

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023284.D
 Acq On : 24 May 2022 20:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: May 25 00:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 25 00:48:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	302618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	308101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	178971	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	116450	18.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.040%
7) Chloroethane-d5	2.885	69	93043	23.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
11) 1,1-Dichloroethene-d2	4.019	63	164586	20.516	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.080%
21) 2-Butanone-d5	7.080	46	58906	49.901	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.800%
24) Chloroform-d	7.653	84	222166	25.058	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	8.305	65	121084	24.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	8.275	84	419580	23.627	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	9.274	67	121759	24.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	10.323	98	410664	23.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.760%
43) trans-1,3-Dichloroprop...	10.579	79	53293	23.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.800%
47) 2-Hexanone-d5	10.920	63	47407	49.782	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122503	26.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	155116	24.794	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	44052	26.703	ug/L	100
3) Chloromethane	2.215	50	107780	33.810	ug/L	97
5) Vinyl chloride	2.361	62	145545	22.750	ug/L	99
6) Bromomethane	2.776	94	85943	20.923	ug/L	97
8) Chloroethane	2.922	64	83323	27.003	ug/L	98
9) Trichlorofluoromethane	2.351	101	56138	19.199	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	103162	23.595	ug/L	98
12) 1,1-Dichloroethene	4.037	96	90791	23.425	ug/L	97
13) Acetone	4.123	43	36260	41.027	ug/L	99
14) Carbon disulfide	4.385	76	253457	23.853	ug/L	99
15) Methyl Acetate	4.678	43	47155	26.558	ug/L	94
16) Methylene chloride	4.922	84	114320	25.817	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	110737	25.389	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	186381	27.992	ug/L	100
19) 1,1-Dichloroethane	6.214	63	197931	26.775	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	128117	27.347	ug/L #	98
22) 2-Butanone	7.171	43	60762	49.161	ug/L	99
23) Bromochloromethane	7.512	128	61097	27.847	ug/L	91
25) Chloroform	7.677	83	224423	27.455	ug/L	97

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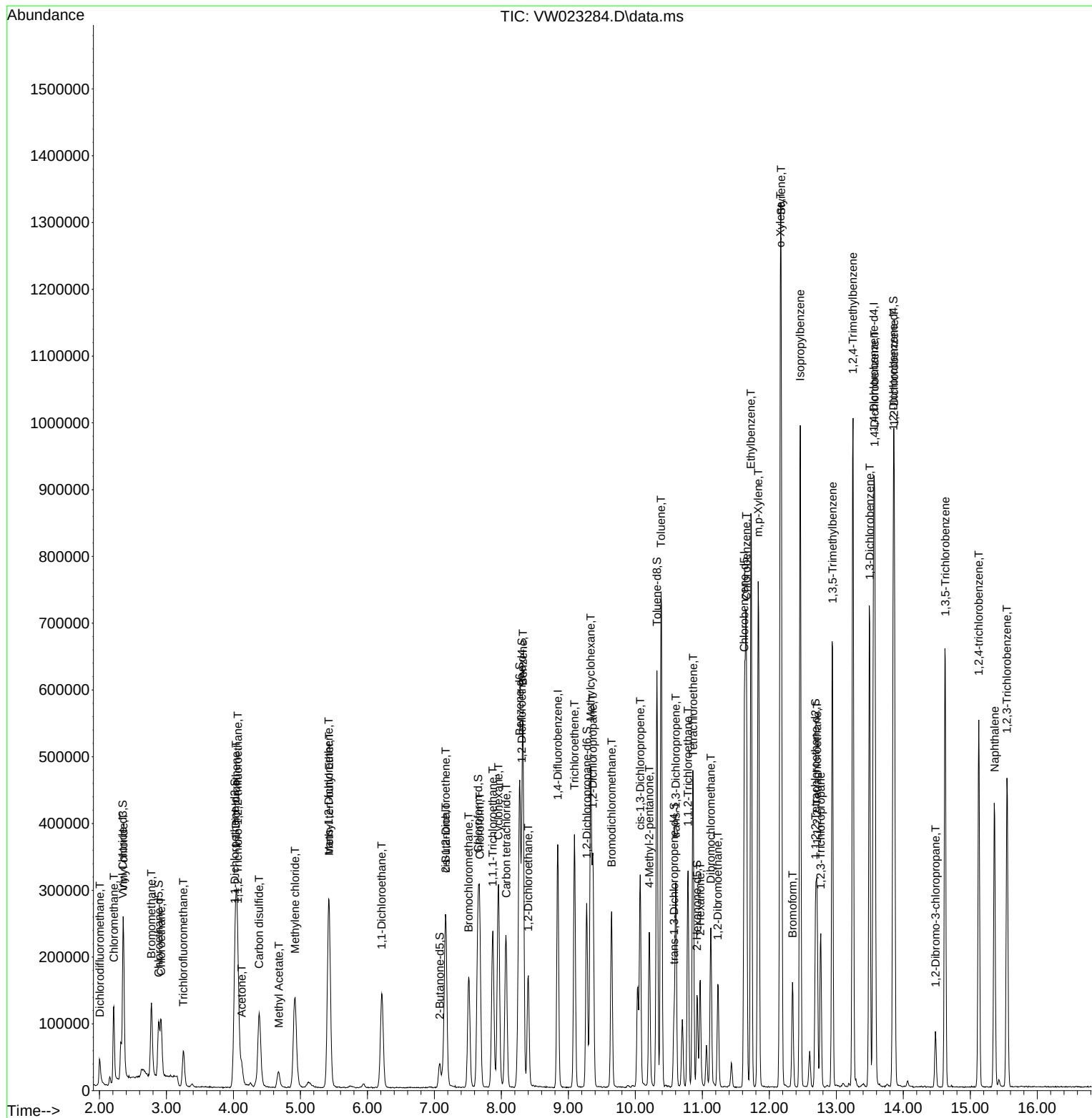
Quant Time: May 25 00:58:08 2022
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 Quant Title : SFAM01.0
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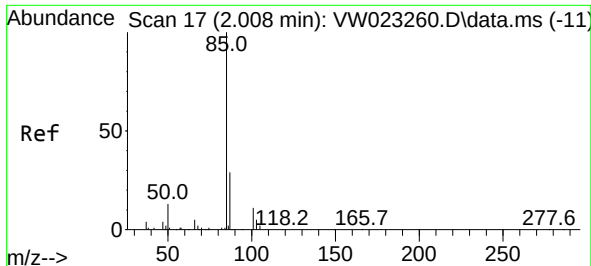
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148806	27.310	ug/L	97
29) Cyclohexane	7.958	56	160732	24.122	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	188109	25.836	ug/L	99
31) Carbon tetrachloride	8.073	117	169127	24.832	ug/L	100
33) Benzene	8.323	78	469306	25.857	ug/L	100
34) Trichloroethene	9.091	95	125671	25.177	ug/L	94
35) Methylcyclohexane	9.335	83	196738	23.992	ug/L	98
37) 1,2-Dichloropropane	9.366	63	115087	26.202	ug/L	99
38) Bromodichloromethane	9.646	83	168438	26.999	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	180556	26.511	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	142845	51.597	ug/L	100
42) Toluene	10.384	91	552650	27.169	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	160780	26.449	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	98572	26.845	ug/L	98
46) Tetrachloroethene	10.866	164	99742	26.589	ug/L	78
48) 2-Hexanone	10.969	43	96305	52.063	ug/L	99
49) Dibromochloromethane	11.128	129	118100	26.724	ug/L	97
50) 1,2-Dibromoethane	11.231	107	99637	27.024	ug/L	96
51) Chlorobenzene	11.658	112	366169	27.306	ug/L	96
52) Ethylbenzene	11.725	91	609793	26.946	ug/L	100
53) m,p-Xylene	11.835	106	246286	27.621	ug/L	99
54) o-Xylene	12.164	106	237925	27.806	ug/L	97
55) Styrene	12.176	104	411145	28.278	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	125784	27.427	ug/L	96
59) Bromoform	12.347	173	66443	26.196	ug/L	97
60) Isopropylbenzene	12.463	105	630644	25.721	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88757	24.820	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	353253	25.897	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	540373	26.383	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	282617	25.818	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	287595	25.435	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	269923	26.946	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19065	24.394	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	186021	25.601	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	161713	27.667	ug/L	99
71) Naphthalene	15.365	128	360830	28.403	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	147898	28.549	ug/L	99

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

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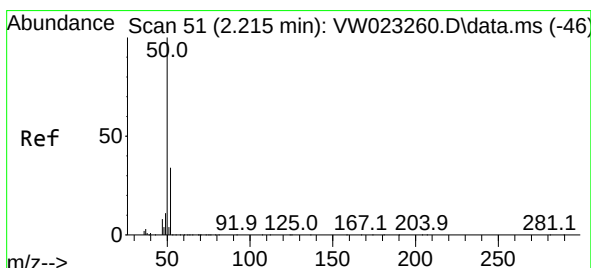
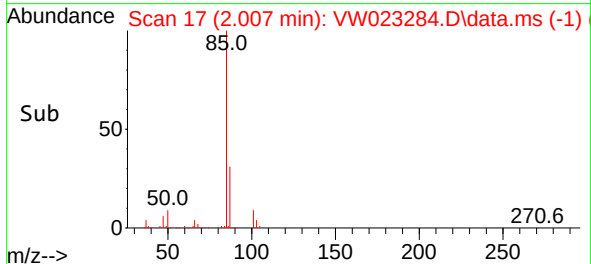
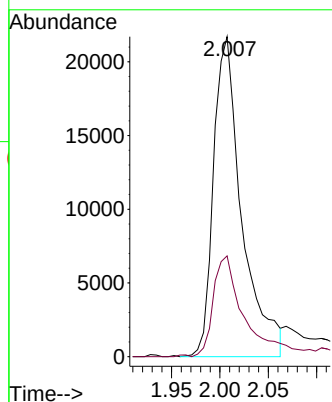
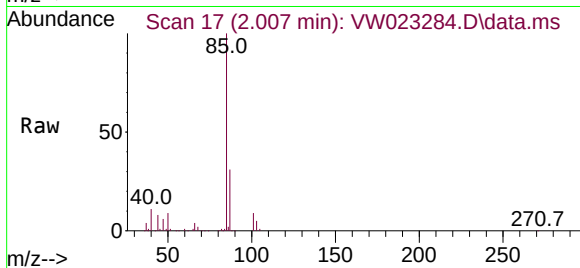




#2
Dichlorodifluoromethane
Concen: 26.703 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

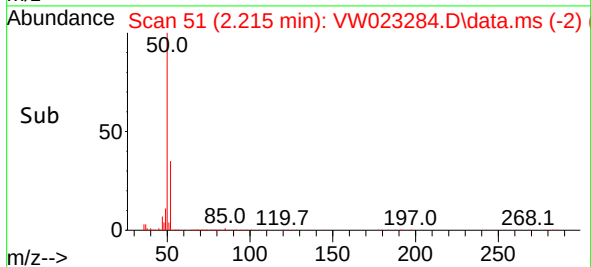
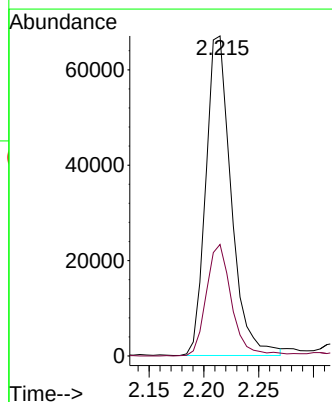
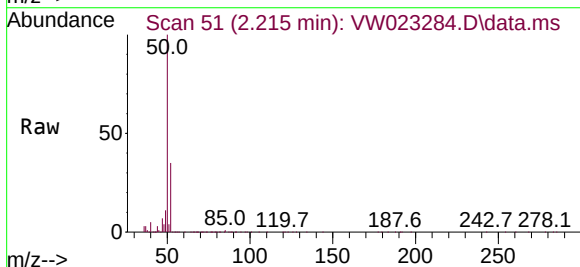
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

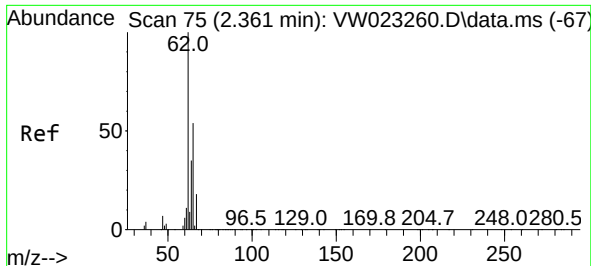
Tgt Ion: 85 Resp: 44052
Ion Ratio Lower Upper
85 100
87 34.7 27.8 41.8



#3
Chloromethane
Concen: 33.810 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 50 Resp: 107780
Ion Ratio Lower Upper
50 100
52 34.9 23.1 42.9

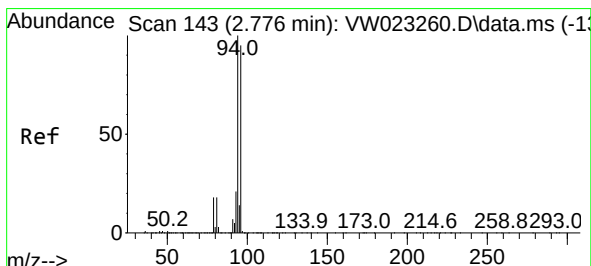
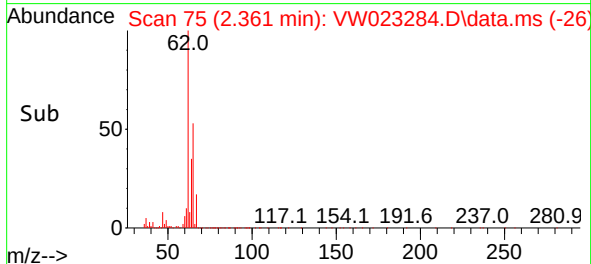
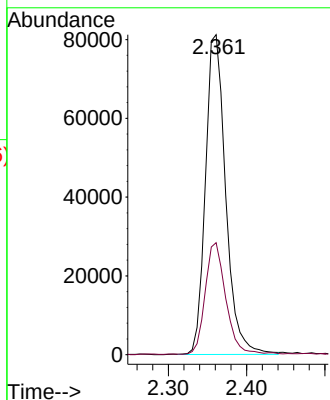
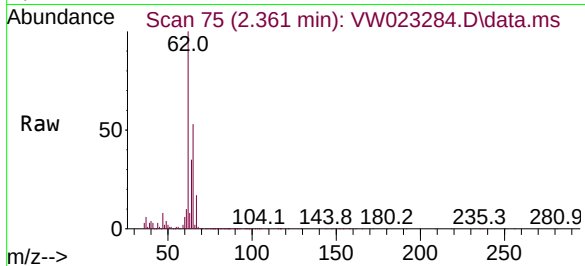




#5
 Vinyl chloride
 Concen: 22.750 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023284.D
 Acq: 24 May 2022 20:01

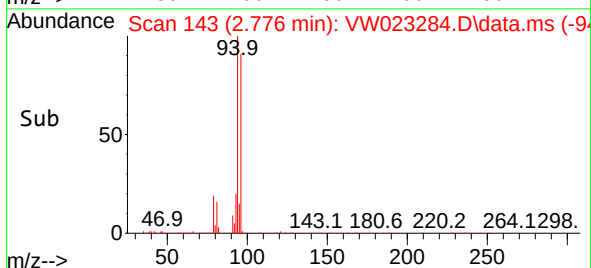
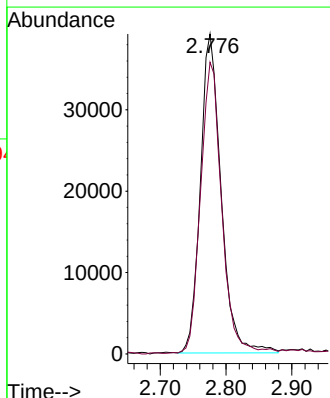
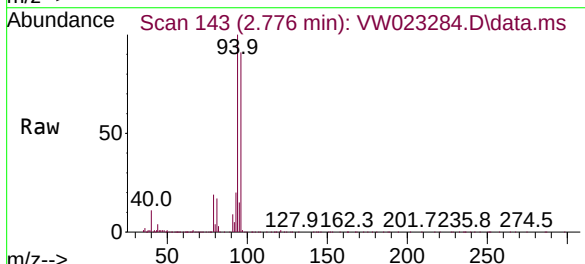
Instrument :
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 ClientSampleId :
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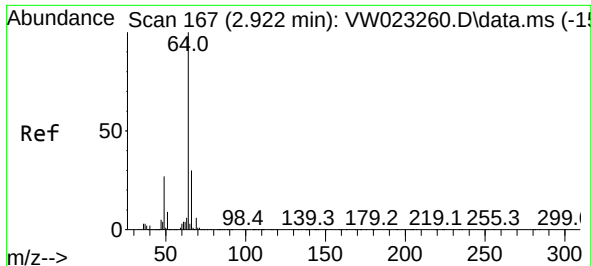
Tgt Ion: 62 Resp: 145545
 Ion Ratio Lower Upper
 62 100
 64 35.0 24.9 46.3



#6
 Bromomethane
 Concen: 20.923 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023284.D
 Acq: 24 May 2022 20:01

Tgt Ion: 94 Resp: 85943
 Ion Ratio Lower Upper
 94 100
 96 91.2 61.7 114.5

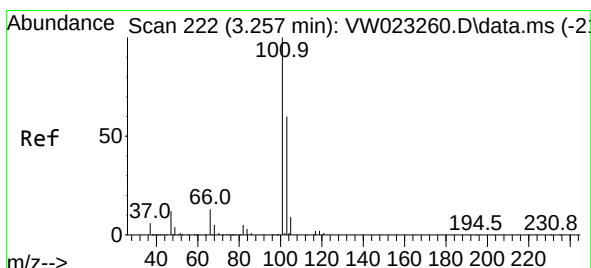
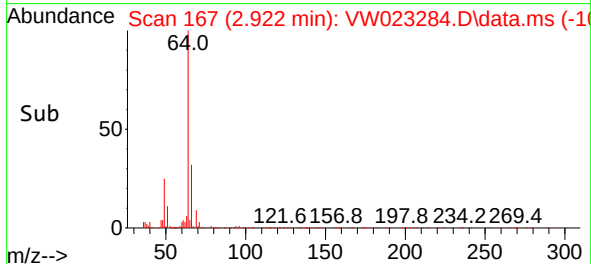
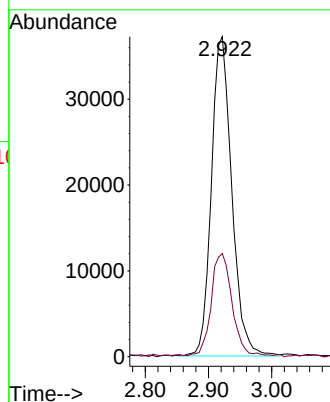
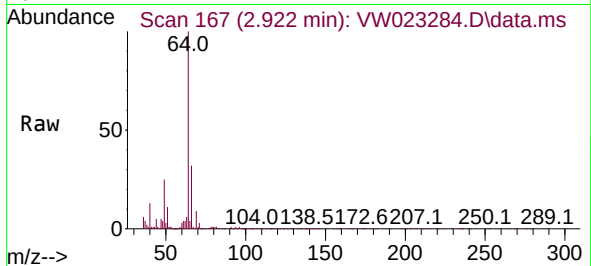




#8
Chloroethane
Concen: 27.003 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

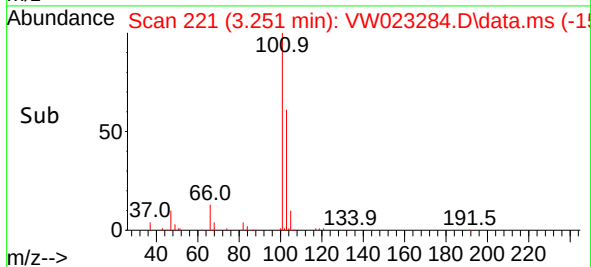
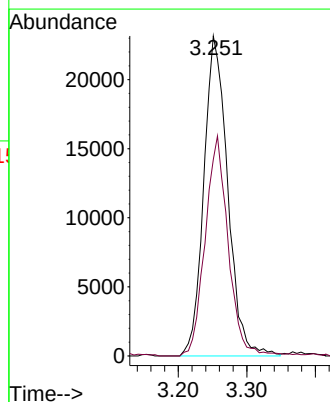
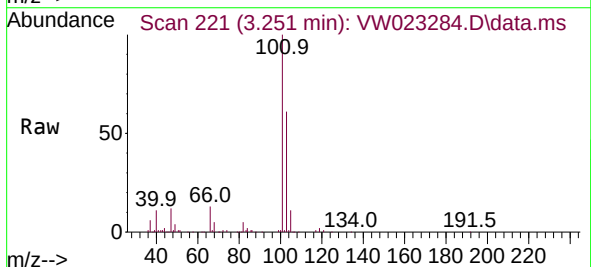
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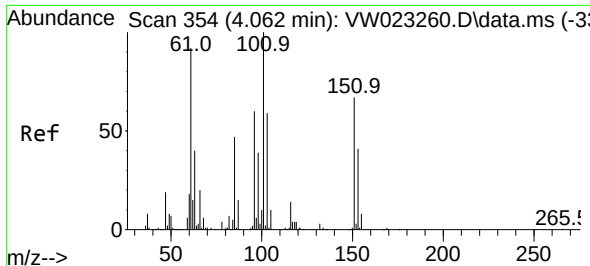
Tgt Ion: 64 Resp: 83323
Ion Ratio Lower Upper
64 100
66 32.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.199 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 101 Resp: 56138
Ion Ratio Lower Upper
101 100
103 64.9 53.9 80.9

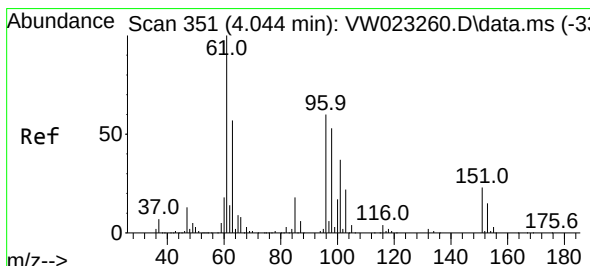
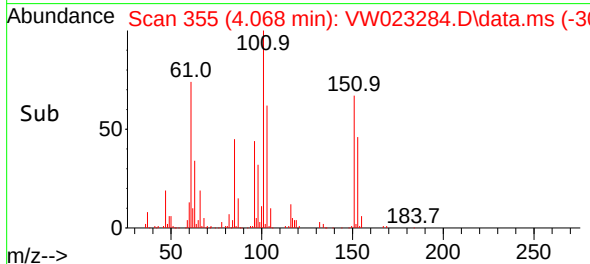
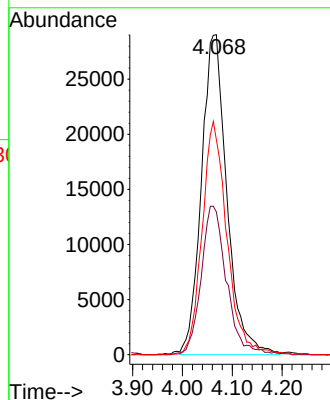
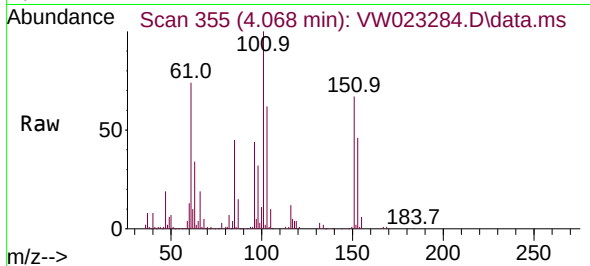




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.595 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW023284.D
 Acq: 24 May 2022 20:01

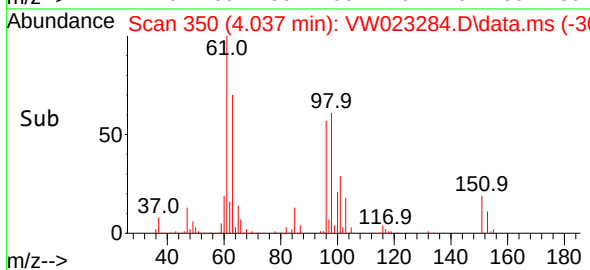
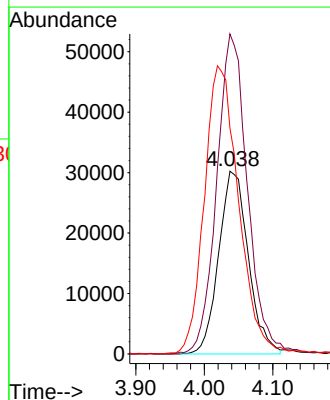
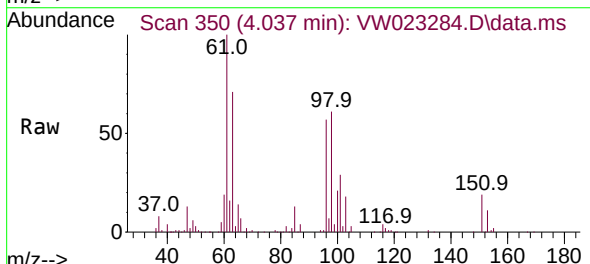
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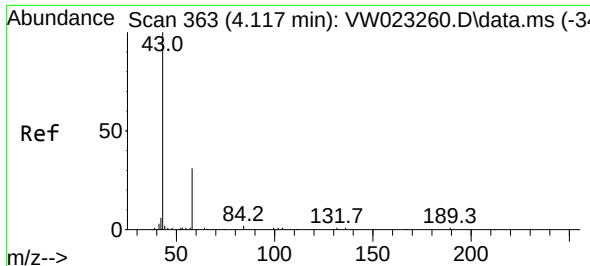
Tgt Ion:101 Resp: 103162
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.3 51.5
 151 69.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.425 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023284.D
 Acq: 24 May 2022 20:01

Tgt Ion: 96 Resp: 90791
 Ion Ratio Lower Upper
 96 100
 61 175.1 125.7 233.5
 63 123.5 83.4 155.0

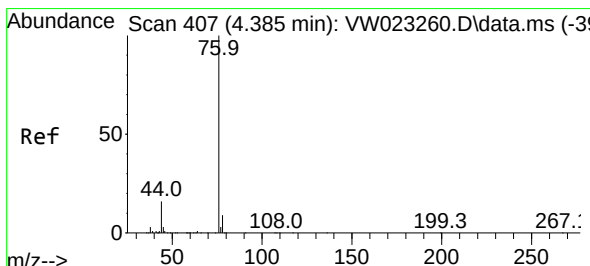
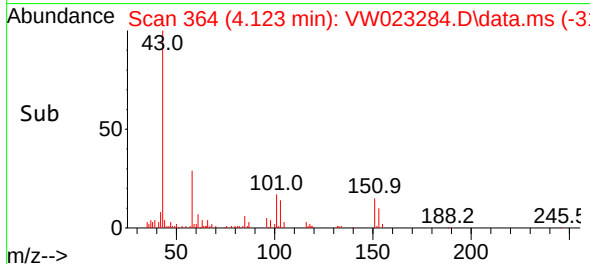
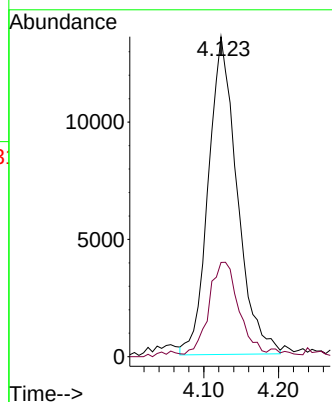
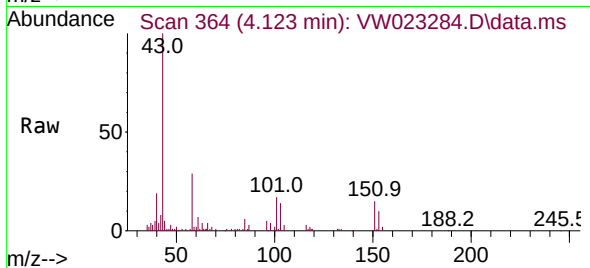




#13
Acetone
Concen: 41.027 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

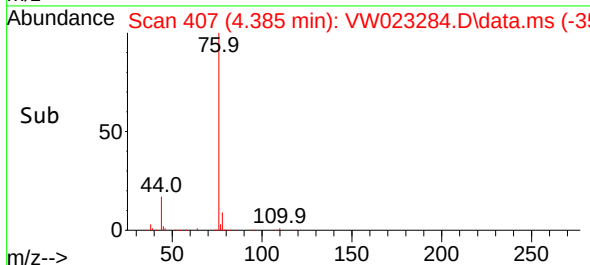
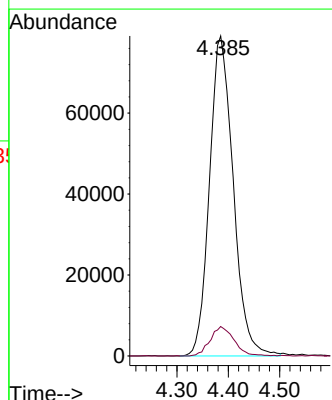
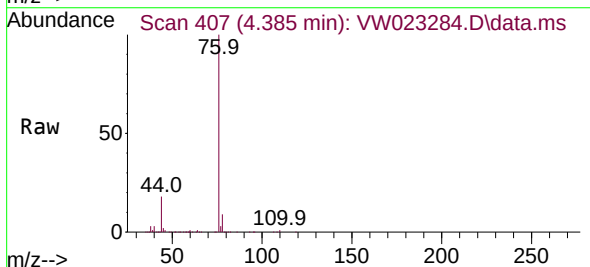
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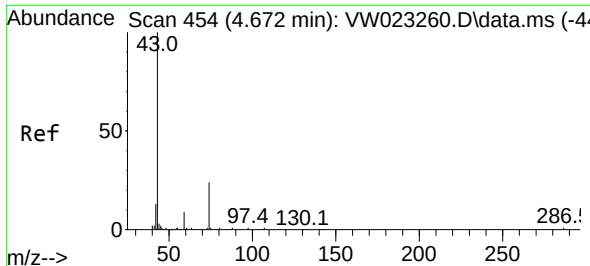
Tgt Ion: 43 Resp: 36260
Ion Ratio Lower Upper
43 100
58 31.4 0.0 64.0



#14
Carbon disulfide
Concen: 23.853 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 76 Resp: 253457
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

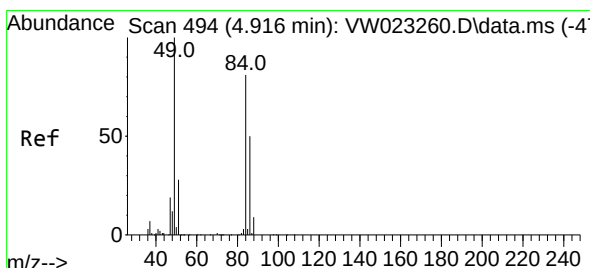
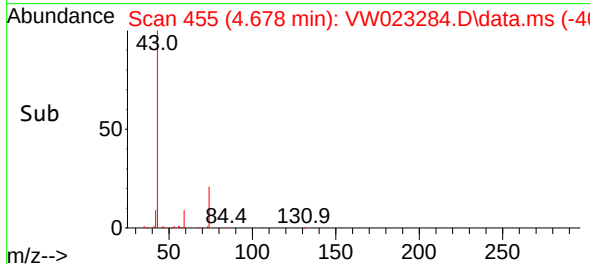
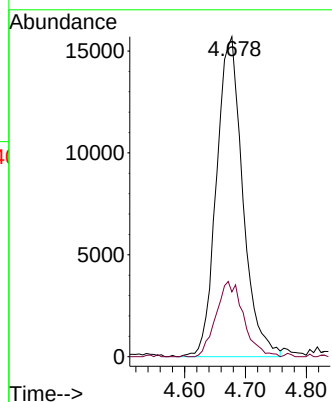
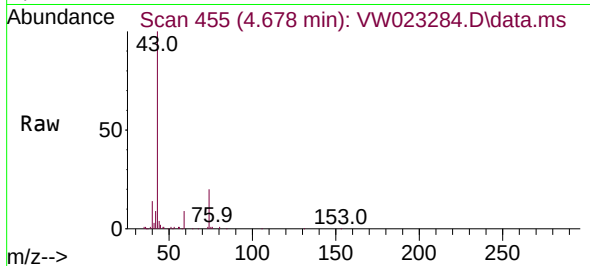




#15
Methyl Acetate
Concen: 26.558 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

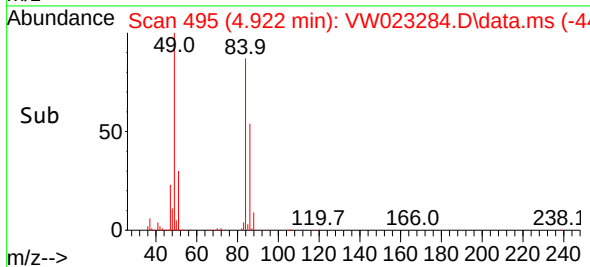
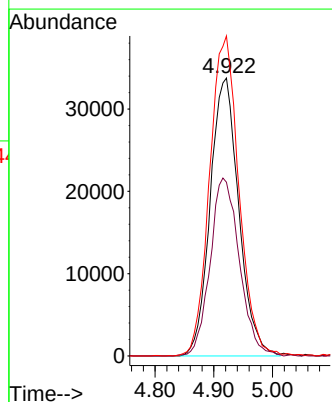
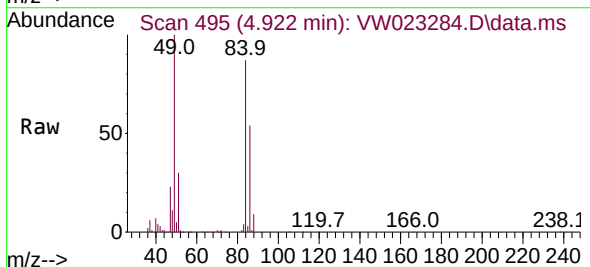
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

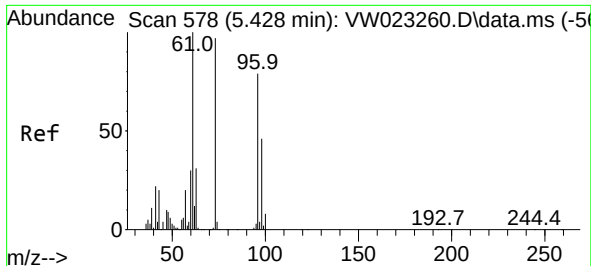
Tgt Ion: 43 Resp: 47155
Ion Ratio Lower Upper
43 100
74 24.2 21.9 32.9



#16
Methylene chloride
Concen: 25.817 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 84 Resp: 114320
Ion Ratio Lower Upper
84 100
86 62.5 45.4 84.4
49 115.2 82.5 153.1

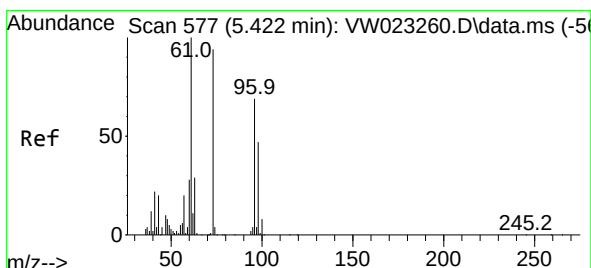
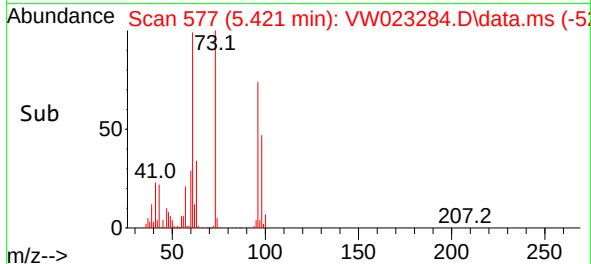
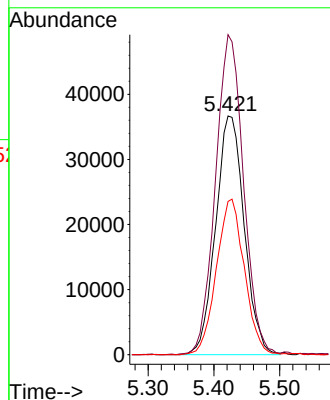
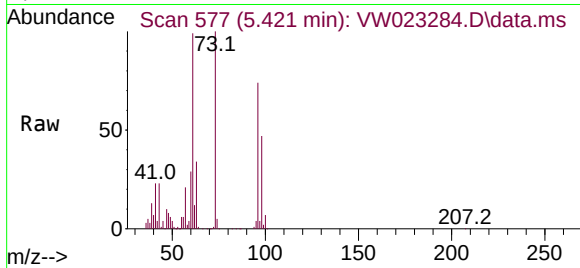




#17
trans-1,2-Dichloroethene
Concen: 25.389 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

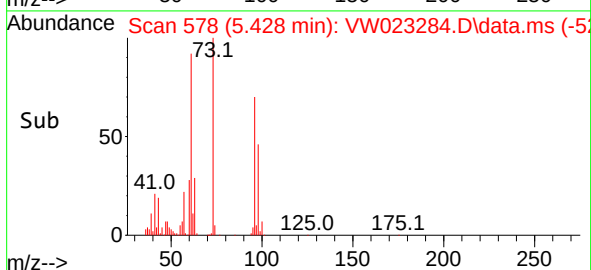
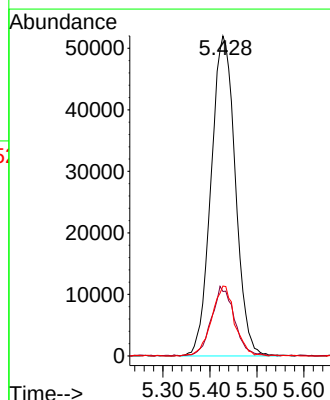
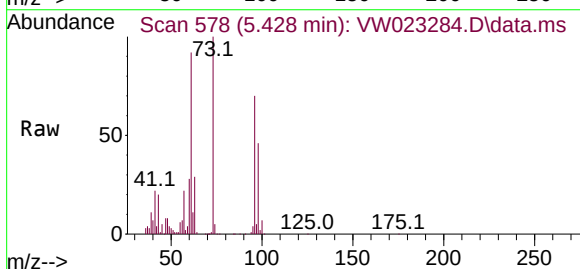
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

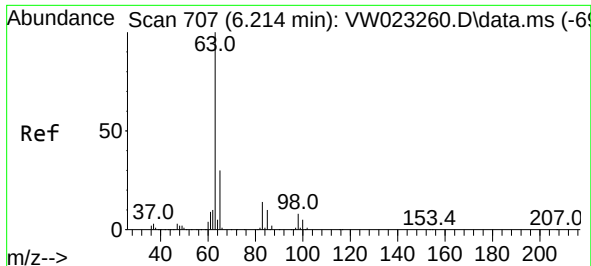
Tgt Ion: 96 Resp: 110737
Ion Ratio Lower Upper
96 100
61 134.0 92.2 171.2
98 64.2 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 27.992 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 73 Resp: 186381
Ion Ratio Lower Upper
73 100
43 20.0 15.9 23.9
57 20.5 16.5 24.7

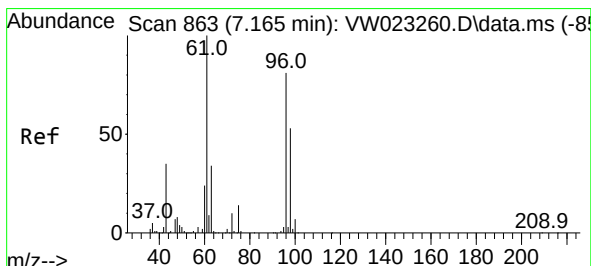
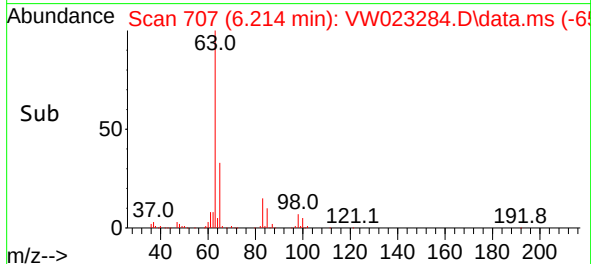
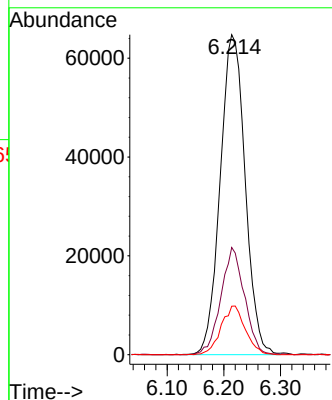
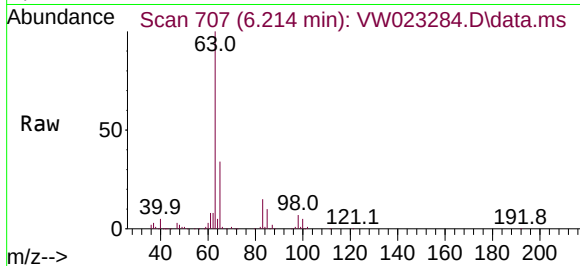




#19
1,1-Dichloroethane
Concen: 26.775 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

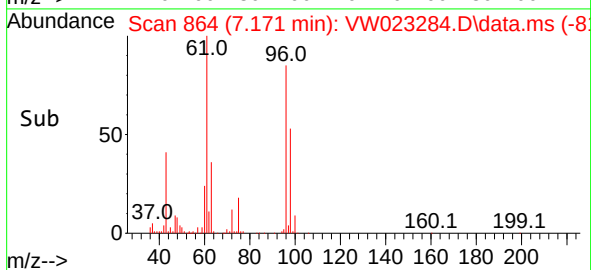
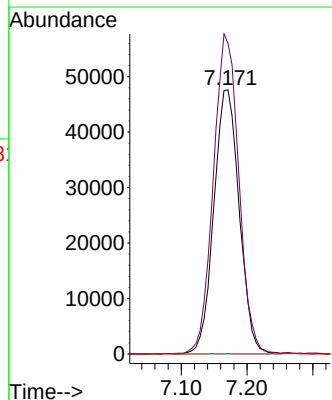
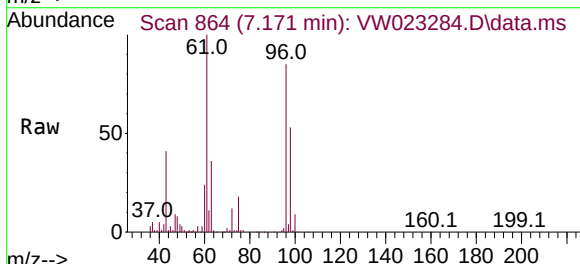
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

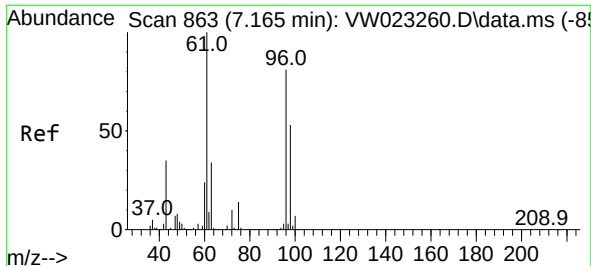
Tgt Ion: 63 Resp: 197931
Ion Ratio Lower Upper
63 100
65 33.5 23.3 43.3
83 15.1 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 27.347 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 96 Resp: 128117
Ion Ratio Lower Upper
96 100
61 117.6 84.2 156.4
68 0.3 0.1 0.1#

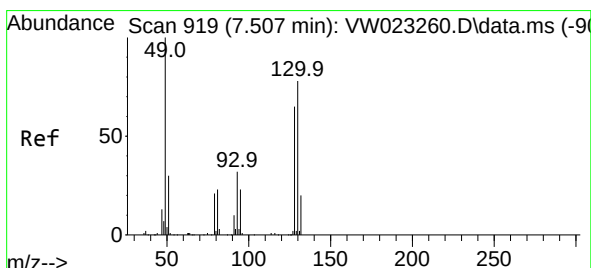
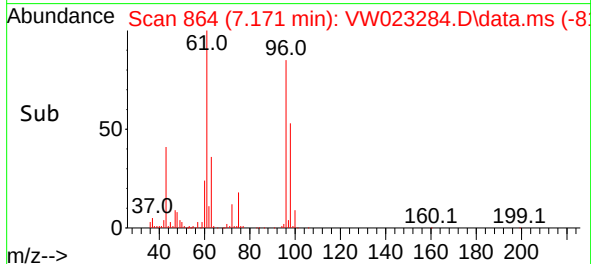
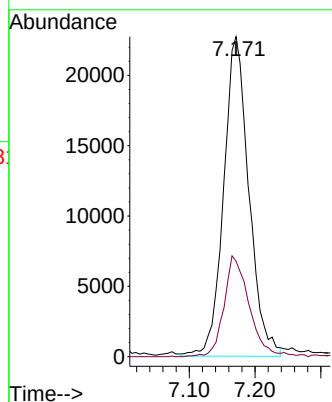
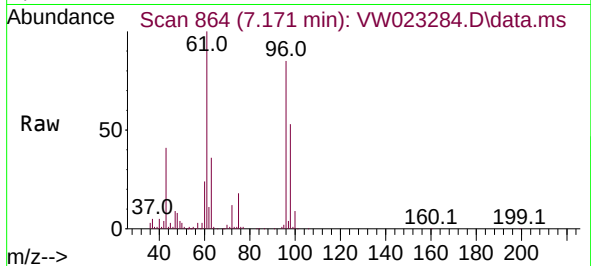




#22
2-Butanone
Concen: 49.161 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

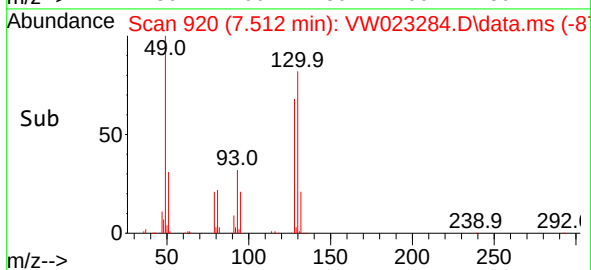
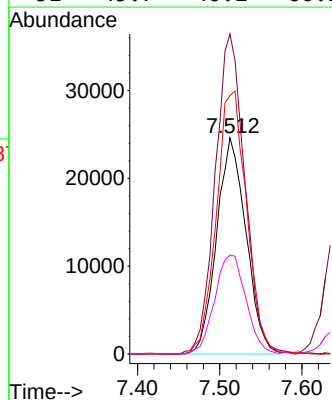
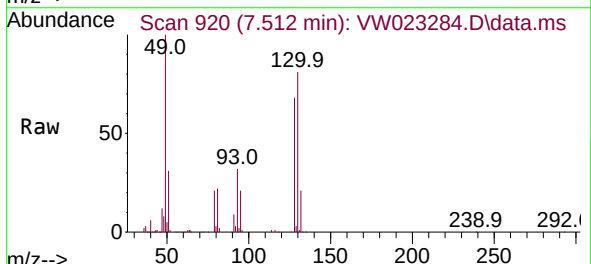
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

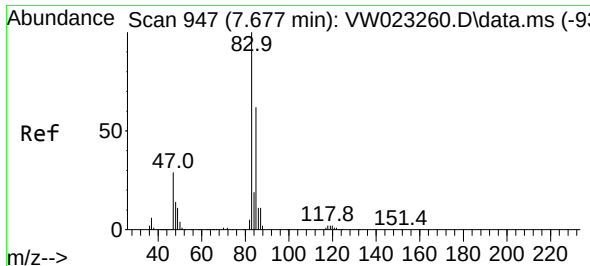
Tgt Ion: 43 Resp: 60762
Ion Ratio Lower Upper
43 100
72 30.7 15.1 45.3



#23
Bromochloromethane
Concen: 27.847 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 128 Resp: 61097
Ion Ratio Lower Upper
128 100
49 148.1 110.0 204.4
130 119.6 94.8 176.0
51 45.7 40.2 60.2

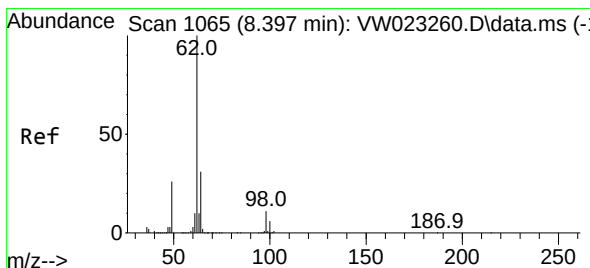
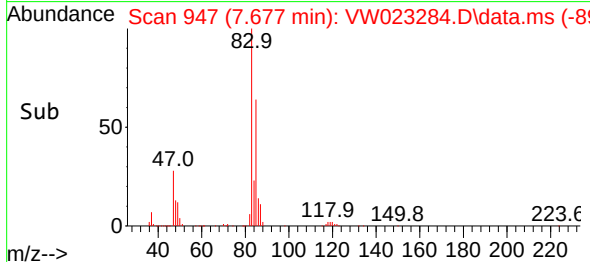
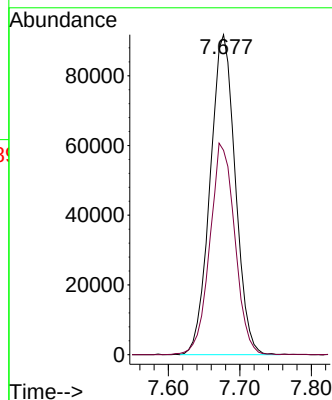
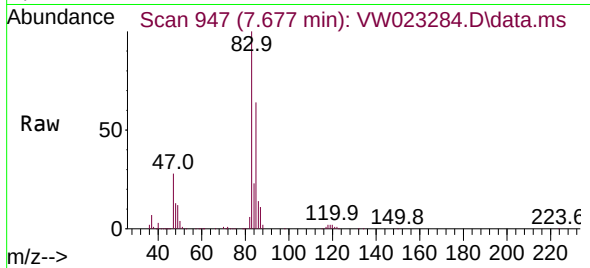




#25
Chloroform
Concen: 27.455 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

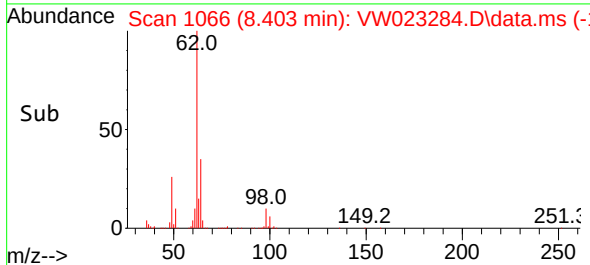
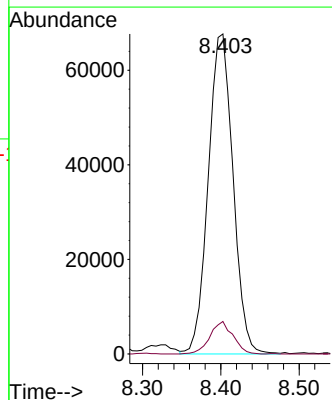
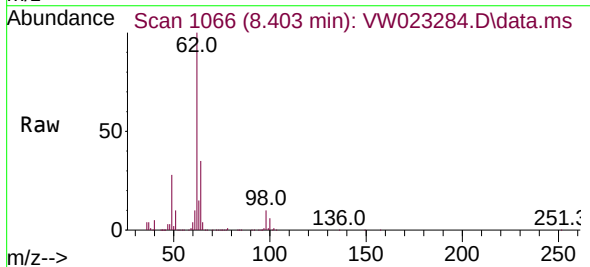
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

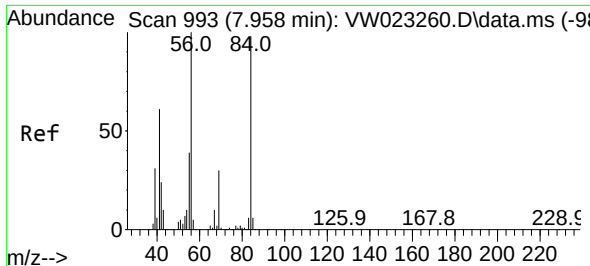
Tgt Ion: 83 Resp: 224423
Ion Ratio Lower Upper
83 100
85 63.8 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.310 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

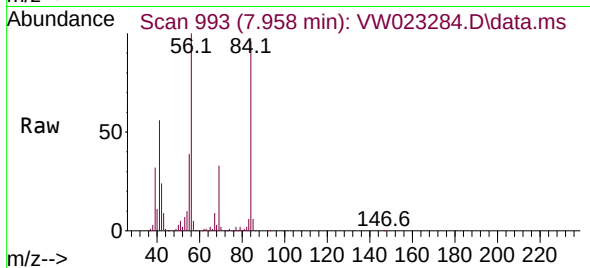
Tgt Ion: 62 Resp: 148806
Ion Ratio Lower Upper
62 100
98 10.2 7.2 10.8



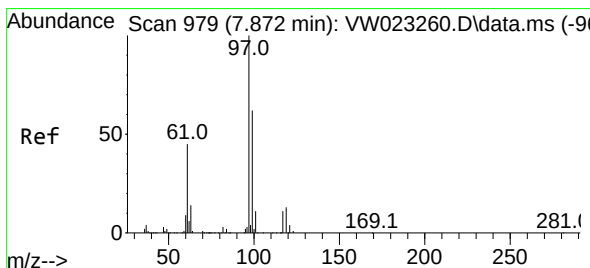
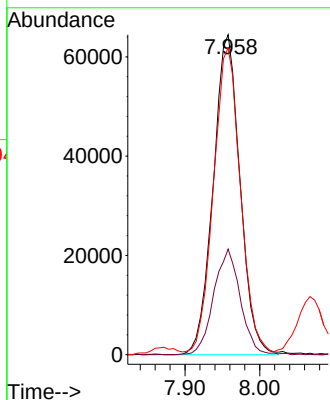
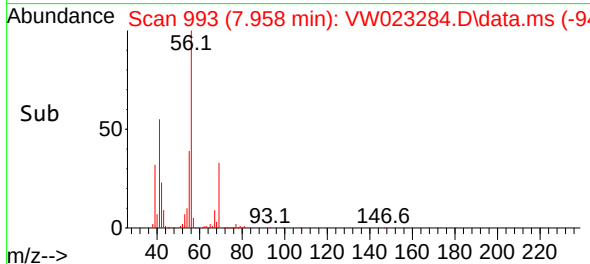


#29
Cyclohexane
Concen: 24.122 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

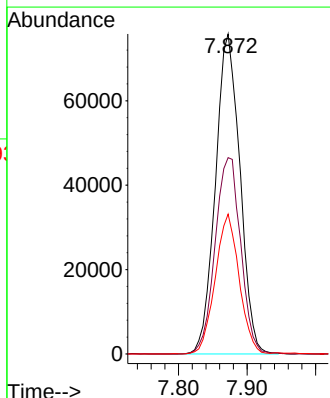
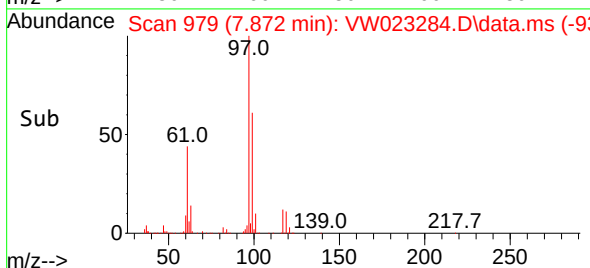
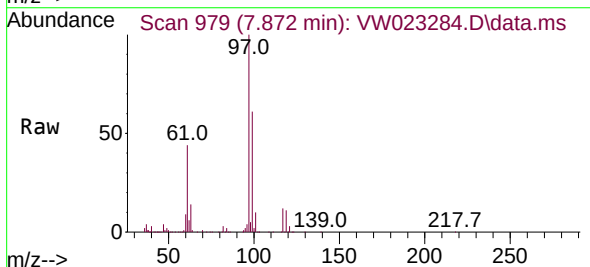


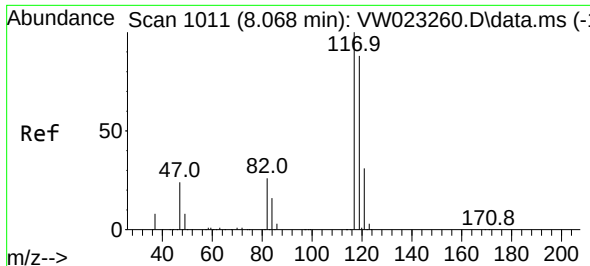
Tgt Ion: 56 Resp: 160732
Ion Ratio Lower Upper
56 100
69 32.7 25.6 38.4
84 96.9 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 25.836 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 97 Resp: 188109
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 42.7 34.8 52.2

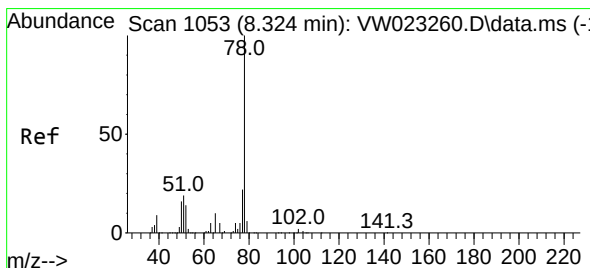
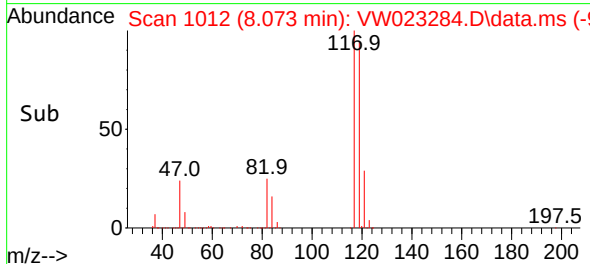
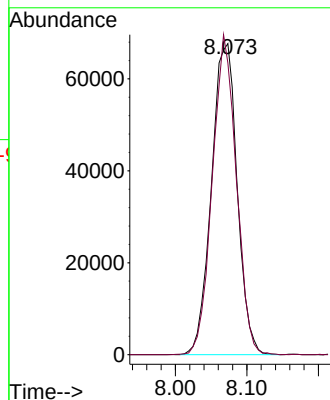
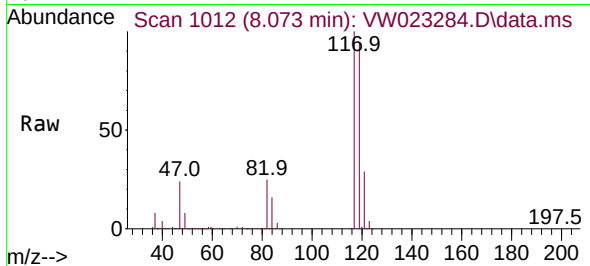




#31
Carbon tetrachloride
Concen: 24.832 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

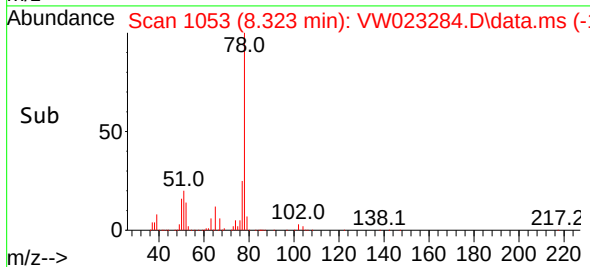
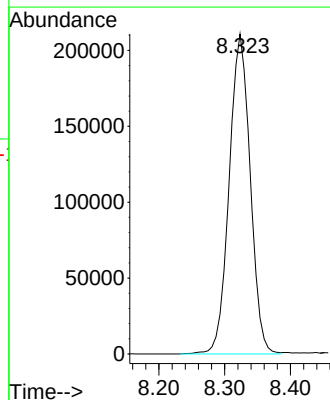
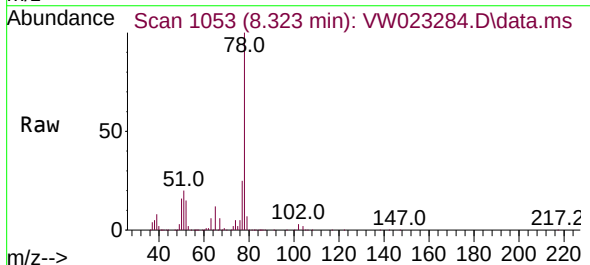
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

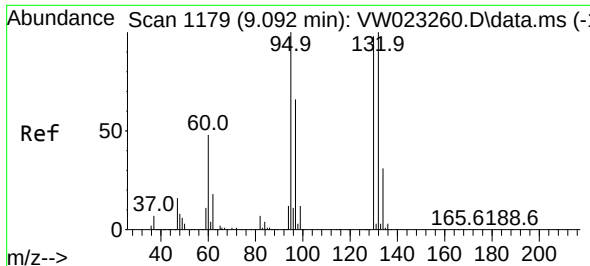
Tgt Ion:117 Resp: 169127
Ion Ratio Lower Upper
117 100
119 95.9 76.6 115.0



#33
Benzene
Concen: 25.857 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 78 Resp: 469306

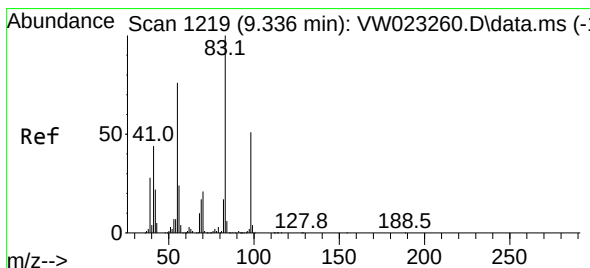
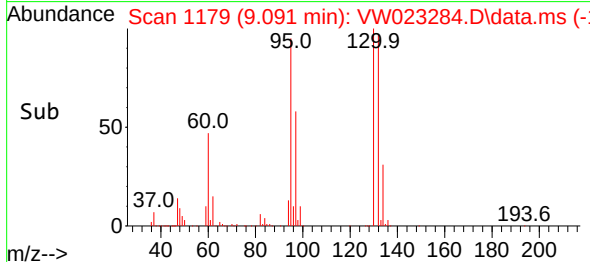
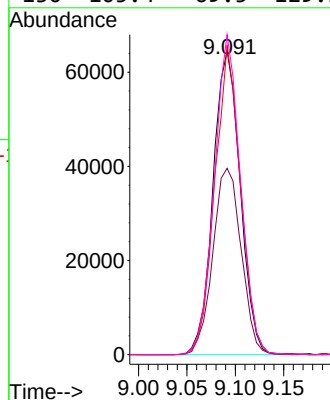
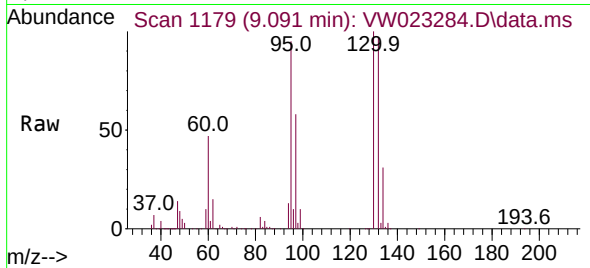




#34
Trichloroethene
Concen: 25.177 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

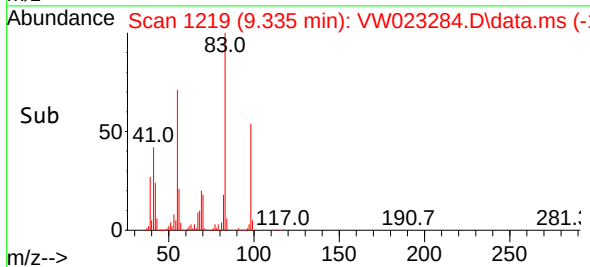
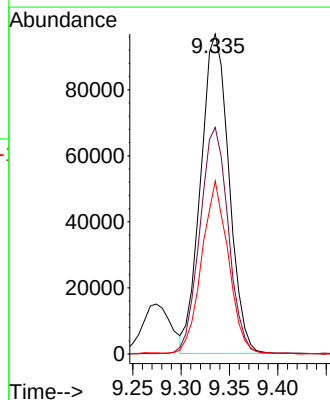
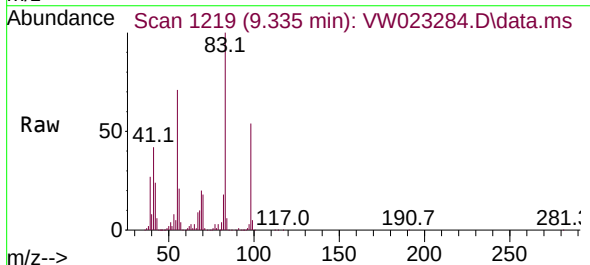
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

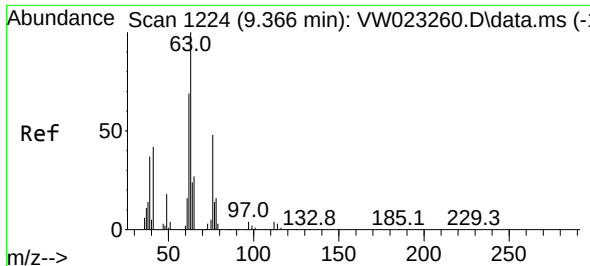
Tgt Ion: 95 Resp: 125671
Ion Ratio Lower Upper
95 100
97 61.4 46.1 85.7
132 101.8 66.9 124.3
130 105.4 69.5 129.1



#35
Methylcyclohexane
Concen: 23.992 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 83 Resp: 196738
Ion Ratio Lower Upper
83 100
55 71.3 55.1 82.7
98 51.4 40.4 60.6

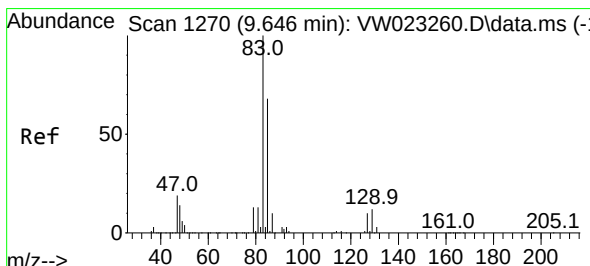
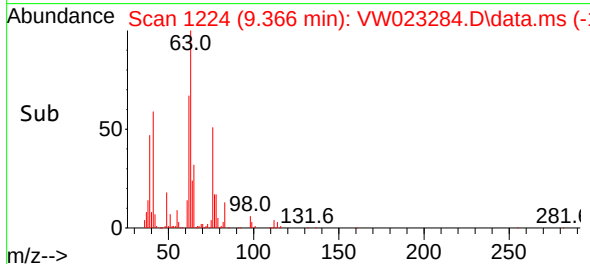
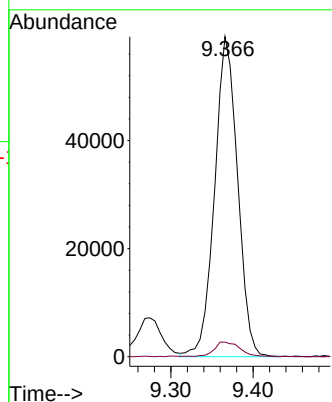
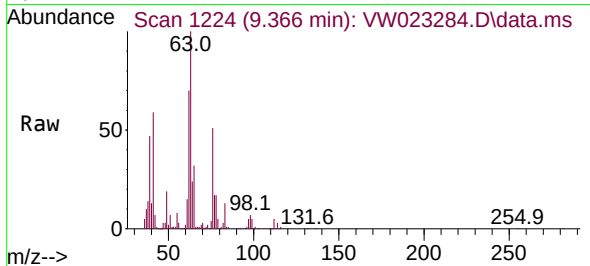




#37
1,2-Dichloropropane
Concen: 26.202 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

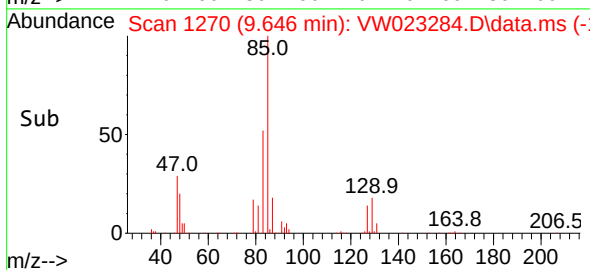
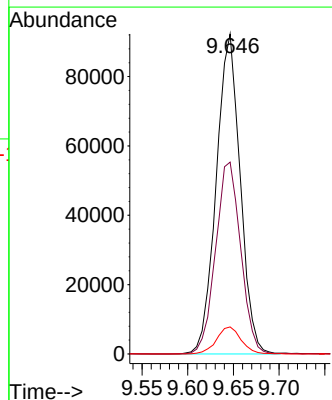
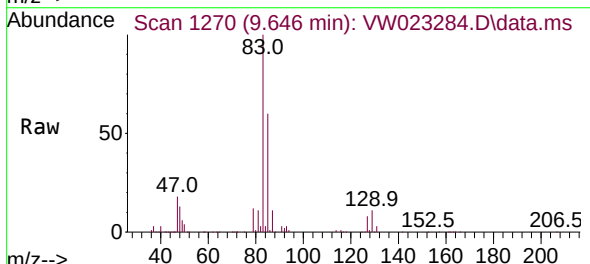
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

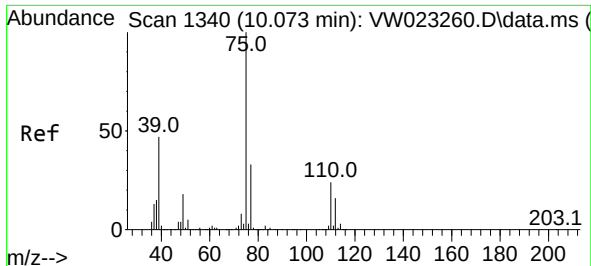
Tgt Ion: 63 Resp: 115087
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.8



#38
Bromodichloromethane
Concen: 26.999 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 83 Resp: 168438
Ion Ratio Lower Upper
83 100
85 59.9 43.5 80.7
127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.511 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

Instrument :

MSVOA_W

ClientSampleId :

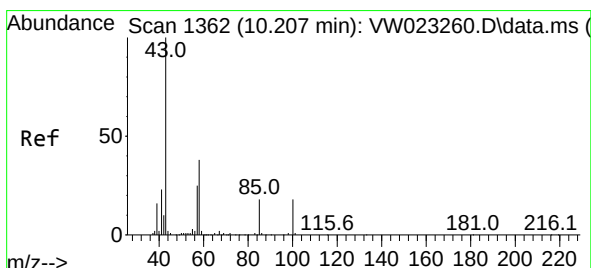
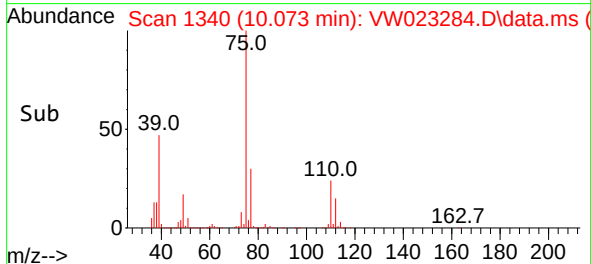
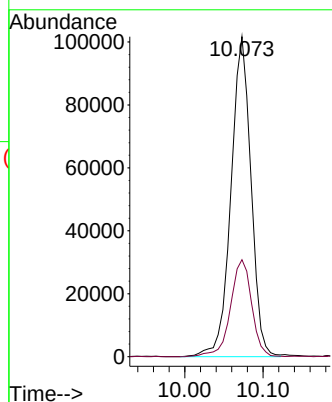
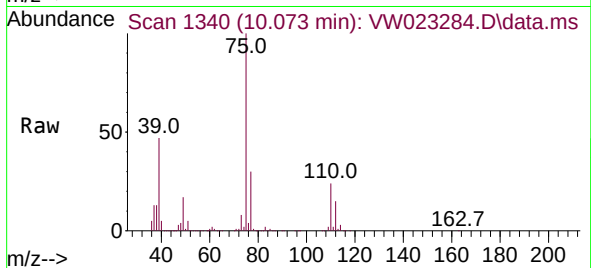
VSTD025549

Tgt Ion: 75 Resp: 180556

Ion Ratio Lower Upper

75 100

77 30.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 51.597 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

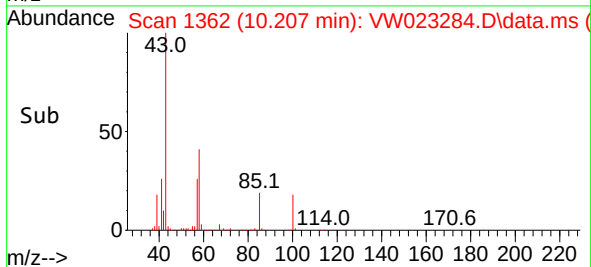
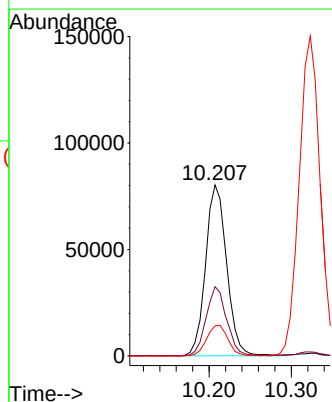
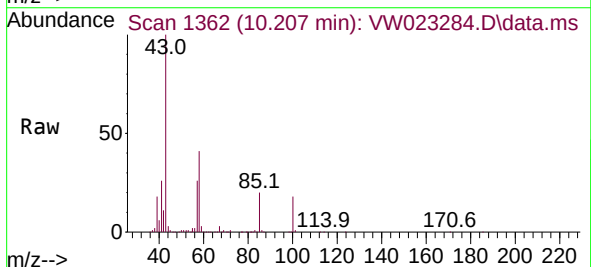
Tgt Ion: 43 Resp: 142845

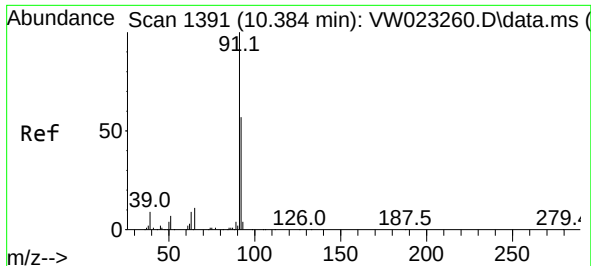
Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.2

100 18.1 14.2 21.4

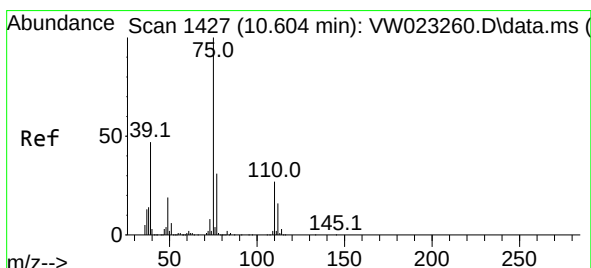
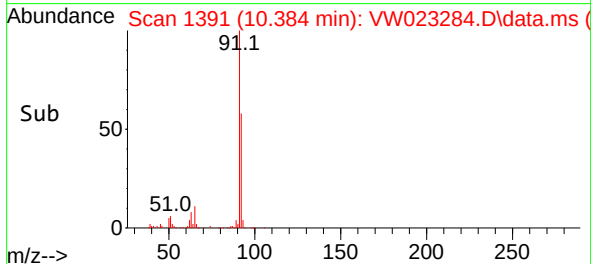
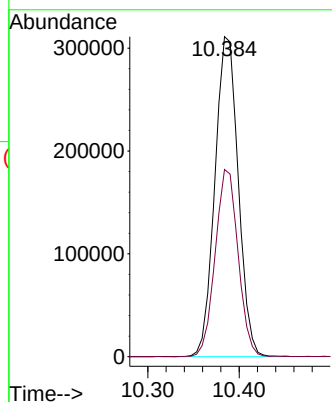
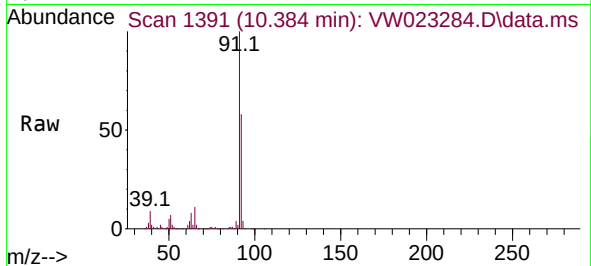




#42
Toluene
Concen: 27.169 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

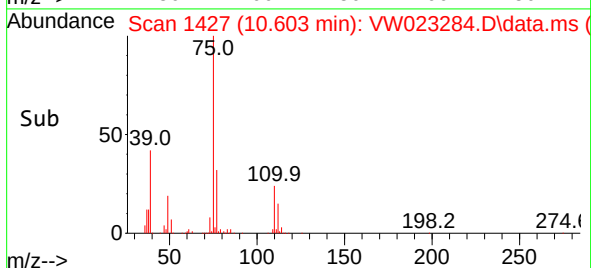
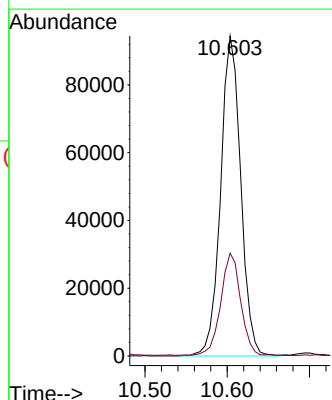
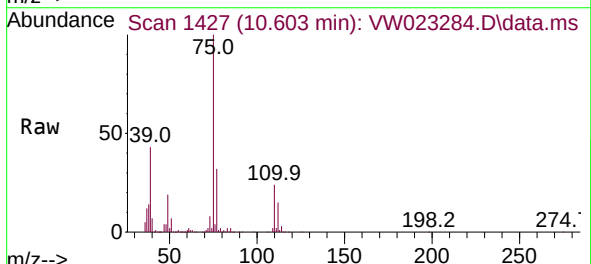
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

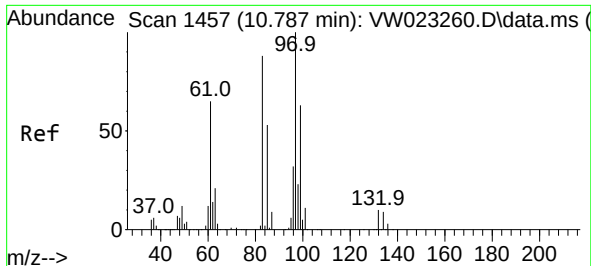
Tgt Ion: 91 Resp: 552650
Ion Ratio Lower Upper
91 100
92 58.5 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 26.449 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 75 Resp: 160780
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.845 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

Tgt Ion: 97 Resp: 98572

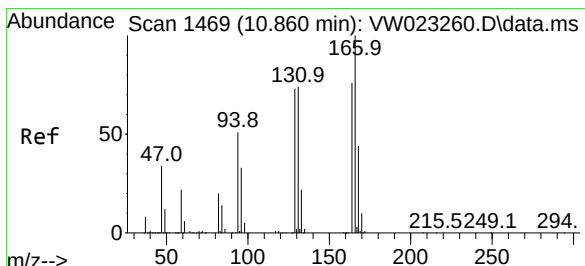
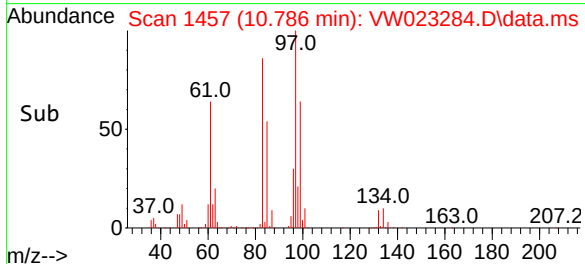
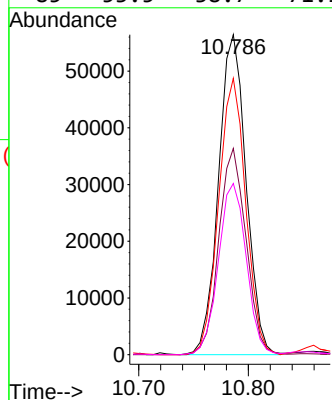
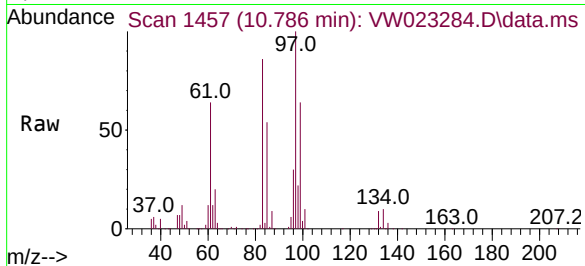
Ion Ratio Lower Upper

97 100

99 64.5 44.7 82.9

83 86.3 58.4 108.4

85 53.5 38.7 71.9



#46

Tetrachloroethene

Concen: 26.589 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

Tgt Ion:164 Resp: 99742

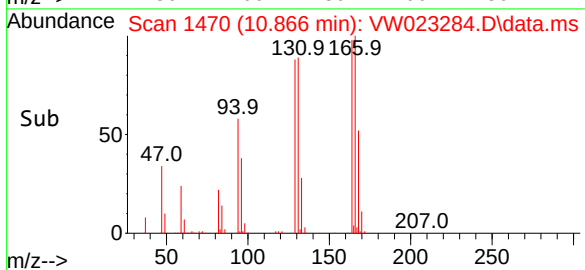
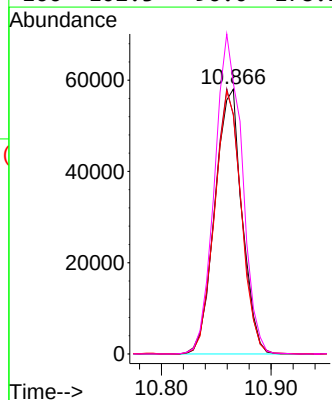
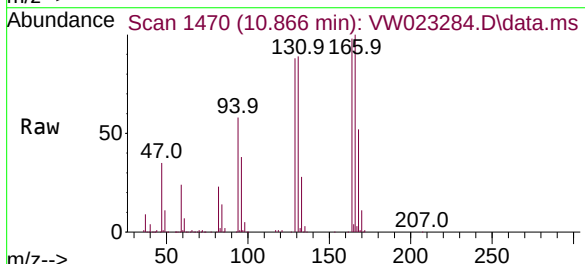
Ion Ratio Lower Upper

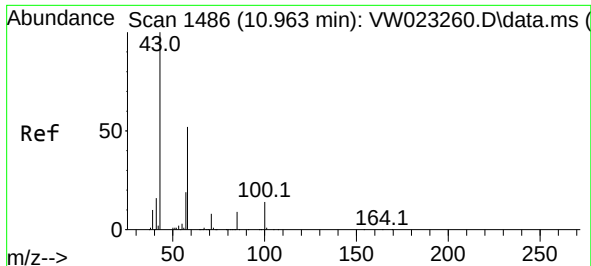
164 100

129 90.2 76.9 142.7

131 90.6 75.1 139.5

166 102.3 96.0 178.2

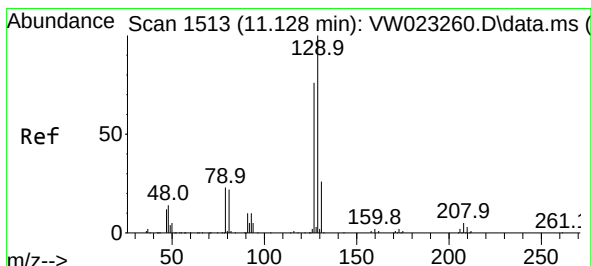
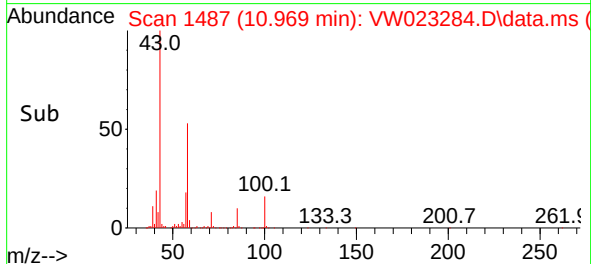
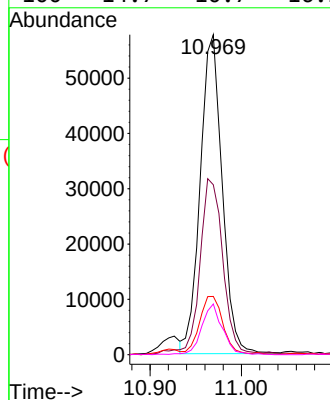
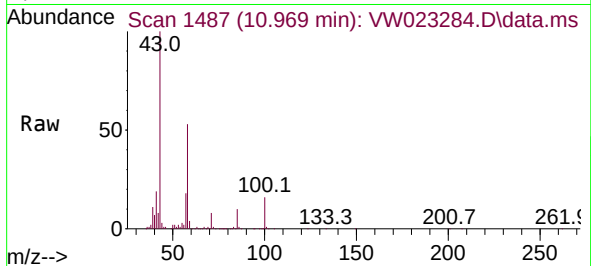




#48
2-Hexanone
Concen: 52.063 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

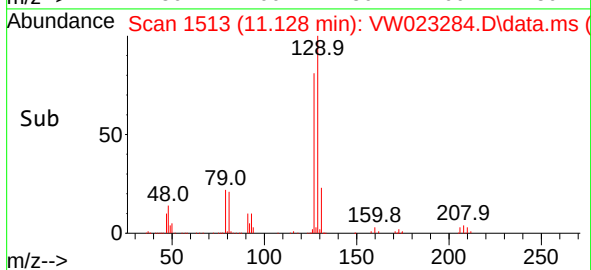
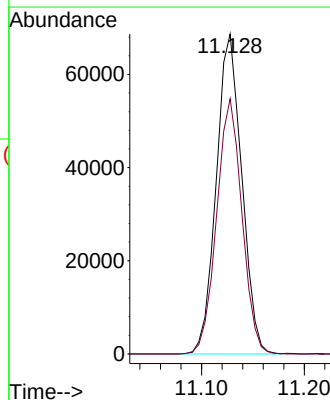
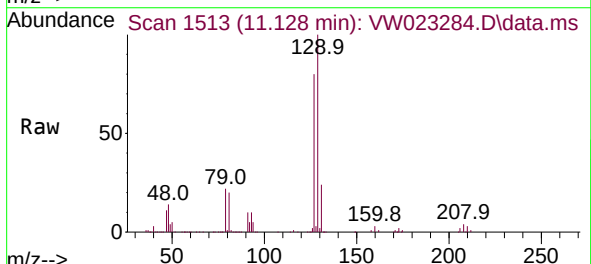
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

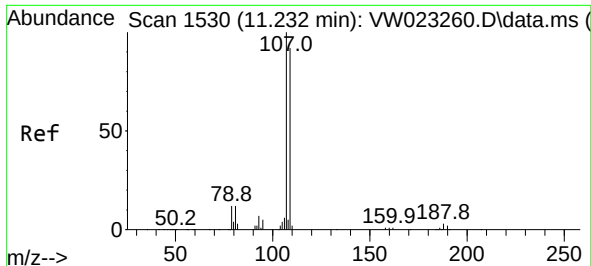
Tgt Ion: 43	Resp: 96305
Ion Ratio	Lower Upper
43 100	
58 58.0	45.9 68.9
57 19.3	16.2 24.2
100 14.7	10.7 16.1



#49
Dibromochloromethane
Concen: 26.724 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion:129	Resp: 118100
Ion Ratio	Lower Upper
129 100	
127 79.7	53.8 100.0





#50

1,2-Dibromoethane

Concen: 27.024 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

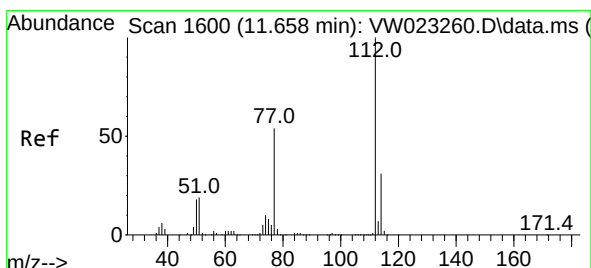
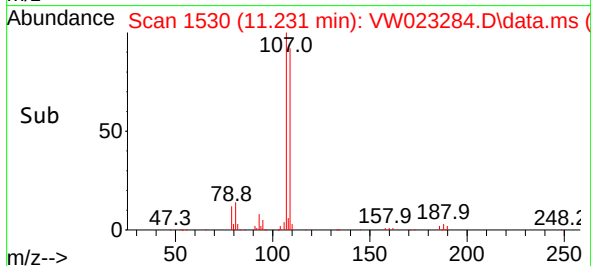
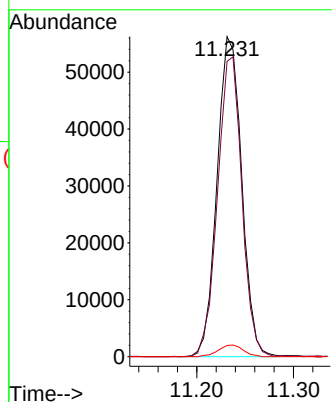
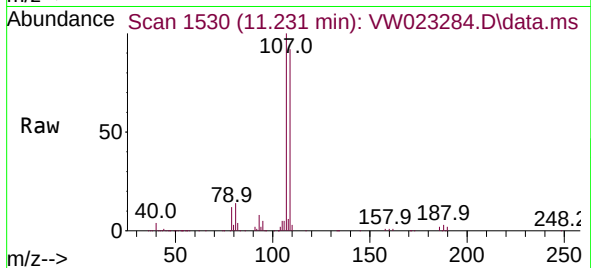
Tgt Ion:107 Resp: 99637

Ion Ratio Lower Upper

107 100

109 92.3 67.5 125.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 27.306 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

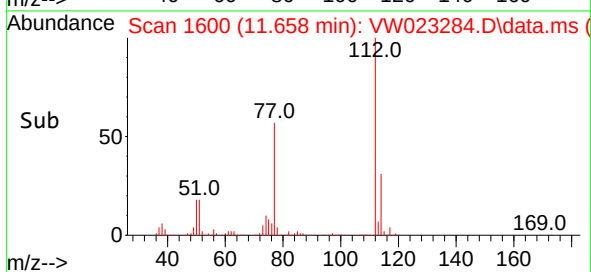
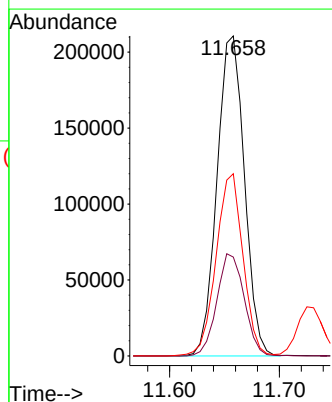
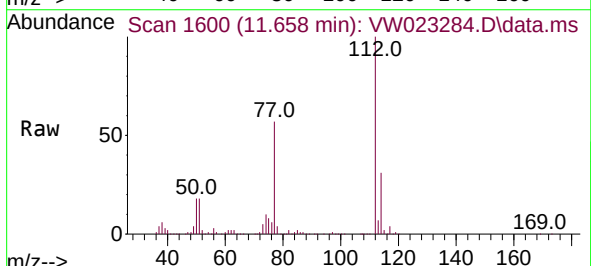
Tgt Ion:112 Resp: 366169

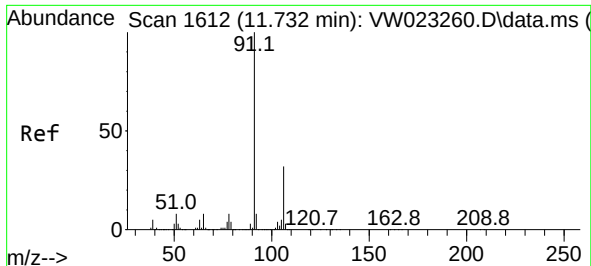
Ion Ratio Lower Upper

112 100

114 30.9 22.0 41.0

77 56.9 42.6 63.8

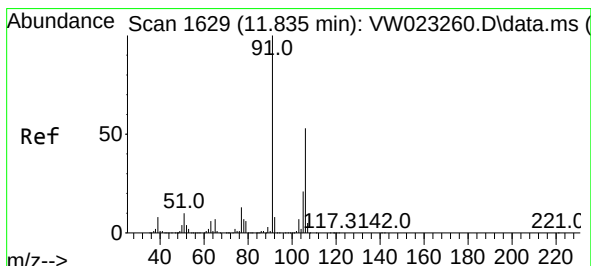
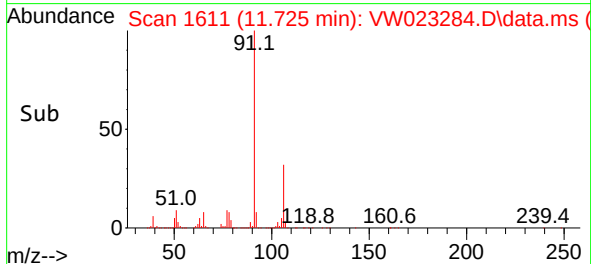
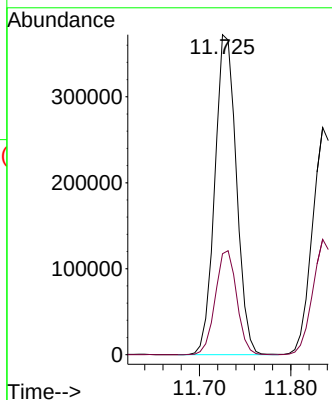
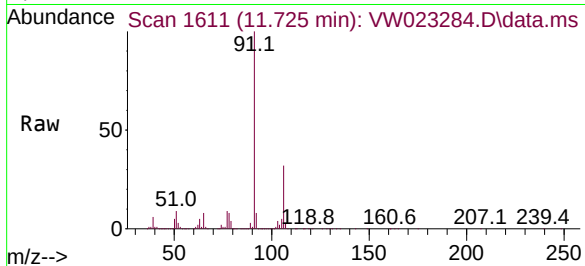




#52
Ethylbenzene
Concen: 26.946 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

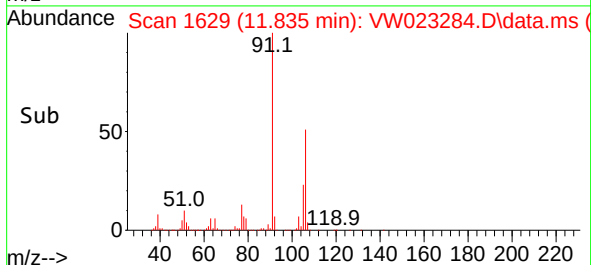
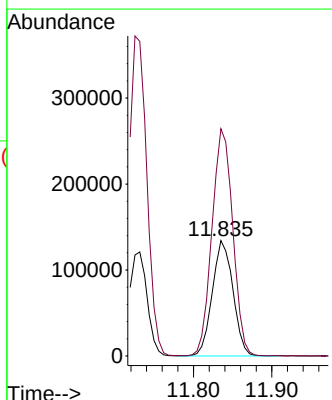
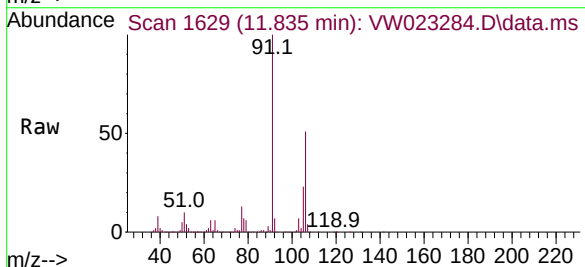
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

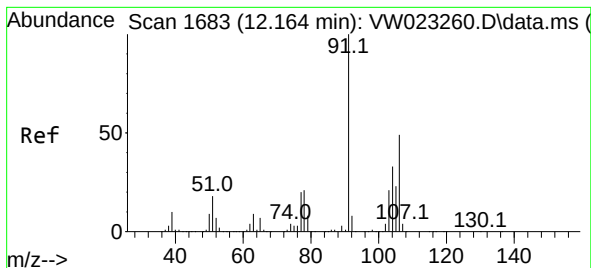
Tgt Ion: 91 Resp: 609793
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 27.621 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 106 Resp: 246286
Ion Ratio Lower Upper
106 100
91 196.8 136.8 254.0

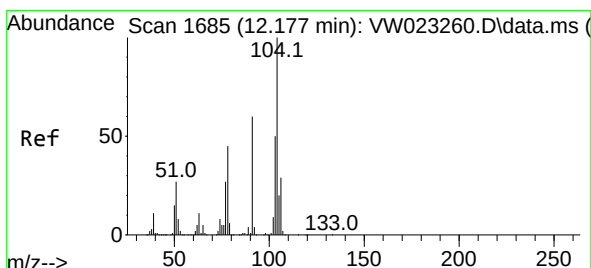
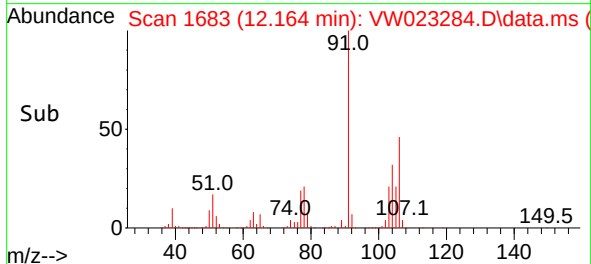
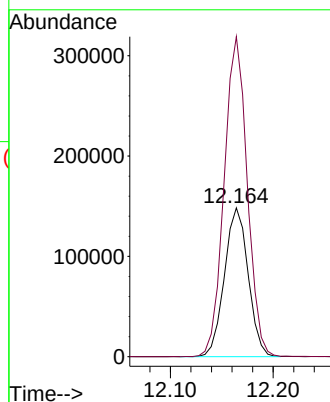
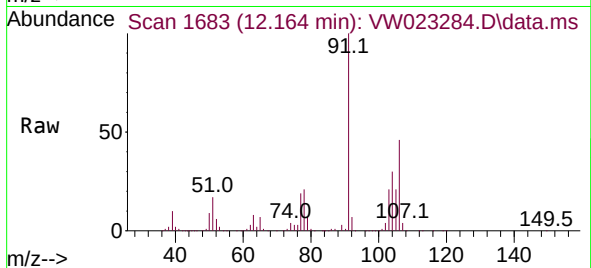




#54
o-Xylene
Concen: 27.806 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

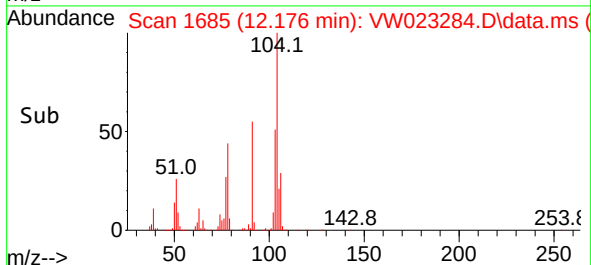
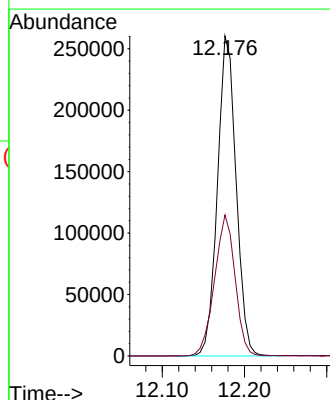
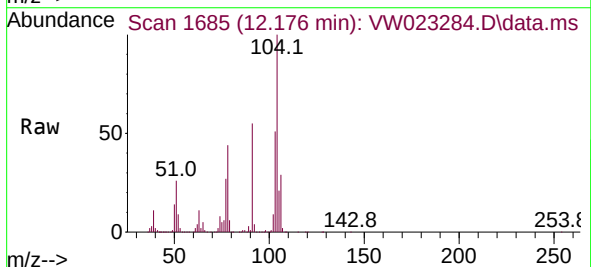
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

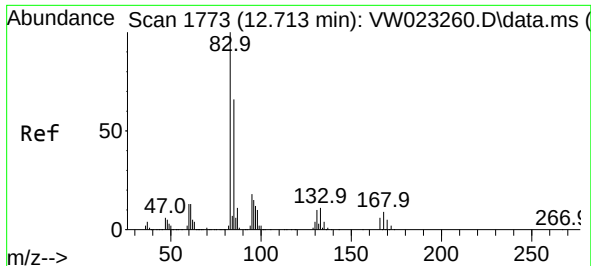
Tgt Ion:106 Resp: 237925
Ion Ratio Lower Upper
106 100
91 215.1 147.2 273.4



#55
Styrene
Concen: 28.278 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion:104 Resp: 411145
Ion Ratio Lower Upper
104 100
78 44.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.427 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

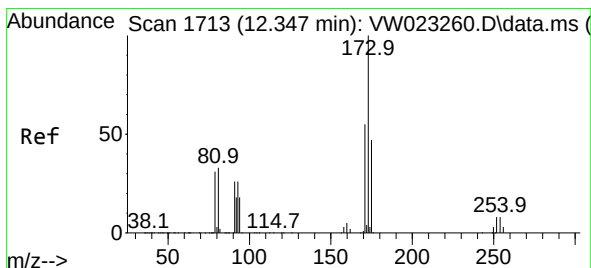
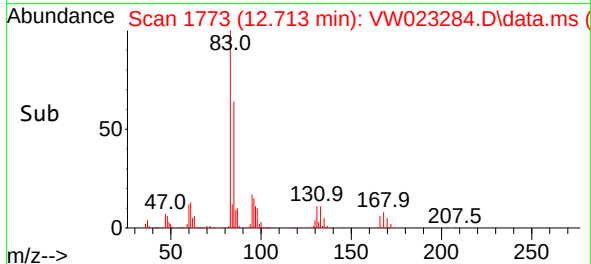
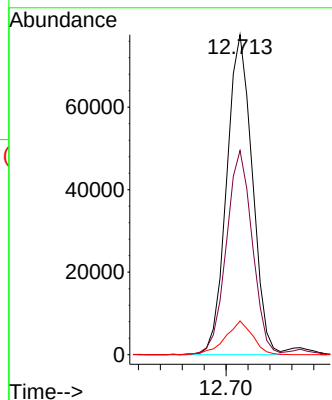
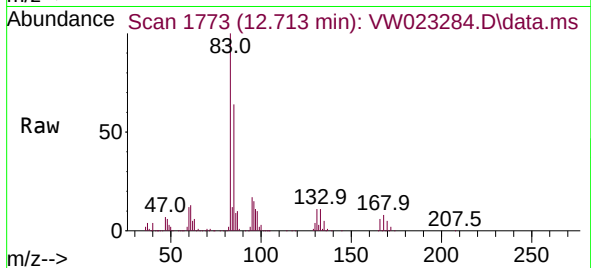
Tgt Ion: 83 Resp: 125784

Ion Ratio Lower Upper

83 100

85 63.8 47.5 88.1

131 10.5 8.7 13.1



#59

Bromoform

Concen: 26.196 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

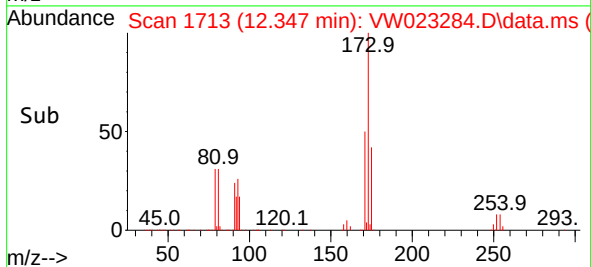
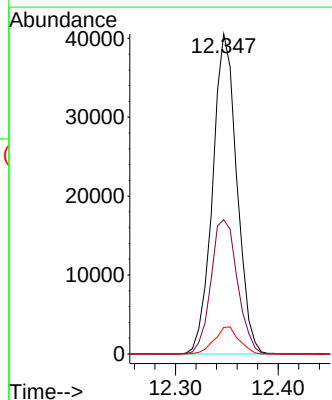
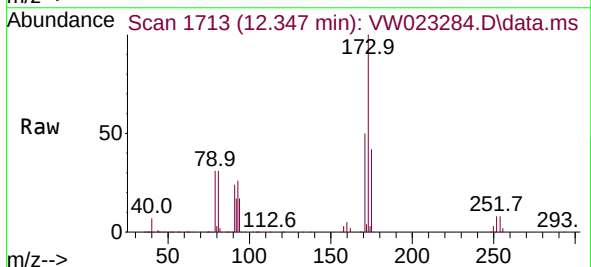
Tgt Ion: 173 Resp: 66443

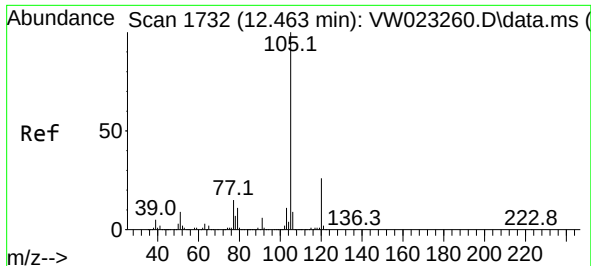
Ion Ratio Lower Upper

173 100

175 45.7 38.1 57.1

254 8.5 6.5 9.7

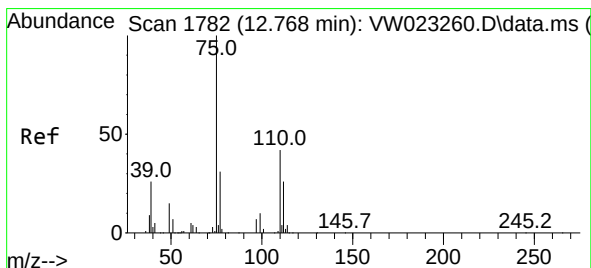
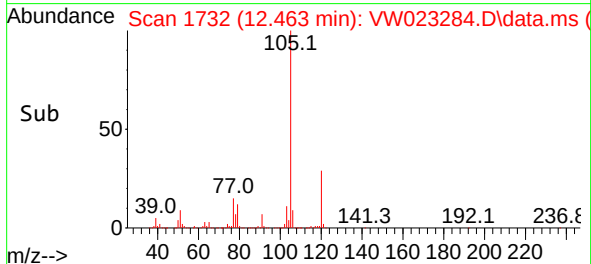
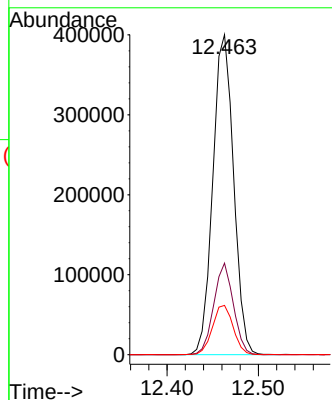
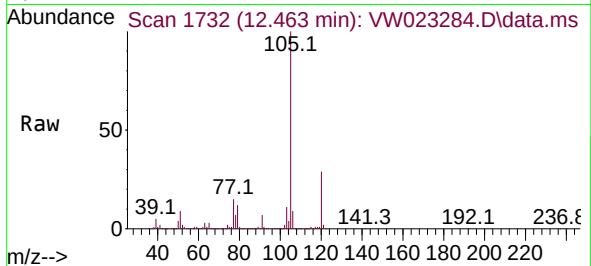




#60
Isopropylbenzene
Concen: 25.721 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

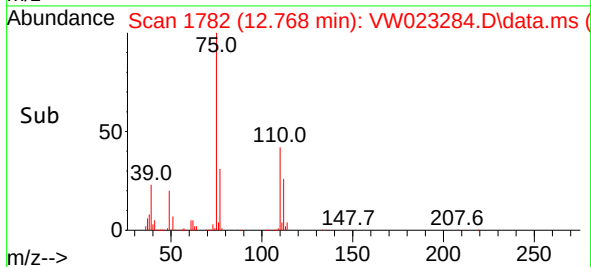
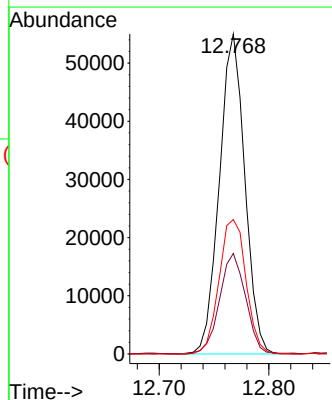
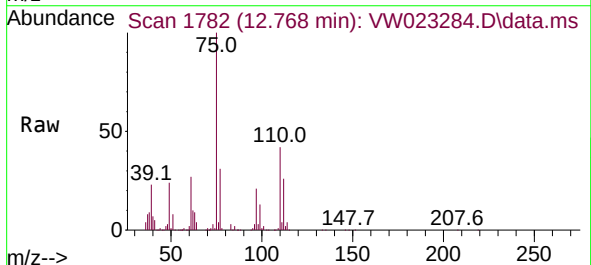
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

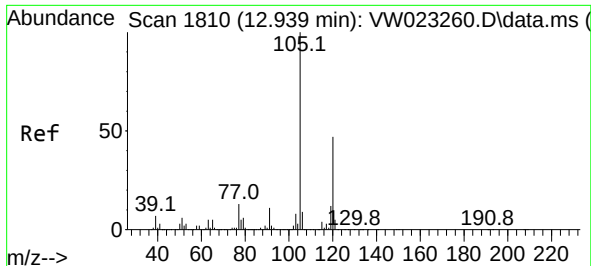
Tgt Ion:105 Resp: 630644
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.820 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion: 75 Resp: 88757
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 44.5 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 25.897 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

Instrument :

MSVOA_W

ClientSampleId :

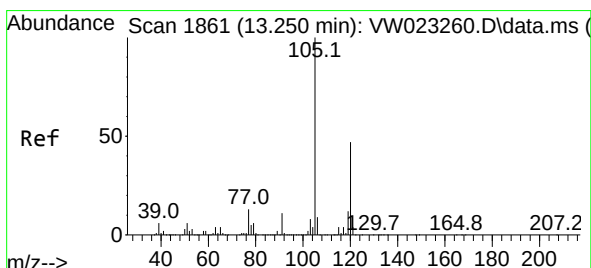
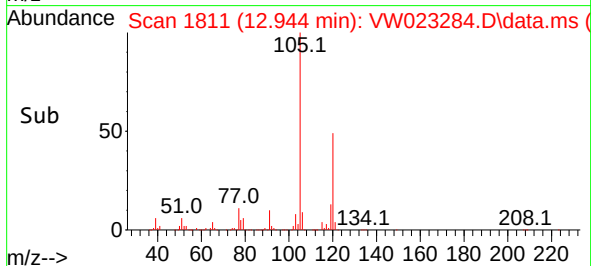
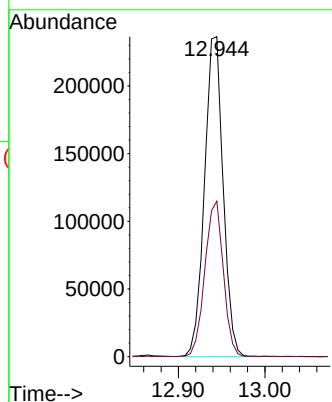
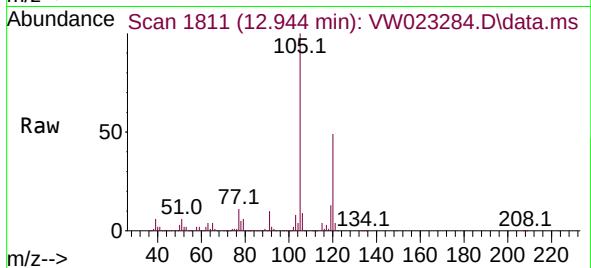
VSTD025549

Tgt Ion:105 Resp: 353253

Ion Ratio Lower Upper

105 100

120 48.2 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 26.383 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023284.D

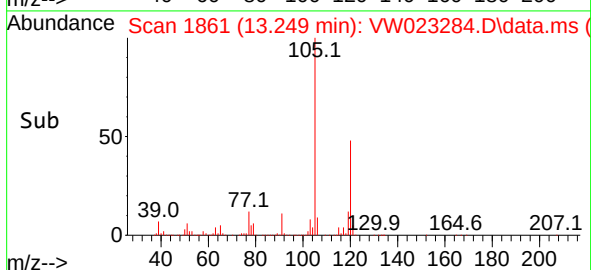
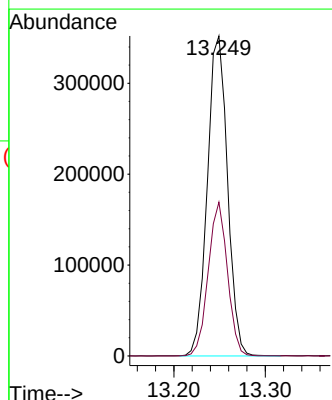
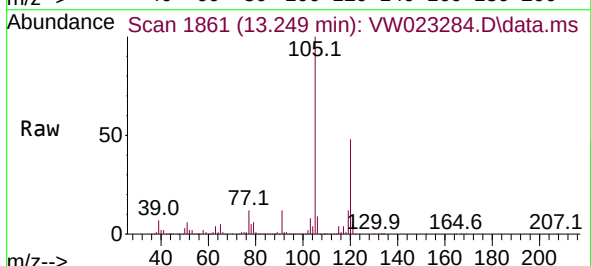
Acq: 24 May 2022 20:01

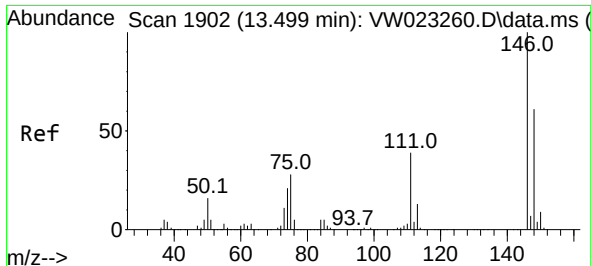
Tgt Ion:105 Resp: 540373

Ion Ratio Lower Upper

105 100

120 45.7 37.4 56.2

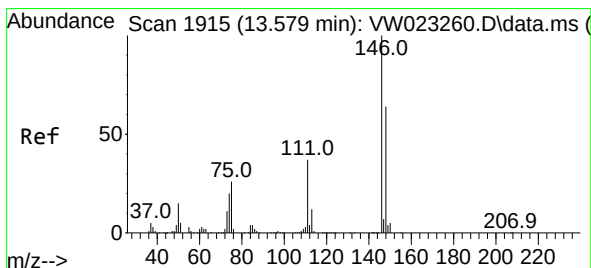
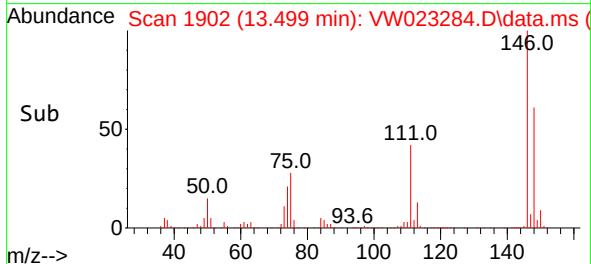
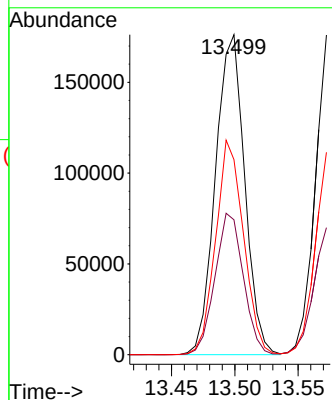
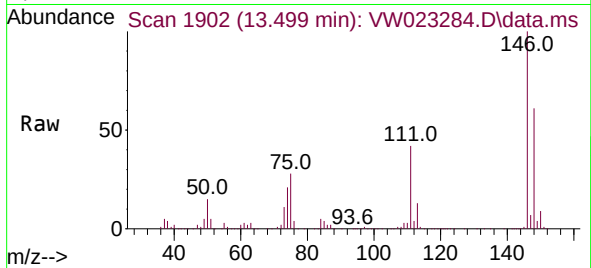




#64
1,3-Dichlorobenzene
Concen: 25.818 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

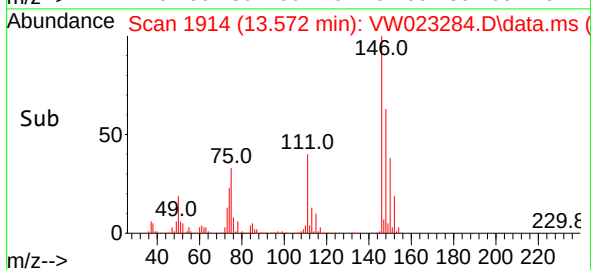
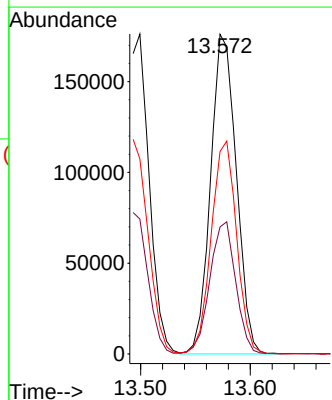
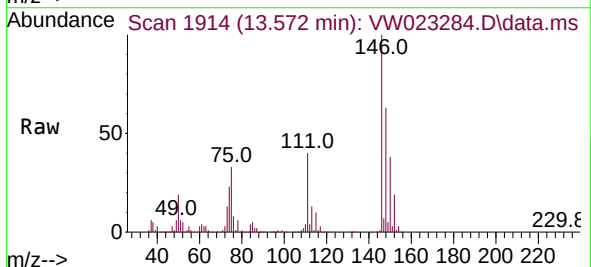
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

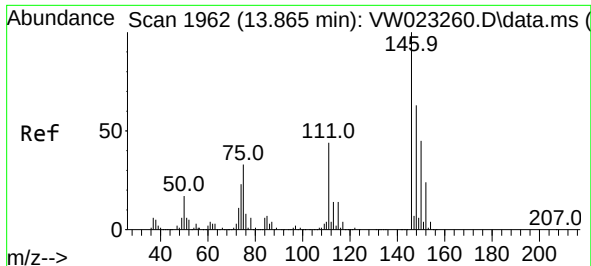
Tgt Ion:146 Resp: 282617
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 61.0 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.435 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

Tgt Ion:146 Resp: 287595
Ion Ratio Lower Upper
146 100
111 39.7 27.2 50.4
148 63.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.946 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

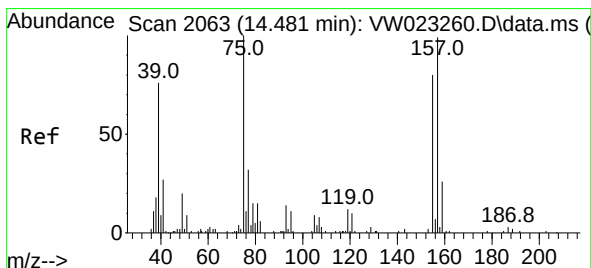
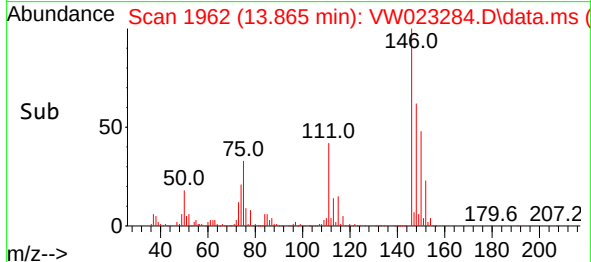
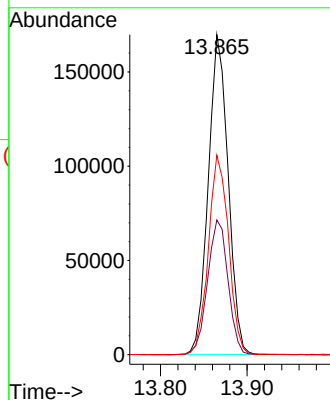
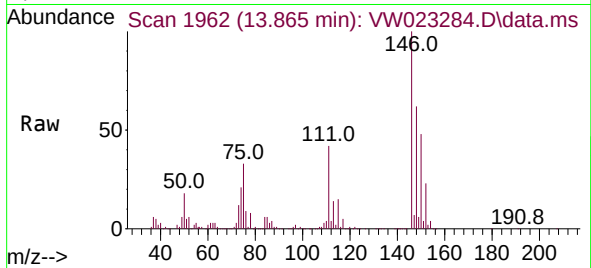
Tgt Ion:146 Resp: 269923

Ion Ratio Lower Upper

146 100

111 42.1 35.7 53.5

148 62.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.394 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

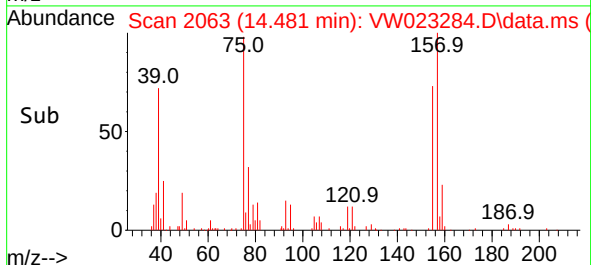
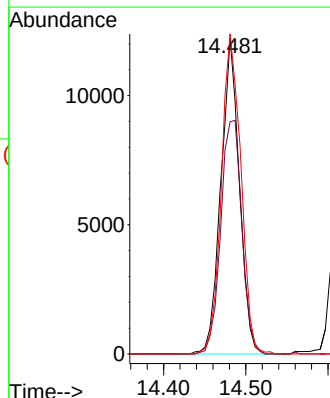
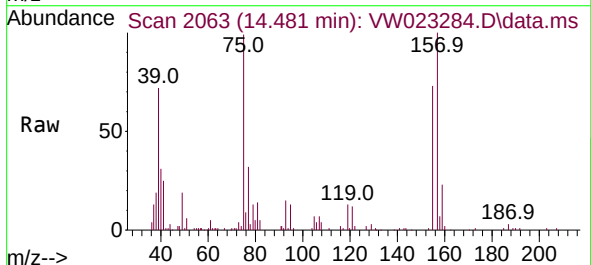
Tgt Ion: 75 Resp: 19065

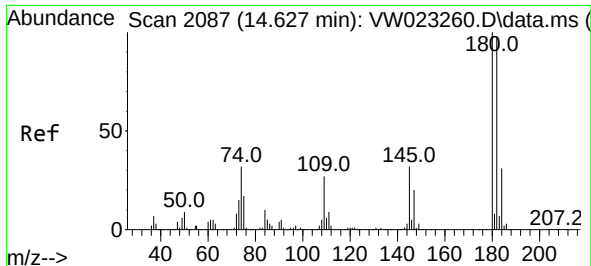
Ion Ratio Lower Upper

75 100

155 73.5 59.3 88.9

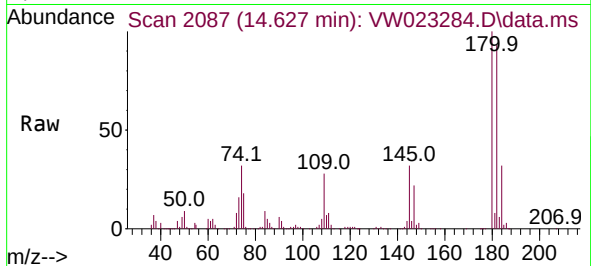
157 101.3 89.8 134.8



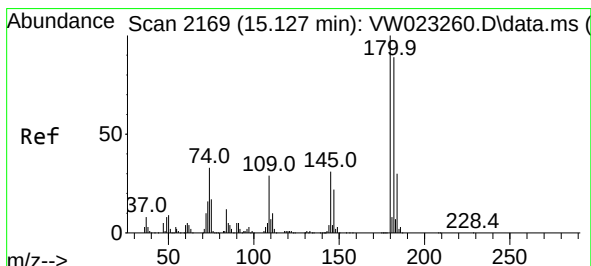
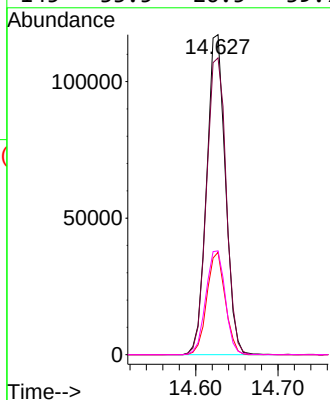
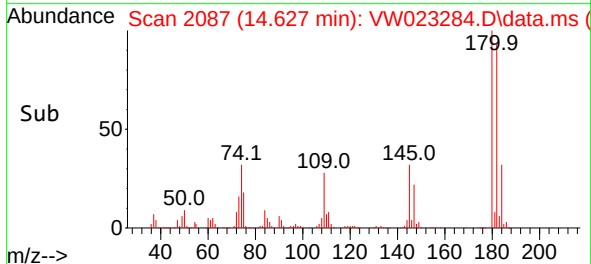


#69
1,3,5-Trichlorobenzene
Concen: 25.601 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01

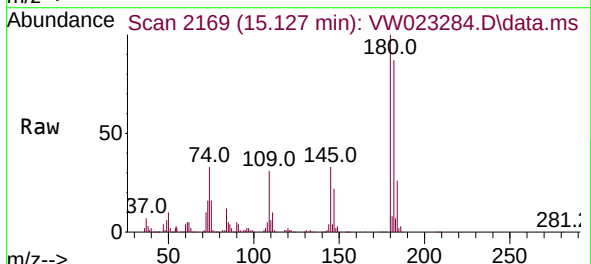
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549



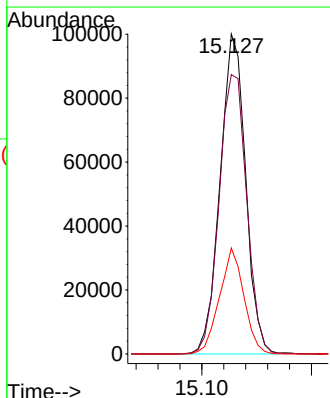
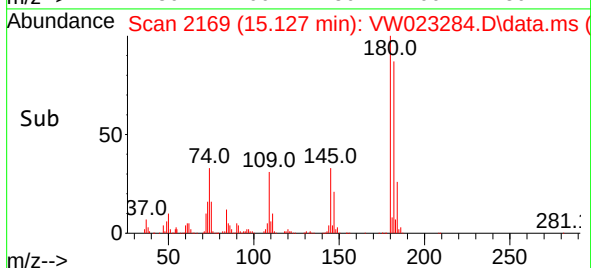
Tgt Ion:180 Resp: 186021
Ion Ratio Lower Upper
180 100
182 97.1 74.8 112.2
184 31.2 23.4 35.2
145 33.5 26.5 39.7

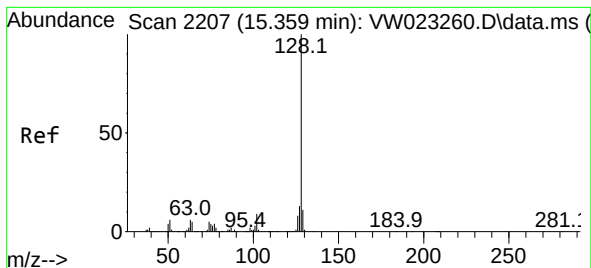


#70
1,2,4-trichlorobenzene
Concen: 27.667 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023284.D
Acq: 24 May 2022 20:01



Tgt Ion:180 Resp: 161713
Ion Ratio Lower Upper
180 100
182 94.5 74.9 112.3
145 31.7 26.6 39.8





#71

Naphthalene

Concen: 28.403 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

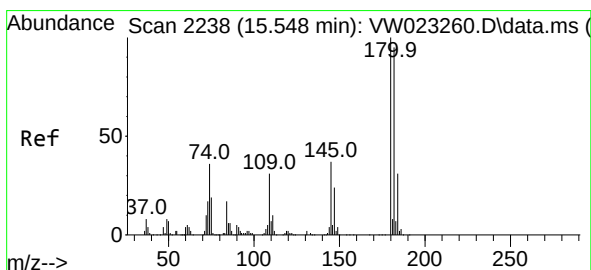
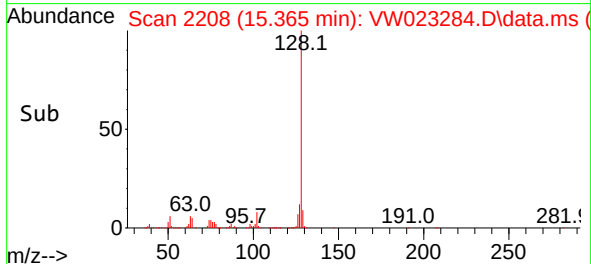
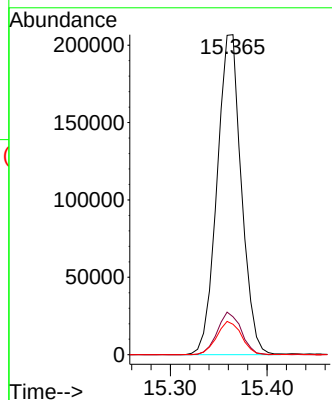
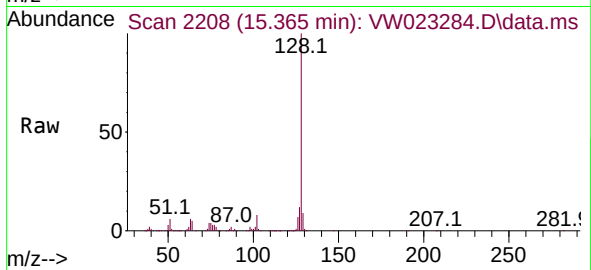
Tgt Ion:128 Resp: 360830

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 28.549 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023284.D

Acq: 24 May 2022 20:01

Tgt Ion:180 Resp: 147898

Ion Ratio Lower Upper

180 100

182 91.1 73.5 110.3

145 33.7 27.9 41.9

