

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060822\
 Data File : VW023435.D
 Acq On : 08 Jun 2022 18:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Quant Time: Jun 09 00:43:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 09 00:39:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	316036	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	314844	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167476	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	129337	26.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.760%	
7) Chloroethane-d5	2.885	69	100359	29.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.480%	
11) 1,1-Dichloroethene-d2	4.025	63	160700	21.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 87.480%	
21) 2-Butanone-d5	7.080	46	56306	59.680	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.360%	
24) Chloroform-d	7.646	84	214477	25.168	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.680%	
26) 1,2-Dichloroethane-d4	8.305	65	122977	27.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.880%	
32) Benzene-d6	8.274	84	412475	23.601	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 94.400%	
36) 1,2-Dichloropropane-d6	9.274	67	122523	25.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.040%	
41) Toluene-d8	10.323	98	392182	23.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.240%	
43) trans-1,3-Dichloroprop...	10.579	79	52676	24.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.400%	
47) 2-Hexanone-d5	10.920	63	43887	59.853	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.700%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125474	29.936	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 119.760%	
66) 1,2-Dichlorobenzene-d4	13.847	152	146877	24.230	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	47592	45.749	ug/L	93
3) Chloromethane	2.215	50	116612	31.792	ug/L	100
5) Vinyl chloride	2.361	62	180927	32.207	ug/L	99
6) Bromomethane	2.775	94	87078	28.201	ug/L	97
8) Chloroethane	2.916	64	92001	33.456	ug/L	94
9) Trichlorofluoromethane	3.257	101	56181	18.228	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	102573	25.329	ug/L	96
12) 1,1-Dichloroethene	4.043	96	87793	24.297	ug/L	90
13) Acetone	4.117	43	37440	52.909	ug/L	98
14) Carbon disulfide	4.379	76	277225	23.938	ug/L	98
15) Methyl Acetate	4.665	43	48529	31.225	ug/L	93
16) Methylene chloride	4.915	84	111902	24.581	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	108543	25.209	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	180853	28.985	ug/L	98
19) 1,1-Dichloroethane	6.214	63	200589	27.857	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	121931	27.074	ug/L #	98
22) 2-Butanone	7.171	43	65343	63.453	ug/L	98
23) Bromochloromethane	7.512	128	58361	27.627	ug/L	94
25) Chloroform	7.677	83	225144	28.234	ug/L	90

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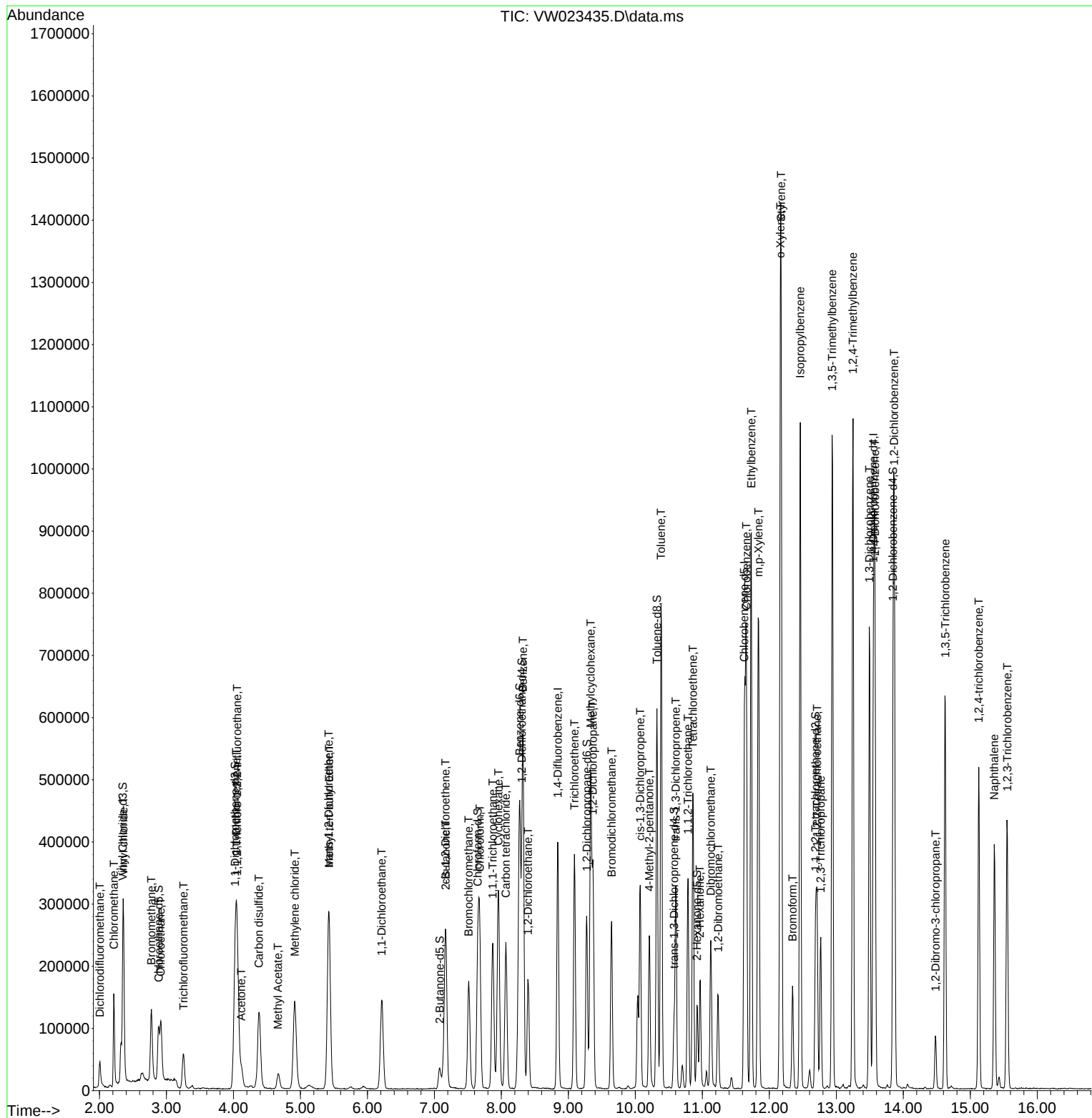
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	157465	31.364	ug/L	97
29) Cyclohexane	7.957	56	167339	24.875	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	185540	24.771	ug/L	98
31) Carbon tetrachloride	8.067	117	165058	23.886	ug/L	100
33) Benzene	8.323	78	490261	26.534	ug/L	100
34) Trichloroethene	9.091	95	124745	24.680	ug/L	99
35) Methylcyclohexane	9.335	83	204271	24.622	ug/L	97
37) 1,2-Dichloropropane	9.366	63	120682	27.872	ug/L	99
38) Bromodichloromethane	9.646	83	171635	28.254	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	183551	27.060	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	155482	66.045	ug/L	99
42) Toluene	10.384	91	558798	26.821	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	169180	28.577	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	101514	29.203	ug/L	97
46) Tetrachloroethene	10.859	164	94862	23.724	ug/L	92
48) 2-Hexanone	10.963	43	109744	72.086	ug/L	96
49) Dibromochloromethane	11.128	129	118458	28.175	ug/L	98
50) 1,2-Dibromoethane	11.237	107	97437	28.614	ug/L	99
51) Chlorobenzene	11.658	112	363028	26.624	ug/L	96
52) Ethylbenzene	11.731	91	625095	27.231	ug/L	100
53) m,p-Xylene	11.841	106	245470	27.628	ug/L	97
54) o-Xylene	12.164	106	246176	28.923	ug/L	99
55) Styrene	12.176	104	432552	29.533	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	133252	31.966	ug/L	97
59) Bromoform	12.347	173	67987	29.294	ug/L	100
60) Isopropylbenzene	12.463	105	660789	27.571	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	95666	31.582	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	556706	28.065	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	560570	28.553	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	278740	25.632	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	289602	26.038	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	272103	27.582	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20701	32.181	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	178848	24.872	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	144546	25.952	ug/L	99
71) Naphthalene	15.359	128	321267	31.079	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	130077	26.858	ug/L	94

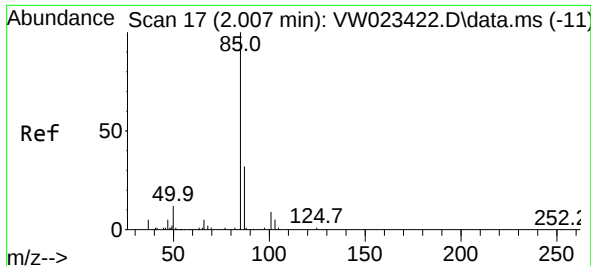
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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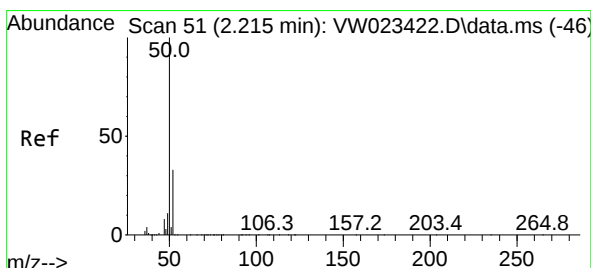
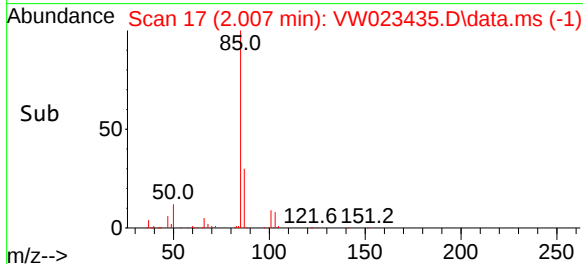
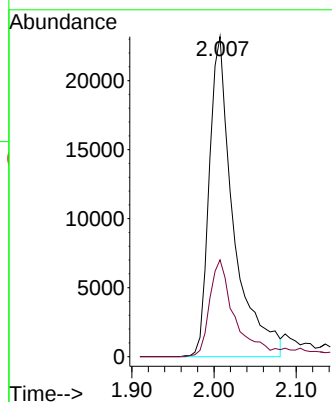
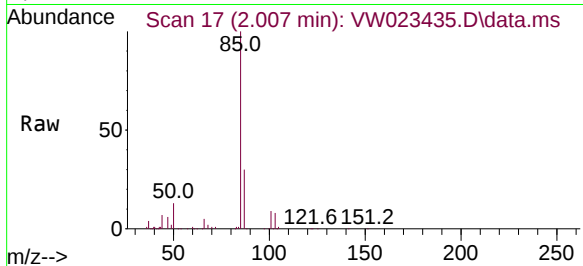




#2
Dichlorodifluoromethane
Concen: 45.749 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

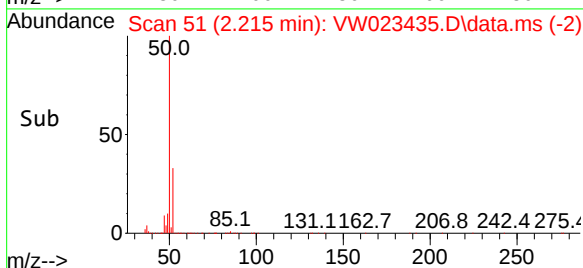
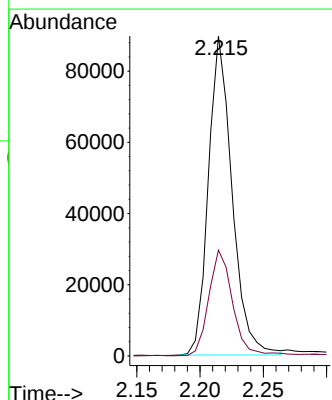
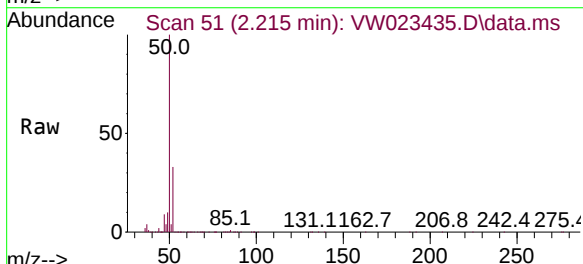
Instrument :
MSVOA_W
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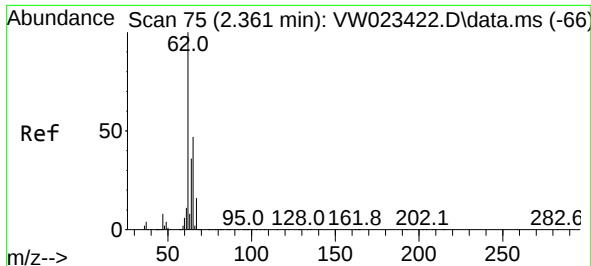
Tgt Ion: 85 Resp: 47592
Ion Ratio Lower Upper
85 100
87 30.7 27.8 41.8



#3
Chloromethane
Concen: 31.792 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 50 Resp: 116612
Ion Ratio Lower Upper
50 100
52 33.1 23.1 42.9

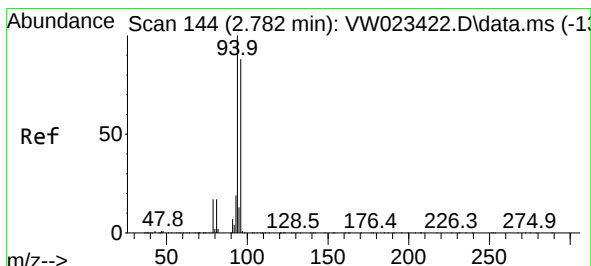
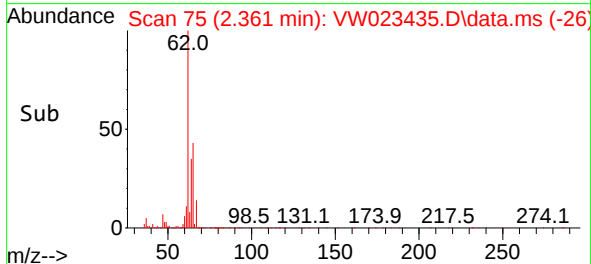
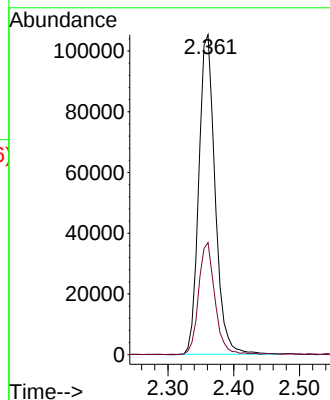
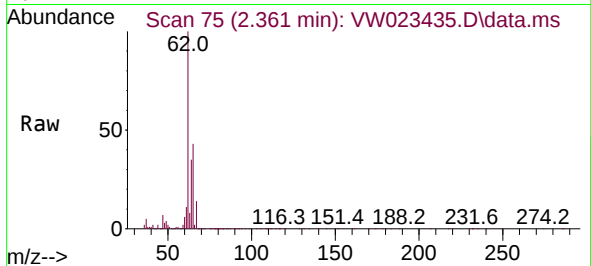




#5
 Vinyl chloride
 Concen: 32.207 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023435.D
 Acq: 08 Jun 2022 18:04

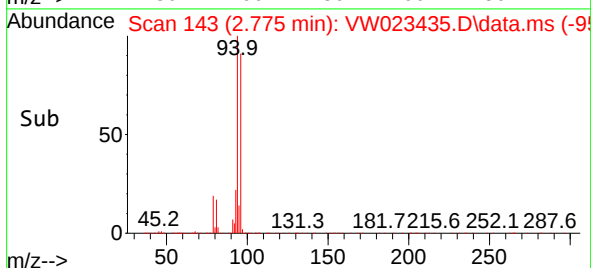
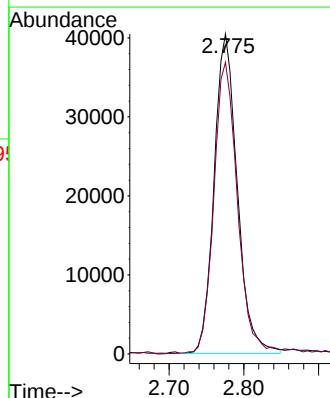
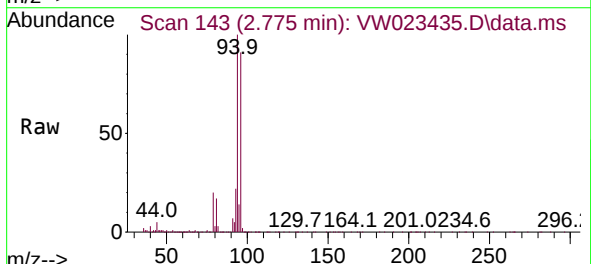
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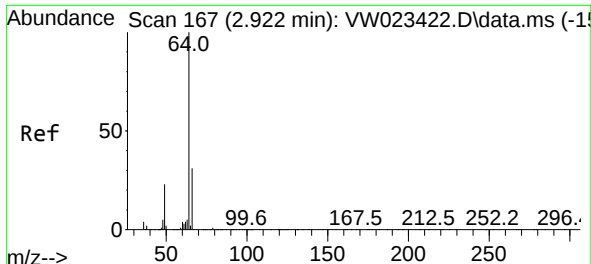
Tgt Ion: 62 Resp: 180927
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.9 46.3



#6
 Bromomethane
 Concen: 28.201 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023435.D
 Acq: 08 Jun 2022 18:04

Tgt Ion: 94 Resp: 87078
 Ion Ratio Lower Upper
 94 100
 96 91.1 61.7 114.5

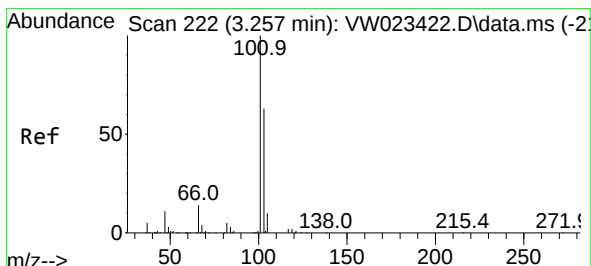
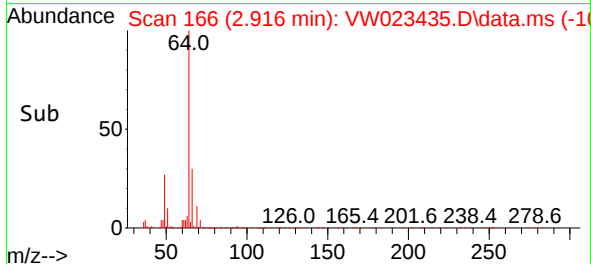
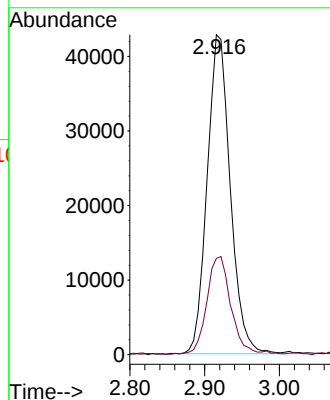
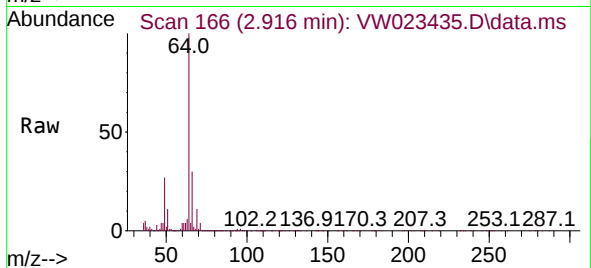




#8
Chloroethane
Concen: 33.456 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

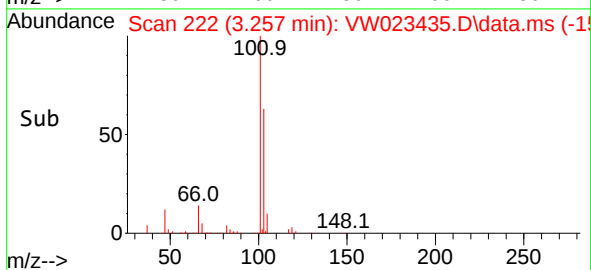
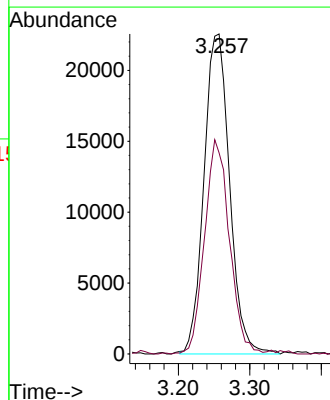
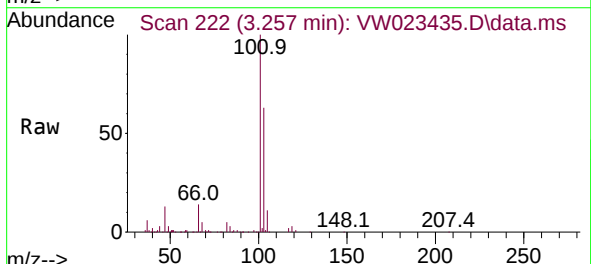
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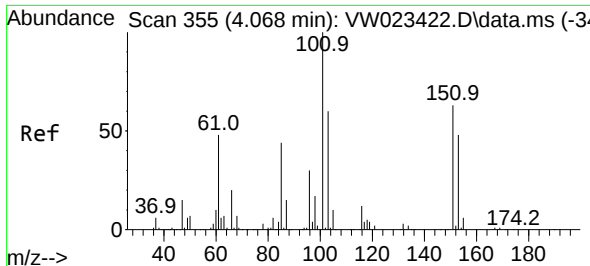
Tgt Ion: 64 Resp: 92001
Ion Ratio Lower Upper
64 100
66 30.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.228 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 101 Resp: 56181
Ion Ratio Lower Upper
101 100
103 65.0 53.9 80.9

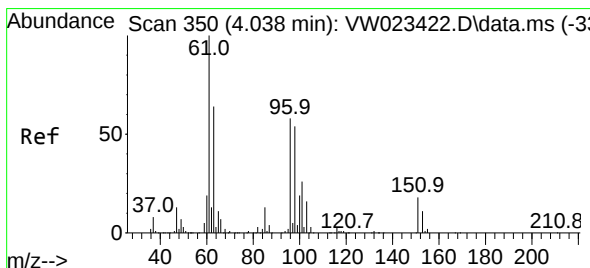
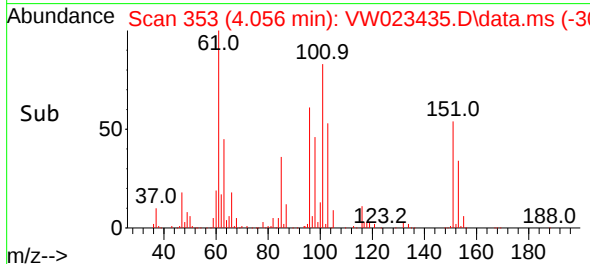
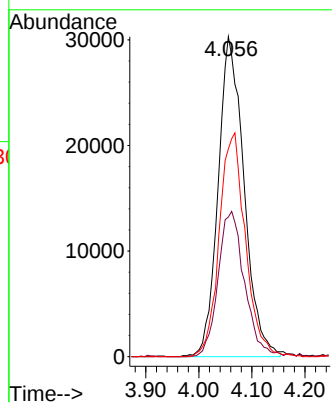
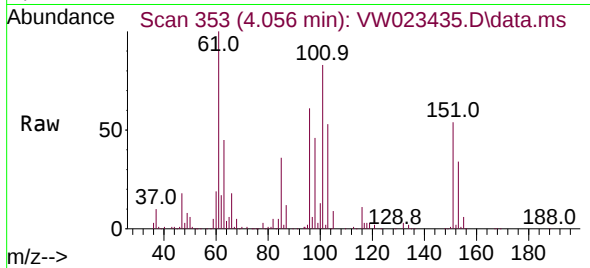




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.329 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW023435.D
 Acq: 08 Jun 2022 18:04

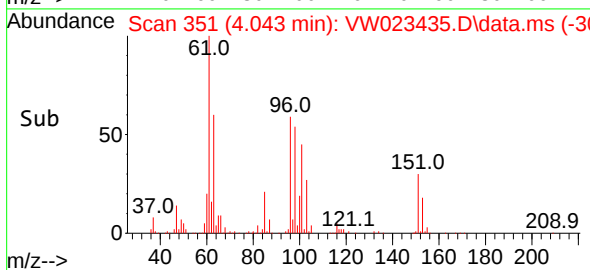
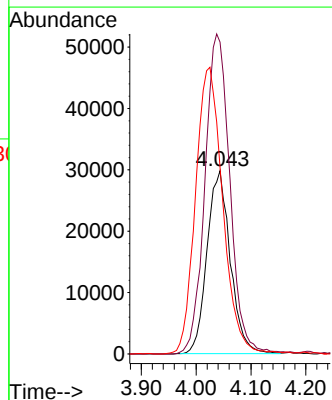
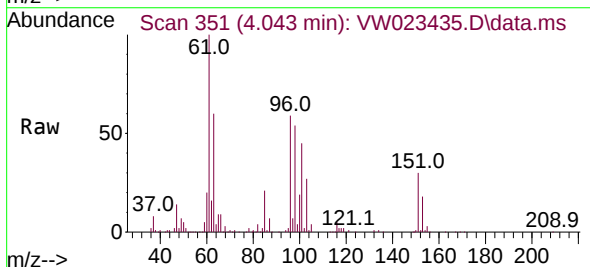
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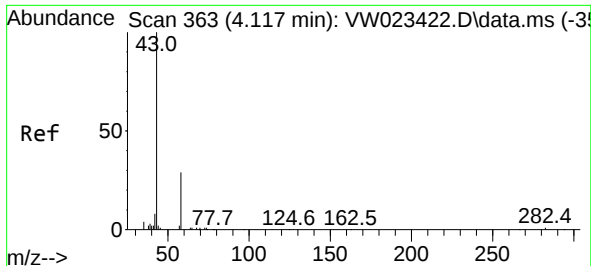
Tgt Ion:101 Resp: 102573
 Ion Ratio Lower Upper
 101 100
 85 46.3 34.3 51.5
 151 70.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.297 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023435.D
 Acq: 08 Jun 2022 18:04

Tgt Ion: 96 Resp: 87793
 Ion Ratio Lower Upper
 96 100
 61 170.3 125.7 233.5
 63 101.9 83.4 155.0

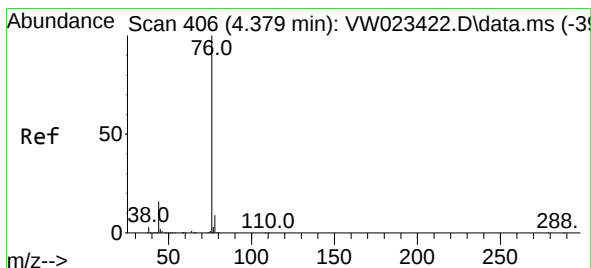
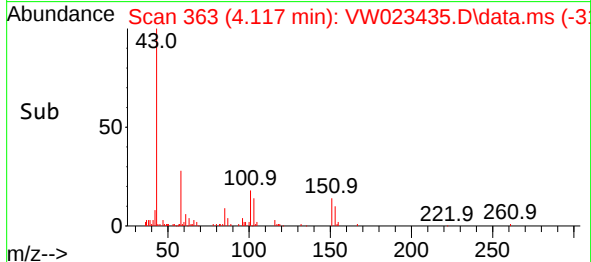
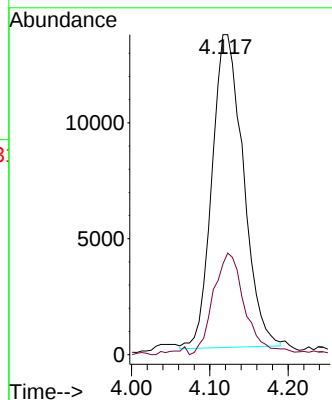
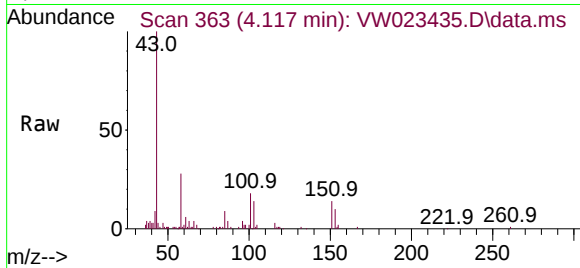




#13
Acetone
Concen: 52.909 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
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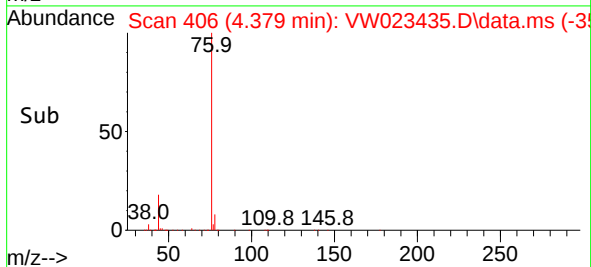
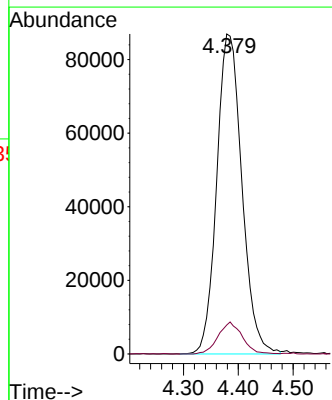
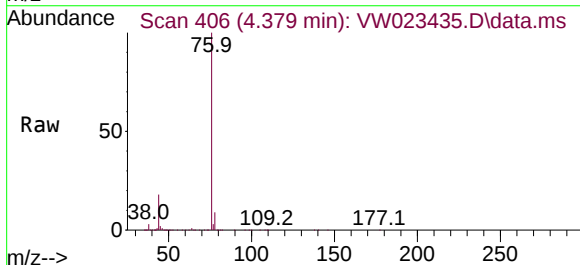
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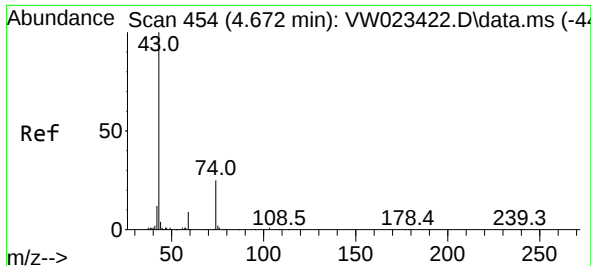
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Ion Ratio Lower Upper
43 100
58 32.9 0.0 64.0



#14
Carbon disulfide
Concen: 23.938 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 76 Resp: 277225
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5

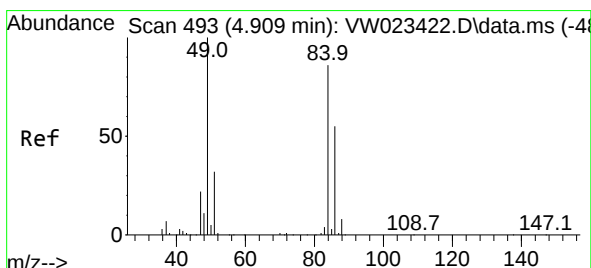
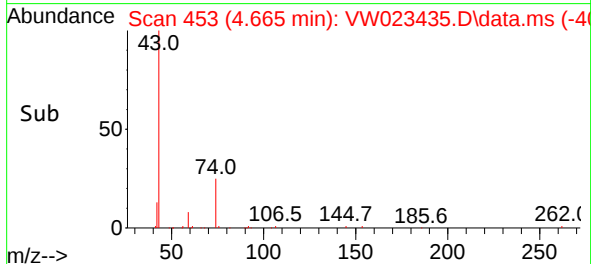
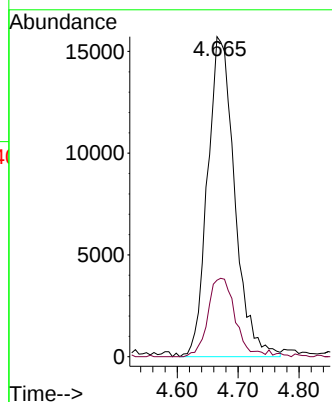
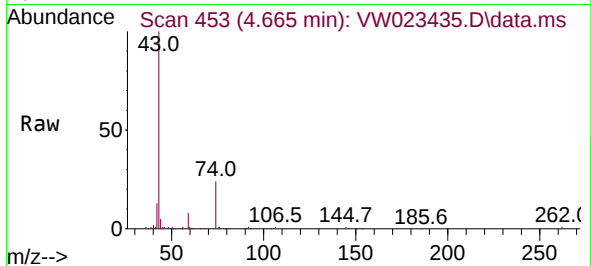




#15
Methyl Acetate
Concen: 31.225 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

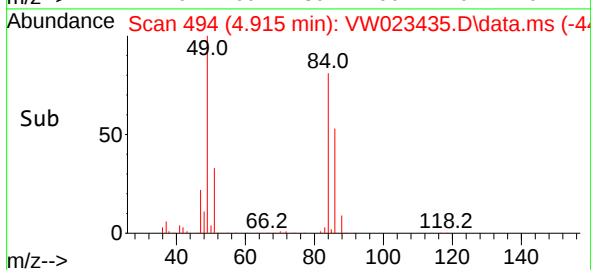
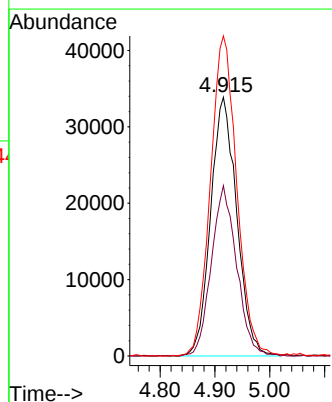
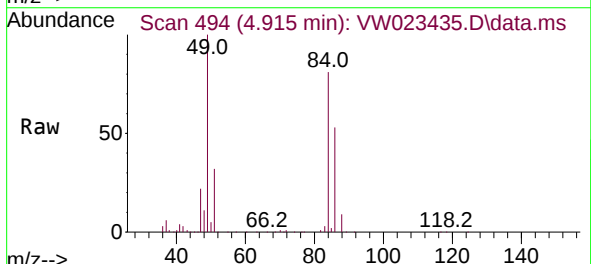
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

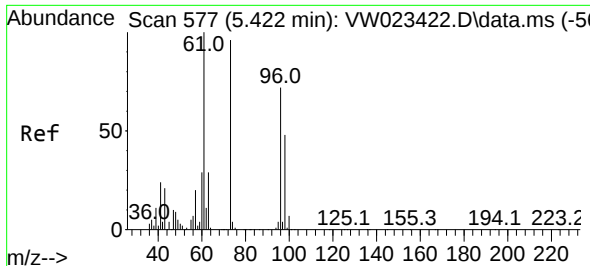
Tgt Ion: 43 Resp: 48529
Ion Ratio Lower Upper
43 100
74 23.8 21.9 32.9



#16
Methylene chloride
Concen: 24.581 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 84 Resp: 111902
Ion Ratio Lower Upper
84 100
86 65.8 45.4 84.4
49 123.7 82.5 153.1

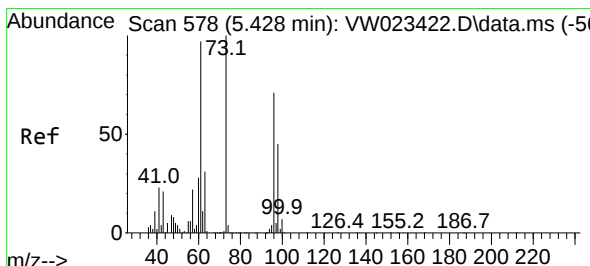
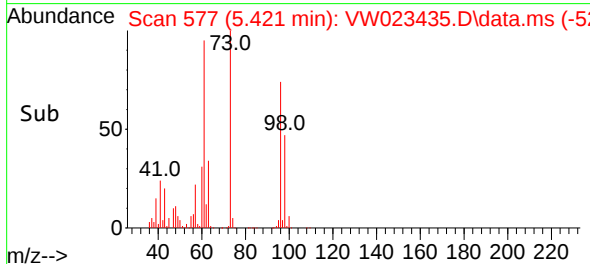
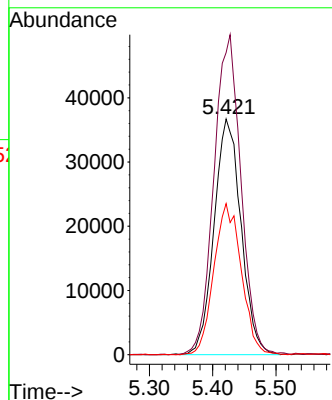
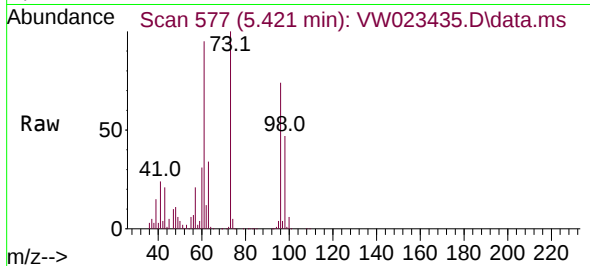




#17
trans-1,2-Dichloroethene
Concen: 25.209 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

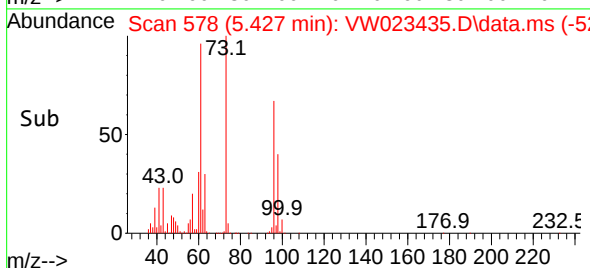
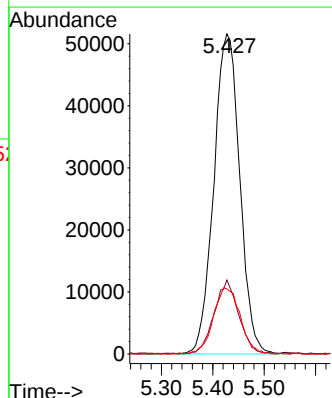
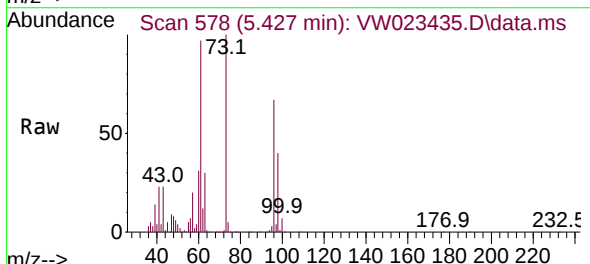
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

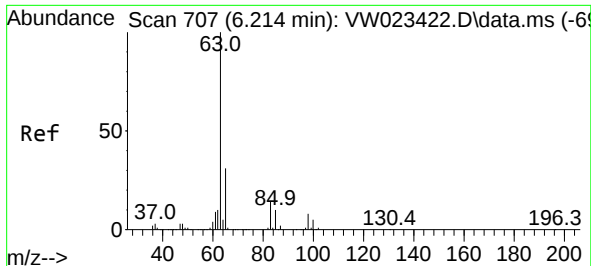
Tgt Ion: 96 Resp: 108543
Ion Ratio Lower Upper
96 100
61 128.2 92.2 171.2
98 64.1 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 28.985 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 73 Resp: 180853
Ion Ratio Lower Upper
73 100
43 21.7 15.9 23.9
57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 27.857 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

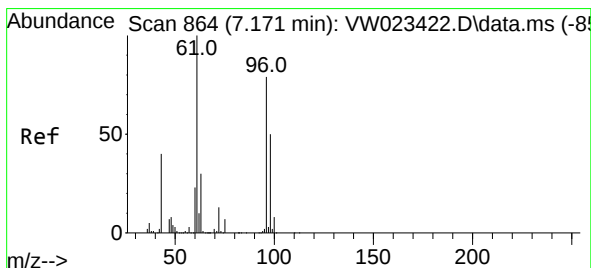
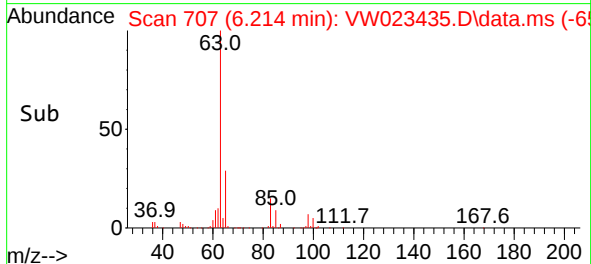
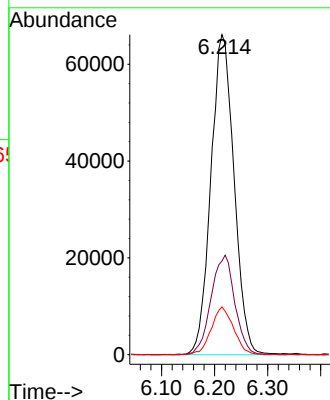
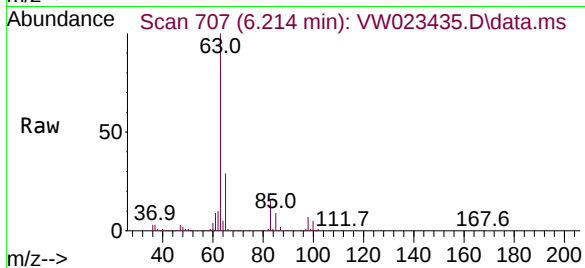
Tgt Ion: 63 Resp: 200589

Ion Ratio Lower Upper

63 100

65 29.3 23.3 43.3

83 15.0 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 27.074 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

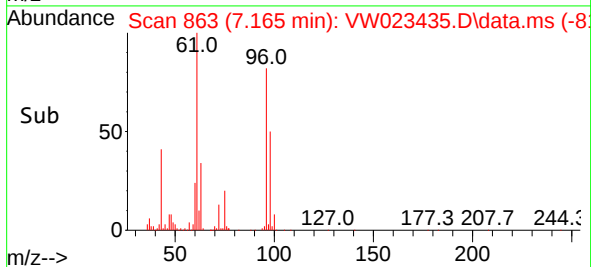
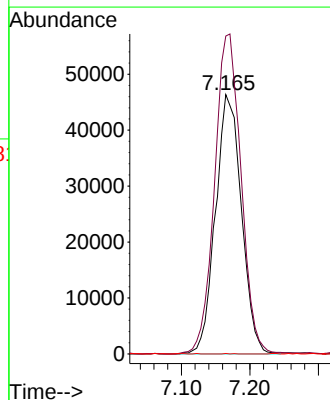
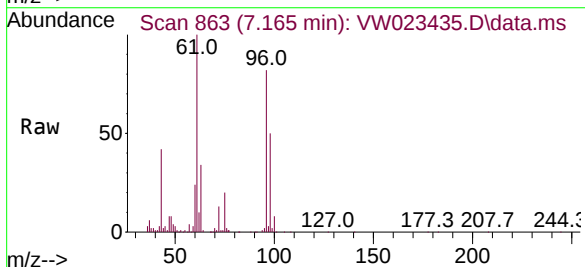
Tgt Ion: 96 Resp: 121931

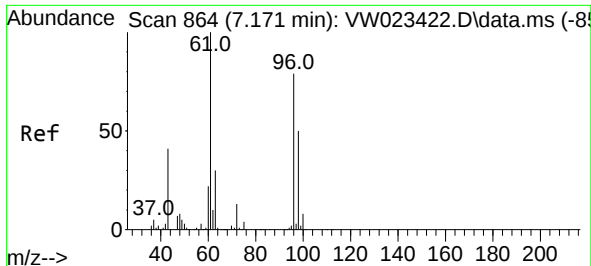
Ion Ratio Lower Upper

96 100

61 122.6 84.2 156.4

68 0.2 0.1 0.1#

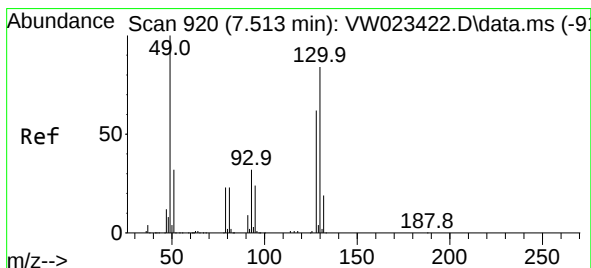
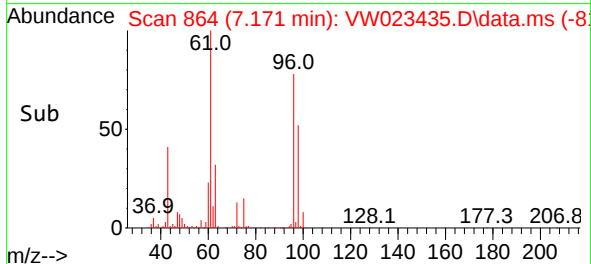
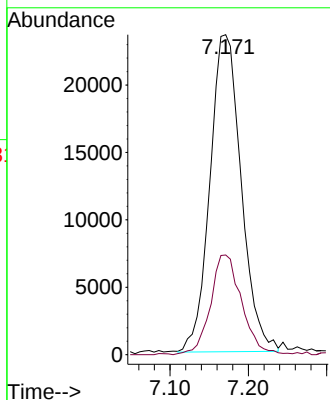
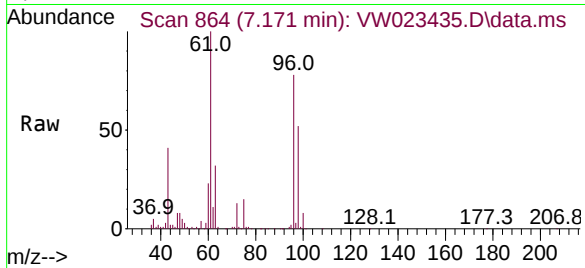




#22
2-Butanone
Concen: 63.453 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

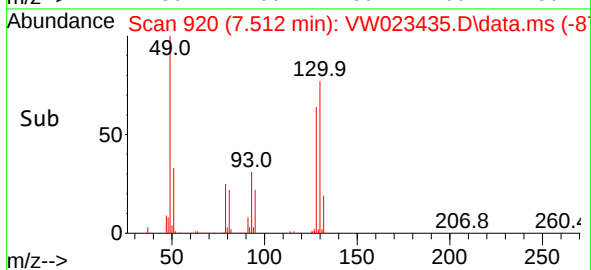
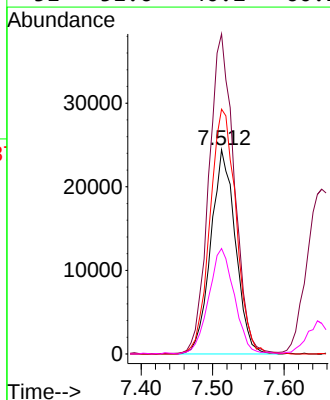
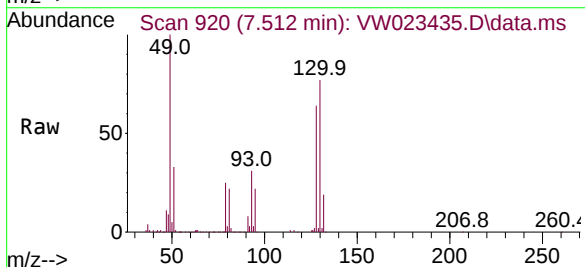
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

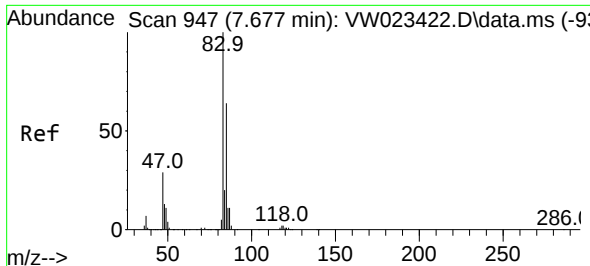
Tgt Ion: 43 Resp: 65343
Ion Ratio Lower Upper
43 100
72 31.3 15.1 45.3



#23
Bromochloromethane
Concen: 27.627 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 128 Resp: 58361
Ion Ratio Lower Upper
128 100
49 156.7 110.0 204.4
130 119.9 94.8 176.0
51 51.6 40.2 60.2

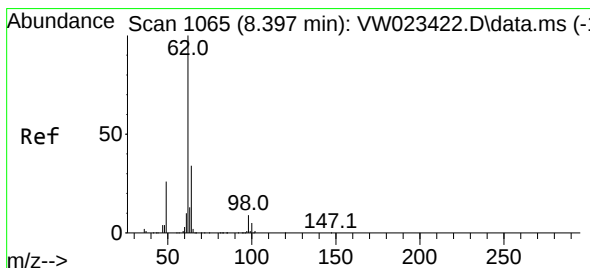
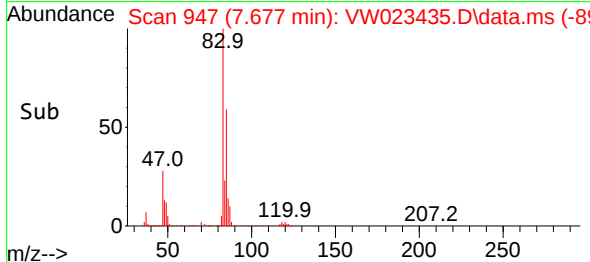
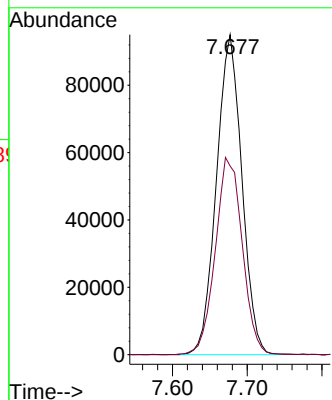
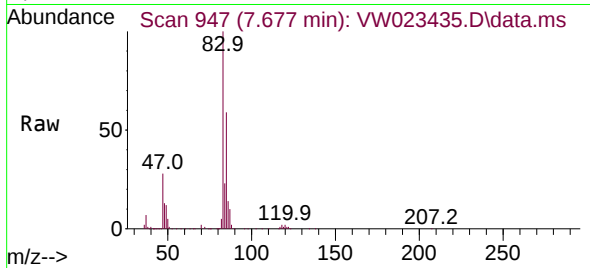




#25
Chloroform
Concen: 28.234 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

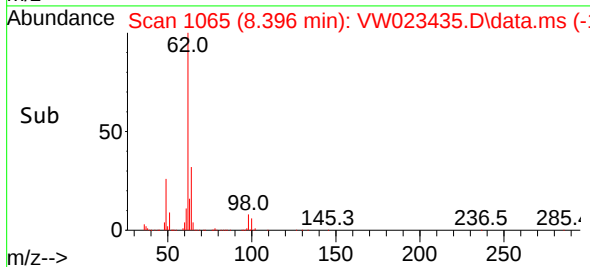
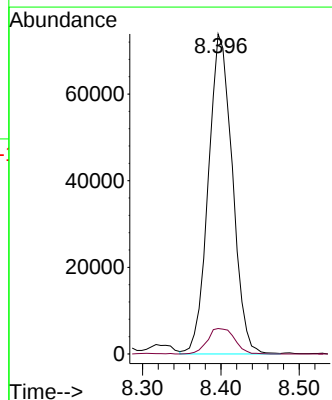
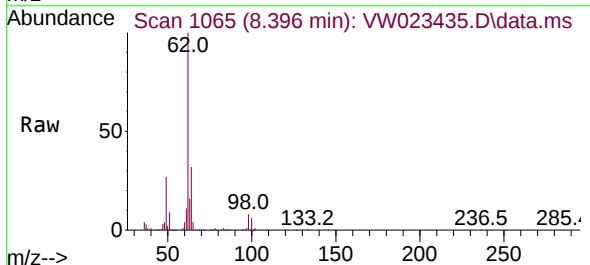
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

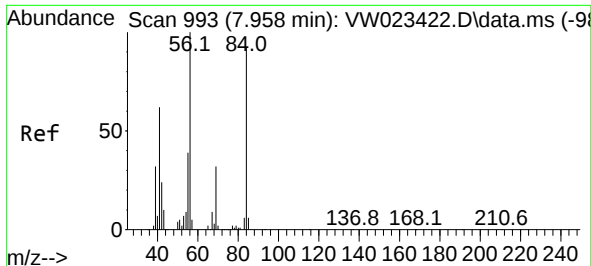
Tgt Ion: 83 Resp: 225144
Ion Ratio Lower Upper
83 100
85 58.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 31.364 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

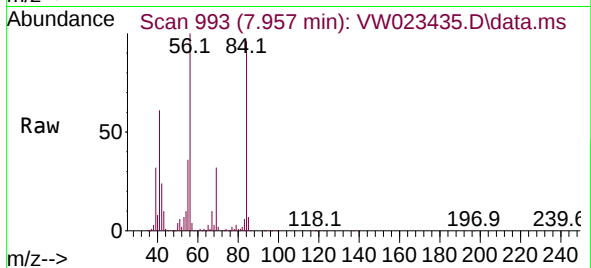
Tgt Ion: 62 Resp: 157465
Ion Ratio Lower Upper
62 100
98 7.9 7.2 10.8





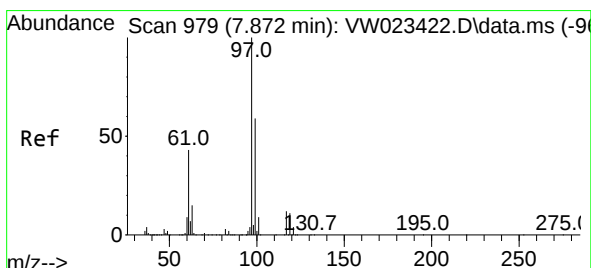
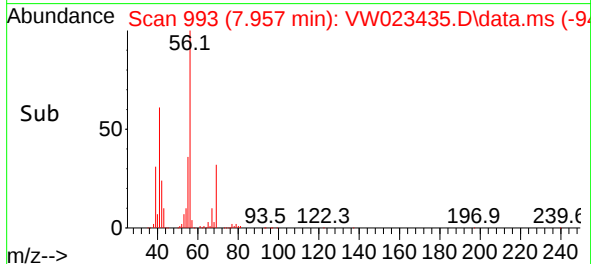
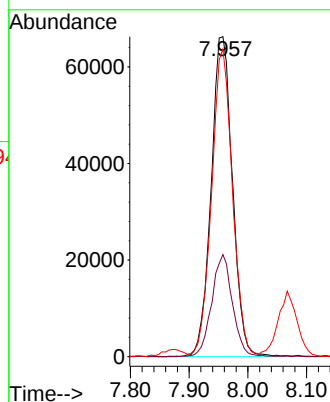
#29
Cyclohexane
Concen: 24.875 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567



Tgt Ion: 56 Resp: 167339

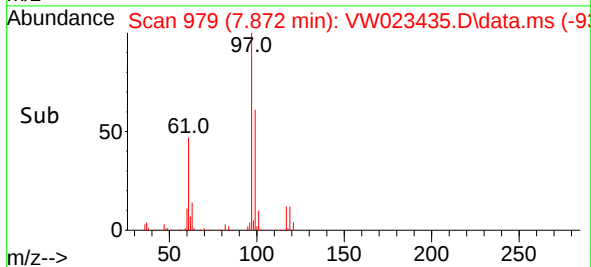
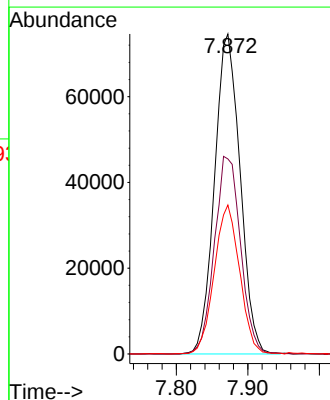
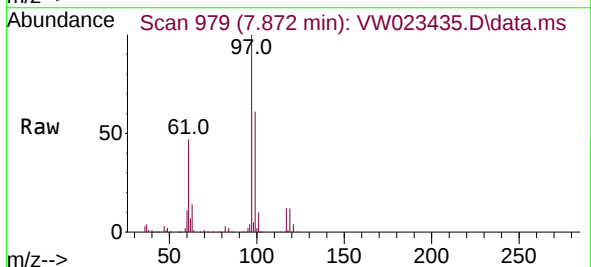
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.6	38.4
84	93.5	78.2	117.4

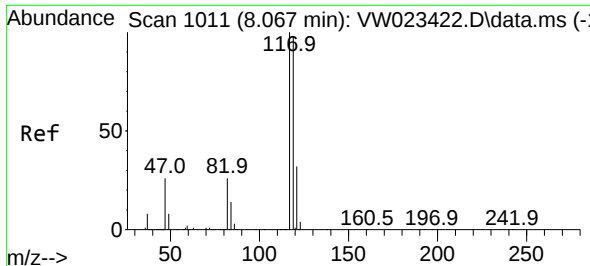


#30
1,1,1-Trichloroethane
Concen: 24.771 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 97 Resp: 185540

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.4
61	46.2	34.8	52.2

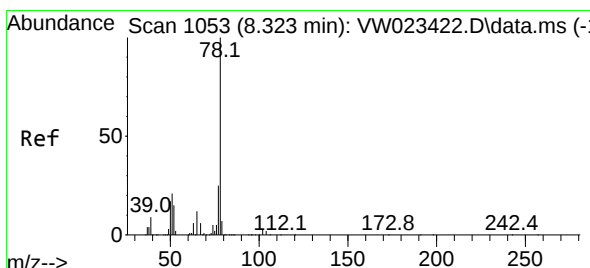
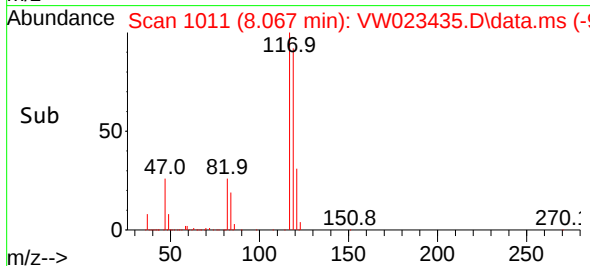
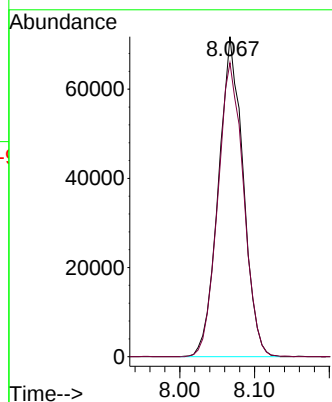
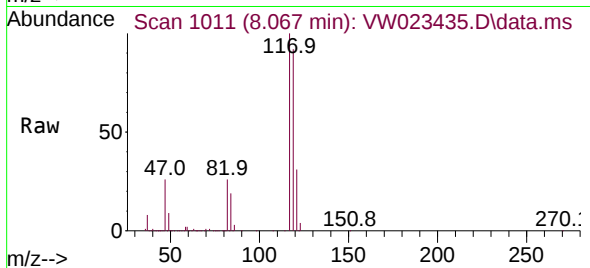




#31
Carbon tetrachloride
Concen: 23.886 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

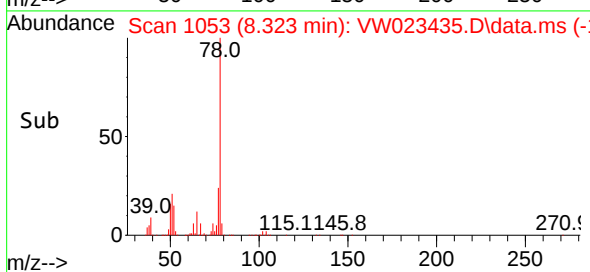
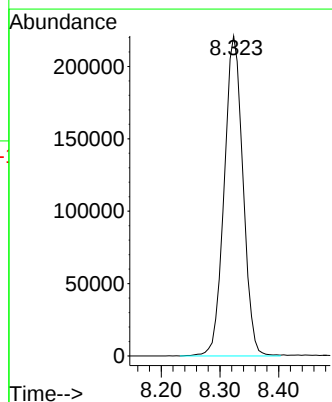
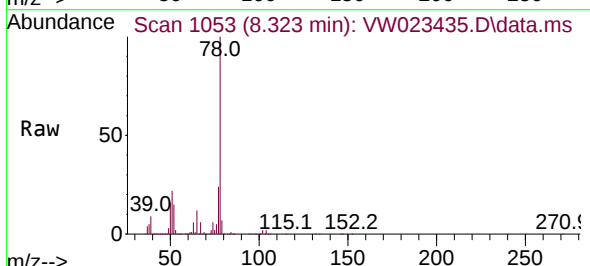
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

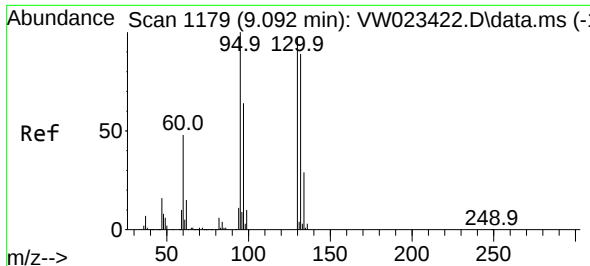
Tgt Ion:117 Resp: 165058
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0



#33
Benzene
Concen: 26.534 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 78 Resp: 490261





#34

Trichloroethene

Concen: 24.680 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

Tgt Ion: 95 Resp: 124745

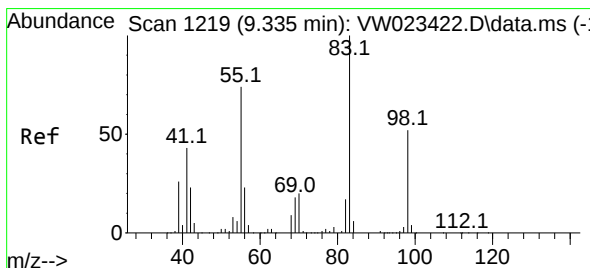
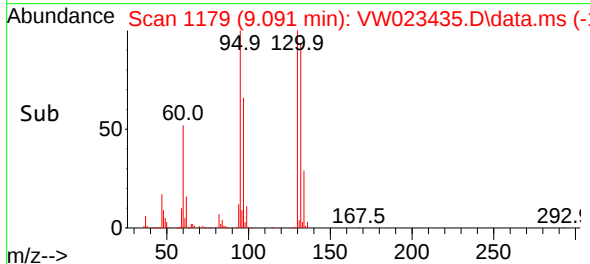
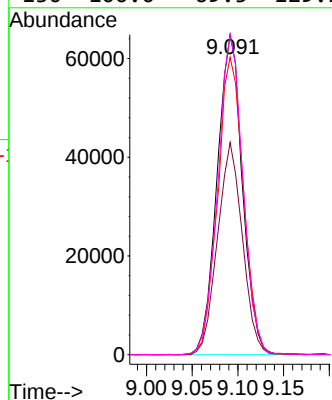
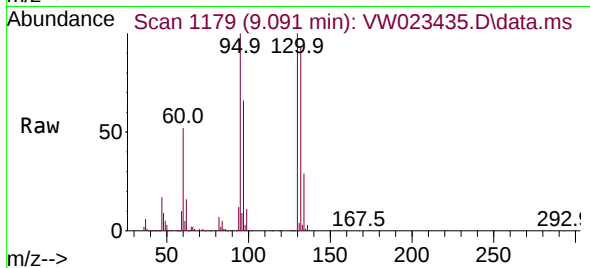
Ion Ratio Lower Upper

95 100

97 66.3 46.1 85.7

132 92.9 66.9 124.3

130 100.0 69.5 129.1



#35

Methylcyclohexane

Concen: 24.622 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

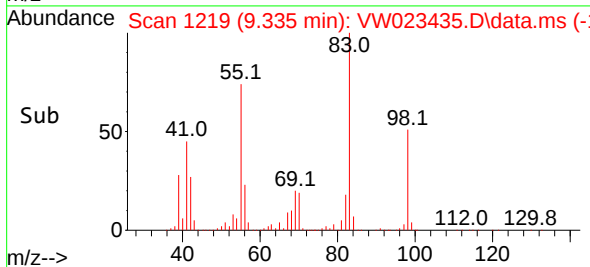
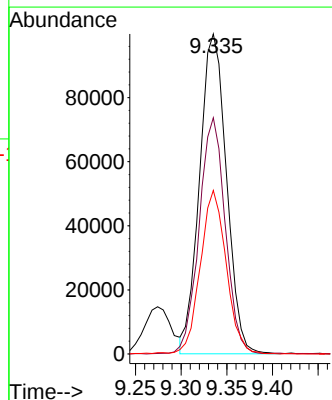
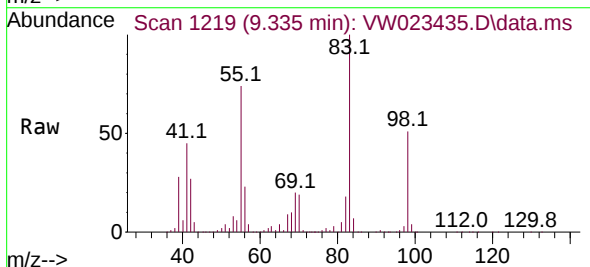
Tgt Ion: 83 Resp: 204271

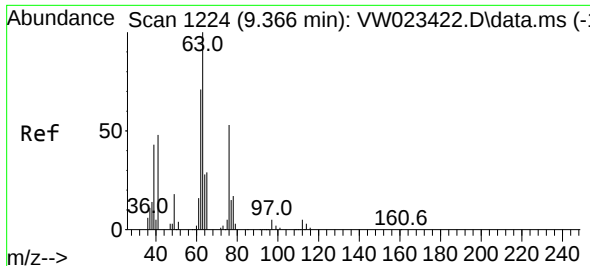
Ion Ratio Lower Upper

83 100

55 71.8 55.1 82.7

98 49.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 27.872 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

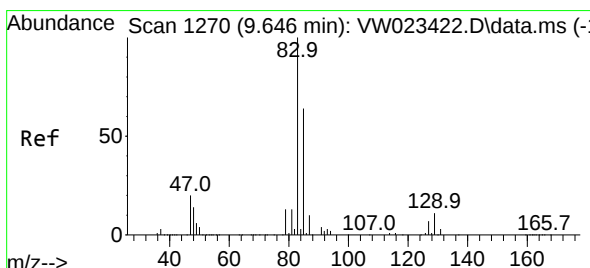
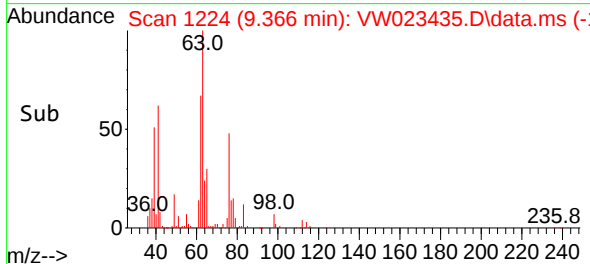
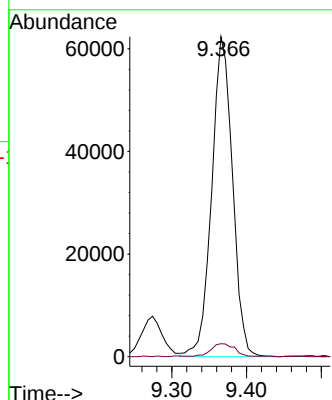
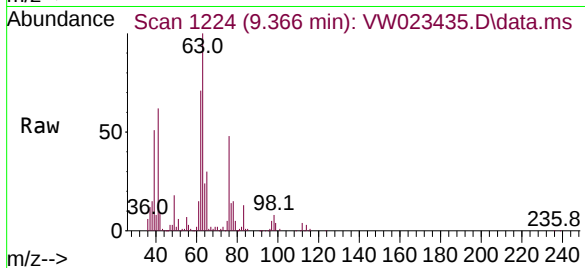
VSTD025567

Tgt Ion: 63 Resp: 120682

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.8



#38

Bromodichloromethane

Concen: 28.254 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

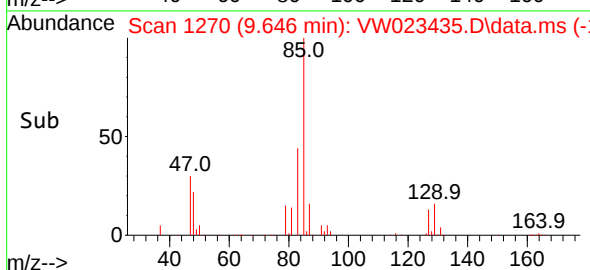
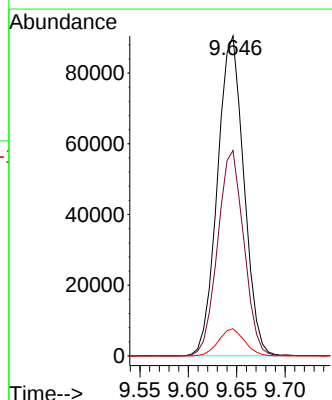
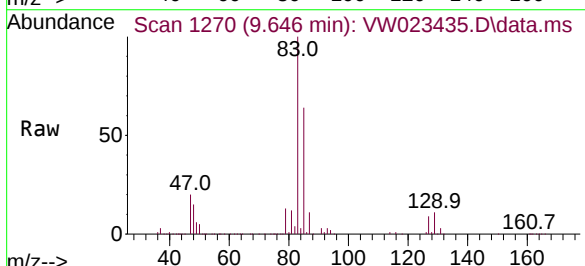
Tgt Ion: 83 Resp: 171635

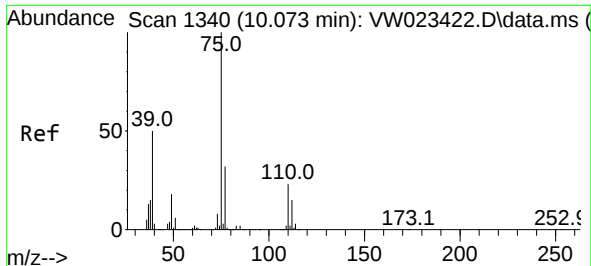
Ion Ratio Lower Upper

83 100

85 64.2 43.5 80.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 27.060 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

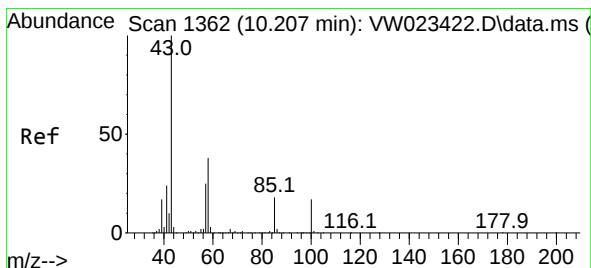
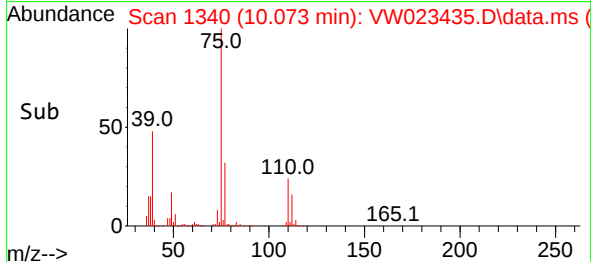
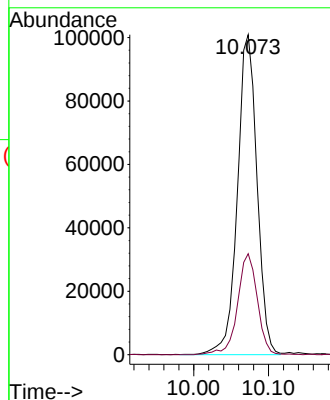
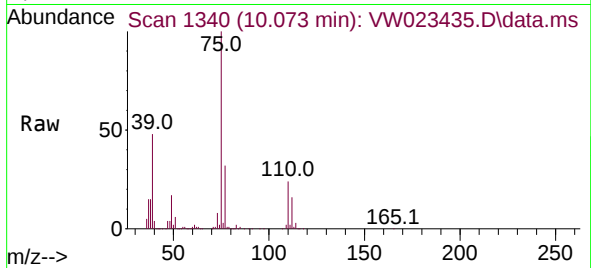
VSTD025567

Tgt Ion: 75 Resp: 183551

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 66.045 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

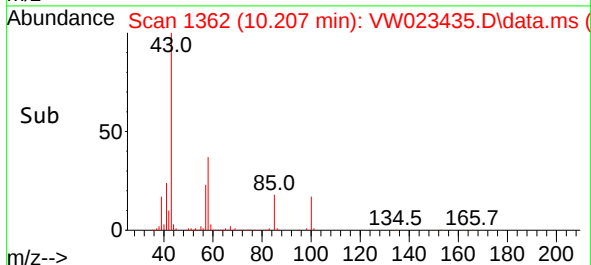
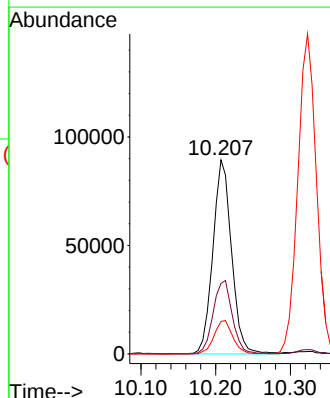
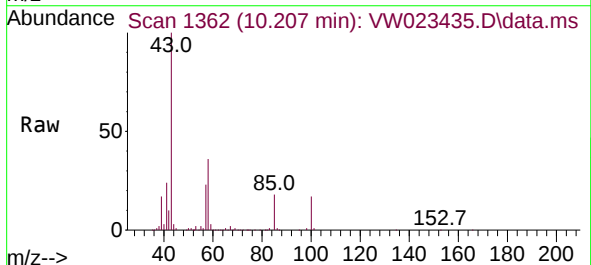
Tgt Ion: 43 Resp: 155482

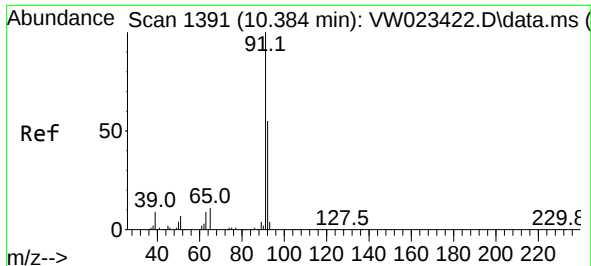
Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.2

100 17.3 14.2 21.4

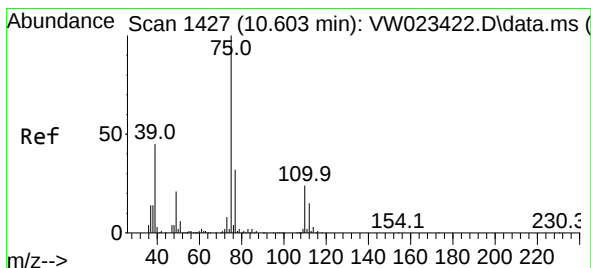
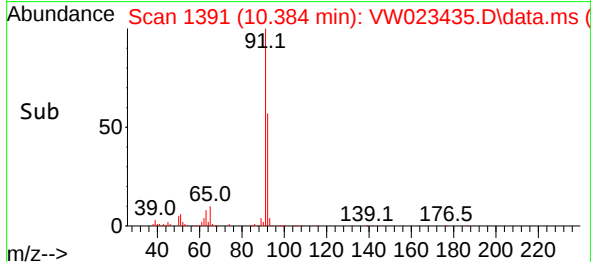
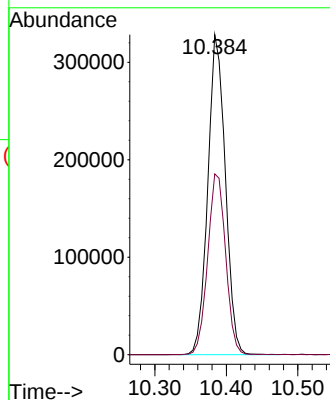
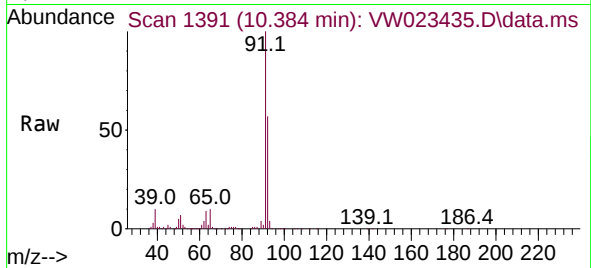




#42
Toluene
Concen: 26.821 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

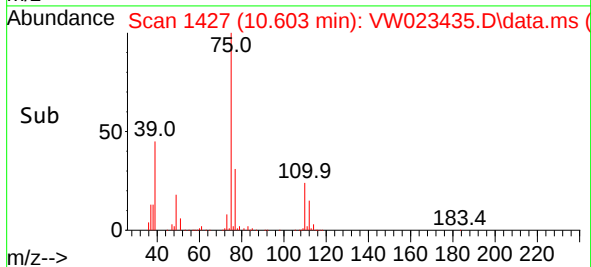
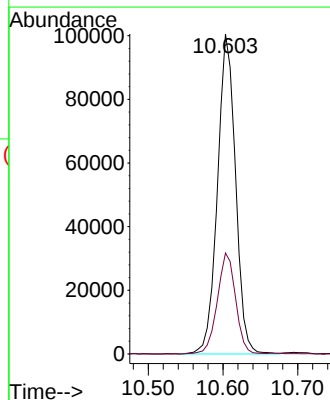
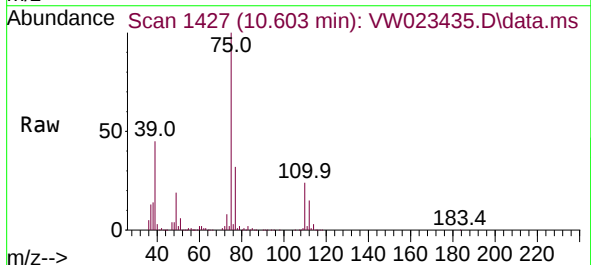
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

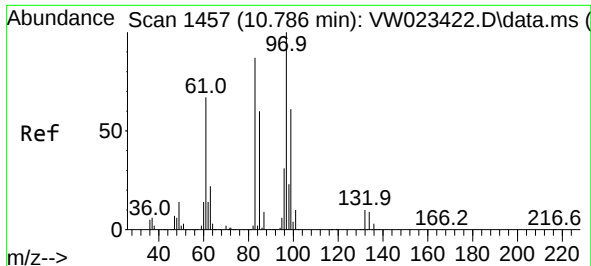
Tgt Ion: 91 Resp: 558798
Ion Ratio Lower Upper
91 100
92 56.5 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 28.577 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 75 Resp: 169180
Ion Ratio Lower Upper
75 100
77 31.6 22.0 40.8



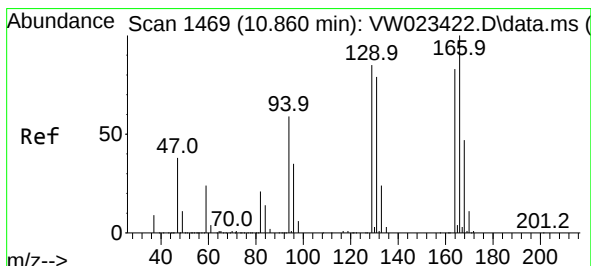
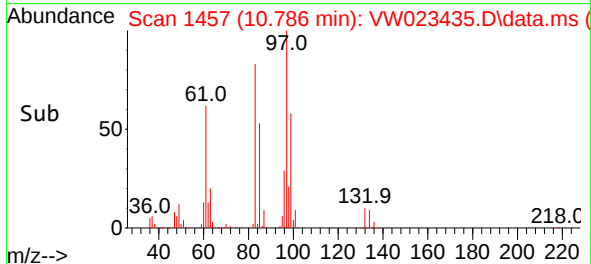
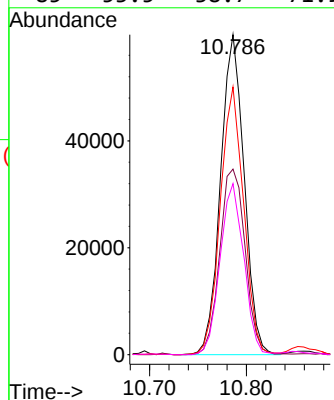
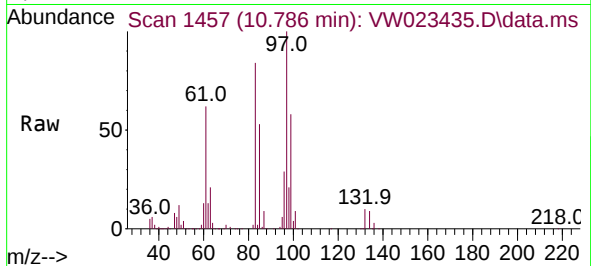


#45
1,1,2-Trichloroethane
Concen: 29.203 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Tgt Ion: 97 Resp: 101514

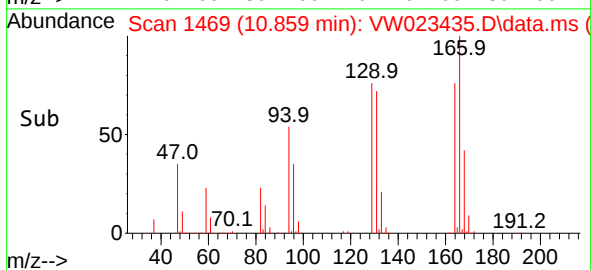
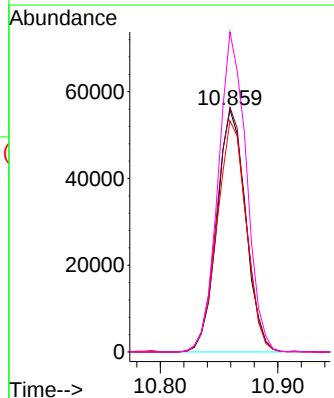
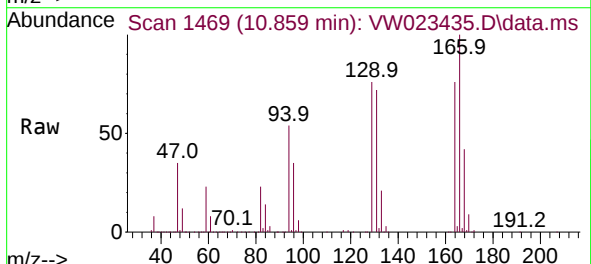
Ion	Ratio	Lower	Upper
97	100		
99	58.0	44.7	82.9
83	83.6	58.4	108.4
85	53.5	38.7	71.9

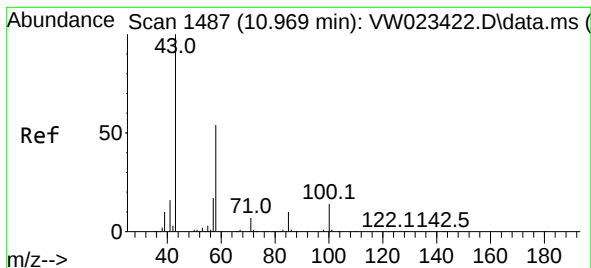


#46
Tetrachloroethene
Concen: 23.724 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 164 Resp: 94862

Ion	Ratio	Lower	Upper
164	100		
129	101.1	76.9	142.7
131	95.6	75.1	139.5
166	132.1	96.0	178.2





#48

2-Hexanone

Concen: 72.086 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

Tgt Ion: 43 Resp: 109744

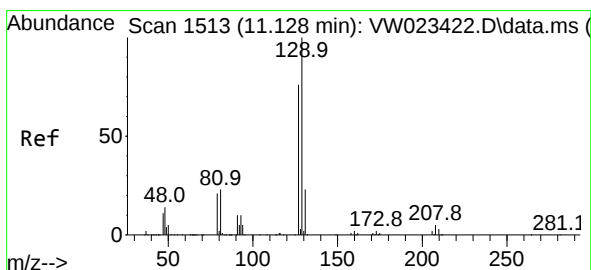
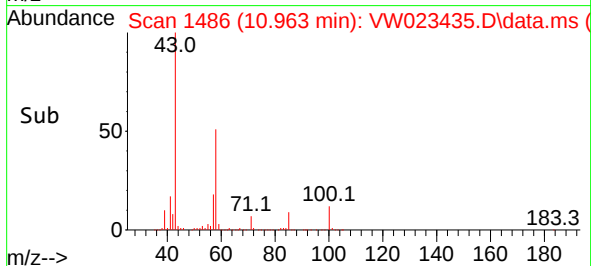
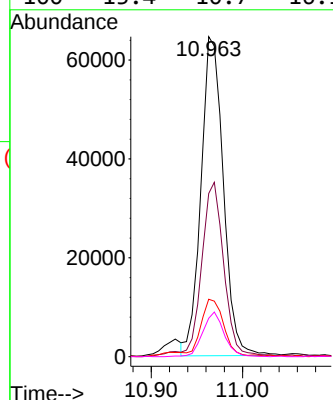
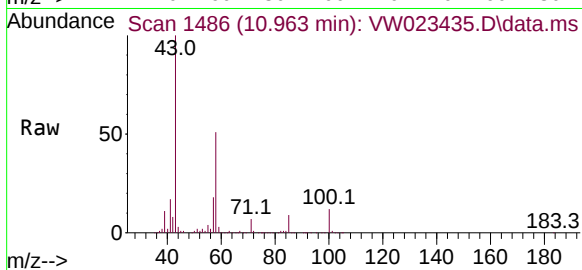
Ion Ratio Lower Upper

43 100

58 53.6 45.9 68.9

57 18.0 16.2 24.2

100 13.4 10.7 16.1



#49

Dibromochloromethane

Concen: 28.175 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023435.D

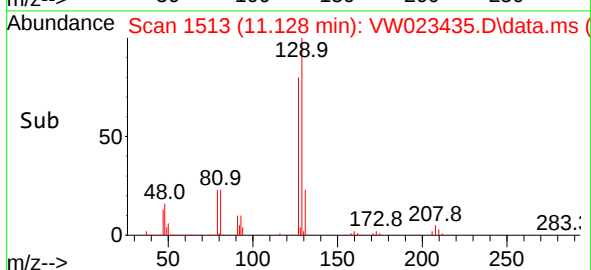
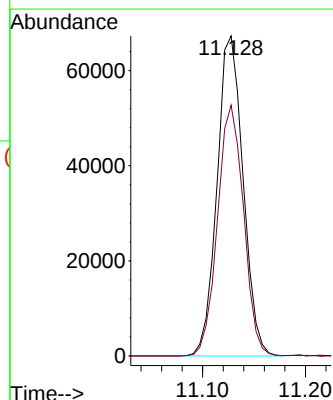
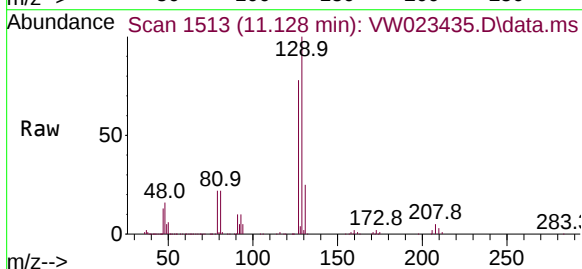
Acq: 08 Jun 2022 18:04

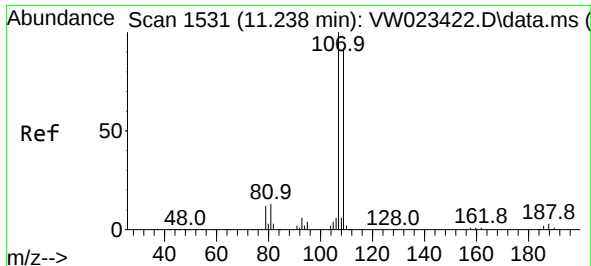
Tgt Ion: 129 Resp: 118458

Ion Ratio Lower Upper

129 100

127 78.3 53.8 100.0

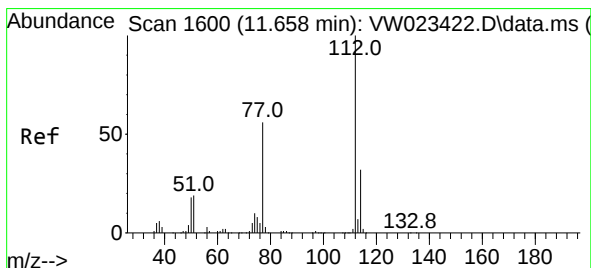
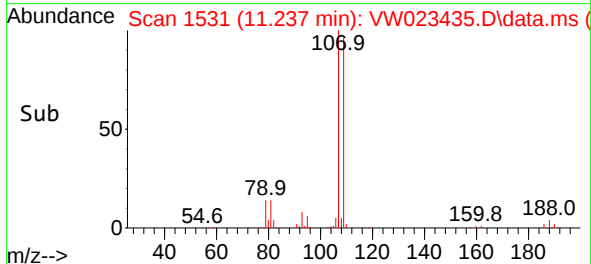
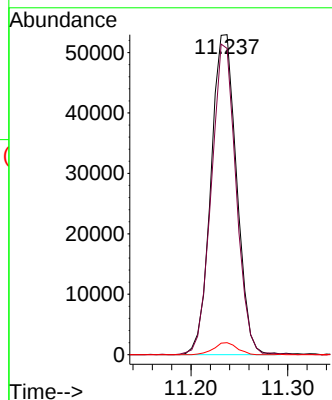
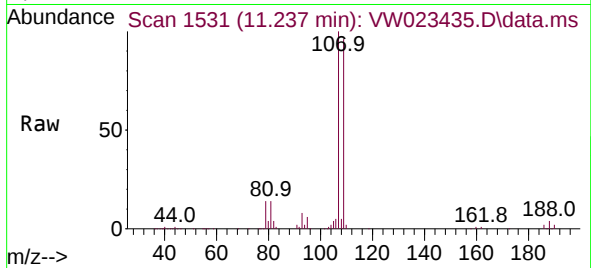




#50
1,2-Dibromoethane
Concen: 28.614 ug/L
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

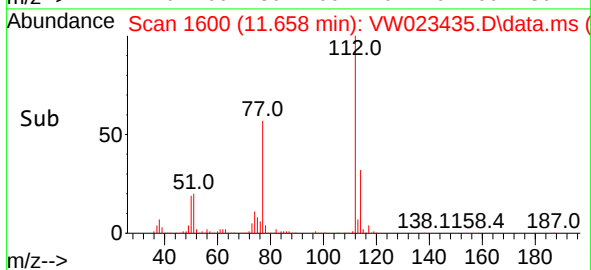
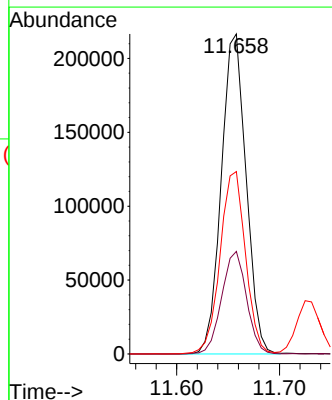
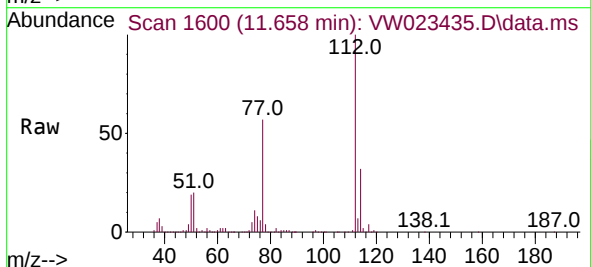
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

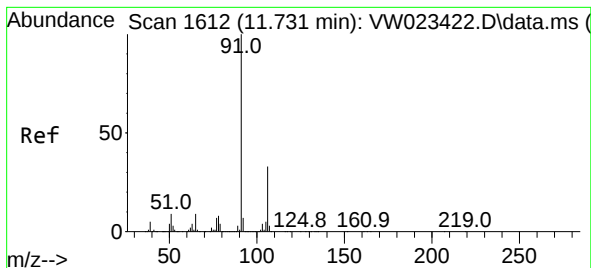
Tgt Ion:107 Resp: 97437
Ion Ratio Lower Upper
107 100
109 95.7 67.5 125.4
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 26.624 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion:112 Resp: 363028
Ion Ratio Lower Upper
112 100
114 32.0 22.0 41.0
77 57.0 42.6 63.8

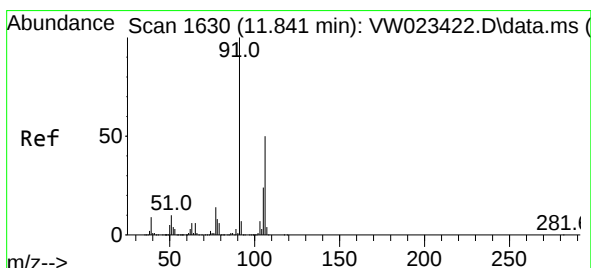
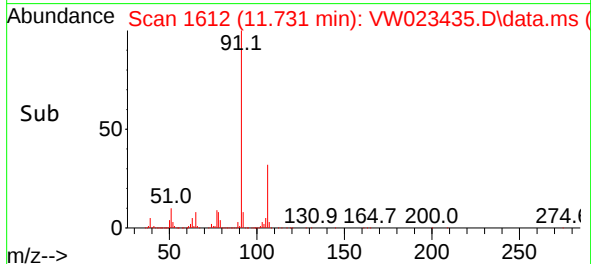
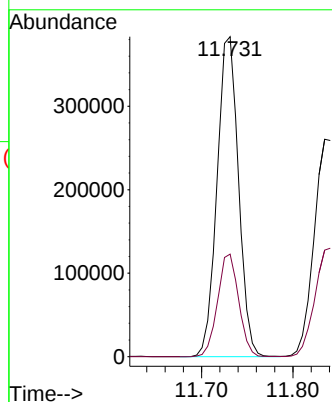
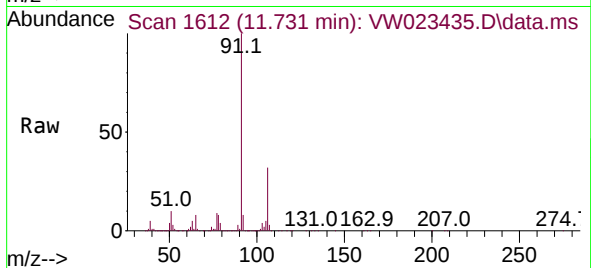




#52
Ethylbenzene
Concen: 27.231 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

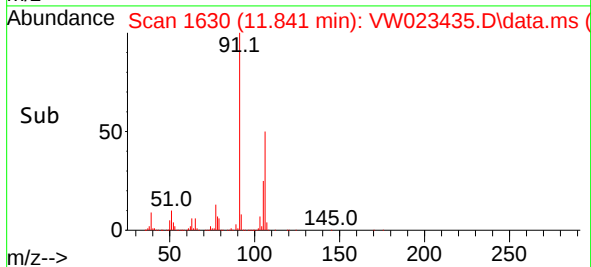
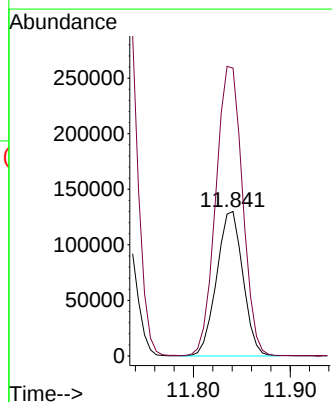
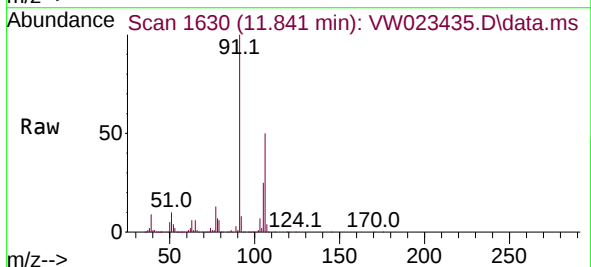
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

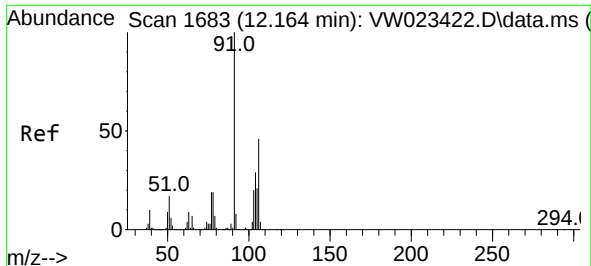
Tgt Ion: 91 Resp: 625095
Ion Ratio Lower Upper
91 100
106 32.1 22.3 41.3



#53
m,p-Xylene
Concen: 27.628 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 106 Resp: 245470
Ion Ratio Lower Upper
106 100
91 199.2 136.8 254.0

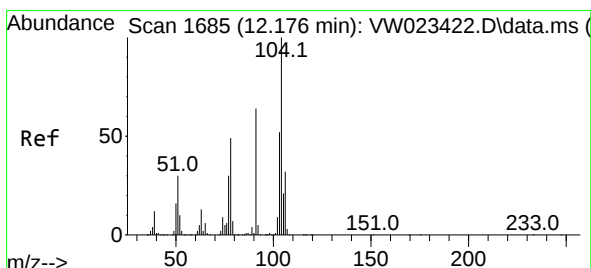
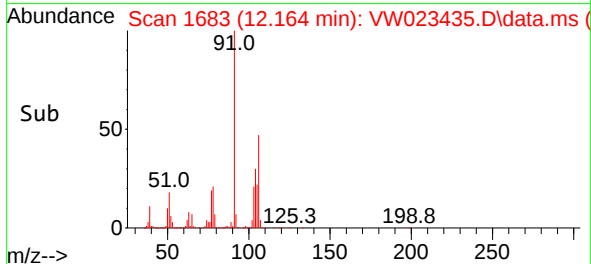
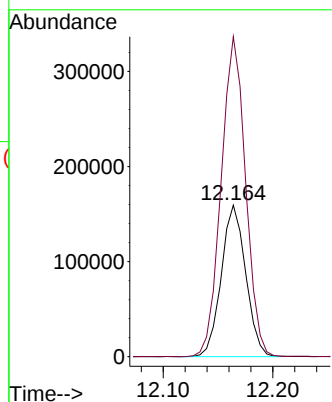
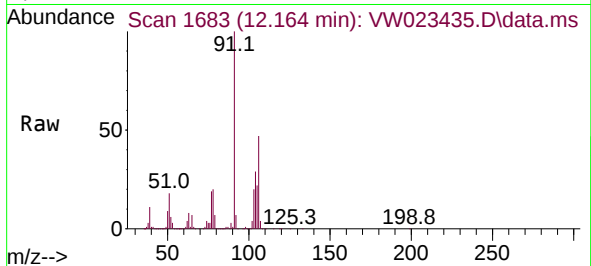




#54
o-Xylene
Concen: 28.923 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

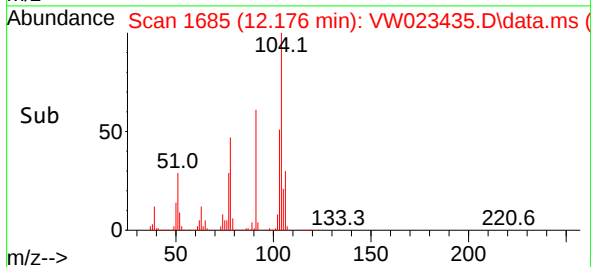
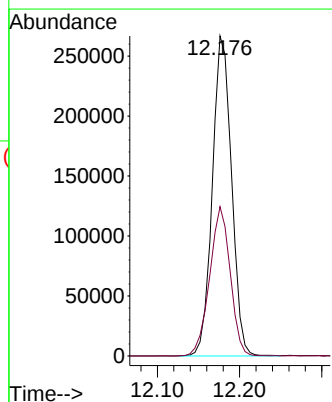
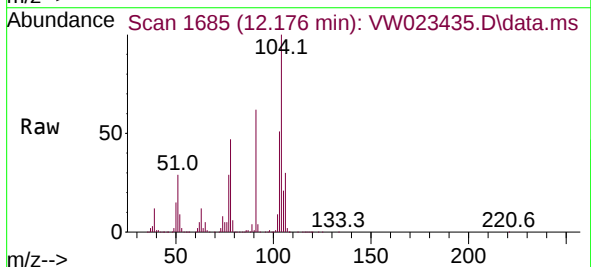
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

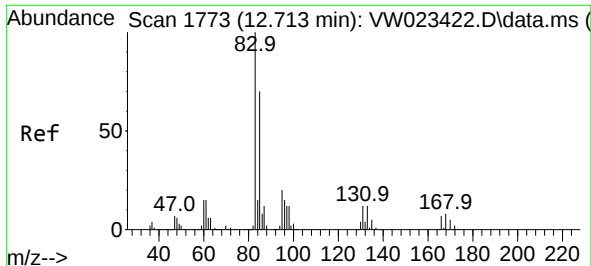
Tgt Ion:106 Resp: 246176
Ion Ratio Lower Upper
106 100
91 211.1 147.2 273.4



#55
Styrene
Concen: 29.533 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion:104 Resp: 432552
Ion Ratio Lower Upper
104 100
78 46.6 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 31.966 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

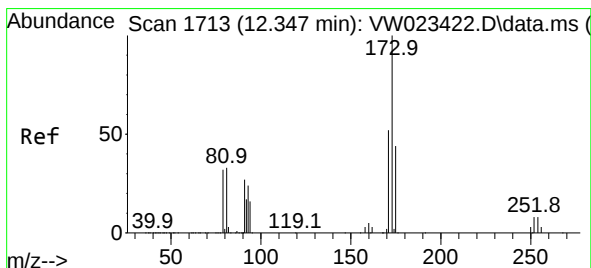
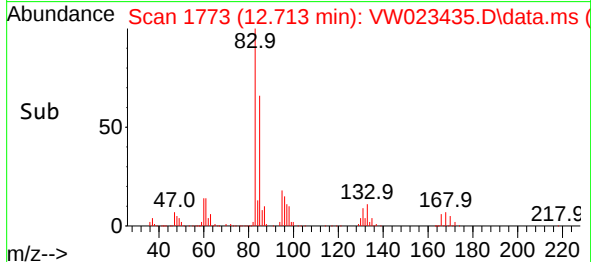
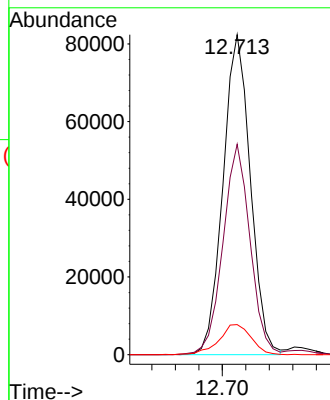
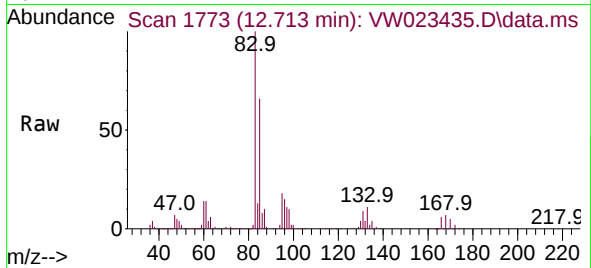
Tgt Ion: 83 Resp: 133252

Ion Ratio Lower Upper

83 100

85 65.7 47.5 88.1

131 9.4 8.7 13.1



#59

Bromoform

Concen: 29.294 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

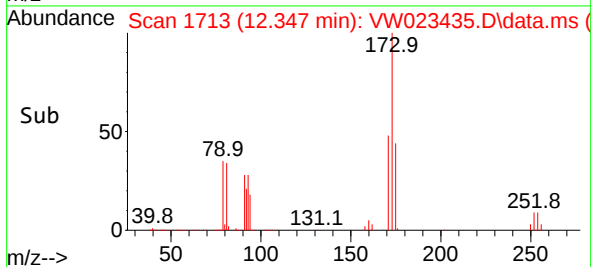
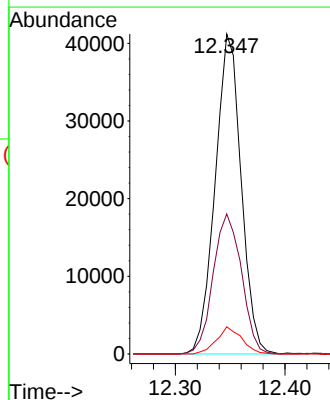
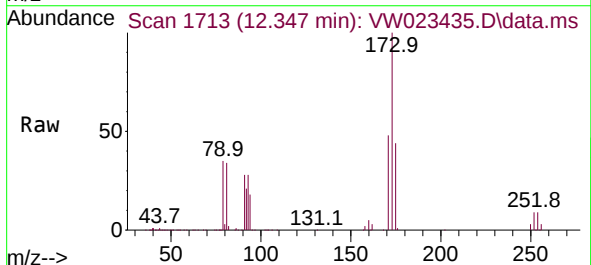
Tgt Ion:173 Resp: 67987

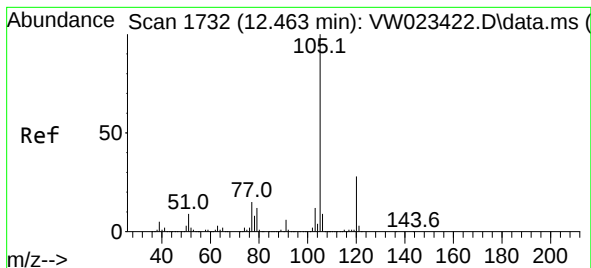
Ion Ratio Lower Upper

173 100

175 47.6 38.1 57.1

254 8.2 6.5 9.7





#60

Isopropylbenzene

Concen: 27.571 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

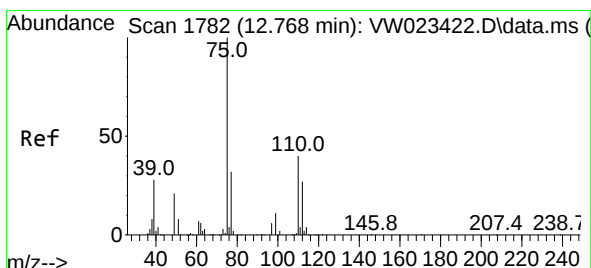
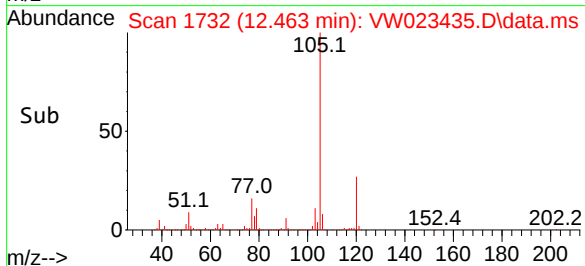
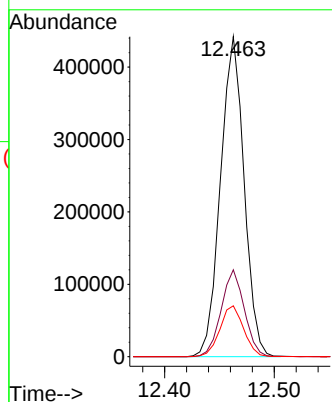
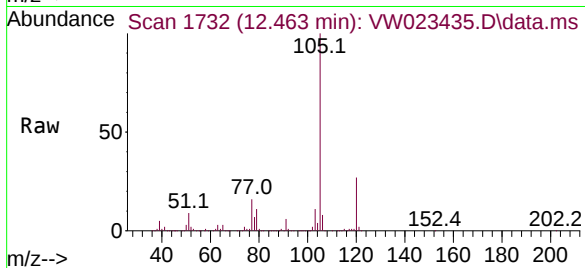
Tgt Ion:105 Resp: 660789

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 31.582 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

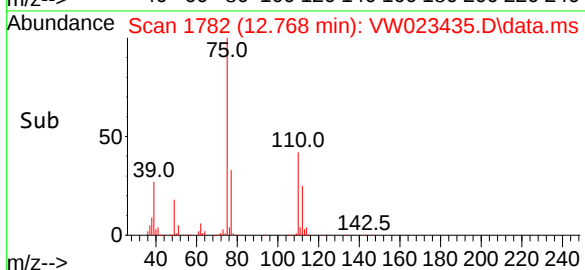
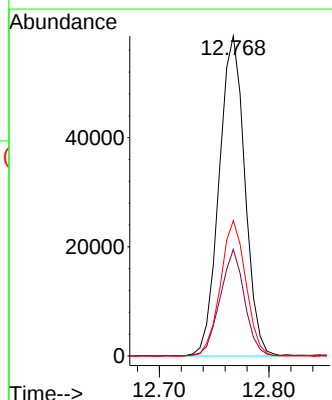
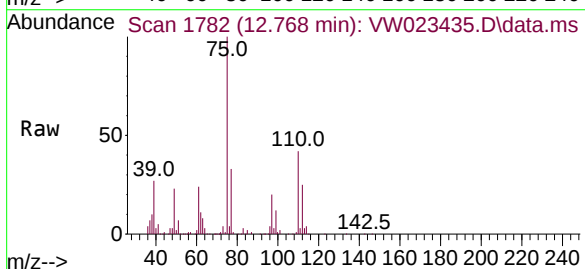
Tgt Ion: 75 Resp: 95666

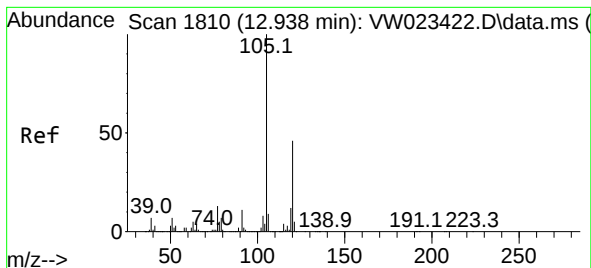
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

110 41.5 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 28.065 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023435.D

Acq: 08 Jun 2022 18:04

Instrument :

MSVOA_W

ClientSampleId :

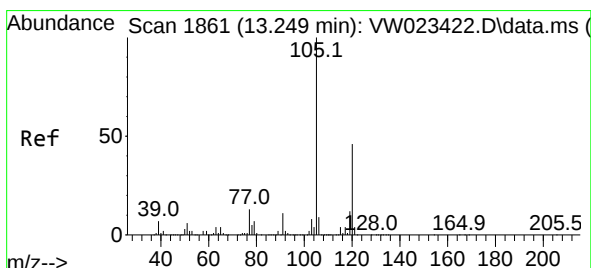
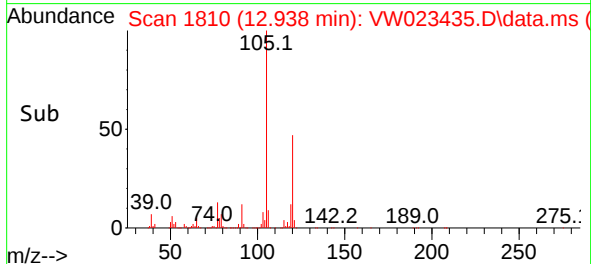
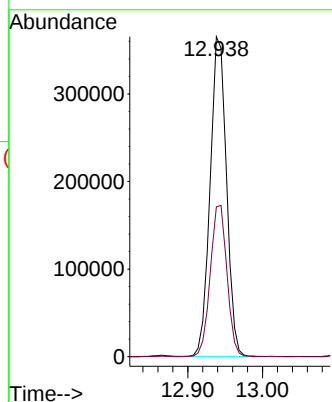
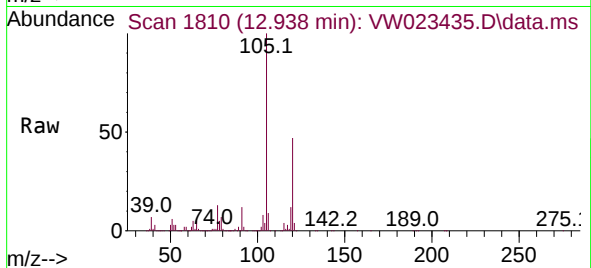
VSTD025567

Tgt Ion:105 Resp: 556706

Ion Ratio Lower Upper

105 100

120 48.3 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 28.553 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023435.D

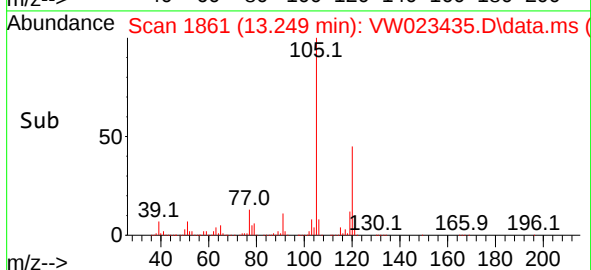
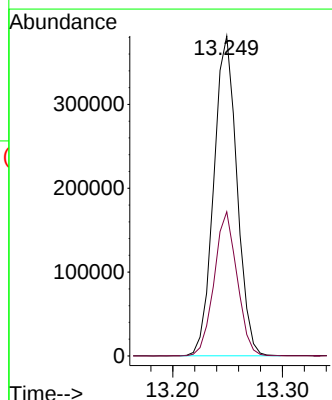
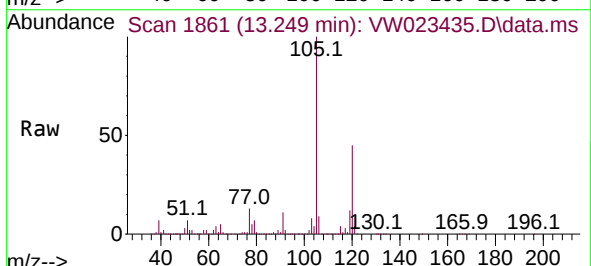
Acq: 08 Jun 2022 18:04

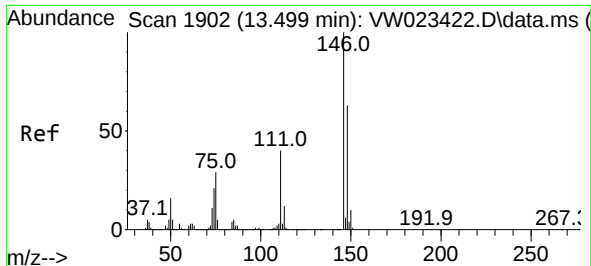
Tgt Ion:105 Resp: 560570

Ion Ratio Lower Upper

105 100

120 44.6 37.4 56.2

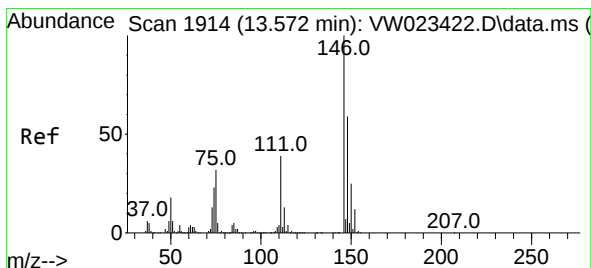
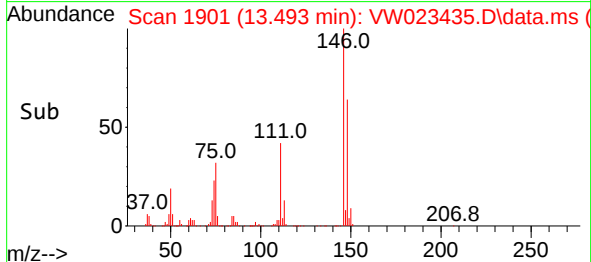
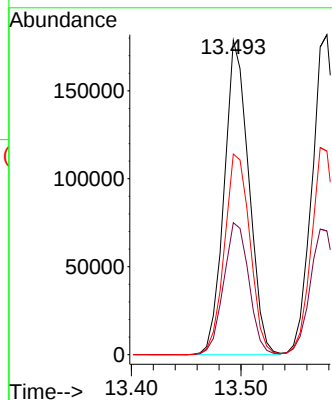
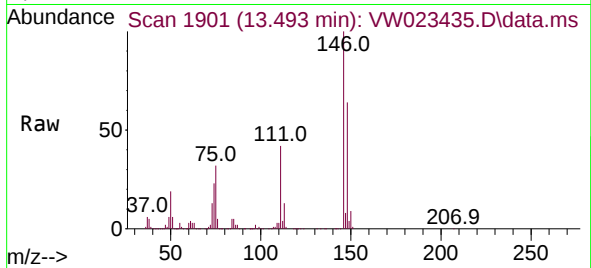




#64
1,3-Dichlorobenzene
Concen: 25.632 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

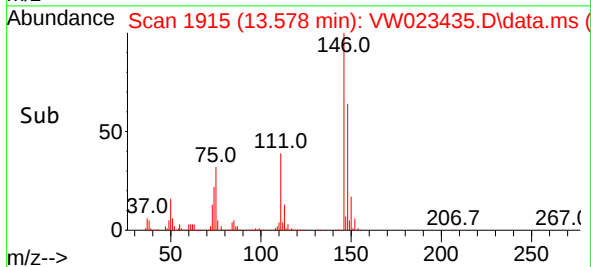
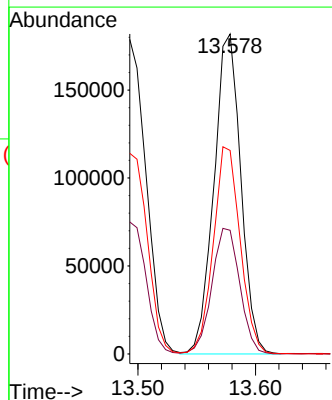
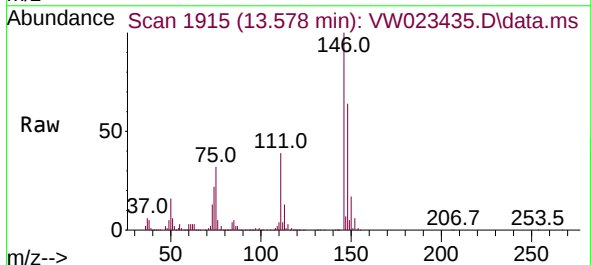
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

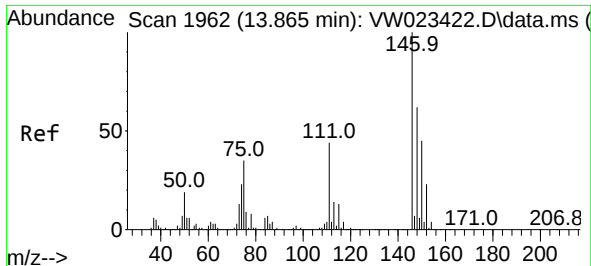
Tgt Ion:146 Resp: 278740
Ion Ratio Lower Upper
146 100
111 41.9 29.5 54.9
148 63.8 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 26.038 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion:146 Resp: 289602
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 63.6 44.0 81.6

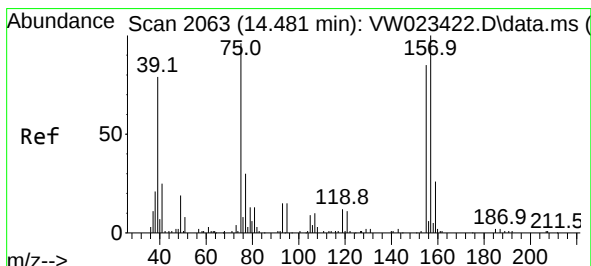
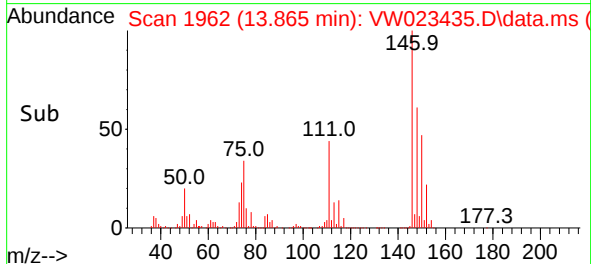
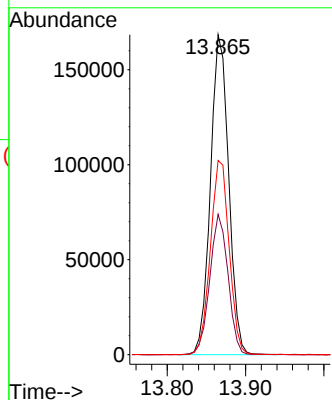
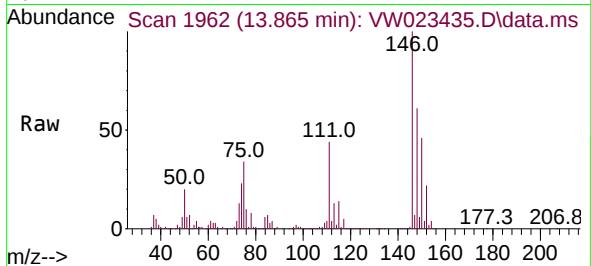




#67
1,2-Dichlorobenzene
Concen: 27.582 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

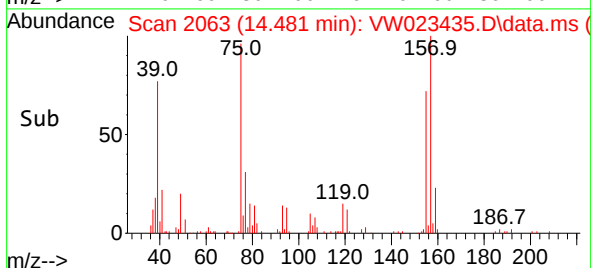
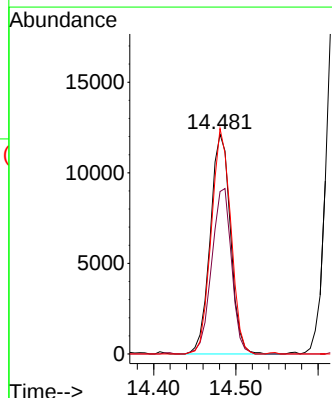
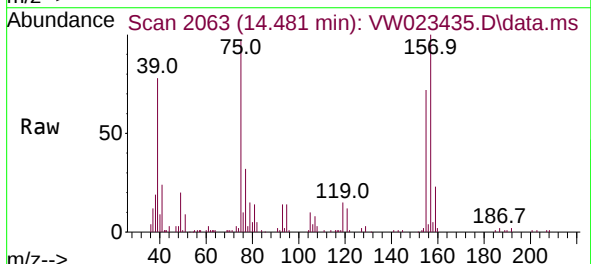
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

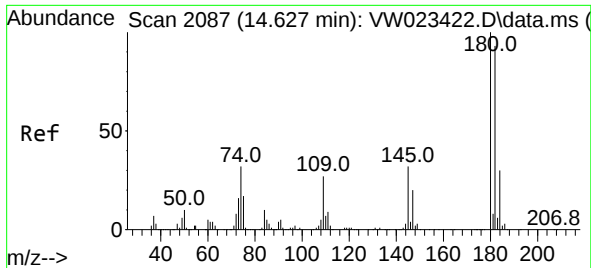
Tgt Ion:146 Resp: 272103
Ion Ratio Lower Upper
146 100
111 43.8 35.7 53.5
148 60.7 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 32.181 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion: 75 Resp: 20701
Ion Ratio Lower Upper
75 100
155 73.9 59.3 88.9
157 102.6 89.8 134.8

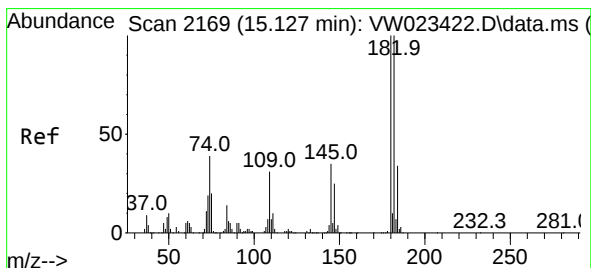
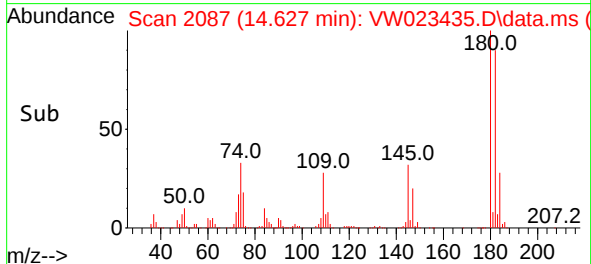
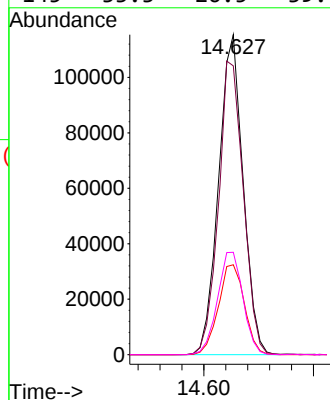
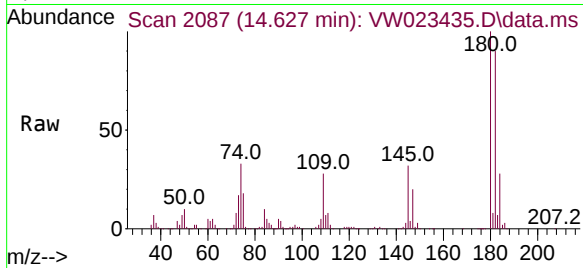




#69
 1,3,5-Trichlorobenzene
 Concen: 24.872 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW023435.D
 Acq: 08 Jun 2022 18:04

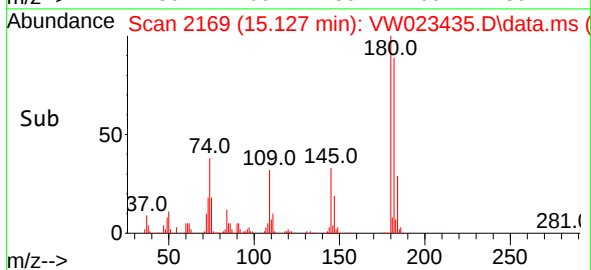
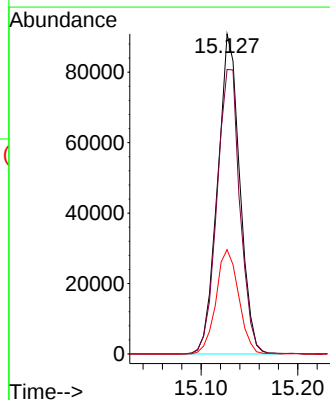
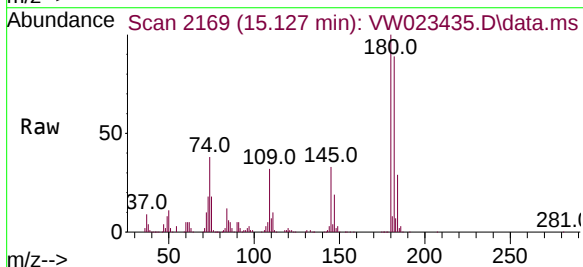
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

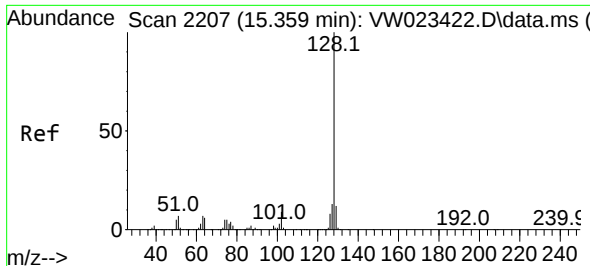
Tgt Ion:	180	Resp:	178848
Ion Ratio	Lower	Upper	
180	100		
182	93.1	74.8	112.2
184	29.9	23.4	35.2
145	33.3	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.952 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023435.D
 Acq: 08 Jun 2022 18:04

Tgt Ion:	180	Resp:	144546
Ion Ratio	Lower	Upper	
180	100		
182	92.3	74.9	112.3
145	33.4	26.6	39.8

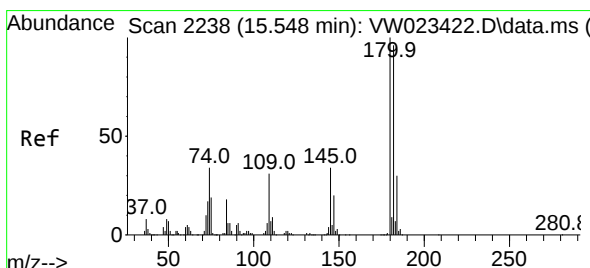
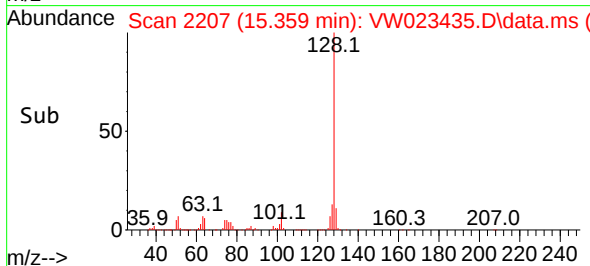
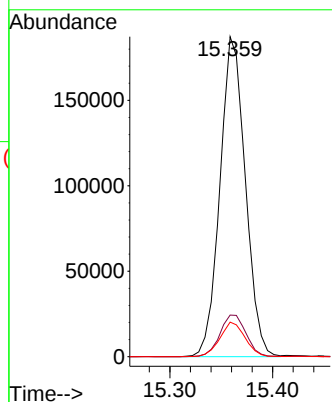
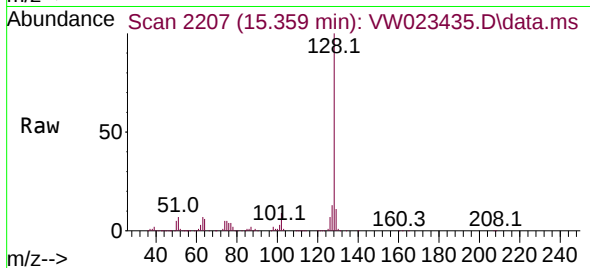




#71
Naphthalene
Concen: 31.079 ug/L
RT: 15.359 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Tgt Ion:128 Resp: 321267
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.858 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023435.D
Acq: 08 Jun 2022 18:04

Tgt Ion:180 Resp: 130077
Ion Ratio Lower Upper
180 100
182 98.9 73.5 110.3
145 35.3 27.9 41.9

