

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023575.D
 Acq On : 07 Jul 2022 15:15
 Operator : SY/VA
 Sample : VSTDCCC25
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: Jul 08 01:39:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 07 15:07:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	338834	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	331128	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	182298	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	146427	23.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.480%
7) Chloroethane-d5	2.879	69	91789	26.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.680%
11) 1,1-Dichloroethene-d2	4.019	63	164066	23.726	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.920%
21) 2-Butanone-d5	7.074	46	65193	51.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.360%
24) Chloroform-d	7.647	84	228319	23.657	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	8.305	65	127918	23.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	8.275	84	431200	23.535	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	9.274	67	127567	23.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	10.323	98	418367	23.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.240%
43) trans-1,3-Dichloroprop...	10.579	79	56134	23.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.760%
47) 2-Hexanone-d5	10.920	63	54133	51.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	132169	24.837	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	161688	24.584	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	66842	32.980	ug/L	96
3) Chloromethane	2.215	50	113541	24.191	ug/L	98
5) Vinyl chloride	2.355	62	189670	24.858	ug/L	96
6) Bromomethane	2.769	94	101989	23.153	ug/L	99
8) Chloroethane	2.916	64	76158	26.420	ug/L	94
9) Trichlorofluoromethane	3.245	101	67515	22.180	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	113616	23.511	ug/L	98
12) 1,1-Dichloroethene	4.037	96	97281	24.144	ug/L	96
13) Acetone	4.129	43	40193	42.817	ug/L	92
14) Carbon disulfide	4.385	76	279234	23.277	ug/L	99
15) Methyl Acetate	4.665	43	56122	25.471	ug/L	99
16) Methylene chloride	4.915	84	122066	21.243	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	116298	23.980	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	187175	26.140	ug/L	99
19) 1,1-Dichloroethane	6.214	63	211496	24.861	ug/L	98
22) 2-Butanone	7.171	43	77551	46.042	ug/L	100
23) Bromochloromethane	7.512	128	64535	24.416	ug/L	98
25) Chloroform	7.677	83	241916	25.034	ug/L	99
27) 1,2-Dichloroethane	8.403	62	166234	25.420	ug/L	100

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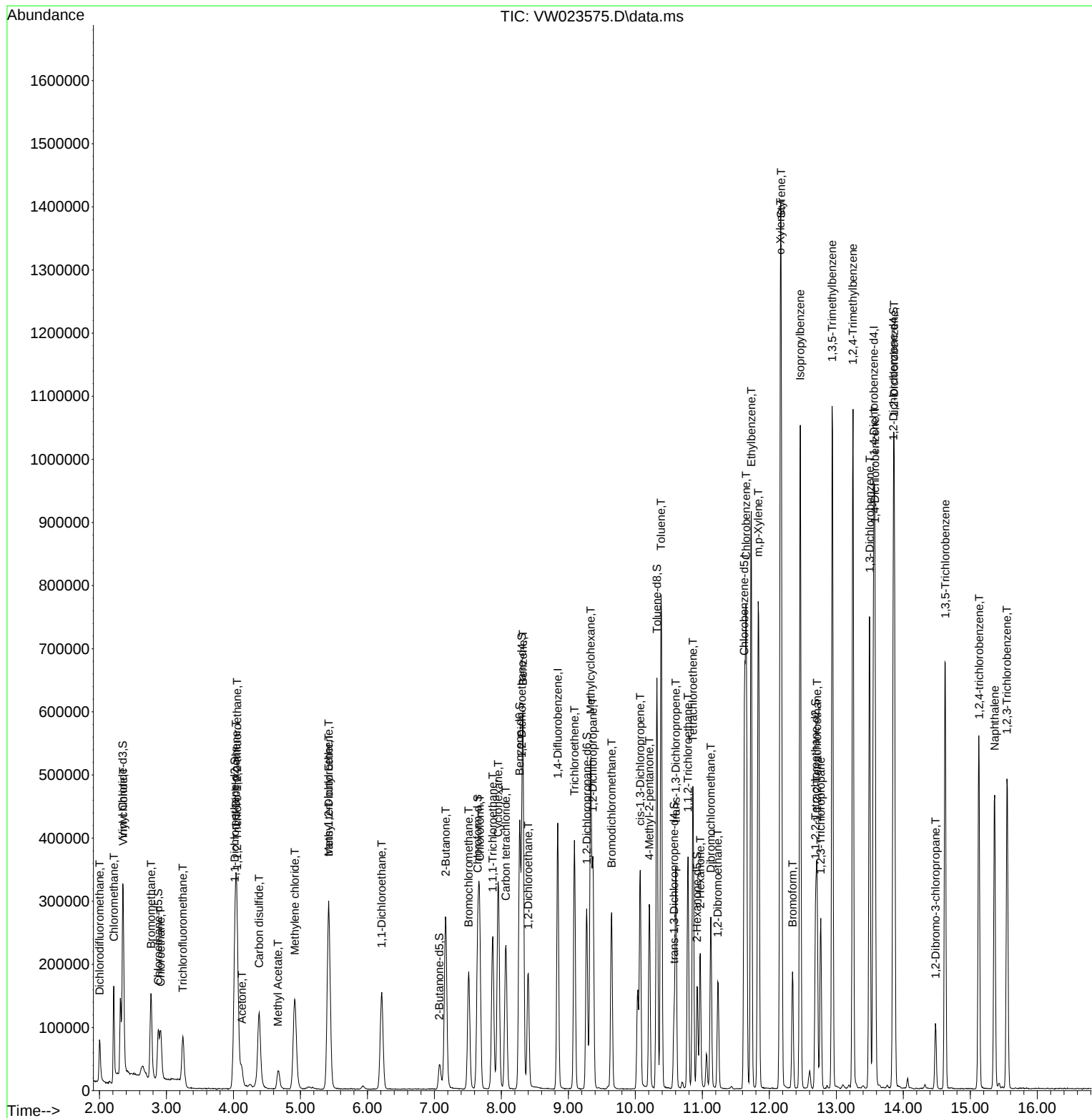
Quant Time: Jul 08 01:39:15 2022
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 Quant Title : SFAM01.0
 QLast Update : Thu Jul 07 15:07:44 2022
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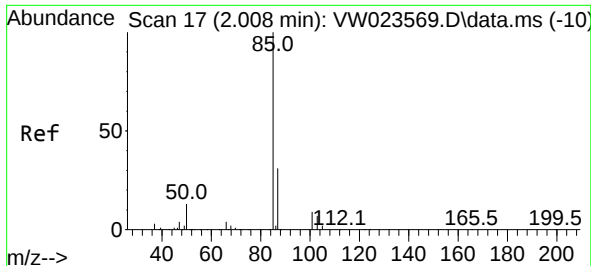
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	168324	24.436	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	187910	23.869	ug/L	100
31) Carbon tetrachloride	8.067	117	170659	23.399	ug/L	100
33) Benzene	8.323	78	504029	24.241	ug/L	100
34) Trichloroethene	9.091	95	130615	24.102	ug/L	97
35) Methylcyclohexane	9.335	83	206979	23.741	ug/L	99
37) 1,2-Dichloropropane	9.366	63	123575	24.583	ug/L	100
38) Bromodichloromethane	9.646	83	179319	25.266	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	194559	25.374	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	183613	54.866	ug/L	99
42) Toluene	10.384	91	578437	25.497	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	182809	25.858	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	109325	25.267	ug/L	96
46) Tetrachloroethene	10.859	164	99074	23.258	ug/L	97
48) 2-Hexanone	10.969	43	130441	55.016	ug/L	99
49) Dibromochloromethane	11.128	129	133445	25.907	ug/L	99
50) 1,2-Dibromoethane	11.231	107	110826	25.945	ug/L #	98
51) Chlorobenzene	11.652	112	384955	24.923	ug/L	98
52) Ethylbenzene	11.731	91	638635	24.933	ug/L	96
53) m,p-Xylene	11.835	106	256113	25.774	ug/L	97
54) o-Xylene	12.164	106	241594	25.388	ug/L	92
55) Styrene	12.176	104	444122	26.839	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	145308	26.100	ug/L	98
59) Bromoform	12.347	173	79891	26.199	ug/L	98
60) Isopropylbenzene	12.463	105	655024	24.863	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	105943	25.565	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	563479	25.791	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	566700	25.930	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	299770	24.054	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	309718	24.504	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	288676	25.119	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	24396	24.981	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	196215	24.265	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	162975	24.944	ug/L	99
71) Naphthalene	15.365	128	395426	28.038	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	154605	25.528	ug/L	99

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

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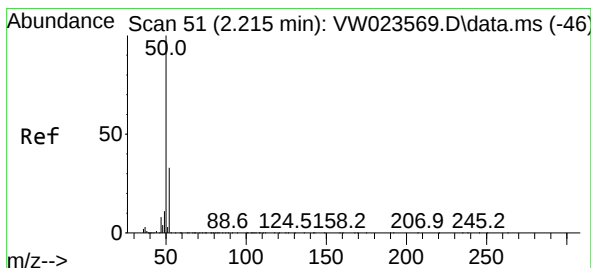
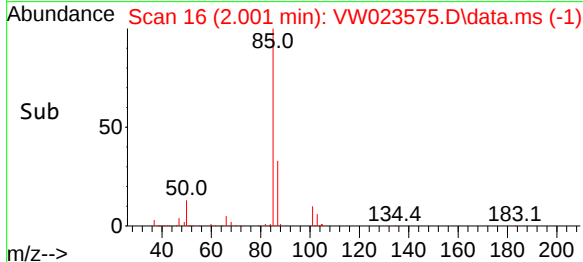
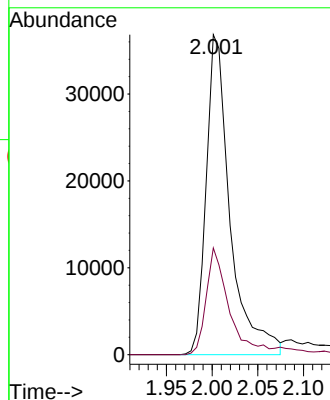
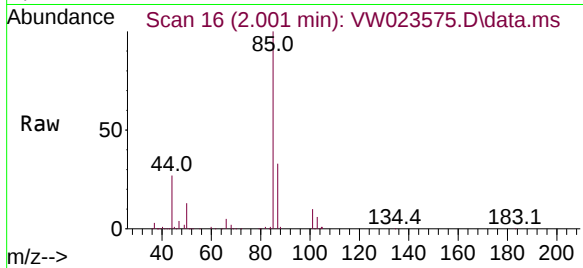




#2
Dichlorodifluoromethane
Concen: 32.980 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

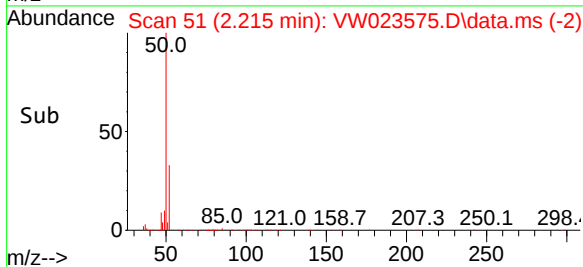
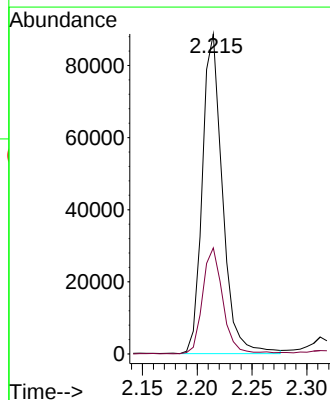
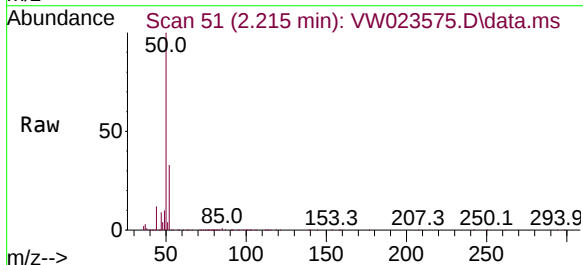
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

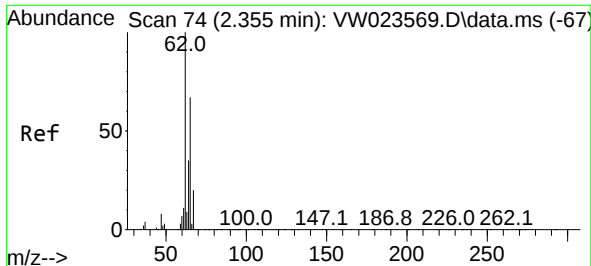
Tgt Ion: 85 Resp: 66842
Ion Ratio Lower Upper
85 100
87 30.5 26.0 39.0



#3
Chloromethane
Concen: 24.191 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 50 Resp: 113541
Ion Ratio Lower Upper
50 100
52 33.2 22.5 41.9

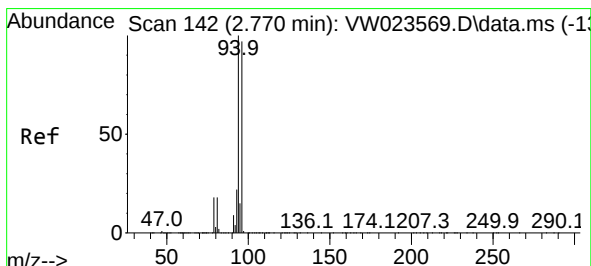
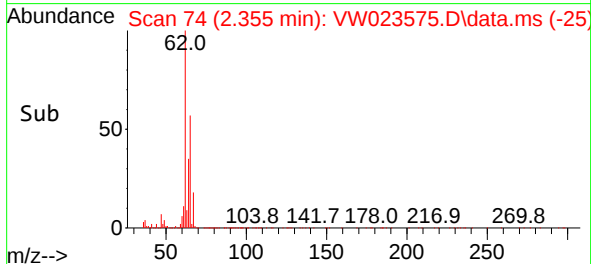
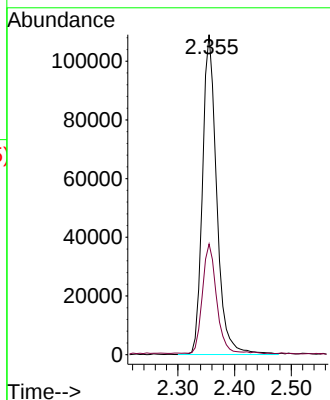
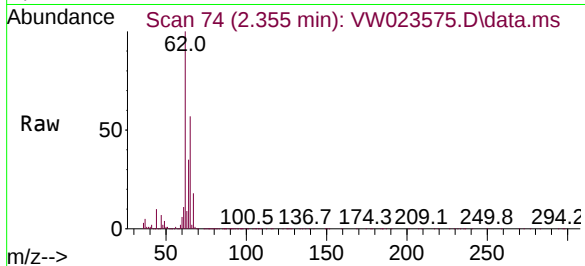




#5
 Vinyl chloride
 Concen: 24.858 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023575.D
 Acq: 07 Jul 2022 15:15

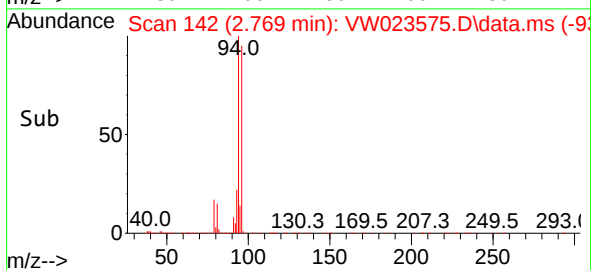
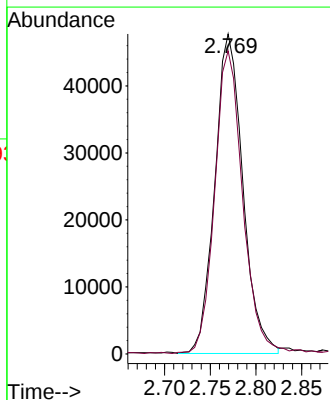
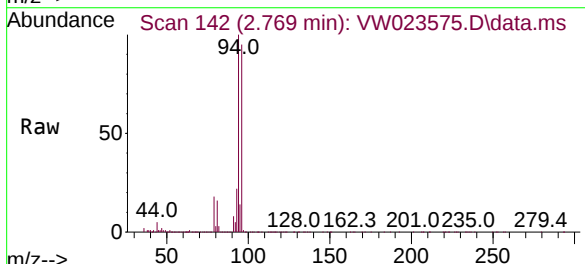
Instrument :
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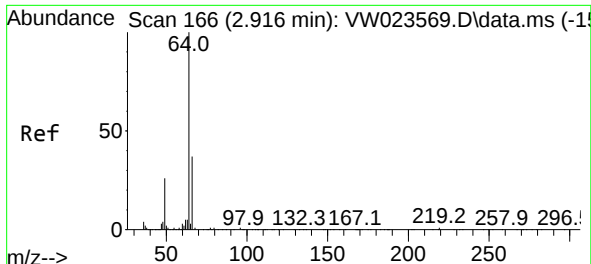
Tgt Ion: 62 Resp: 189670
 Ion Ratio Lower Upper
 62 100
 64 34.6 25.8 47.8



#6
 Bromomethane
 Concen: 23.153 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW023575.D
 Acq: 07 Jul 2022 15:15

Tgt Ion: 94 Resp: 101989
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.6 121.8

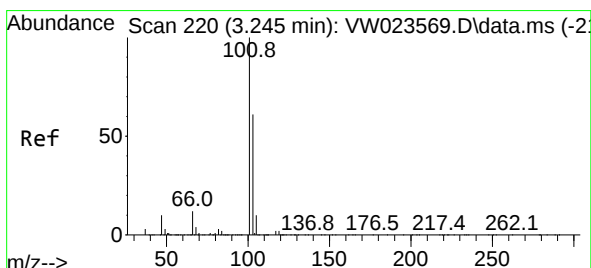
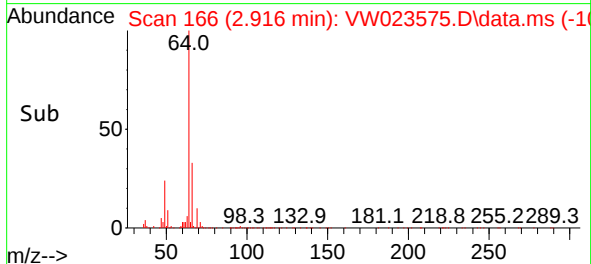
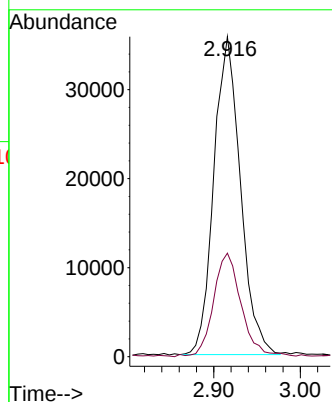
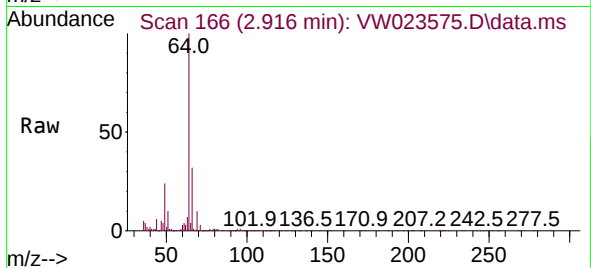




#8
Chloroethane
Concen: 26.420 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

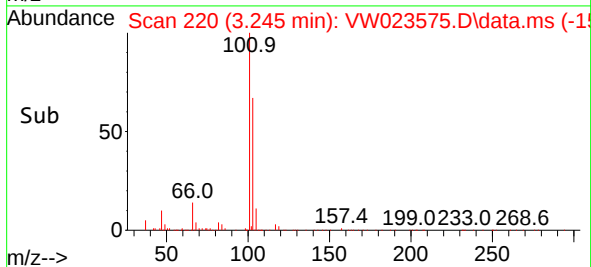
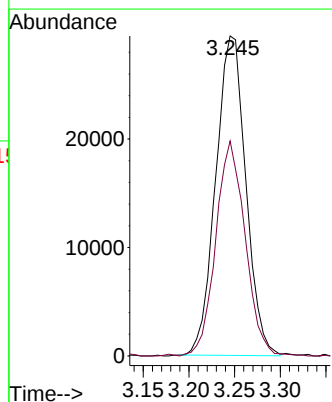
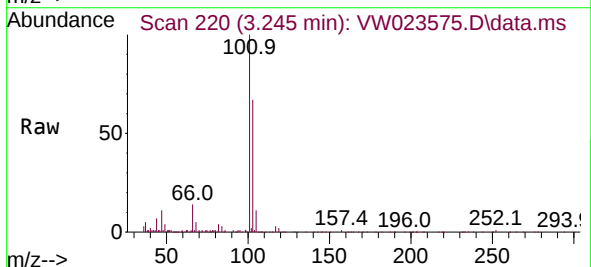
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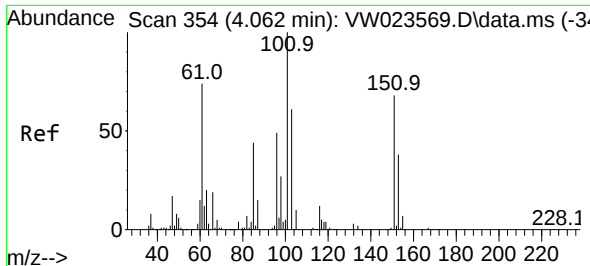
Tgt Ion: 64 Resp: 76158
Ion Ratio Lower Upper
64 100
66 32.4 20.6 38.2



#9
Trichlorofluoromethane
Concen: 22.180 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 101 Resp: 67515
Ion Ratio Lower Upper
101 100
103 65.4 53.2 79.8

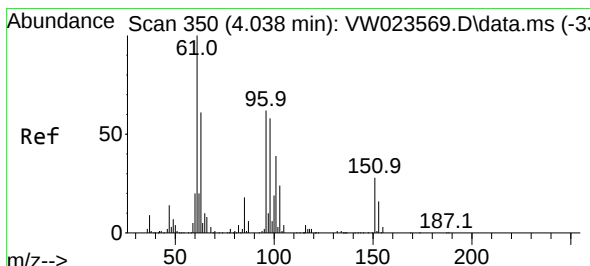
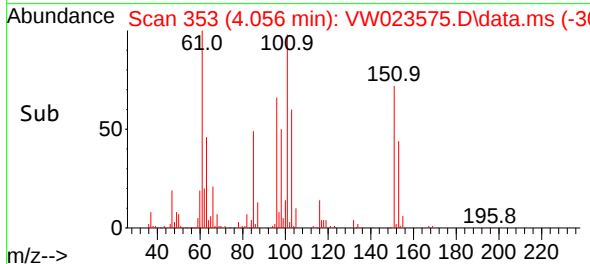
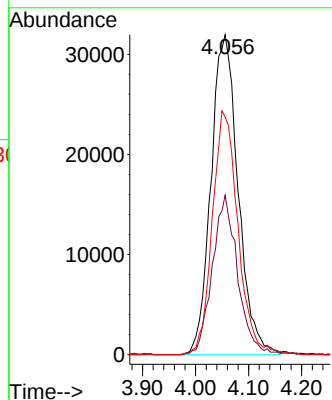
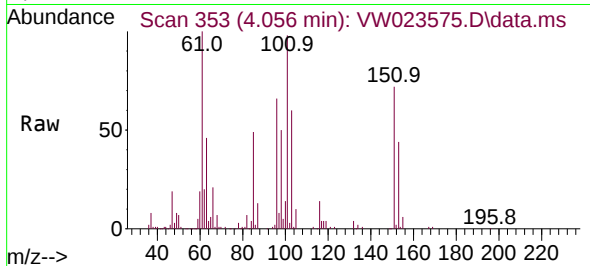




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.511 ug/L
RT: 4.056 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

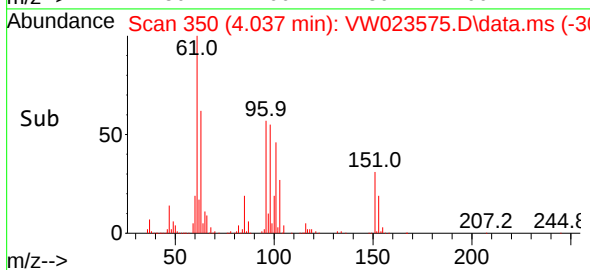
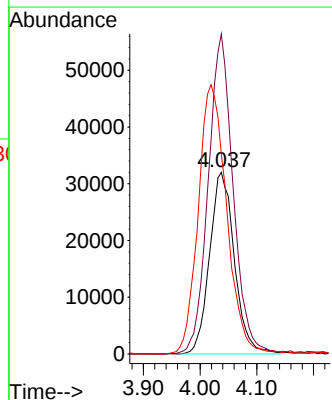
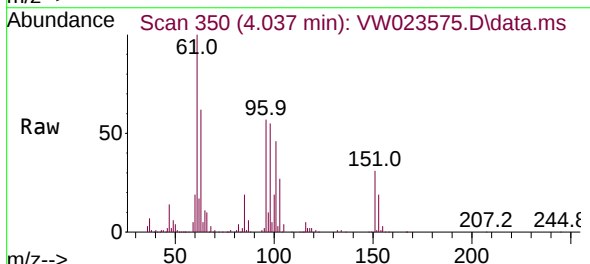
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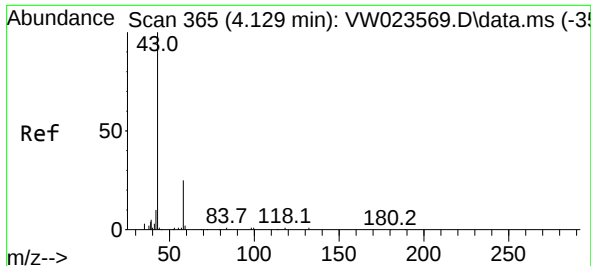
Tgt Ion:101 Resp: 113616
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.4
151 71.0 54.6 81.8



#12
1,1-Dichloroethene
Concen: 24.144 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 96 Resp: 97281
Ion Ratio Lower Upper
96 100
61 176.2 122.0 226.6
63 109.9 83.0 154.2

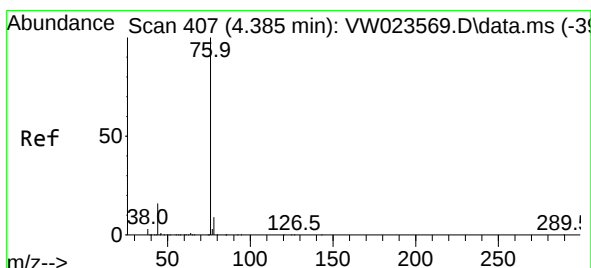
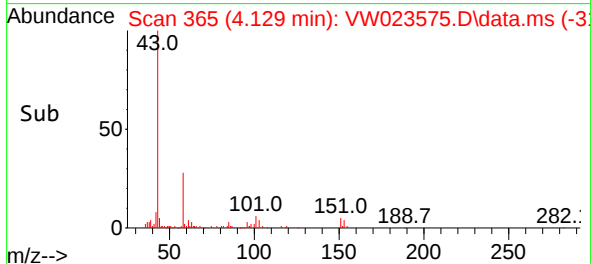
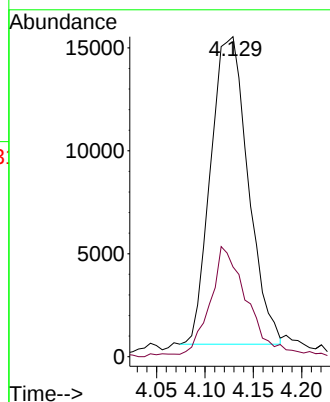
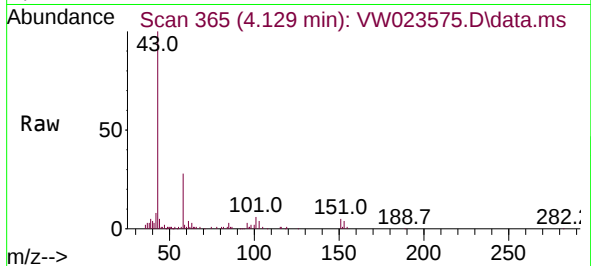




#13
Acetone
Concen: 42.817 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

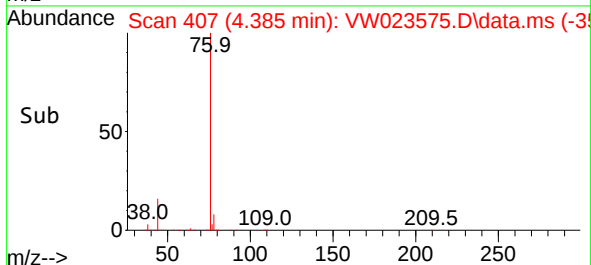
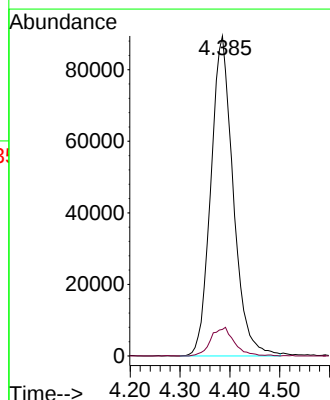
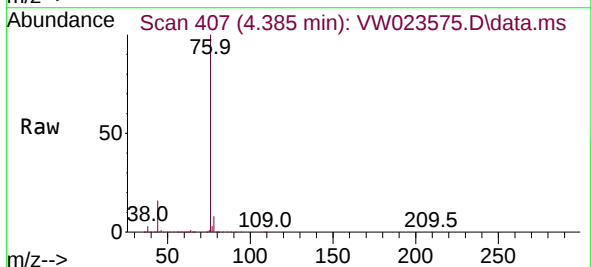
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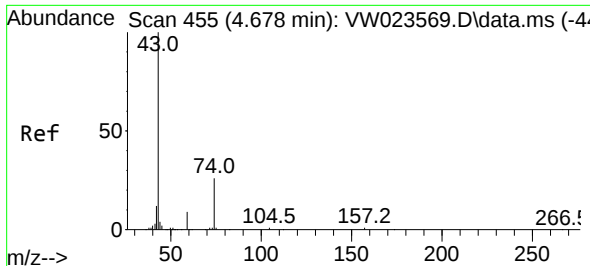
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Ion Ratio Lower Upper
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58 35.1 0.0 61.2



#14
Carbon disulfide
Concen: 23.277 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 76 Resp: 279234
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2

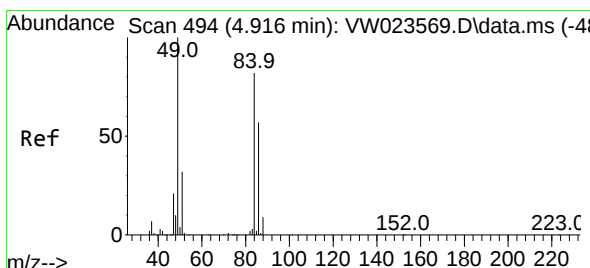
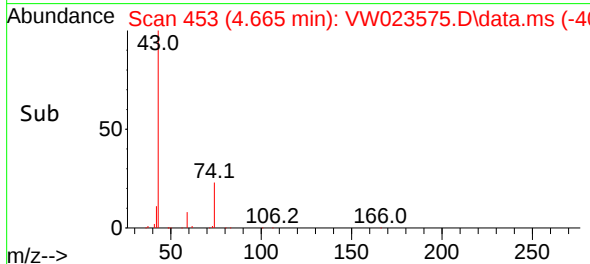
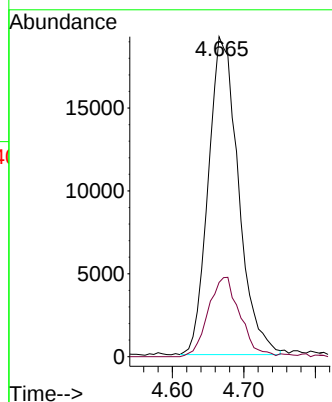
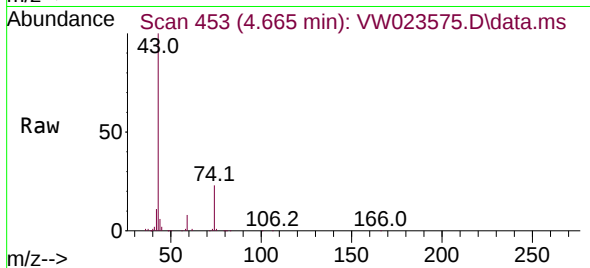




#15
Methyl Acetate
Concen: 25.471 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.012 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

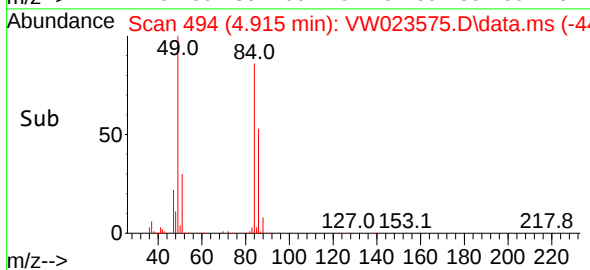
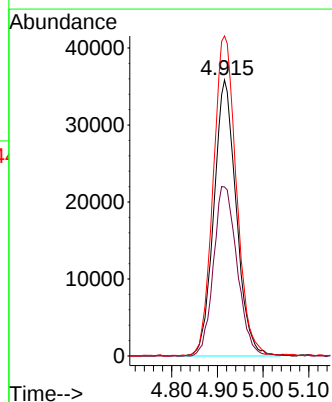
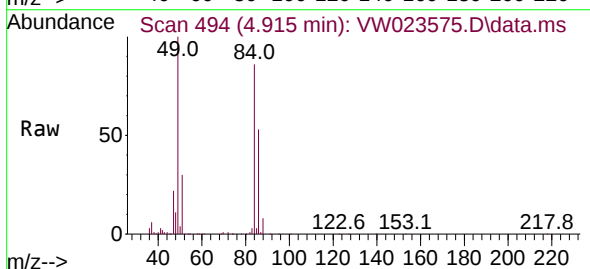
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

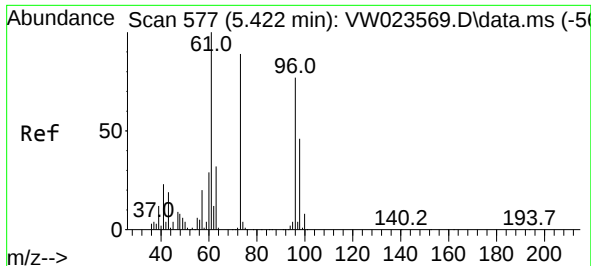
Tgt Ion: 43 Resp: 56122
Ion Ratio Lower Upper
43 100
74 26.2 20.4 30.6



#16
Methylene chloride
Concen: 21.243 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 84 Resp: 122066
Ion Ratio Lower Upper
84 100
86 61.2 44.9 83.3
49 115.9 87.6 162.6

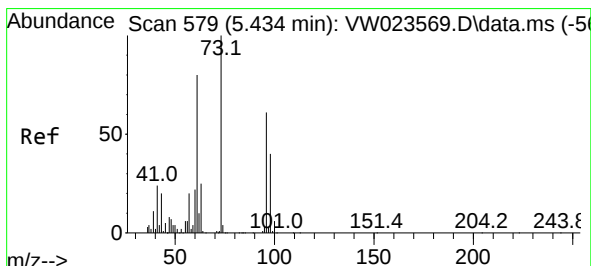
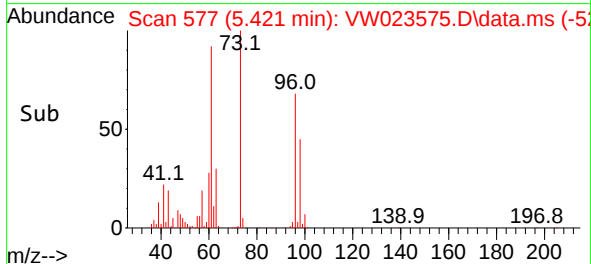
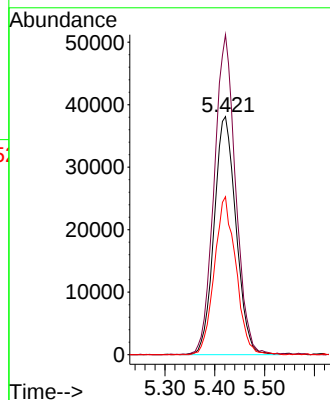
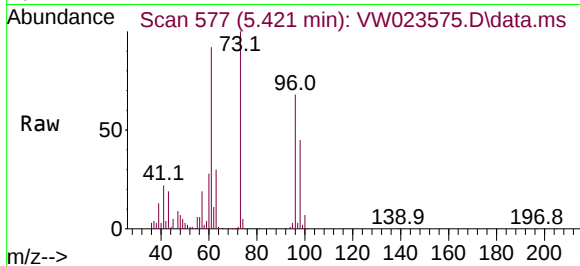




#17
trans-1,2-Dichloroethene
Concen: 23.980 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

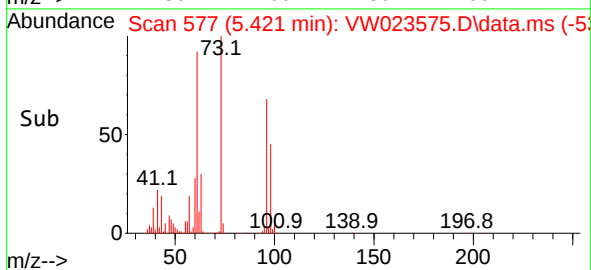
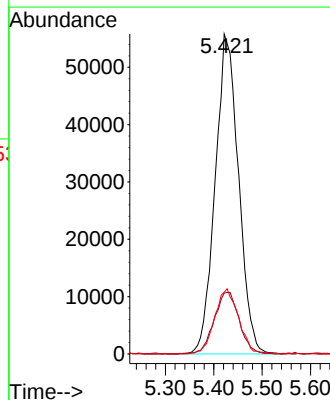
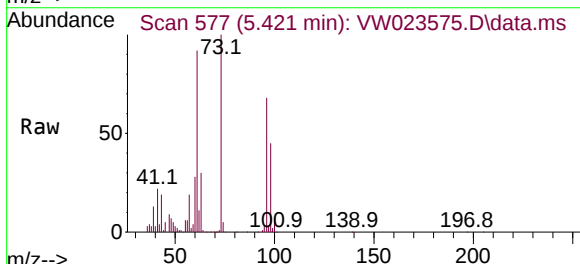
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

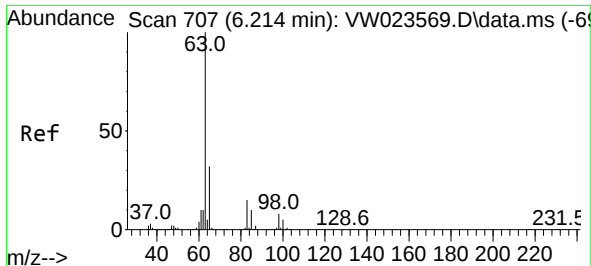
Tgt Ion: 96 Resp: 116298
Ion Ratio Lower Upper
96 100
61 134.4 92.3 171.5
98 66.3 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 26.140 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 73 Resp: 187175
Ion Ratio Lower Upper
73 100
43 20.8 16.2 24.2
57 20.7 16.9 25.3





#19

1,1-Dichloroethane

Concen: 24.861 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

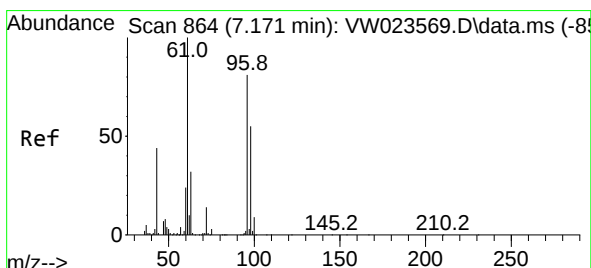
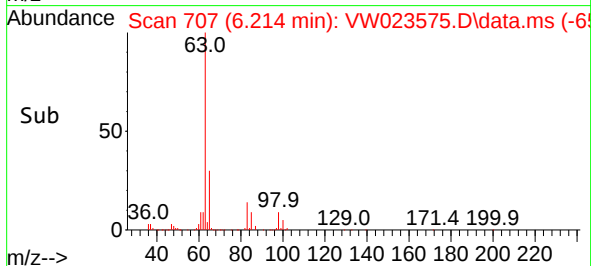
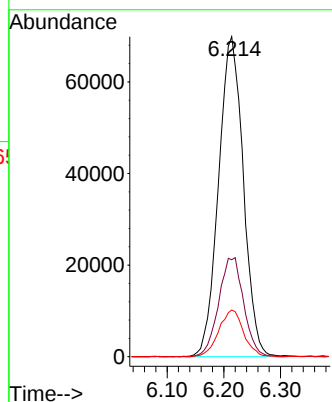
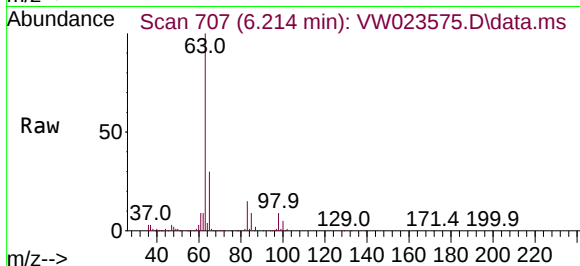
Tgt Ion: 63 Resp: 211496

Ion Ratio Lower Upper

63 100

65 30.3 22.3 41.3

83 14.6 9.8 18.2



#22

2-Butanone

Concen: 46.042 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023575.D

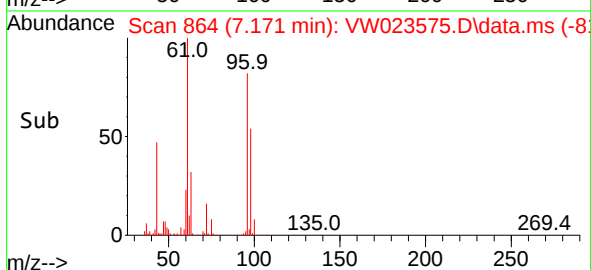
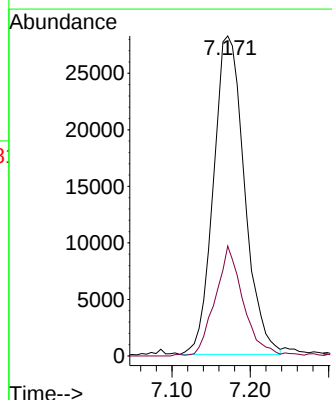
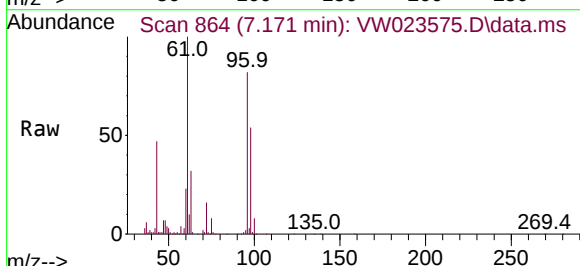
Acq: 07 Jul 2022 15:15

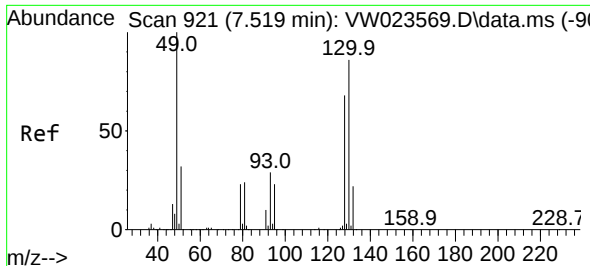
Tgt Ion: 43 Resp: 77551

Ion Ratio Lower Upper

43 100

72 30.9 15.4 46.1

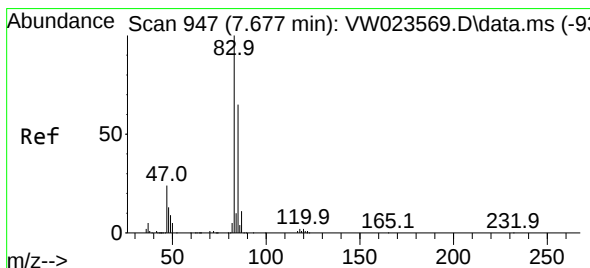
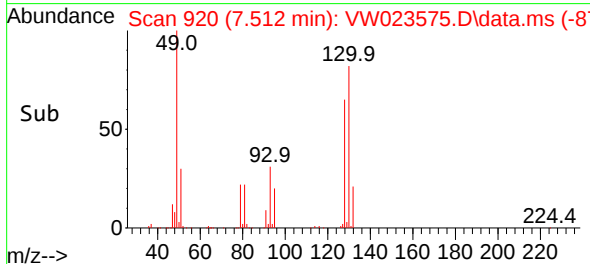
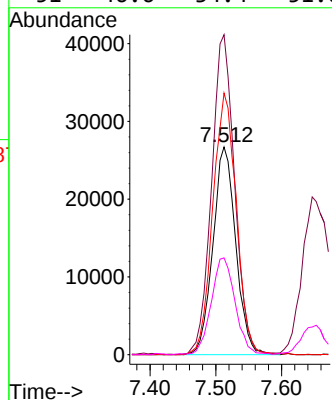
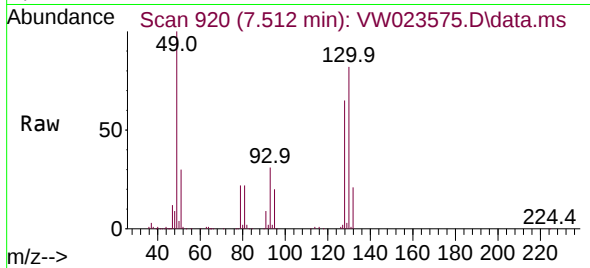




#23
Bromochloromethane
Concen: 24.416 ug/L
RT: 7.512 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

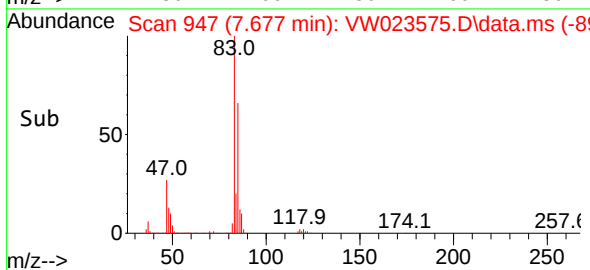
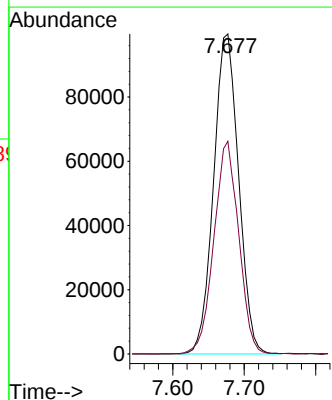
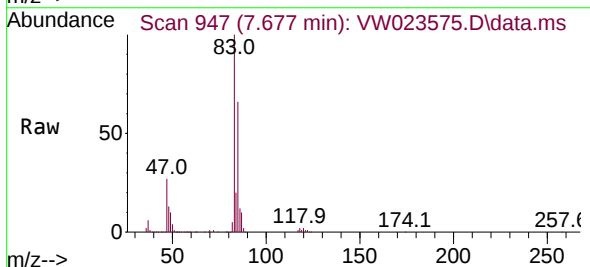
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

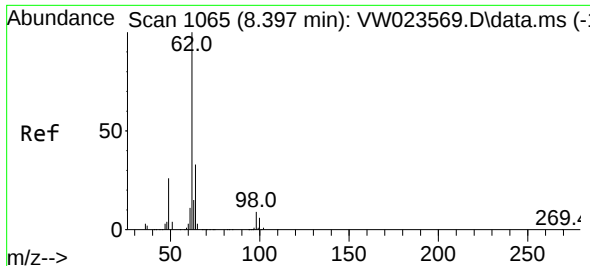
Tgt Ion:128 Resp: 64535
Ion Ratio Lower Upper
128 100
49 154.1 105.8 196.6
130 126.0 87.6 162.8
51 46.6 34.4 51.6



#25
Chloroform
Concen: 25.034 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 83 Resp: 241916
Ion Ratio Lower Upper
83 100
85 66.5 47.0 87.4





#27

1,2-Dichloroethane

Concen: 25.420 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Instrument :

MSVOA_W

ClientSampleId :

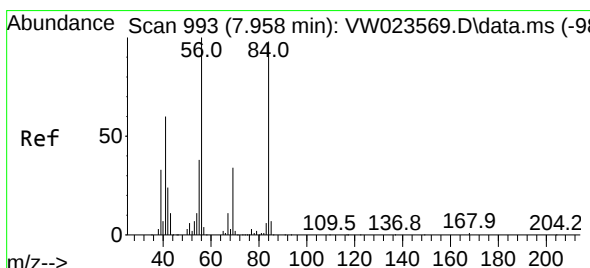
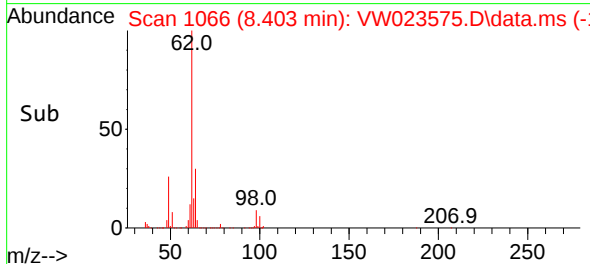
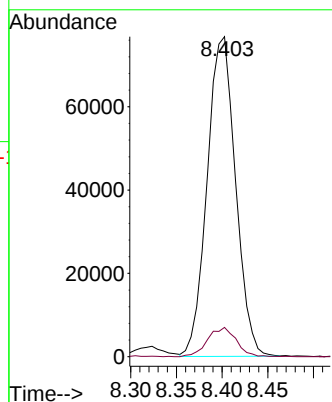
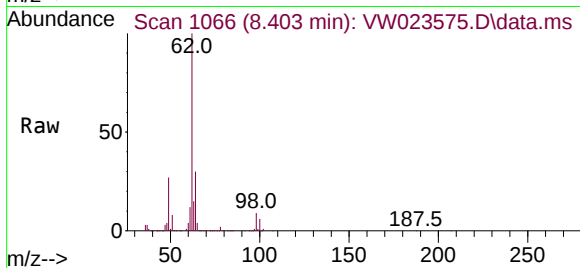
VSTD025590

Tgt Ion: 62 Resp: 166234

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0



#29

Cyclohexane

Concen: 24.436 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

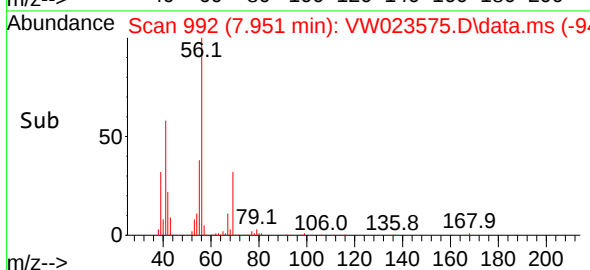
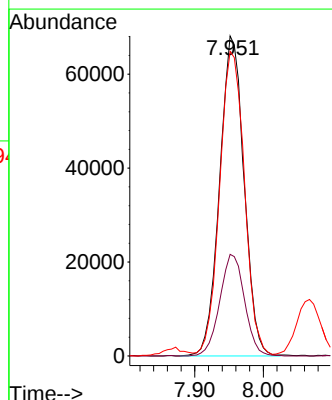
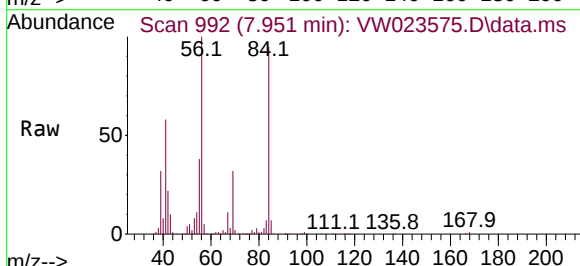
Tgt Ion: 56 Resp: 168324

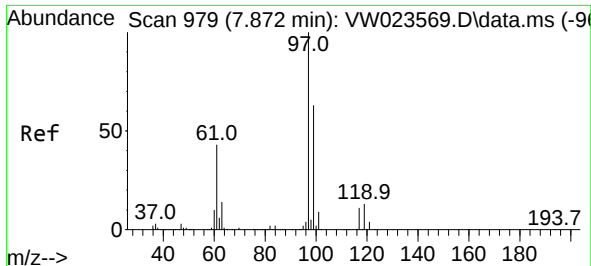
Ion Ratio Lower Upper

56 100

69 32.2 25.6 38.4

84 96.8 77.0 115.6





#30

1,1,1-Trichloroethane

Concen: 23.869 ug/L

RT: 7.872 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

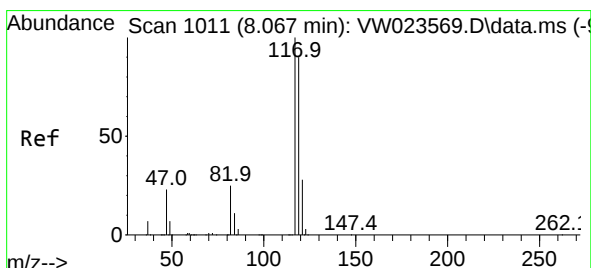
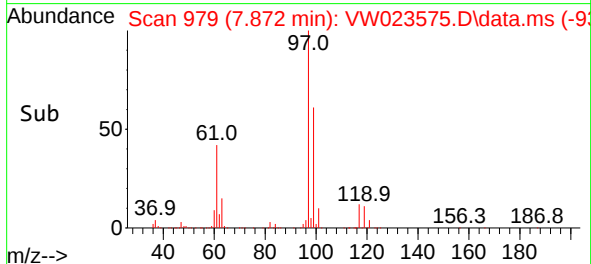
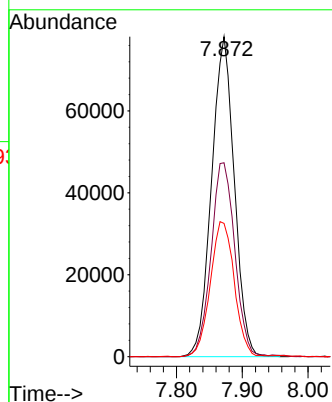
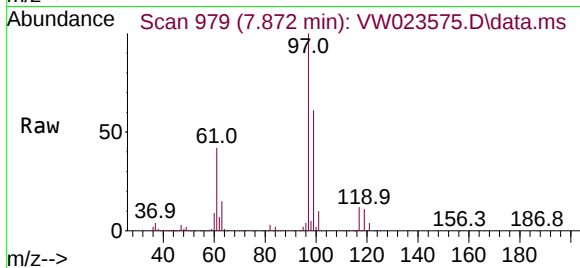
Tgt Ion: 97 Resp: 187910

Ion Ratio Lower Upper

97 100

99 63.4 50.8 76.2

61 44.4 35.8 53.8



#31

Carbon tetrachloride

Concen: 23.399 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023575.D

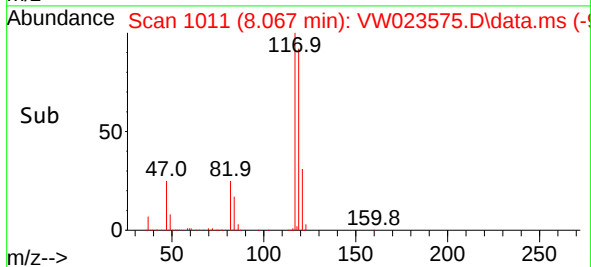
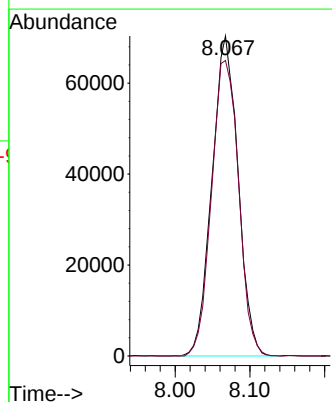
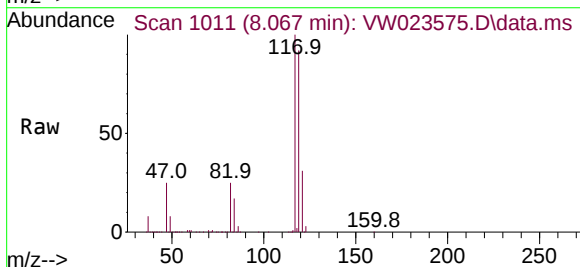
Acq: 07 Jul 2022 15:15

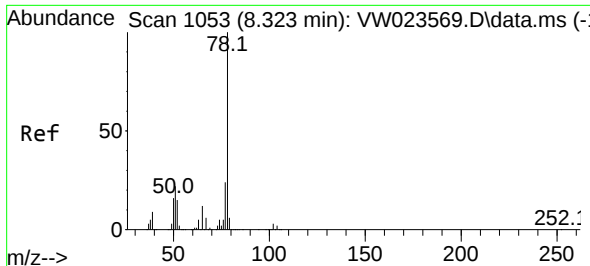
Tgt Ion: 117 Resp: 170659

Ion Ratio Lower Upper

117 100

119 95.9 76.7 115.1

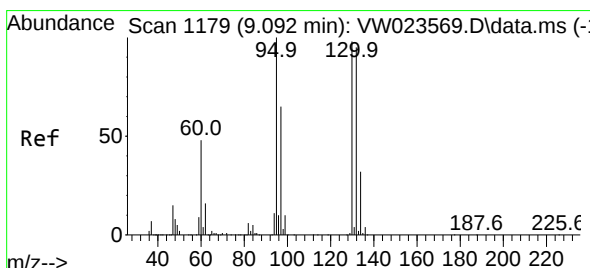
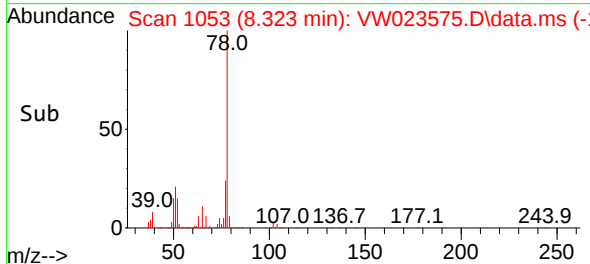
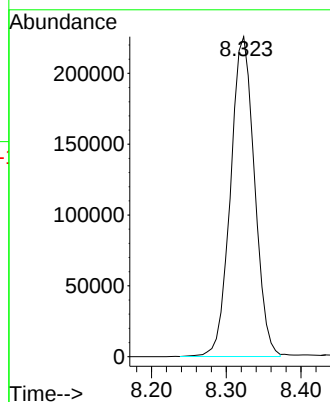
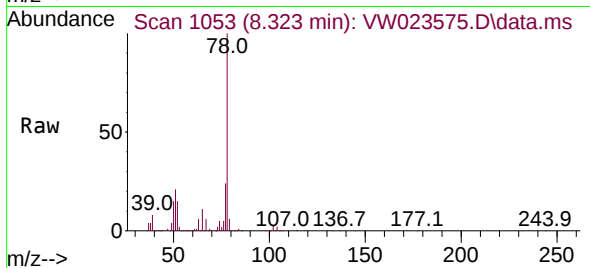




#33
Benzene
Concen: 24.241 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

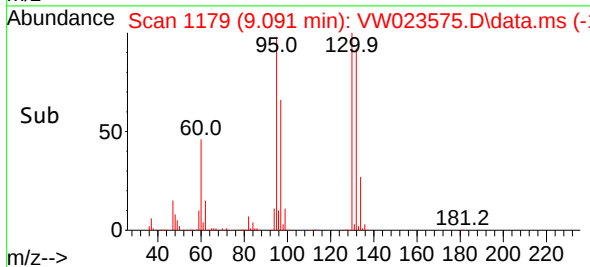
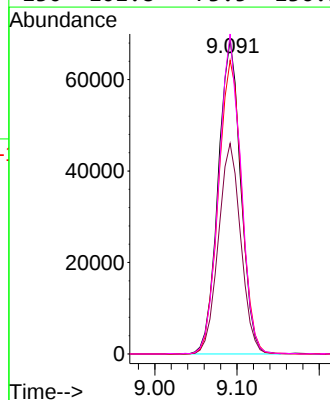
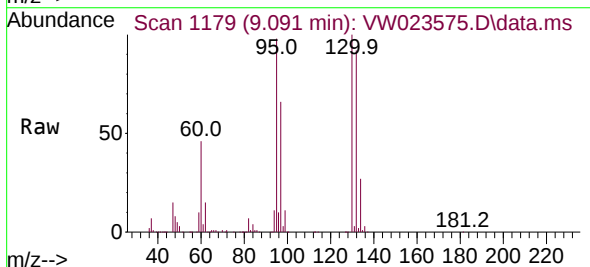
Tgt Ion: 78 Resp: 504029

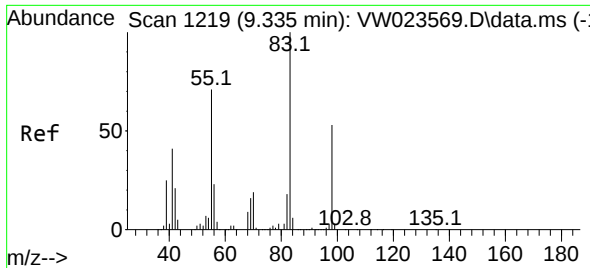


#34
Trichloroethene
Concen: 24.102 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 95 Resp: 130615

Ion	Ratio	Lower	Upper
95	100		
97	67.0	47.5	88.1
132	93.4	68.9	127.9
130	101.8	73.5	136.5

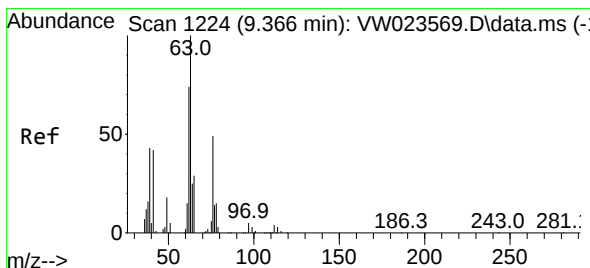
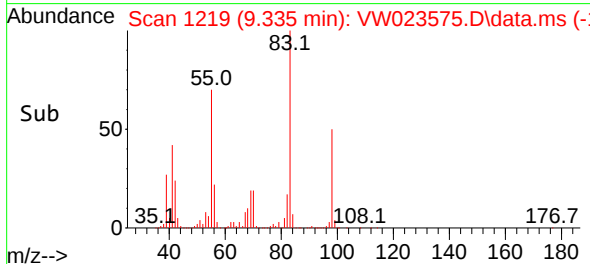
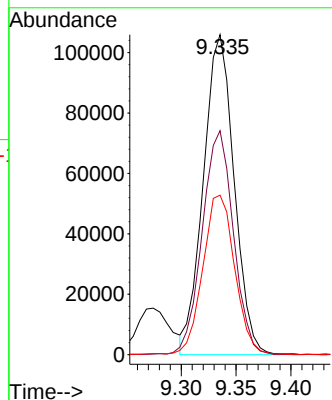
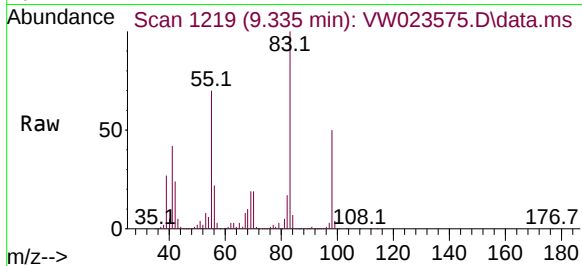




#35
Methylcyclohexane
Concen: 23.741 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

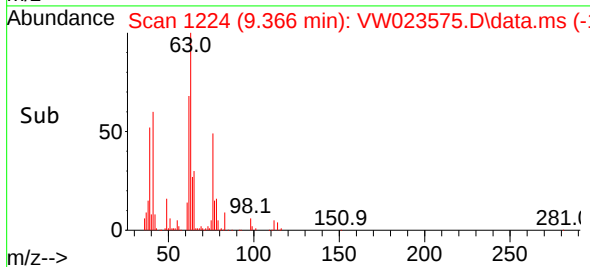
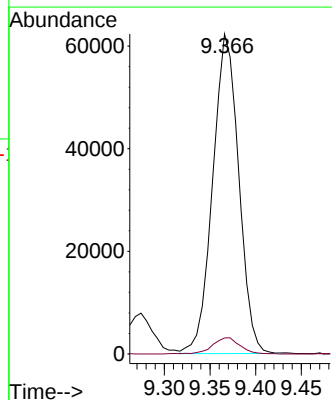
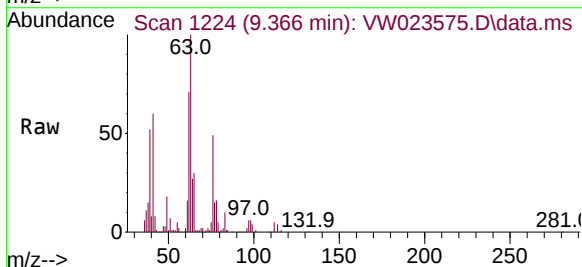
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

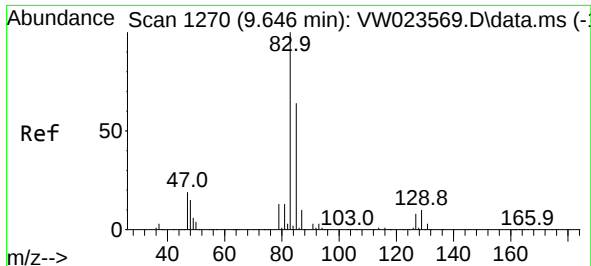
Tgt Ion: 83 Resp: 206979
Ion Ratio Lower Upper
83 100
55 70.8 57.0 85.6
98 51.7 40.2 60.4



#37
1,2-Dichloropropane
Concen: 24.583 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 63 Resp: 123575
Ion Ratio Lower Upper
63 100
112 5.2 4.1 6.1

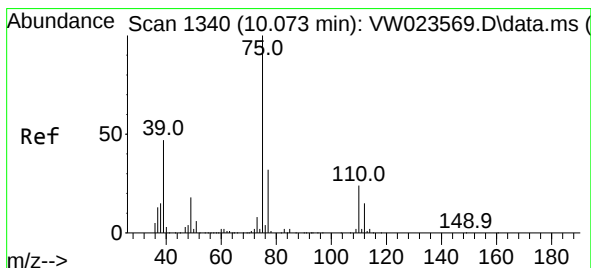
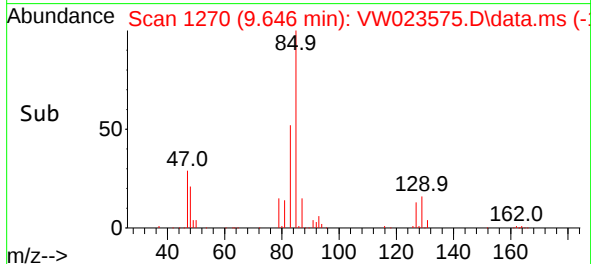
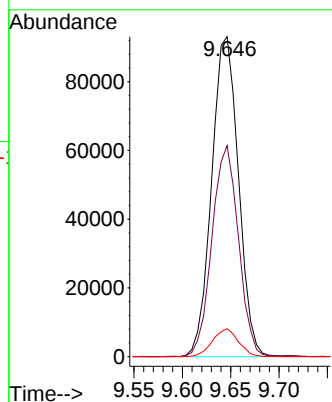
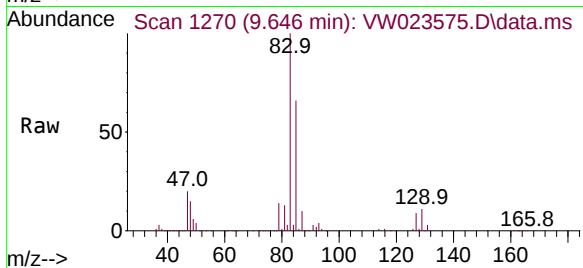




#38
Bromodichloromethane
Concen: 25.266 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

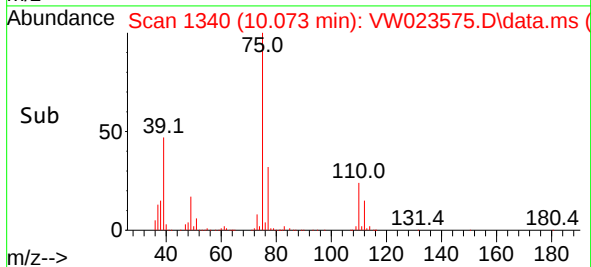
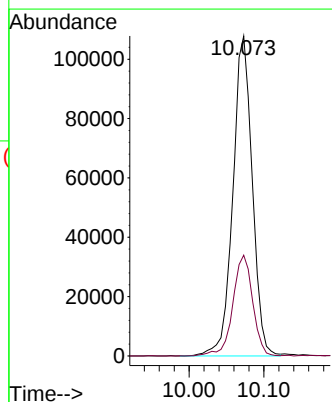
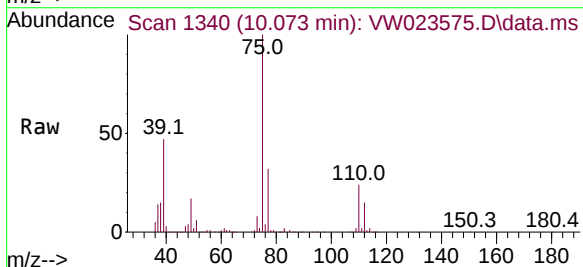
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

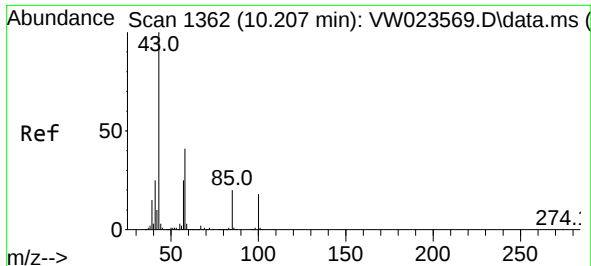
Tgt Ion: 83 Resp: 179319
Ion Ratio Lower Upper
83 100
85 66.0 44.2 82.0
127 8.7 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 25.374 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 75 Resp: 194559
Ion Ratio Lower Upper
75 100
77 31.5 23.0 42.6

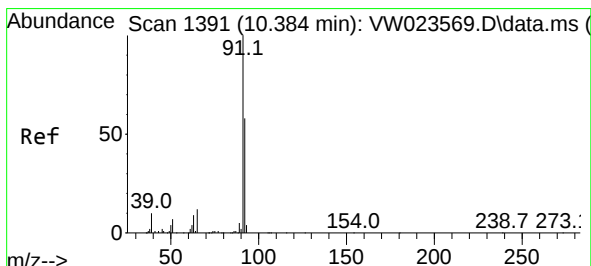
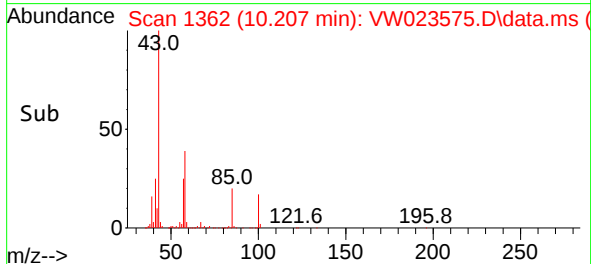
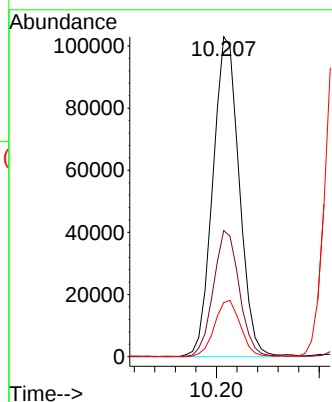
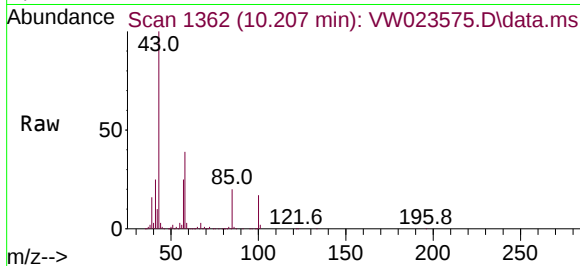




#40
4-Methyl-2-pentanone
Concen: 54.866 ug/L
RT: 10.207 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

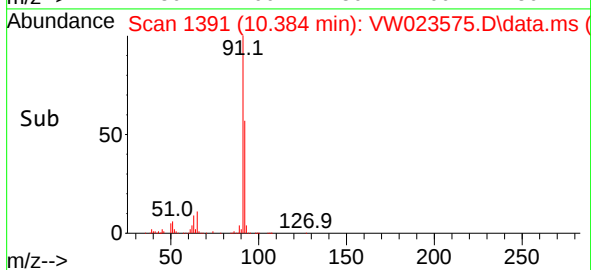
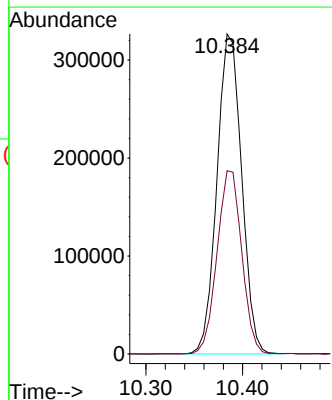
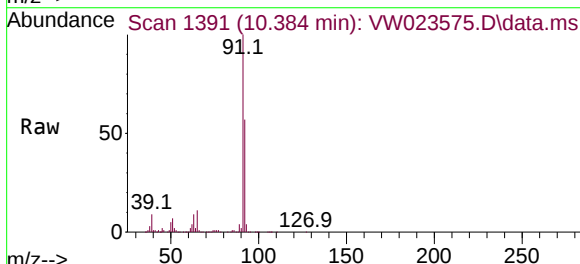
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

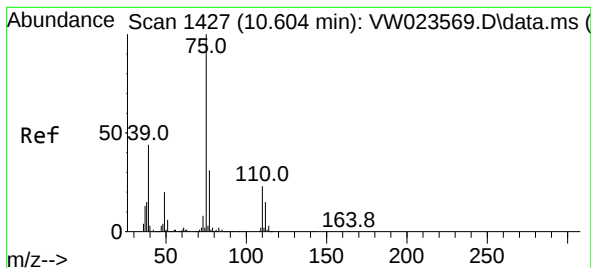
Tgt Ion: 43 Resp: 183613
Ion Ratio Lower Upper
43 100
58 38.9 31.8 47.8
100 17.3 14.0 21.0



#42
Toluene
Concen: 25.497 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 91 Resp: 578437
Ion Ratio Lower Upper
91 100
92 57.2 41.2 76.4





#44

trans-1,3-Dichloropropene

Concen: 25.858 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Instrument :

MSVOA_W

ClientSampleId :

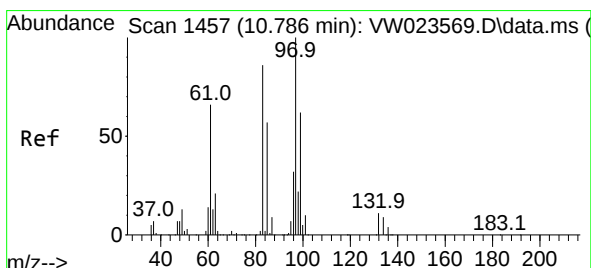
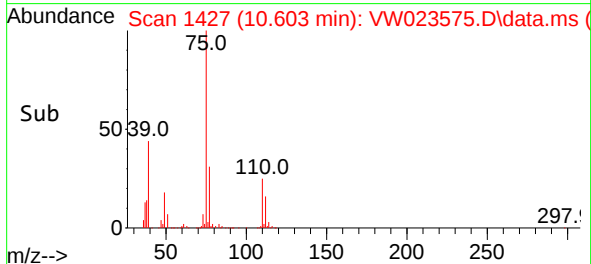
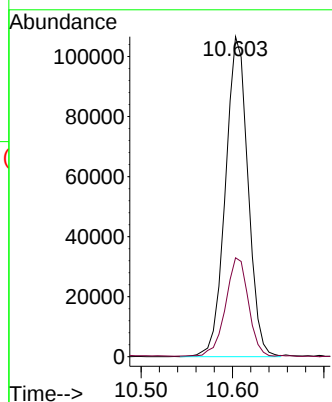
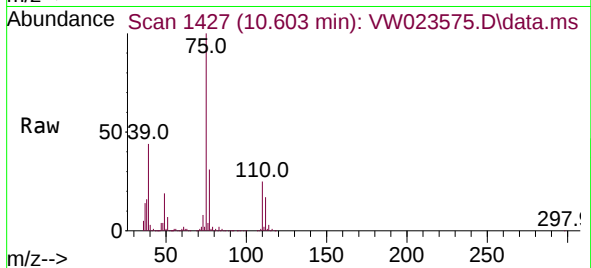
VSTD025590

Tgt Ion: 75 Resp: 182809

Ion Ratio Lower Upper

75 100

77 30.9 22.9 42.5



#45

1,1,2-Trichloroethane

Concen: 25.267 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Tgt Ion: 97 Resp: 109325

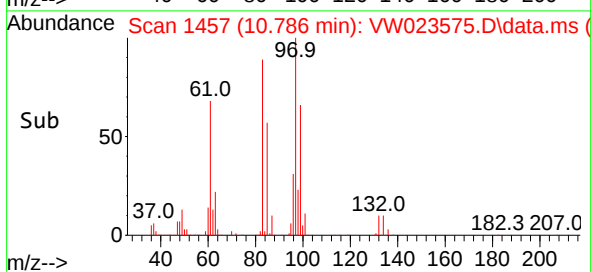
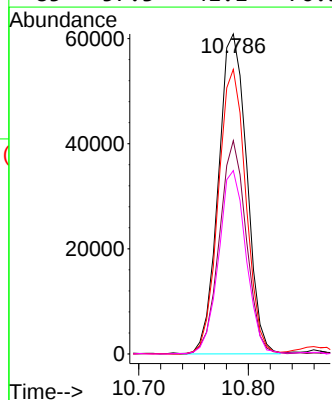
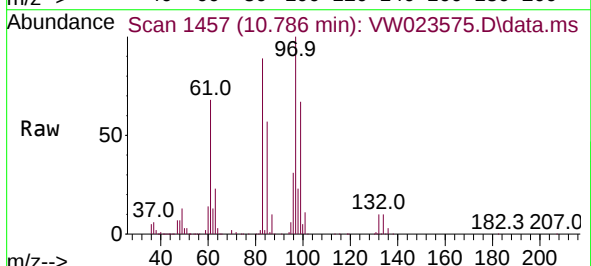
Ion Ratio Lower Upper

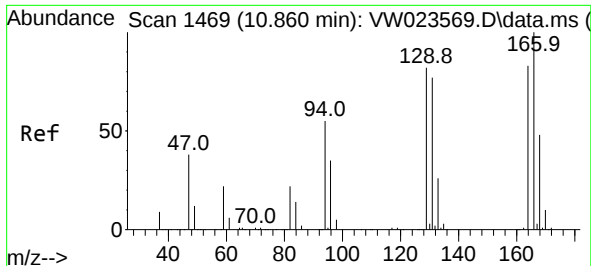
97 100

99 66.6 43.9 81.5

83 89.0 59.8 111.0

85 57.3 41.1 76.3



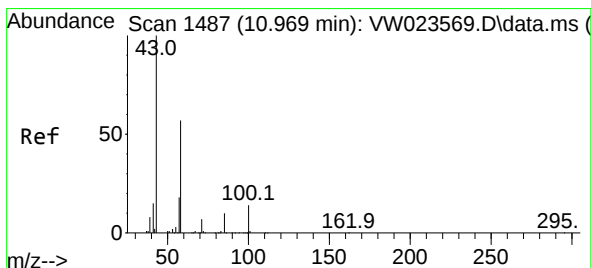
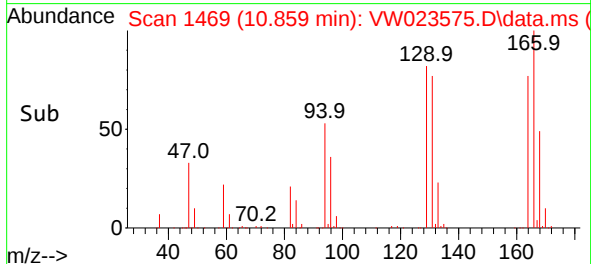
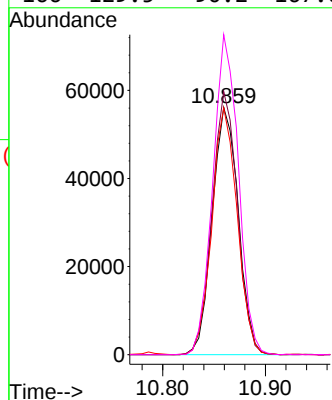
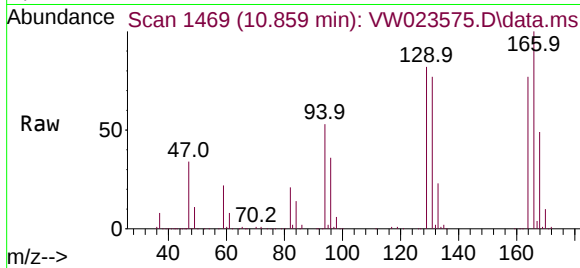


#46
Tetrachloroethene
Concen: 23.258 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

Tgt Ion:164 Resp: 99074

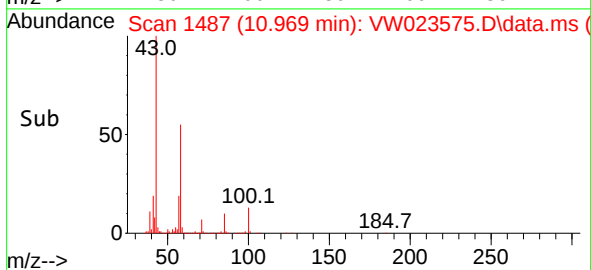
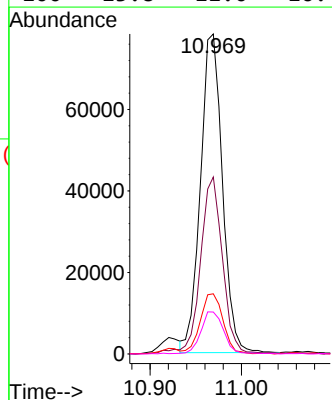
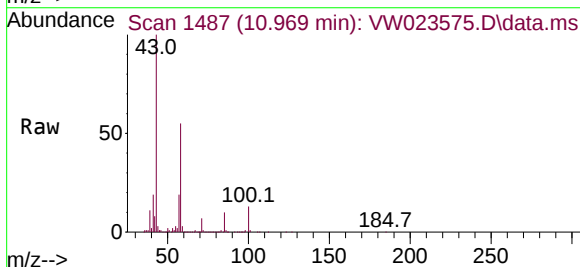
Ion	Ratio	Lower	Upper
164	100		
129	106.4	71.3	132.3
131	99.9	67.0	124.4
166	129.5	90.2	167.6

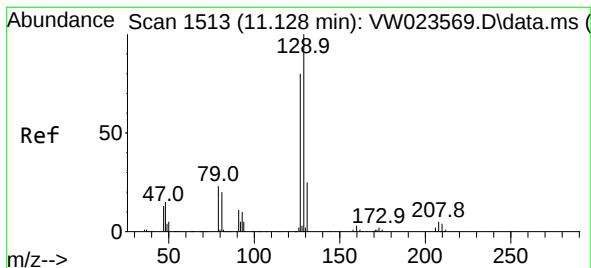


#48
2-Hexanone
Concen: 55.016 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 43 Resp: 130441

Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.7	65.5
57	19.7	15.7	23.5
100	13.8	11.0	16.4





#49

Dibromochloromethane

Concen: 25.907 ug/L

RT: 11.128 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Instrument :

MSVOA_W

ClientSampleId :

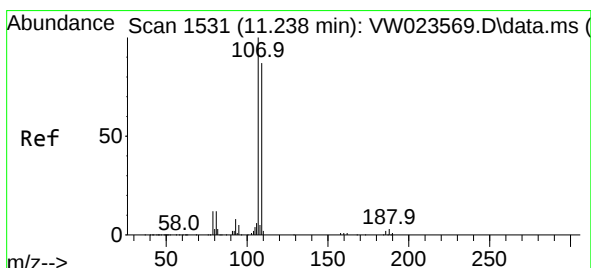
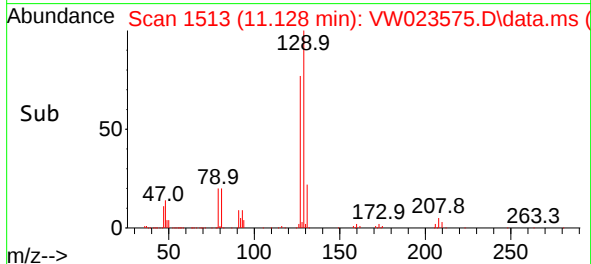
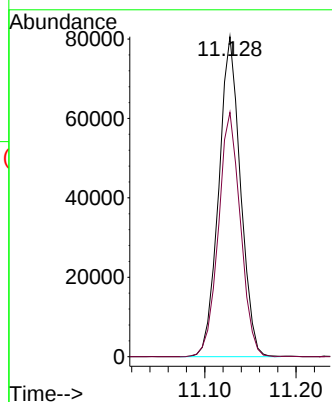
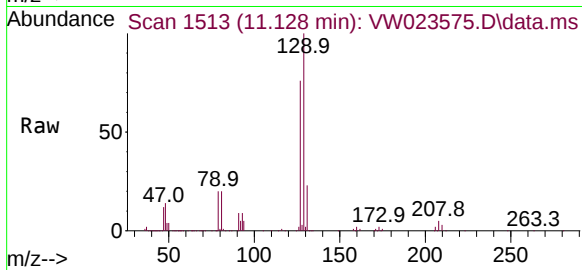
VSTD025590

Tgt Ion:129 Resp: 133445

Ion Ratio Lower Upper

129 100

127 76.3 52.7 97.9



#50

1,2-Dibromoethane

Concen: 25.945 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

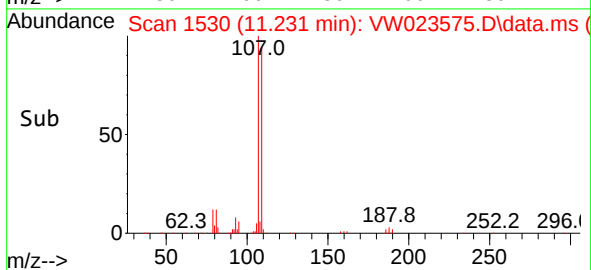
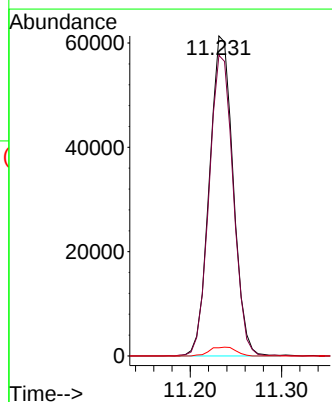
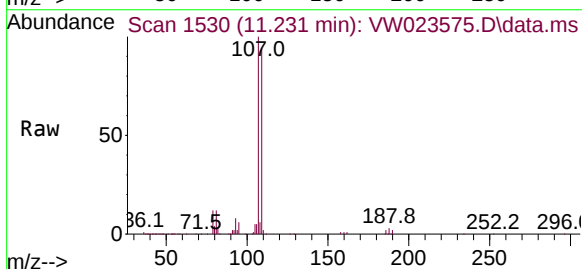
Tgt Ion:107 Resp: 110826

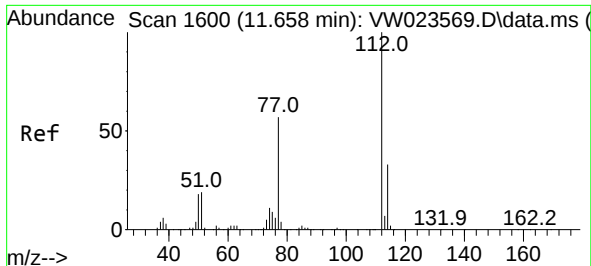
Ion Ratio Lower Upper

107 100

109 93.9 67.2 124.8

188 2.6 2.7 4.1#

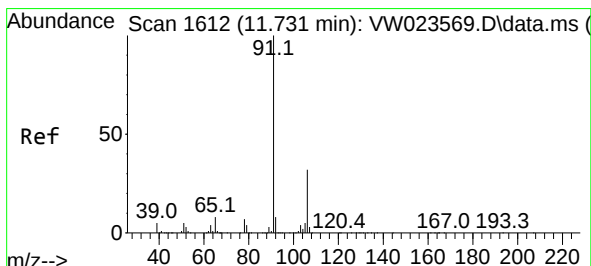
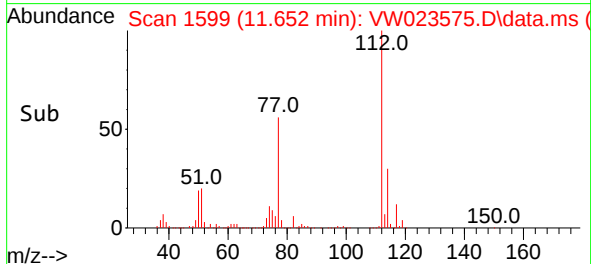
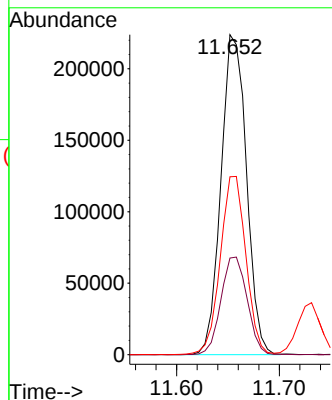
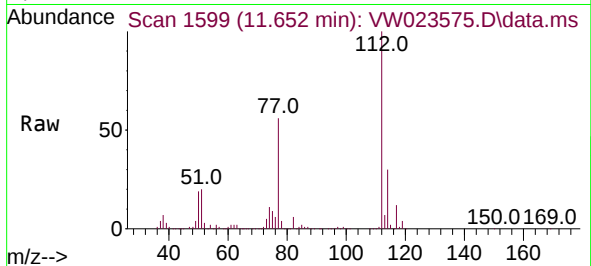




#51
Chlorobenzene
Concen: 24.923 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

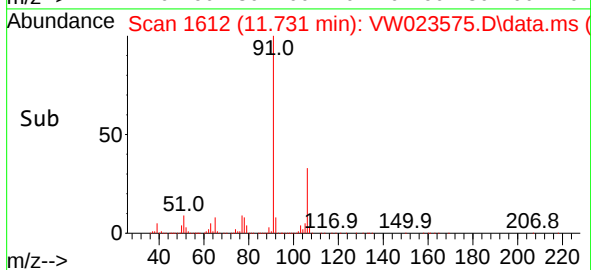
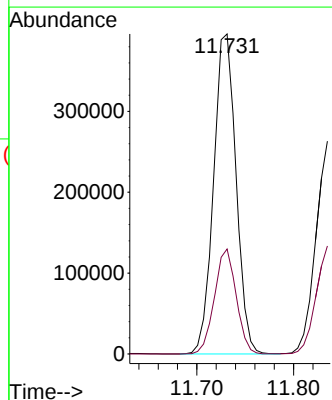
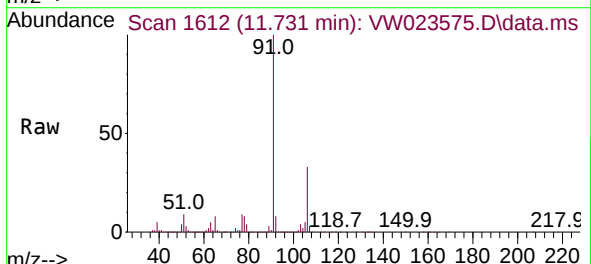
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

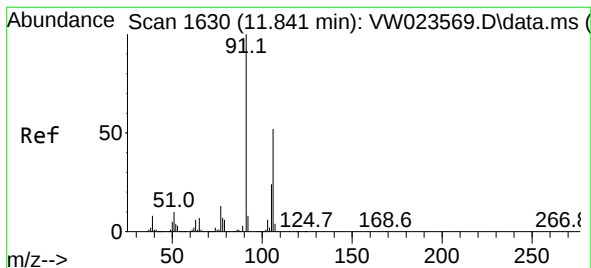
Tgt Ion:112 Resp: 384955
Ion Ratio Lower Upper
112 100
114 30.2 23.1 42.9
77 55.6 44.2 66.4



#52
Ethylbenzene
Concen: 24.933 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 91 Resp: 638635
Ion Ratio Lower Upper
91 100
106 32.8 21.4 39.8

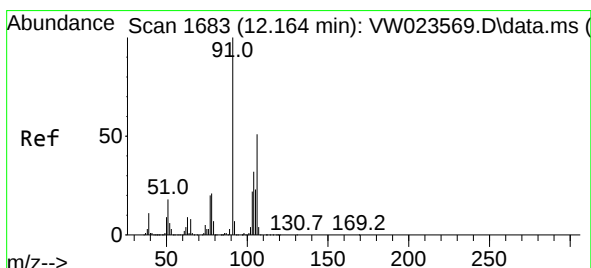
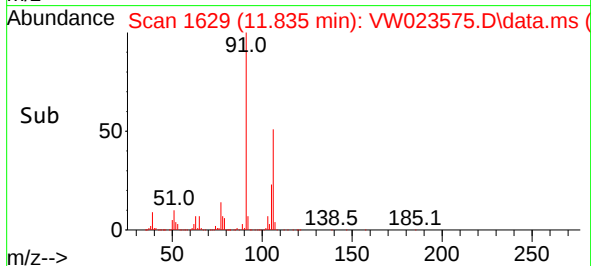
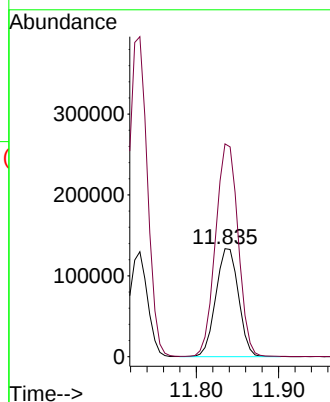
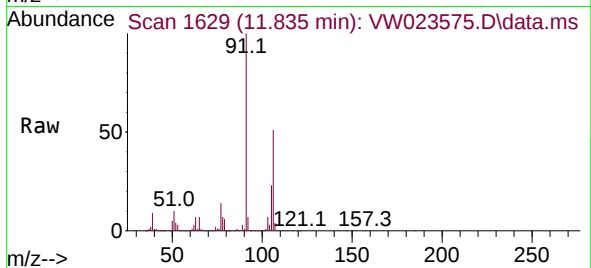




#53
m,p-Xylene
Concen: 25.774 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

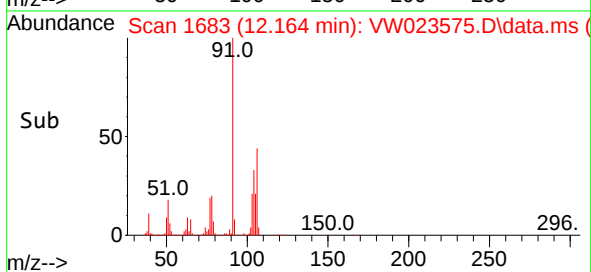
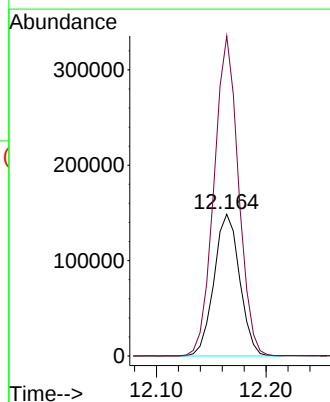
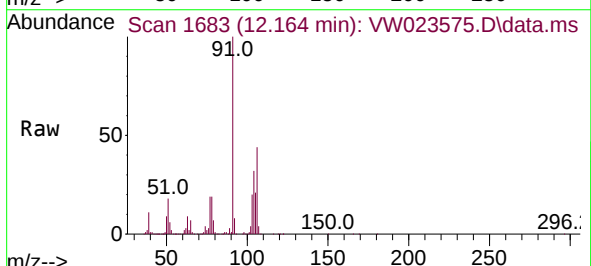
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

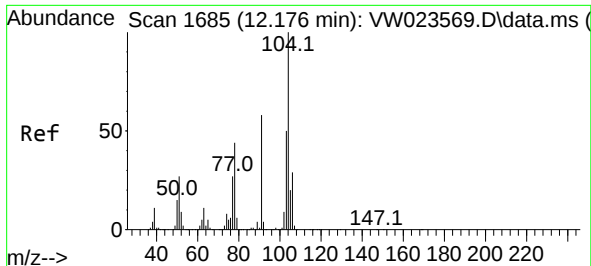
Tgt Ion:106 Resp: 256113
Ion Ratio Lower Upper
106 100
91 196.9 140.8 261.6



#54
o-Xylene
Concen: 25.388 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion:106 Resp: 241594
Ion Ratio Lower Upper
106 100
91 225.8 149.3 277.3

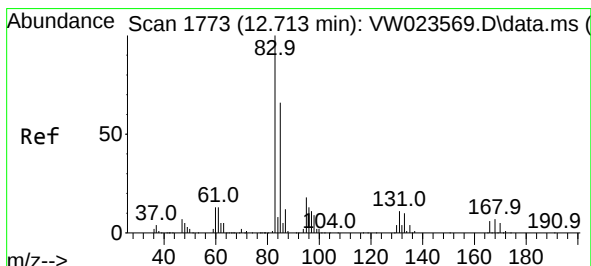
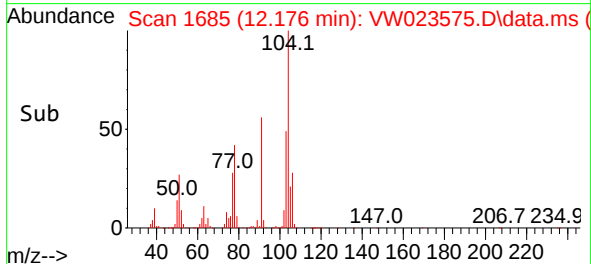
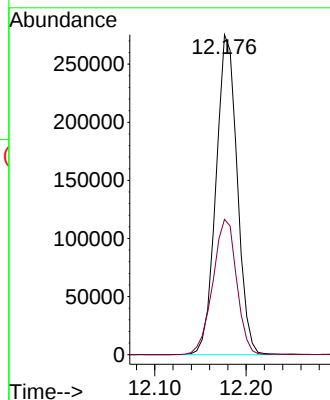
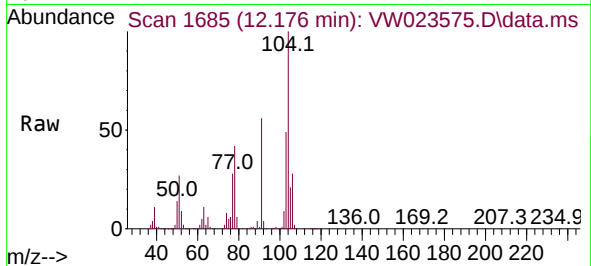




#55
Styrene
Concen: 26.839 ug/L
RT: 12.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

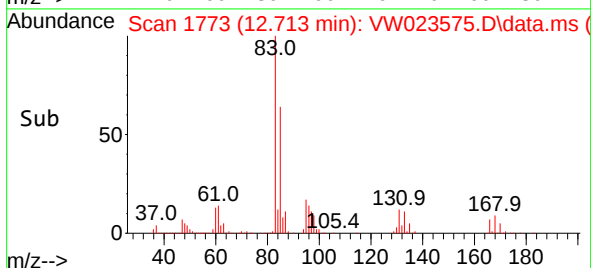
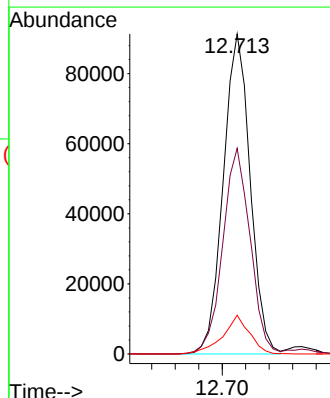
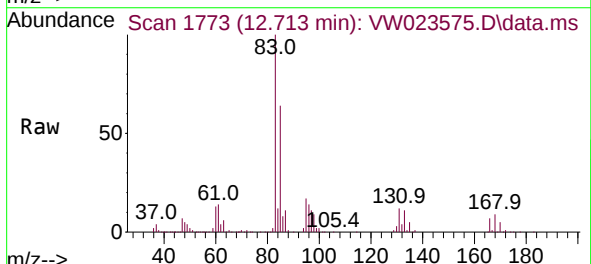
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

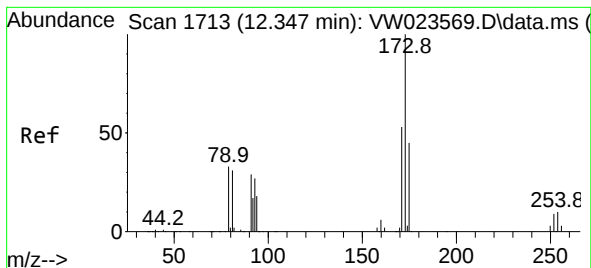
Tgt Ion:104 Resp: 444122
Ion Ratio Lower Upper
104 100
78 42.3 32.3 59.9



#57
1,1,2,2-Tetrachloroethane
Concen: 26.100 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion: 83 Resp: 145308
Ion Ratio Lower Upper
83 100
85 64.3 44.0 81.6
131 12.1 8.5 12.7





#59

Bromoform

Concen: 26.199 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

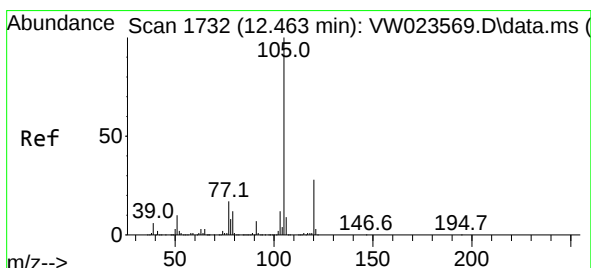
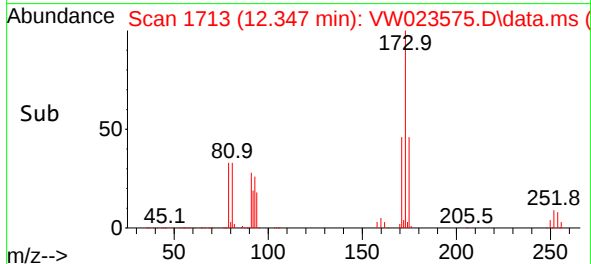
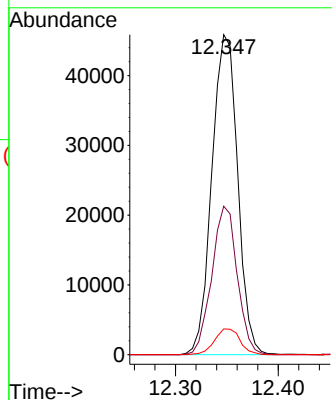
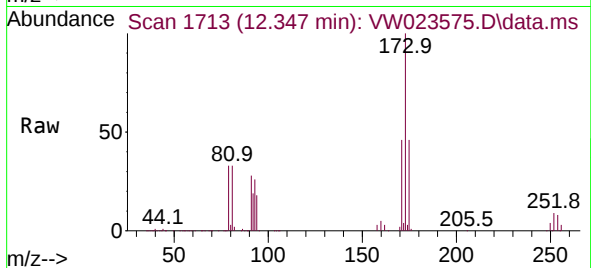
Tgt Ion:173 Resp: 79891

Ion Ratio Lower Upper

173 100

175 45.7 37.9 56.9

254 8.0 7.0 10.4



#60

Isopropylbenzene

Concen: 24.863 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

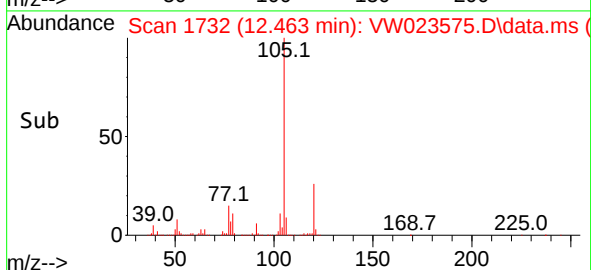
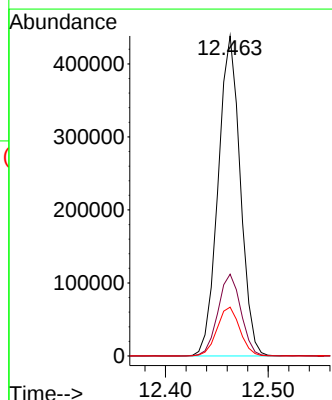
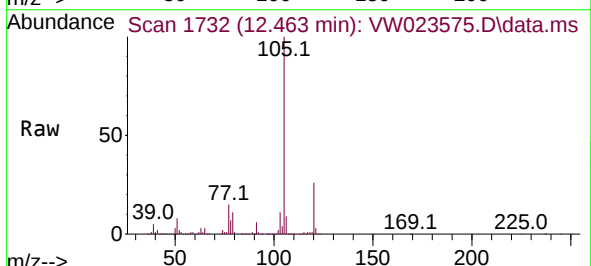
Tgt Ion:105 Resp: 655024

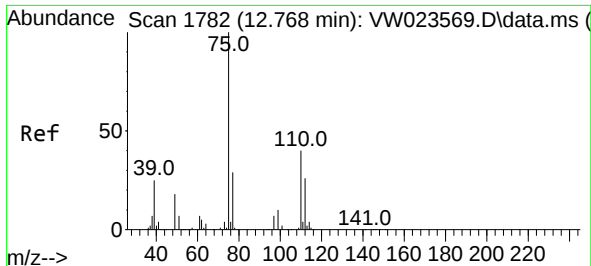
Ion Ratio Lower Upper

105 100

120 26.4 21.3 31.9

77 15.8 12.4 18.6





#61

1,2,3-Trichloropropane

Concen: 25.565 ug/L

RT: 12.768 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

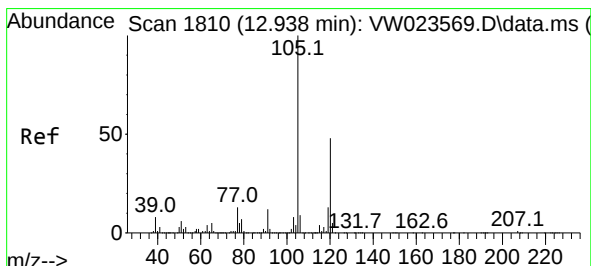
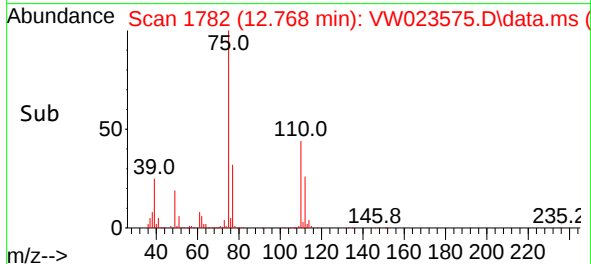
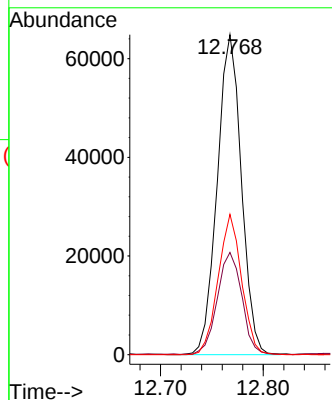
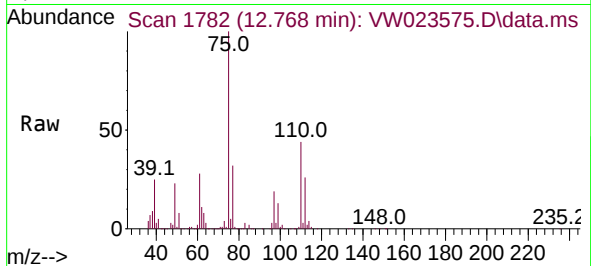
Tgt Ion: 75 Resp: 105943

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

110 42.4 34.3 51.5



#62

1,3,5-Trimethylbenzene

Concen: 25.791 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023575.D

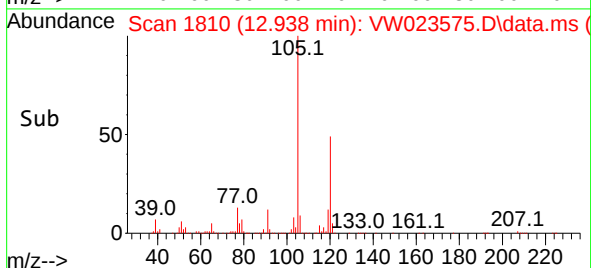
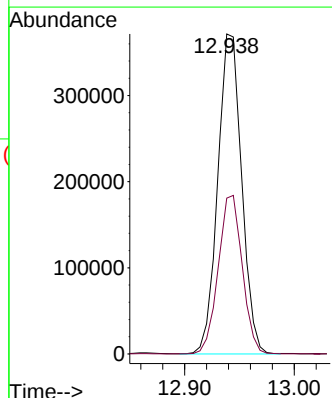
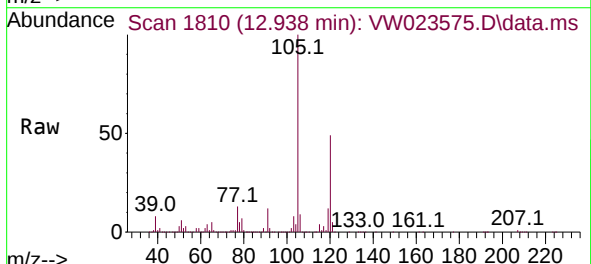
Acq: 07 Jul 2022 15:15

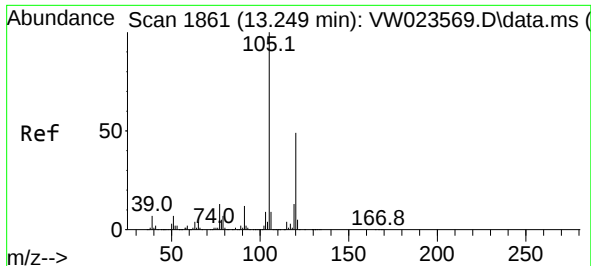
Tgt Ion:105 Resp: 563479

Ion Ratio Lower Upper

105 100

120 49.7 39.7 59.5

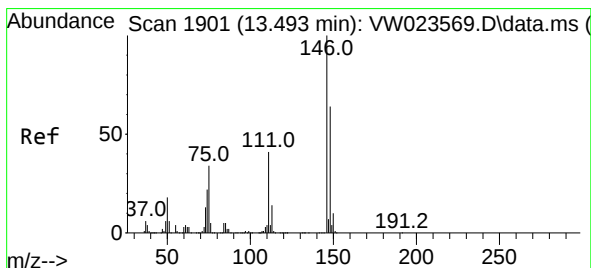
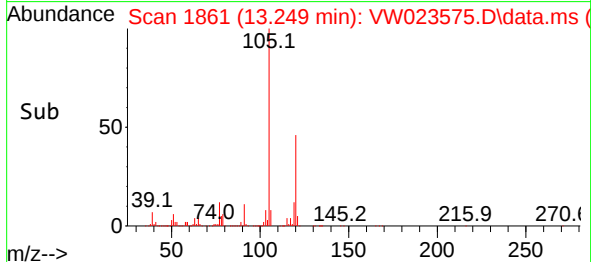
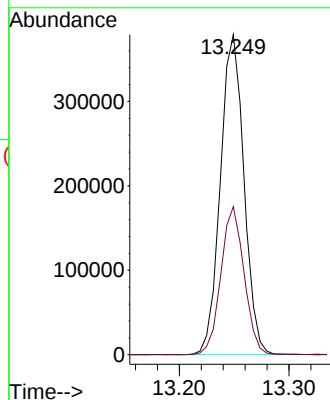
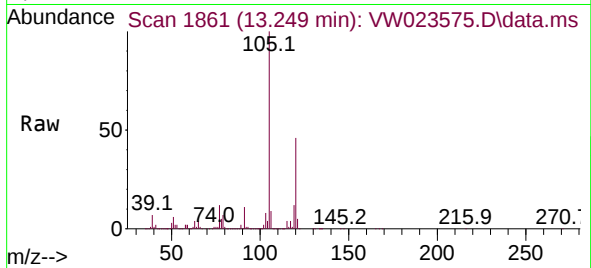




#63
 1,2,4-Trimethylbenzene
 Concen: 25.930 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW023575.D
 Acq: 07 Jul 2022 15:15

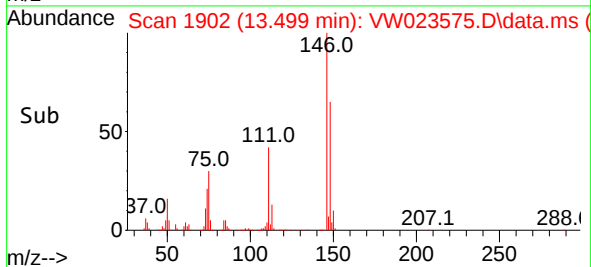
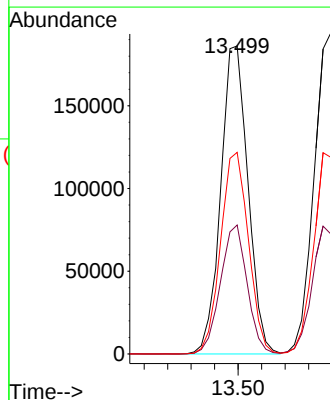
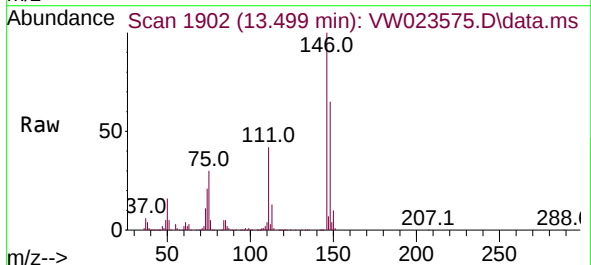
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

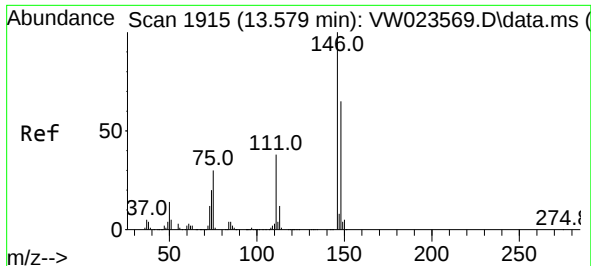
Tgt Ion:105 Resp: 566700
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.9 55.3



#64
 1,3-Dichlorobenzene
 Concen: 24.054 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW023575.D
 Acq: 07 Jul 2022 15:15

Tgt Ion:146 Resp: 299770
 Ion Ratio Lower Upper
 146 100
 111 41.9 26.7 49.7
 148 65.4 43.3 80.5

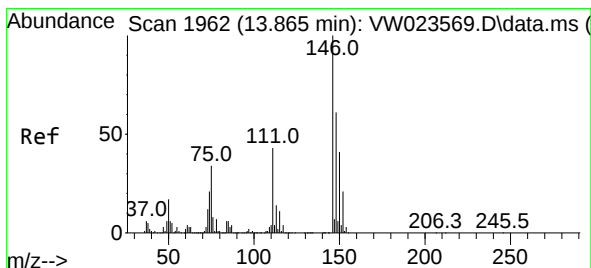
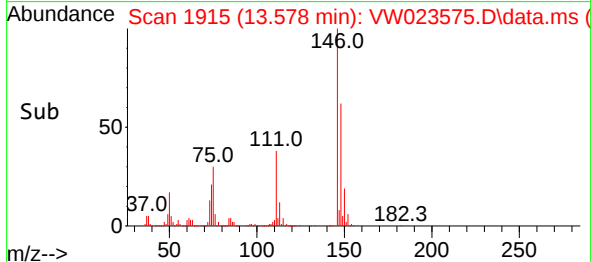
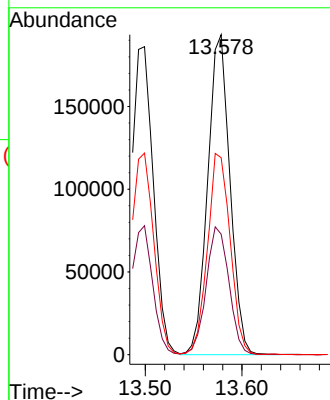
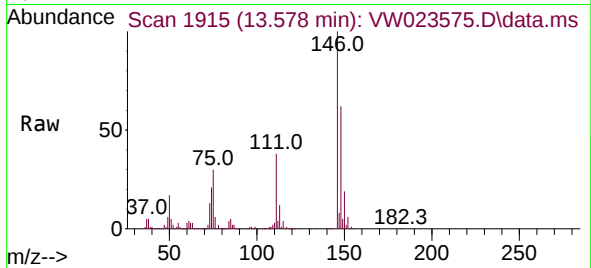




#65
1,4-Dichlorobenzene
Concen: 24.504 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

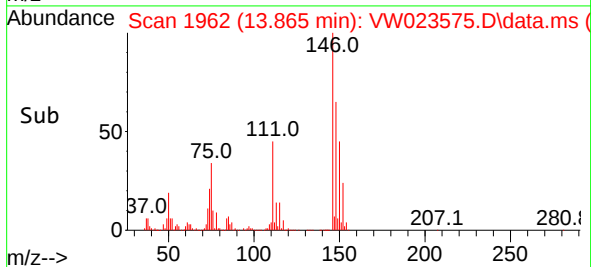
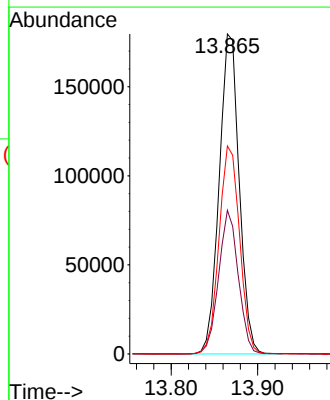
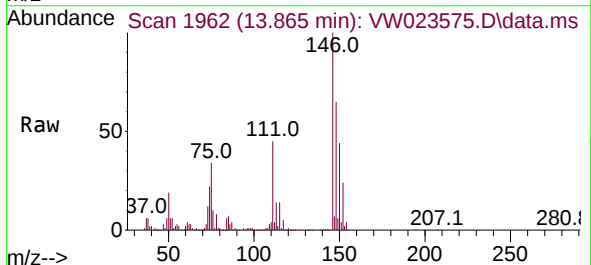
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

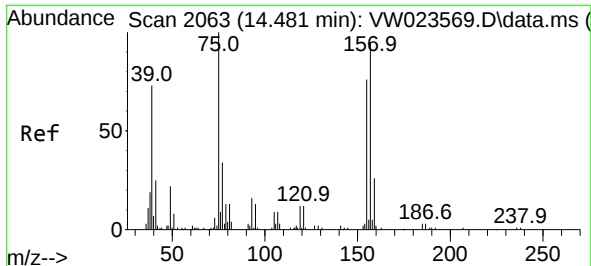
Tgt Ion:146 Resp: 309718
Ion Ratio Lower Upper
146 100
111 37.7 28.2 52.4
148 61.5 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 25.119 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

Tgt Ion:146 Resp: 288676
Ion Ratio Lower Upper
146 100
111 44.9 30.6 45.8
148 65.0 49.9 74.9





#68

1,2-Dibromo-3-chloropropane

Concen: 24.981 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

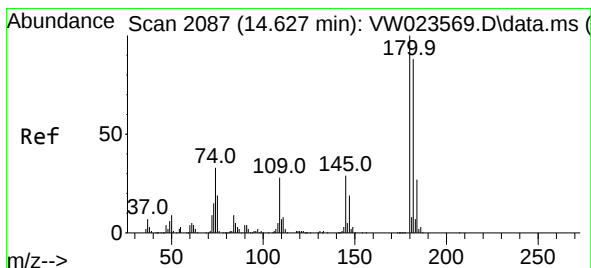
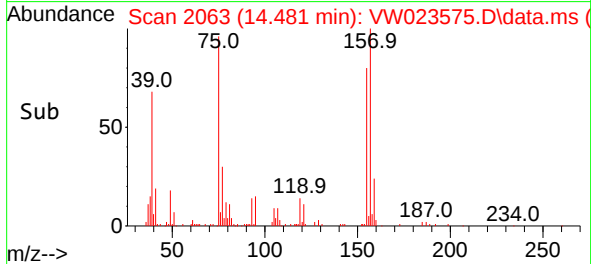
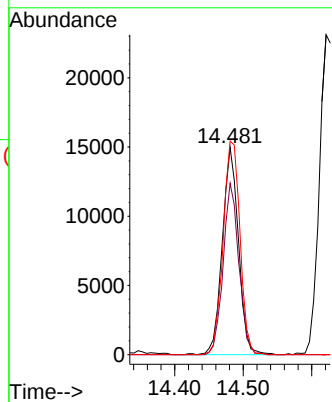
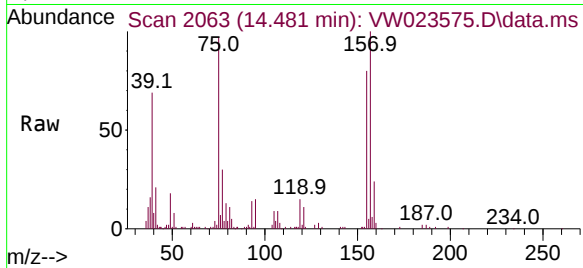
Tgt Ion: 75 Resp: 24396

Ion Ratio Lower Upper

75 100

155 82.7 63.8 95.6

157 103.1 85.0 127.4



#69

1,3,5-Trichlorobenzene

Concen: 24.265 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW023575.D

Acq: 07 Jul 2022 15:15

Tgt Ion:180 Resp: 196215

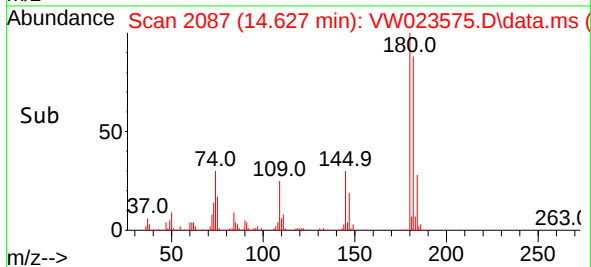
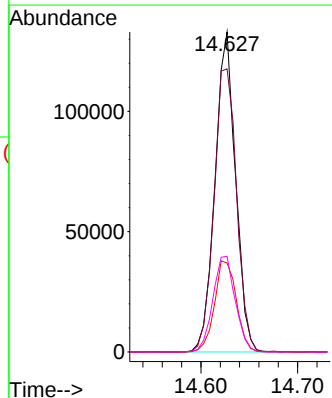
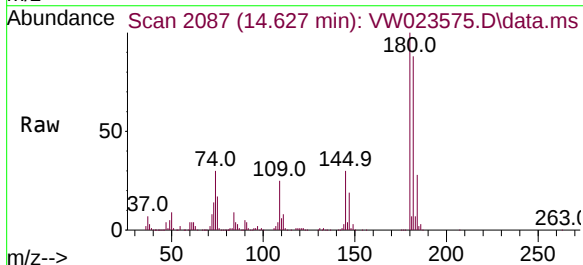
Ion Ratio Lower Upper

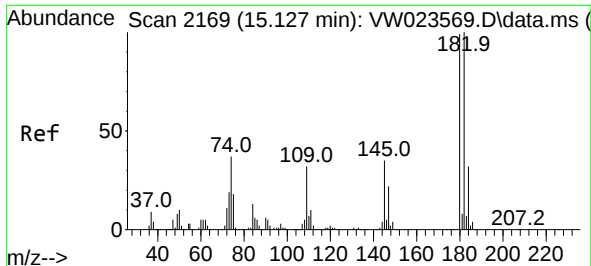
180 100

182 97.1 75.5 113.3

184 30.4 24.6 36.8

145 32.5 25.6 38.4

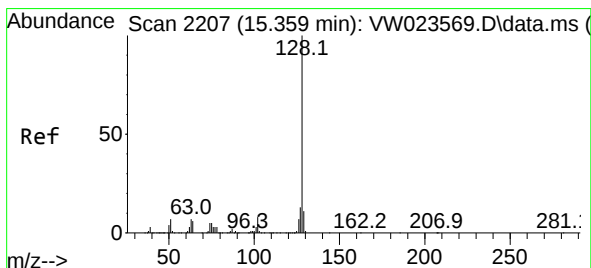
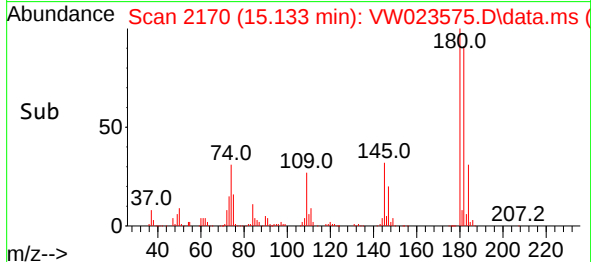
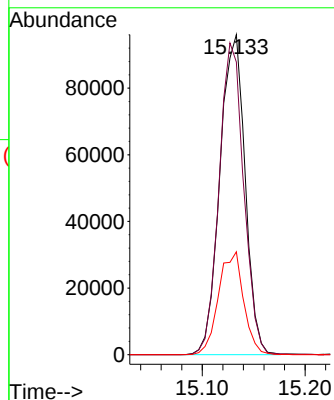
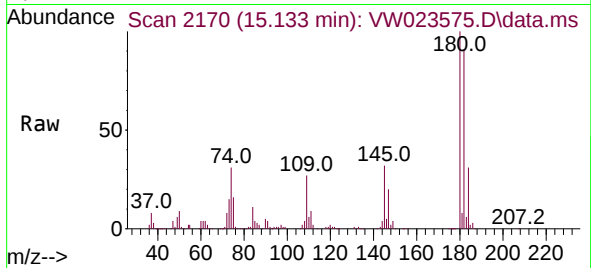




#70
1,2,4-trichlorobenzene
Concen: 24.944 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

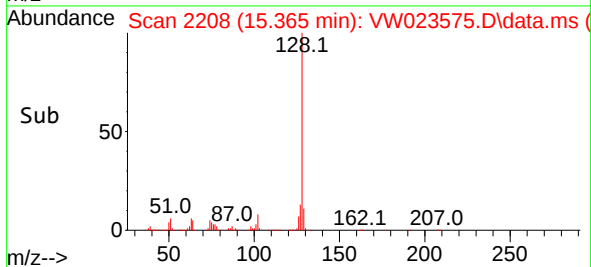
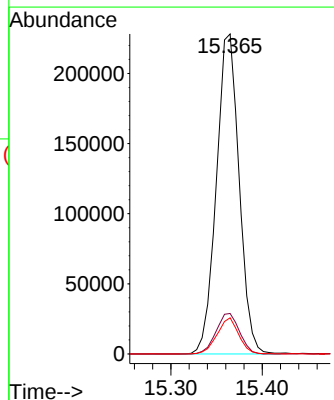
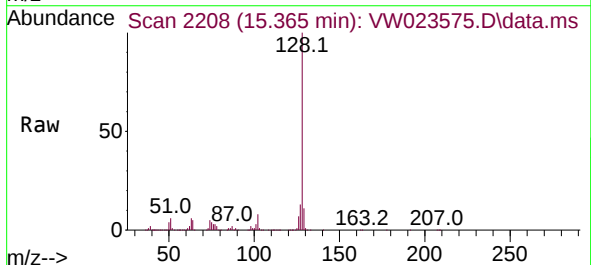
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

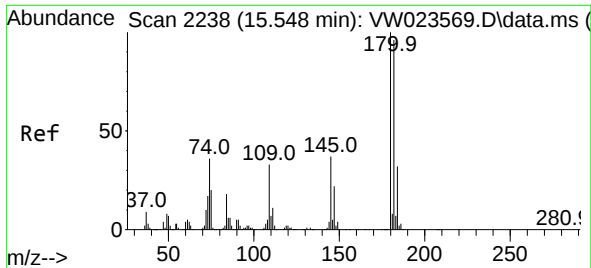
Tgt Ion:180 Resp: 162975
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.4
145 32.1 26.1 39.1



#71
Naphthalene
Concen: 28.038 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW023575.D
Acq: 07 Jul 2022 15:15

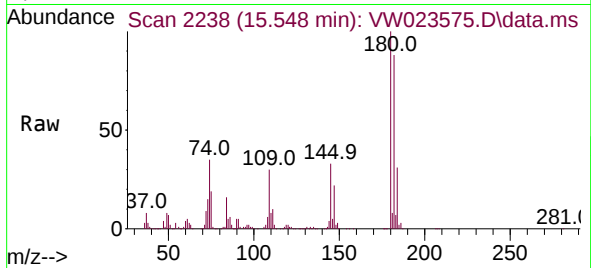
Tgt Ion:128 Resp: 395426
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 25.528 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW023575.D
 Acq: 07 Jul 2022 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590



Tgt Ion:180 Resp: 154605
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.6 113.4
 145 33.5 28.2 42.2

