

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025667.D
 Acq On : 24 Apr 2023 18:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025578

Quant Time: Apr 25 01:14:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 25 01:06:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	720048	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	633921	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	326776	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	194301	16.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.320%
7) Chloroethane-d5	2.899	69	157828	18.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
11) 1,1-Dichloroethene-d2	4.027	63	447768	18.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.600%
21) 2-Butanone-d5	7.075	46	156315	59.800	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.600%
24) Chloroform-d	7.654	84	452906	22.402	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	8.307	65	245204	23.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.240%
32) Benzene-d6	8.276	84	873881	21.290	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.160%
36) 1,2-Dichloropropane-d6	9.276	67	291576	22.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	10.325	98	771577	21.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.080%
43) trans-1,3-Dichloroprop...	10.575	79	107794	22.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.840%
47) 2-Hexanone-d5	10.922	63	109112	62.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	237883	27.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	254591	22.678	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	218185	21.668	ug/L	98
3) Chloromethane	2.222	50	257634	22.054	ug/L	99
5) Vinyl chloride	2.375	62	278535	21.568	ug/L	97
6) Bromomethane	2.789	94	146305	21.060	ug/L	96
8) Chloroethane	2.936	64	158653	21.935	ug/L	100
9) Trichlorofluoromethane	3.271	101	216893	21.801	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	228456	22.883	ug/L	97
12) 1,1-Dichloroethene	4.045	96	216459	21.660	ug/L	98
13) Acetone	4.118	43	134161	60.643	ug/L	99
14) Carbon disulfide	4.393	76	673392	19.099	ug/L	99
15) Methyl Acetate	4.673	43	134925	27.146	ug/L	97
16) Methylene chloride	4.917	84	273812	23.924	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	233236	21.952	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	387219	26.409	ug/L	100
19) 1,1-Dichloroethane	6.216	63	497146	23.420	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	259994	23.519	ug/L	# 99
22) 2-Butanone	7.167	43	184520	58.671	ug/L	100
23) Bromochloromethane	7.514	128	106788	23.556	ug/L	93
25) Chloroform	7.679	83	461894	23.794	ug/L	99

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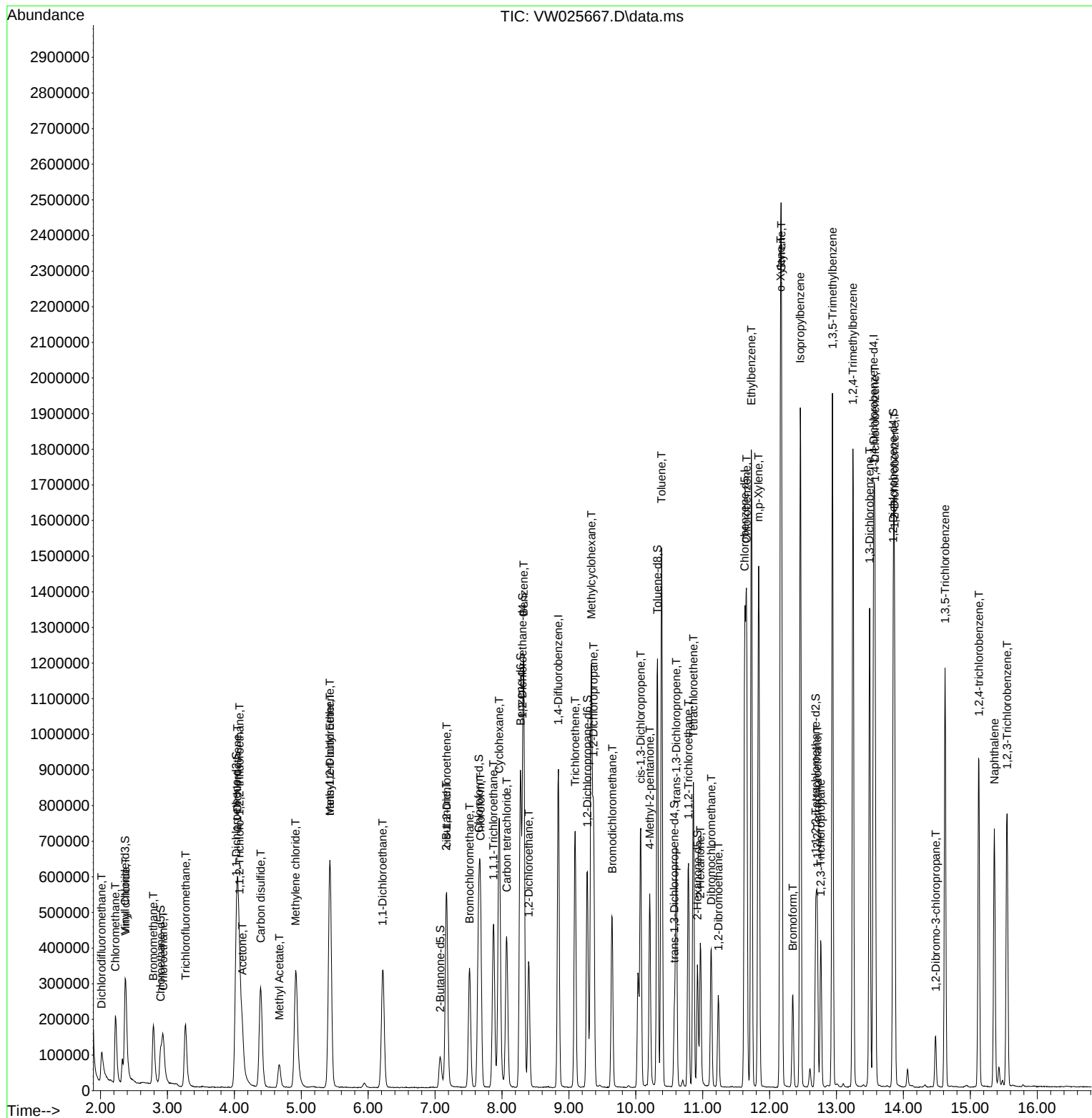
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	320429	24.599	ug/L	99
29) Cyclohexane	7.959	56	450157	21.940	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	370192	23.503	ug/L	100
31) Carbon tetrachloride	8.069	117	321569	22.607	ug/L	98
33) Benzene	8.325	78	1033002	23.412	ug/L	100
34) Trichloroethene	9.093	95	256640	22.361	ug/L	95
35) Methylcyclohexane	9.337	83	446517	21.546	ug/L	99
37) 1,2-Dichloropropane	9.367	63	285414	24.493	ug/L	99
38) Bromodichloromethane	9.648	83	325128	24.385	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	418680	25.047	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	373382	56.608	ug/L	100
42) Toluene	10.386	91	1067102	23.750	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	348115	25.256	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	190574	25.648	ug/L	96
46) Tetrachloroethene	10.861	164	177109	21.941	ug/L	89
48) 2-Hexanone	10.965	43	267946	58.795	ug/L	96
49) Dibromochloromethane	11.129	129	197815	25.286	ug/L	96
50) 1,2-Dibromoethane	11.233	107	171483	25.118	ug/L	99
51) Chlorobenzene	11.654	112	658097	23.770	ug/L	96
52) Ethylbenzene	11.727	91	1216549	23.927	ug/L	98
53) m,p-Xylene	11.837	106	446580	23.951	ug/L	93
54) o-Xylene	12.166	106	420759	24.122	ug/L	99
55) Styrene	12.178	104	751651	25.601	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	236374	26.559	ug/L	99
59) Bromoform	12.349	173	115190	25.725	ug/L	98
60) Isopropylbenzene	12.458	105	1185989	23.169	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	171161	25.272	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	972696	24.072	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	922616	23.712	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	493767	23.277	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	497007	22.942	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	436436	23.468	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	38171	25.692	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	336465	23.691	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	262904	22.788	ug/L	98
71) Naphthalene	15.360	128	574688	26.695	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	250888	24.872	ug/L	98

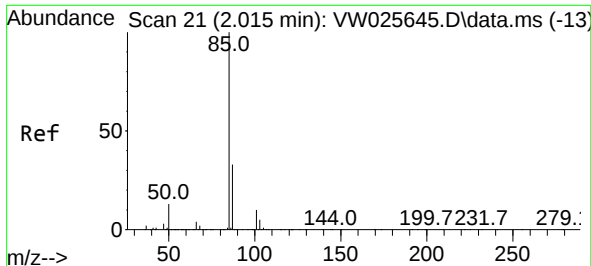
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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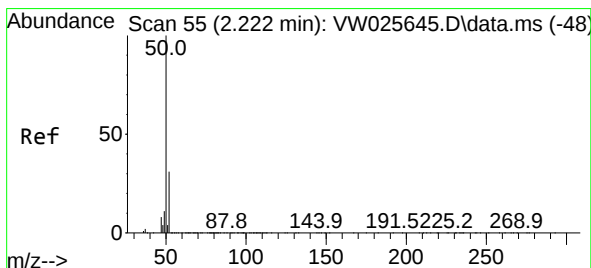
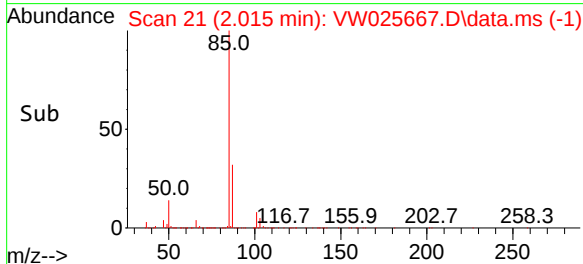
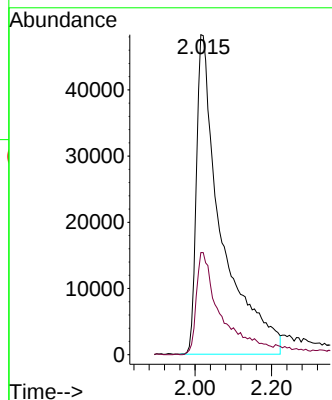
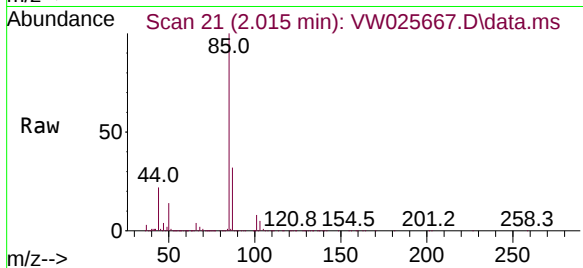




#2
Dichlorodifluoromethane
Concen: 21.668 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

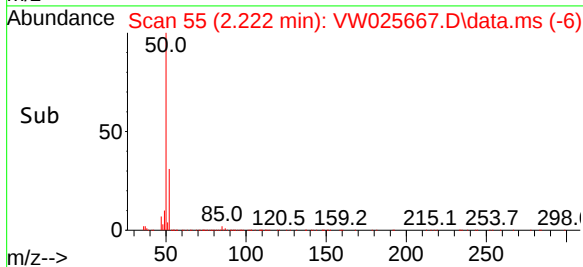
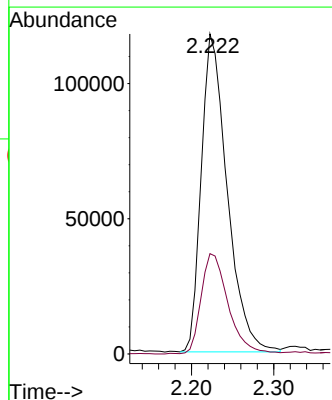
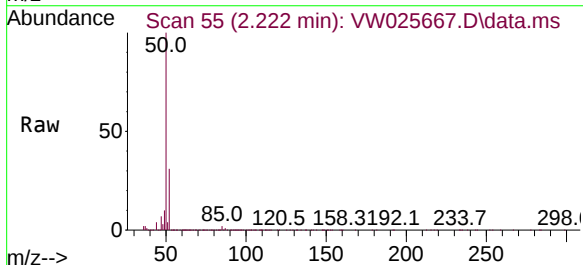
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

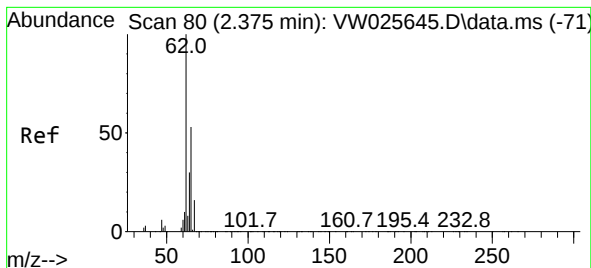
Tgt Ion: 85 Resp: 218185
Ion Ratio Lower Upper
85 100
87 29.5 24.6 37.0



#3
Chloromethane
Concen: 22.054 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 50 Resp: 257634
Ion Ratio Lower Upper
50 100
52 31.3 22.2 41.2





#5

Vinyl chloride

Concen: 21.568 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

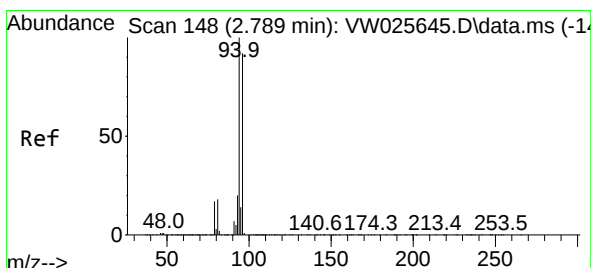
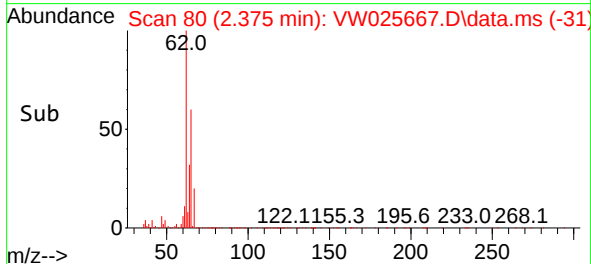
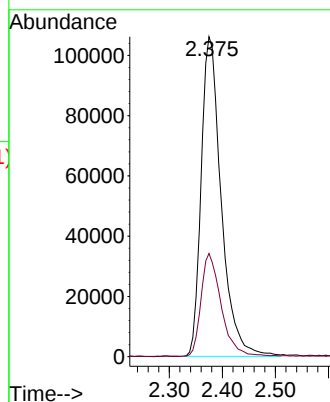
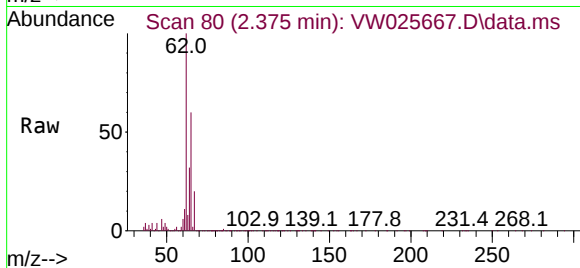
VSTD025578

Tgt Ion: 62 Resp: 278535

Ion Ratio Lower Upper

62 100

64 32.3 23.9 44.3



#6

Bromomethane

Concen: 21.060 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW025667.D

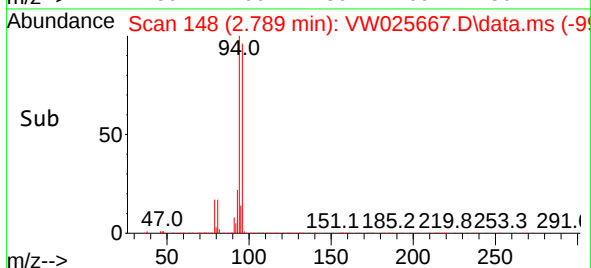
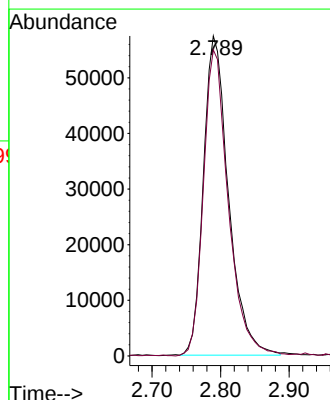
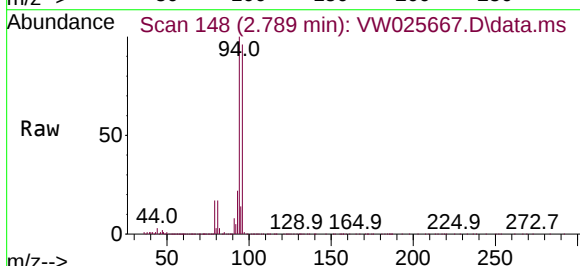
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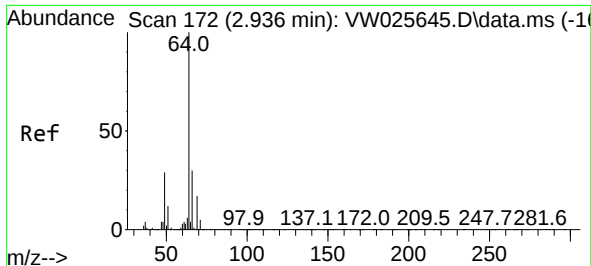
Tgt Ion: 94 Resp: 146305

Ion Ratio Lower Upper

94 100

96 95.6 64.0 118.8

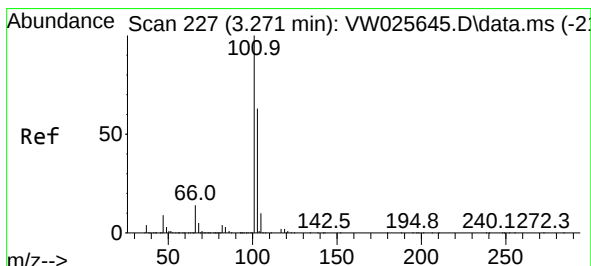
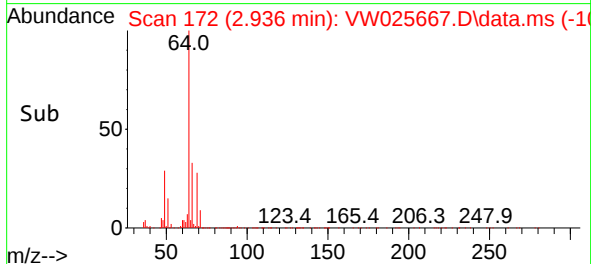
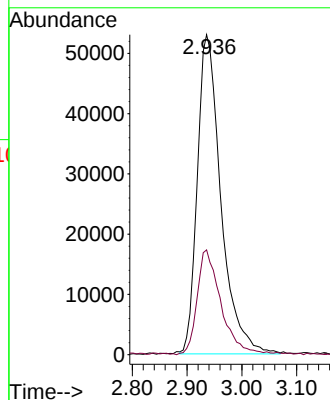
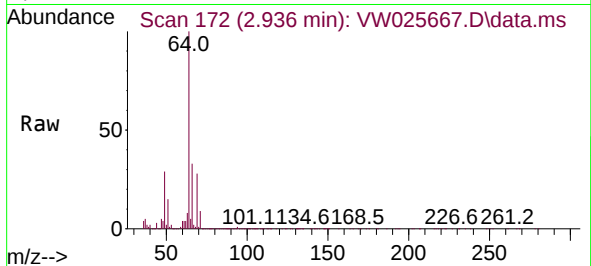




#8
Chloroethane
Concen: 21.935 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

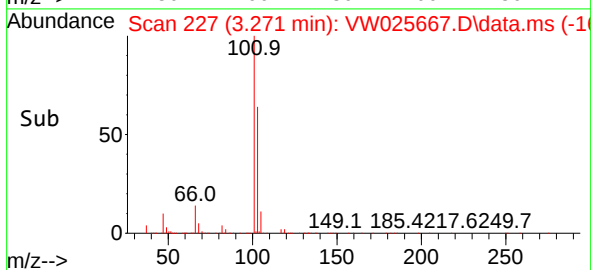
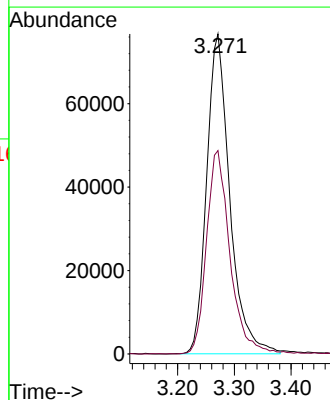
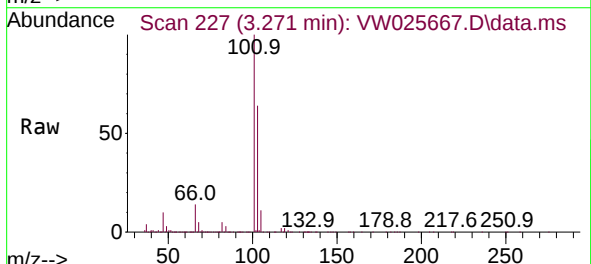
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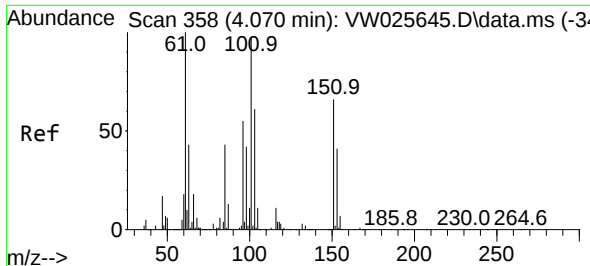
Tgt Ion: 64 Resp: 158653
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.801 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 101 Resp: 216893
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

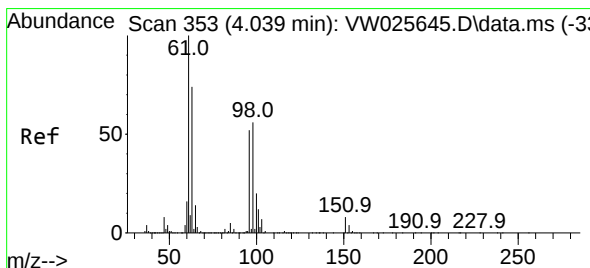
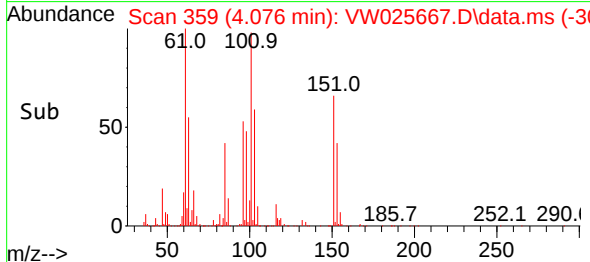
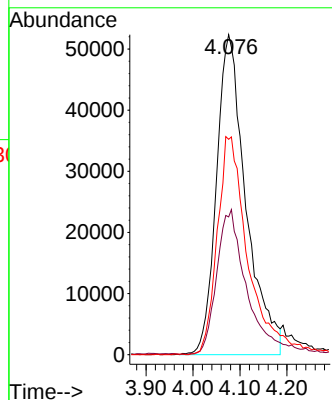
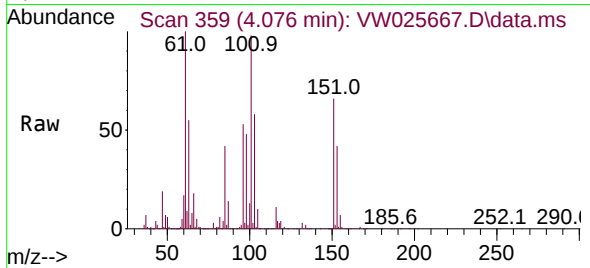




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.883 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

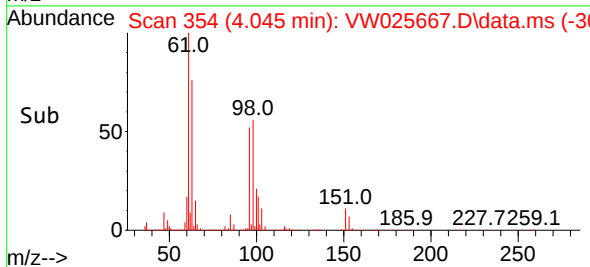
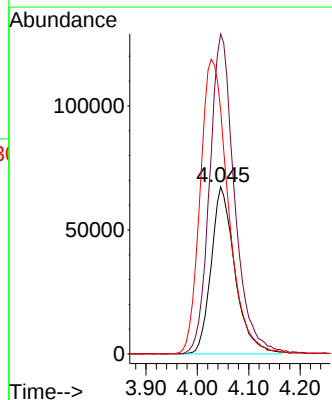
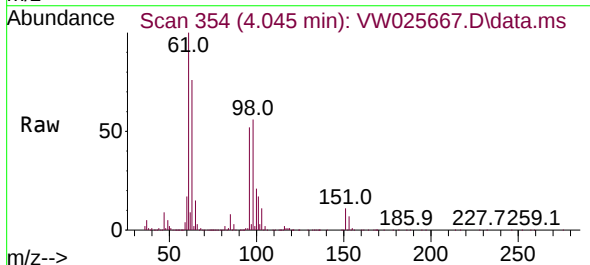
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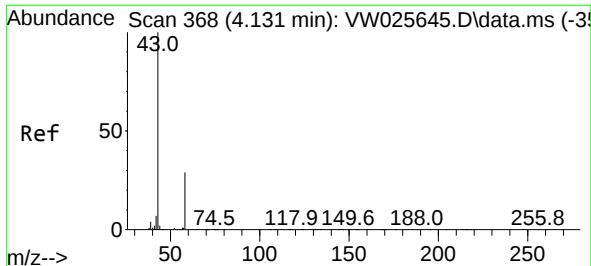
Tgt Ion:101 Resp: 228456
Ion Ratio Lower Upper
101 100
85 45.3 34.5 51.7
151 70.6 54.8 82.2



#12
1,1-Dichloroethene
Concen: 21.660 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 96 Resp: 216459
Ion Ratio Lower Upper
96 100
61 191.6 132.7 246.4
63 146.0 105.0 195.0

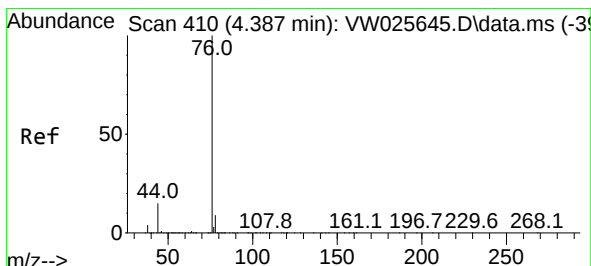
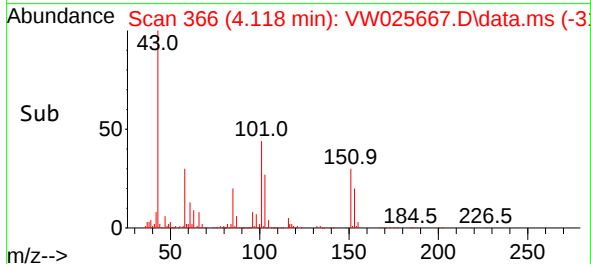
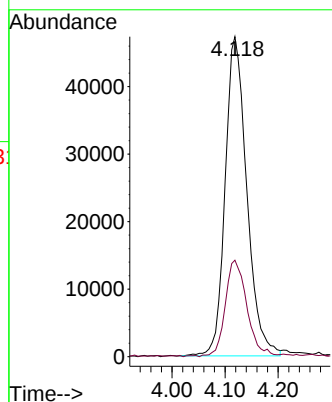
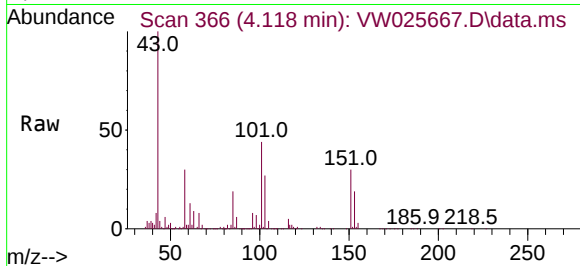




#13
Acetone
Concen: 60.643 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

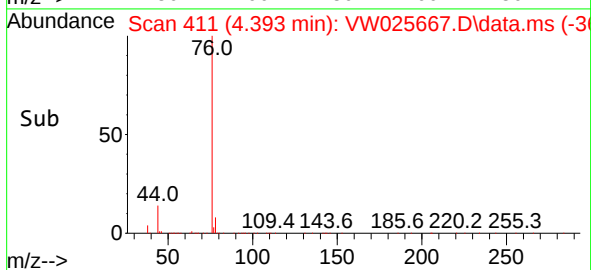
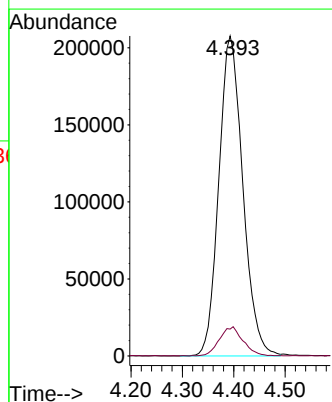
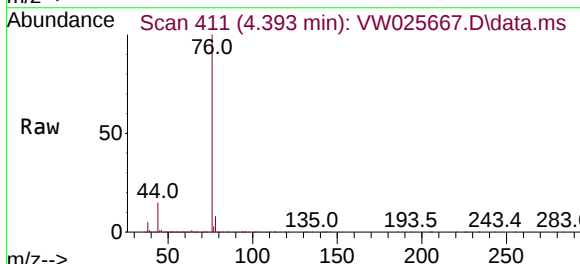
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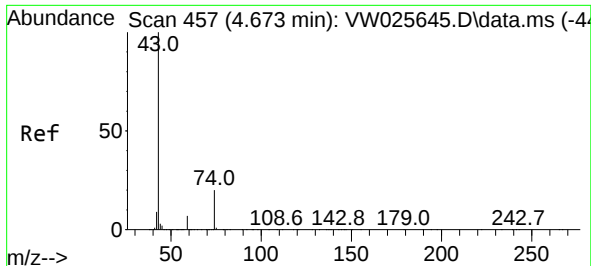
Tgt Ion: 43 Resp: 134161
Ion Ratio Lower Upper
43 100
58 29.2 0.0 57.4



#14
Carbon disulfide
Concen: 19.099 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 76 Resp: 673392
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7

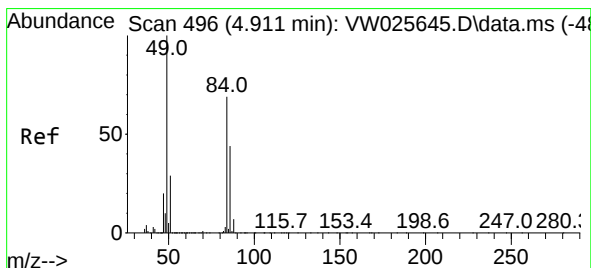
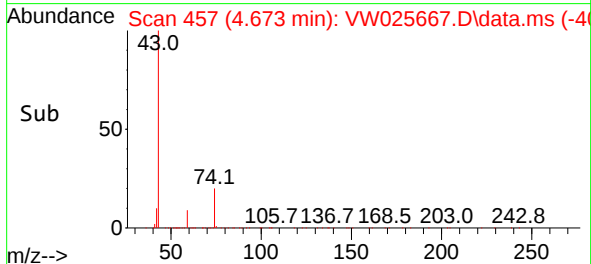
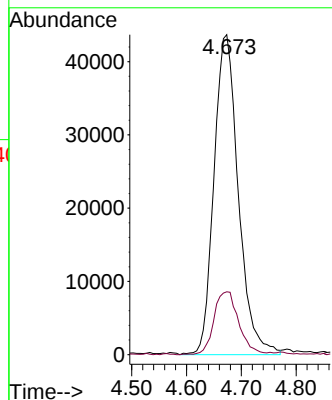
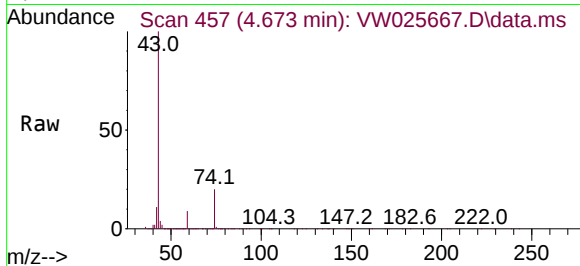




#15
Methyl Acetate
Concen: 27.146 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

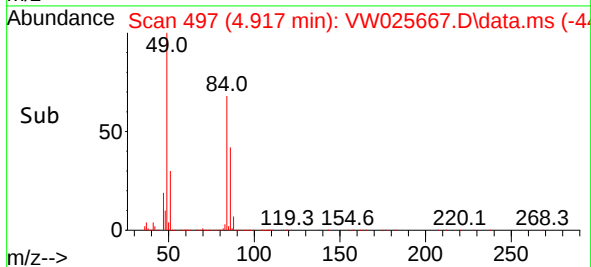
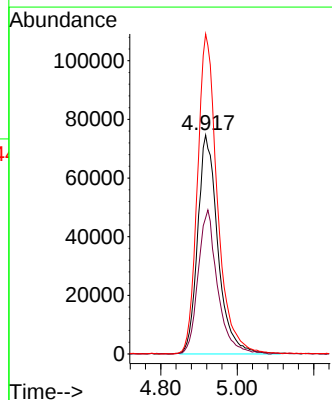
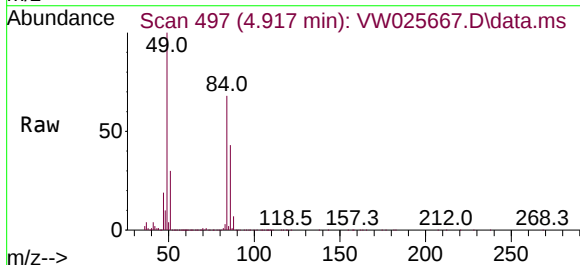
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

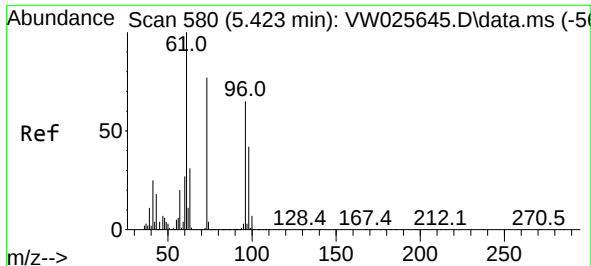
Tgt Ion: 43 Resp: 134925
Ion Ratio Lower Upper
43 100
74 19.6 17.0 25.4



#16
Methylene chloride
Concen: 23.924 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 84 Resp: 273812
Ion Ratio Lower Upper
84 100
86 62.2 44.9 83.3
49 146.2 101.4 188.4

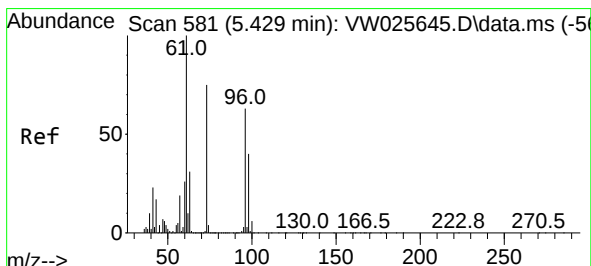
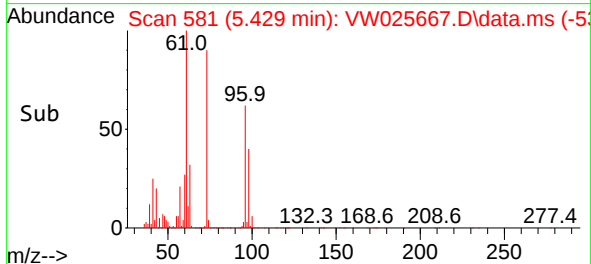
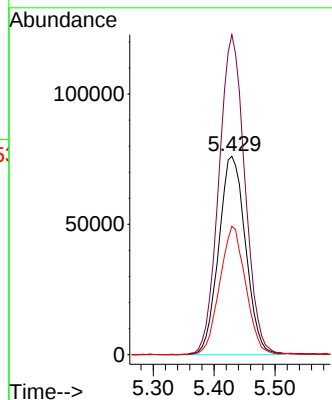
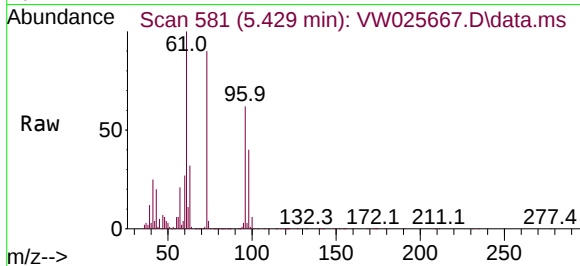




#17
trans-1,2-Dichloroethene
Concen: 21.952 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

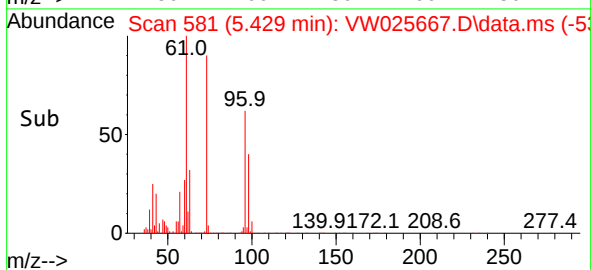
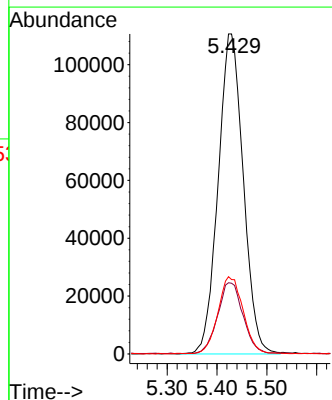
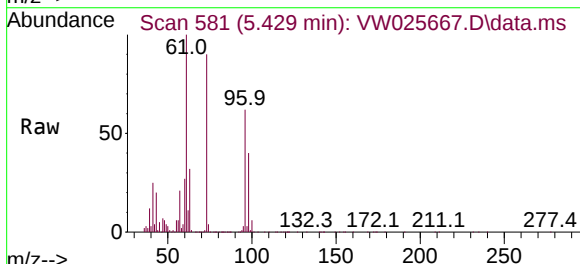
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

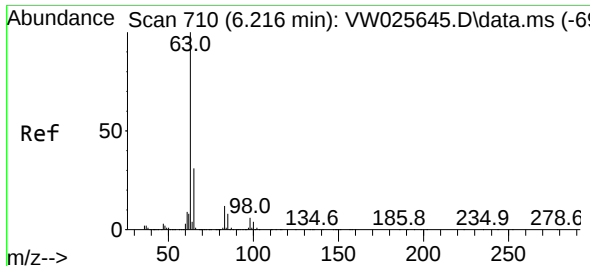
Tgt Ion: 96 Resp: 233236
Ion Ratio Lower Upper
96 100
61 161.2 113.3 210.3
98 64.8 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.409 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 73 Resp: 387219
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 23.9 19.0 28.6





#19

1,1-Dichloroethane

Concen: 23.420 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

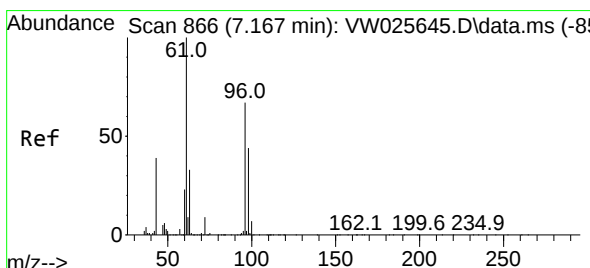
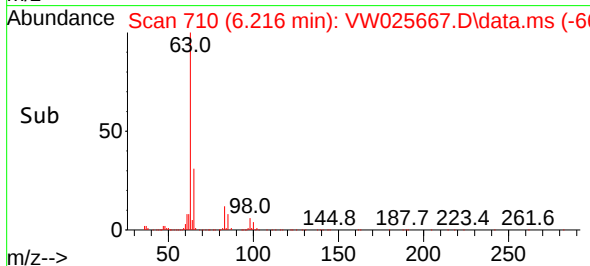
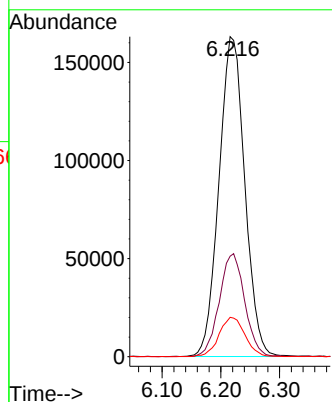
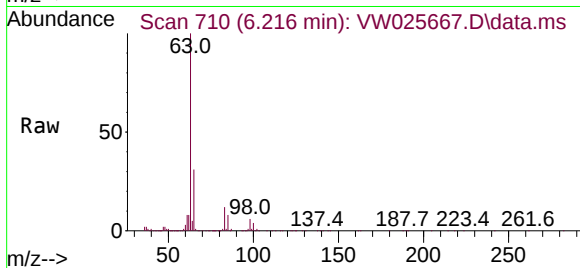
Tgt Ion: 63 Resp: 497146

Ion Ratio Lower Upper

63 100

65 31.4 21.9 40.7

83 12.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.519 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

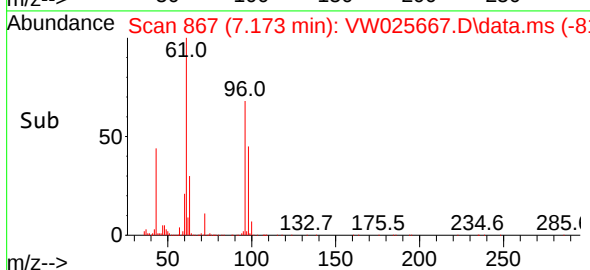
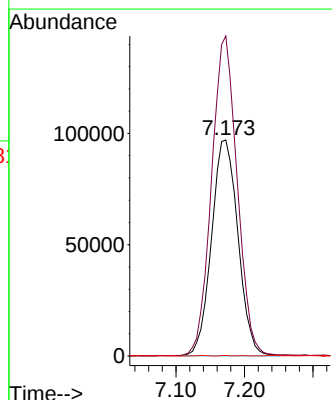
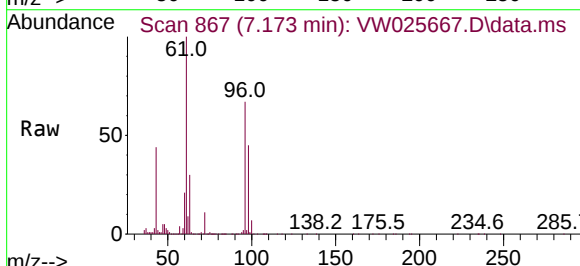
Tgt Ion: 96 Resp: 259994

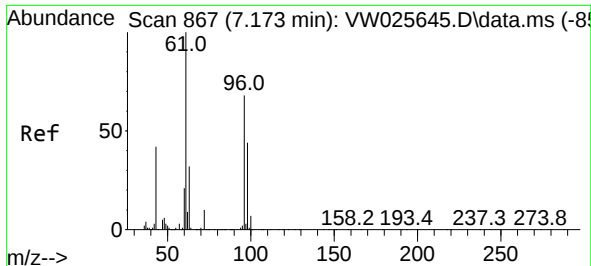
Ion Ratio Lower Upper

96 100

61 148.2 102.6 190.6

68 0.2 0.1 0.1#

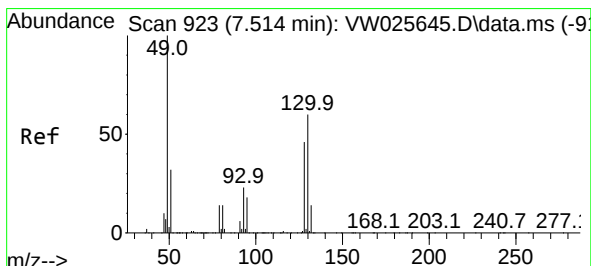
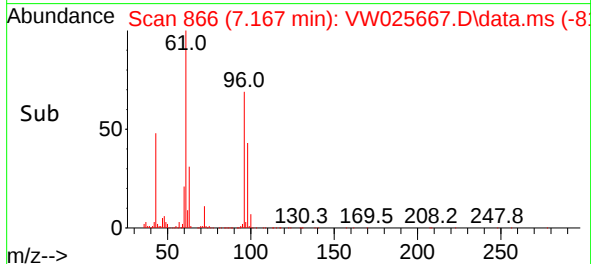
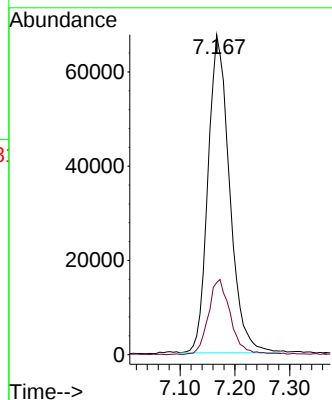
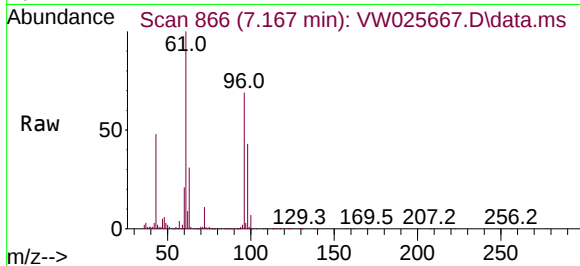




#22
2-Butanone
Concen: 58.671 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

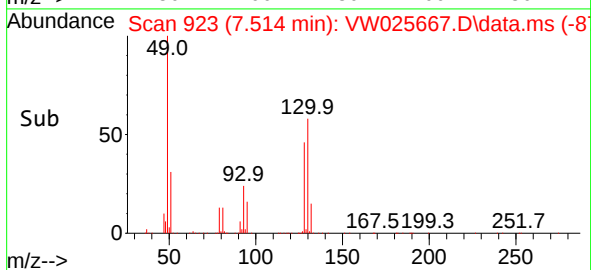
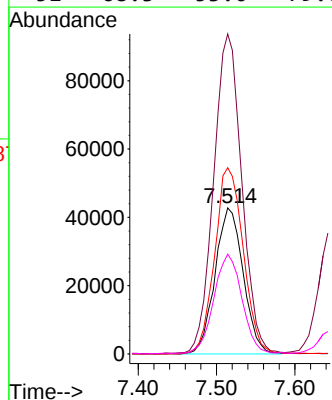
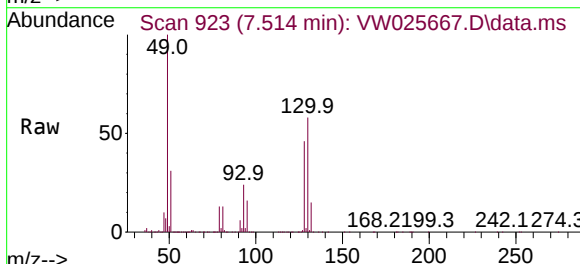
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

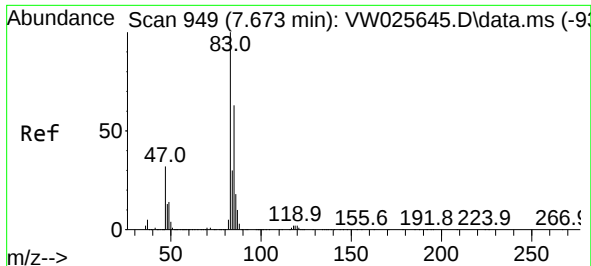
Tgt Ion: 43 Resp: 184520
Ion Ratio Lower Upper
43 100
72 24.2 12.0 36.0



#23
Bromochloromethane
Concen: 23.556 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 128 Resp: 106788
Ion Ratio Lower Upper
128 100
49 219.0 141.7 263.3
130 127.4 86.7 160.9
51 68.3 53.0 79.6

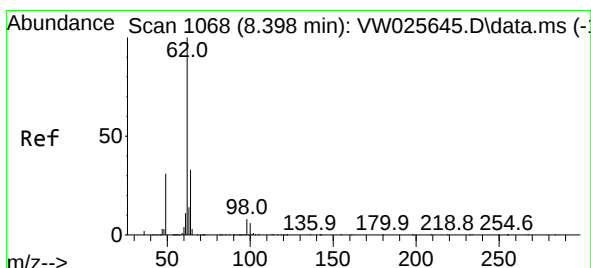
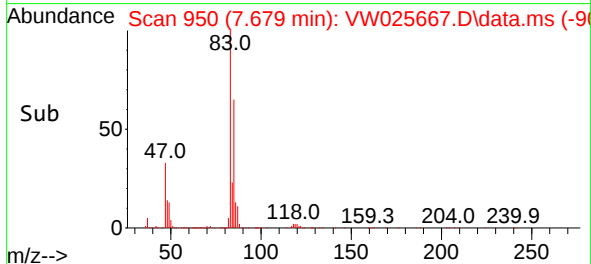
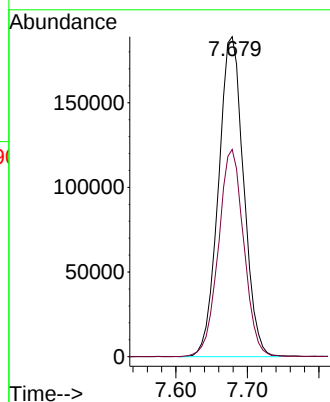
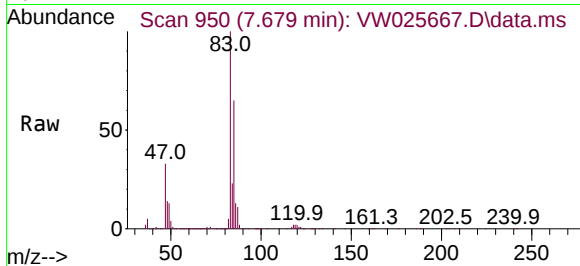




#25
Chloroform
Concen: 23.794 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

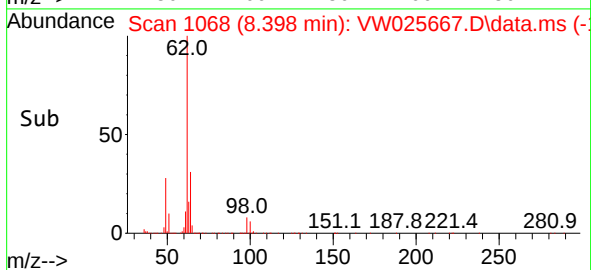
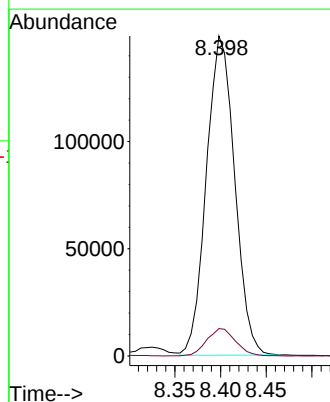
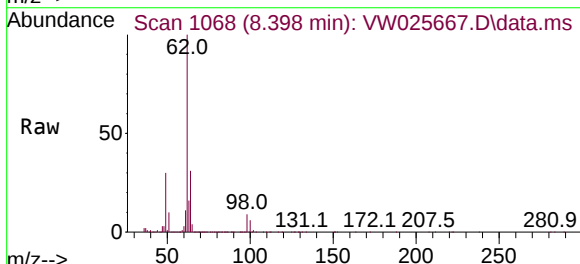
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

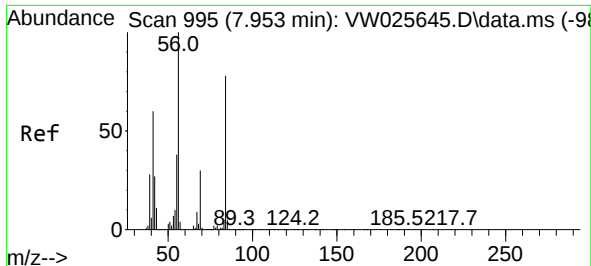
Tgt Ion: 83 Resp: 461894
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 24.599 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 62 Resp: 320429
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0

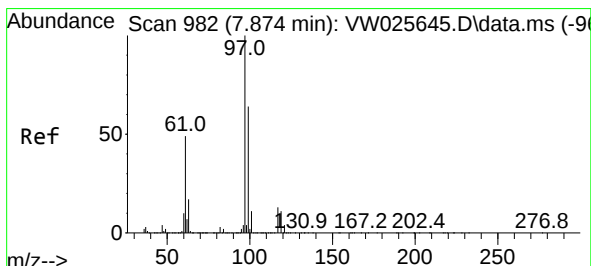
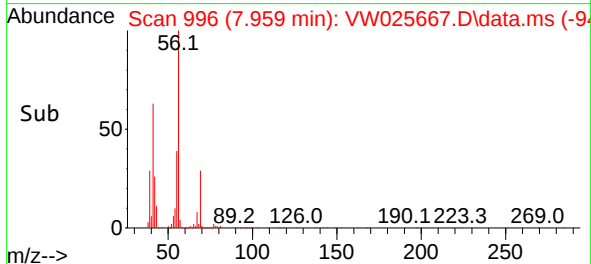
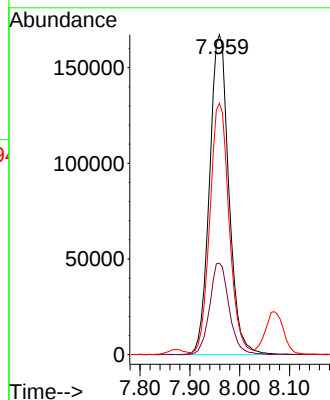
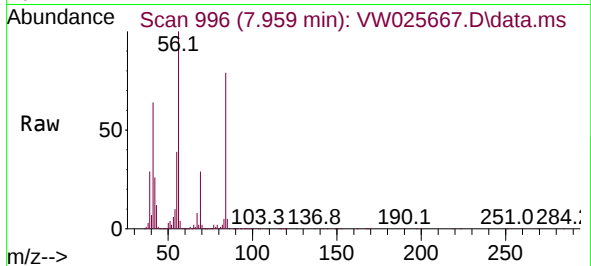




#29
Cyclohexane
Concen: 21.940 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

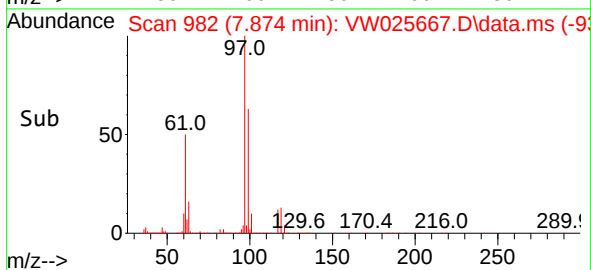
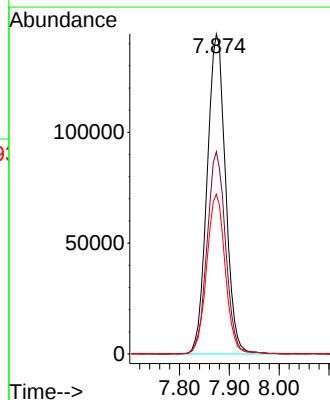
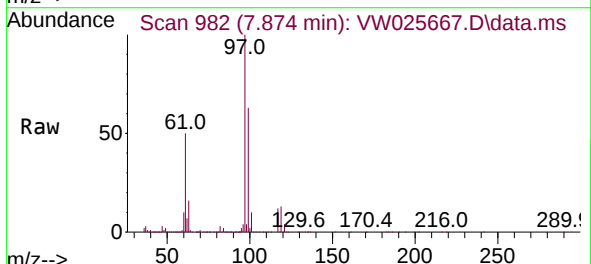
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

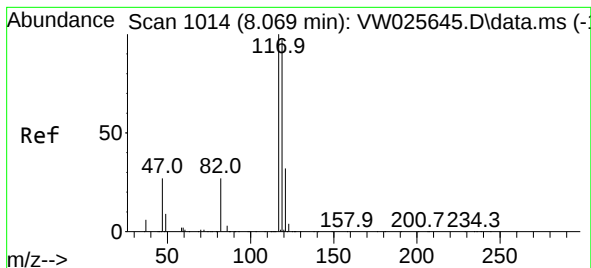
Tgt Ion: 56 Resp: 450157
Ion Ratio Lower Upper
56 100
69 28.8 22.7 34.1
84 78.2 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 23.503 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 97 Resp: 370192
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 50.2 40.5 60.7





#31

Carbon tetrachloride

Concen: 22.607 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

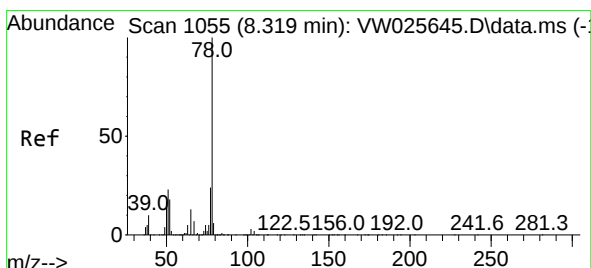
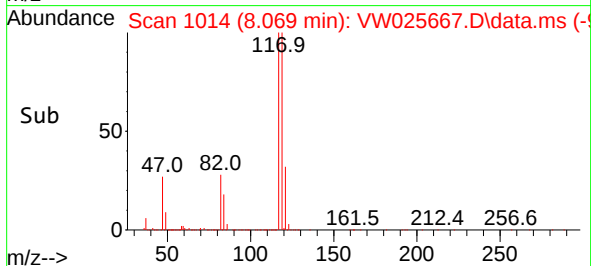
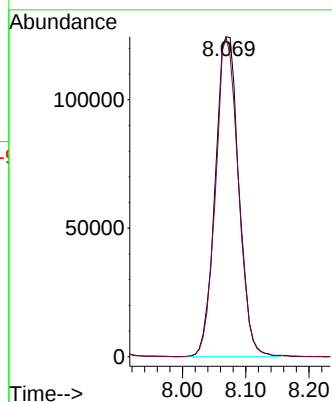
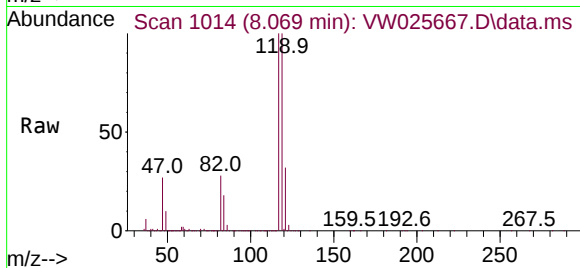
VSTD025578

Tgt Ion:117 Resp: 321569

Ion Ratio Lower Upper

117 100

119 96.1 75.7 113.5



#33

Benzene

Concen: 23.412 ug/L

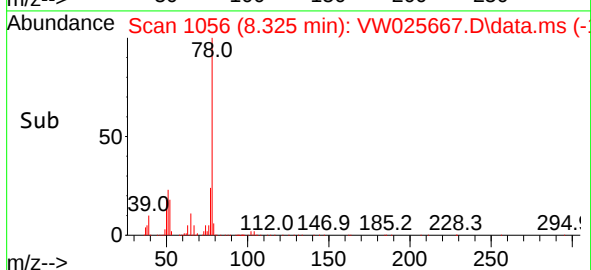
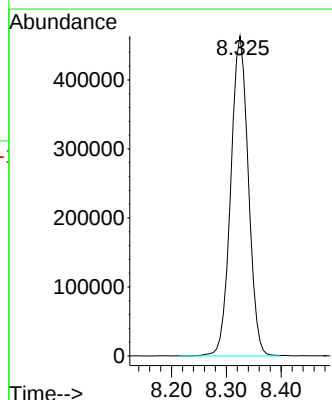
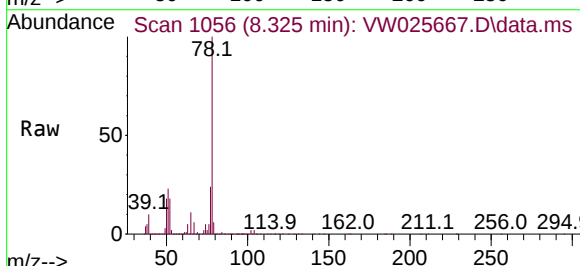
RT: 8.325 min Scan# 1056

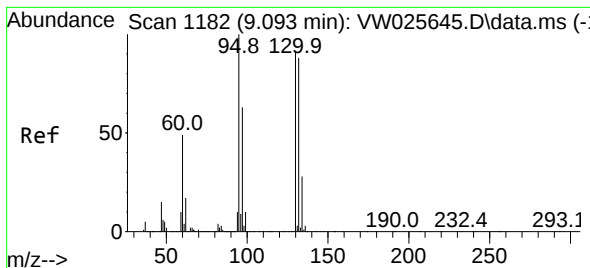
Delta R.T. 0.006 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Tgt Ion: 78 Resp: 1033002





#34

Trichloroethene

Concen: 22.361 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025667.D

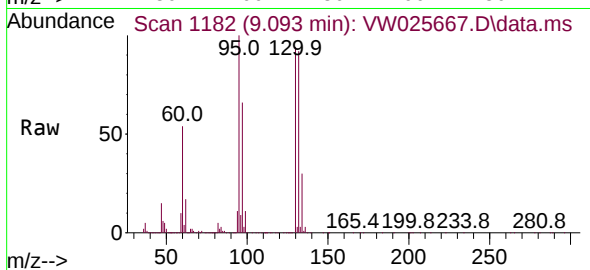
Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578



Tgt Ion: 95 Resp: 256640

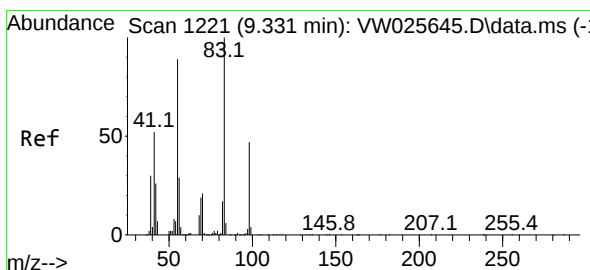
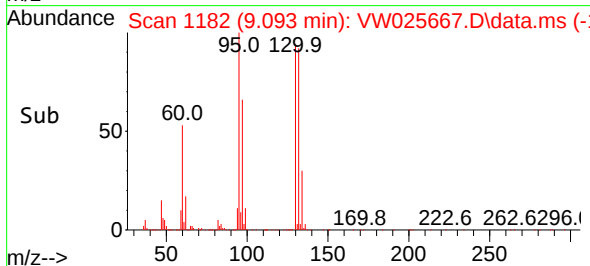
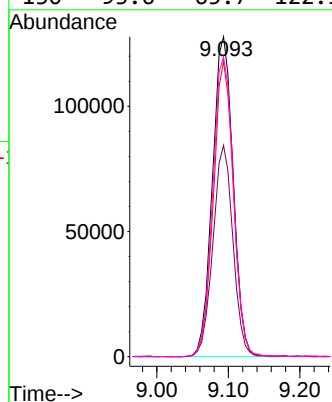
Ion Ratio Lower Upper

95 100

97 66.1 42.5 78.9

132 92.3 59.8 111.1

130 93.6 65.7 122.1



#35

Methylcyclohexane

Concen: 21.546 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

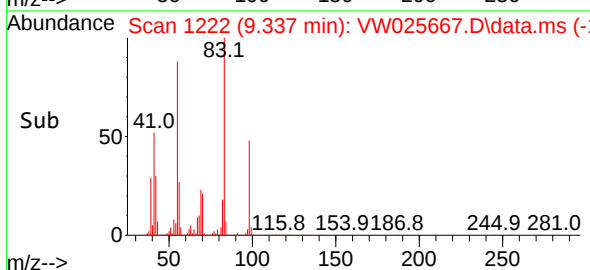
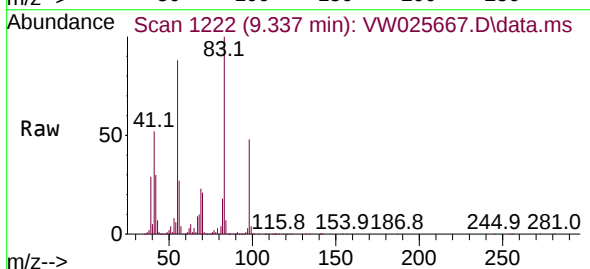
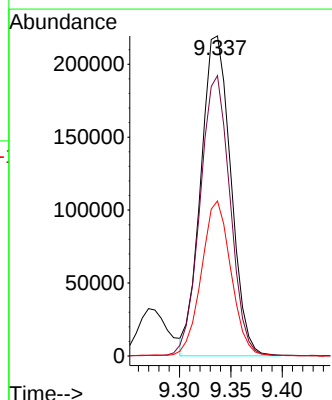
Tgt Ion: 83 Resp: 446517

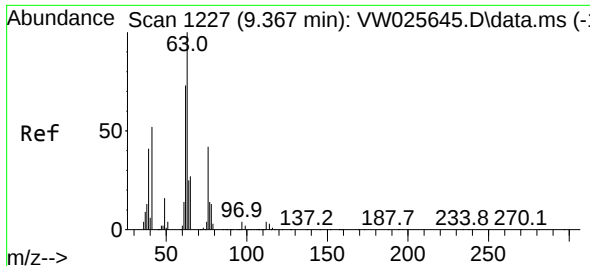
Ion Ratio Lower Upper

83 100

55 87.3 68.7 103.1

98 47.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.493 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

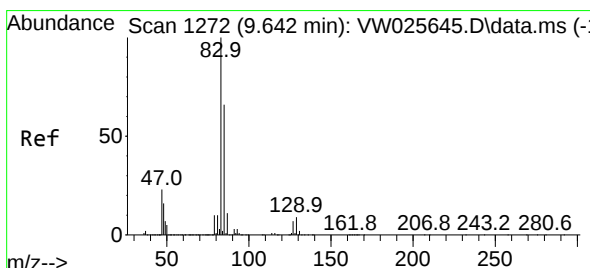
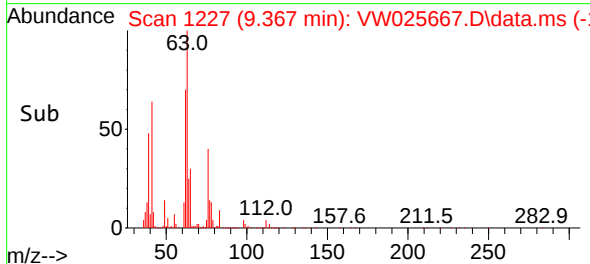
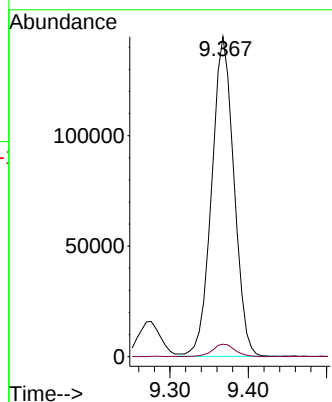
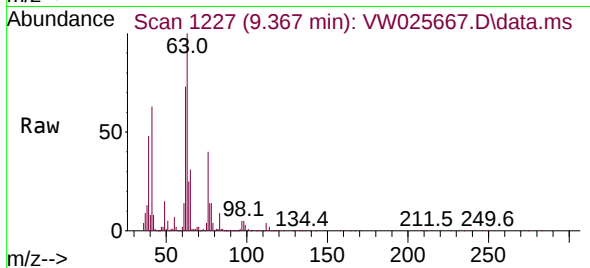
VSTD025578

Tgt Ion: 63 Resp: 285414

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 24.385 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

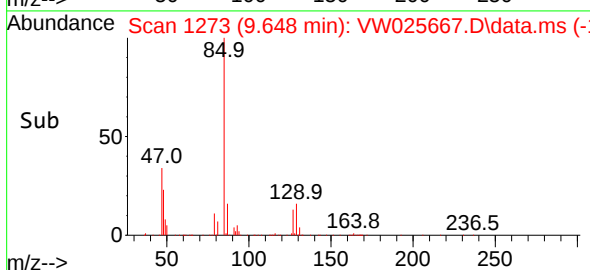
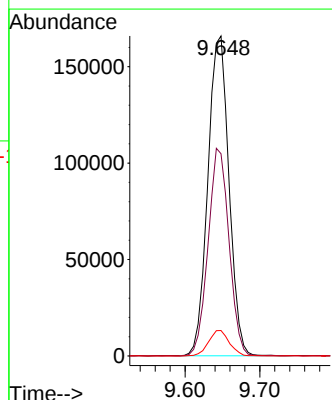
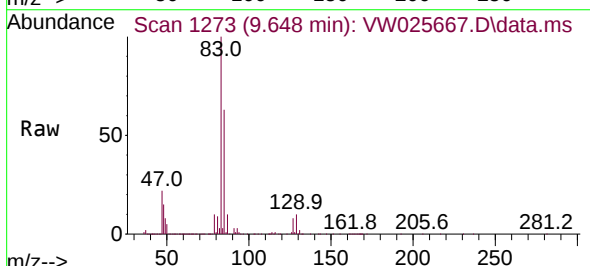
Tgt Ion: 83 Resp: 325128

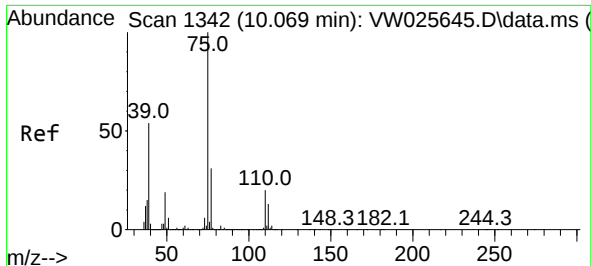
Ion Ratio Lower Upper

83 100

85 63.2 43.5 80.7

127 8.0 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 25.047 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

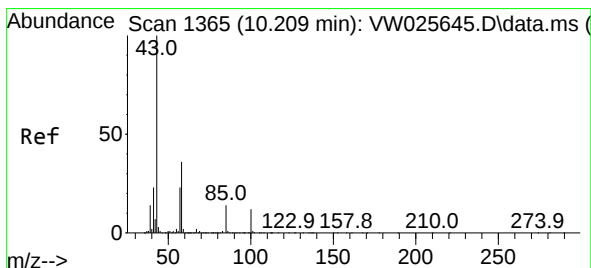
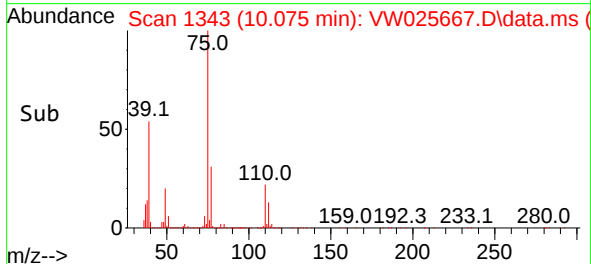
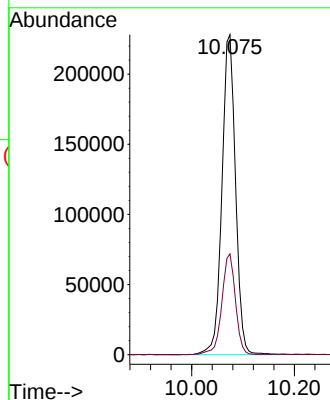
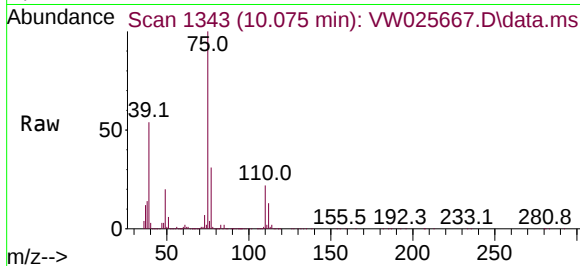
VSTD025578

Tgt Ion: 75 Resp: 418680

Ion Ratio Lower Upper

75 100

77 31.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 56.608 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

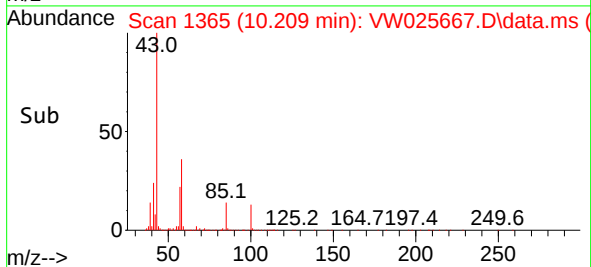
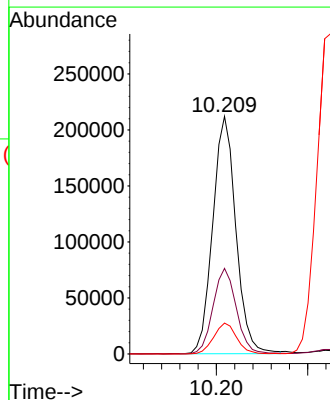
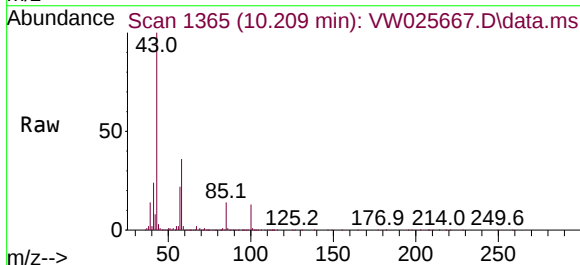
Tgt Ion: 43 Resp: 373382

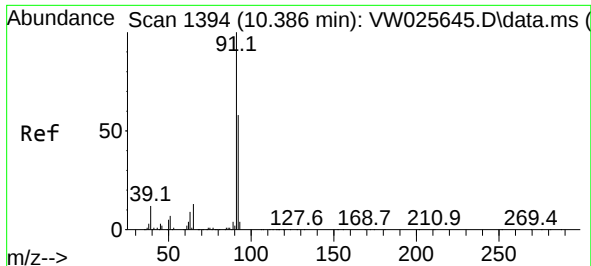
Ion Ratio Lower Upper

43 100

58 36.2 29.2 43.8

100 12.9 10.2 15.4

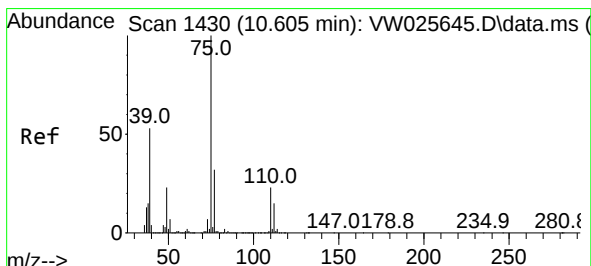
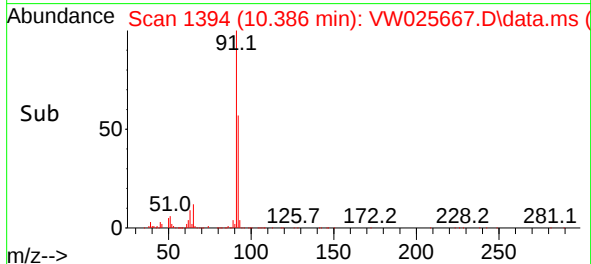
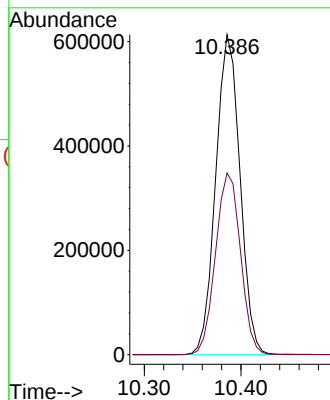
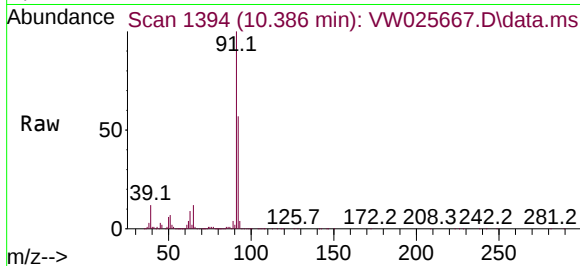




#42
Toluene
Concen: 23.750 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

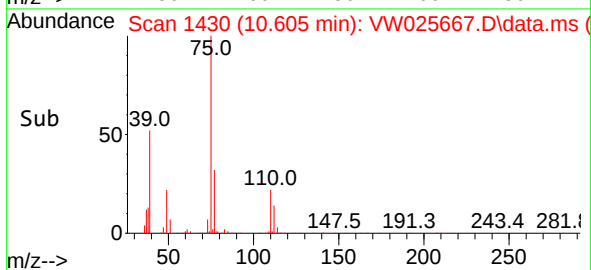
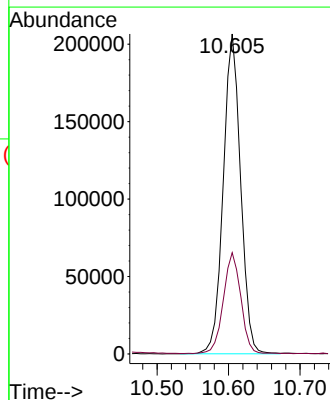
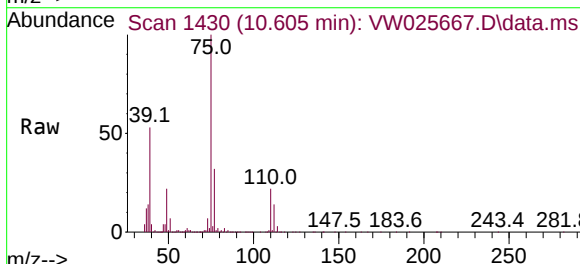
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

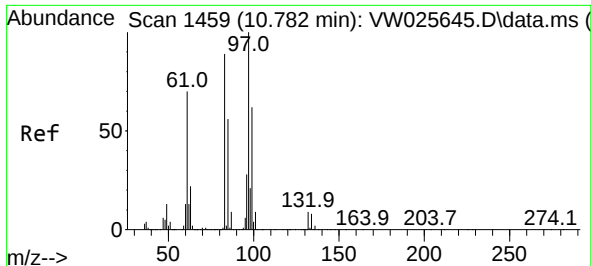
Tgt Ion: 91 Resp: 1067102
Ion Ratio Lower Upper
91 100
92 56.8 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.256 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 75 Resp: 348115
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.9



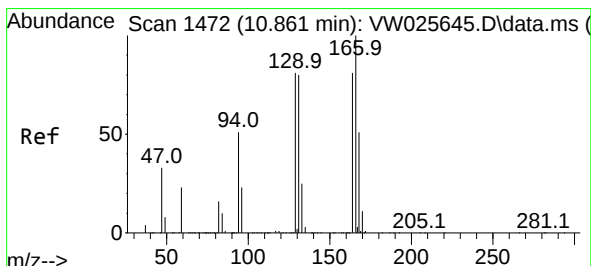
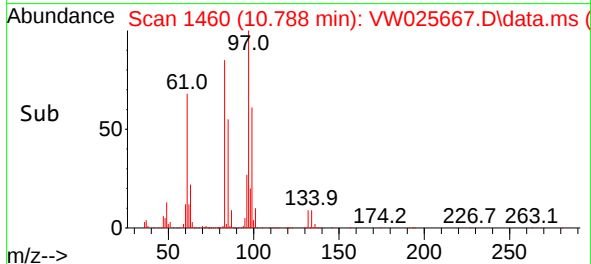
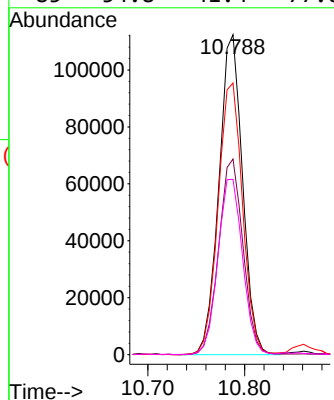
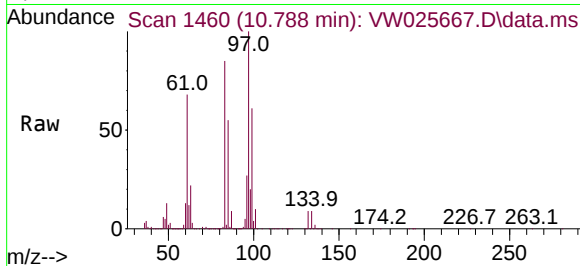


#45
1,1,2-Trichloroethane
Concen: 25.648 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

Tgt Ion: 97 Resp: 190574

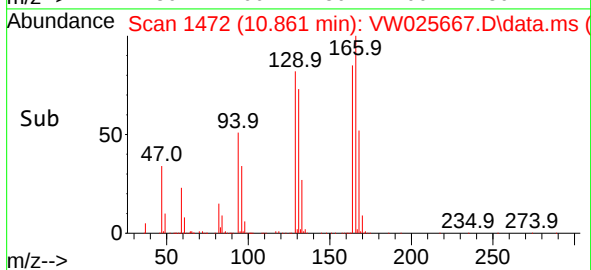
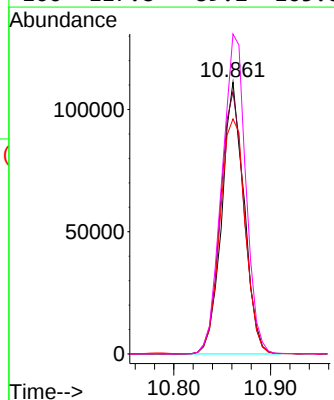
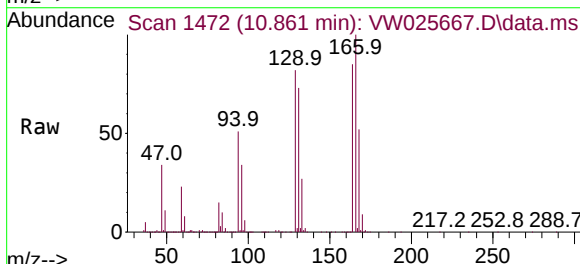
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.8	81.3
83	84.9	61.8	114.8
85	54.8	41.4	77.0

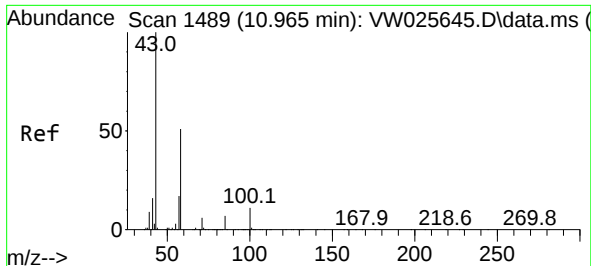


#46
Tetrachloroethene
Concen: 21.941 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion:164 Resp: 177109

Ion	Ratio	Lower	Upper
164	100		
129	96.5	76.9	142.9
131	86.5	70.5	130.9
166	117.8	89.2	165.8

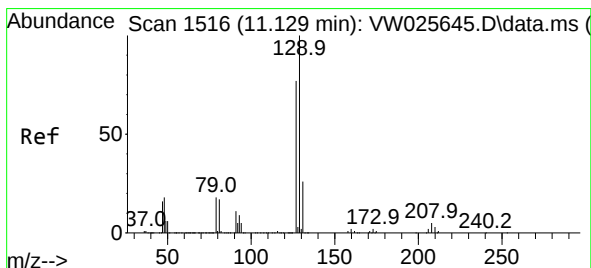
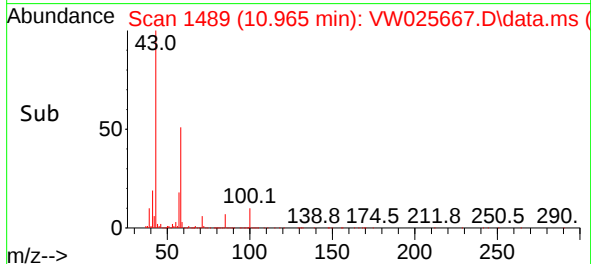
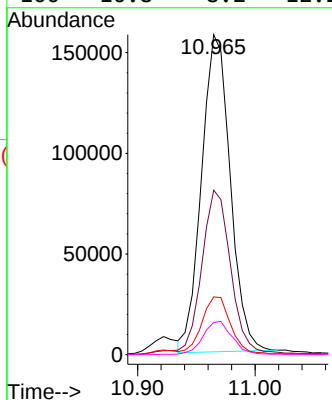
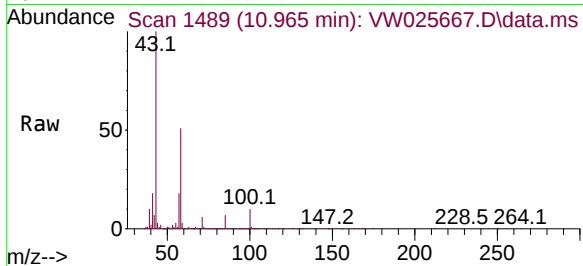




#48
2-Hexanone
Concen: 58.795 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

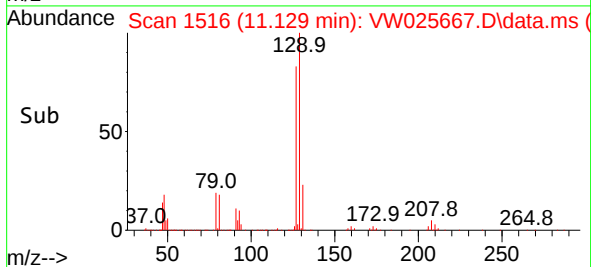
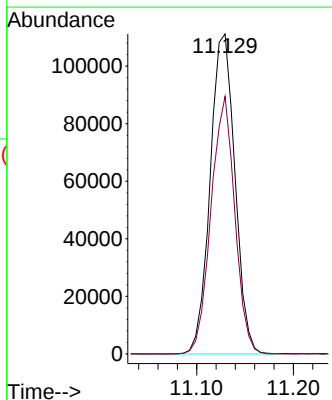
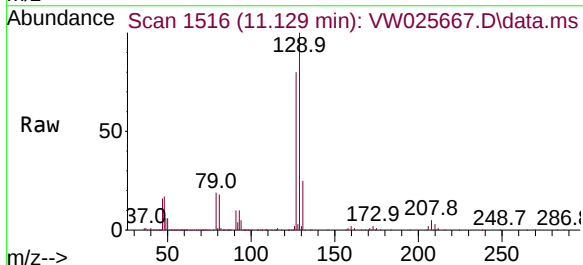
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

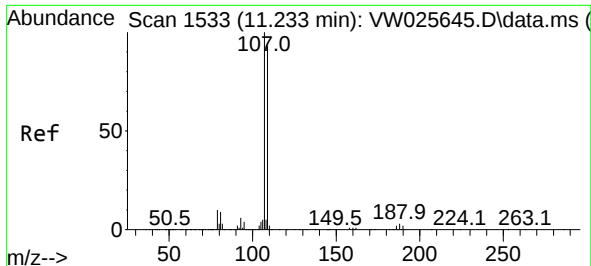
Tgt Ion:	43	Resp:	267946
Ion	Ratio	Lower	Upper
43	100		
58	52.1	38.6	57.8
57	18.4	13.9	20.9
100	10.8	8.2	12.2



#49
Dibromochloromethane
Concen: 25.286 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion:	129	Resp:	197815
Ion	Ratio	Lower	Upper
129	100		
127	80.5	54.0	100.2

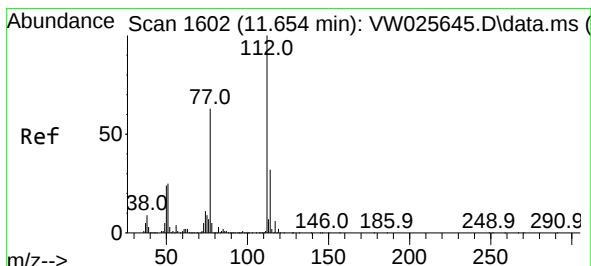
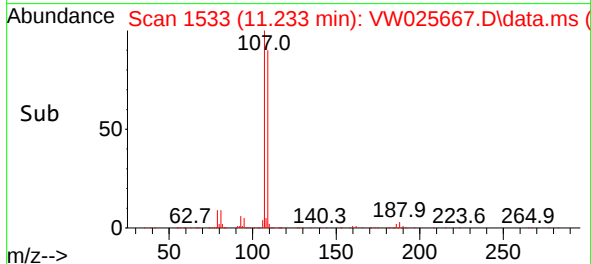
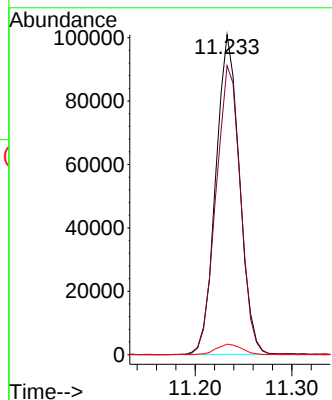
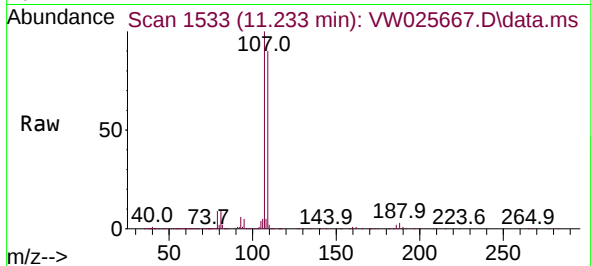




#50
1,2-Dibromoethane
Concen: 25.118 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

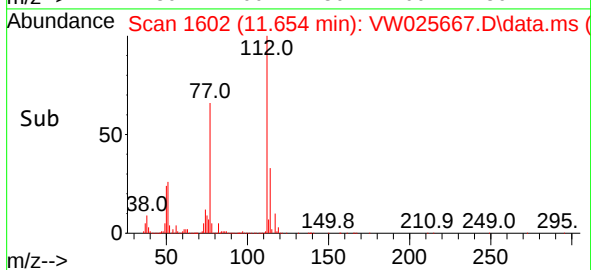
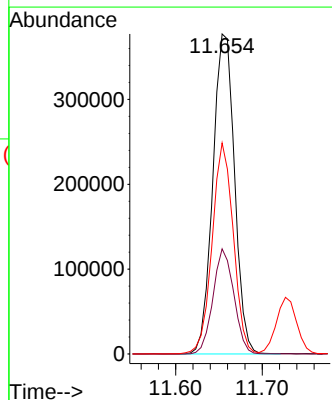
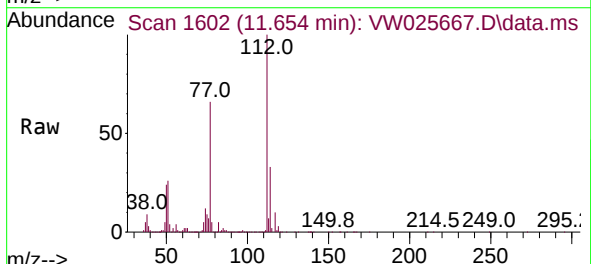
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

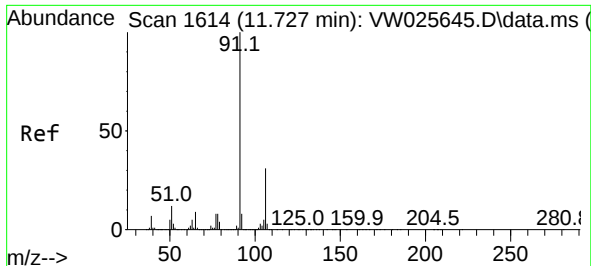
Tgt Ion:107 Resp: 171483
Ion Ratio Lower Upper
107 100
109 90.3 64.1 119.1
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 23.770 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion:112 Resp: 658097
Ion Ratio Lower Upper
112 100
114 32.8 21.6 40.2
77 65.9 50.2 75.2





#52

Ethylbenzene

Concen: 23.927 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

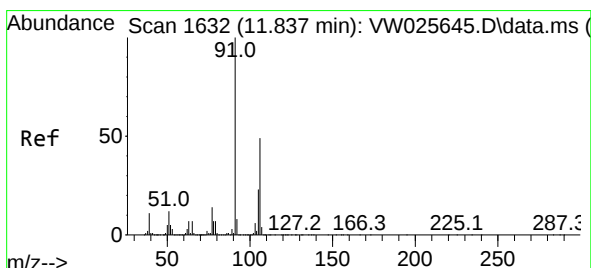
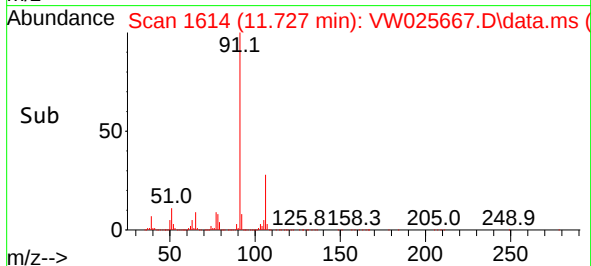
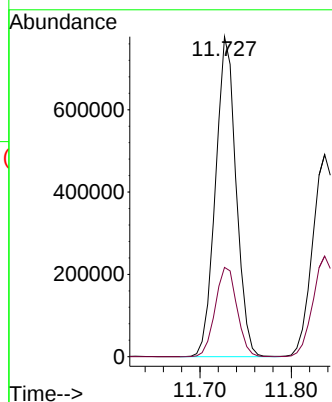
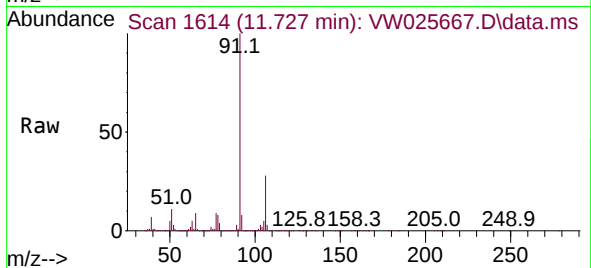
VSTD025578

Tgt Ion: 91 Resp: 1216549

Ion Ratio Lower Upper

91 100

106 27.9 20.3 37.7



#53

m,p-Xylene

Concen: 23.951 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW025667.D

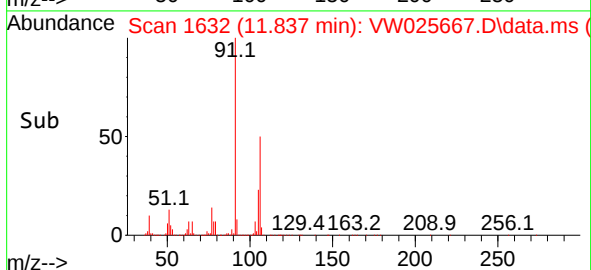
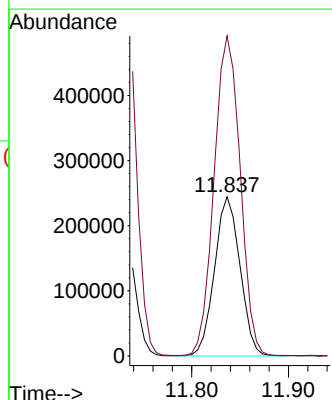
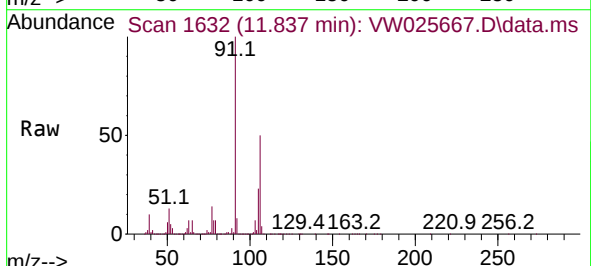
Acq: 24 Apr 2023 18:27

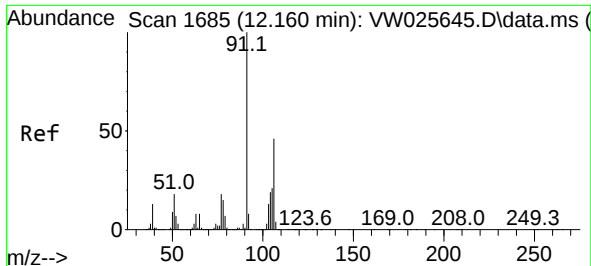
Tgt Ion:106 Resp: 446580

Ion Ratio Lower Upper

106 100

91 201.0 148.0 274.8

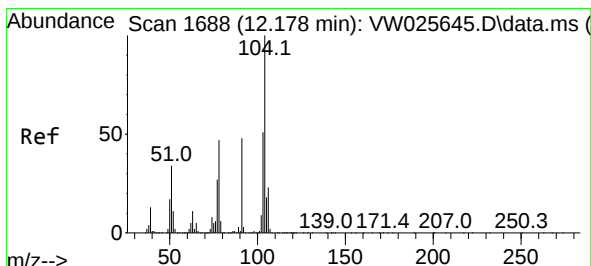
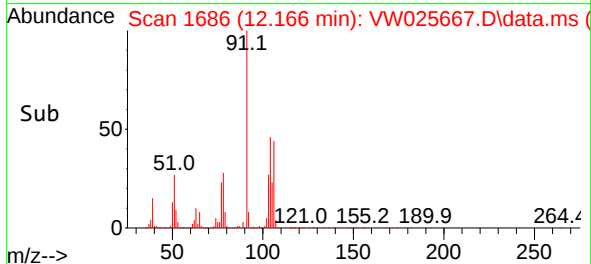
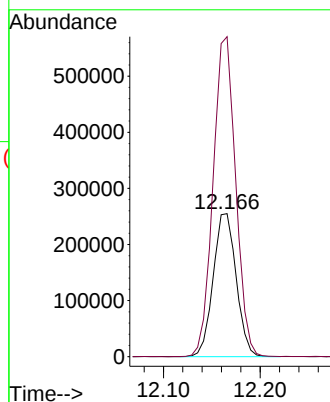
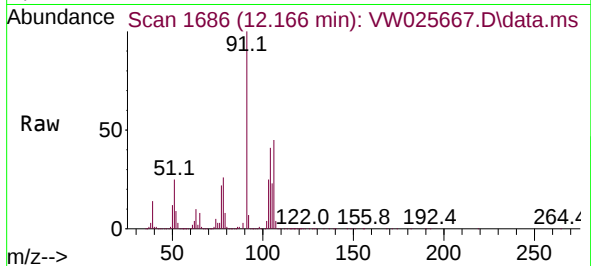




#54
o-Xylene
Concen: 24.122 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

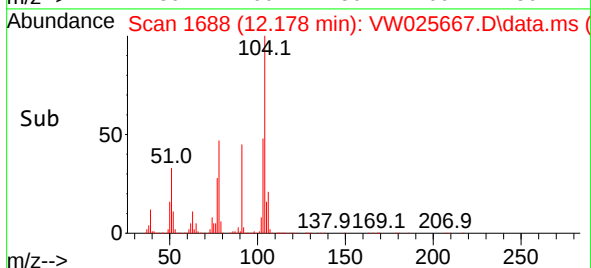
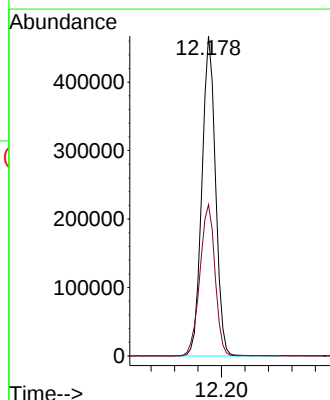
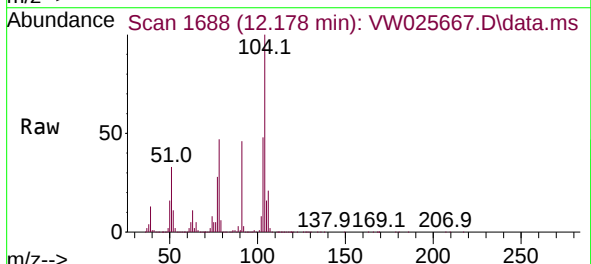
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

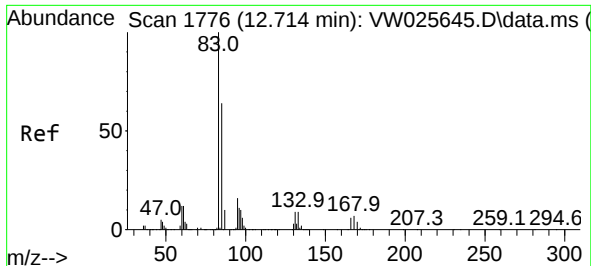
Tgt Ion:106 Resp: 420759
Ion Ratio Lower Upper
106 100
91 223.7 158.2 293.8



#55
Styrene
Concen: 25.601 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion:104 Resp: 751651
Ion Ratio Lower Upper
104 100
78 47.3 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.559 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

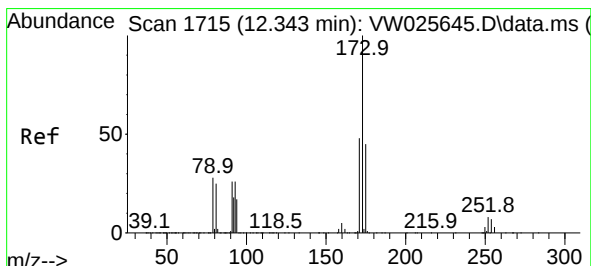
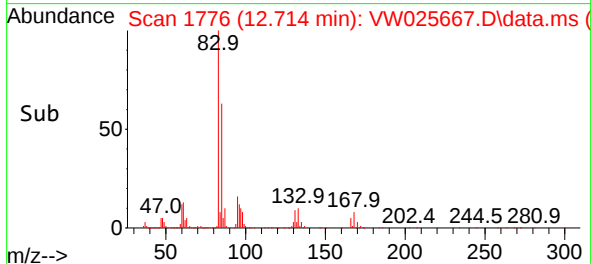
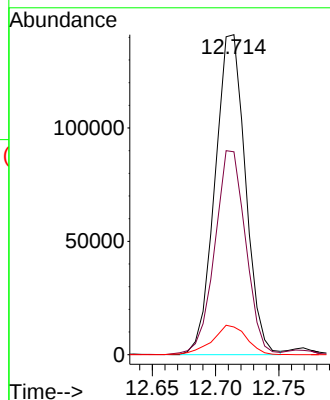
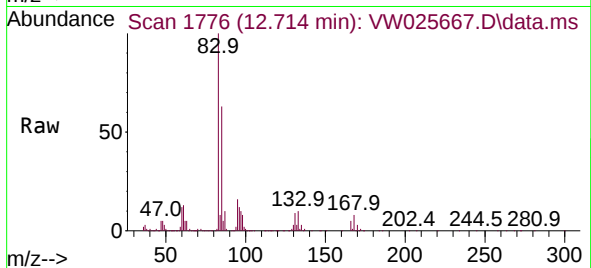
Tgt Ion: 83 Resp: 236374

Ion Ratio Lower Upper

83 100

85 63.4 43.5 80.7

131 8.6 7.0 10.4



#59

Bromoform

Concen: 25.725 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

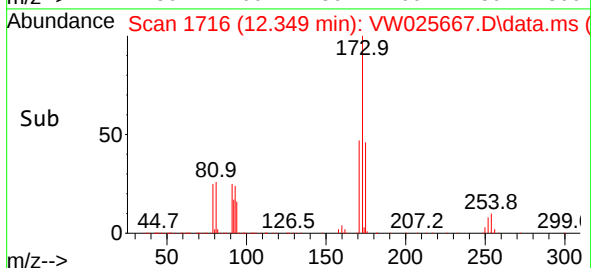
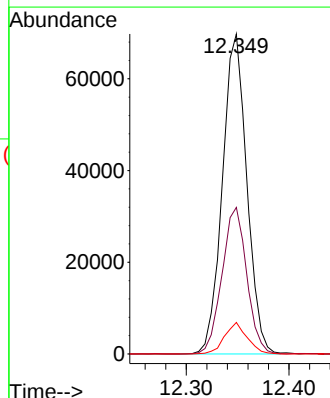
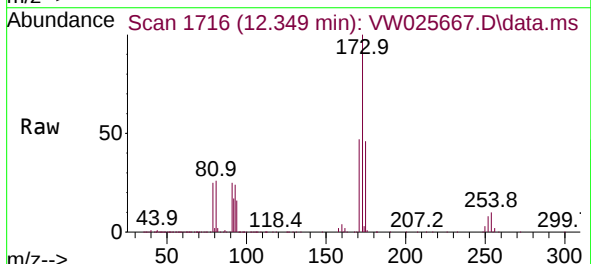
Tgt Ion:173 Resp: 115190

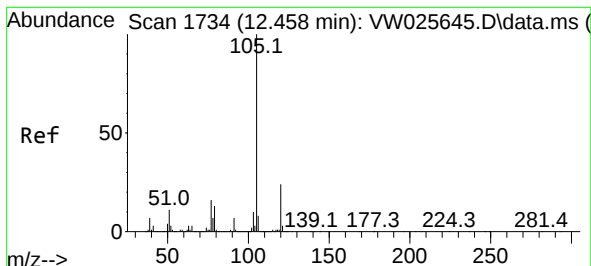
Ion Ratio Lower Upper

173 100

175 46.4 36.1 54.1

254 9.1 7.0 10.6





#60

Isopropylbenzene

Concen: 23.169 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

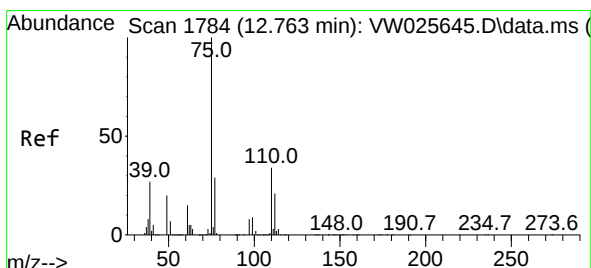
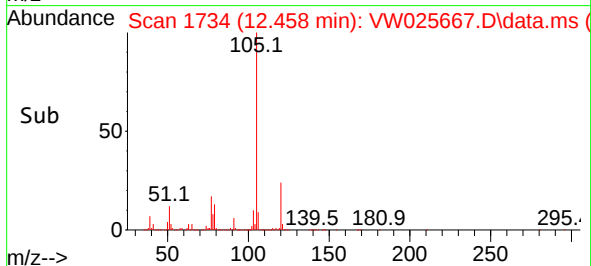
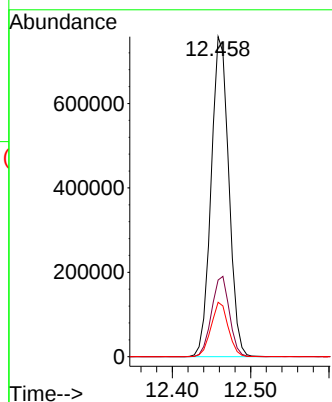
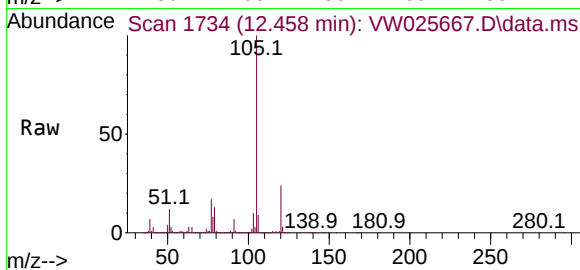
Tgt Ion:105 Resp: 1185989

Ion Ratio Lower Upper

105 100

120 25.3 20.1 30.1

77 16.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 25.272 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

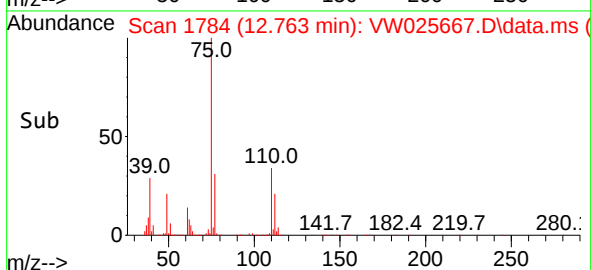
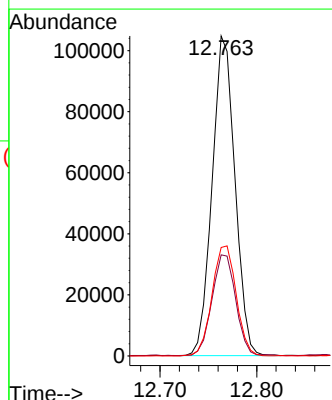
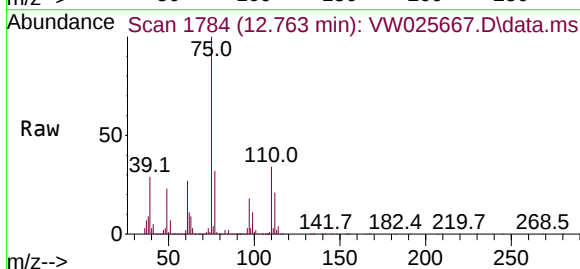
Tgt Ion: 75 Resp: 171161

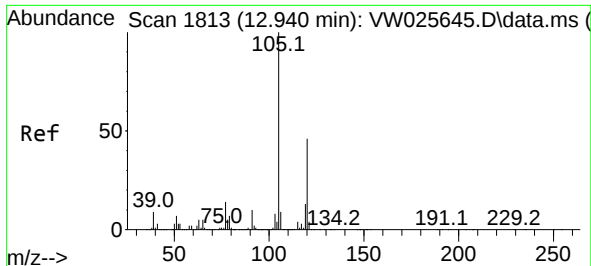
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2

110 36.5 29.0 43.6

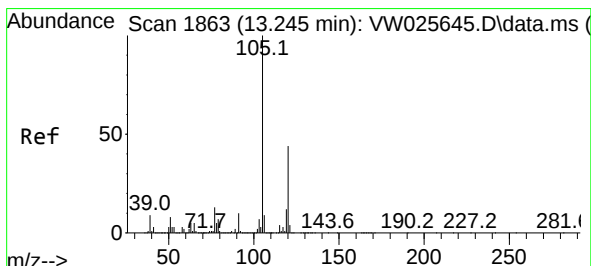
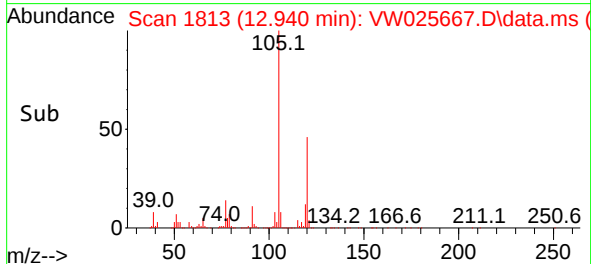
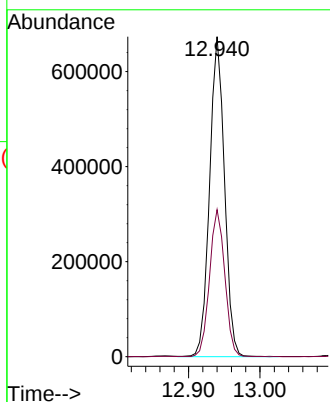
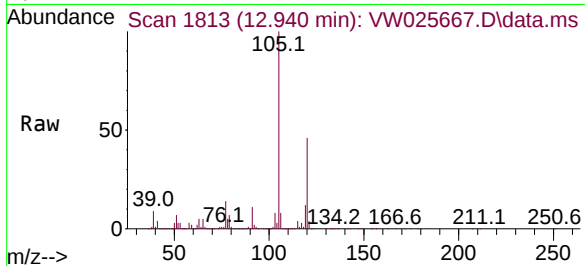




#62
1,3,5-Trimethylbenzene
Concen: 24.072 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

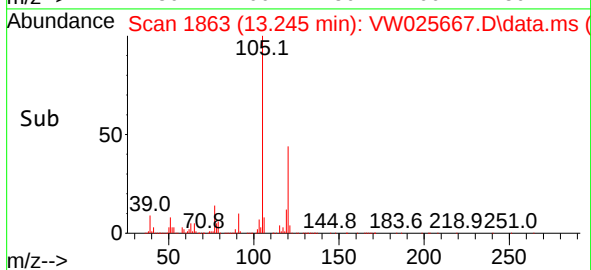
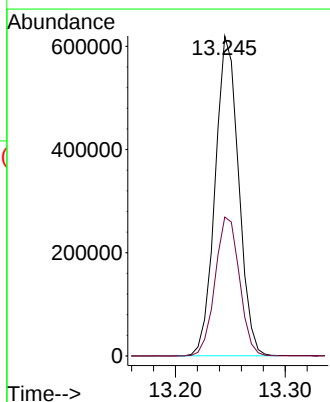
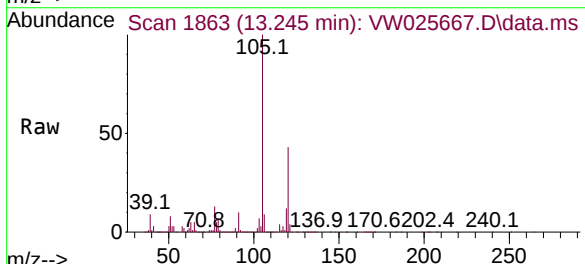
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

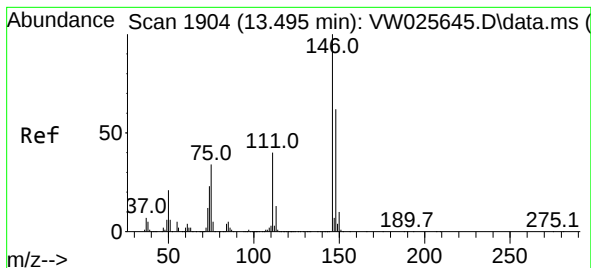
Tgt Ion:105 Resp: 972696
Ion Ratio Lower Upper
105 100
120 47.0 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 23.712 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion:105 Resp: 922616
Ion Ratio Lower Upper
105 100
120 45.1 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 23.277 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

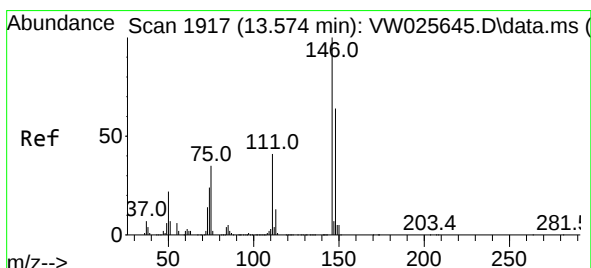
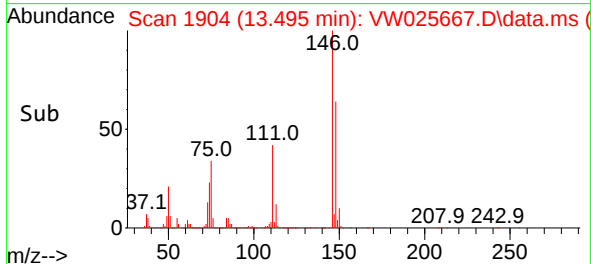
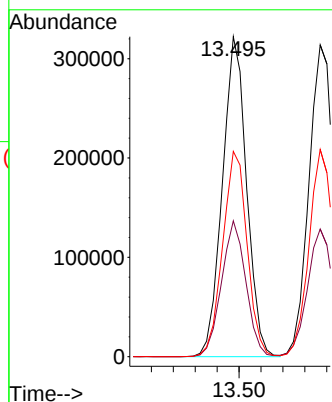
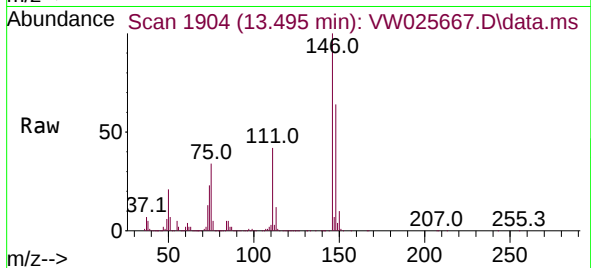
Tgt Ion:146 Resp: 493767

Ion Ratio Lower Upper

146 100

111 42.4 29.7 55.1

148 64.1 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 22.942 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

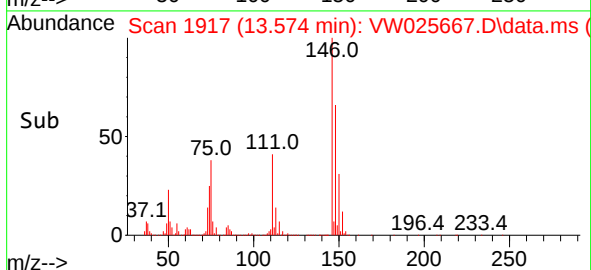
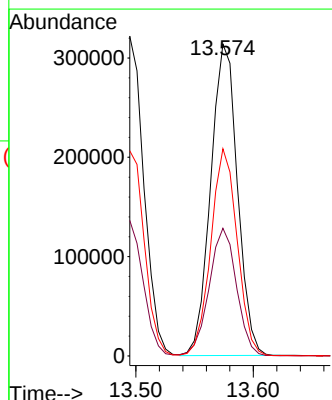
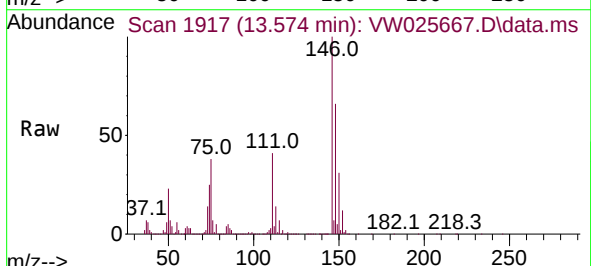
Tgt Ion:146 Resp: 497007

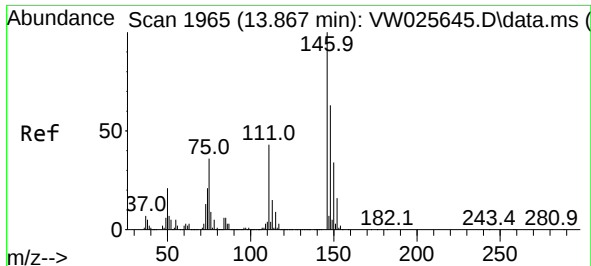
Ion Ratio Lower Upper

146 100

111 40.9 30.4 56.5

148 66.4 48.6 90.3

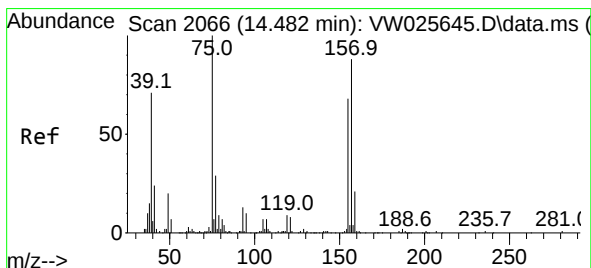
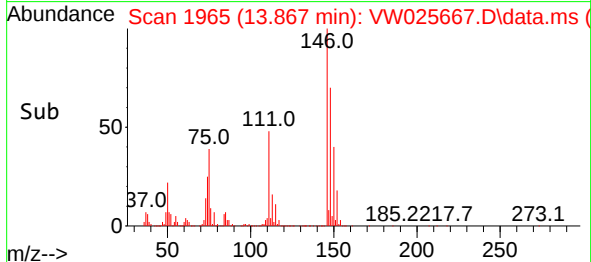
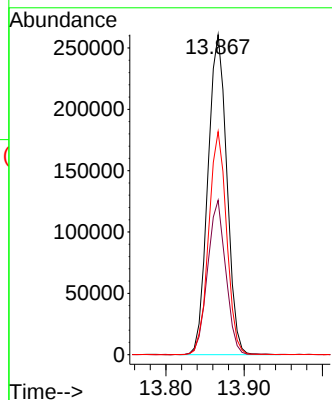
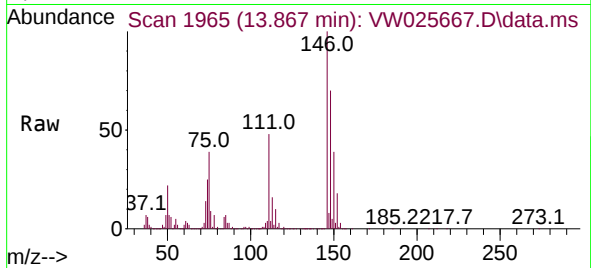




#67
1,2-Dichlorobenzene
Concen: 23.468 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

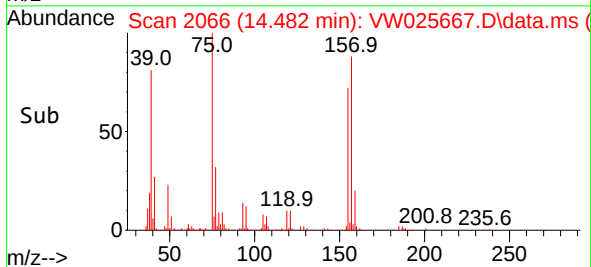
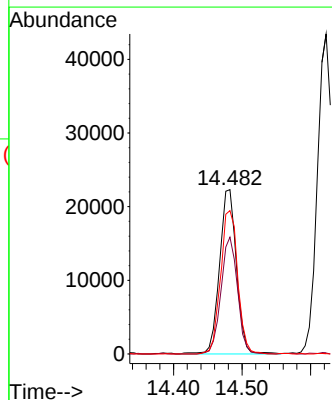
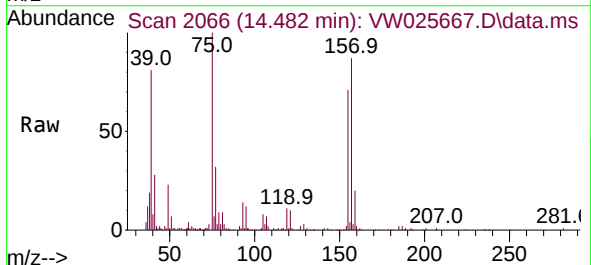
Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

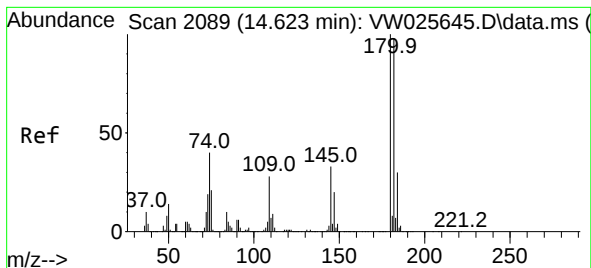
Tgt Ion:146 Resp: 436436
Ion Ratio Lower Upper
146 100
111 48.3 35.3 52.9
148 69.7 47.9 71.9



#68
1,2-Dibromo-3-chloropropane
Concen: 25.692 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion: 75 Resp: 38171
Ion Ratio Lower Upper
75 100
155 71.1 61.1 91.7
157 87.2 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 23.691 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD025578

Tgt Ion:180 Resp: 336465

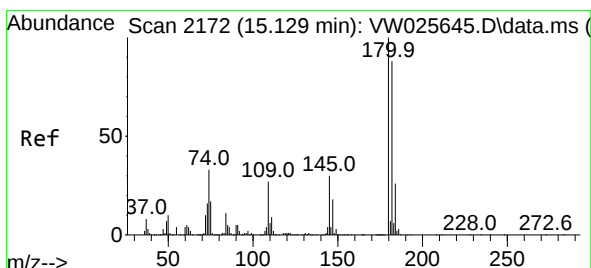
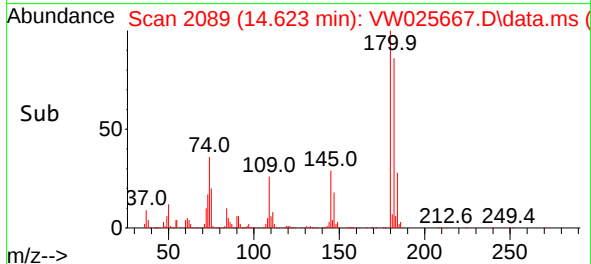
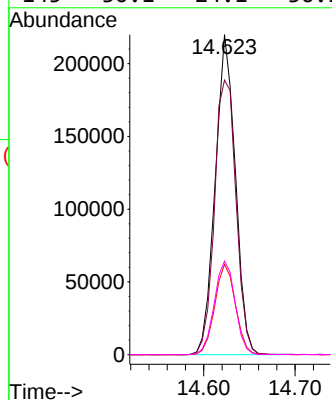
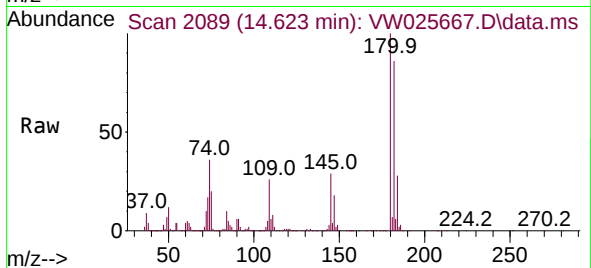
Ion Ratio Lower Upper

180 100

182 92.4 76.4 114.6

184 29.0 24.1 36.1

145 30.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 22.788 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025667.D

Acq: 24 Apr 2023 18:27

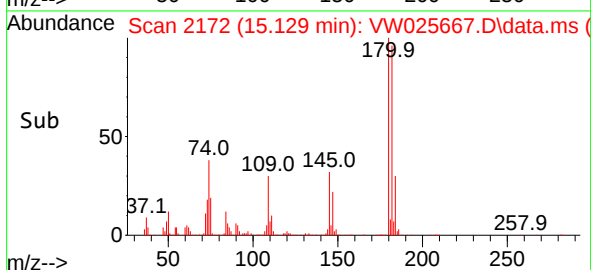
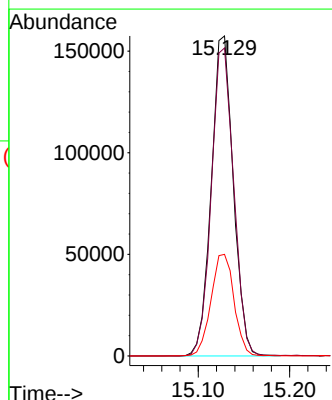
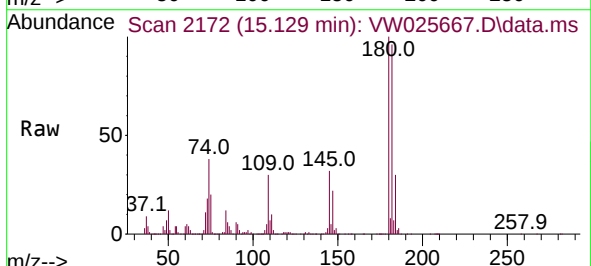
Tgt Ion:180 Resp: 262904

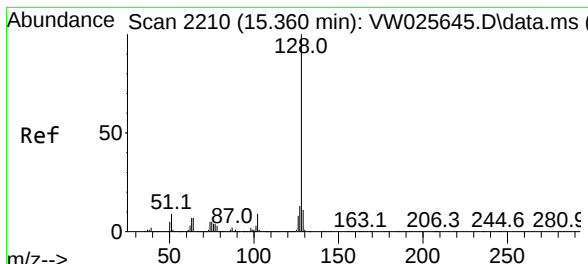
Ion Ratio Lower Upper

180 100

182 97.7 79.5 119.3

145 33.4 27.4 41.0



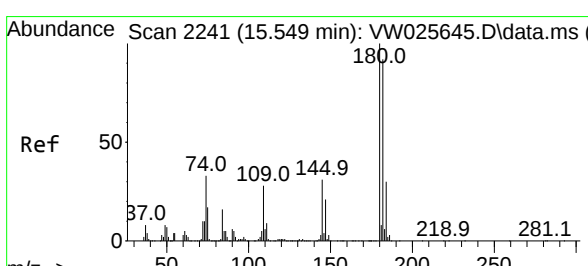
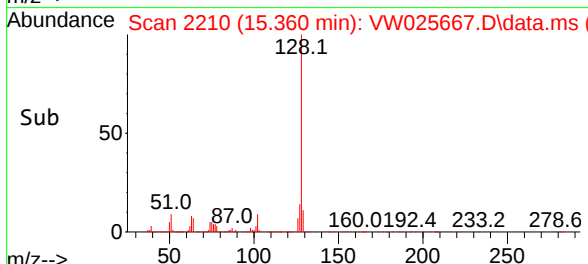
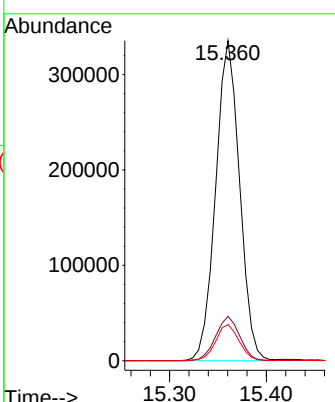
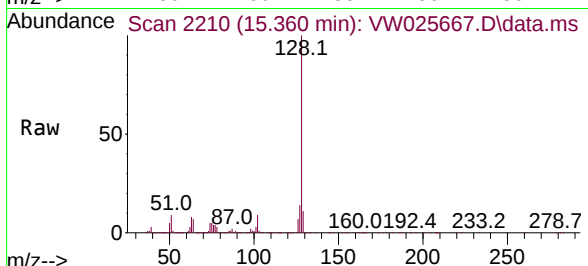


#71
Naphthalene
Concen: 26.695 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Instrument :
MSVOA_W
ClientSampleId :
VSTD025578

Tgt Ion:128 Resp: 574688

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	11.1	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.872 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025667.D
Acq: 24 Apr 2023 18:27

Tgt Ion:180 Resp: 250888

Ion	Ratio	Lower	Upper
180	100		
182	93.8	72.9	109.3
145	34.0	27.0	40.6

