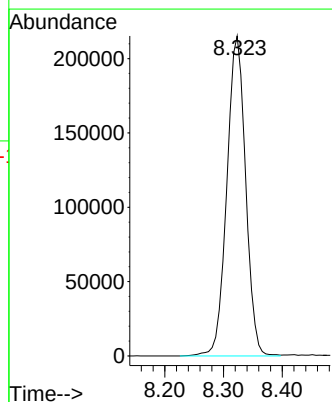
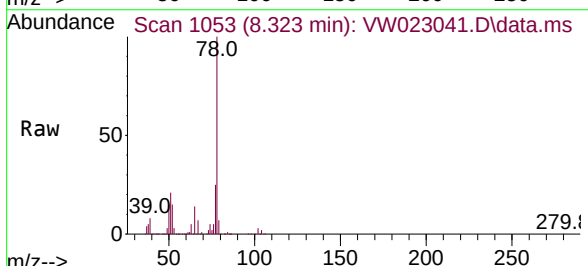
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

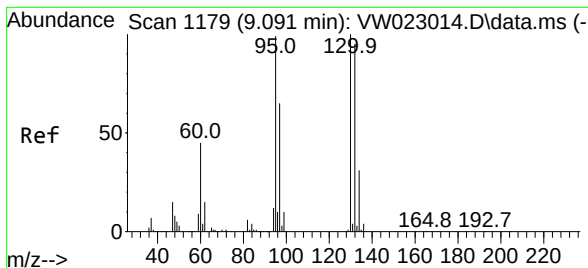
Tgt Ion:117 Resp: 185537
Ion Ratio Lower Upper
117 100
119 94.6 76.6 115.0



#33
Benzene
Concen: 22.131 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 78 Resp: 478728





#34

Trichloroethene

Concen: 22.389 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

Tgt Ion: 95 Resp: 133189

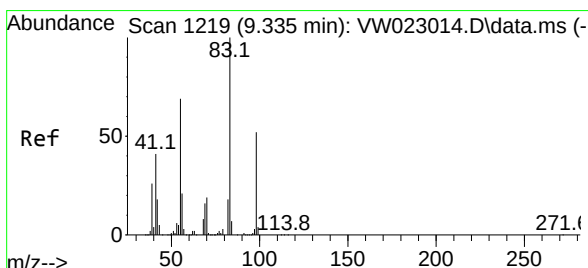
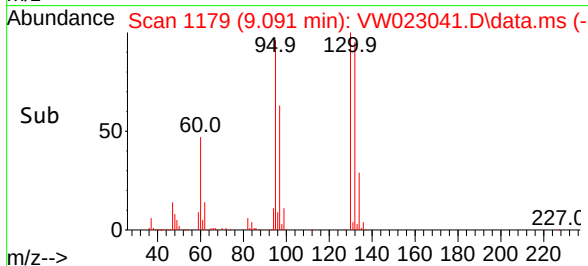
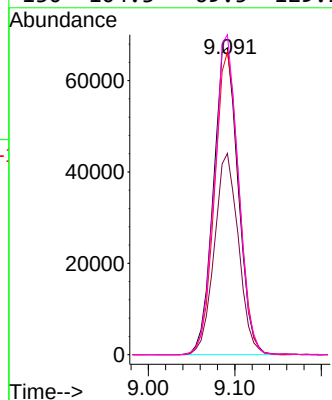
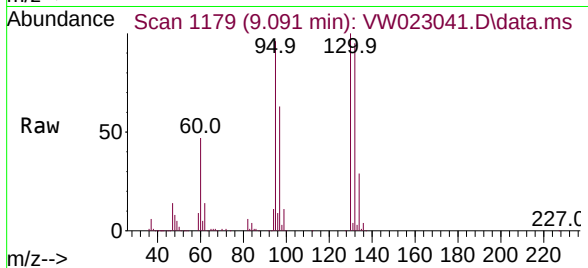
Ion Ratio Lower Upper

95 100

97 65.6 46.1 85.7

132 98.7 66.9 124.3

130 104.3 69.5 129.1



#35

Methylcyclohexane

Concen: 21.152 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

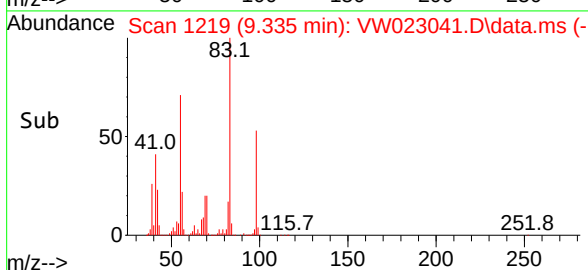
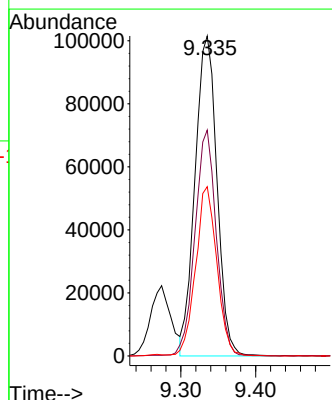
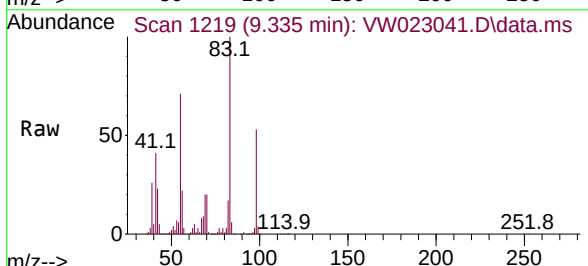
Tgt Ion: 83 Resp: 206720

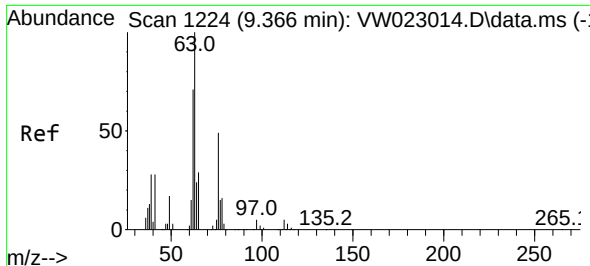
Ion Ratio Lower Upper

83 100

55 67.9 55.1 82.7

98 51.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 22.933 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

Instrument :

MSVOA_W

ClientSampleId :

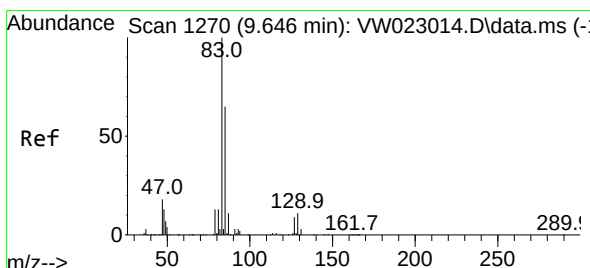
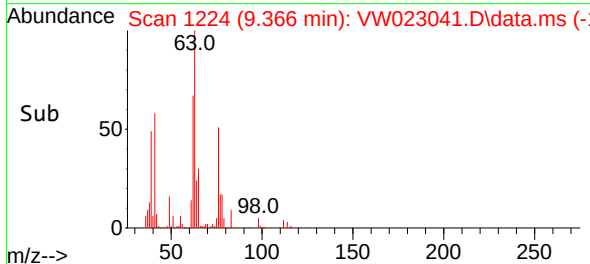
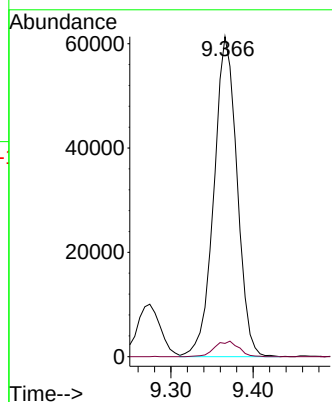
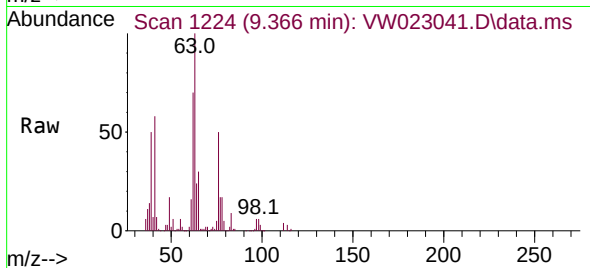
VSTD025532

Tgt Ion: 63 Resp: 120048

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 23.303 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

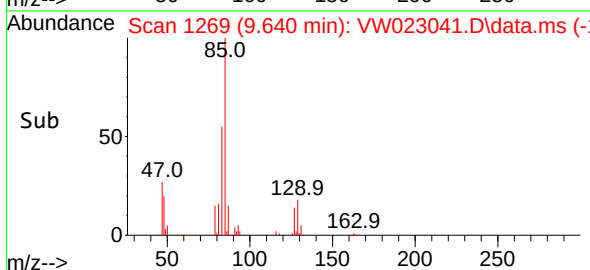
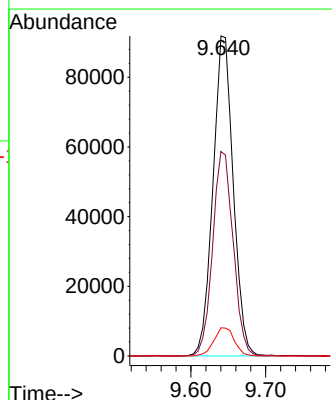
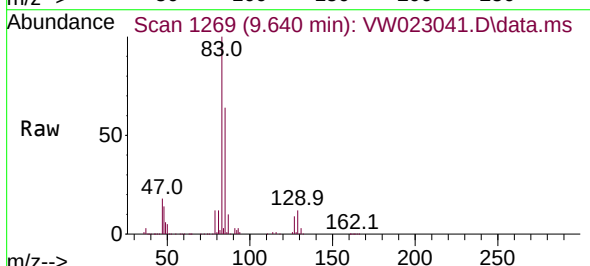
Tgt Ion: 83 Resp: 173262

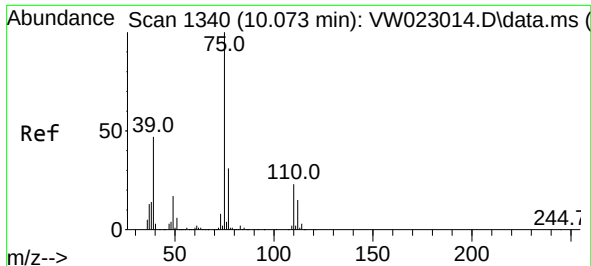
Ion Ratio Lower Upper

83 100

85 63.9 43.5 80.7

127 8.8 7.1 10.7

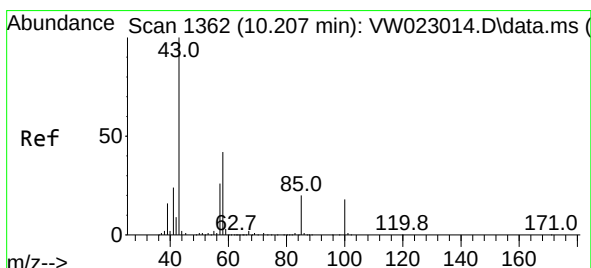
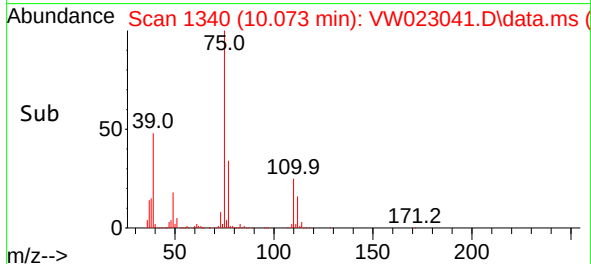
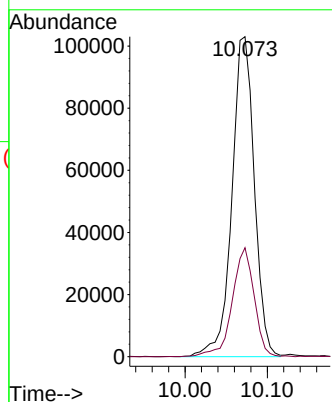
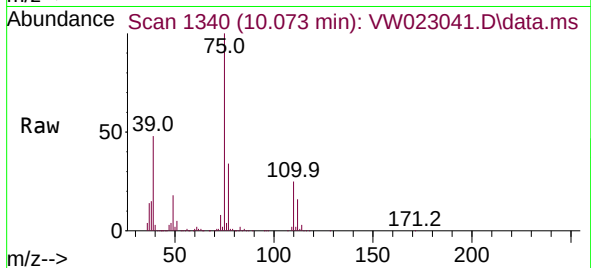




#39
 cis-1,3-Dichloropropene
 Concen: 24.091 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW023041.D
 Acq: 16 May 2022 08:47

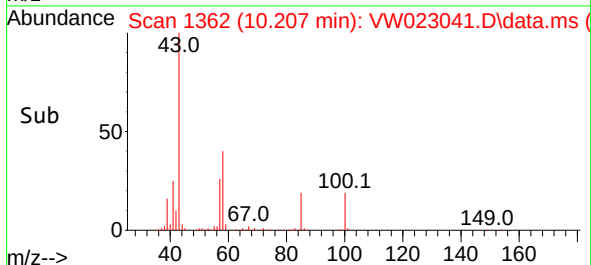
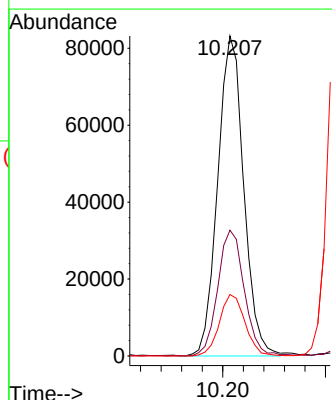
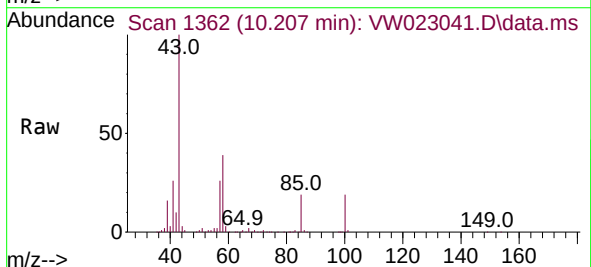
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

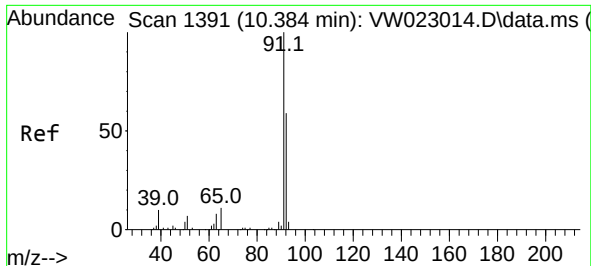
Tgt Ion: 75 Resp: 195545
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 44.248 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023041.D
 Acq: 16 May 2022 08:47

Tgt Ion: 43 Resp: 145996
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.4 47.2
 100 19.0 14.2 21.4

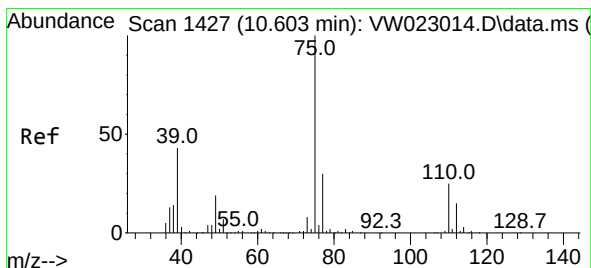
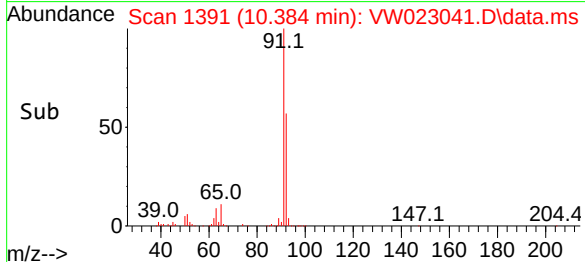
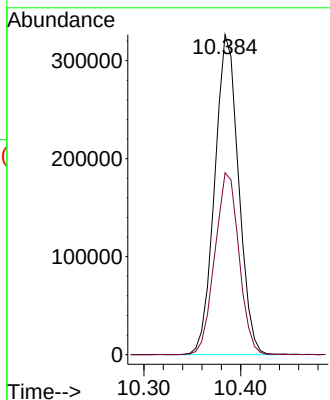
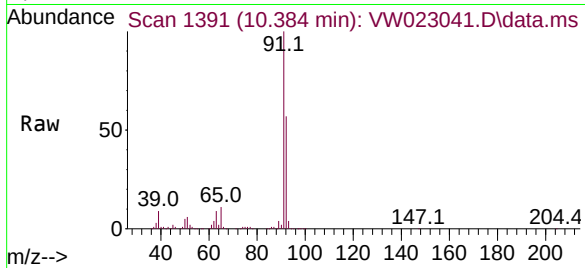




#42
Toluene
Concen: 23.043 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

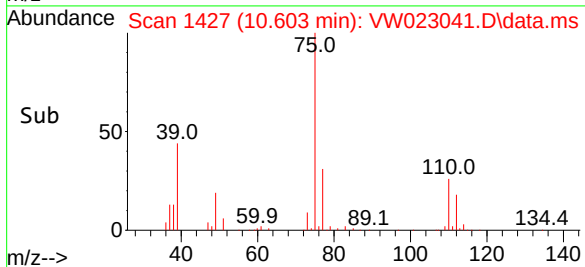
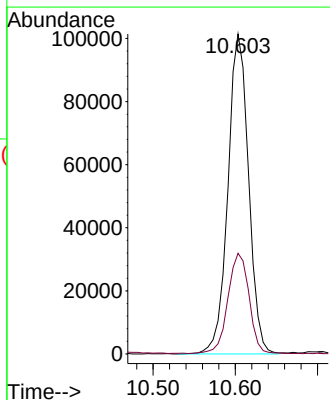
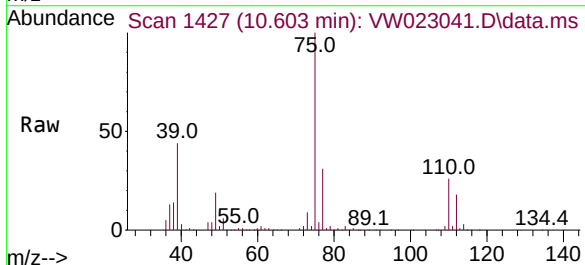
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

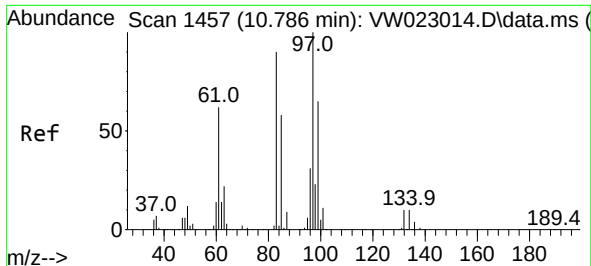
Tgt Ion: 91 Resp: 558628
Ion Ratio Lower Upper
91 100
92 56.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.490 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 75 Resp: 177425
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8



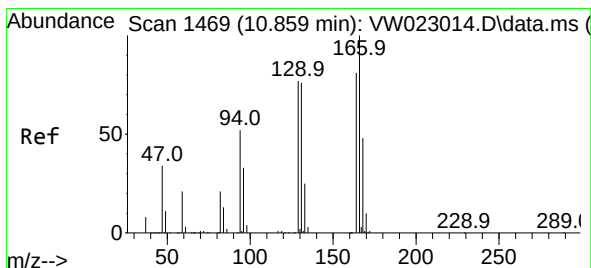
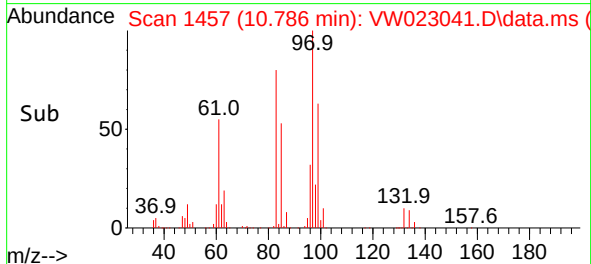
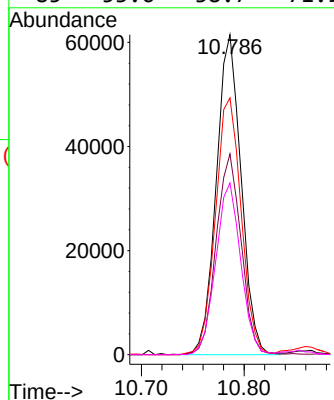
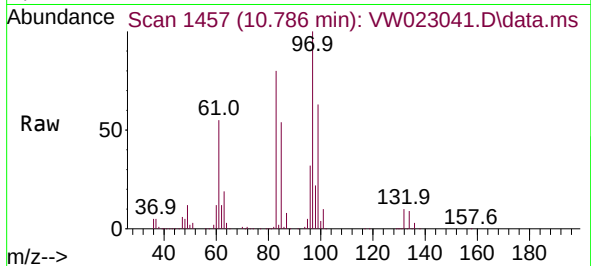


#45
1,1,2-Trichloroethane
Concen: 23.571 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Tgt Ion: 97 Resp: 103147

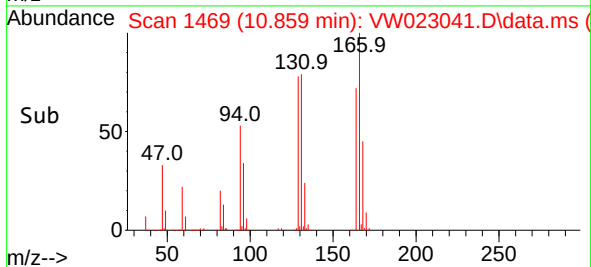
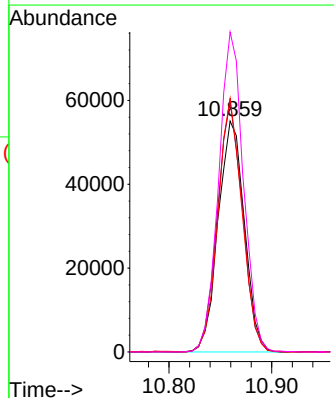
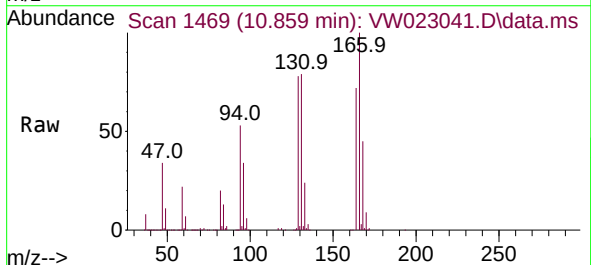
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.7	82.9
83	80.3	58.4	108.4
85	53.6	38.7	71.9

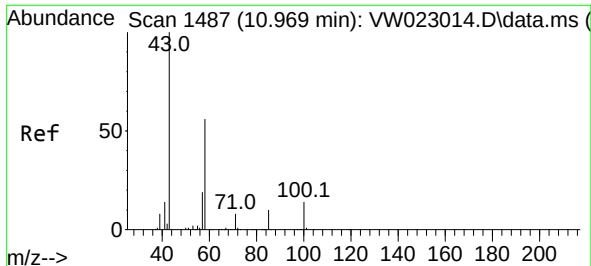


#46
Tetrachloroethene
Concen: 21.803 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 164 Resp: 97473

Ion	Ratio	Lower	Upper
164	100		
129	108.5	76.9	142.7
131	109.8	75.1	139.5
166	138.6	96.0	178.2

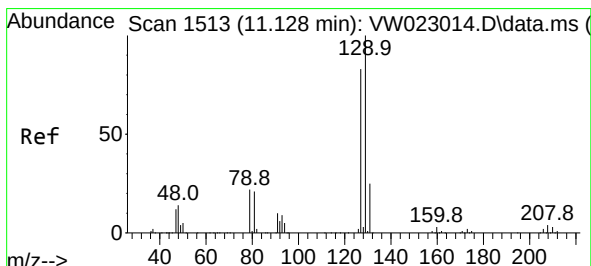
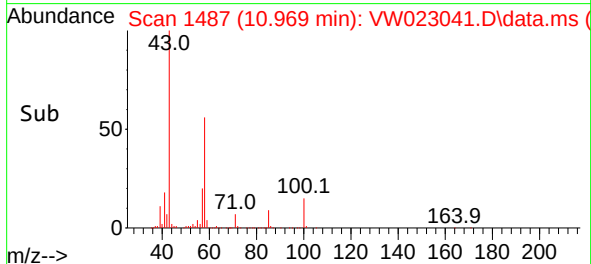
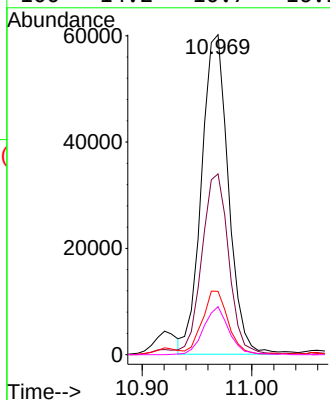
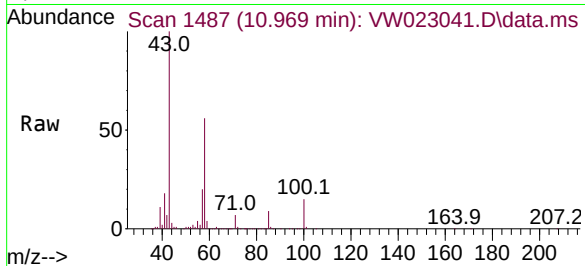




#48
2-Hexanone
Concen: 46.505 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

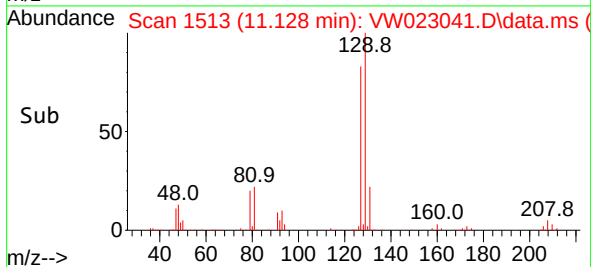
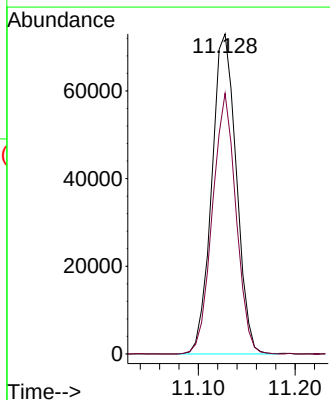
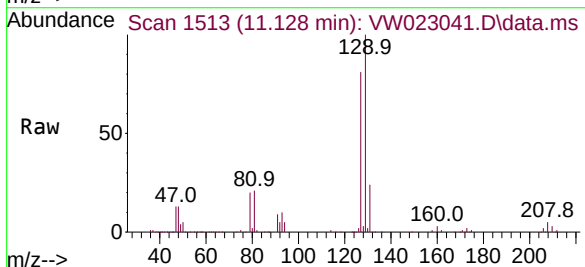
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

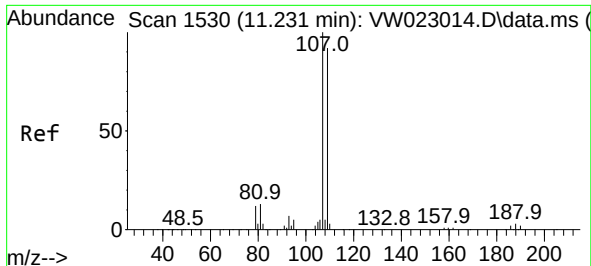
Tgt Ion: 43 Resp: 102523
Ion Ratio Lower Upper
43 100
58 56.6 45.9 68.9
57 19.2 16.2 24.2
100 14.2 10.7 16.1



#49
Dibromochloromethane
Concen: 24.423 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 129 Resp: 128632
Ion Ratio Lower Upper
129 100
127 81.5 53.8 100.0

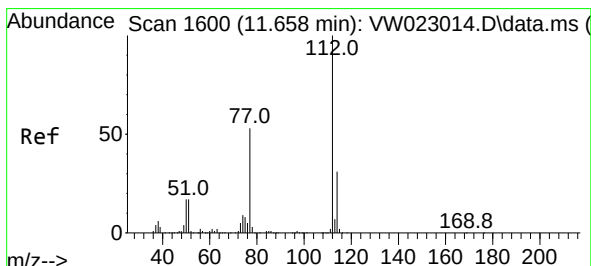
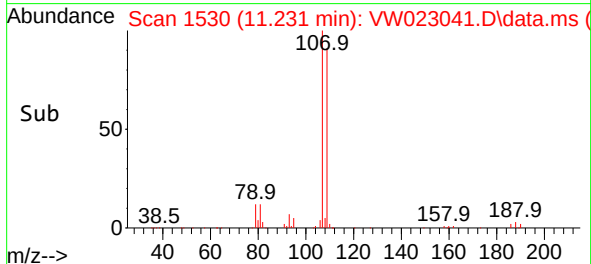
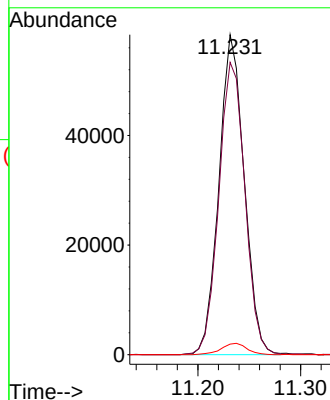
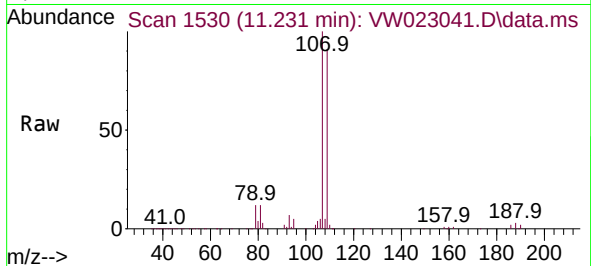




#50
1,2-Dibromoethane
Concen: 22.699 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

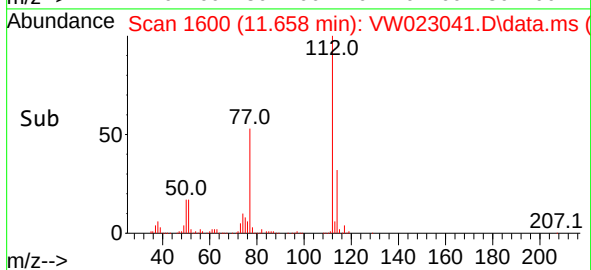
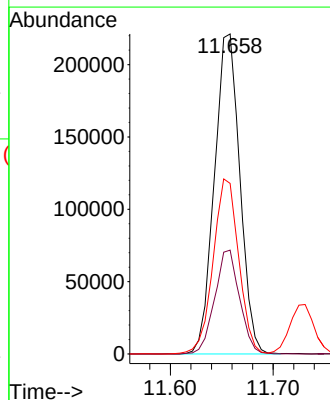
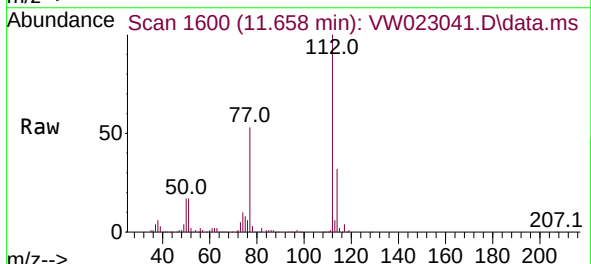
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

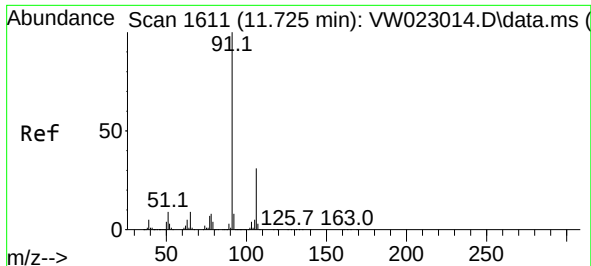
Tgt Ion:	107	Resp:	99744
Ion	Ratio	Lower	Upper
107	100		
109	91.4	67.5	125.4
188	3.3	2.9	4.3



#51
Chlorobenzene
Concen: 23.828 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion:	112	Resp:	380824
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.0	41.0
77	53.3	42.6	63.8

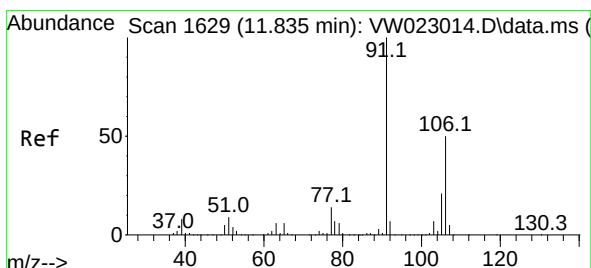
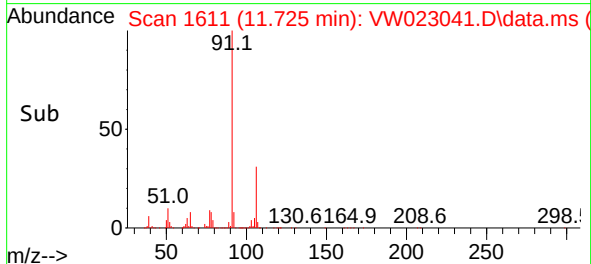
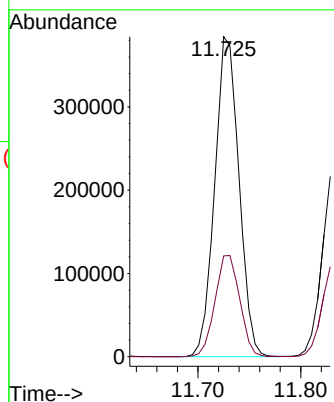
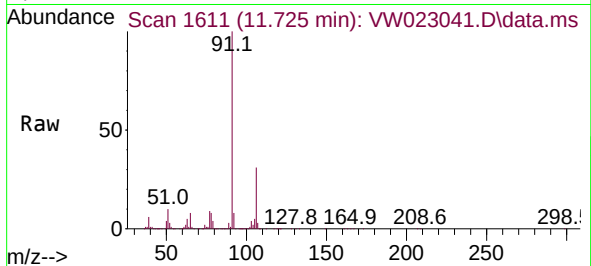




#52
Ethylbenzene
Concen: 23.353 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

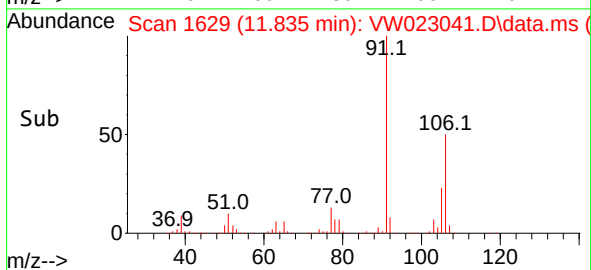
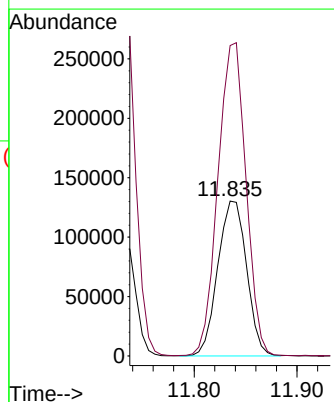
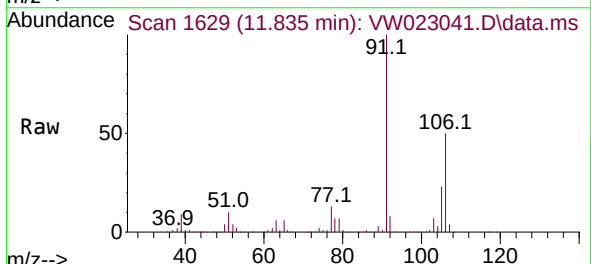
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

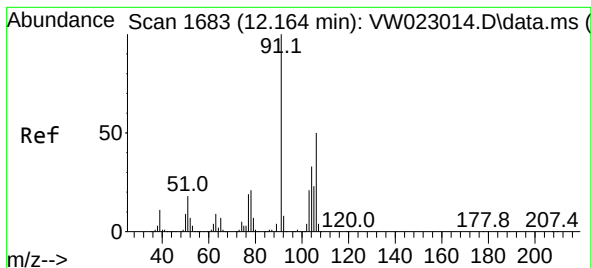
Tgt Ion: 91 Resp: 629826
Ion Ratio Lower Upper
91 100
106 31.5 22.3 41.3



#53
m,p-Xylene
Concen: 23.922 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 106 Resp: 254211
Ion Ratio Lower Upper
106 100
91 200.4 136.8 254.0

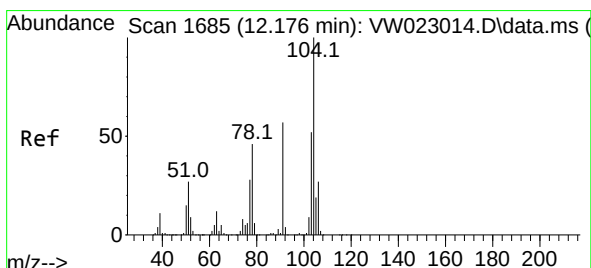
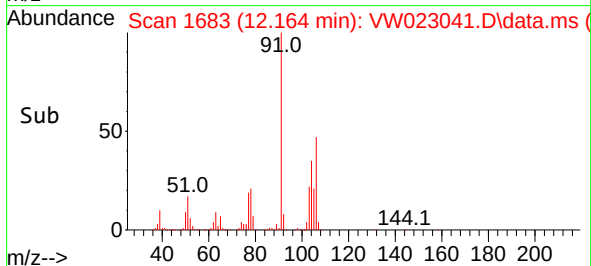
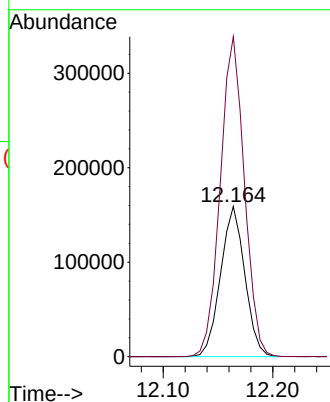
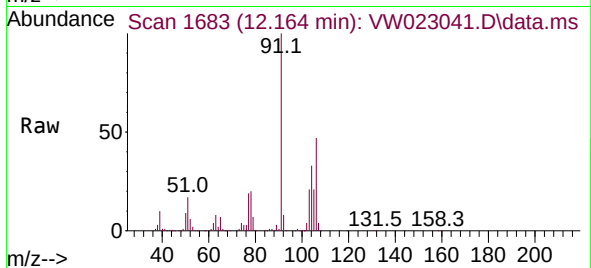




#54
o-Xylene
Concen: 23.967 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

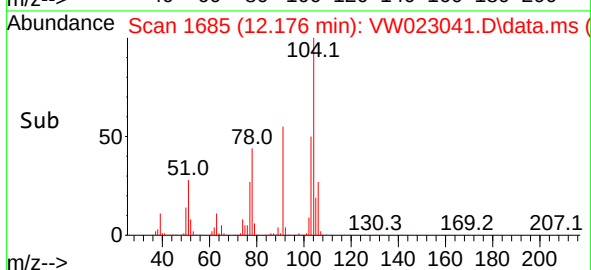
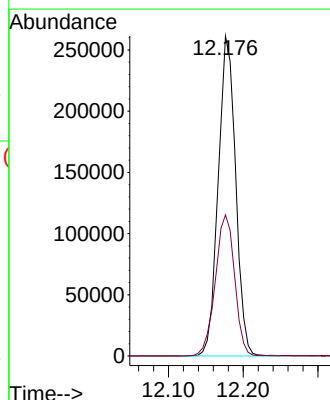
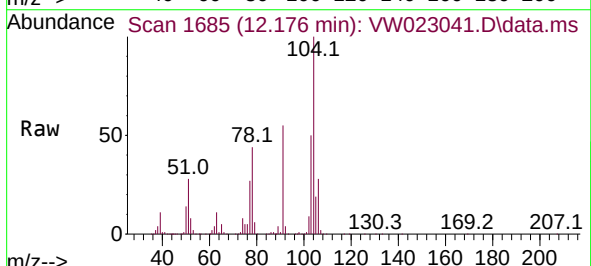
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

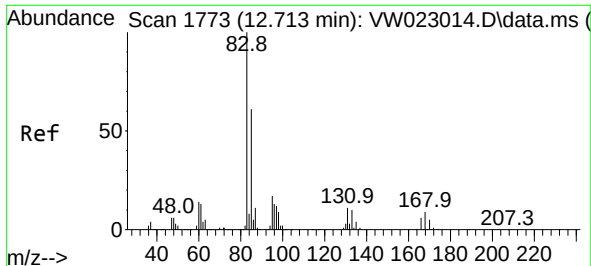
Tgt Ion:106 Resp: 244408
Ion Ratio Lower Upper
106 100
91 213.1 147.2 273.4



#55
Styrene
Concen: 24.482 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion:104 Resp: 424236
Ion Ratio Lower Upper
104 100
78 44.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.542 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

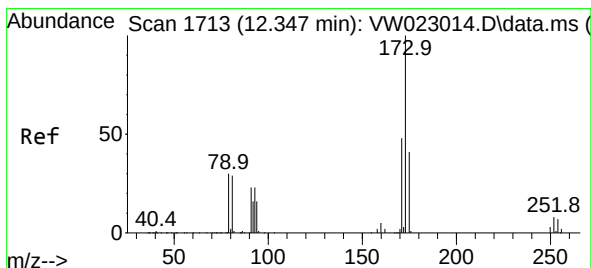
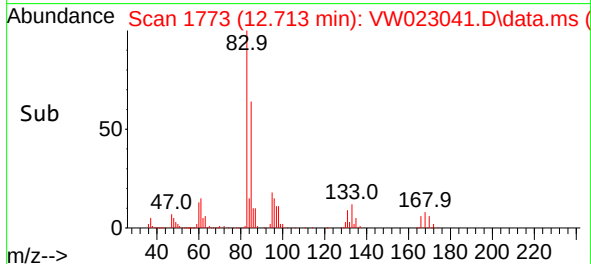
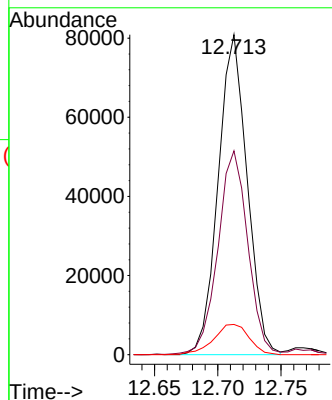
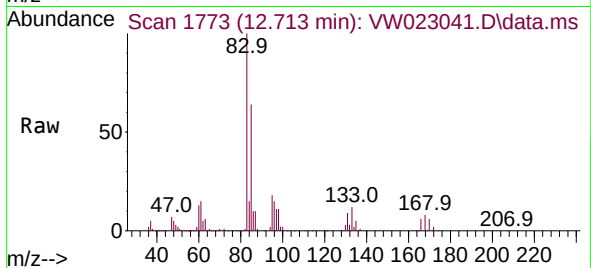
Tgt Ion: 83 Resp: 128676

Ion Ratio Lower Upper

83 100

85 63.7 47.5 88.1

131 9.4 8.7 13.1



#59

Bromoform

Concen: 24.763 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

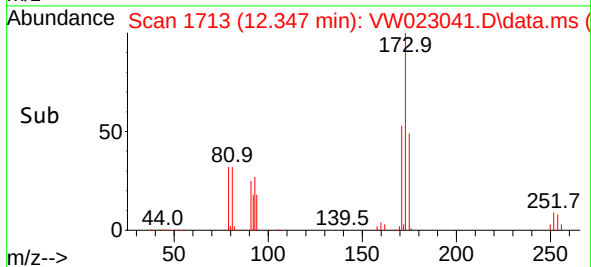
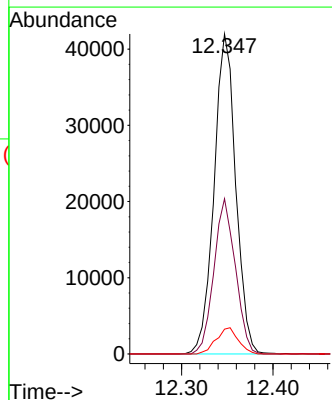
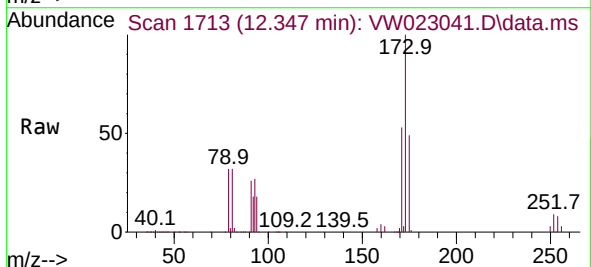
Tgt Ion:173 Resp: 69172

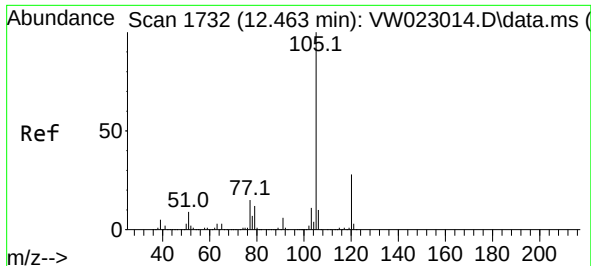
Ion Ratio Lower Upper

173 100

175 48.0 38.1 57.1

254 8.3 6.5 9.7

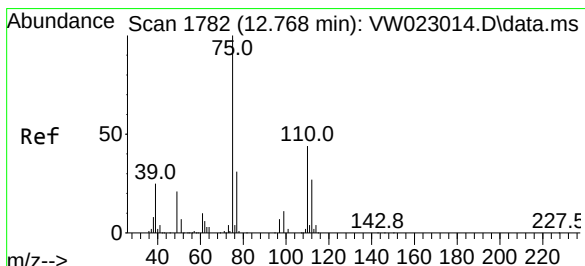
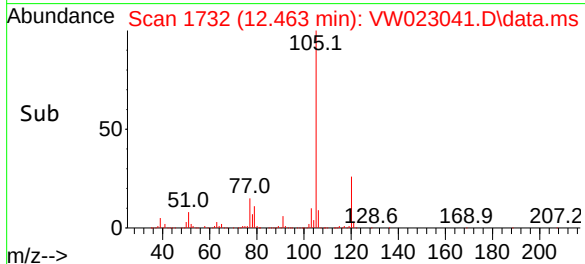
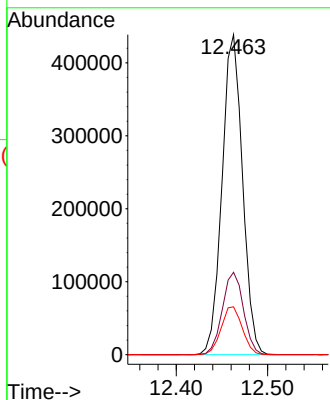
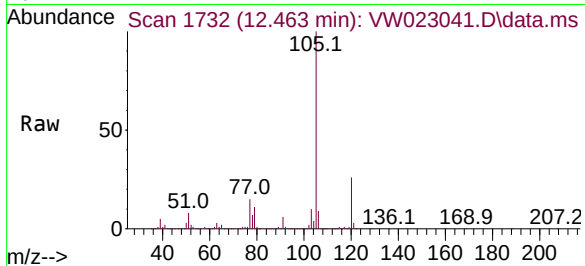




#60
Isopropylbenzene
Concen: 25.319 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

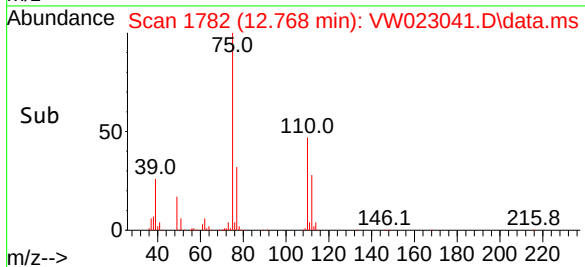
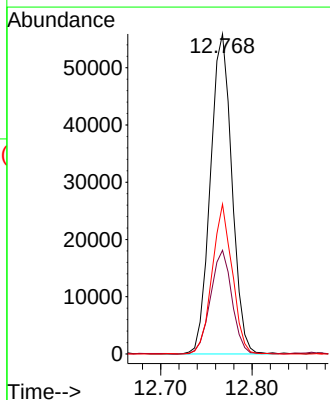
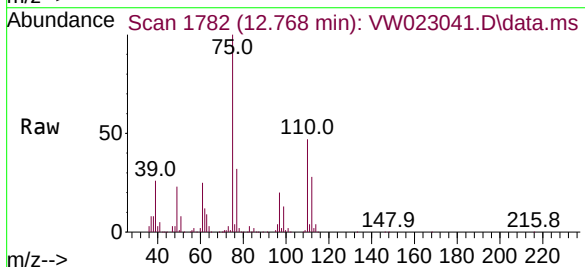
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

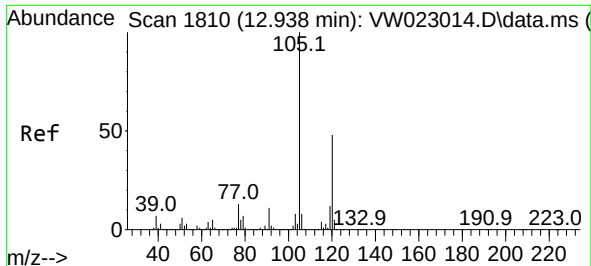
Tgt Ion:105 Resp: 683673
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.176 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion: 75 Resp: 91277
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 43.8 34.1 51.1

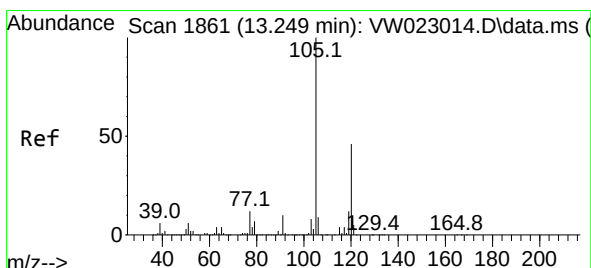
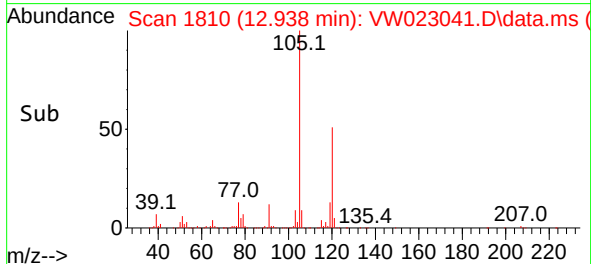
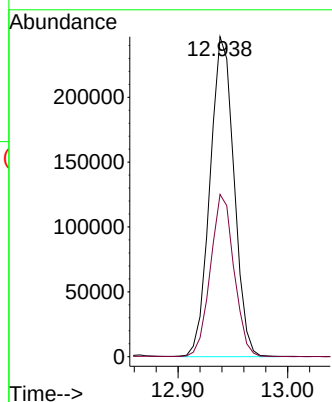
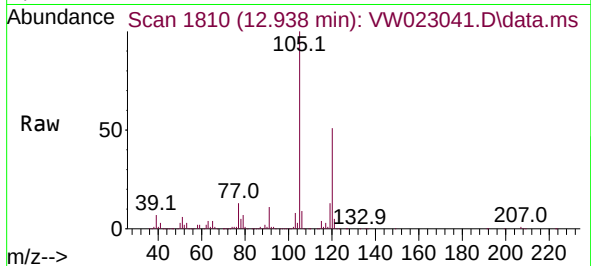




#62
1,3,5-Trimethylbenzene
Concen: 25.005 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

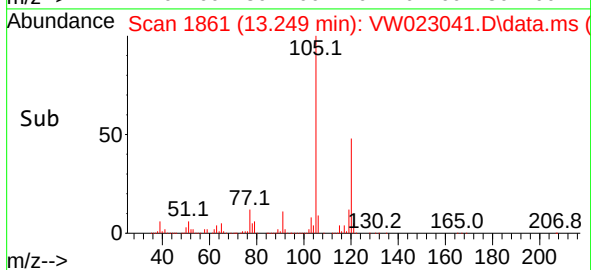
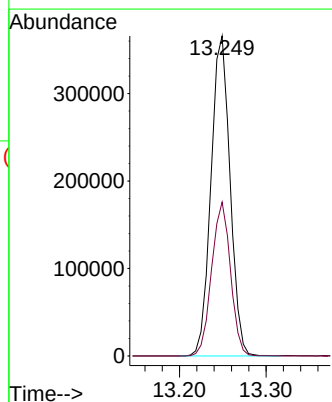
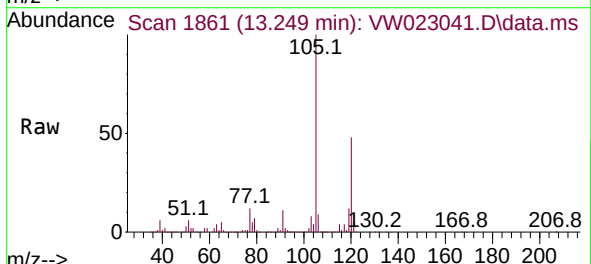
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

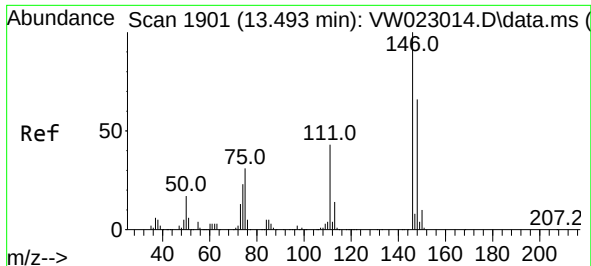
Tgt Ion:105 Resp: 375639
Ion Ratio Lower Upper
105 100
120 49.7 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.813 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion:105 Resp: 559705
Ion Ratio Lower Upper
105 100
120 47.4 37.4 56.2

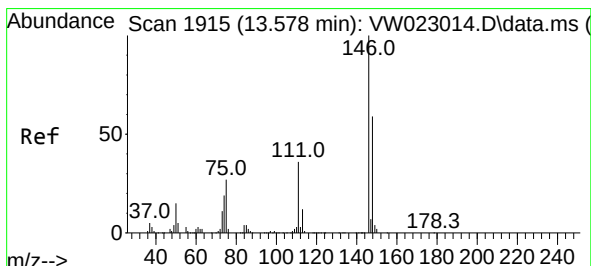
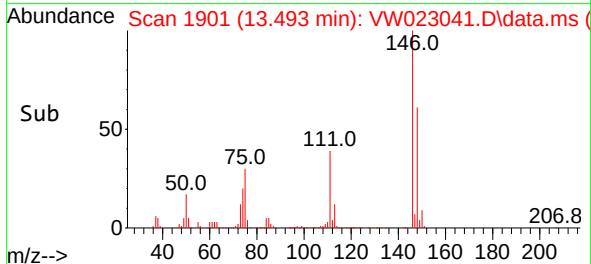
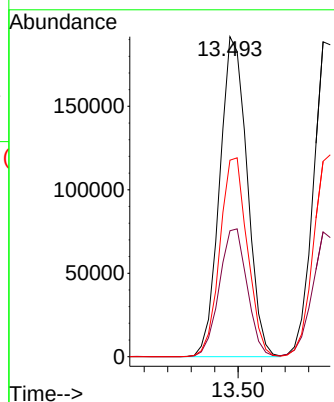
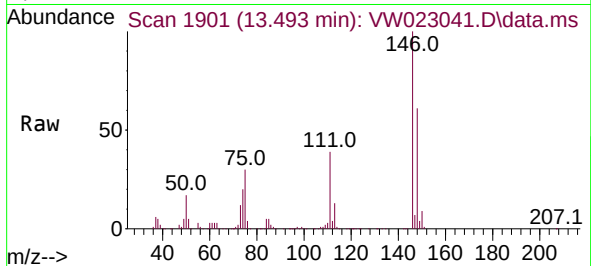




#64
1,3-Dichlorobenzene
Concen: 25.811 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

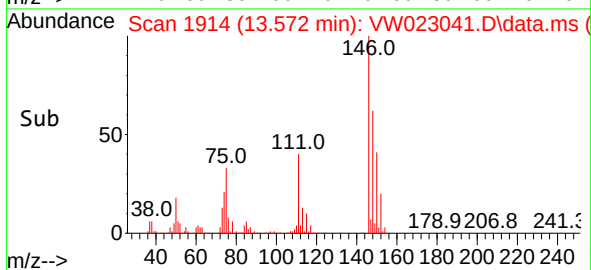
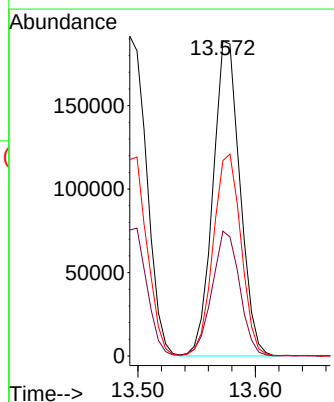
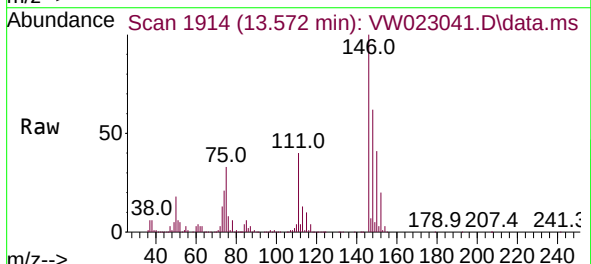
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

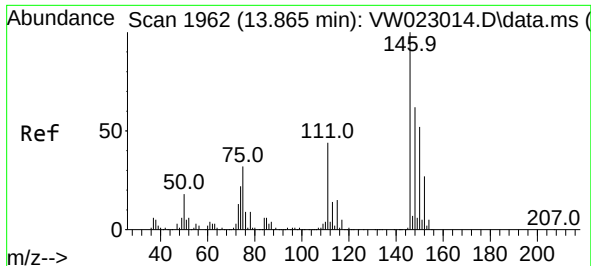
Tgt Ion:146 Resp: 311179
Ion Ratio Lower Upper
146 100
111 39.3 29.5 54.9
148 61.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.230 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023041.D
Acq: 16 May 2022 08:47

Tgt Ion:146 Resp: 301732
Ion Ratio Lower Upper
146 100
111 39.7 27.2 50.4
148 62.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.015 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

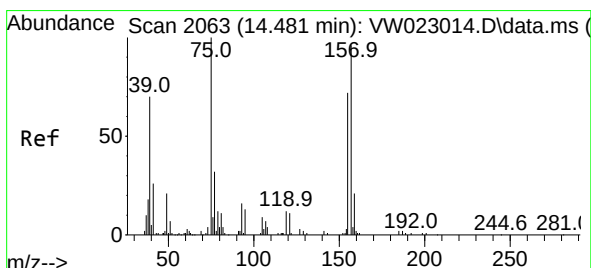
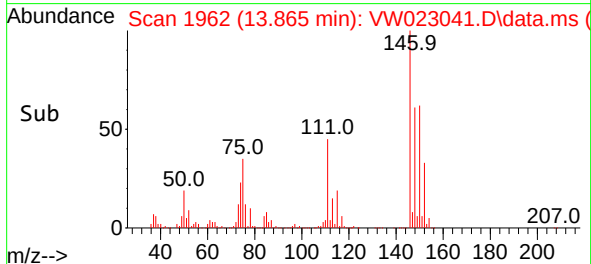
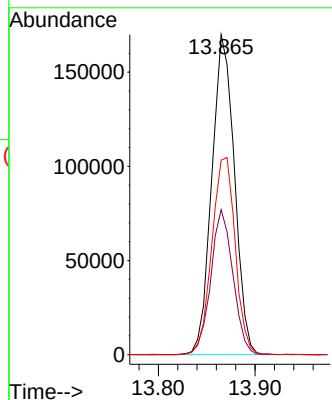
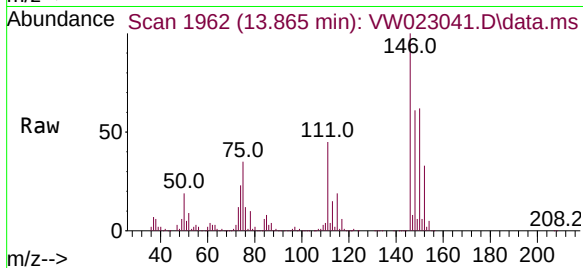
Tgt Ion:146 Resp: 275963

Ion Ratio Lower Upper

146 100

111 45.3 35.7 53.5

148 60.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.986 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

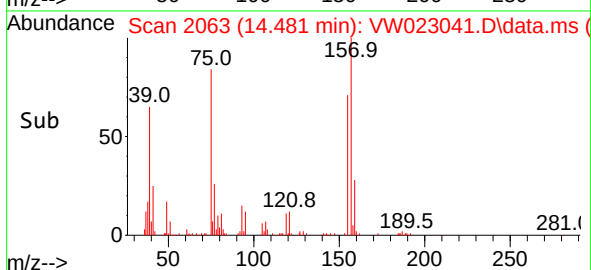
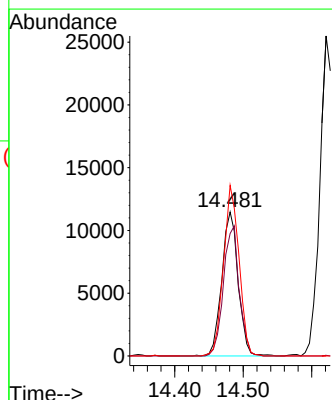
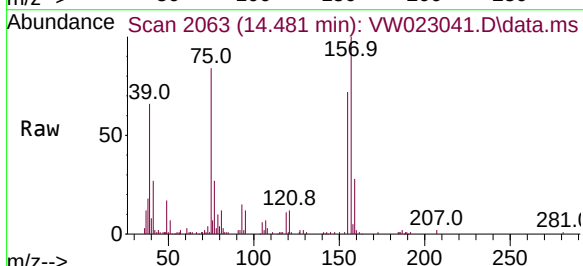
Tgt Ion: 75 Resp: 18924

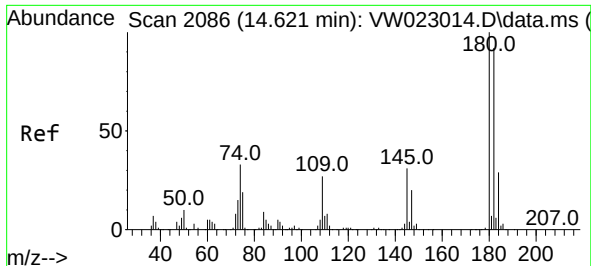
Ion Ratio Lower Upper

75 100

155 85.0 59.3 88.9

157 118.4 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 25.560 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

Tgt Ion:180 Resp: 204542

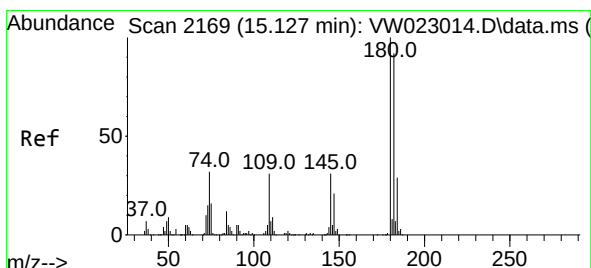
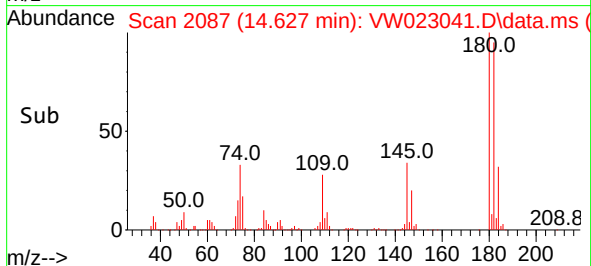
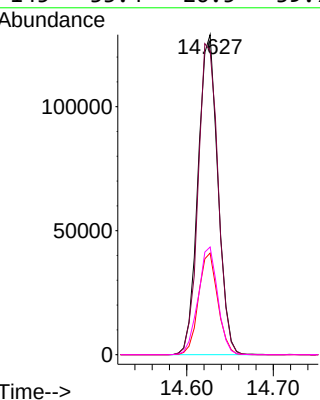
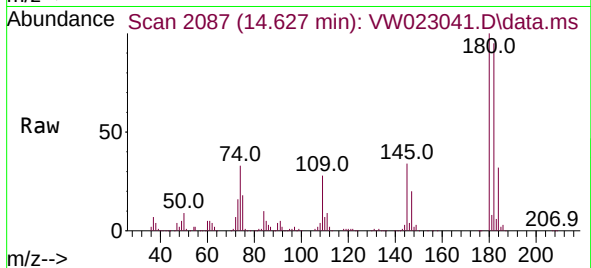
Ion Ratio Lower Upper

180 100

182 97.9 74.8 112.2

184 30.9 23.4 35.2

145 33.4 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 26.003 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

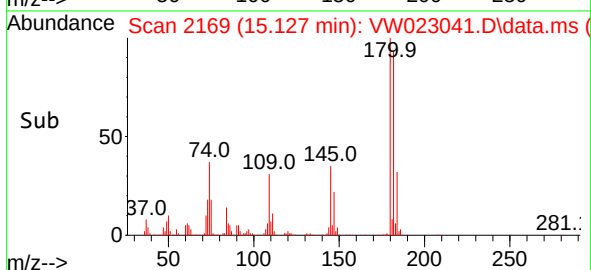
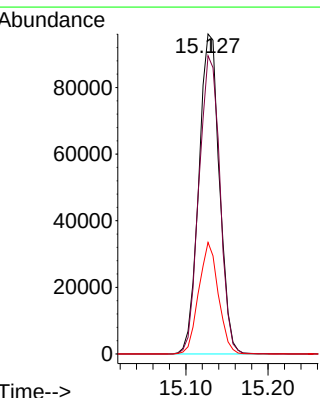
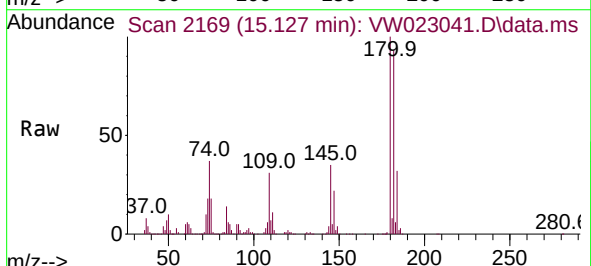
Tgt Ion:180 Resp: 167388

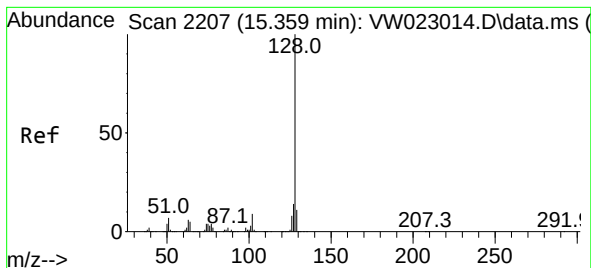
Ion Ratio Lower Upper

180 100

182 94.3 74.9 112.3

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 24.853 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

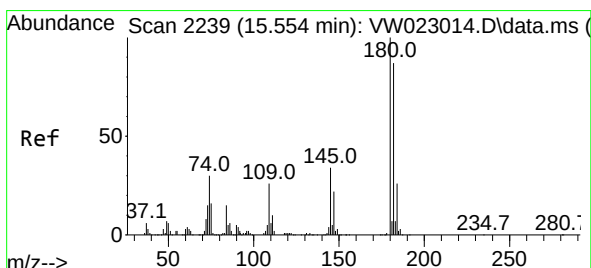
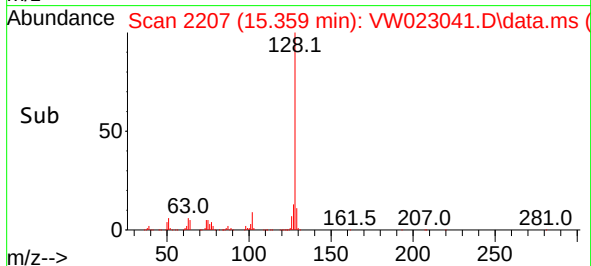
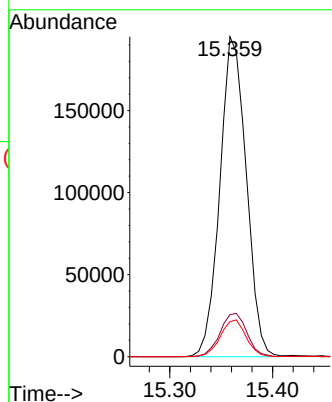
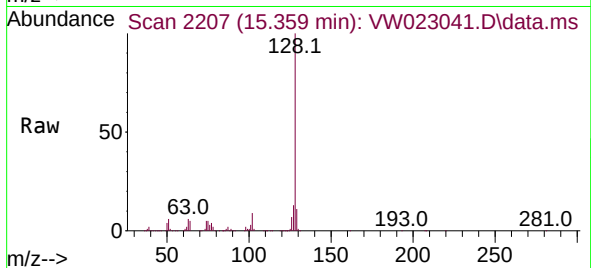
Tgt Ion:128 Resp: 347723

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.282 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW023041.D

Acq: 16 May 2022 08:47

Tgt Ion:180 Resp: 144246

Ion Ratio Lower Upper

180 100

182 91.4 73.5 110.3

145 35.8 27.9 41.9

