

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022042.D
 Acq On : 02 Feb 2022 19:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: Feb 03 00:45:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 00:41:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156184	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	143617	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77101	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47835	25.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.720%
7) Chloroethane-d5	2.879	69	36837	25.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.720%
11) 1,1-Dichloroethene-d2	4.019	63	77200	23.226	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.920%
21) 2-Butanone-d5	7.080	46	19652	58.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.780%
24) Chloroform-d	7.647	84	89831	24.721	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.305	65	46198	25.554	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	8.275	84	172896	23.823	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.280%
36) 1,2-Dichloropropane-d6	9.274	67	48377	24.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	10.323	98	174633	24.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	10.579	79	21493	24.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.440%
47) 2-Hexanone-d5	10.920	63	17469	60.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42939	26.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	66285	23.832	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11052	30.380	ug/L	99
3) Chloromethane	2.215	50	39039	23.784	ug/L	98
5) Vinyl chloride	2.361	62	57864	24.545	ug/L	99
6) Bromomethane	2.776	94	37783	18.848	ug/L	100
8) Chloroethane	2.916	64	31277	25.819	ug/L	99
9) Trichlorofluoromethane	3.257	101	39586	22.243	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	45857	24.319	ug/L	96
12) 1,1-Dichloroethene	4.038	96	41143	23.643	ug/L	95
13) Acetone	4.117	43	15745	50.523	ug/L	100
14) Carbon disulfide	4.385	76	116560	22.964	ug/L	99
15) Methyl Acetate	4.672	43	16045	28.155	ug/L #	87
16) Methylene chloride	4.915	84	43458	23.879	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	47408	24.431	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	64353	25.864	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	73289	24.377	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	49722	24.970	ug/L	99
22) 2-Butanone	7.165	43	22286	55.233	ug/L	98
23) Bromochloromethane	7.513	128	24496	24.983	ug/L	98
25) Chloroform	7.677	83	85633	25.163	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 00:41:48 2022
 Response via : Initial Calibration

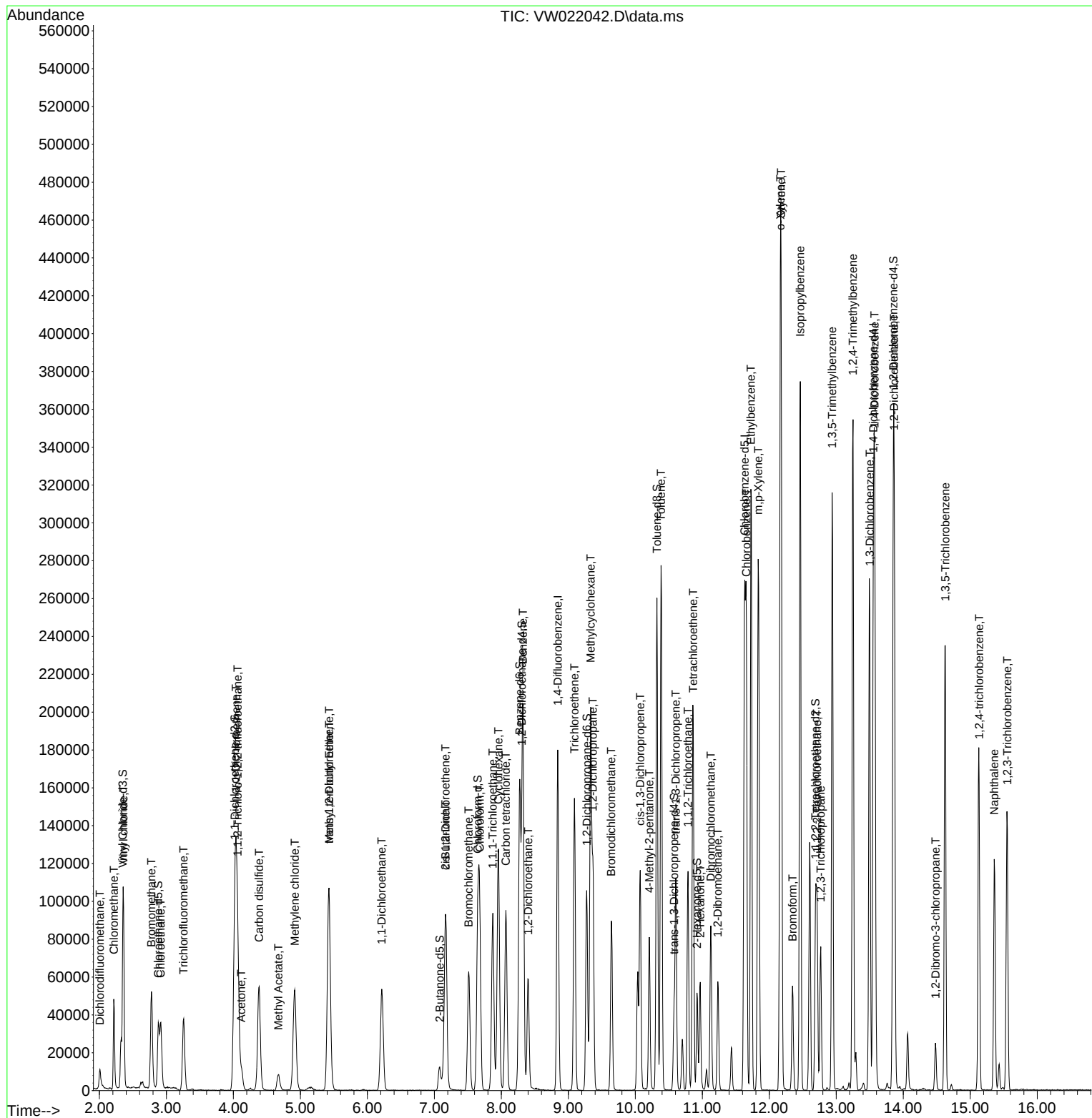
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	52415	26.166	ug/L	96
29) Cyclohexane	7.958	56	67654	23.998	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	74630	23.481	ug/L	99
31) Carbon tetrachloride	8.067	117	72125	23.184	ug/L	97
33) Benzene	8.323	78	182755	24.271	ug/L	100
34) Trichloroethene	9.092	95	52389	24.471	ug/L	97
35) Methylcyclohexane	9.335	83	87347	24.183	ug/L	99
37) 1,2-Dichloropropane	9.366	63	41354	25.005	ug/L	100
38) Bromodichloromethane	9.640	83	59831	25.333	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	67990	25.632	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	46983	57.902	ug/L	99
42) Toluene	10.384	91	207002	24.252	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	59375	25.966	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	35987	25.601	ug/L	97
46) Tetrachloroethene	10.866	164	45391	22.746	ug/L	99
48) 2-Hexanone	10.969	43	34344	56.865	ug/L	94
49) Dibromochloromethane	11.128	129	46069	26.026	ug/L	99
50) 1,2-Dibromoethane	11.231	107	36530	26.248	ug/L	96
51) Chlorobenzene	11.658	112	140059	24.111	ug/L	93
52) Ethylbenzene	11.725	91	229747	24.396	ug/L	96
53) m,p-Xylene	11.835	106	97873	25.048	ug/L	95
54) o-Xylene	12.164	106	90922	24.875	ug/L	99
55) Styrene	12.176	104	153725	26.037	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	41207	26.932	ug/L	97
59) Bromoform	12.347	173	25090	24.640	ug/L #	95
60) Isopropylbenzene	12.463	105	248050	24.624	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29827	26.555	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	167178	25.023	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	201825	24.795	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	117268	24.297	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	111385	23.056	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	101790	23.730	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5595	24.484	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	78788	22.706	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	59133	21.454	ug/L	100
71) Naphthalene	15.359	128	108523	24.133	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	50825	21.574	ug/L	95

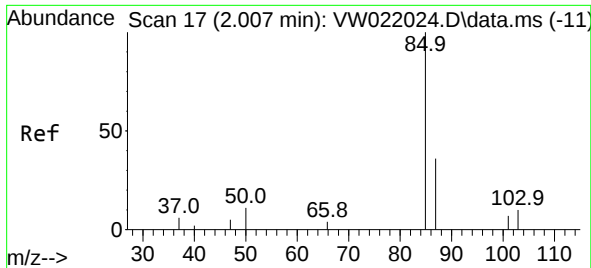
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Quant Title : SFAM01.0
QLast Update : Thu Feb 03 00:41:48 2022
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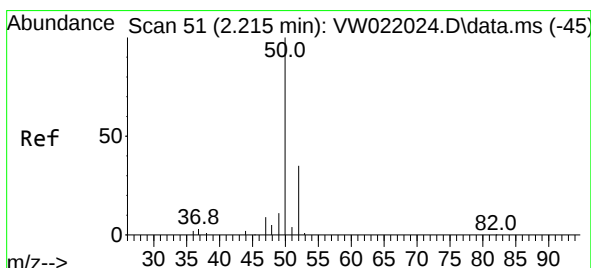
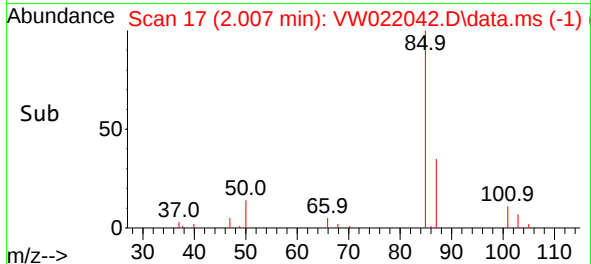
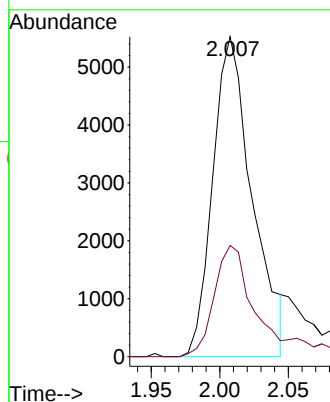
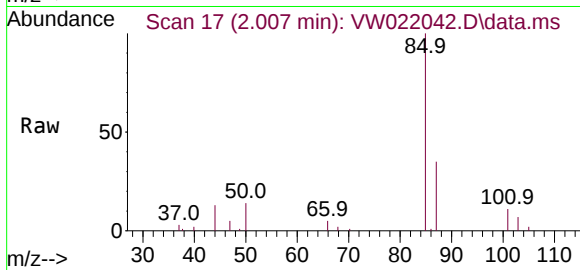




#2
 Dichlorodifluoromethane
 Concen: 30.380 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022042.D
 Acq: 02 Feb 2022 19:38

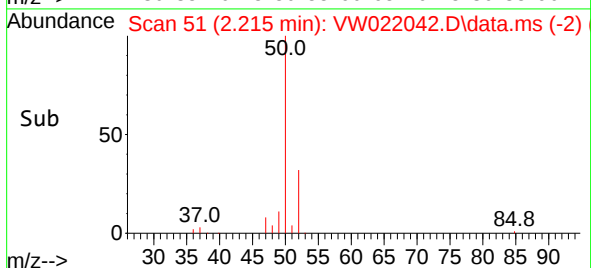
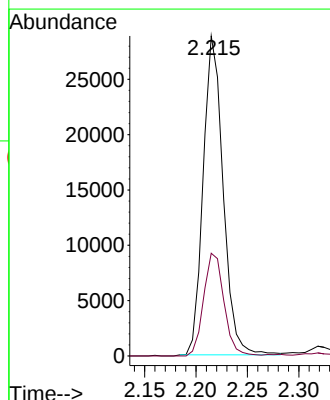
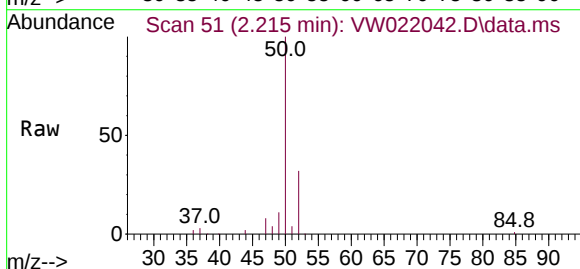
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

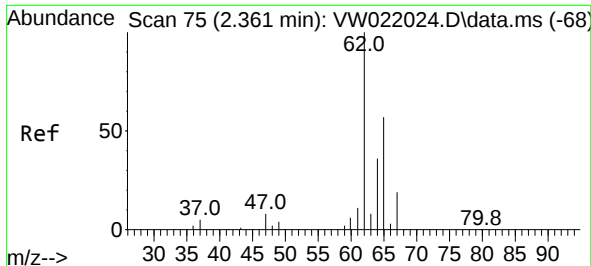
Tgt Ion: 85 Resp: 11052
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.2 39.4



#3
 Chloromethane
 Concen: 23.784 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022042.D
 Acq: 02 Feb 2022 19:38

Tgt Ion: 50 Resp: 39039
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.3 43.3

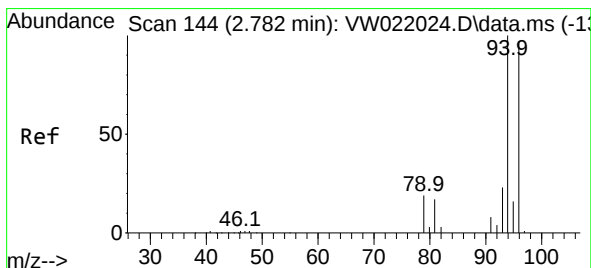
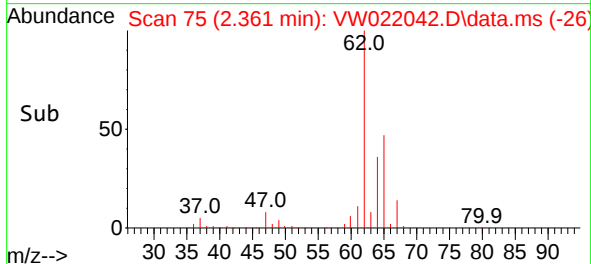
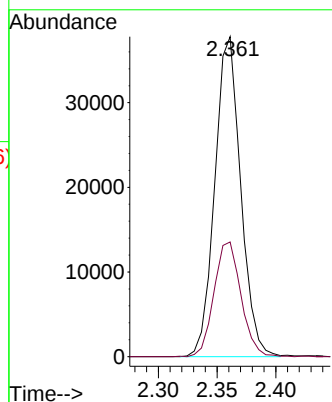
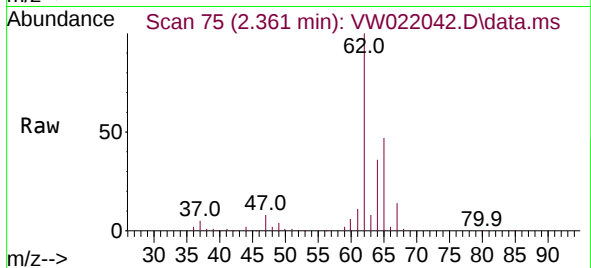




#5
 Vinyl chloride
 Concen: 24.545 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022042.D
 Acq: 02 Feb 2022 19:38

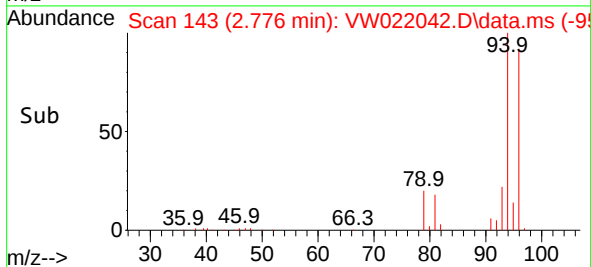
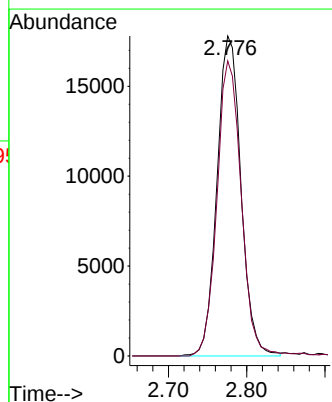
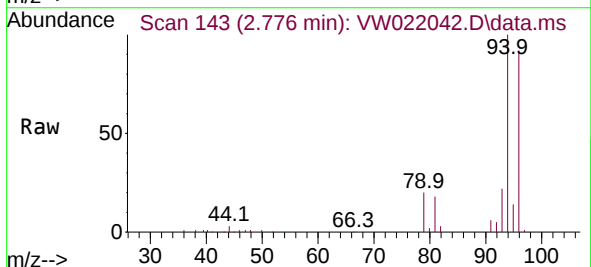
Instrument :
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 ClientSampleId :
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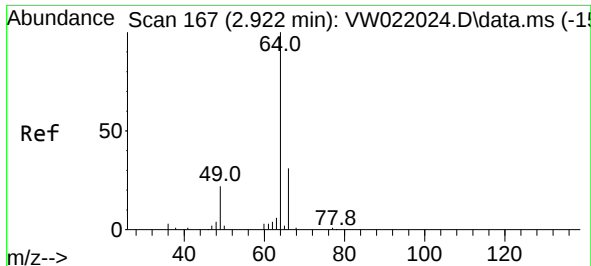
Tgt Ion: 62 Resp: 57864
 Ion Ratio Lower Upper
 62 100
 64 35.8 24.6 45.6



#6
 Bromomethane
 Concen: 18.848 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022042.D
 Acq: 02 Feb 2022 19:38

Tgt Ion: 94 Resp: 37783
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.6 120.0





#8

Chloroethane

Concen: 25.819 ug/L

RT: 2.916 min Scan# 166

Delta R.T. -0.006 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

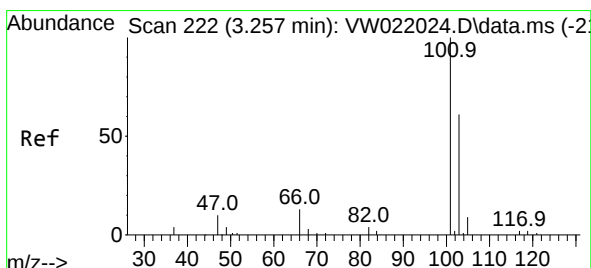
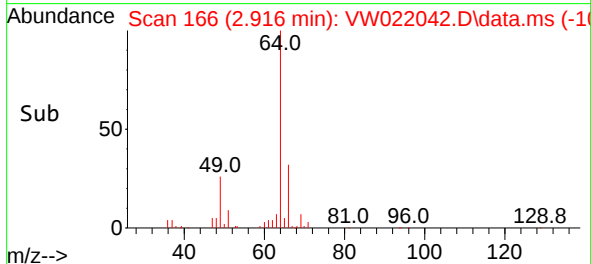
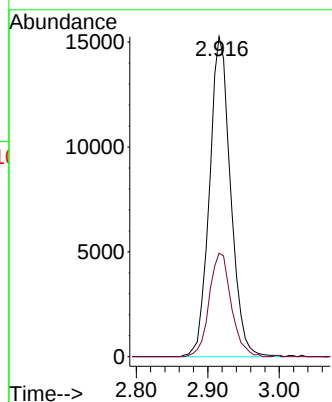
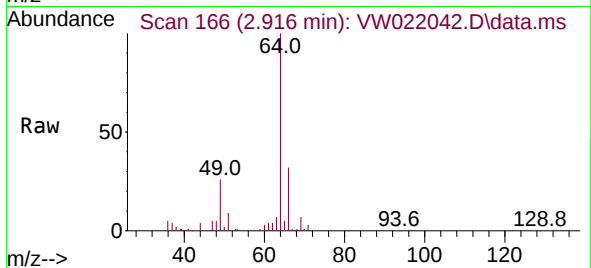
VSTD025552

Tgt Ion: 64 Resp: 31277

Ion Ratio Lower Upper

64 100

66 32.4 22.3 41.5



#9

Trichlorofluoromethane

Concen: 22.243 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.000 min

Lab File: VW022042.D

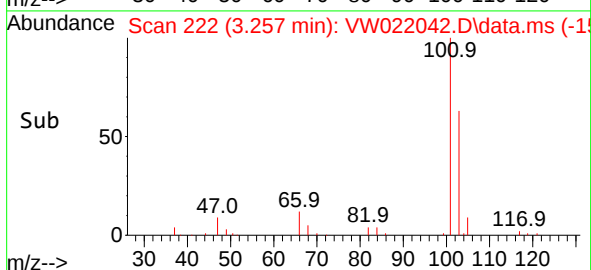
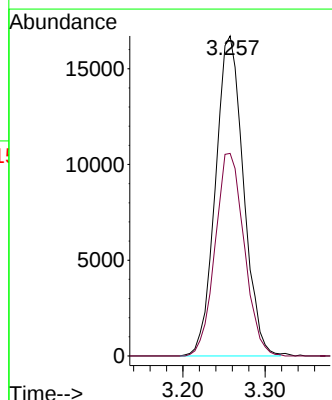
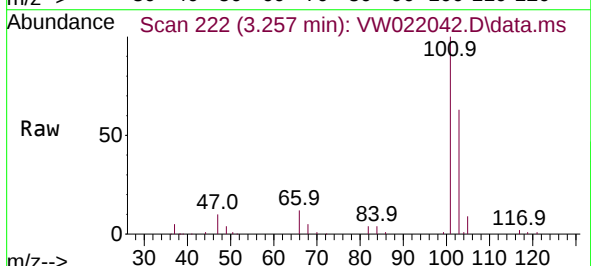
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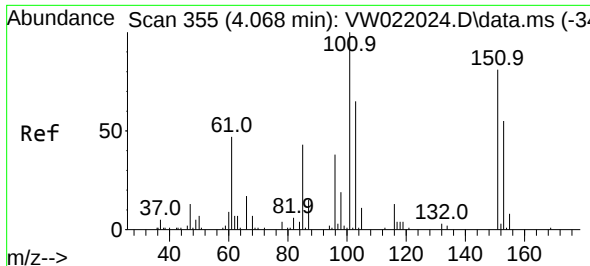
Tgt Ion:101 Resp: 39586

Ion Ratio Lower Upper

101 100

103 65.7 52.9 79.3

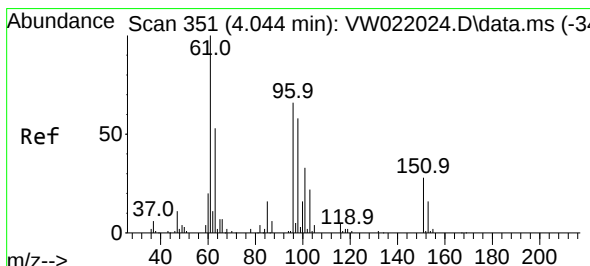
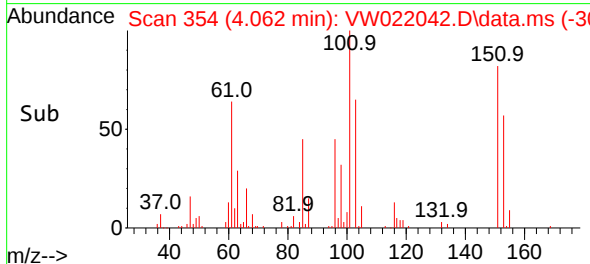
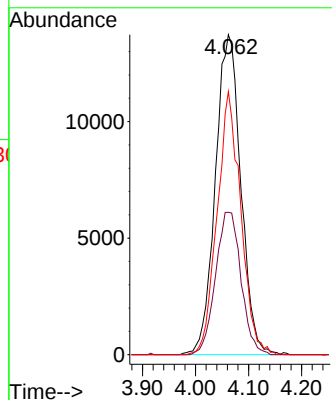
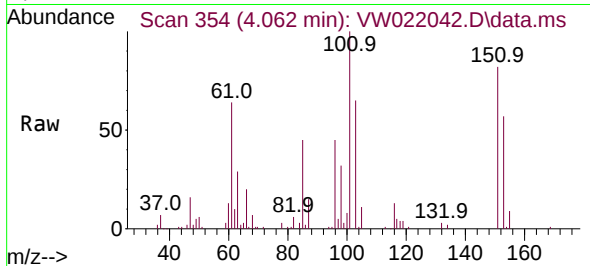




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.319 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022042.D
 Acq: 02 Feb 2022 19:38

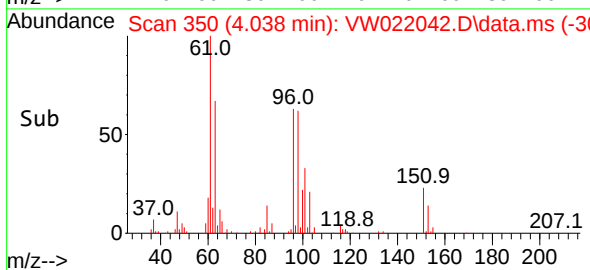
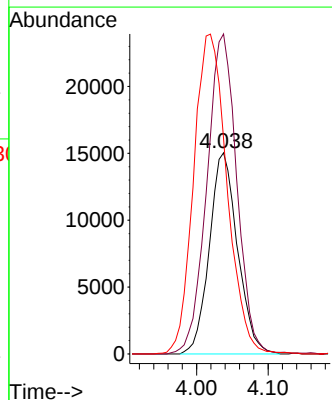
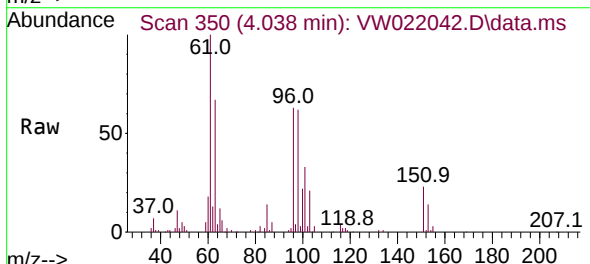
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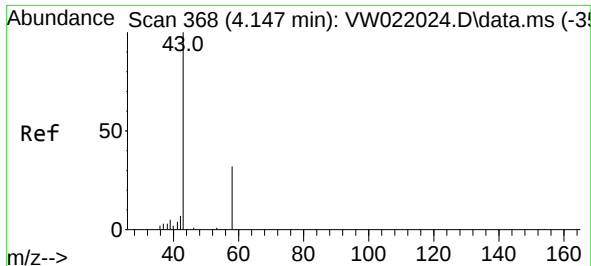
Tgt Ion:101 Resp: 45857
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.8 55.2
 151 76.3 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 23.643 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022042.D
 Acq: 02 Feb 2022 19:38

Tgt Ion: 96 Resp: 41143
 Ion Ratio Lower Upper
 96 100
 61 159.2 111.5 207.1
 63 107.1 83.1 154.3





#13

Acetone

Concen: 50.523 ug/L

RT: 4.117 min Scan# 363

Delta R.T. -0.030 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

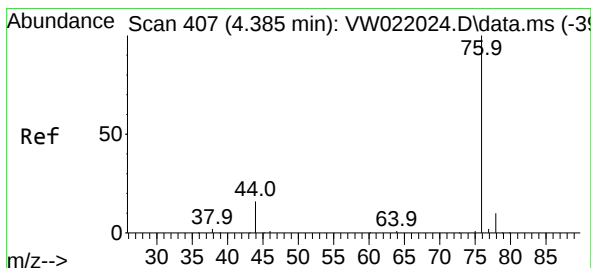
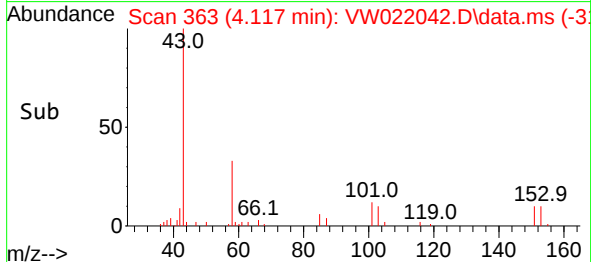
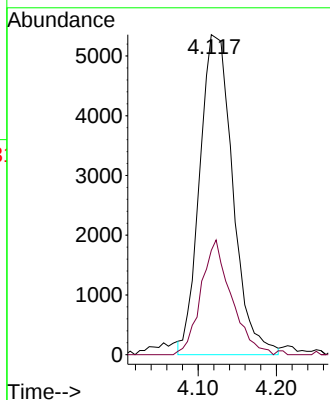
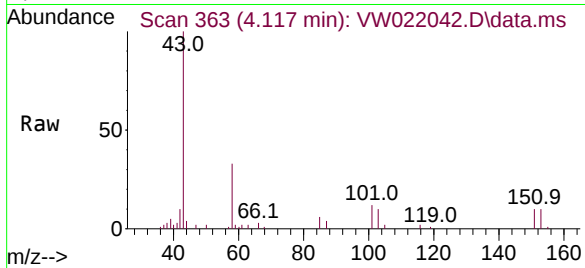
VSTD025552

Tgt Ion: 43 Resp: 15745

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.0



#14

Carbon disulfide

Concen: 22.964 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022042.D

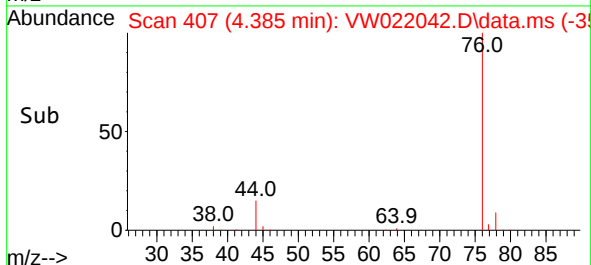
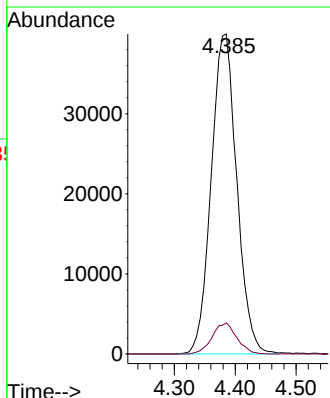
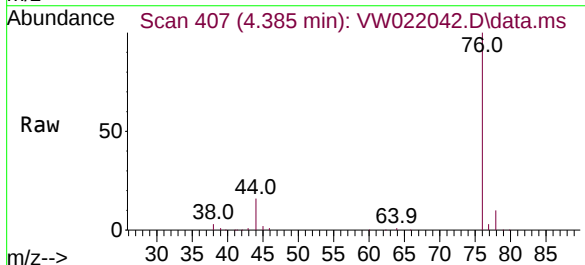
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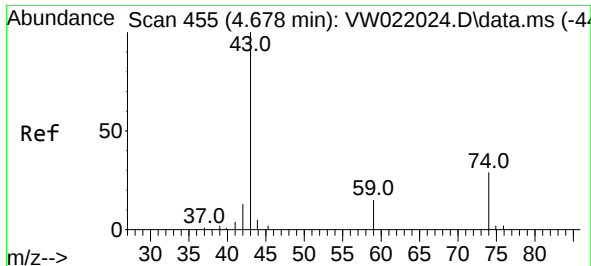
Tgt Ion: 76 Resp: 116560

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

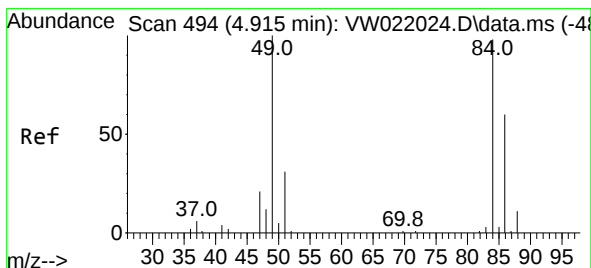
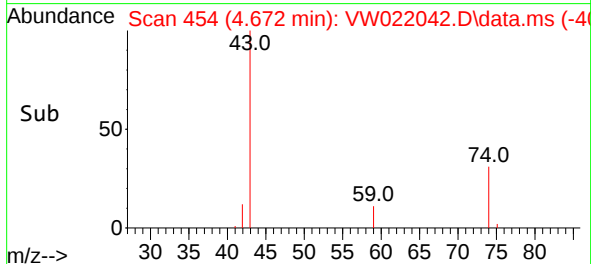
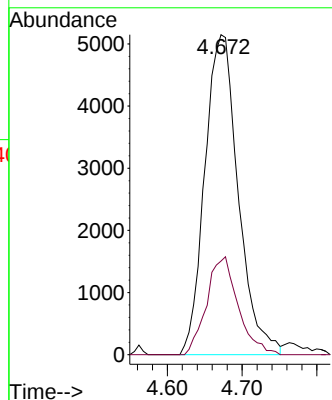
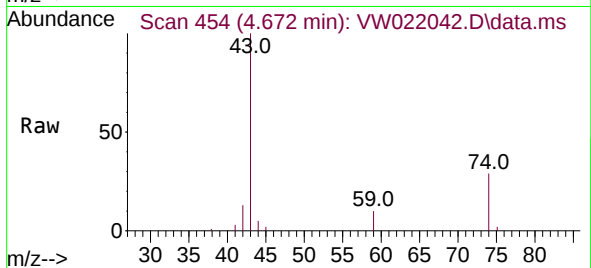




#15
Methyl Acetate
Concen: 28.155 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

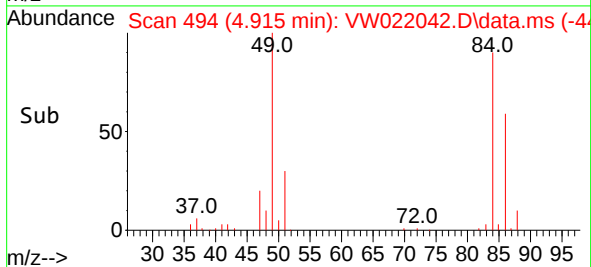
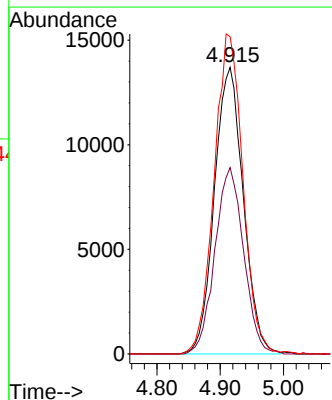
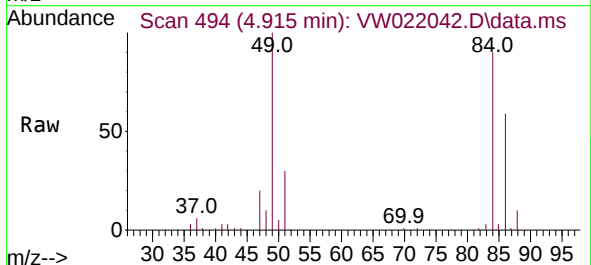
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

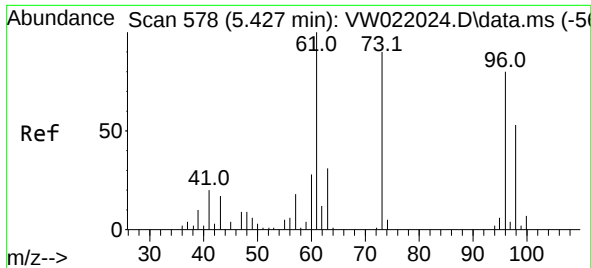
Tgt Ion: 43 Resp: 16045
Ion Ratio Lower Upper
43 100
74 28.5 18.0 27.0#



#16
Methylene chloride
Concen: 23.879 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion: 84 Resp: 43458
Ion Ratio Lower Upper
84 100
86 65.0 44.1 81.9
49 110.7 74.7 138.7

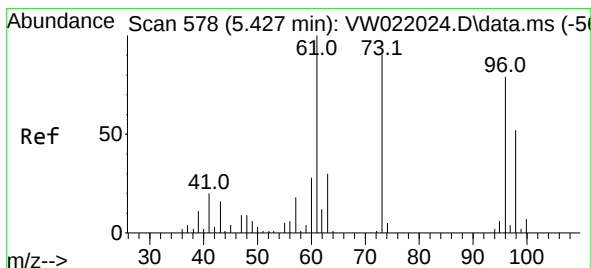
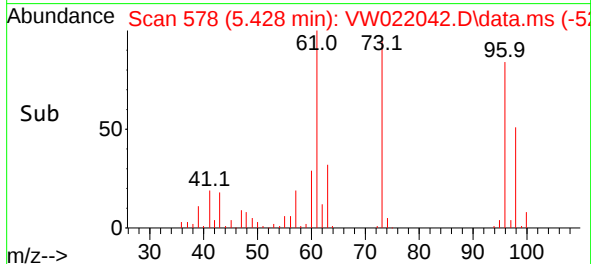
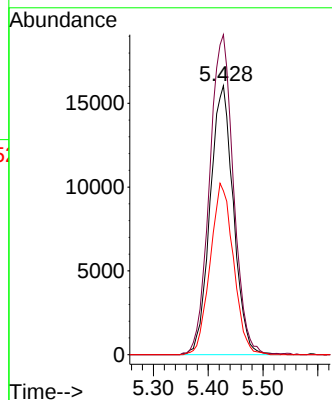
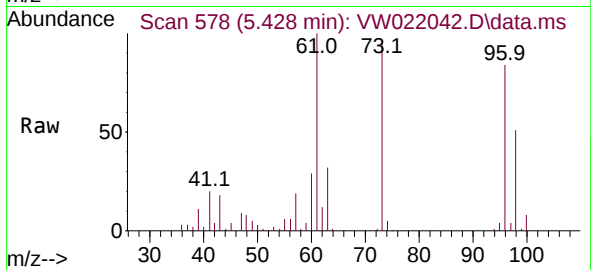




#17
trans-1,2-Dichloroethene
Concen: 24.431 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

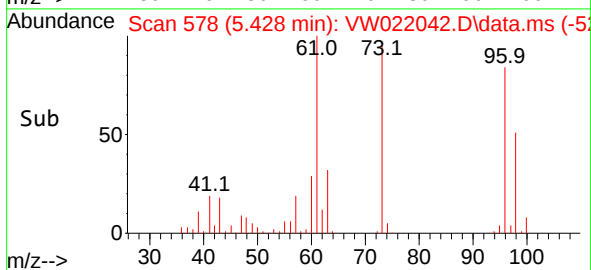
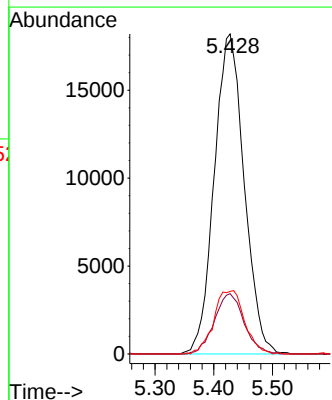
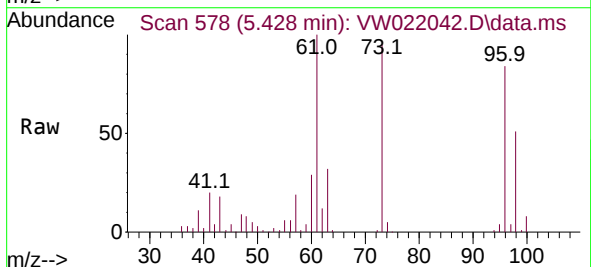
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

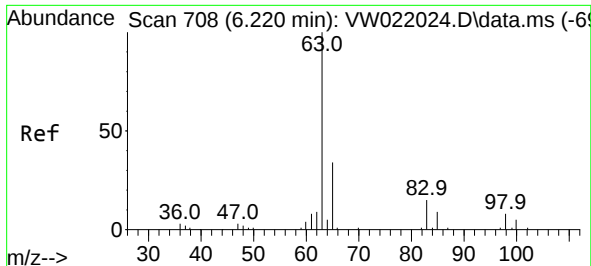
Tgt Ion: 96 Resp: 47408
Ion Ratio Lower Upper
96 100
61 119.0 84.3 156.5
98 60.9 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 25.864 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion: 73 Resp: 64353
Ion Ratio Lower Upper
73 100
43 18.7 15.3 22.9
57 9.6 16.3 24.5





#19

1,1-Dichloroethane

Concen: 24.377 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

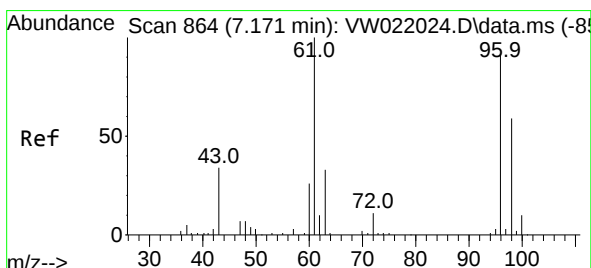
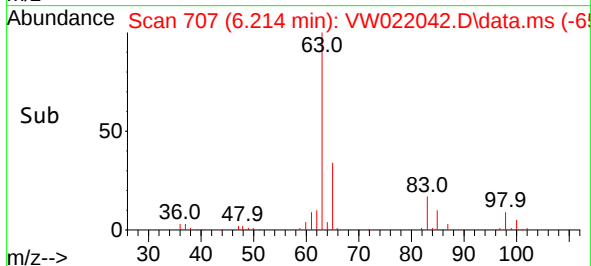
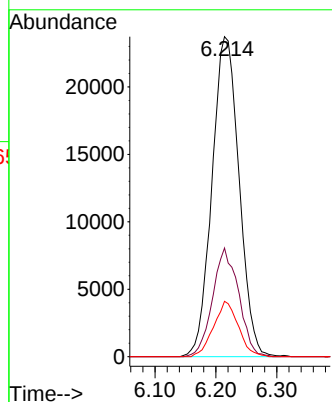
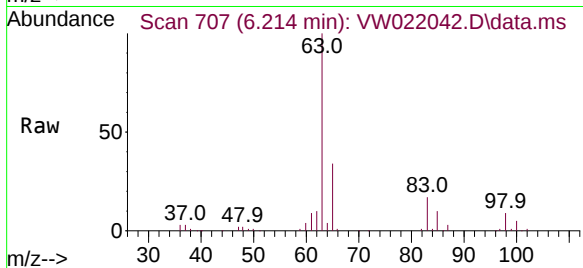
Tgt Ion: 63 Resp: 73289

Ion Ratio Lower Upper

63 100

65 33.9 20.9 38.7

83 17.3 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 24.970 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

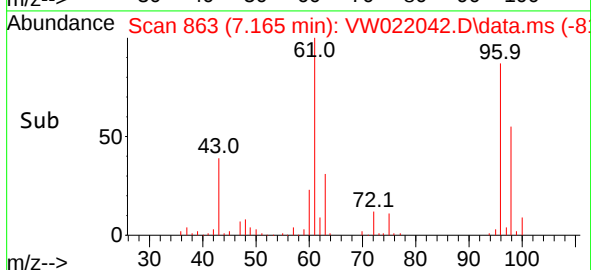
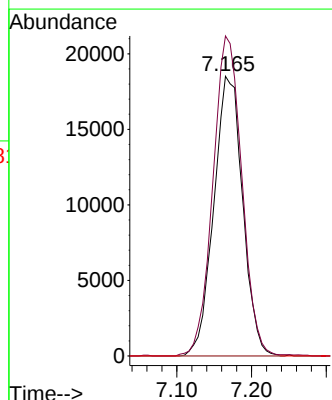
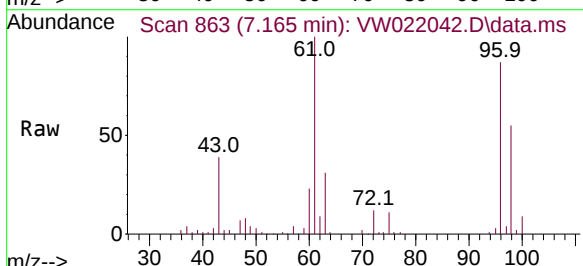
Tgt Ion: 96 Resp: 49722

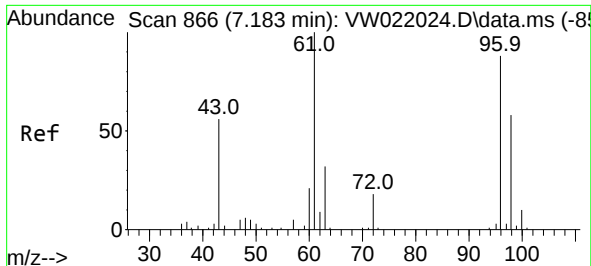
Ion Ratio Lower Upper

96 100

61 114.4 79.0 146.8

68 0.0 0.0 0.0

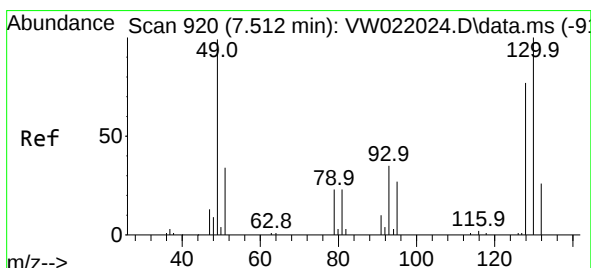
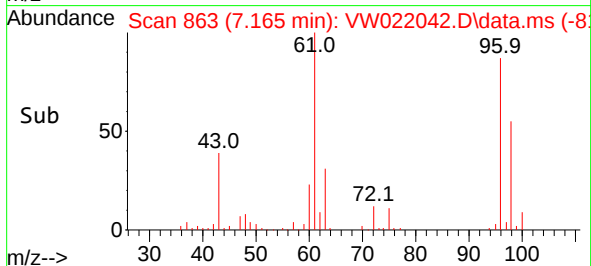
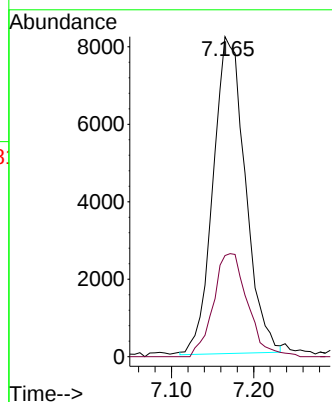
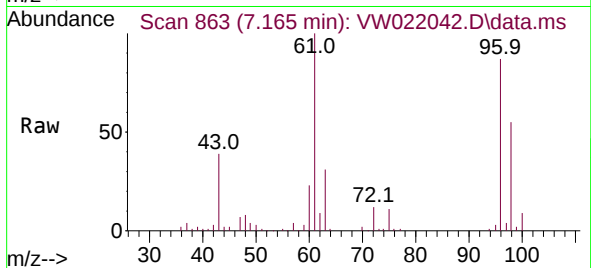




#22
2-Butanone
Concen: 55.233 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.018 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

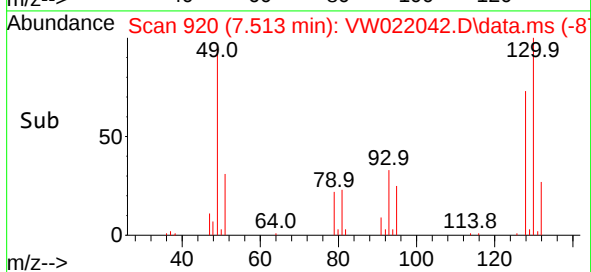
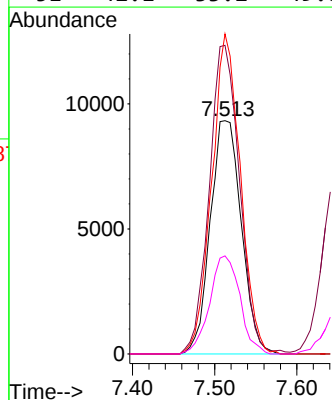
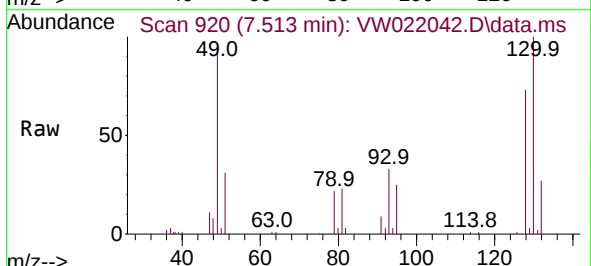
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

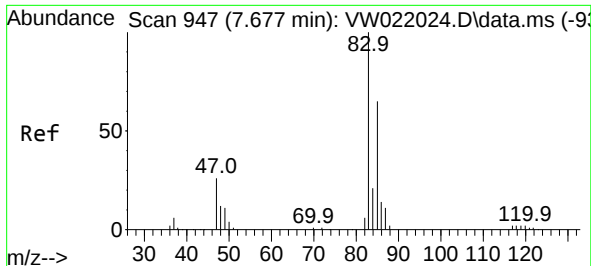
Tgt Ion: 43 Resp: 22286
Ion Ratio Lower Upper
43 100
72 34.5 16.8 50.4



#23
Bromochloromethane
Concen: 24.983 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion: 128 Resp: 24496
Ion Ratio Lower Upper
128 100
49 132.3 92.7 172.3
130 137.1 92.5 171.7
51 42.1 33.2 49.8





#25

Chloroform

Concen: 25.163 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

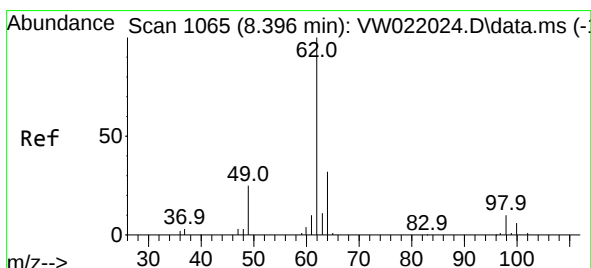
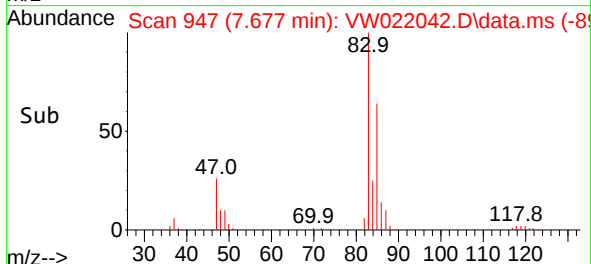
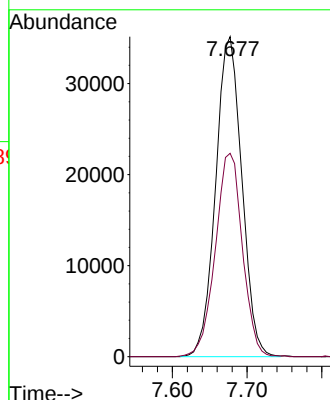
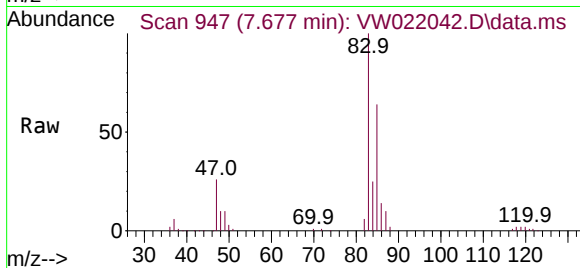
VSTD025552

Tgt Ion: 83 Resp: 85633

Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.2



#27

1,2-Dichloroethane

Concen: 26.166 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022042.D

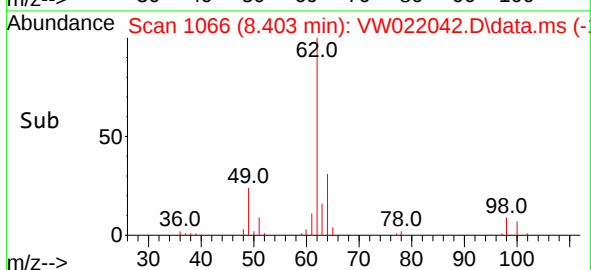
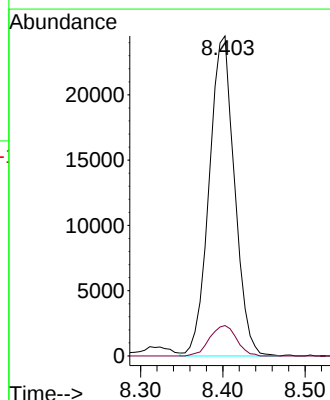
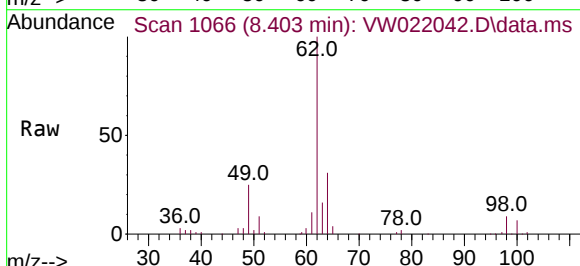
Acq: 02 Feb 2022 19:38

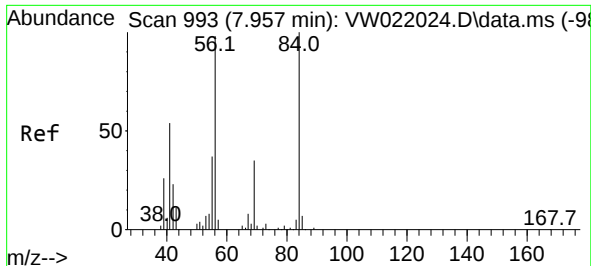
Tgt Ion: 62 Resp: 52415

Ion Ratio Lower Upper

62 100

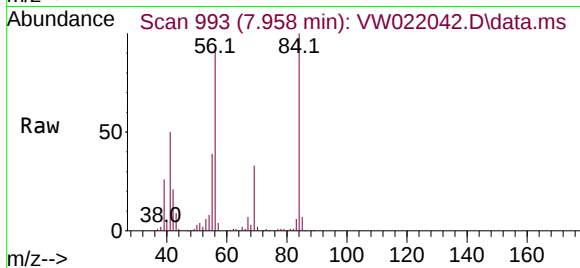
98 9.5 8.8 13.2



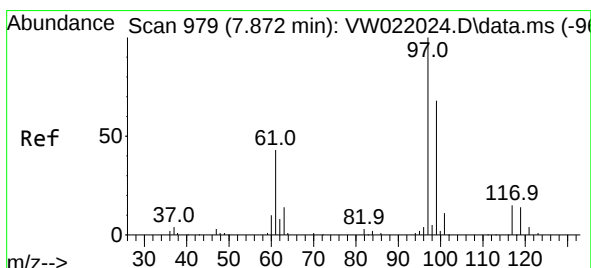
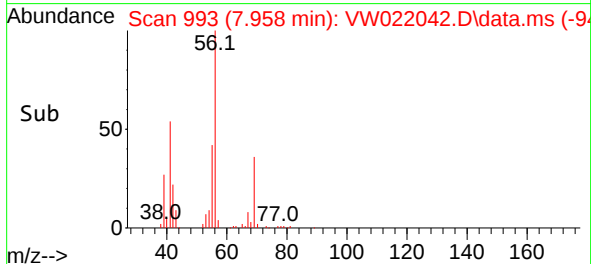
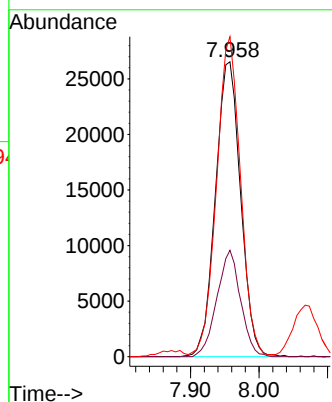


#29
Cyclohexane
Concen: 23.998 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

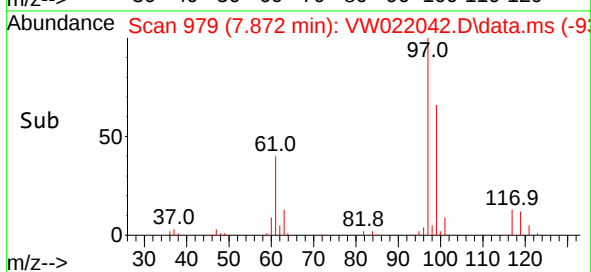
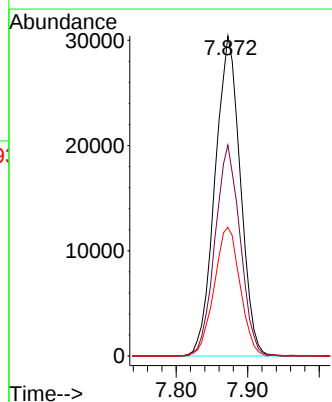
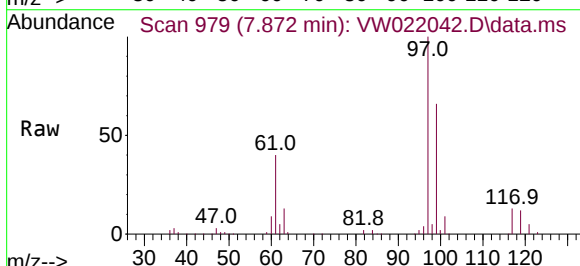


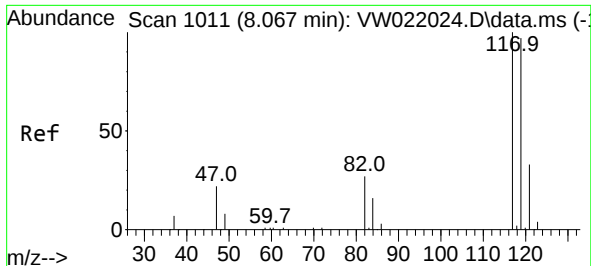
Tgt Ion:	56	Resp:	67654
Ion	Ratio	Lower	Upper
56	100		
69	33.9	26.3	39.5
84	103.4	82.3	123.5



#30
1,1,1-Trichloroethane
Concen: 23.481 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion:	97	Resp:	74630
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.6	77.4
61	41.2	32.3	48.5

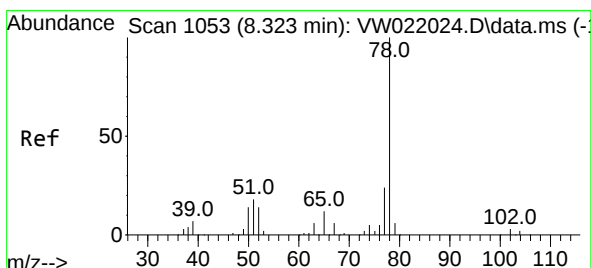
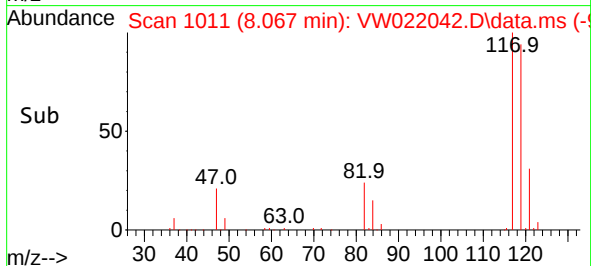
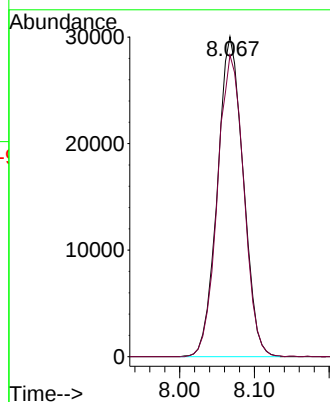
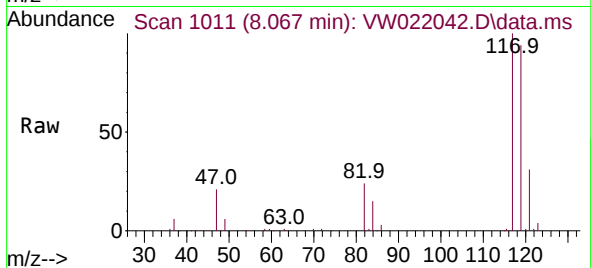




#31
Carbon tetrachloride
Concen: 23.184 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

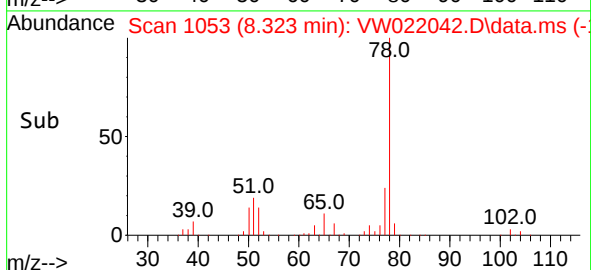
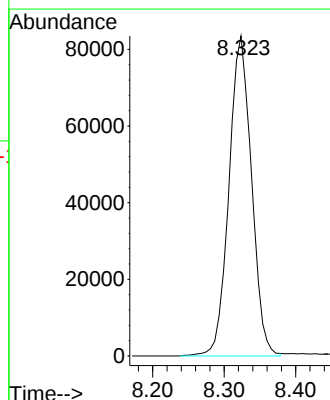
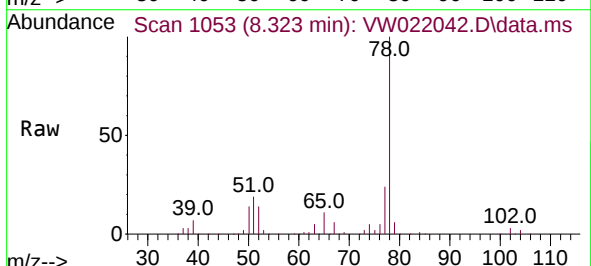
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

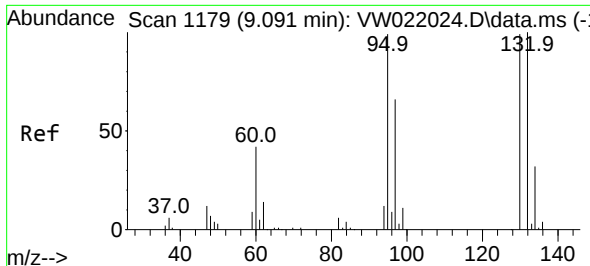
Tgt Ion:117 Resp: 72125
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1



#33
Benzene
Concen: 24.271 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion: 78 Resp: 182755

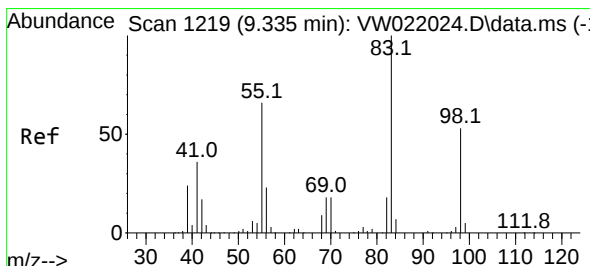
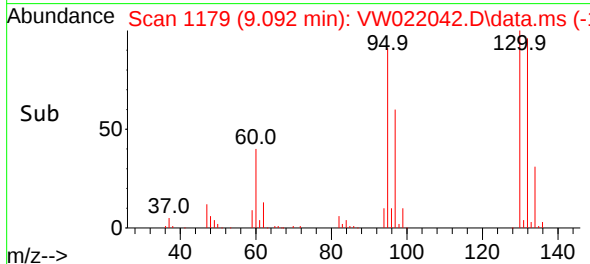
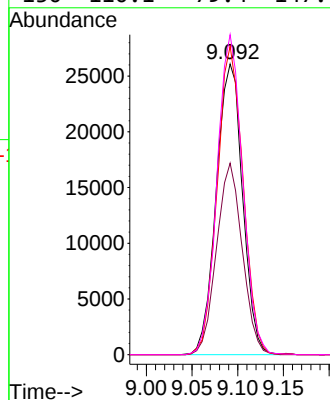
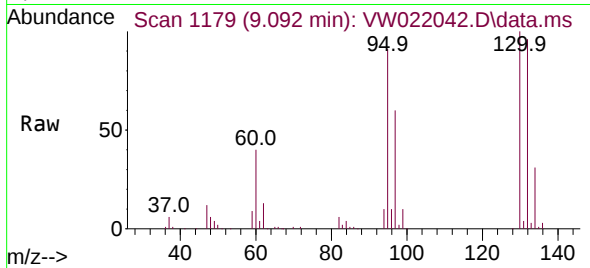




#34
Trichloroethene
Concen: 24.471 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

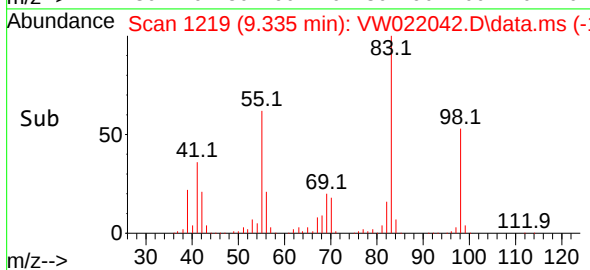
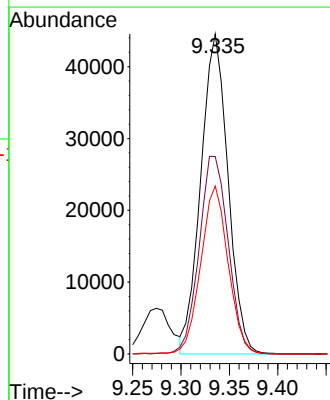
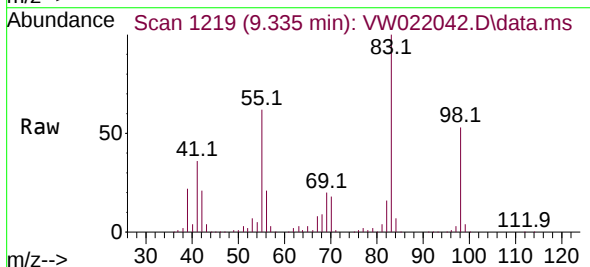
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

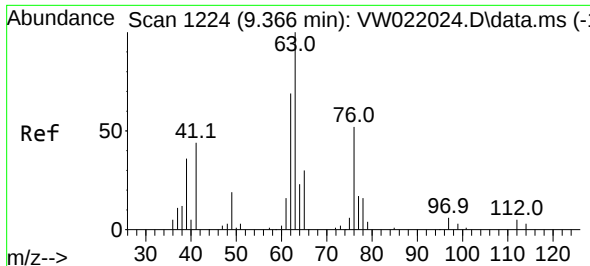
Tgt Ion: 95 Resp: 52389
Ion Ratio Lower Upper
95 100
97 65.9 45.1 83.7
132 106.1 76.1 141.3
130 110.1 79.4 147.4



#35
Methylcyclohexane
Concen: 24.183 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion: 83 Resp: 87347
Ion Ratio Lower Upper
83 100
55 65.7 53.4 80.2
98 52.7 42.6 63.8





#37

1,2-Dichloropropane

Concen: 25.005 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

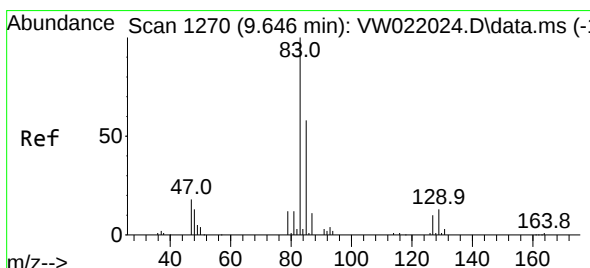
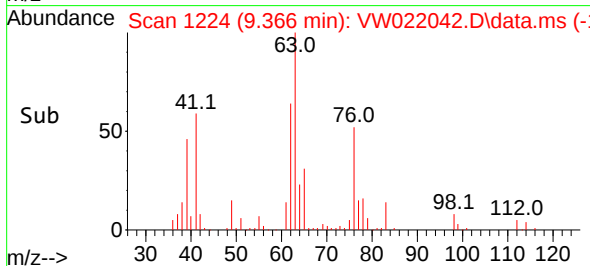
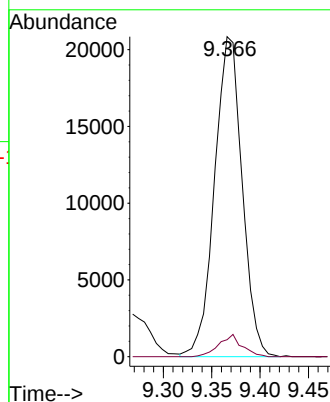
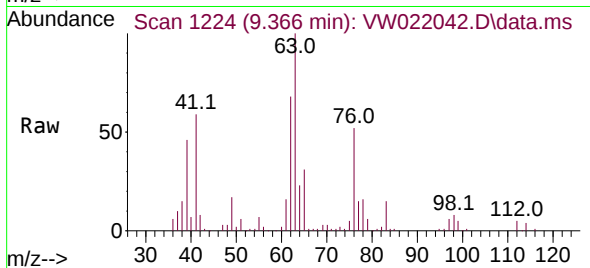
VSTD025552

Tgt Ion: 63 Resp: 41354

Ion Ratio Lower Upper

63 100

112 5.8 4.7 7.1



#38

Bromodichloromethane

Concen: 25.333 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

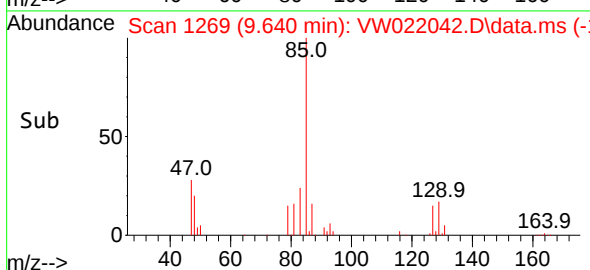
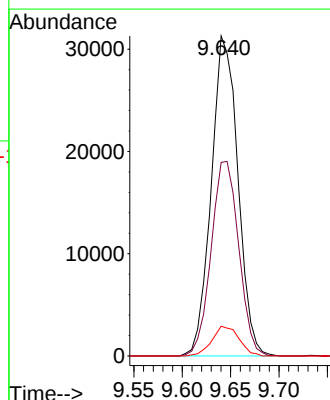
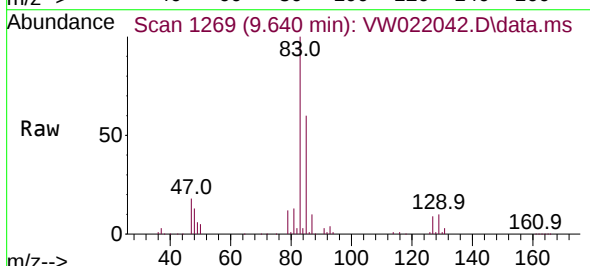
Tgt Ion: 83 Resp: 59831

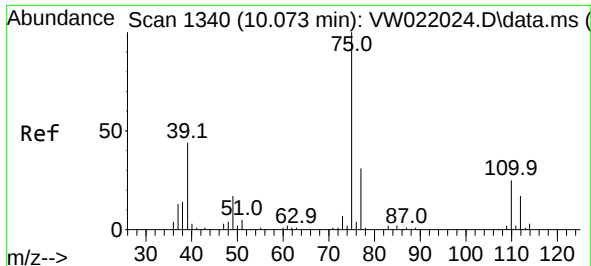
Ion Ratio Lower Upper

83 100

85 60.5 44.7 83.1

127 9.3 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 25.632 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

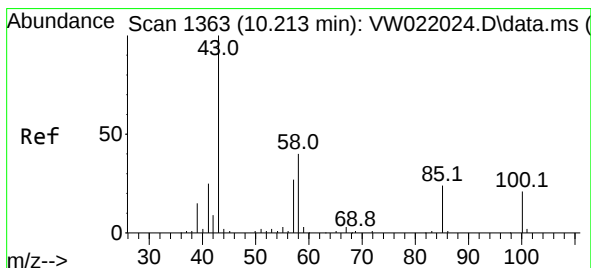
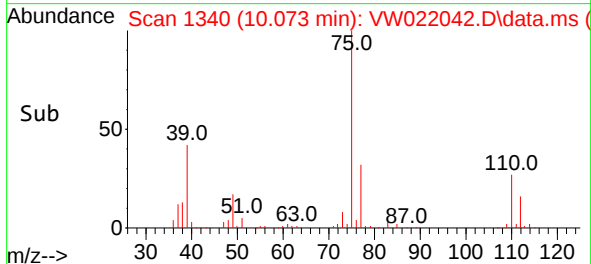
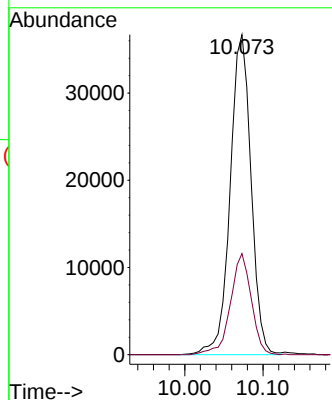
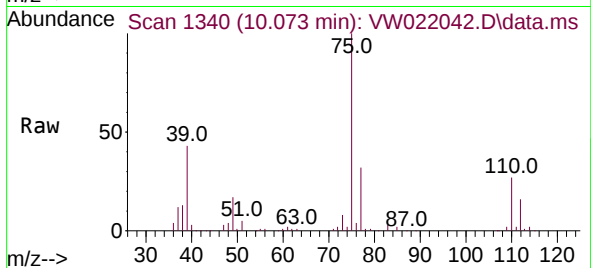
VSTD025552

Tgt Ion: 75 Resp: 67990

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 57.902 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

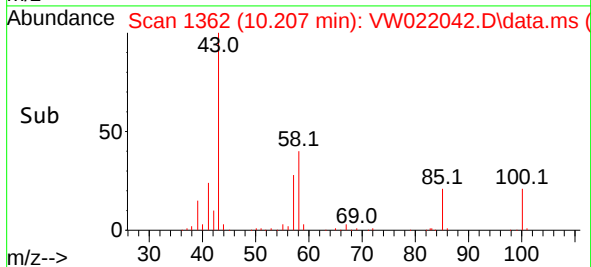
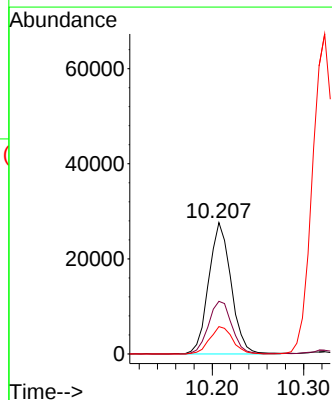
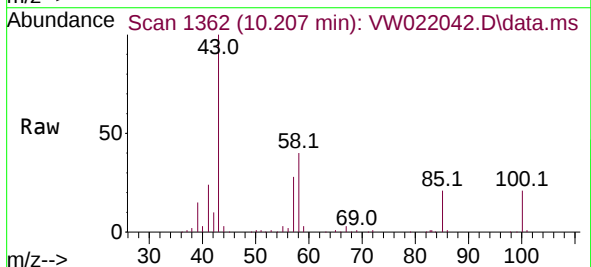
Tgt Ion: 43 Resp: 46983

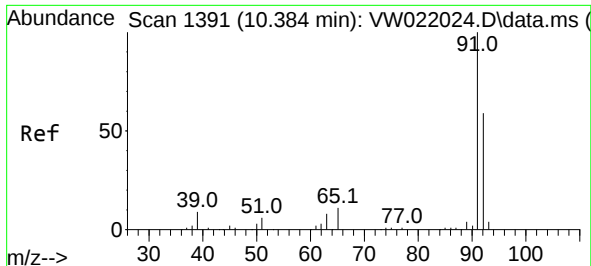
Ion Ratio Lower Upper

43 100

58 41.9 34.4 51.6

100 21.2 17.0 25.4





#42

Toluene

Concen: 24.252 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

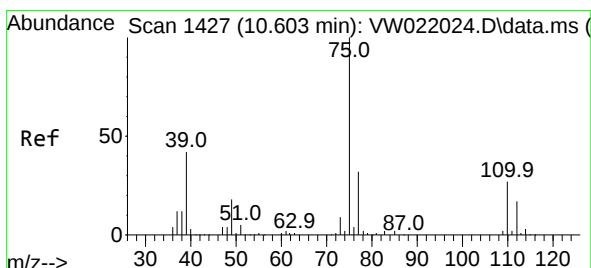
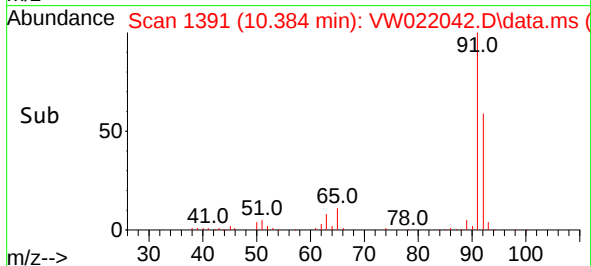
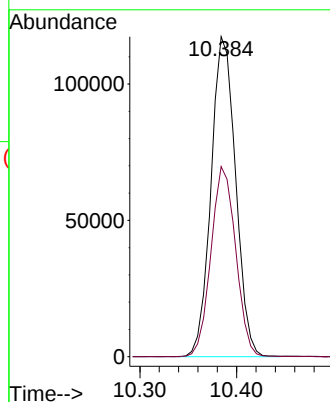
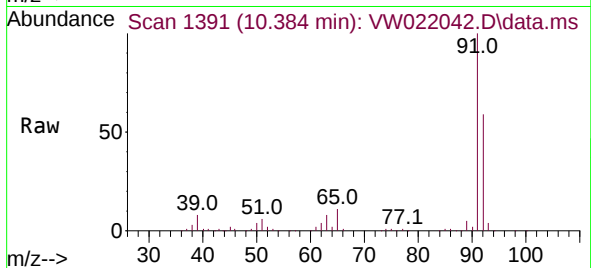
VSTD025552

Tgt Ion: 91 Resp: 207002

Ion Ratio Lower Upper

91 100

92 59.4 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 25.966 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022042.D

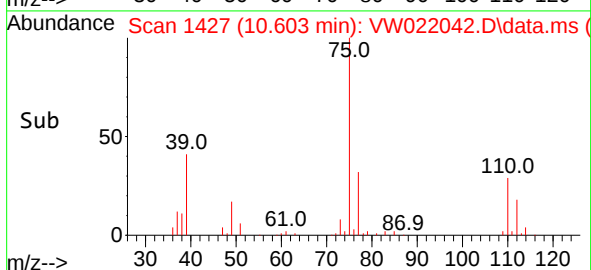
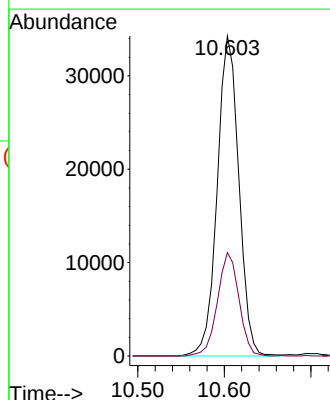
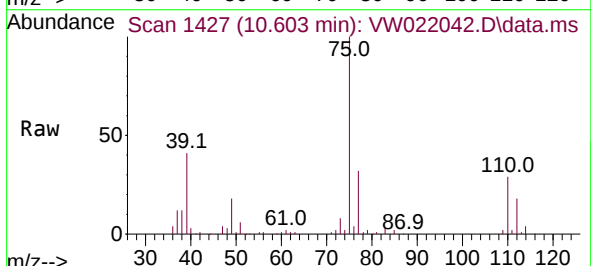
Acq: 02 Feb 2022 19:38

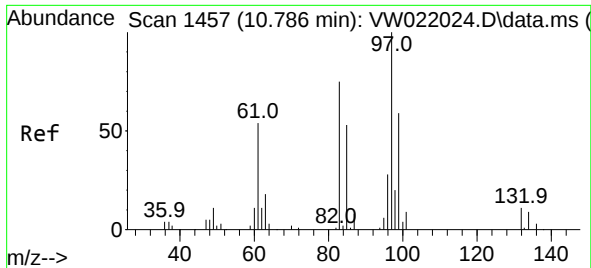
Tgt Ion: 75 Resp: 59375

Ion Ratio Lower Upper

75 100

77 32.3 22.1 41.1

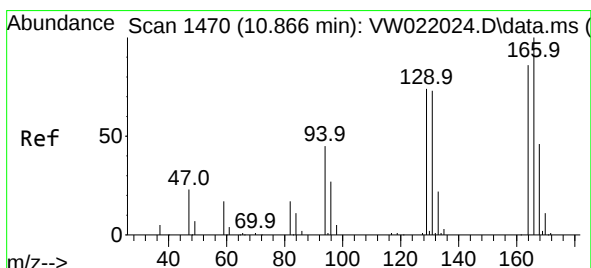
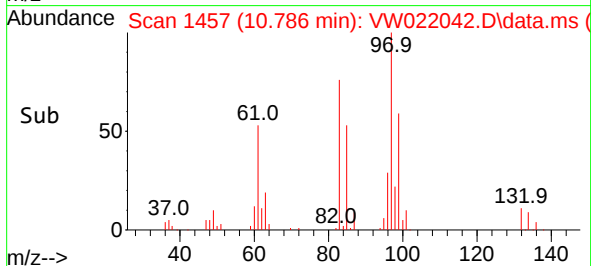
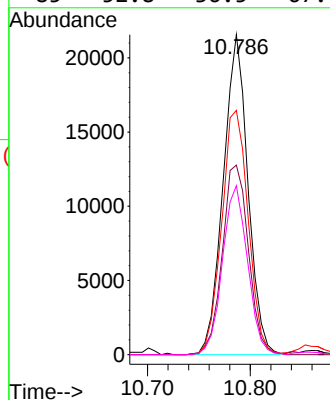
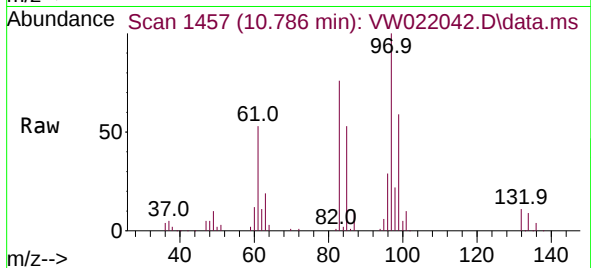




#45
1,1,2-Trichloroethane
Concen: 25.601 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

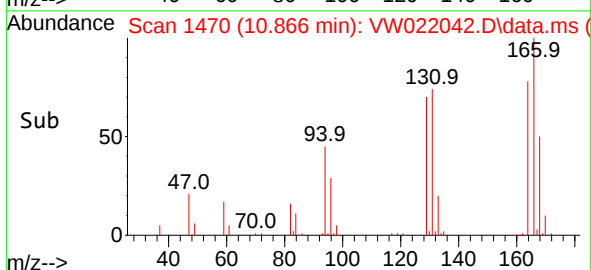
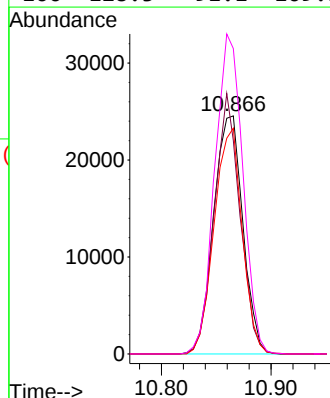
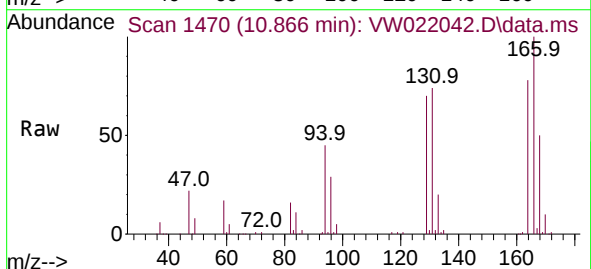
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

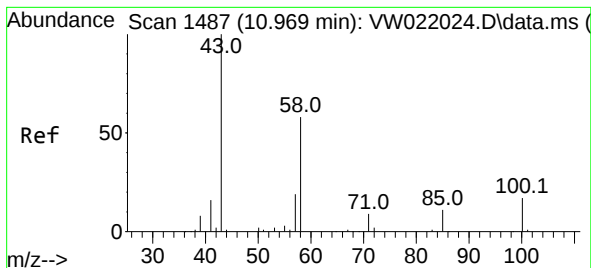
Tgt Ion:	97	Resp:	35987
Ion	Ratio	Lower	Upper
97	100		
99	59.2	43.8	81.4
83	76.4	56.1	104.3
85	52.8	36.5	67.7



#46
Tetrachloroethene
Concen: 22.746 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion:	164	Resp:	45391
Ion	Ratio	Lower	Upper
164	100		
129	89.7	62.6	116.2
131	94.8	67.1	124.7
166	128.3	91.1	169.1





#48

2-Hexanone

Concen: 56.865 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

Tgt Ion: 43 Resp: 34344

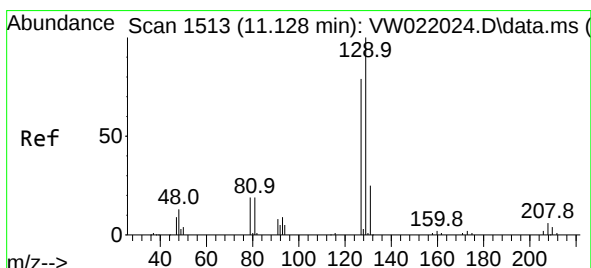
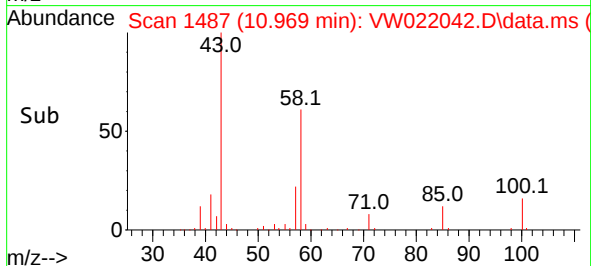
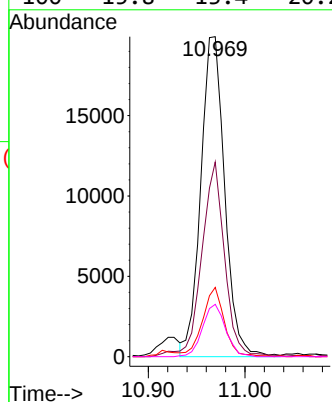
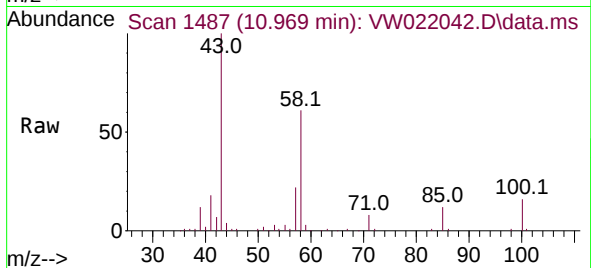
Ion Ratio Lower Upper

43 100

58 55.1 49.2 73.8

57 19.7 16.6 24.8

100 15.8 13.4 20.2



#49

Dibromochloromethane

Concen: 26.026 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW022042.D

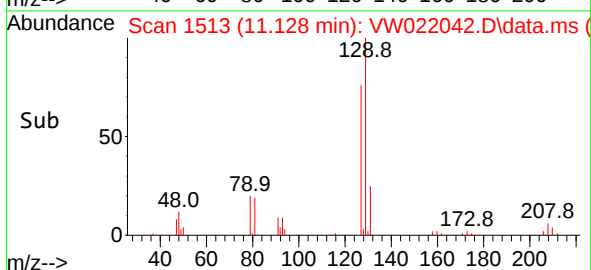
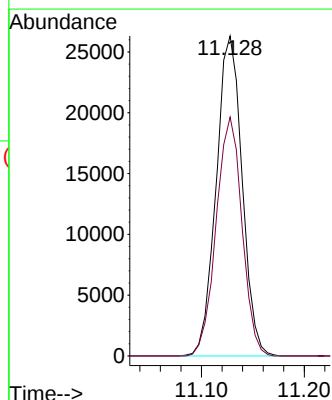
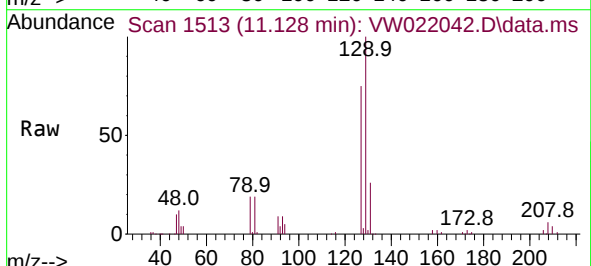
Acq: 02 Feb 2022 19:38

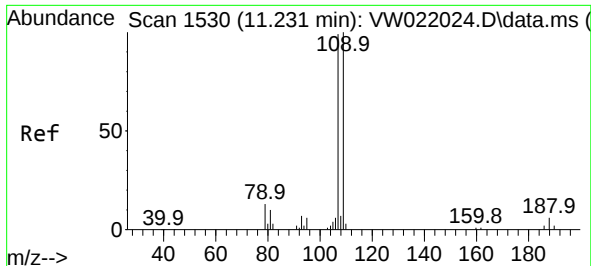
Tgt Ion:129 Resp: 46069

Ion Ratio Lower Upper

129 100

127 74.6 52.6 97.6





#50

1,2-Dibromoethane

Concen: 26.248 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

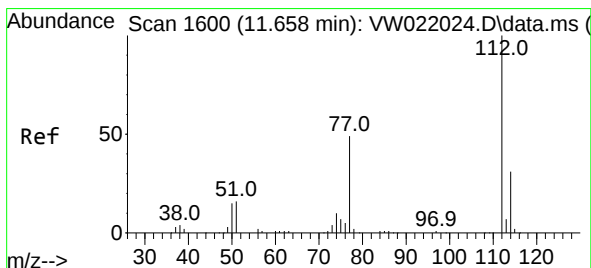
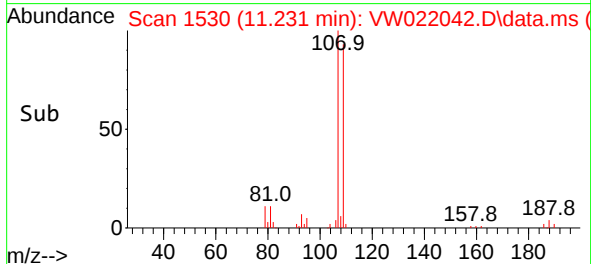
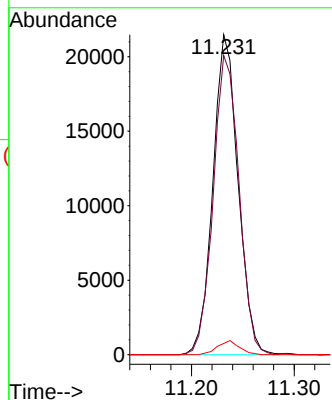
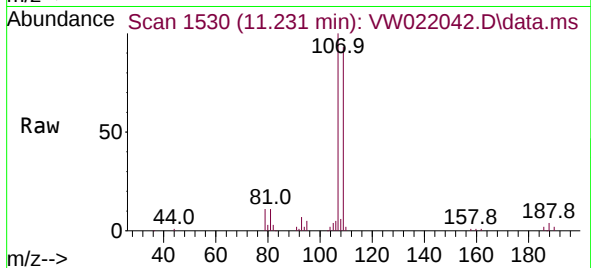
Tgt Ion:107 Resp: 36530

Ion Ratio Lower Upper

107 100

109 93.5 68.0 126.2

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 24.111 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

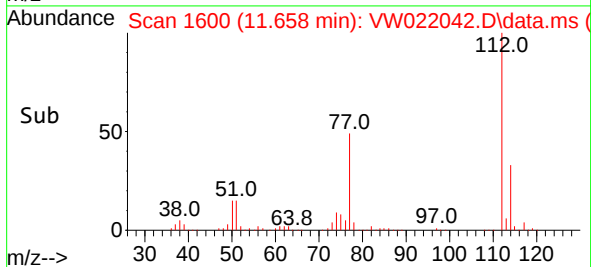
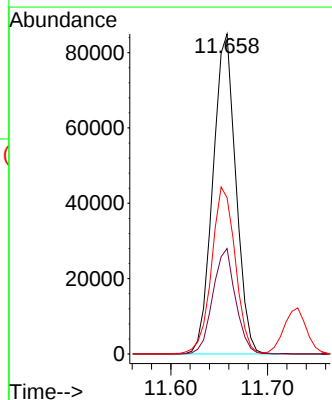
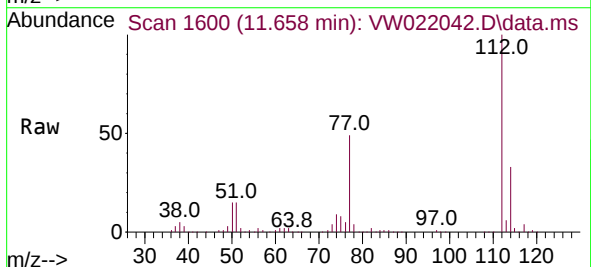
Tgt Ion:112 Resp: 140059

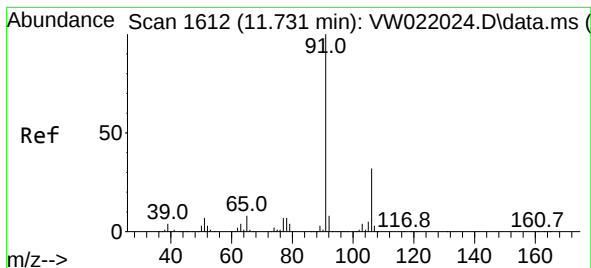
Ion Ratio Lower Upper

112 100

114 32.9 21.5 39.9

77 48.8 43.6 65.4

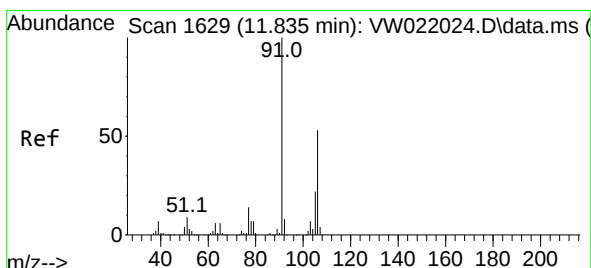
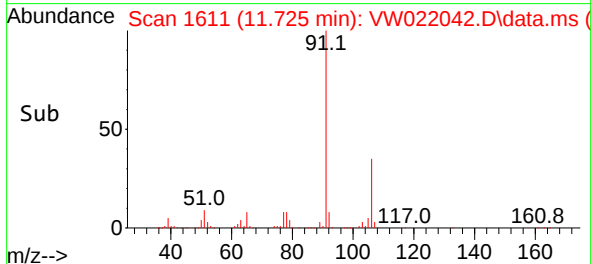
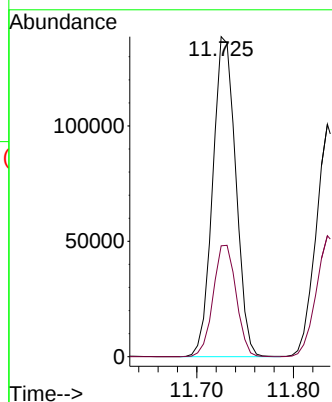
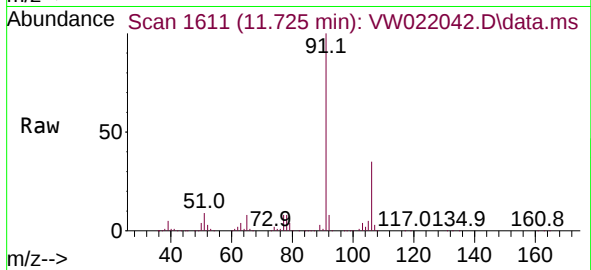




#52
Ethylbenzene
Concen: 24.396 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

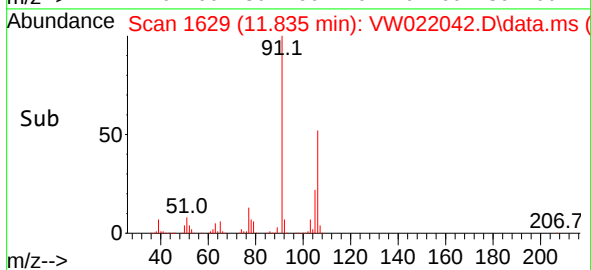
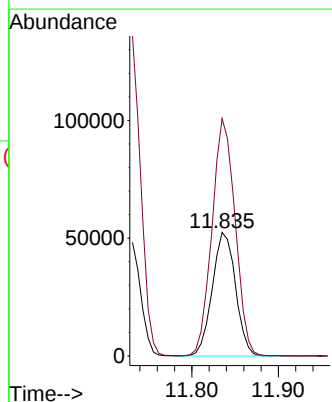
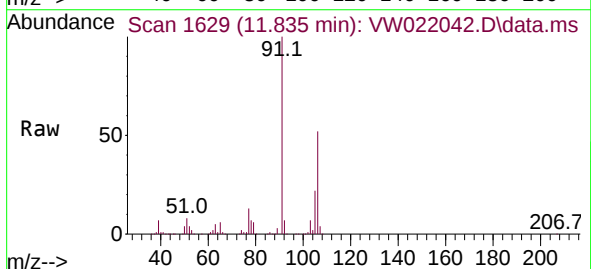
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

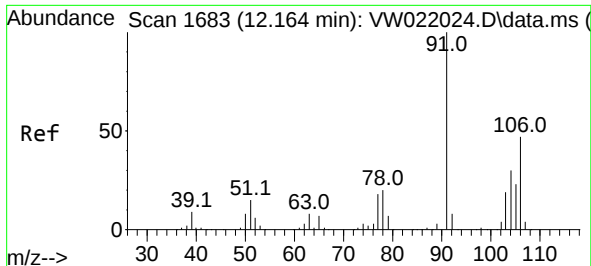
Tgt Ion: 91 Resp: 229747
Ion Ratio Lower Upper
91 100
106 34.7 22.8 42.4



#53
m,p-Xylene
Concen: 25.048 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion:106 Resp: 97873
Ion Ratio Lower Upper
106 100
91 192.1 129.6 240.8

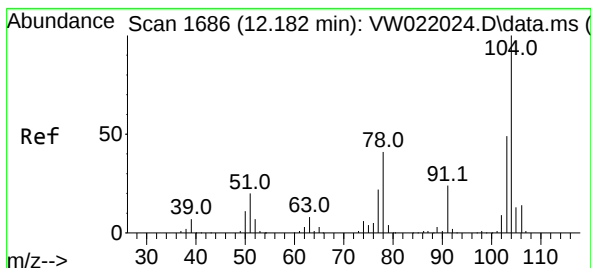
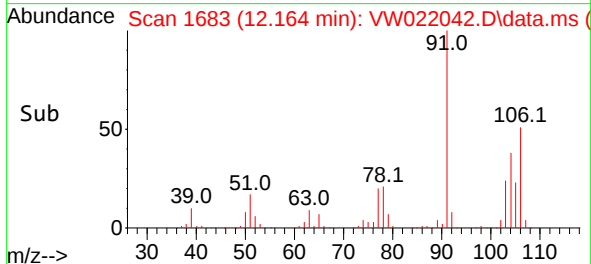
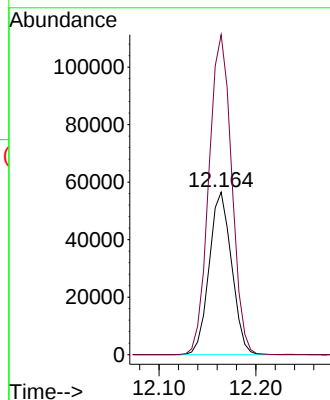
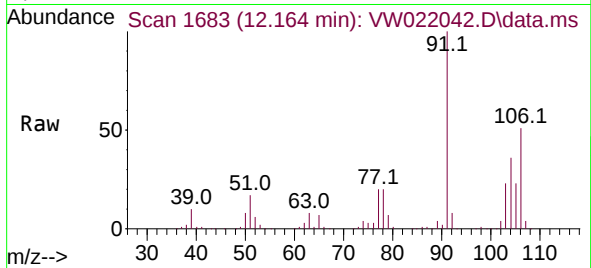




#54
o-Xylene
Concen: 24.875 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

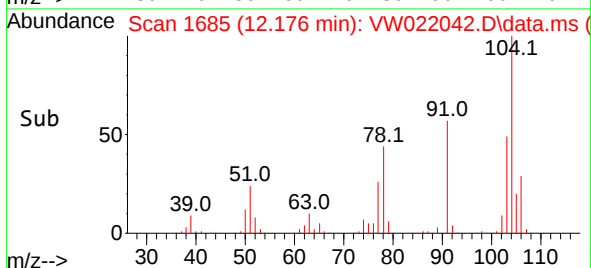
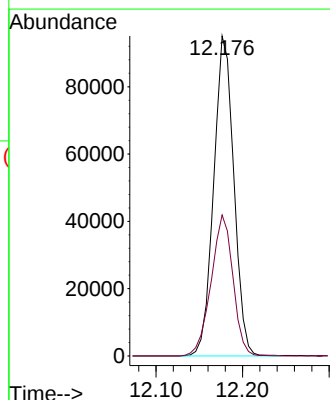
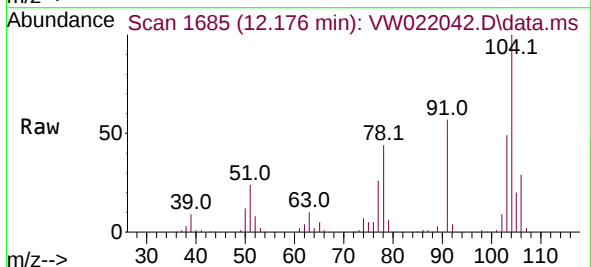
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

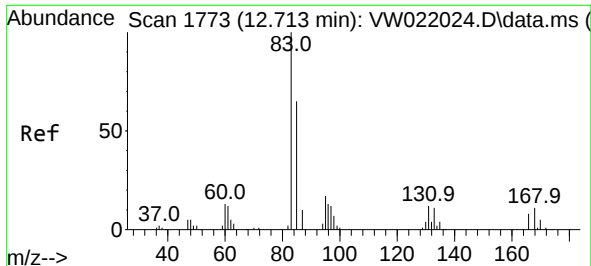
Tgt Ion:106 Resp: 90922
Ion Ratio Lower Upper
106 100
91 196.8 136.4 253.4



#55
Styrene
Concen: 26.037 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion:104 Resp: 153725
Ion Ratio Lower Upper
104 100
78 44.1 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 26.932 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

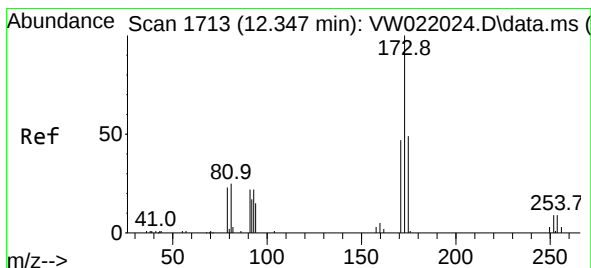
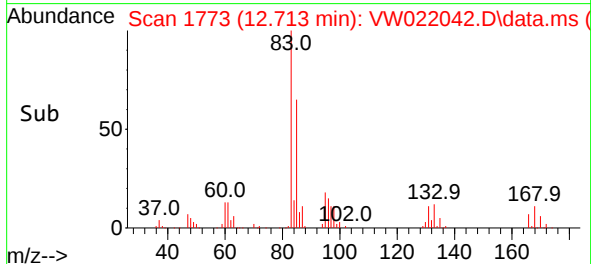
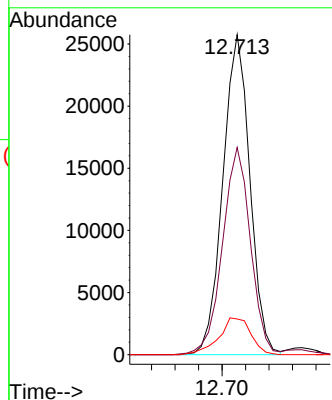
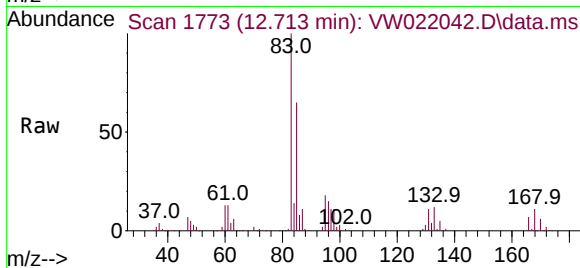
Tgt Ion: 83 Resp: 41207

Ion Ratio Lower Upper

83 100

85 64.7 43.8 81.3

131 11.1 9.8 14.8



#59

Bromoform

Concen: 24.640 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

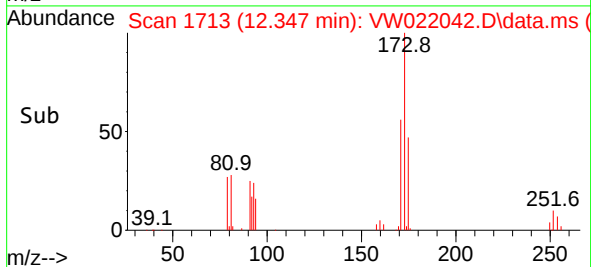
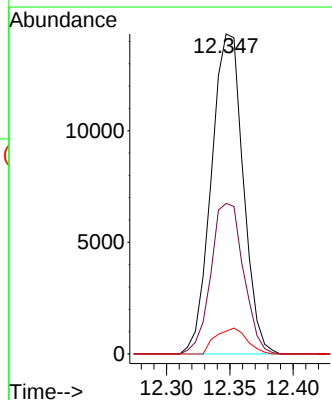
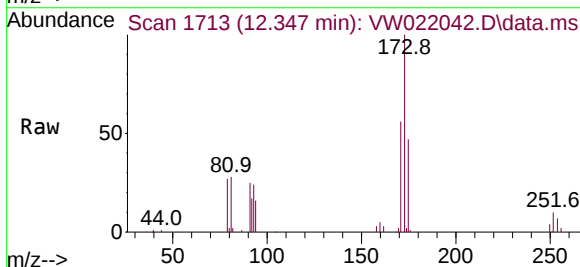
Tgt Ion: 173 Resp: 25090

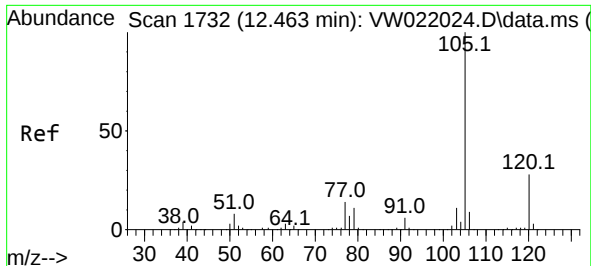
Ion Ratio Lower Upper

173 100

175 48.2 41.0 61.4

254 8.0 3.4 5.2#

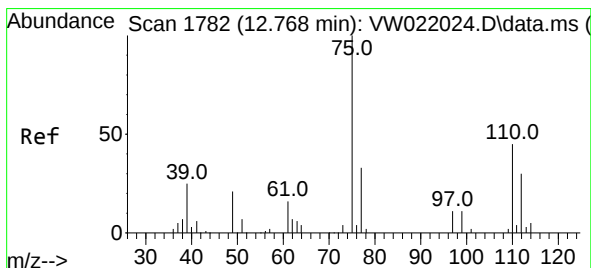
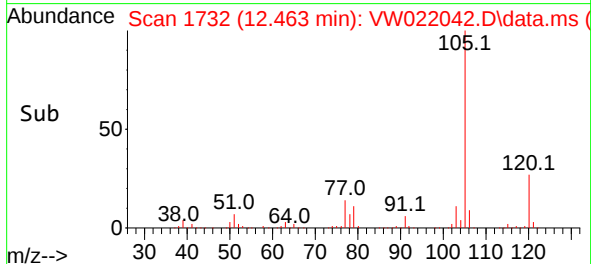
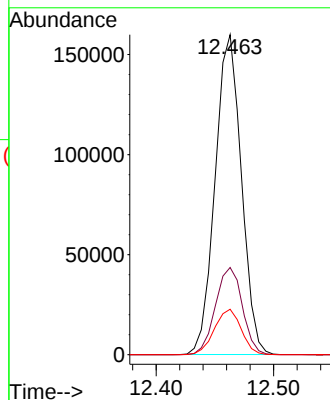
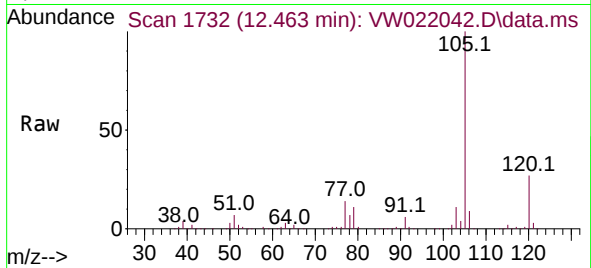




#60
Isopropylbenzene
Concen: 24.624 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

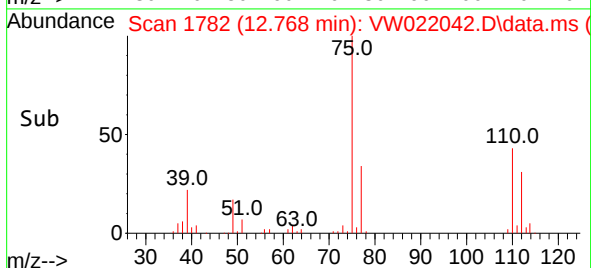
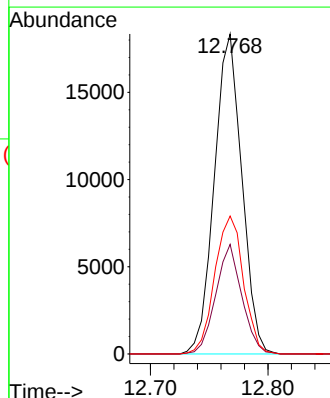
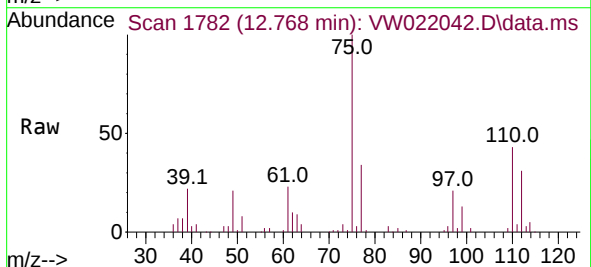
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

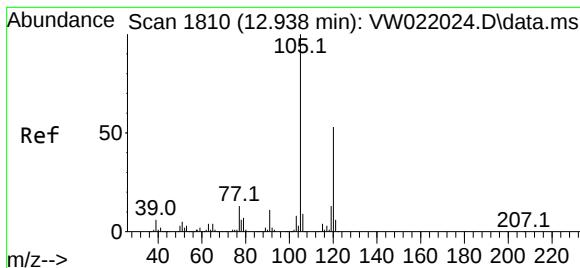
Tgt Ion:105 Resp: 248050
Ion Ratio Lower Upper
105 100
120 27.9 22.1 33.1
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 26.555 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion: 75 Resp: 29827
Ion Ratio Lower Upper
75 100
77 32.5 27.3 40.9
110 45.0 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 25.023 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

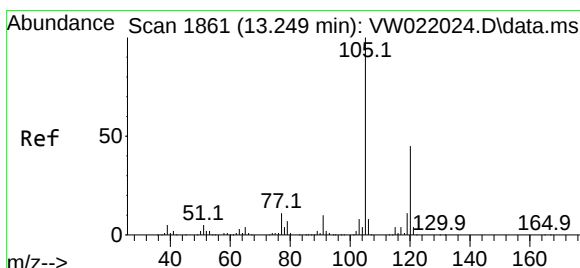
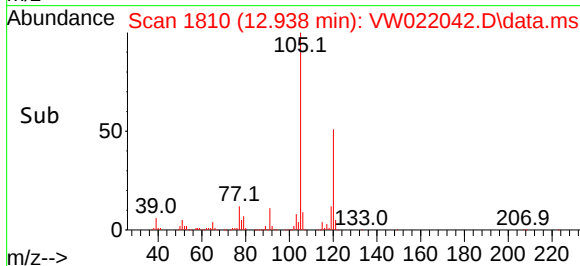
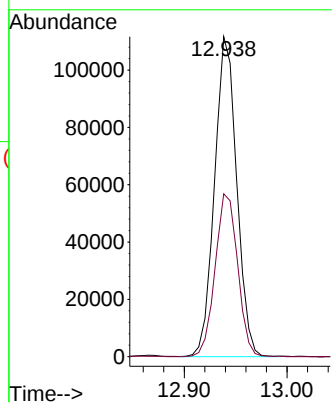
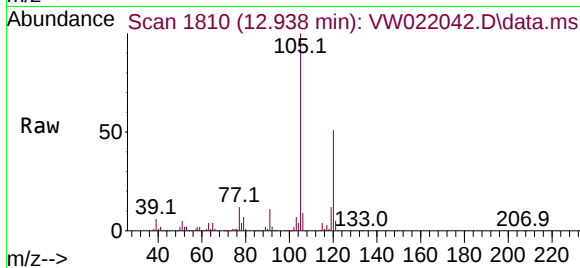
VSTD025552

Tgt Ion:105 Resp: 167178

Ion Ratio Lower Upper

105 100

120 51.7 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 24.795 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022042.D

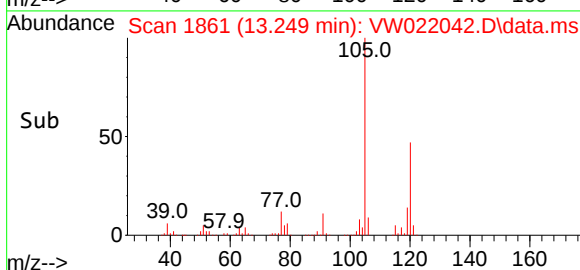
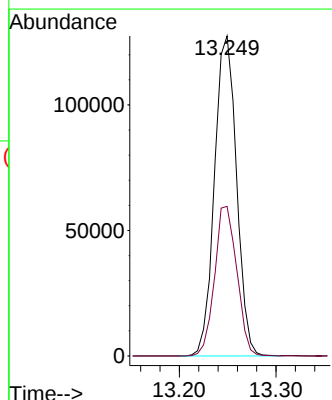
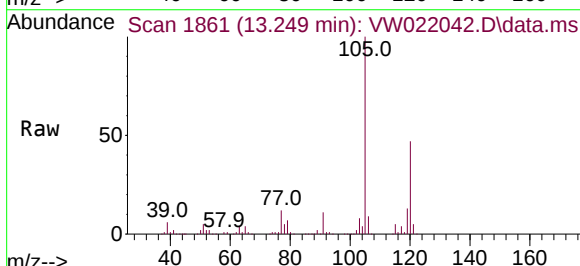
Acq: 02 Feb 2022 19:38

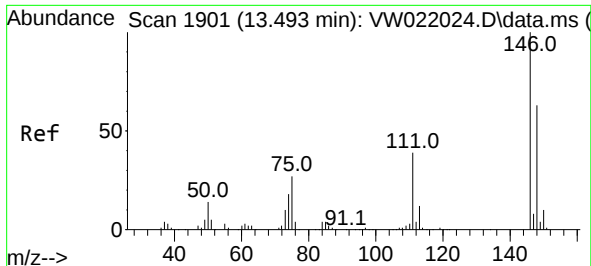
Tgt Ion:105 Resp: 201825

Ion Ratio Lower Upper

105 100

120 47.2 37.8 56.8

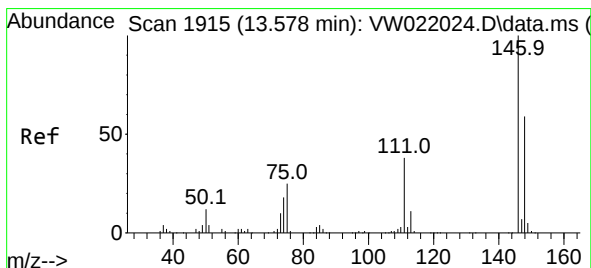
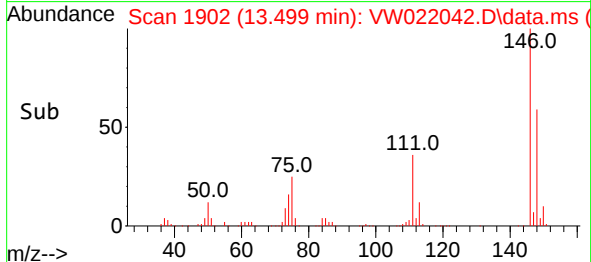
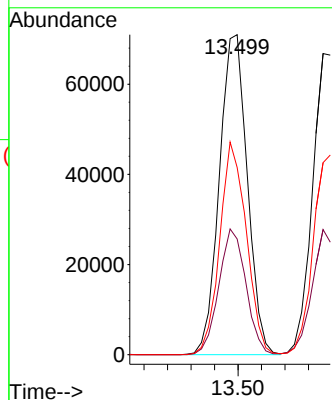
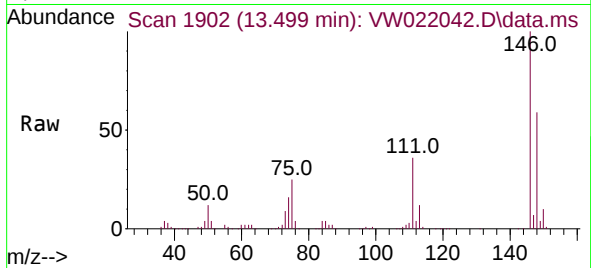




#64
1,3-Dichlorobenzene
Concen: 24.297 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

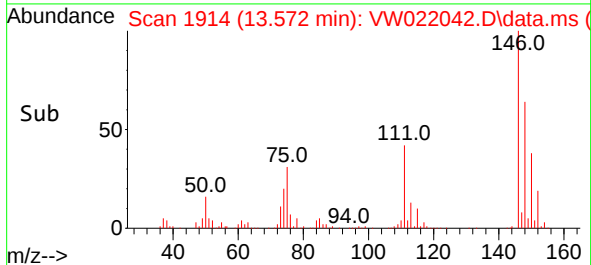
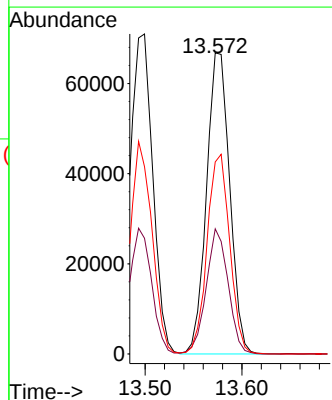
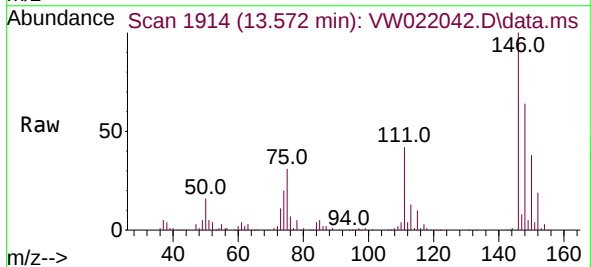
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

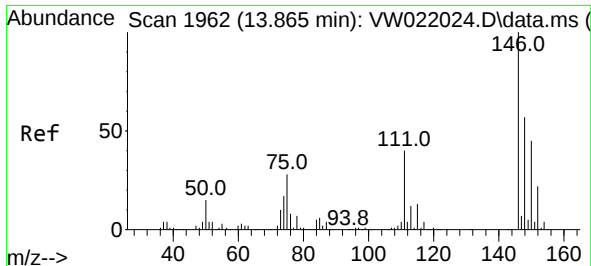
Tgt Ion:146 Resp: 117268
Ion Ratio Lower Upper
146 100
111 36.2 27.3 50.7
148 58.5 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 23.056 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion:146 Resp: 111385
Ion Ratio Lower Upper
146 100
111 41.5 24.4 45.4
148 63.8 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 23.730 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

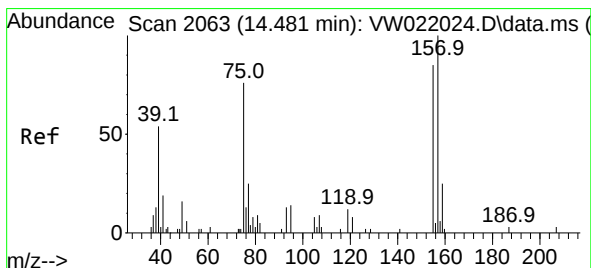
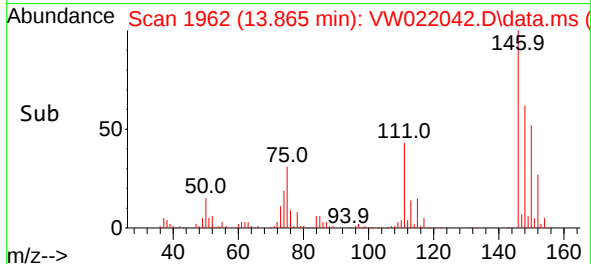
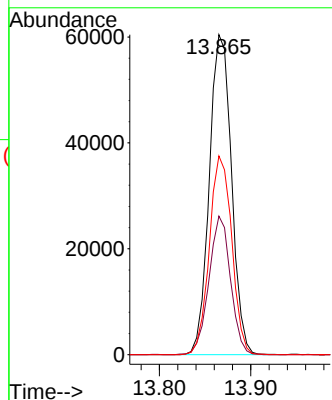
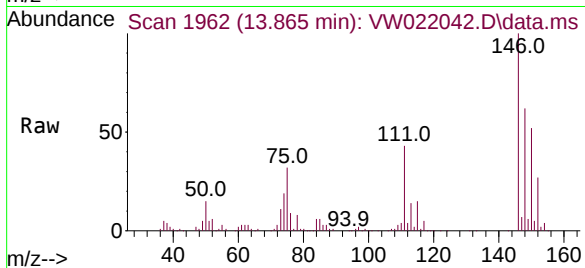
Tgt Ion:146 Resp: 101790

Ion Ratio Lower Upper

146 100

111 43.3 32.2 48.4

148 62.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.484 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022042.D

Acq: 02 Feb 2022 19:38

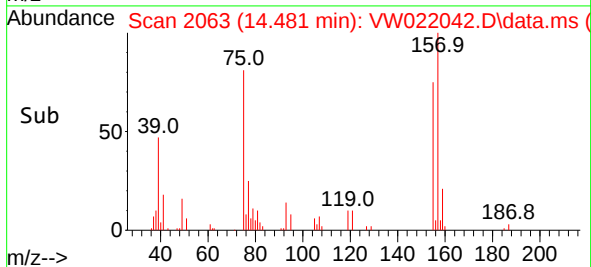
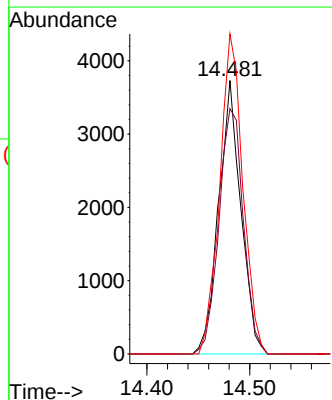
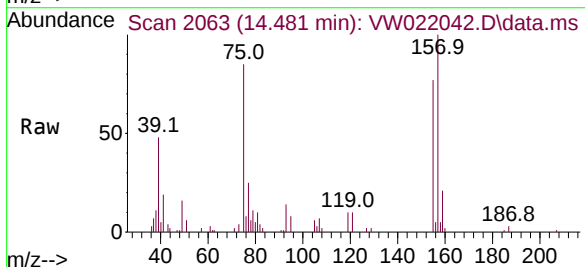
Tgt Ion: 75 Resp: 5595

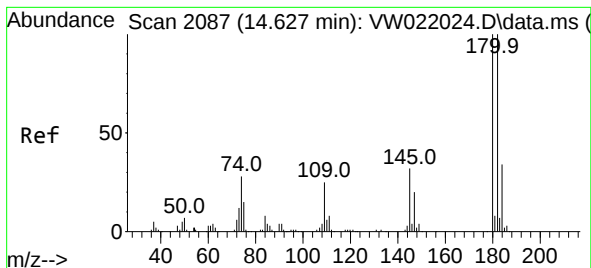
Ion Ratio Lower Upper

75 100

155 89.7 80.9 121.3

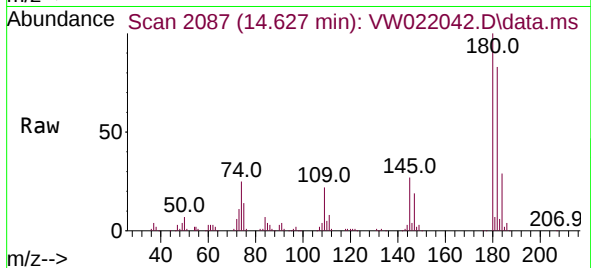
157 117.0 100.3 150.5



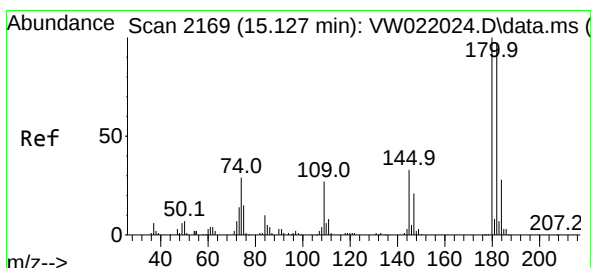
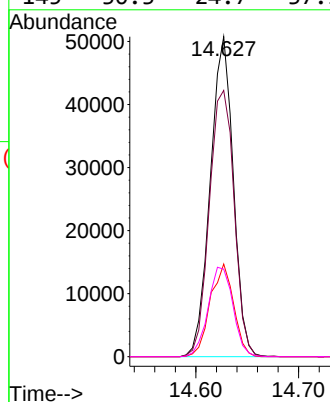
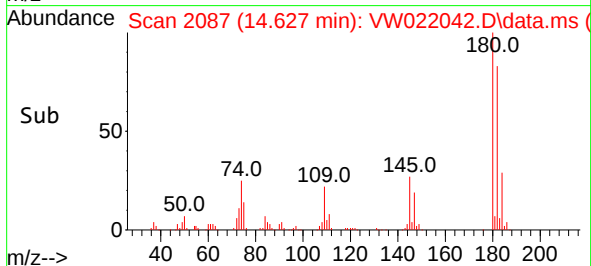


#69
 1,3,5-Trichlorobenzene
 Concen: 22.706 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022042.D
 Acq: 02 Feb 2022 19:38

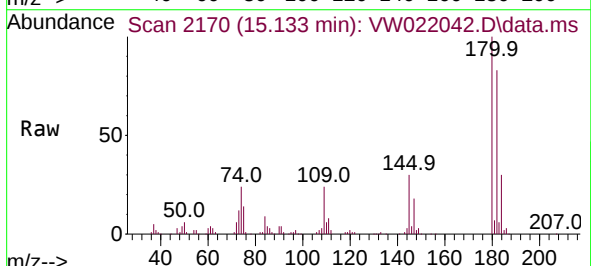
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552



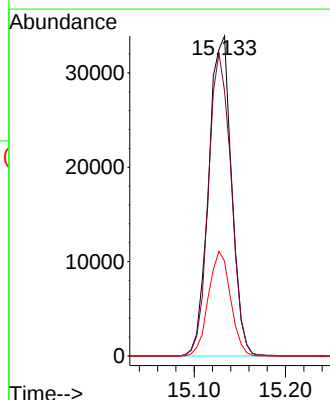
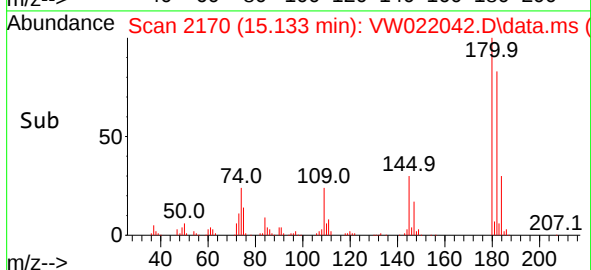
Tgt Ion:180 Resp: 78788
 Ion Ratio Lower Upper
 180 100
 182 89.8 77.4 116.2
 184 29.4 25.2 37.8
 145 30.3 24.7 37.1

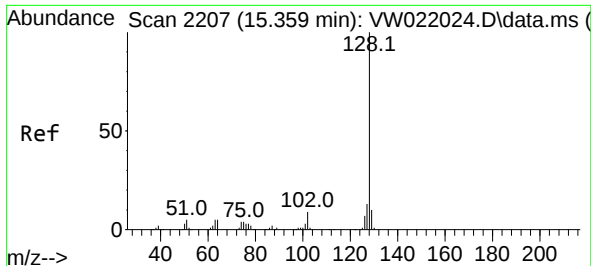


#70
 1,2,4-trichlorobenzene
 Concen: 21.454 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW022042.D
 Acq: 02 Feb 2022 19:38



Tgt Ion:180 Resp: 59133
 Ion Ratio Lower Upper
 180 100
 182 93.6 74.6 111.8
 145 31.6 25.0 37.6

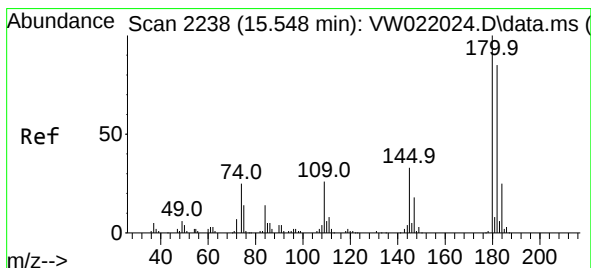
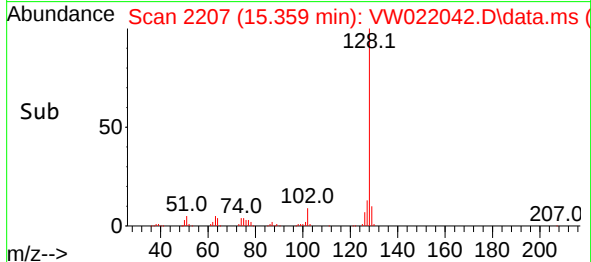
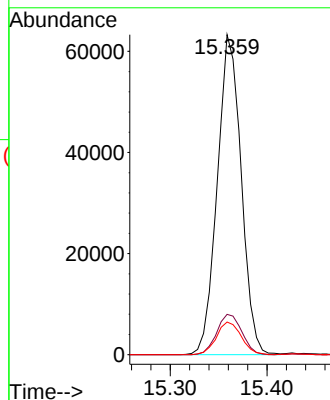
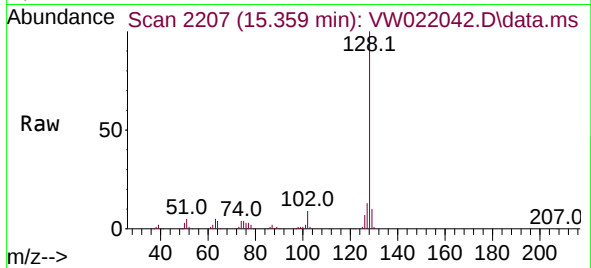




#71
Naphthalene
Concen: 24.133 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

Tgt Ion:	128	Resp:	108523
Ion Ratio	Lower	Upper	
128	100		
127	13.2	11.0	16.4
129	10.6	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 21.574 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022042.D
Acq: 02 Feb 2022 19:38

Tgt Ion:	180	Resp:	50825
Ion Ratio	Lower	Upper	
180	100		
182	93.4	78.6	118.0
145	32.2	27.3	40.9

