

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023061.D
 Acq On : 16 May 2022 18:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: May 17 01:30:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 01:24:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	319185	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	318217	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171488	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	163846	25.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.080%
7) Chloroethane-d5	2.879	69	117373	27.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.200%
11) 1,1-Dichloroethene-d2	4.019	63	187976	22.216	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.880%
21) 2-Butanone-d5	7.074	46	70614	56.714	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.420%
24) Chloroform-d	7.653	84	246367	26.346	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	8.305	65	140903	27.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.880%
32) Benzene-d6	8.275	84	486341	26.515	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.080%
36) 1,2-Dichloropropane-d6	9.274	67	140890	27.345	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	10.323	98	474682	26.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.160%
43) trans-1,3-Dichloroprop...	10.579	79	65457	27.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.360%
47) 2-Hexanone-d5	10.920	63	61078	62.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	140792	29.318	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	177863	29.670	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	54473	31.307	ug/L	98
3) Chloromethane	2.215	50	80430	23.921	ug/L	99
5) Vinyl chloride	2.361	62	138624	20.543	ug/L	96
6) Bromomethane	2.776	94	82884	19.131	ug/L	95
8) Chloroethane	2.916	64	73474	22.575	ug/L	98
9) Trichlorofluoromethane	3.251	101	52753	17.104	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	102915	22.317	ug/L	96
12) 1,1-Dichloroethene	4.044	96	84411	20.648	ug/L	94
13) Acetone	4.123	43	37956	40.717	ug/L	99
14) Carbon disulfide	4.385	76	174005	15.525	ug/L	98
15) Methyl Acetate	4.672	43	45880	24.499	ug/L	98
16) Methylene chloride	4.915	84	109674	23.482	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	95219	20.698	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	176155	25.083	ug/L	99
19) 1,1-Dichloroethane	6.214	63	180970	23.210	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	114983	23.270	ug/L #	94
22) 2-Butanone	7.177	43	63654	48.827	ug/L	99
23) Bromochloromethane	7.513	128	54469	23.538	ug/L	89
25) Chloroform	7.677	83	210135	24.373	ug/L	100

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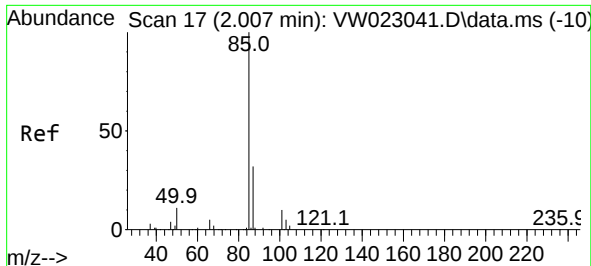
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	140485	24.445	ug/L	100
29) Cyclohexane	7.958	56	137187	19.934	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	170027	22.610	ug/L	99
31) Carbon tetrachloride	8.067	117	155910	22.164	ug/L	99
33) Benzene	8.323	78	423668	22.600	ug/L	100
34) Trichloroethene	9.091	95	112889	21.897	ug/L	98
35) Methylcyclohexane	9.335	83	172850	20.409	ug/L	99
37) 1,2-Dichloropropane	9.366	63	108317	23.877	ug/L	99
38) Bromodichloromethane	9.646	83	154910	24.041	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	174996	24.878	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	149077	52.136	ug/L	99
42) Toluene	10.384	91	484562	23.065	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	158420	25.232	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	97592	25.734	ug/L	96
46) Tetrachloroethene	10.859	164	86805	22.405	ug/L	89
48) 2-Hexanone	10.969	43	105604	55.275	ug/L	97
49) Dibromochloromethane	11.128	129	118787	26.025	ug/L	95
50) 1,2-Dibromoethane	11.237	107	93650	24.593	ug/L	93
51) Chlorobenzene	11.658	112	330454	23.859	ug/L	98
52) Ethylbenzene	11.731	91	558864	23.911	ug/L	99
53) m,p-Xylene	11.835	106	221189	24.018	ug/L	95
54) o-Xylene	12.164	106	219654	24.855	ug/L	95
55) Styrene	12.176	104	379877	25.296	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	124548	26.294	ug/L	94
59) Bromoform	12.347	173	62491	25.713	ug/L	98
60) Isopropylbenzene	12.463	105	581199	24.739	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	91129	26.595	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	335418	25.663	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	506297	25.798	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	282751	26.957	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	277380	25.602	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	253779	26.440	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20323	27.139	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	186966	26.853	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	161150	28.773	ug/L	97
71) Naphthalene	15.365	128	357059	29.332	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	140254	28.255	ug/L	99

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

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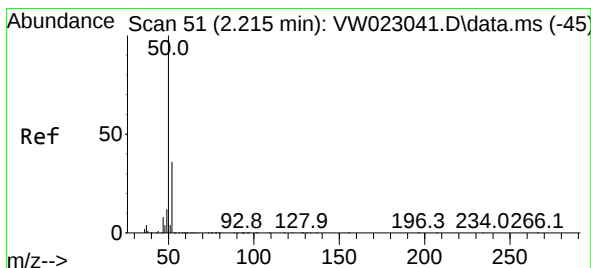
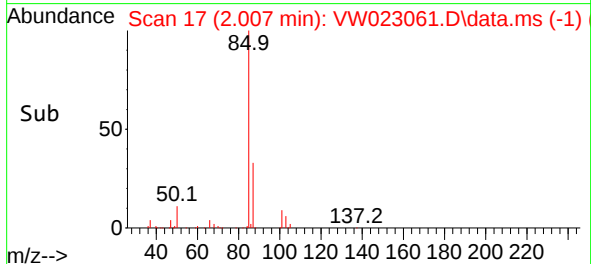
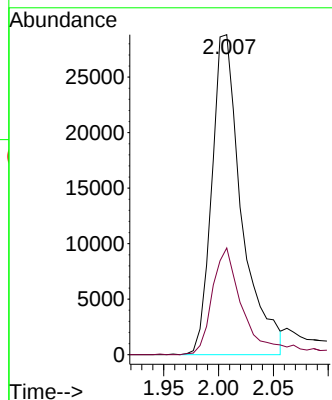
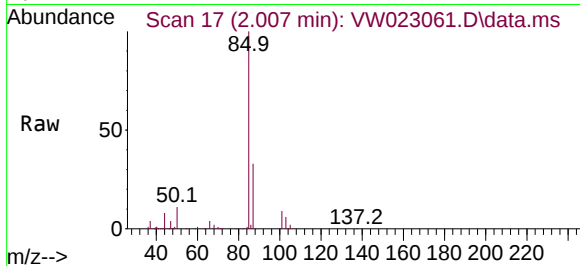




#2
 Dichlorodifluoromethane
 Concen: 31.307 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023061.D
 Acq: 16 May 2022 18:49

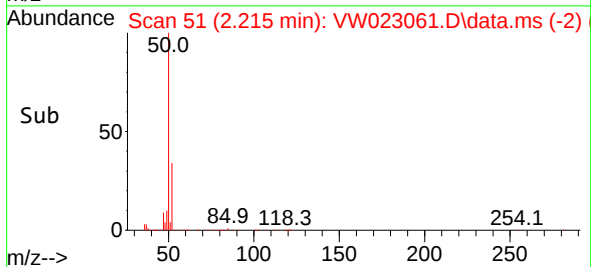
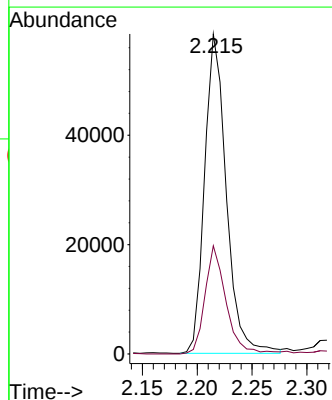
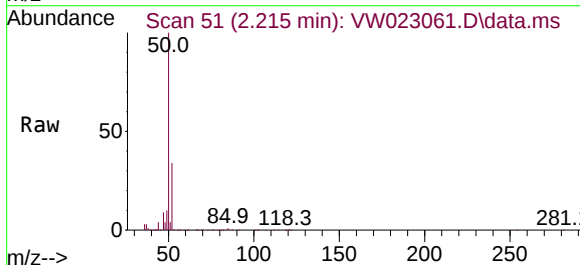
Instrument :
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 VSTD025533

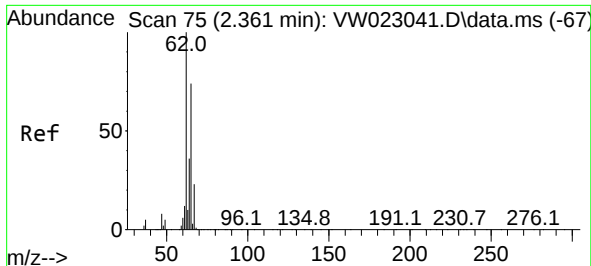
Tgt Ion: 85 Resp: 54473
 Ion Ratio Lower Upper
 85 100
 87 33.4 27.8 41.8



#3
 Chloromethane
 Concen: 23.921 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023061.D
 Acq: 16 May 2022 18:49

Tgt Ion: 50 Resp: 80430
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.1 42.9

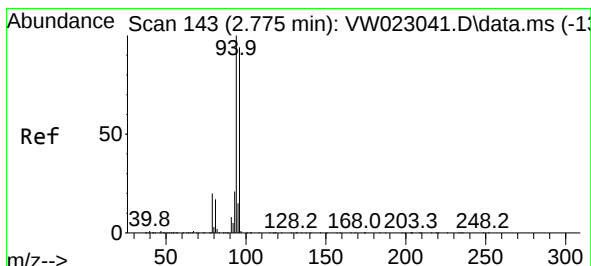
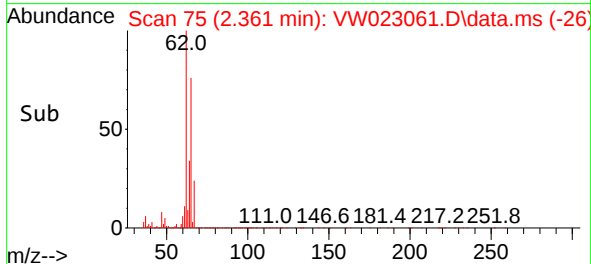
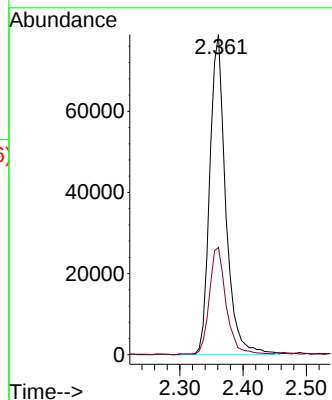
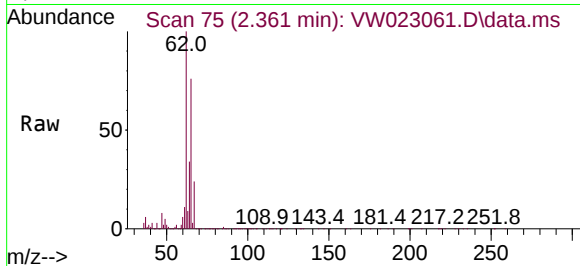




#5
 Vinyl chloride
 Concen: 20.543 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023061.D
 Acq: 16 May 2022 18:49

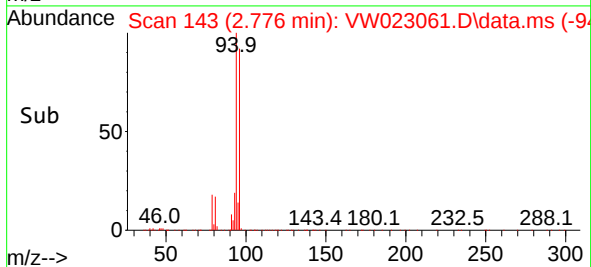
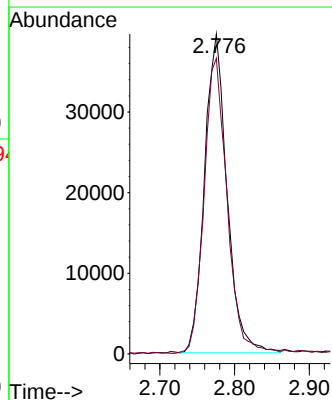
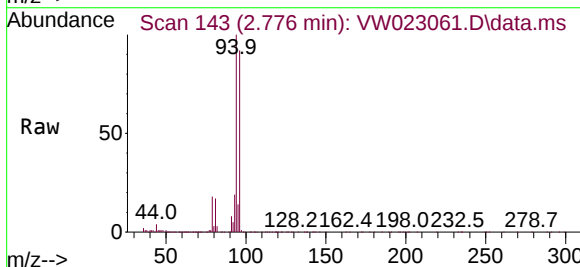
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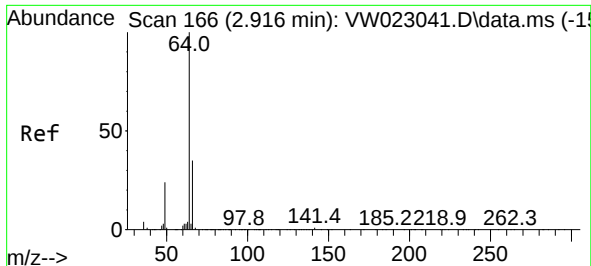
Tgt Ion: 62 Resp: 138624
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.9 46.3



#6
 Bromomethane
 Concen: 19.131 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023061.D
 Acq: 16 May 2022 18:49

Tgt Ion: 94 Resp: 82884
 Ion Ratio Lower Upper
 94 100
 96 92.4 61.7 114.5

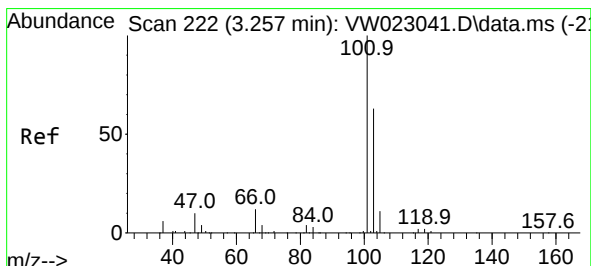
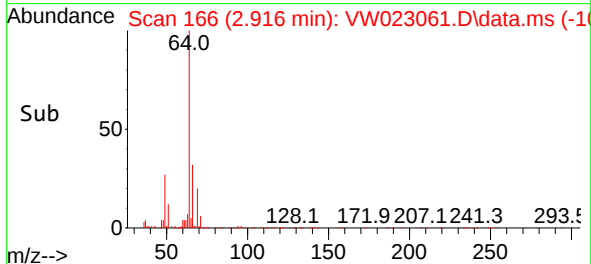
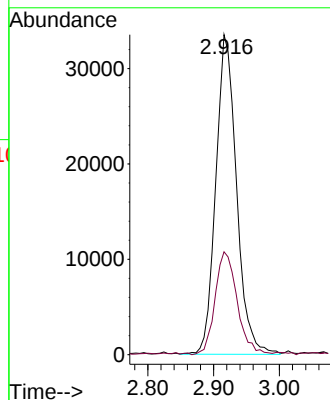
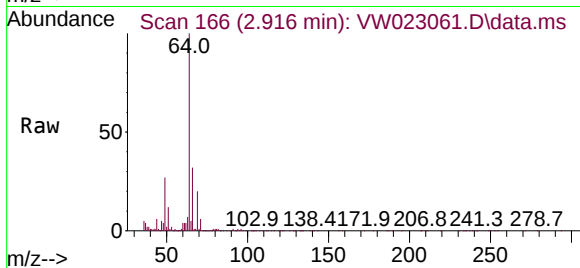




#8
Chloroethane
Concen: 22.575 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

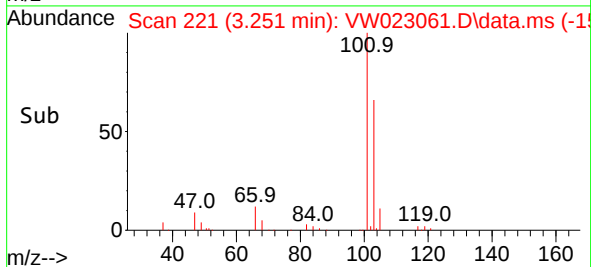
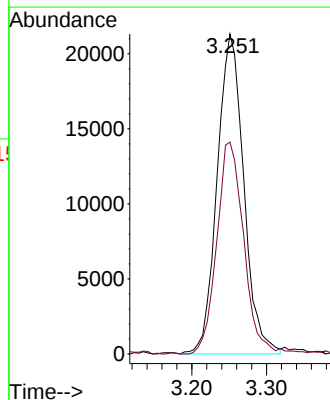
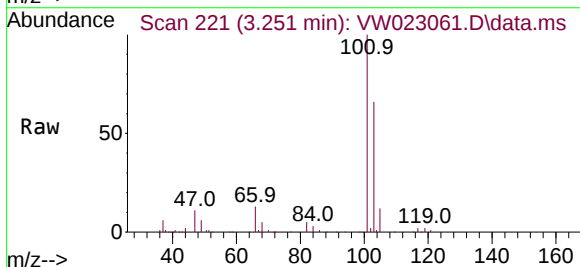
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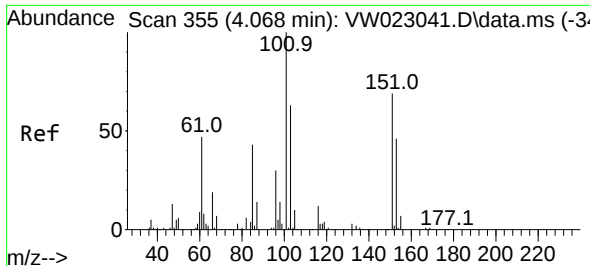
Tgt Ion: 64 Resp: 73474
Ion Ratio Lower Upper
64 100
66 32.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 17.104 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 101 Resp: 52753
Ion Ratio Lower Upper
101 100
103 66.5 53.9 80.9

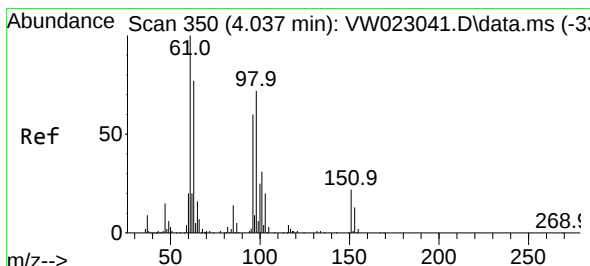
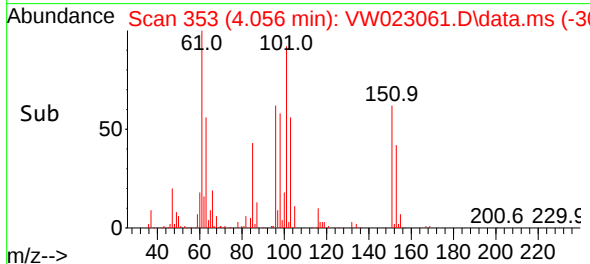
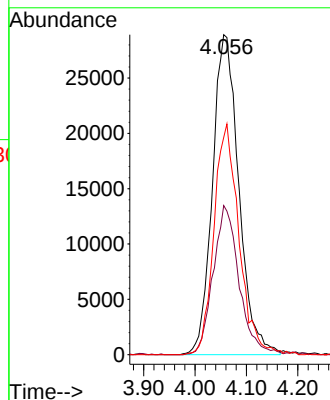
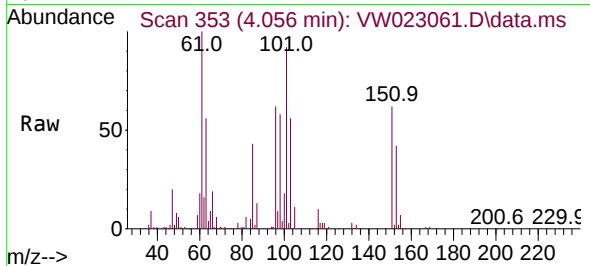




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.317 ug/L
 RT: 4.056 min Scan# 311
 Delta R.T. -0.012 min
 Lab File: VW023061.D
 Acq: 16 May 2022 18:49

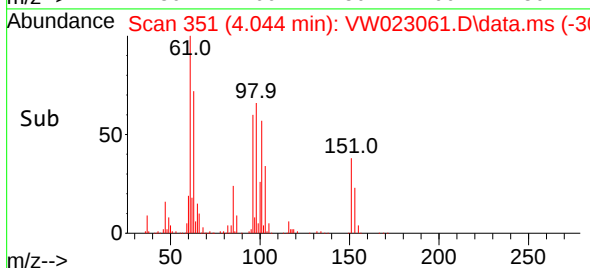
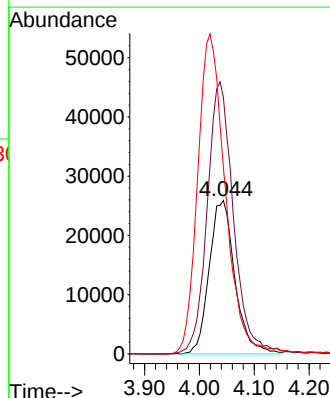
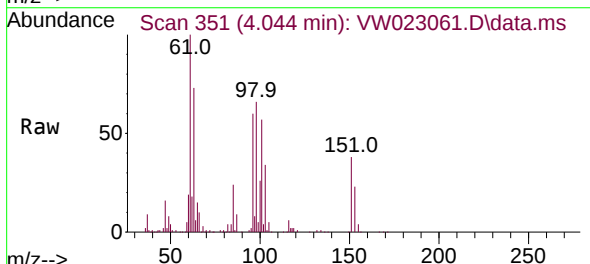
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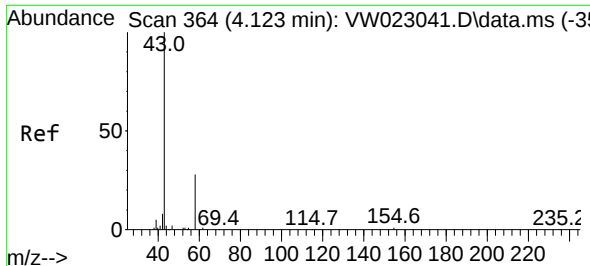
Tgt Ion:101 Resp: 102915
 Ion Ratio Lower Upper
 101 100
 85 45.7 34.3 51.5
 151 64.3 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 20.648 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023061.D
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Tgt Ion: 96 Resp: 84411
 Ion Ratio Lower Upper
 96 100
 61 167.1 125.7 233.5
 63 121.2 83.4 155.0

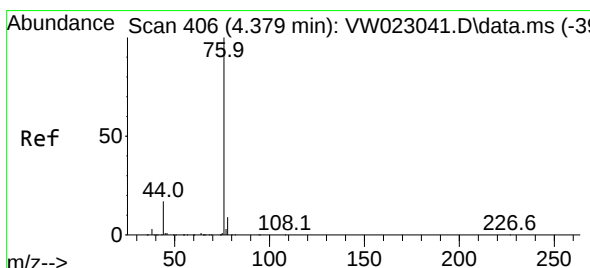
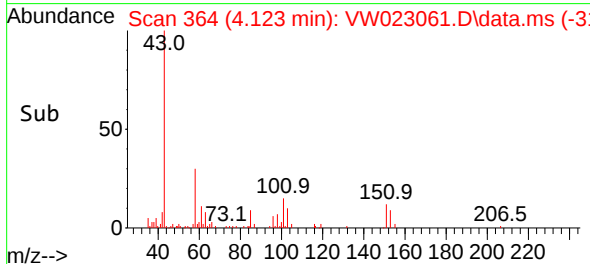
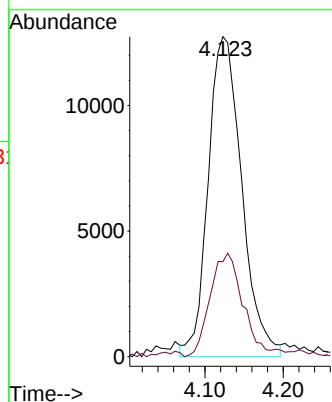
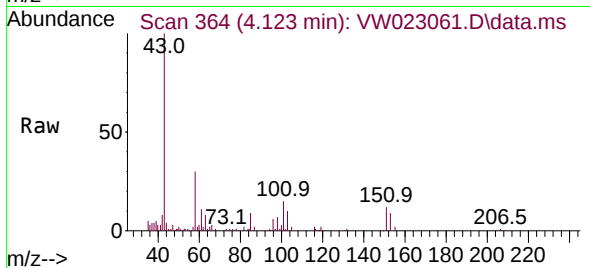




#13
Acetone
Concen: 40.717 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

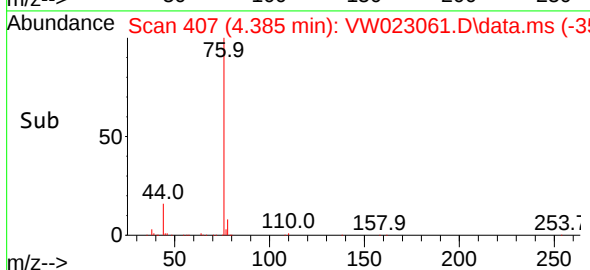
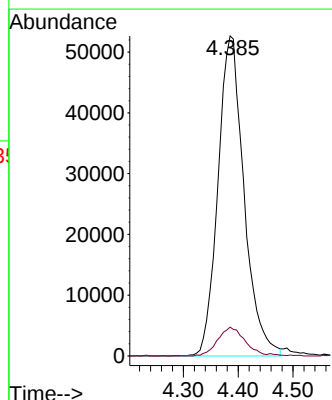
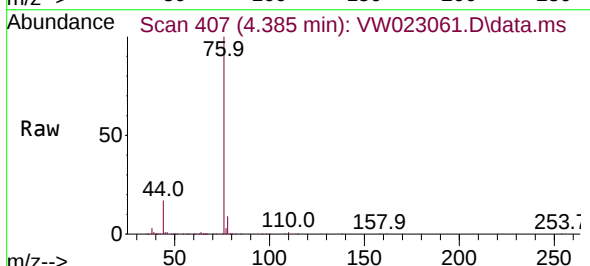
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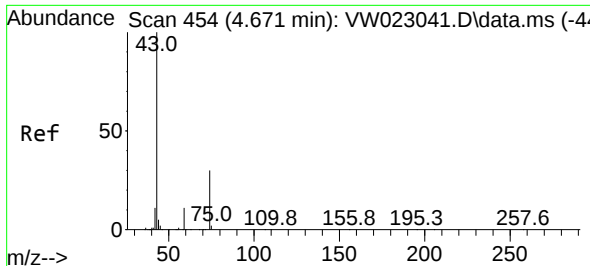
Tgt Ion: 43 Resp: 37956
Ion Ratio Lower Upper
43 100
58 31.3 0.0 64.0



#14
Carbon disulfide
Concen: 15.525 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 76 Resp: 174005
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5

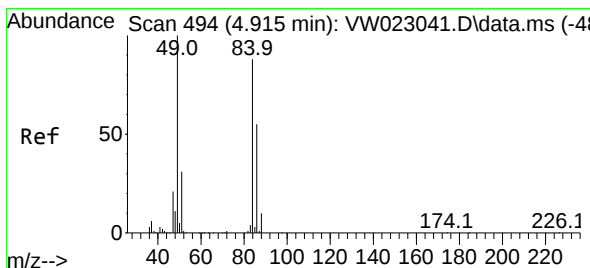
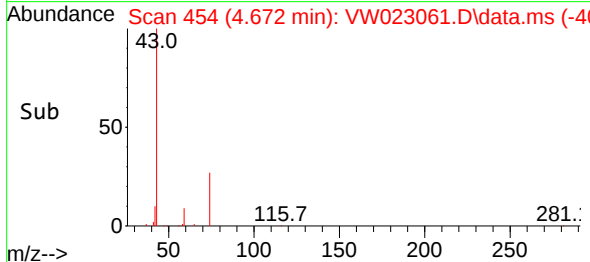
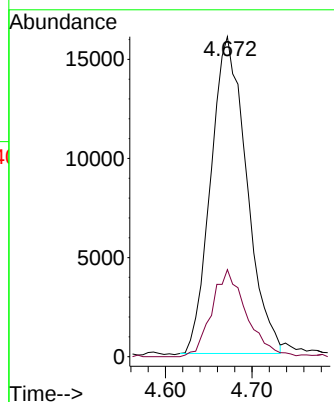
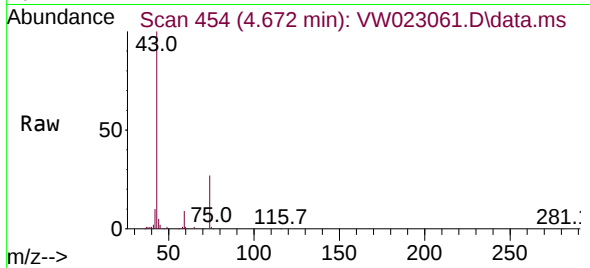




#15
Methyl Acetate
Concen: 24.499 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

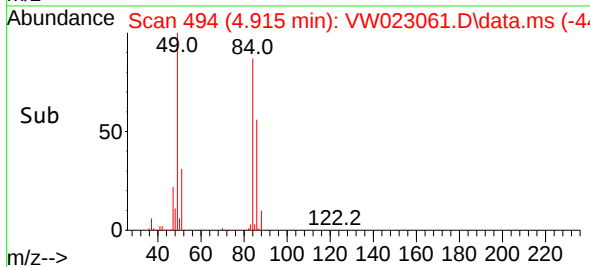
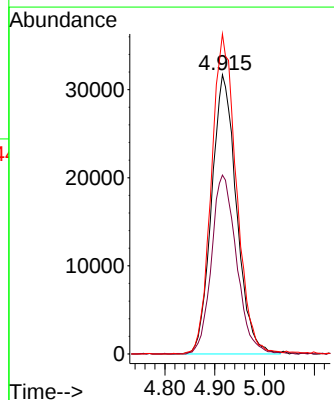
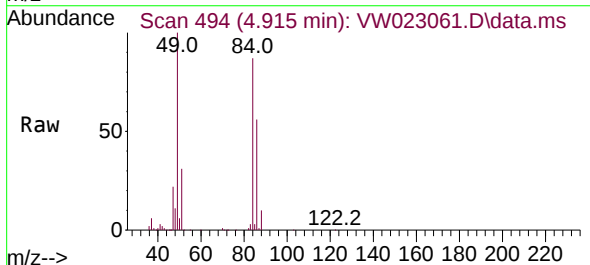
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

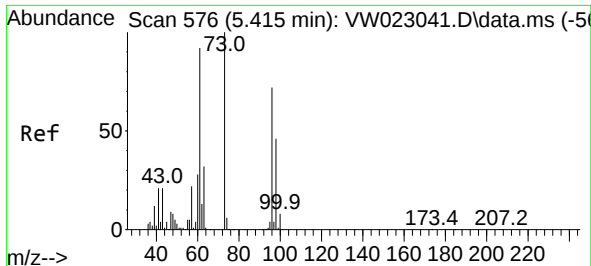
Tgt Ion: 43 Resp: 45880
Ion Ratio Lower Upper
43 100
74 26.5 21.9 32.9



#16
Methylene chloride
Concen: 23.482 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 84 Resp: 109674
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.4
49 114.6 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 20.698 ug/L

RT: 5.421 min Scan# 576

Delta R.T. 0.006 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

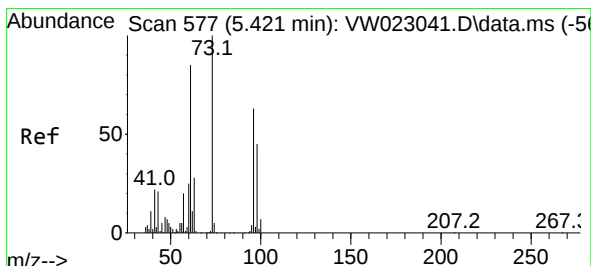
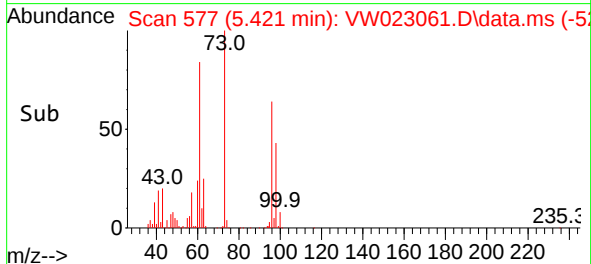
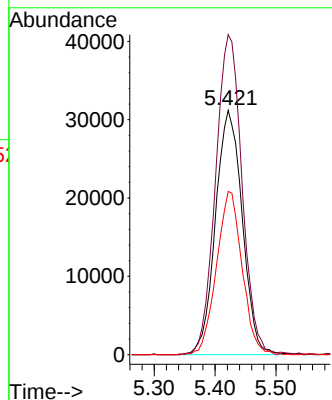
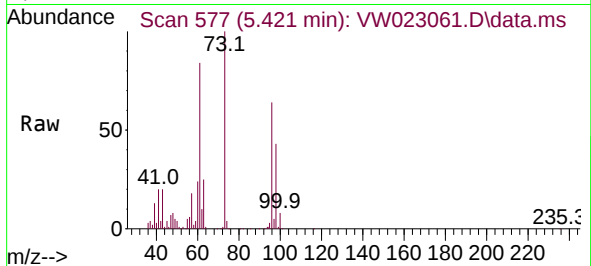
Tgt Ion: 96 Resp: 95219

Ion Ratio Lower Upper

96 100

61 130.9 92.2 171.2

98 66.8 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 25.083 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

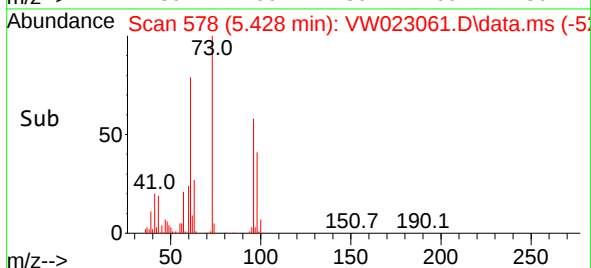
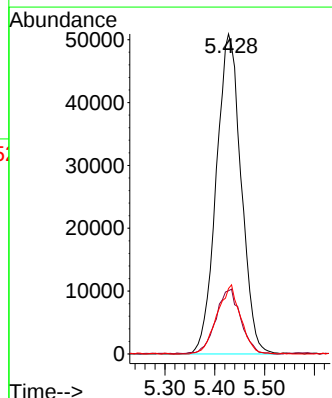
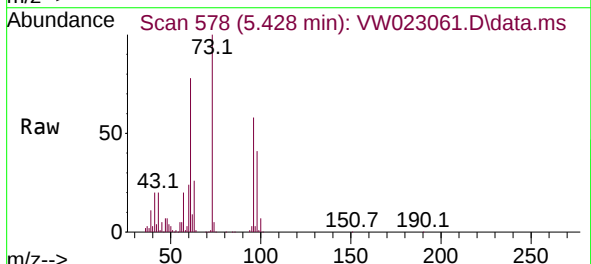
Tgt Ion: 73 Resp: 176155

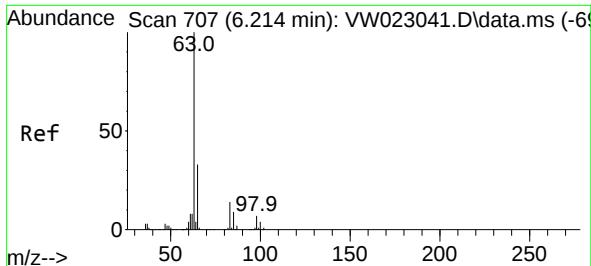
Ion Ratio Lower Upper

73 100

43 20.4 15.9 23.9

57 20.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.210 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

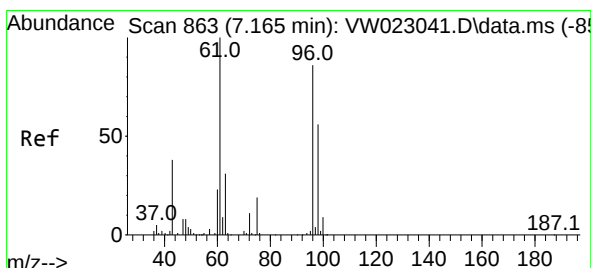
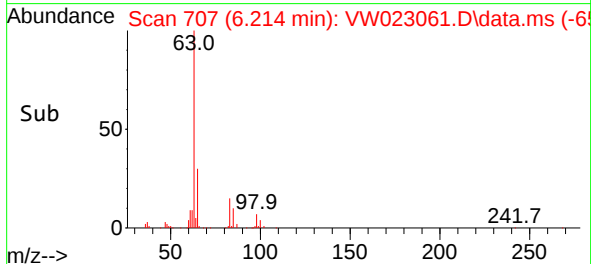
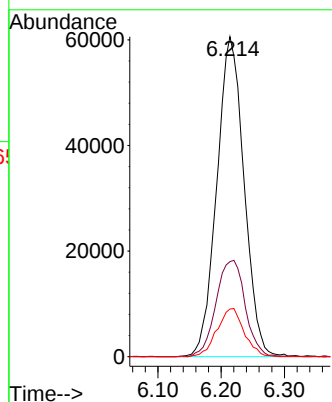
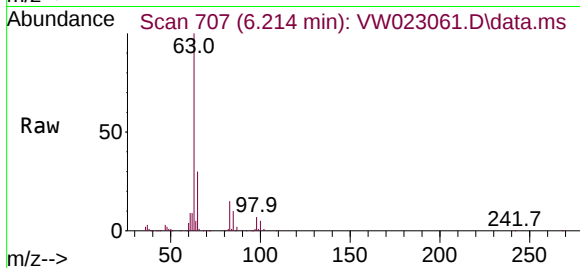
Tgt Ion: 63 Resp: 180970

Ion Ratio Lower Upper

63 100

65 29.7 23.3 43.3

83 14.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.270 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

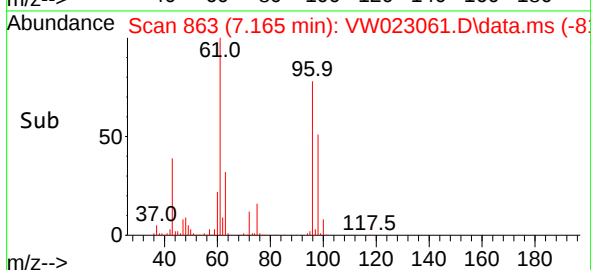
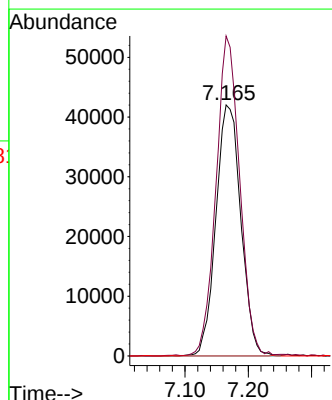
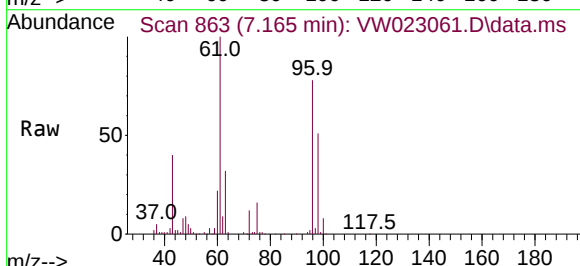
Tgt Ion: 96 Resp: 114983

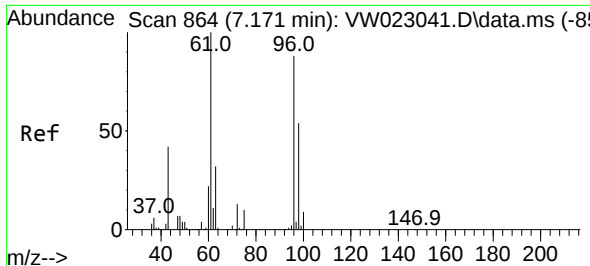
Ion Ratio Lower Upper

96 100

61 127.5 84.2 156.4

68 0.0 0.1 0.1#

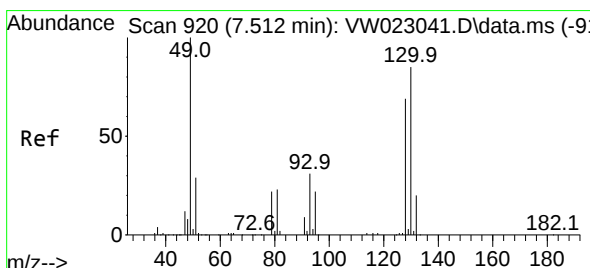
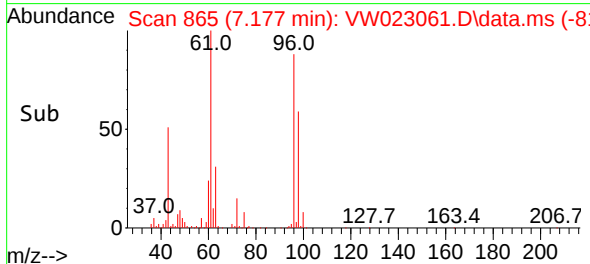
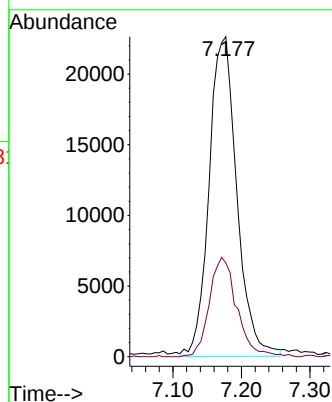
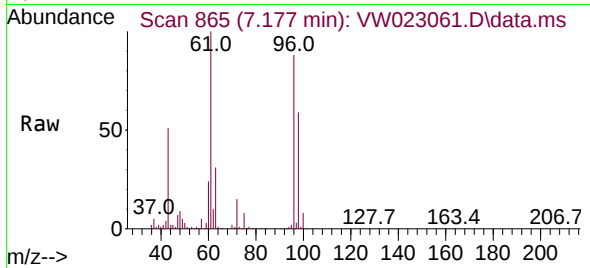




#22
2-Butanone
Concen: 48.827 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

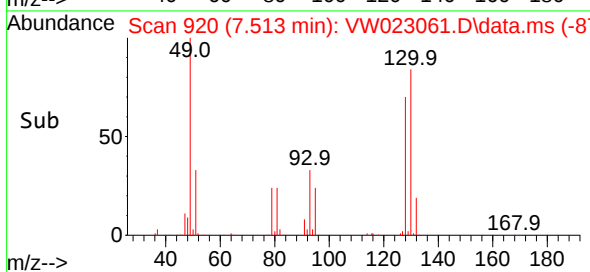
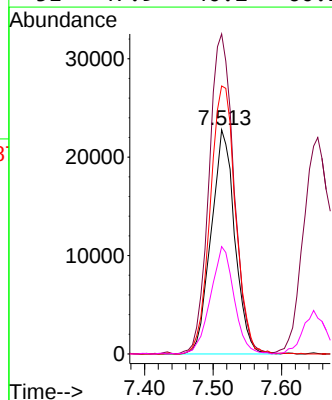
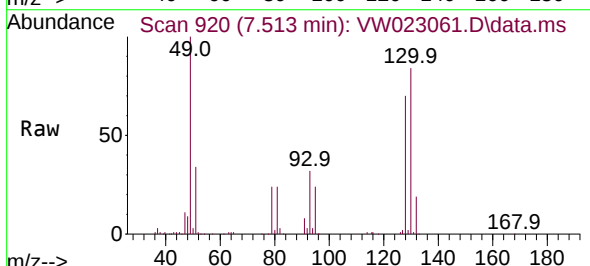
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

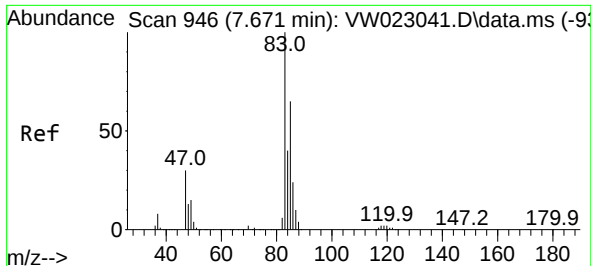
Tgt Ion: 43 Resp: 63654
Ion Ratio Lower Upper
43 100
72 29.7 15.1 45.3



#23
Bromochloromethane
Concen: 23.538 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 128 Resp: 54469
Ion Ratio Lower Upper
128 100
49 142.7 110.0 204.4
130 119.5 94.8 176.0
51 47.9 40.2 60.2

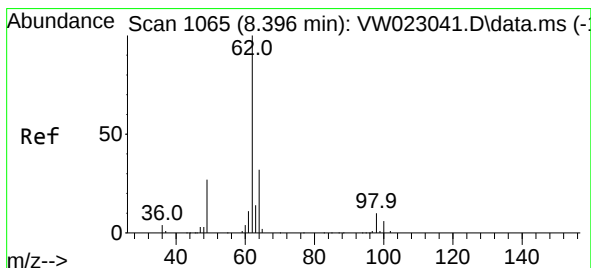
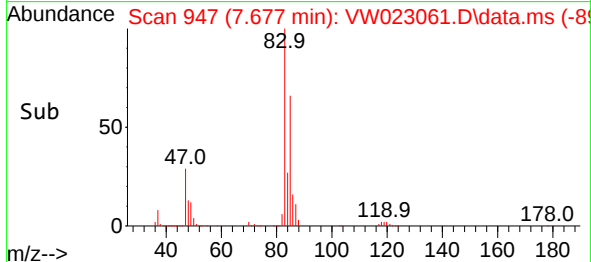
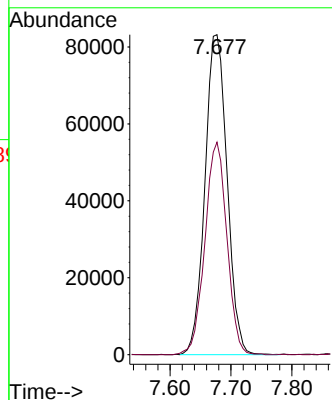
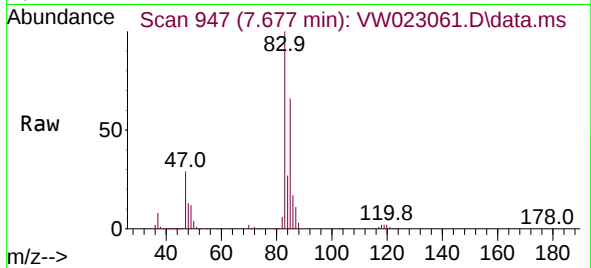




#25
Chloroform
Concen: 24.373 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

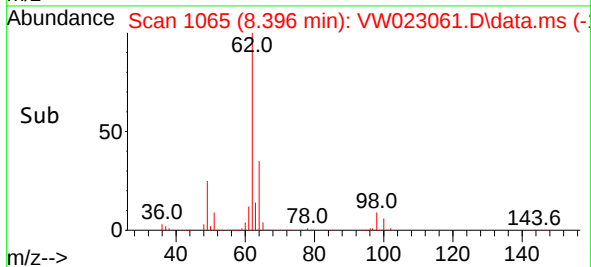
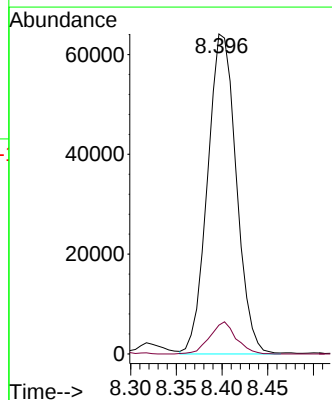
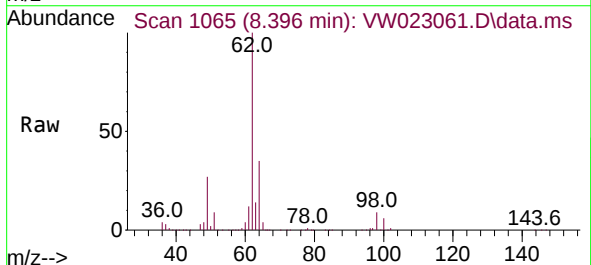
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

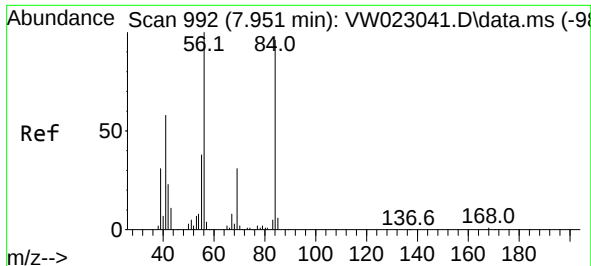
Tgt Ion: 83 Resp: 210135
Ion Ratio Lower Upper
83 100
85 66.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.445 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 62 Resp: 140485
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

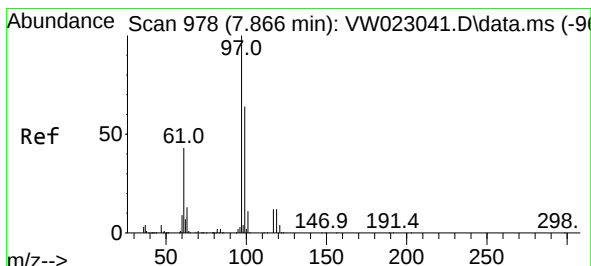
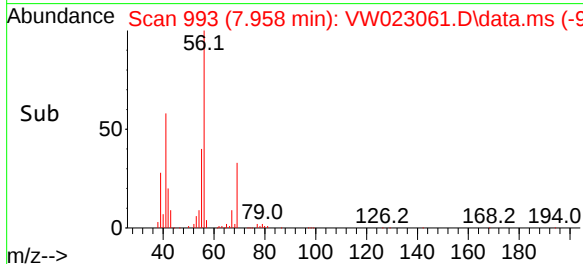
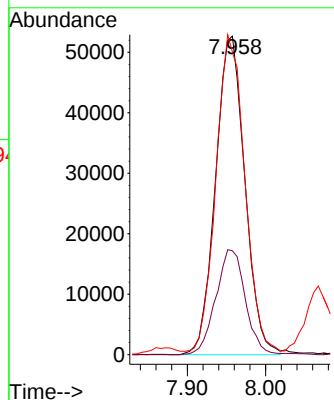
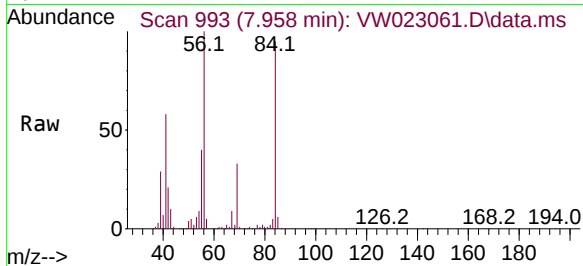




#29
Cyclohexane
Concen: 19.934 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

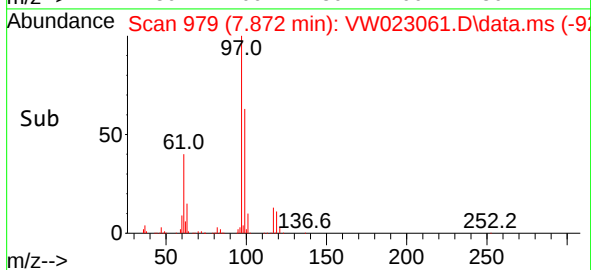
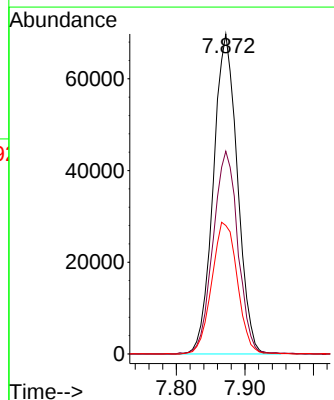
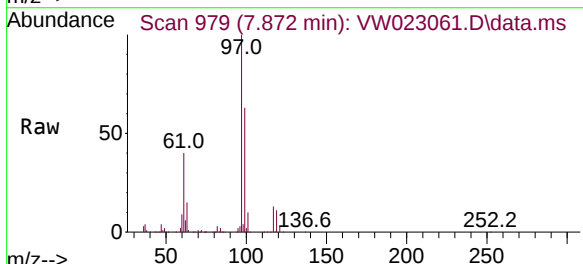
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

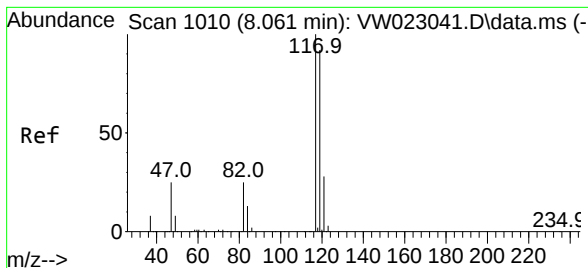
Tgt Ion: 56 Resp: 137187
Ion Ratio Lower Upper
56 100
69 33.1 25.6 38.4
84 99.7 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 22.610 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 97 Resp: 170027
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 43.8 34.8 52.2





#31

Carbon tetrachloride

Concen: 22.164 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

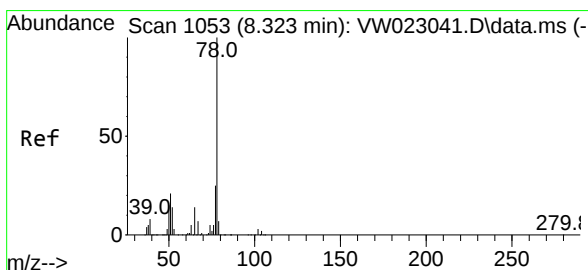
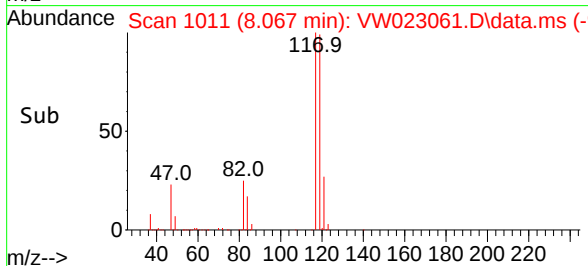
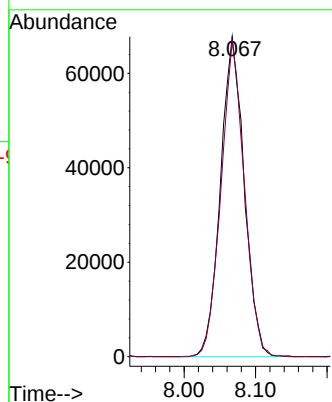
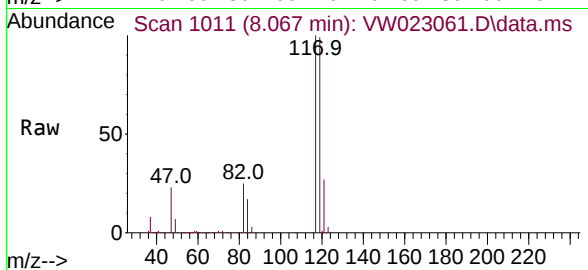
VSTD025533

Tgt Ion:117 Resp: 155910

Ion Ratio Lower Upper

117 100

119 97.0 76.6 115.0



#33

Benzene

Concen: 22.600 ug/L

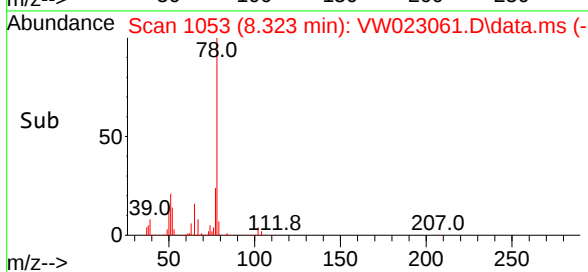
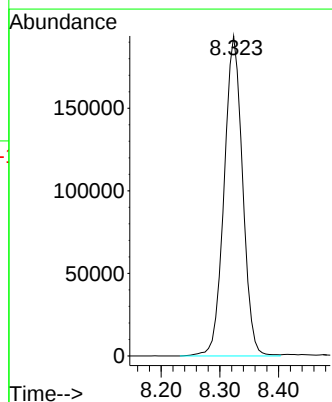
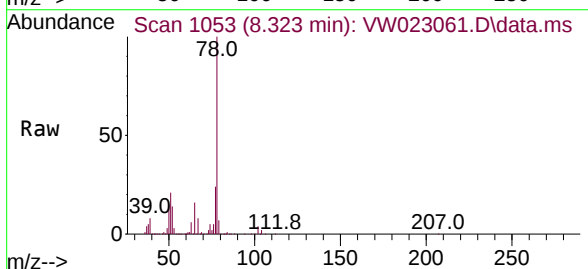
RT: 8.323 min Scan# 1053

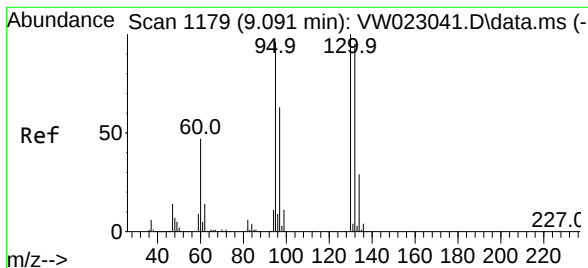
Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Tgt Ion: 78 Resp: 423668





#34

Trichloroethene

Concen: 21.897 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

Tgt Ion: 95 Resp: 112889

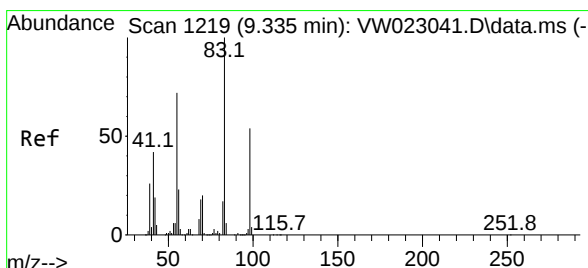
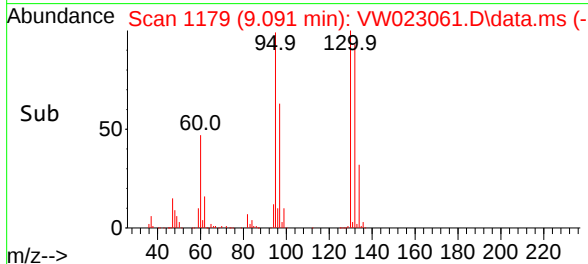
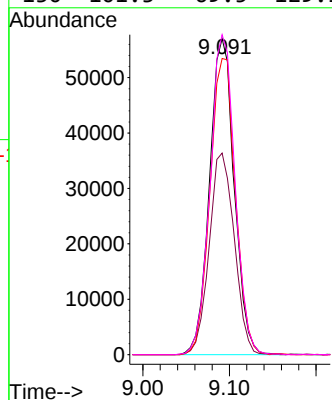
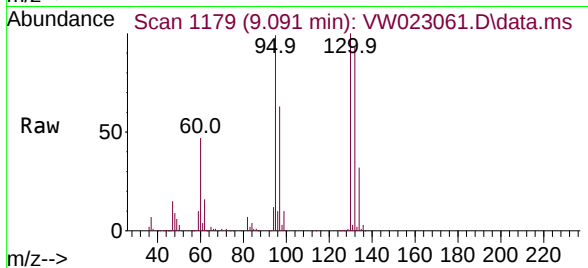
Ion Ratio Lower Upper

95 100

97 63.8 46.1 85.7

132 93.7 66.9 124.3

130 101.3 69.5 129.1



#35

Methylcyclohexane

Concen: 20.409 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

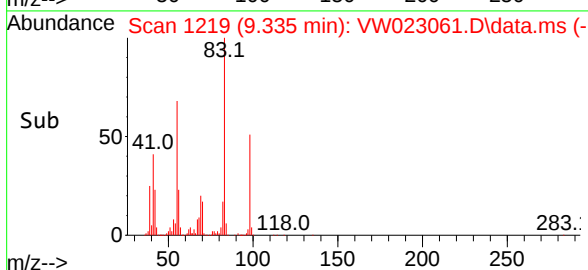
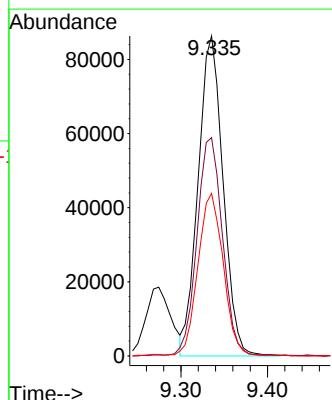
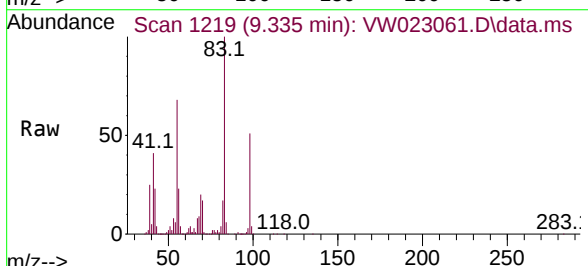
Tgt Ion: 83 Resp: 172850

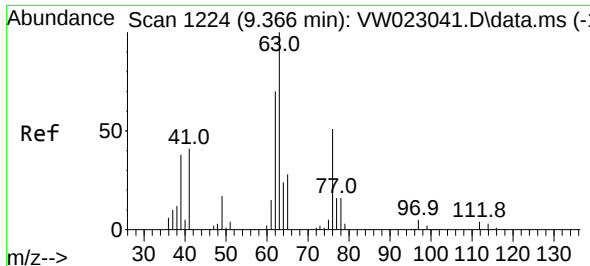
Ion Ratio Lower Upper

83 100

55 69.7 55.1 82.7

98 51.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.877 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

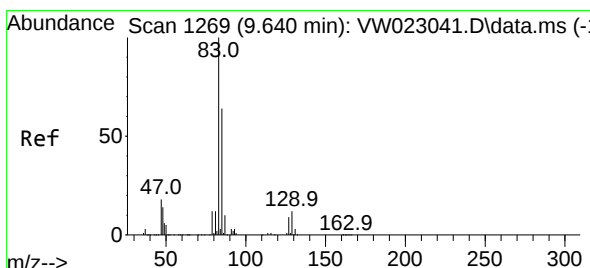
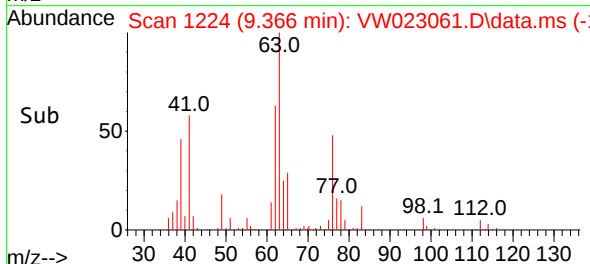
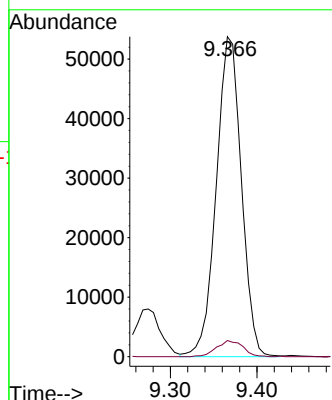
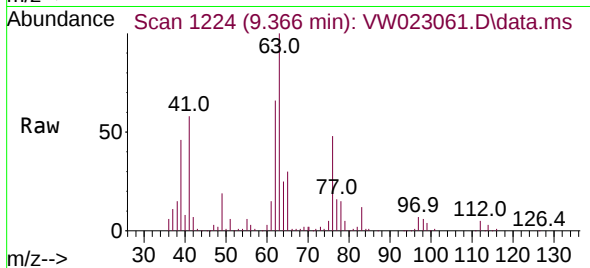
VSTD025533

Tgt Ion: 63 Resp: 108317

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#38

Bromodichloromethane

Concen: 24.041 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

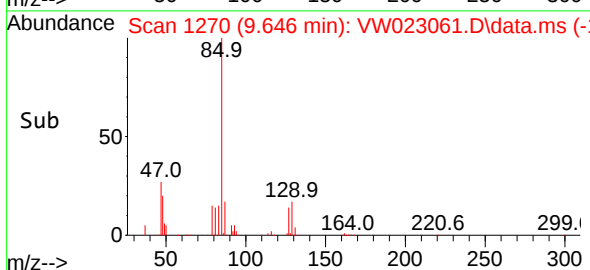
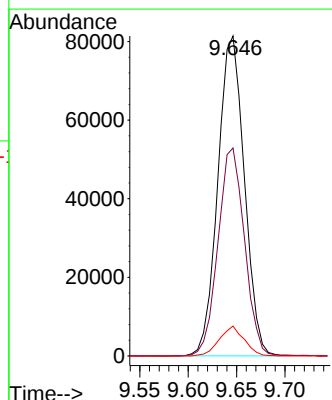
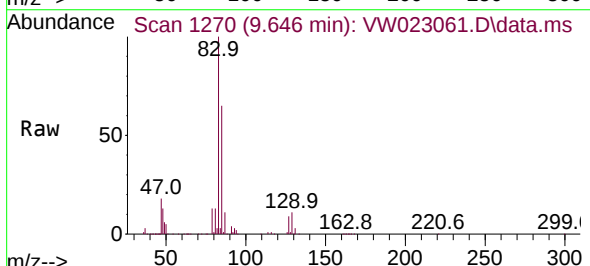
Tgt Ion: 83 Resp: 154910

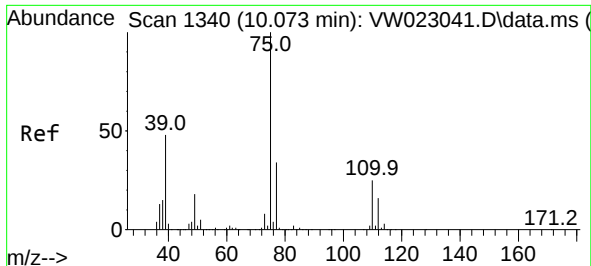
Ion Ratio Lower Upper

83 100

85 65.0 43.5 80.7

127 9.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.878 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

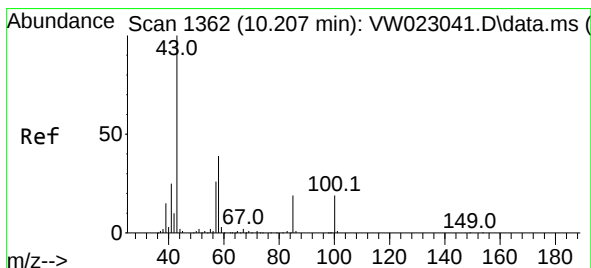
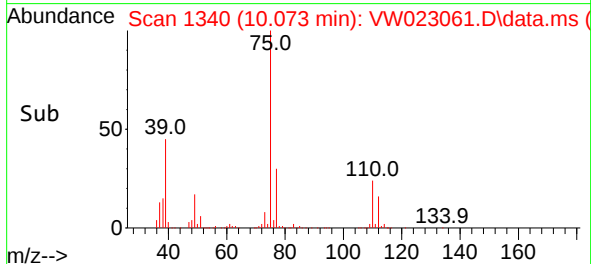
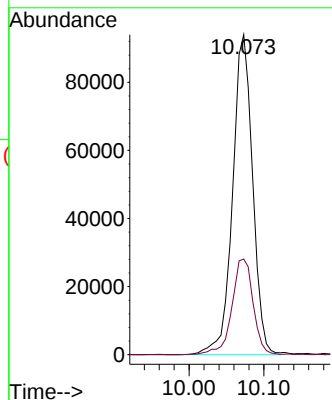
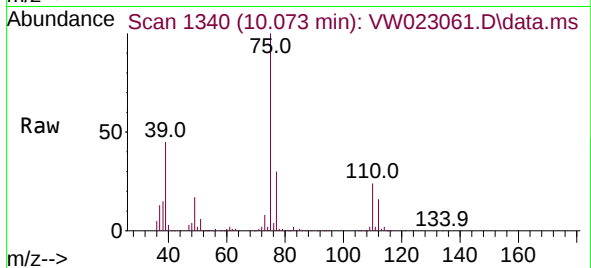
VSTD025533

Tgt Ion: 75 Resp: 174996

Ion Ratio Lower Upper

75 100

77 29.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.136 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

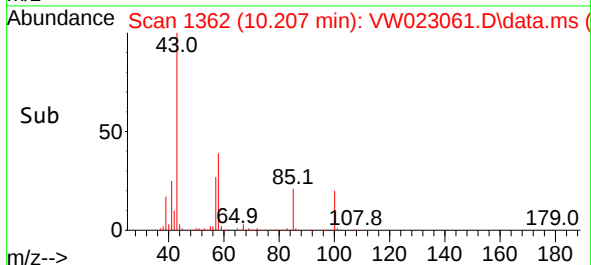
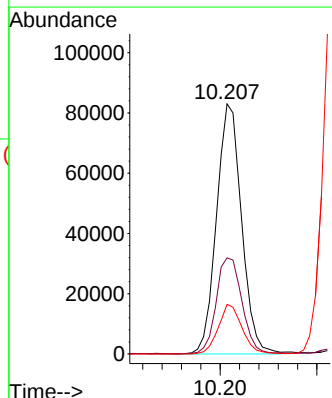
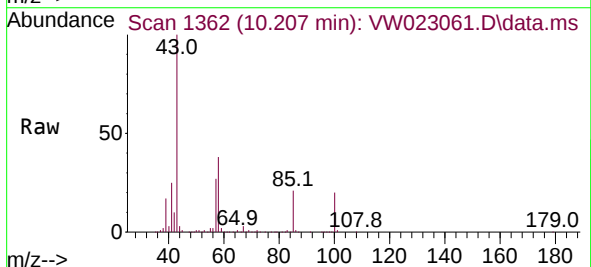
Tgt Ion: 43 Resp: 149077

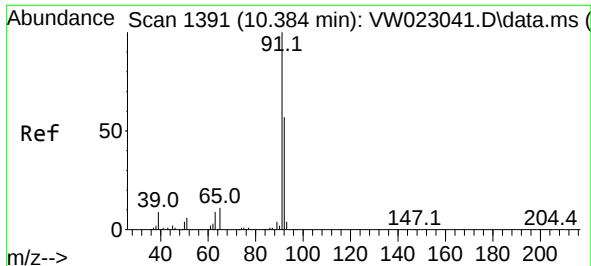
Ion Ratio Lower Upper

43 100

58 39.7 31.4 47.2

100 18.8 14.2 21.4

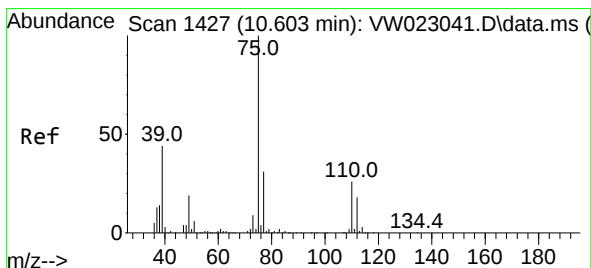
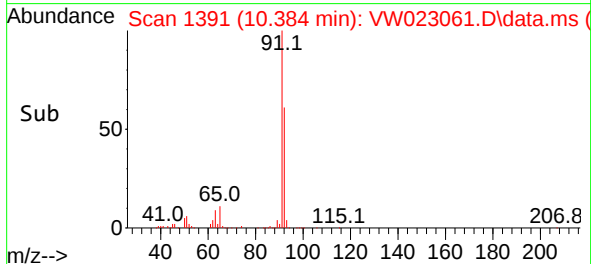
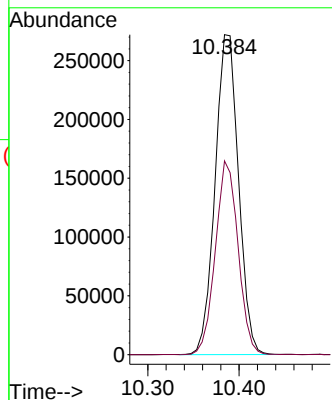
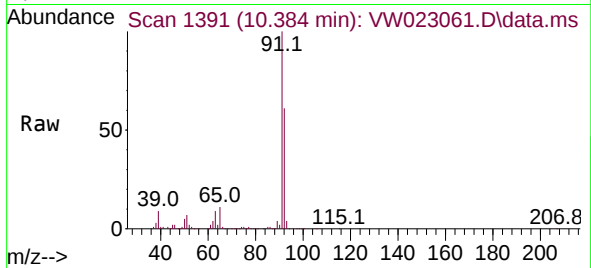




#42
Toluene
Concen: 23.065 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

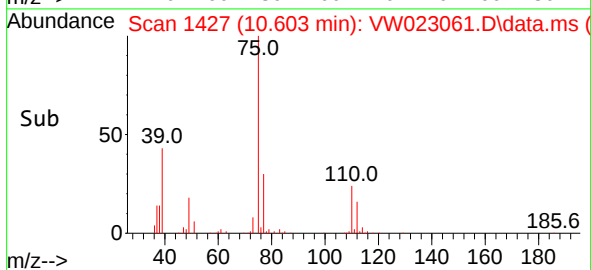
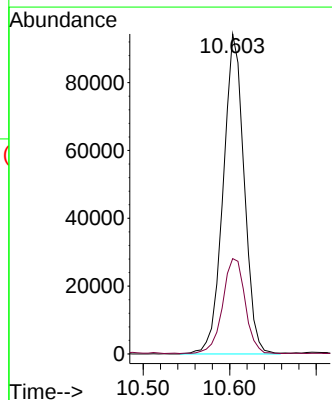
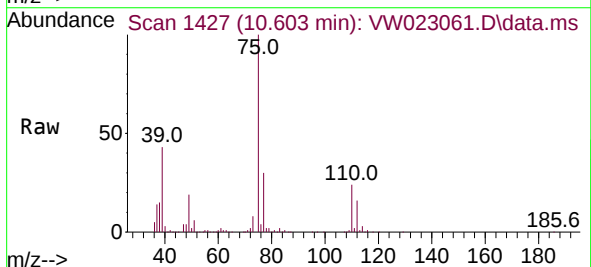
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

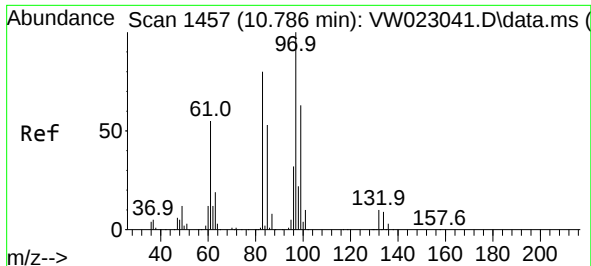
Tgt Ion: 91 Resp: 484562
Ion Ratio Lower Upper
91 100
92 60.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.232 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 75 Resp: 158420
Ion Ratio Lower Upper
75 100
77 29.8 22.0 40.8

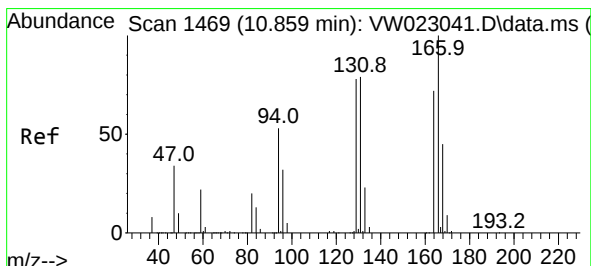
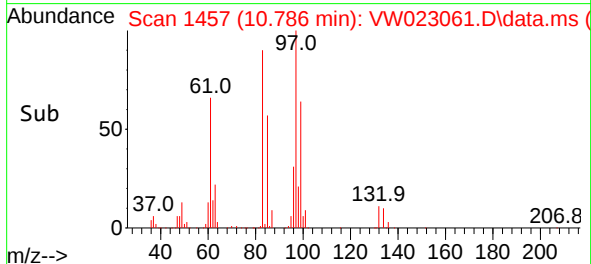
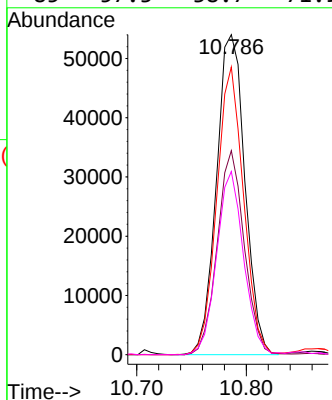
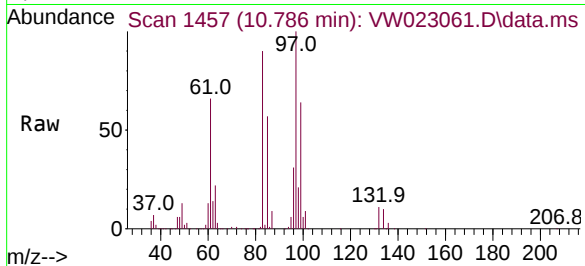




#45
1,1,2-Trichloroethane
Concen: 25.734 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

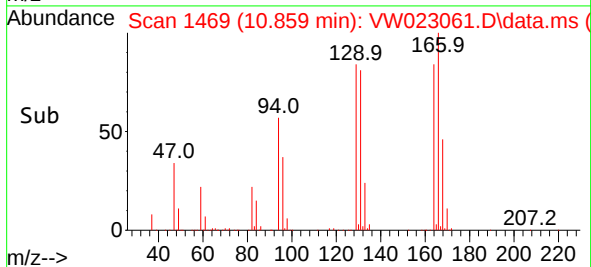
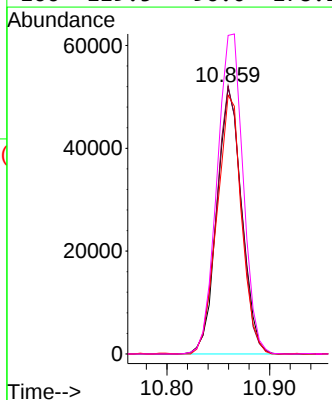
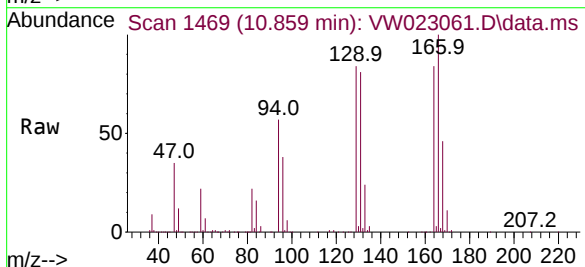
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

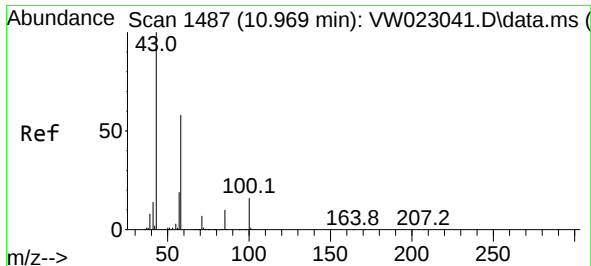
Tgt Ion:	97	Resp:	97592
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.7	82.9
83	89.9	58.4	108.4
85	57.3	38.7	71.9



#46
Tetrachloroethene
Concen: 22.405 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion:	164	Resp:	86805
Ion	Ratio	Lower	Upper
164	100		
129	100.6	76.9	142.7
131	97.1	75.1	139.5
166	119.5	96.0	178.2



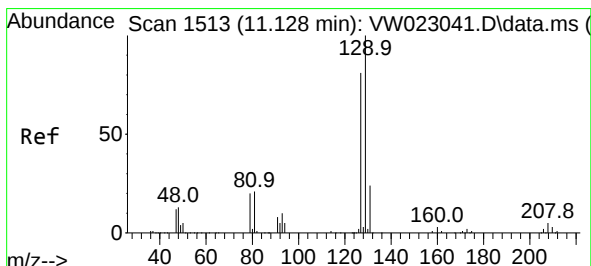
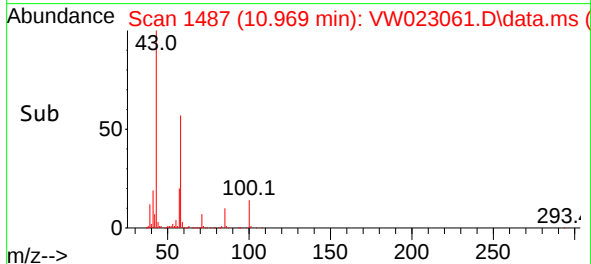
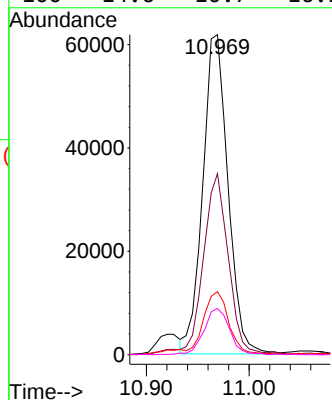
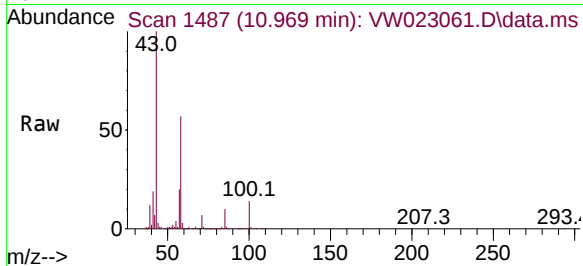


#48
2-Hexanone
Concen: 55.275 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

Tgt Ion: 43 Resp: 105604

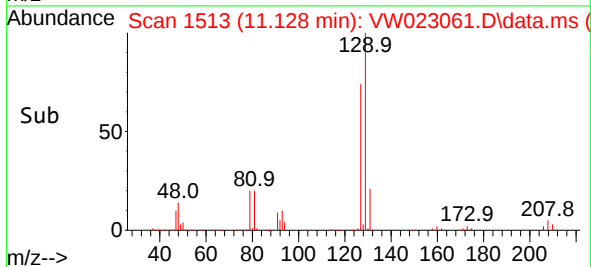
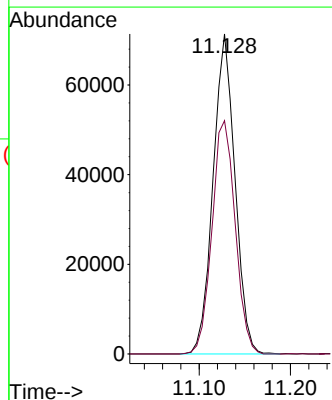
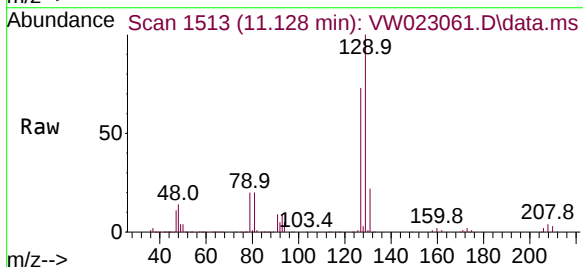
Ion	Ratio	Lower	Upper
43	100		
58	55.0	45.9	68.9
57	19.8	16.2	24.2
100	14.6	10.7	16.1

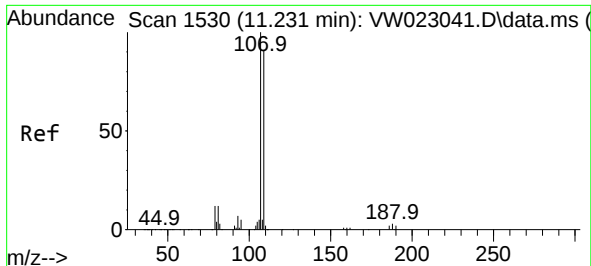


#49
Dibromochloromethane
Concen: 26.025 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 129 Resp: 118787

Ion	Ratio	Lower	Upper
129	100		
127	72.9	53.8	100.0





#50

1,2-Dibromoethane

Concen: 24.593 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

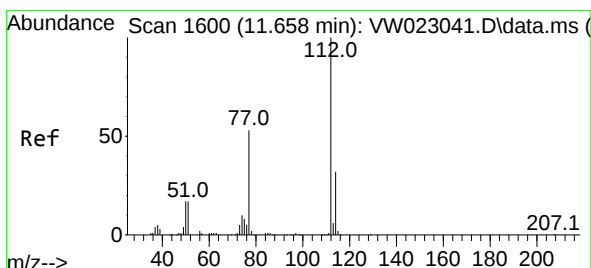
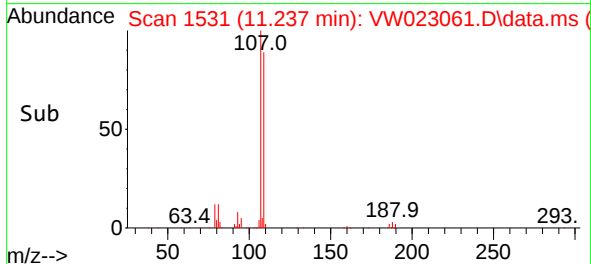
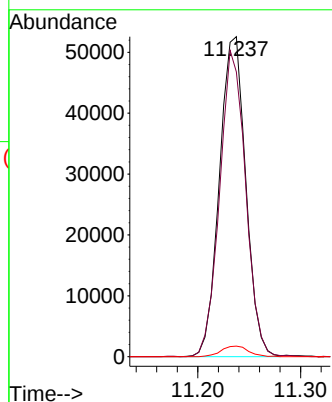
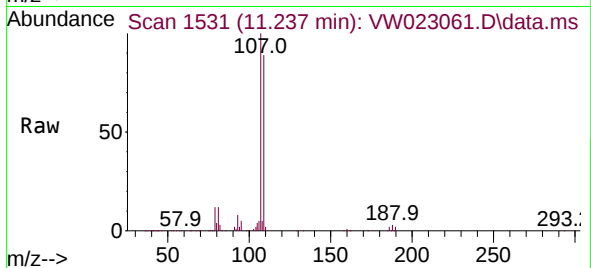
Tgt Ion:107 Resp: 93650

Ion Ratio Lower Upper

107 100

109 89.0 67.5 125.4

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 23.859 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

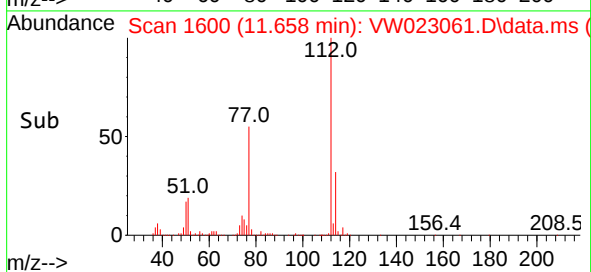
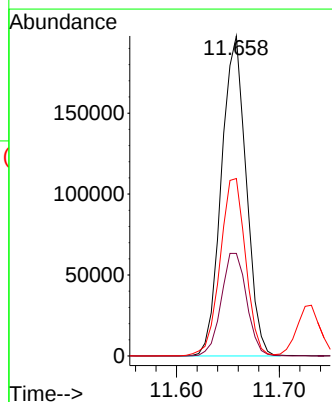
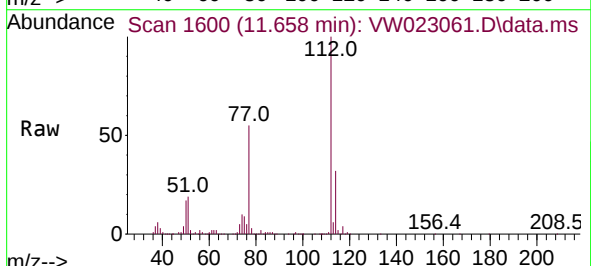
Tgt Ion:112 Resp: 330454

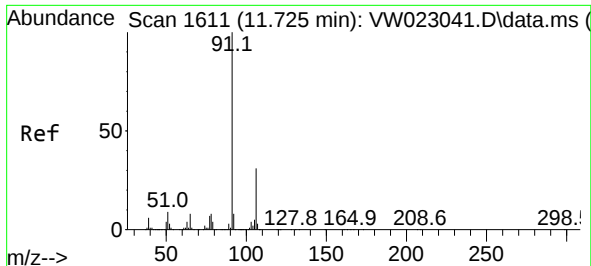
Ion Ratio Lower Upper

112 100

114 32.1 22.0 41.0

77 55.4 42.6 63.8

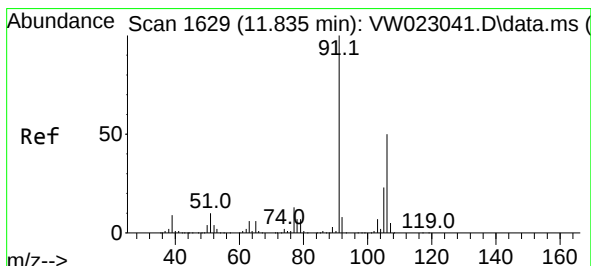
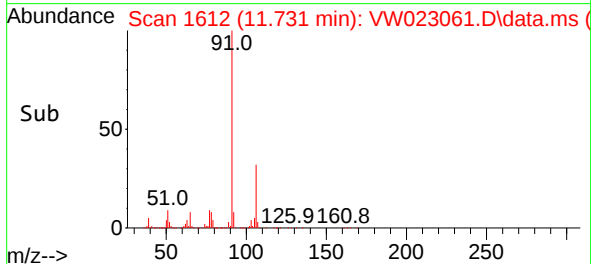
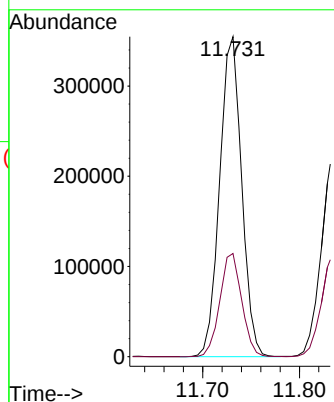
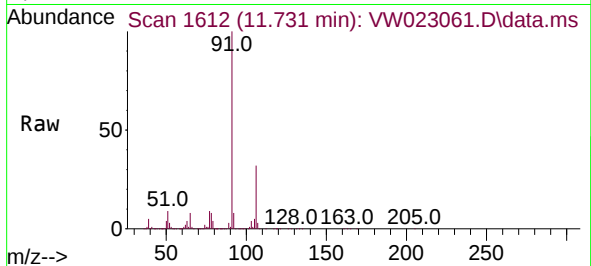




#52
Ethylbenzene
Concen: 23.911 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

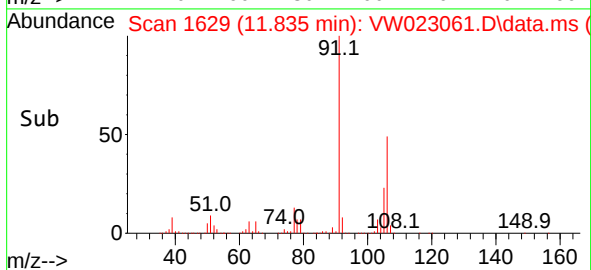
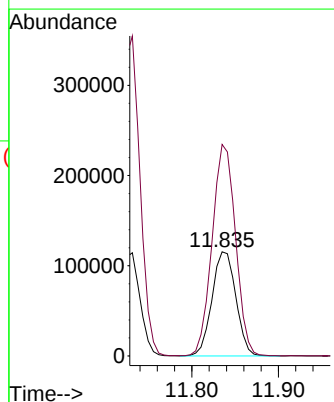
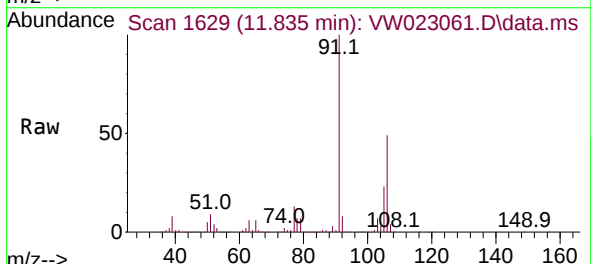
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

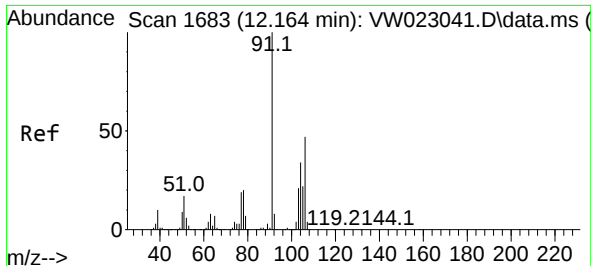
Tgt Ion: 91 Resp: 558864
Ion Ratio Lower Upper
91 100
106 32.3 22.3 41.3



#53
m,p-Xylene
Concen: 24.018 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 106 Resp: 221189
Ion Ratio Lower Upper
106 100
91 203.0 136.8 254.0

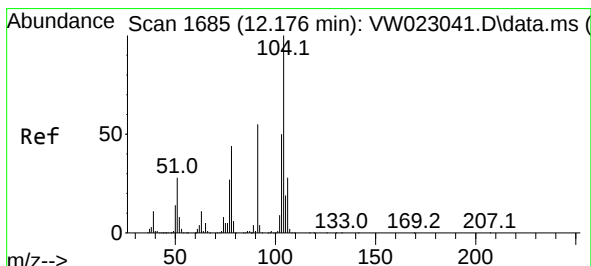
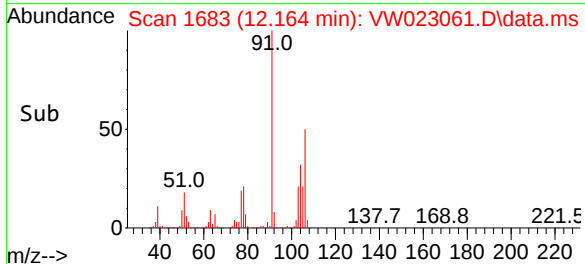
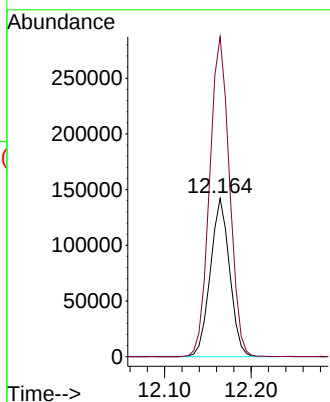
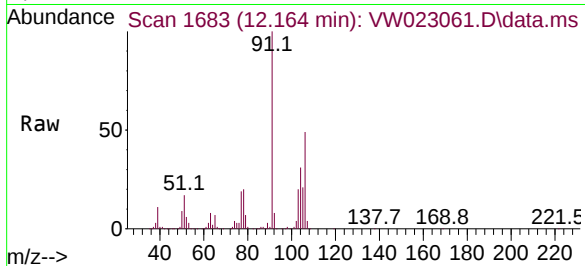




#54
o-Xylene
Concen: 24.855 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

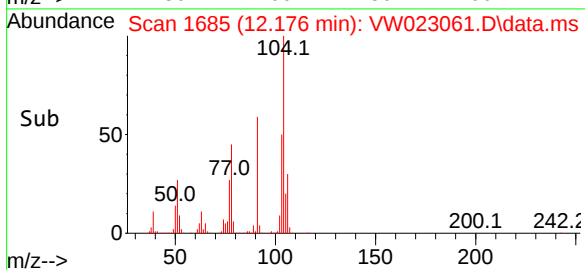
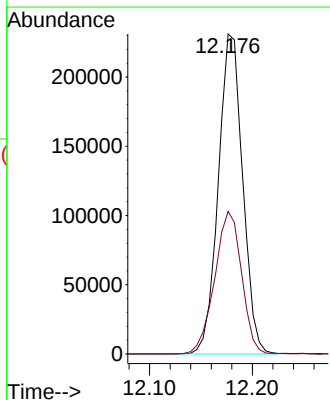
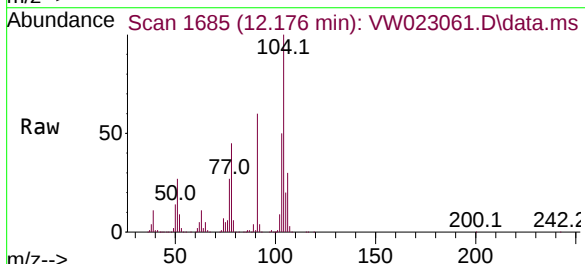
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

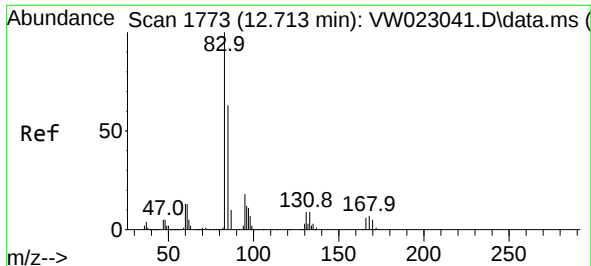
Tgt Ion:106 Resp: 219654
Ion Ratio Lower Upper
106 100
91 202.1 147.2 273.4



#55
Styrene
Concen: 25.296 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion:104 Resp: 379877
Ion Ratio Lower Upper
104 100
78 44.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.294 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

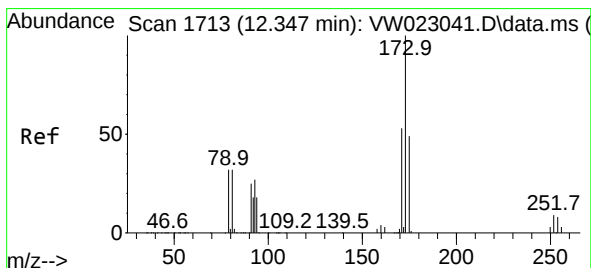
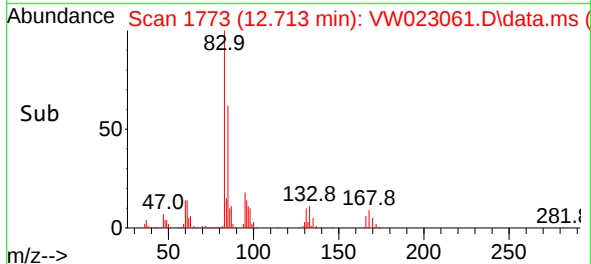
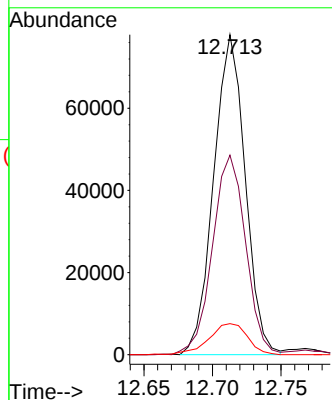
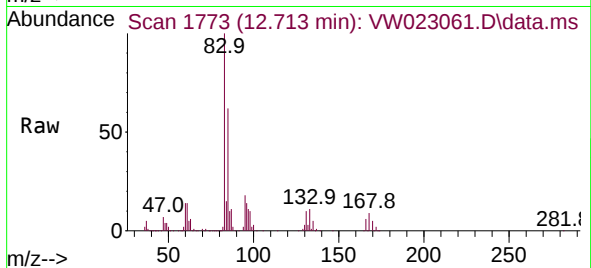
Tgt Ion: 83 Resp: 124548

Ion Ratio Lower Upper

83 100

85 62.4 47.5 88.1

131 9.7 8.7 13.1



#59

Bromoform

Concen: 25.713 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

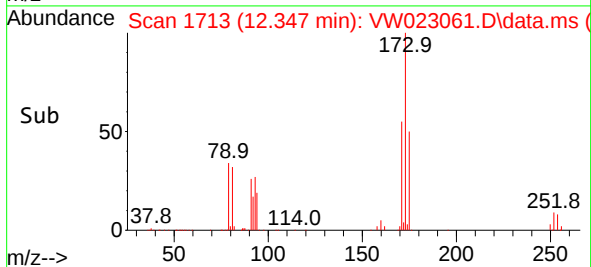
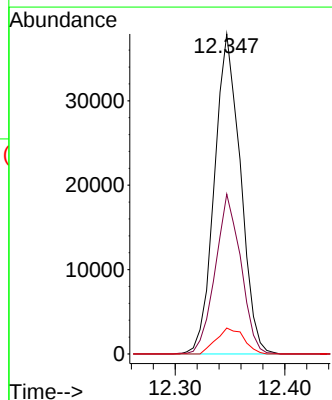
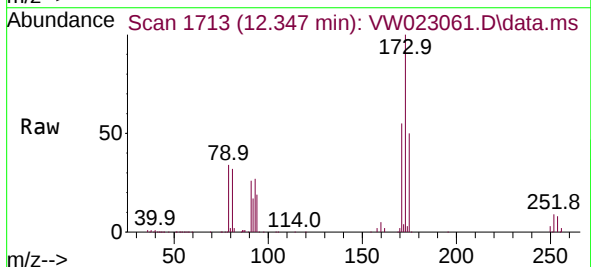
Tgt Ion: 173 Resp: 62491

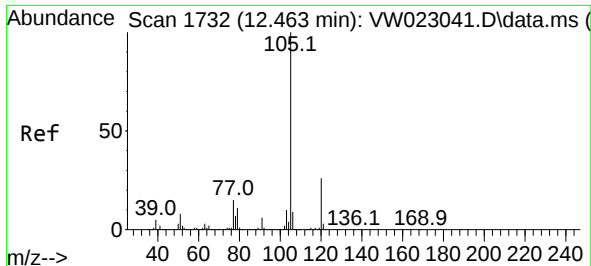
Ion Ratio Lower Upper

173 100

175 49.3 38.1 57.1

254 8.6 6.5 9.7

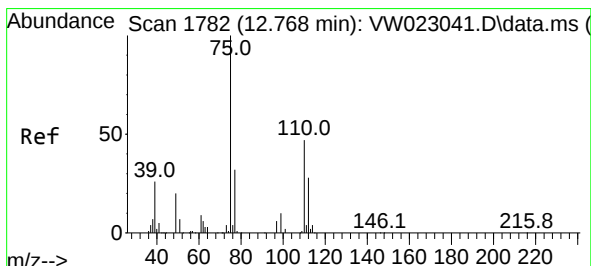
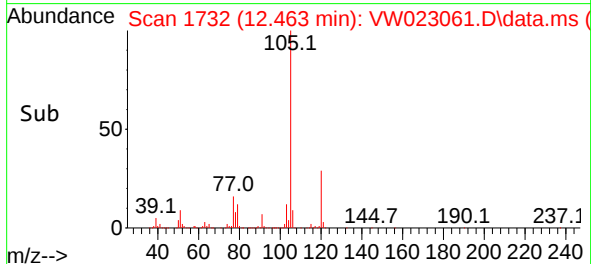
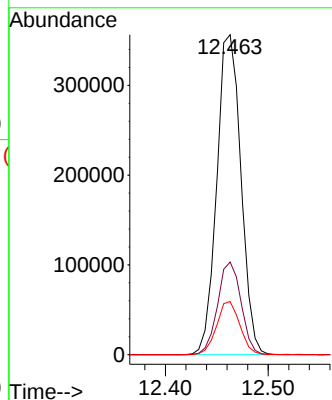
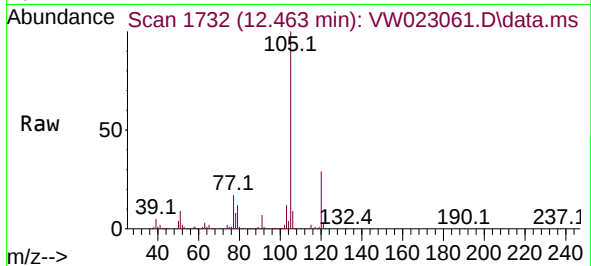




#60
Isopropylbenzene
Concen: 24.739 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

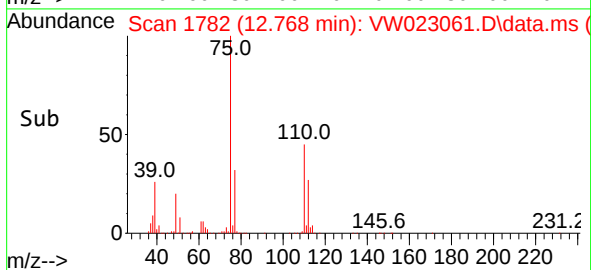
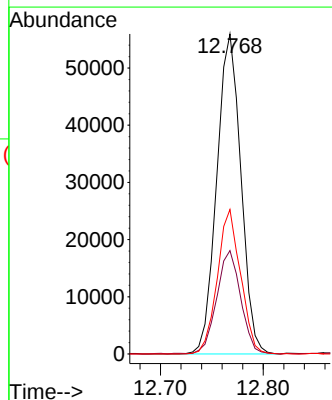
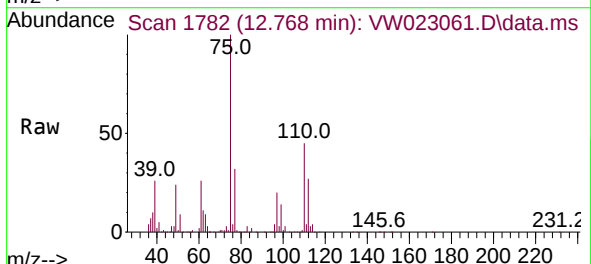
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

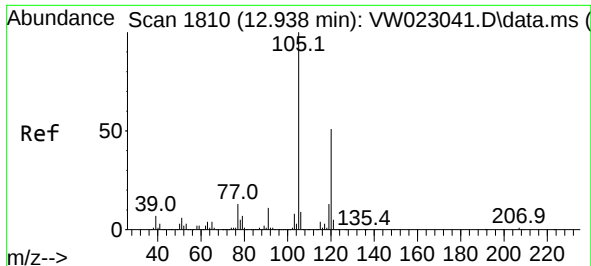
Tgt Ion:105 Resp: 581199
Ion Ratio Lower Upper
105 100
120 28.1 21.3 31.9
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 26.595 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion: 75 Resp: 91129
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 43.4 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 25.663 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

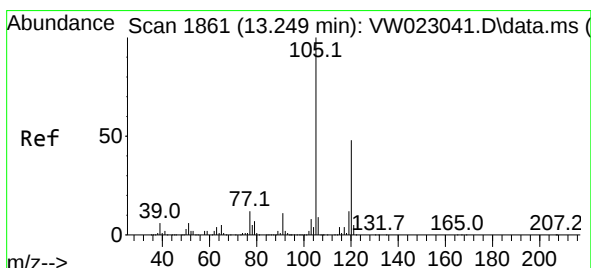
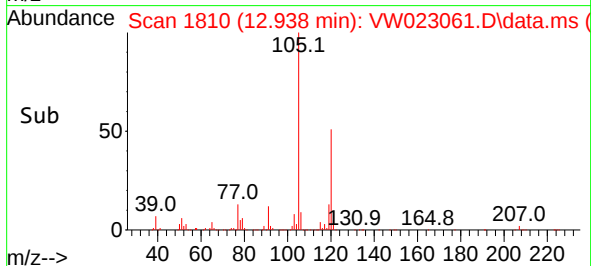
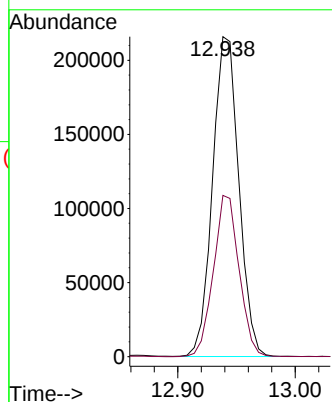
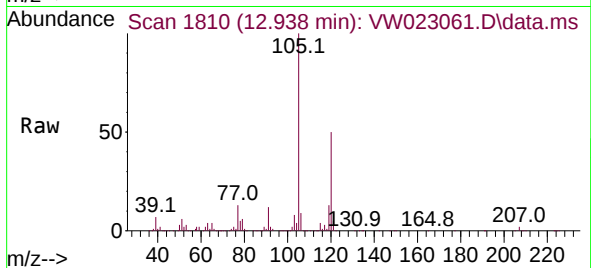
VSTD025533

Tgt Ion:105 Resp: 335418

Ion Ratio Lower Upper

105 100

120 49.3 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 25.798 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023061.D

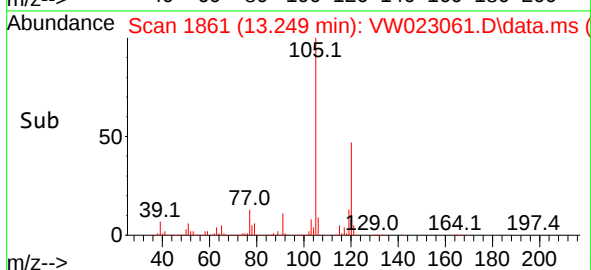
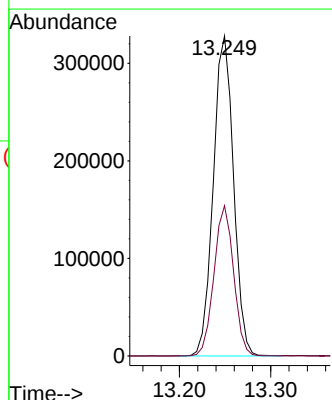
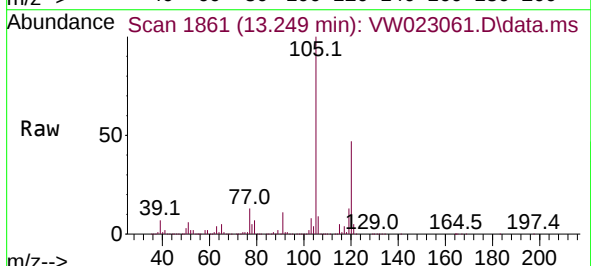
Acq: 16 May 2022 18:49

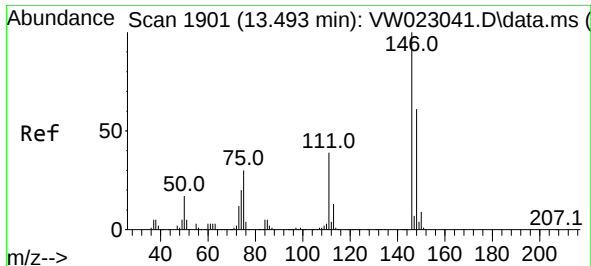
Tgt Ion:105 Resp: 506297

Ion Ratio Lower Upper

105 100

120 45.5 37.4 56.2

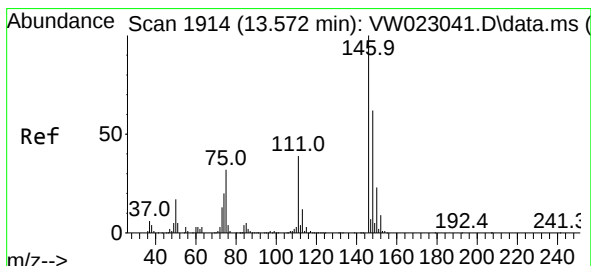
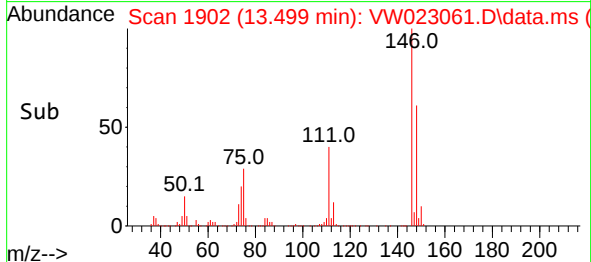
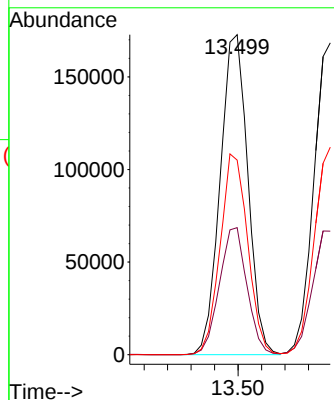
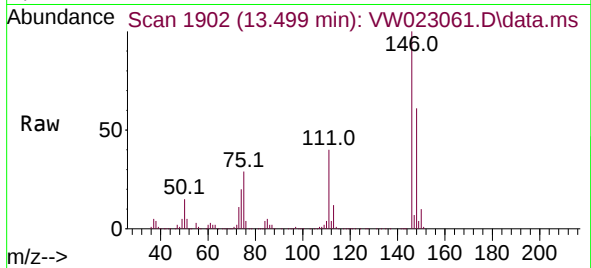




#64
1,3-Dichlorobenzene
Concen: 26.957 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

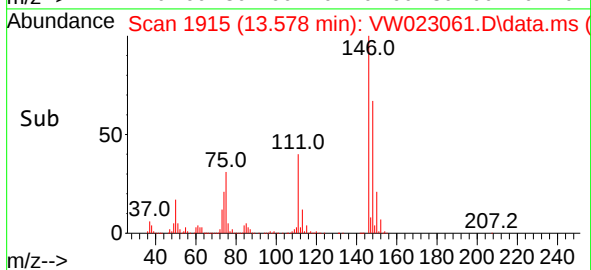
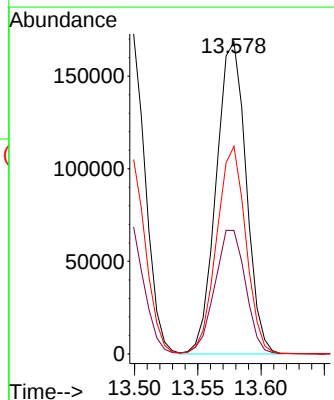
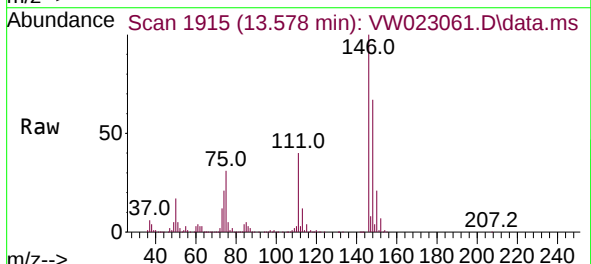
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

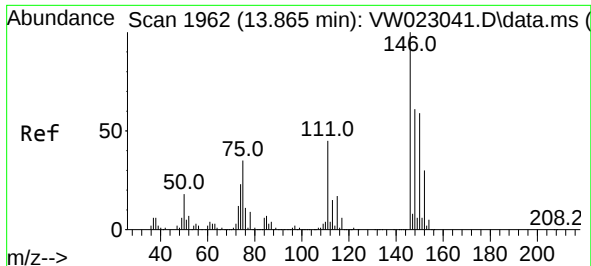
Tgt Ion:146 Resp: 282751
Ion Ratio Lower Upper
146 100
111 39.7 29.5 54.9
148 60.8 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.602 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion:146 Resp: 277380
Ion Ratio Lower Upper
146 100
111 39.6 27.2 50.4
148 66.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.440 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

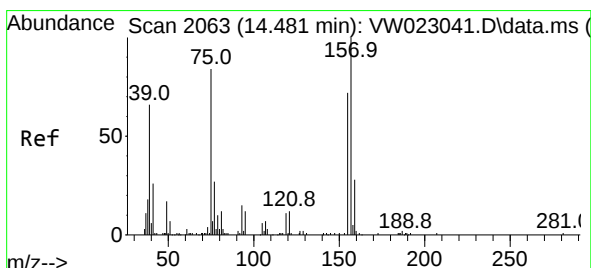
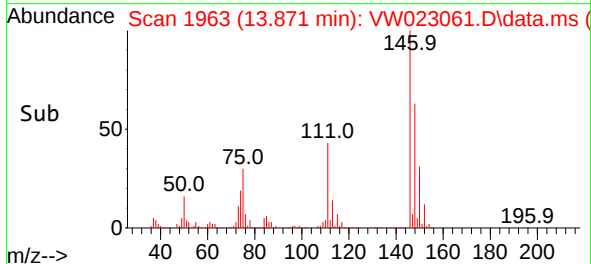
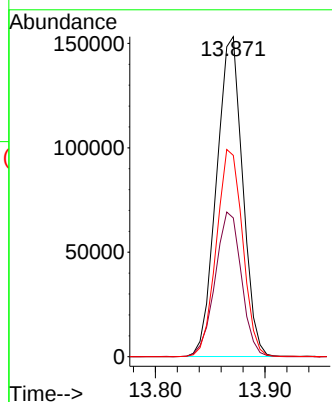
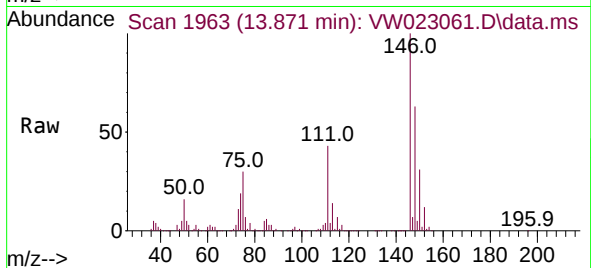
Tgt Ion:146 Resp: 253779

Ion Ratio Lower Upper

146 100

111 43.3 35.7 53.5

148 62.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 27.139 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023061.D

Acq: 16 May 2022 18:49

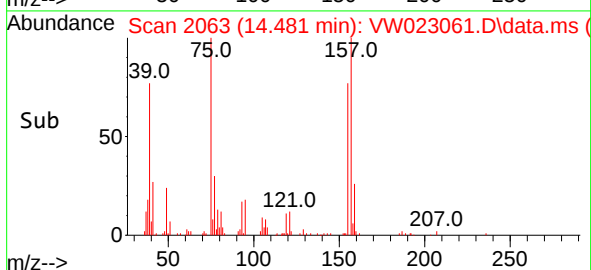
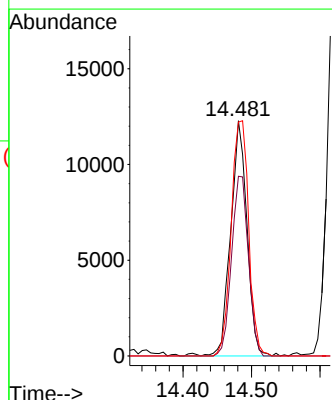
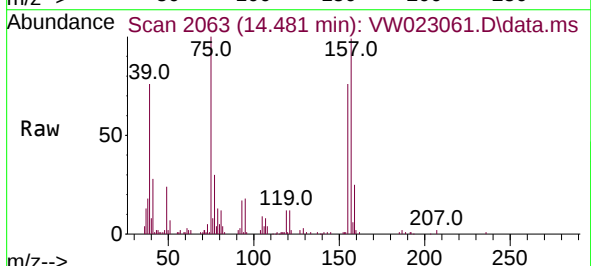
Tgt Ion: 75 Resp: 20323

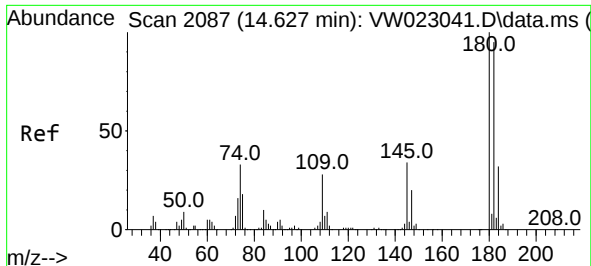
Ion Ratio Lower Upper

75 100

155 76.4 59.3 88.9

157 99.4 89.8 134.8

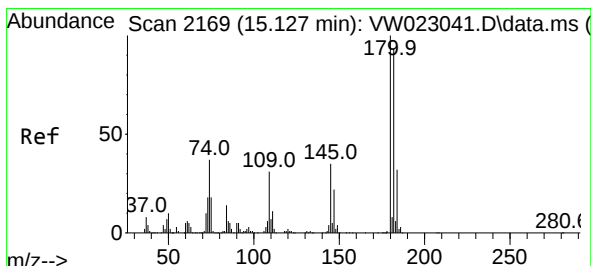
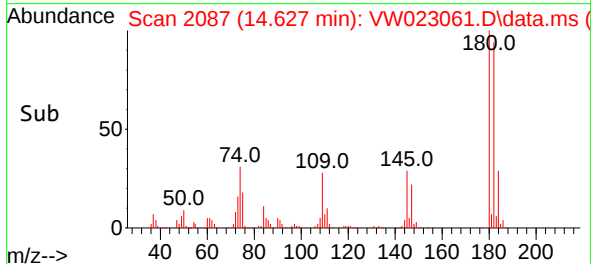
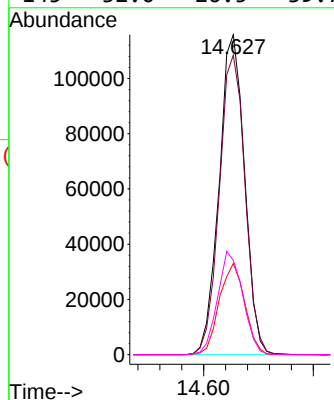
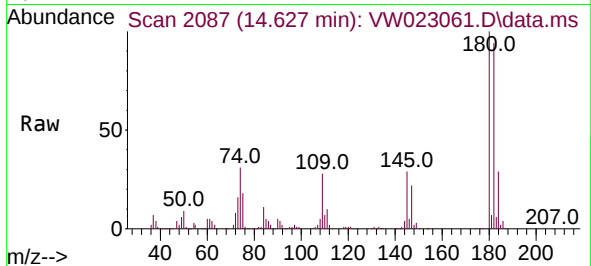




#69
1,3,5-Trichlorobenzene
Concen: 26.853 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

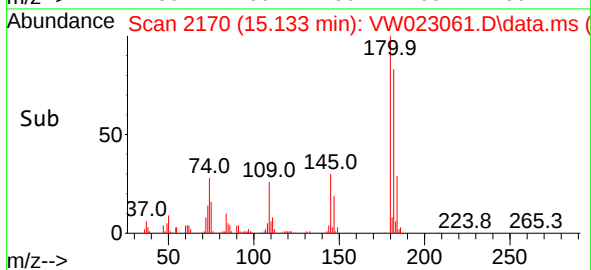
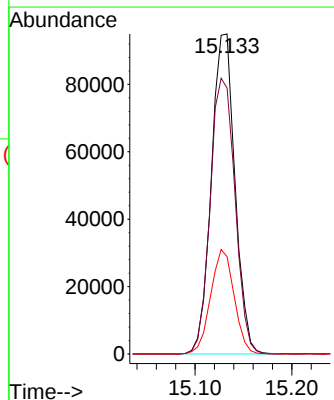
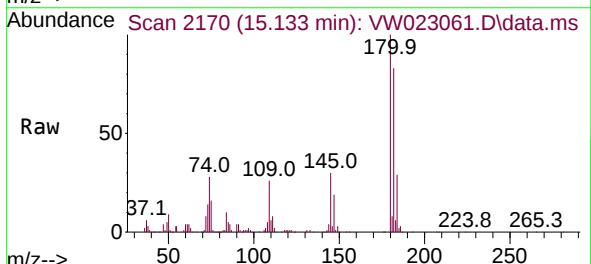
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

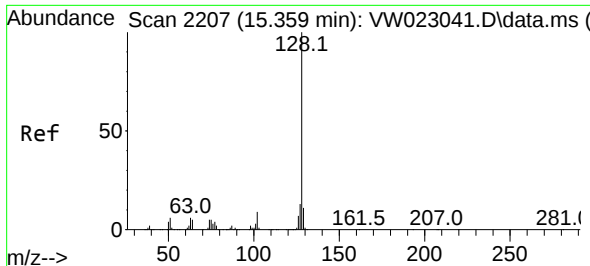
Tgt Ion:	180	Resp:	186966
Ion Ratio	Lower	Upper	
180	100		
182	94.6	74.8	112.2
184	28.5	23.4	35.2
145	32.0	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 28.773 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion:	180	Resp:	161150
Ion Ratio	Lower	Upper	
180	100		
182	90.3	74.9	112.3
145	32.4	26.6	39.8

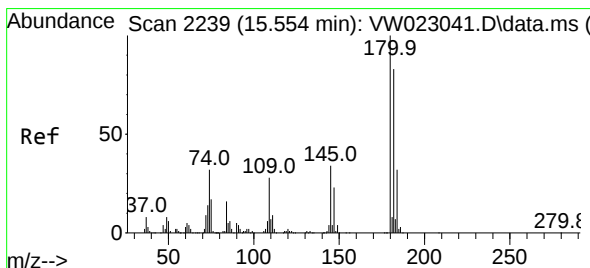
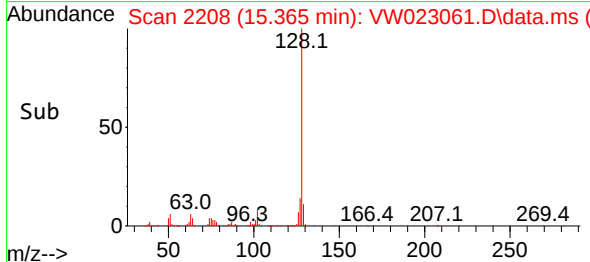
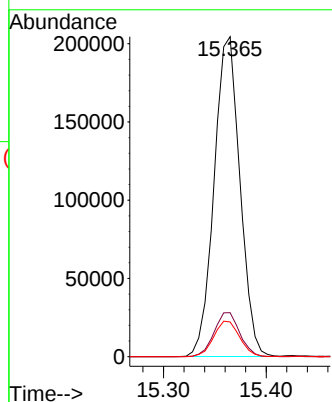
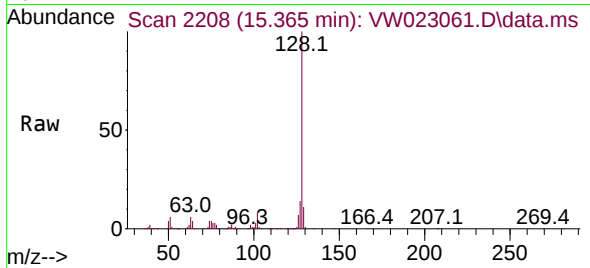




#71
Naphthalene
Concen: 29.332 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

Tgt Ion:128 Resp: 357059
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 11.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 28.255 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023061.D
Acq: 16 May 2022 18:49

Tgt Ion:180 Resp: 140254
Ion Ratio Lower Upper
180 100
182 93.5 73.5 110.3
145 35.4 27.9 41.9

