

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012623\
 Data File : VW025235.D
 Acq On : 26 Jan 2023 09:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Quant Time: Jan 27 00:33:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 18 00:51:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	463460	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	405160	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201540	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	109037	20.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.885	69	77783	22.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.760%
11) 1,1-Dichloroethene-d2	4.019	63	271297	23.021	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.080%
21) 2-Butanone-d5	7.074	46	78818	57.799	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.600%
24) Chloroform-d	7.647	84	309291	26.627	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.520%
26) 1,2-Dichloroethane-d4	8.305	65	163252	27.284	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.120%
32) Benzene-d6	8.275	84	612342	25.169	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.274	67	179892	25.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.120%
41) Toluene-d8	10.323	98	563694	25.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.840%
43) trans-1,3-Dichloroprop...	10.573	79	80108	26.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.160%
47) 2-Hexanone-d5	10.921	63	62923	56.109	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	141918	28.514	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	172424	24.079	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	43480	16.540	ug/L	99
3) Chloromethane	2.215	50	87925	18.975	ug/L	99
5) Vinyl chloride	2.361	62	118020	19.969	ug/L	98
6) Bromomethane	2.776	94	61119	19.701	ug/L	100
8) Chloroethane	2.922	64	56527	20.520	ug/L	99
9) Trichlorofluoromethane	3.257	101	94998	23.206	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	124408	20.881	ug/L	96
12) 1,1-Dichloroethene	4.044	96	120751	21.015	ug/L	87
13) Acetone	4.117	43	81196	50.912	ug/L	96
14) Carbon disulfide	4.379	76	387995	20.379	ug/L	100
15) Methyl Acetate	4.666	43	49996	21.697	ug/L	98
16) Methylene chloride	4.909	84	126492	17.646	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	126927	20.623	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	185858	21.545	ug/L	98
19) 1,1-Dichloroethane	6.214	63	225745	20.851	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	135186	21.134	ug/L	97
22) 2-Butanone	7.165	43	88575	49.983	ug/L	99
23) Bromochloromethane	7.519	128	57641	21.588	ug/L	86
25) Chloroform	7.677	83	227394	21.362	ug/L	97

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

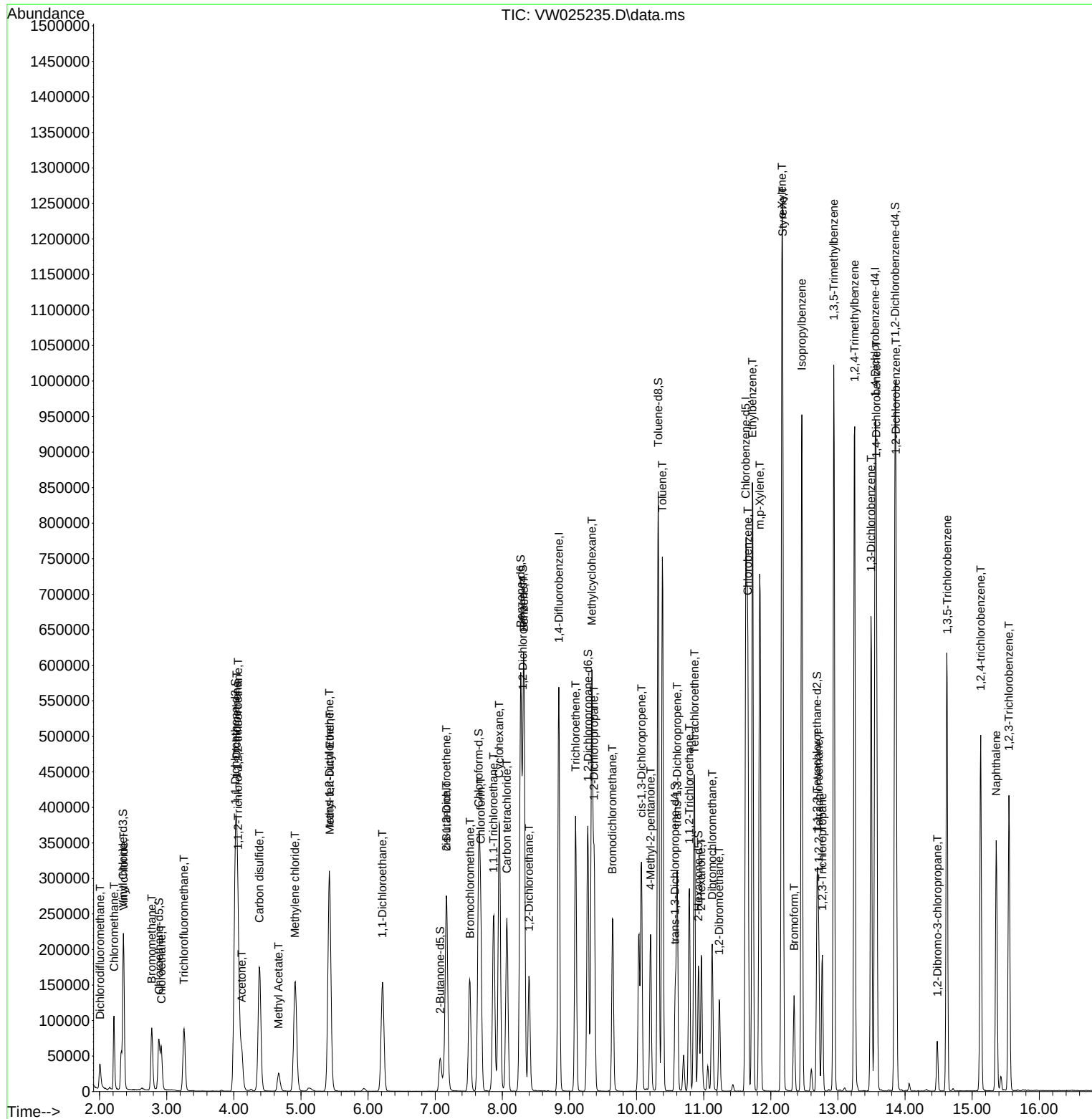
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	149967	22.763	ug/L	99
29) Cyclohexane	7.952	56	215459	20.175	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	203598	22.626	ug/L	99
31) Carbon tetrachloride	8.067	117	188768	23.035	ug/L	97
33) Benzene	8.323	78	521733	21.302	ug/L	100
34) Trichloroethene	9.092	95	134955	21.128	ug/L	97
35) Methylcyclohexane	9.335	83	244435	21.089	ug/L	99
37) 1,2-Dichloropropane	9.366	63	122344	20.314	ug/L	99
38) Bromodichloromethane	9.640	83	167554	22.255	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	198094	21.562	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	139940	44.522	ug/L	99
42) Toluene	10.384	91	546814	21.226	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	171357	21.803	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	91805	21.975	ug/L	98
46) Tetrachloroethene	10.866	164	98979	21.091	ug/L	92
48) 2-Hexanone	10.963	43	118171	49.022	ug/L	99
49) Dibromochloromethane	11.128	129	109084	22.374	ug/L	96
50) 1,2-Dibromoethane	11.231	107	87763	22.207	ug/L #	95
51) Chlorobenzene	11.658	112	346580	21.540	ug/L	99
52) Ethylbenzene	11.725	91	610080	21.251	ug/L	98
53) m,p-Xylene	11.835	106	238661	21.511	ug/L	95
54) o-Xylene	12.164	106	221278	21.670	ug/L	99
55) Styrene	12.176	104	386780	22.289	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	107831	23.147	ug/L	100
59) Bromoform	12.347	173	56728	21.339	ug/L	99
60) Isopropylbenzene	12.463	105	615954	20.283	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	79784	21.220	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	533032	20.702	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	526145	20.716	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	264008	21.269	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	251508	20.446	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	225719	21.070	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19393	23.028	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	182804	20.671	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	149696	19.933	ug/L	97
71) Naphthalene	15.359	128	294265	19.994	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	127434	19.783	ug/L	98

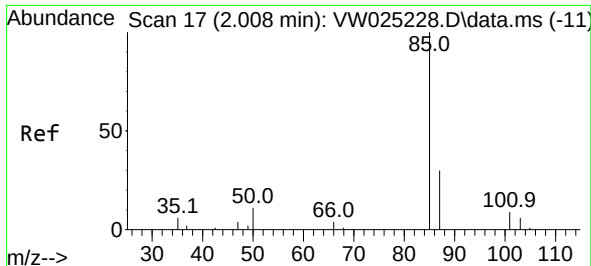
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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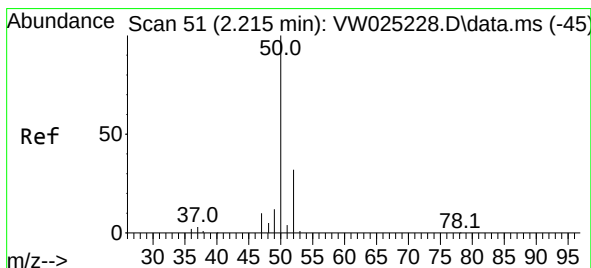
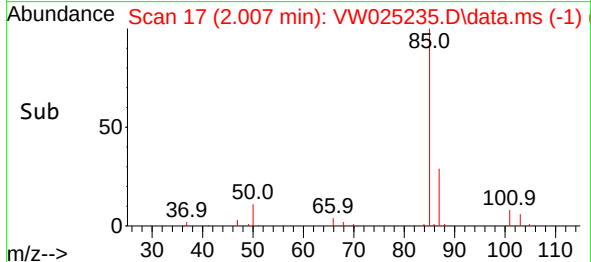
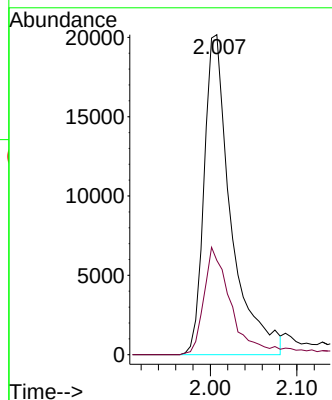
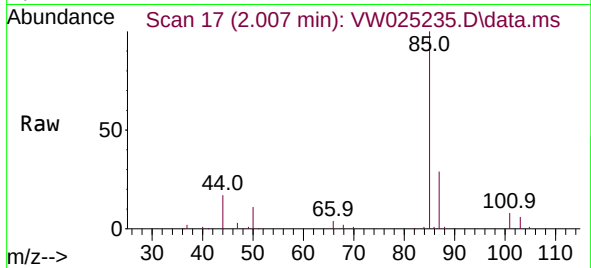




#2
 Dichlorodifluoromethane
 Concen: 16.540 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025235.D
 Acq: 26 Jan 2023 09:13

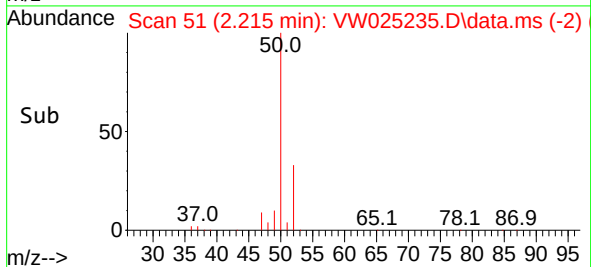
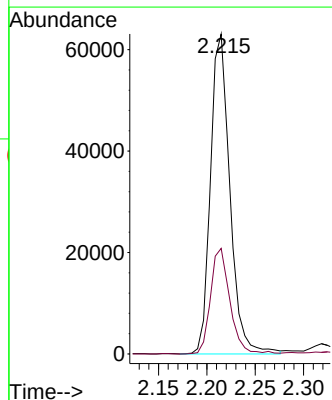
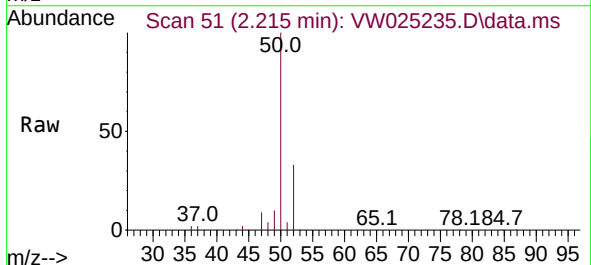
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

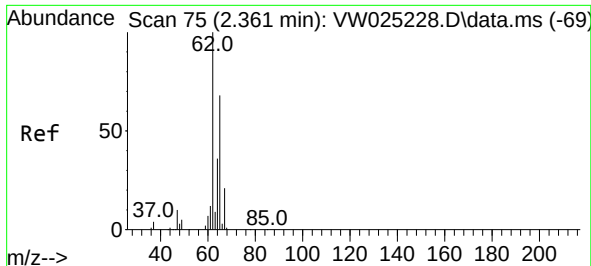
Tgt Ion: 85 Resp: 43480
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.6 39.8



#3
 Chloromethane
 Concen: 18.975 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW025235.D
 Acq: 26 Jan 2023 09:13

Tgt Ion: 50 Resp: 87925
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1

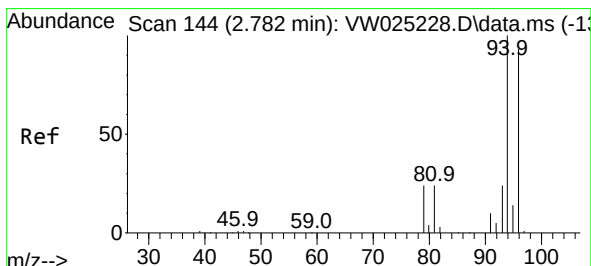
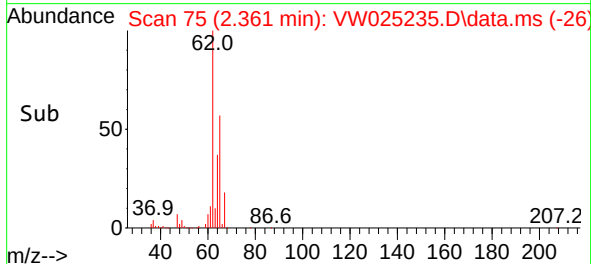
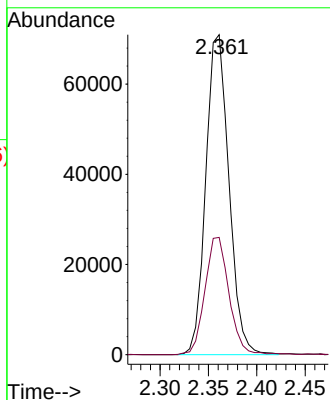
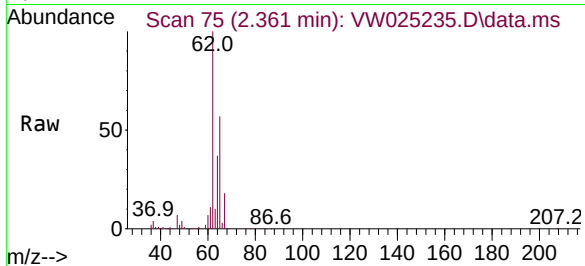




#5
 Vinyl chloride
 Concen: 19.969 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW025235.D
 Acq: 26 Jan 2023 09:13

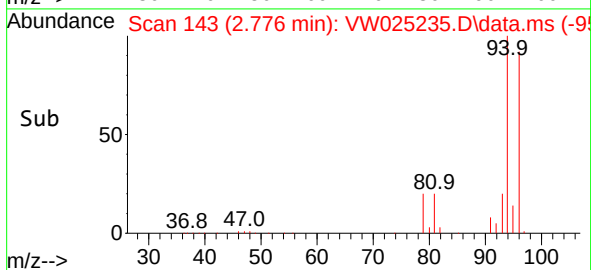
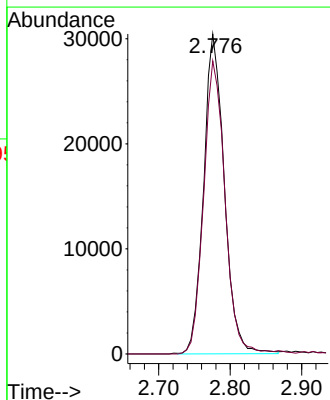
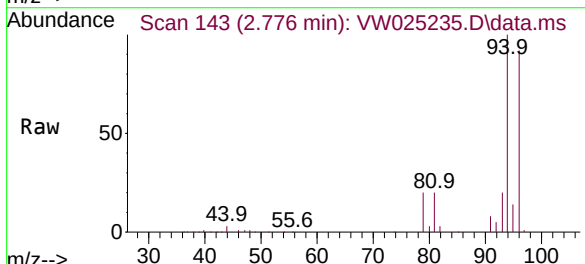
Instrument :
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 ClientSampleId :
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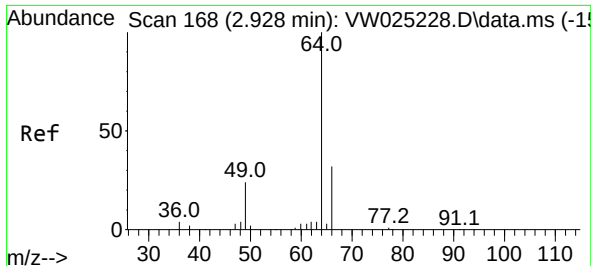
Tgt Ion: 62 Resp: 118020
 Ion Ratio Lower Upper
 62 100
 64 36.7 24.8 46.1



#6
 Bromomethane
 Concen: 19.701 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW025235.D
 Acq: 26 Jan 2023 09:13

Tgt Ion: 94 Resp: 61119
 Ion Ratio Lower Upper
 94 100
 96 91.6 63.9 118.7

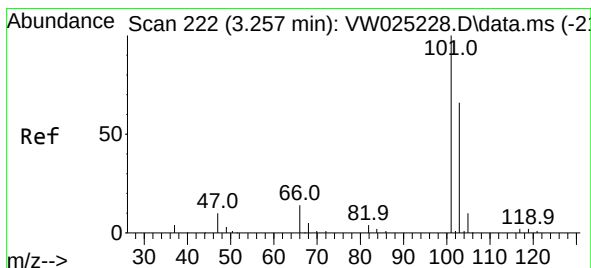
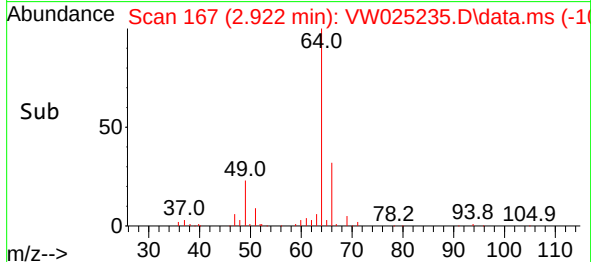
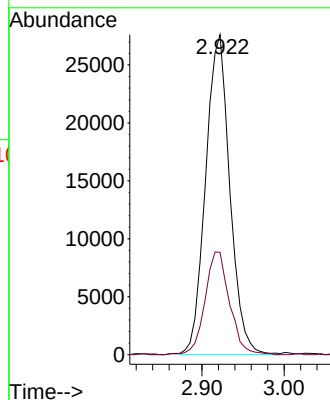
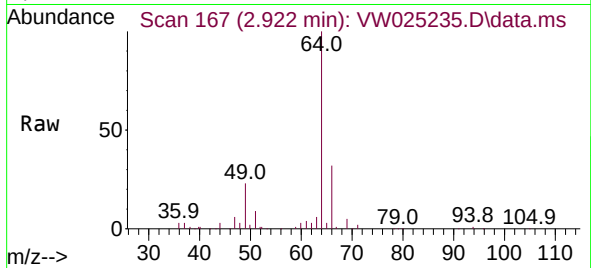




#8
Chloroethane
Concen: 20.520 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

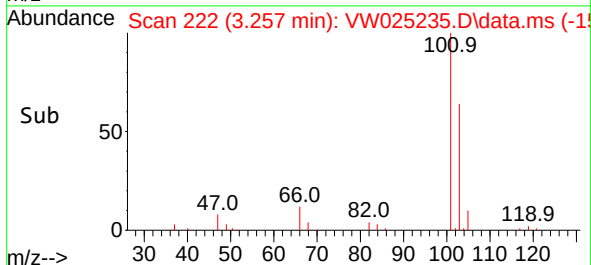
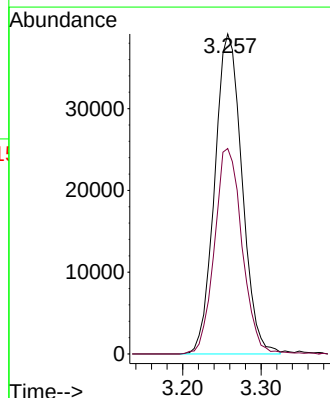
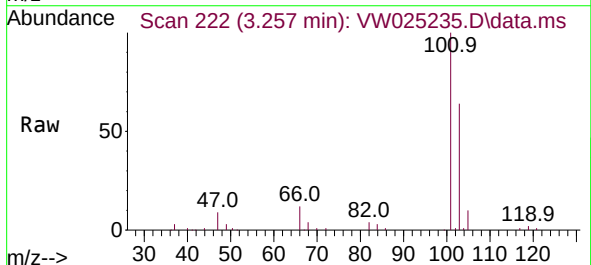
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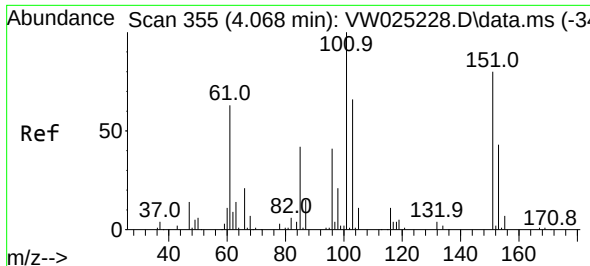
Tgt Ion: 64 Resp: 56527
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.206 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion:101 Resp: 94998
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

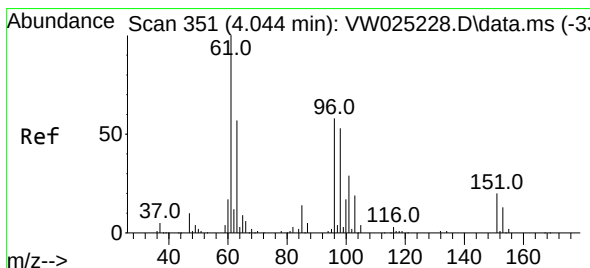
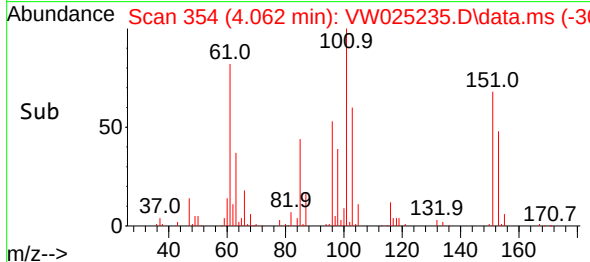
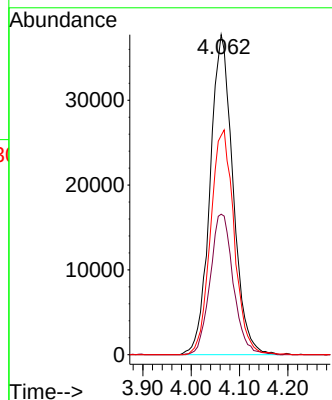
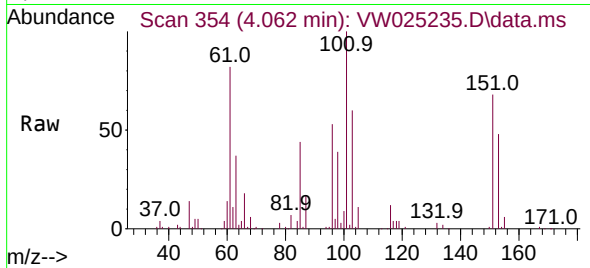




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.881 ug/L
 RT: 4.062 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VW025235.D
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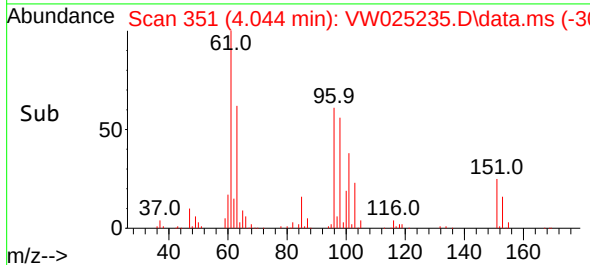
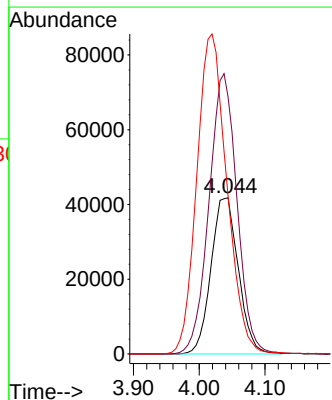
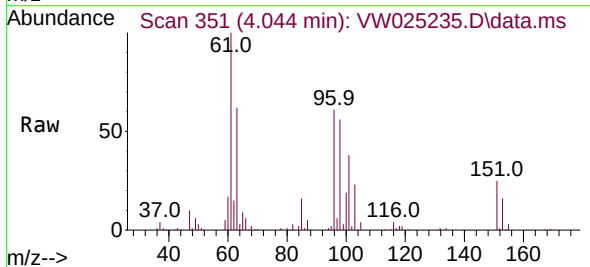
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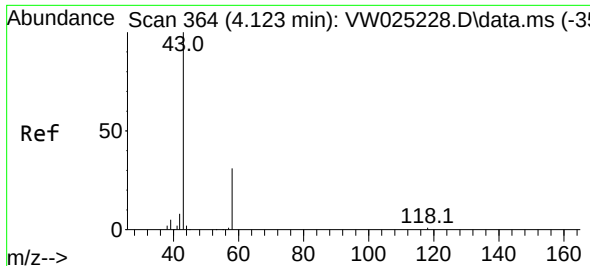
Tgt Ion:101 Resp: 124408
 Ion Ratio Lower Upper
 101 100
 85 44.3 33.8 50.8
 151 71.9 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 21.015 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025235.D
 Acq: 26 Jan 2023 09:13

Tgt Ion: 96 Resp: 120751
 Ion Ratio Lower Upper
 96 100
 61 164.7 119.3 221.5
 63 101.3 91.3 169.6





#13

Acetone

Concen: 50.912 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

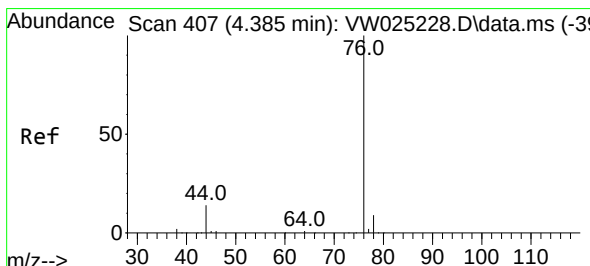
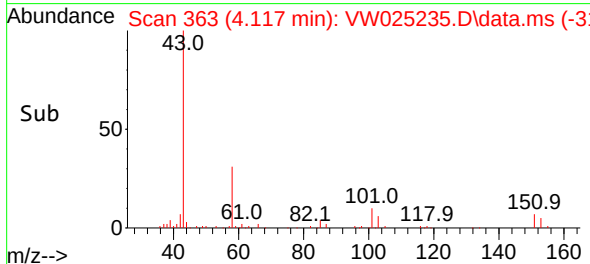
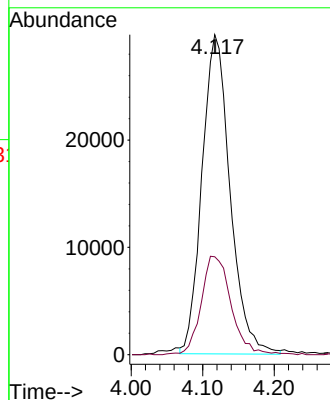
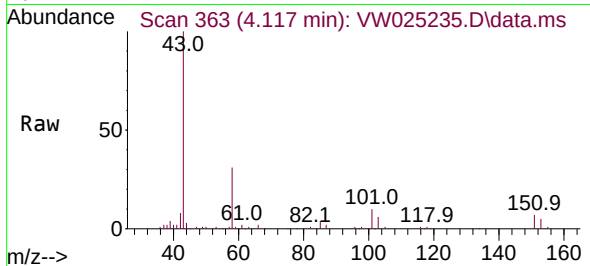
VSTD025524

Tgt Ion: 43 Resp: 81196

Ion Ratio Lower Upper

43 100

58 31.1 0.0 66.8



#14

Carbon disulfide

Concen: 20.379 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW025235.D

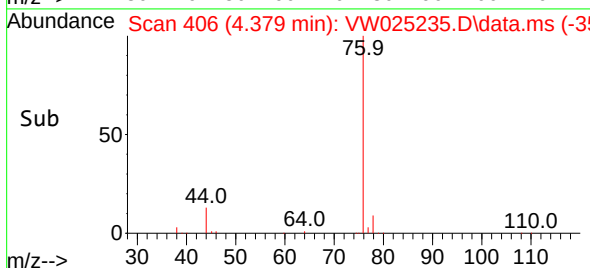
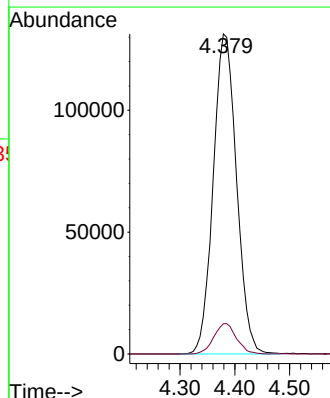
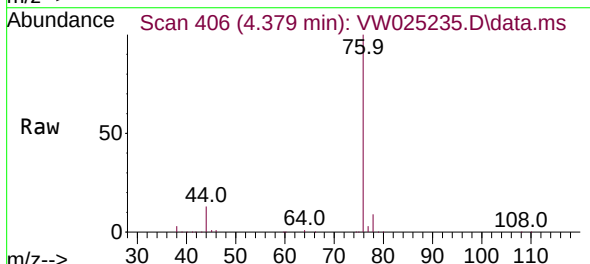
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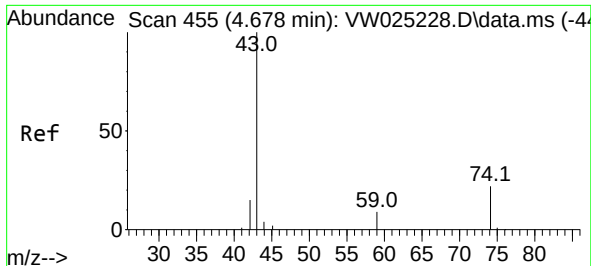
Tgt Ion: 76 Resp: 387995

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4

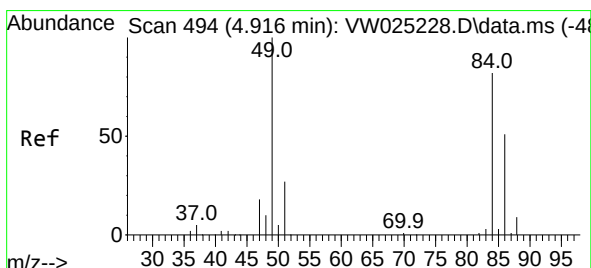
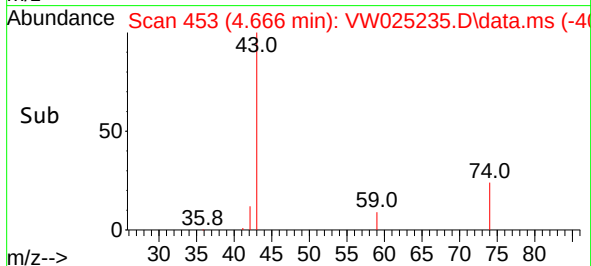
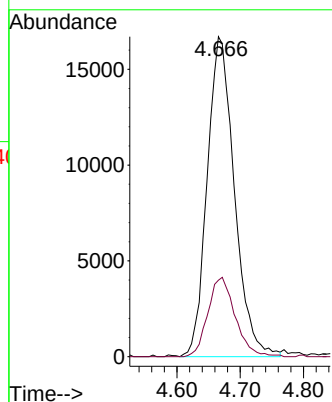
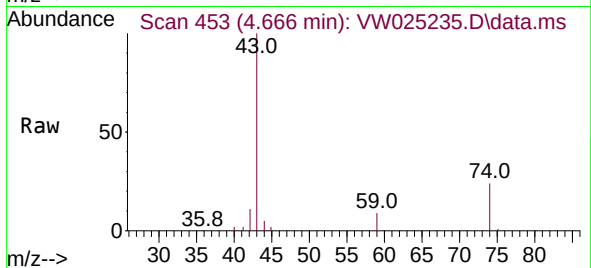




#15
Methyl Acetate
Concen: 21.697 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

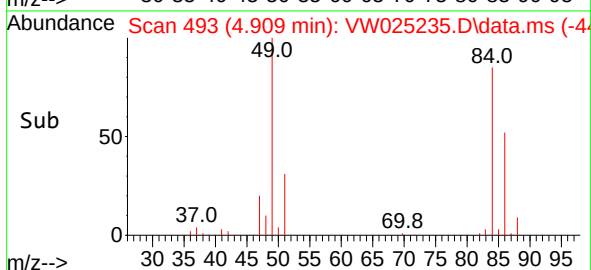
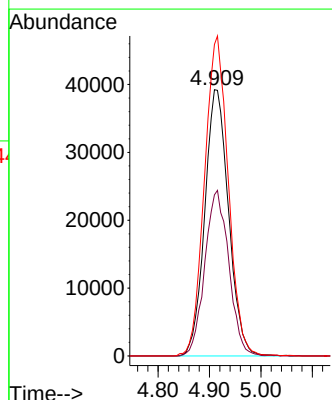
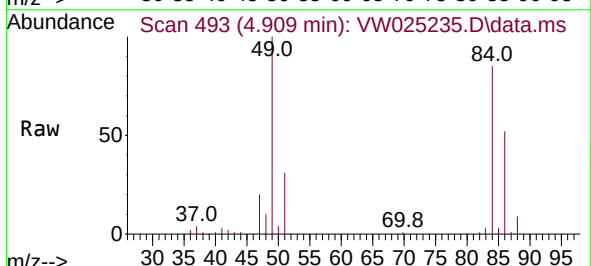
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

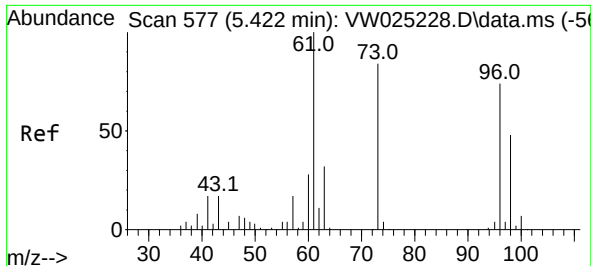
Tgt Ion: 43 Resp: 49996
Ion Ratio Lower Upper
43 100
74 24.7 20.4 30.6



#16
Methylene chloride
Concen: 17.646 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion: 84 Resp: 126492
Ion Ratio Lower Upper
84 100
86 60.5 43.4 80.6
49 117.0 82.0 152.2

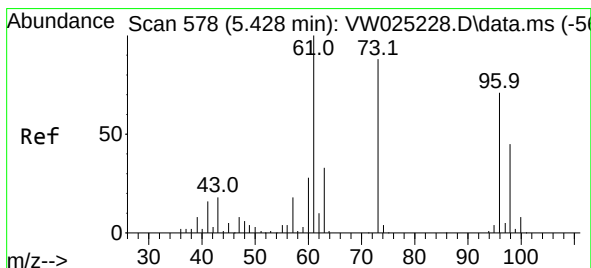
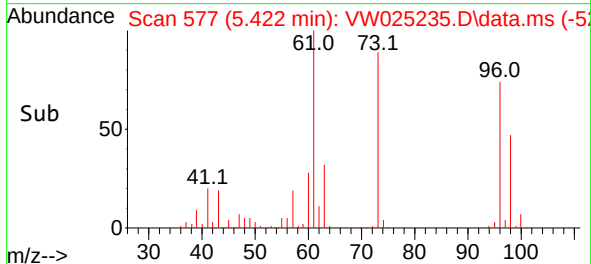
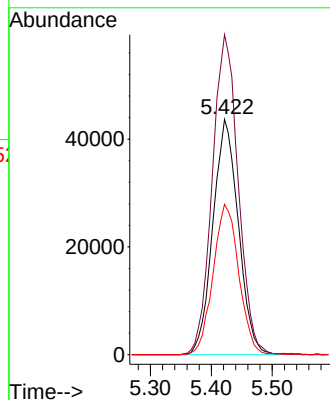
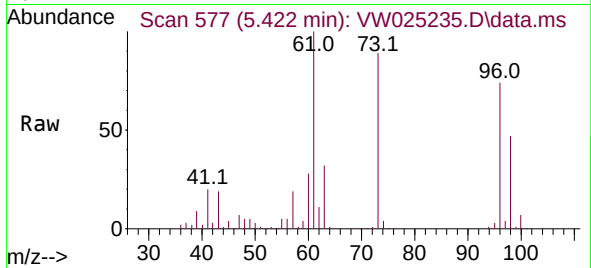




#17
trans-1,2-Dichloroethene
Concen: 20.623 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

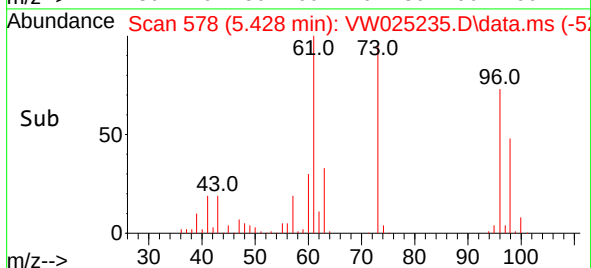
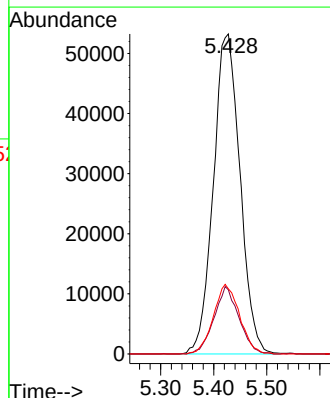
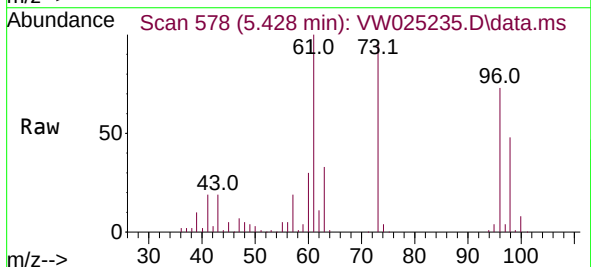
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

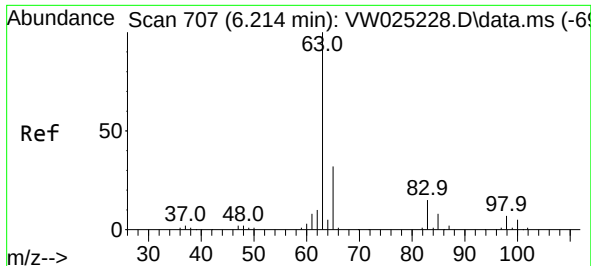
Tgt Ion: 96 Resp: 126927
Ion Ratio Lower Upper
96 100
61 136.0 94.2 175.0
98 63.9 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 21.545 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion: 73 Resp: 185858
Ion Ratio Lower Upper
73 100
43 19.7 15.2 22.8
57 21.3 17.8 26.6

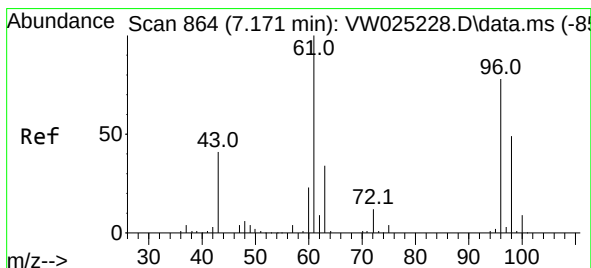
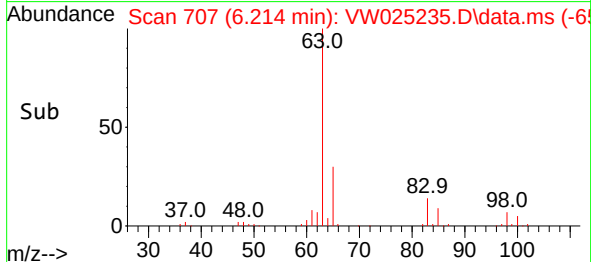
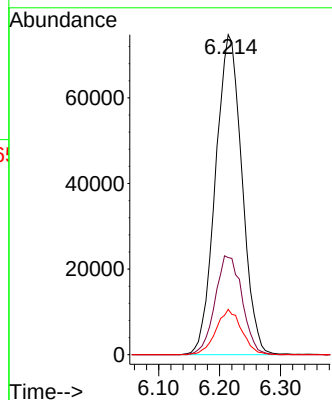
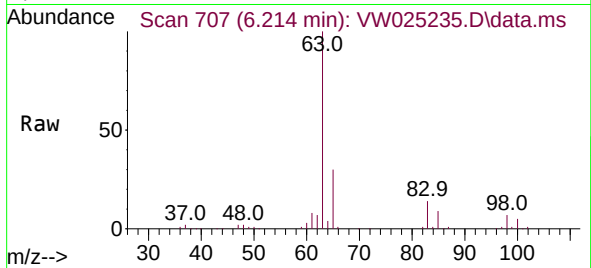




#19
 1,1-Dichloroethane
 Concen: 20.851 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW025235.D
 Acq: 26 Jan 2023 09:13

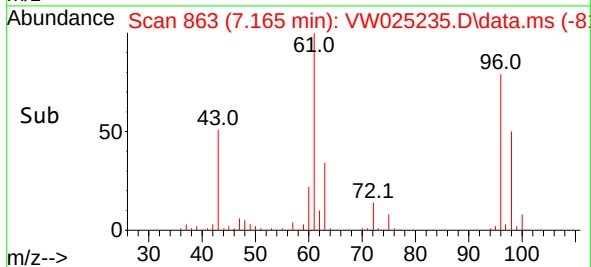
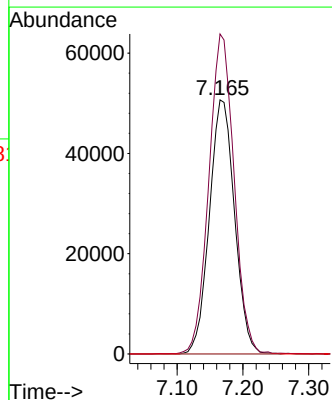
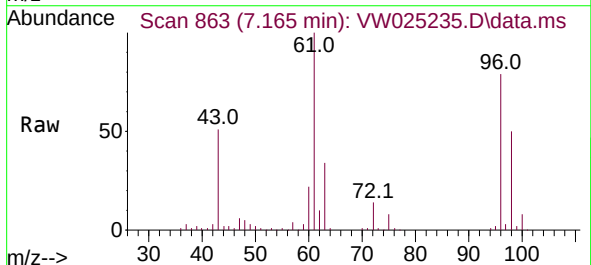
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

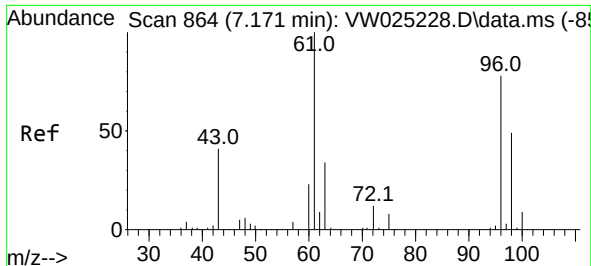
Tgt Ion: 63 Resp: 225745
 Ion Ratio Lower Upper
 63 100
 65 30.4 21.7 40.3
 83 14.2 8.8 16.4



#20
 cis-1,2-Dichloroethene
 Concen: 21.134 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW025235.D
 Acq: 26 Jan 2023 09:13

Tgt Ion: 96 Resp: 135186
 Ion Ratio Lower Upper
 96 100
 61 125.9 86.0 159.8
 68 0.0 0.0 0.0

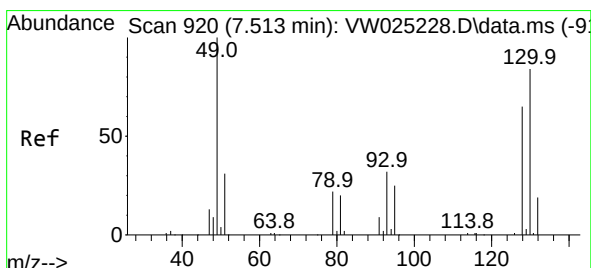
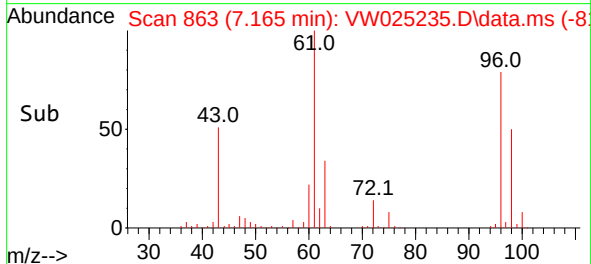
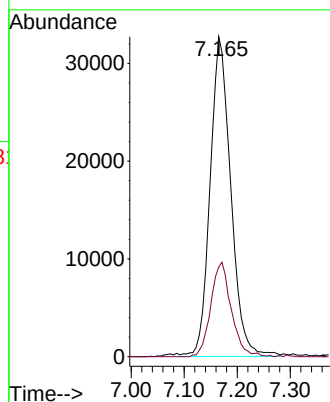
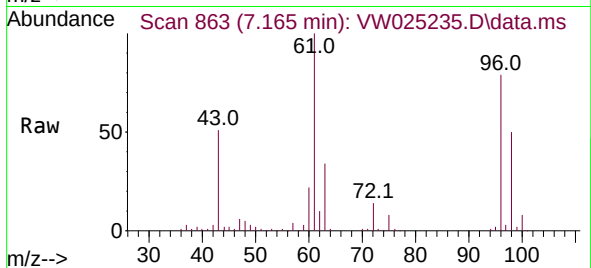




#22
2-Butanone
Concen: 49.983 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

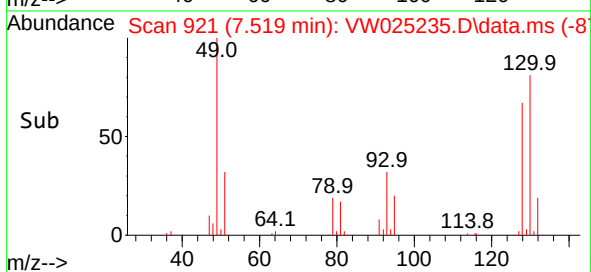
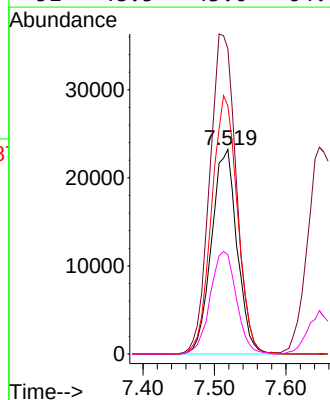
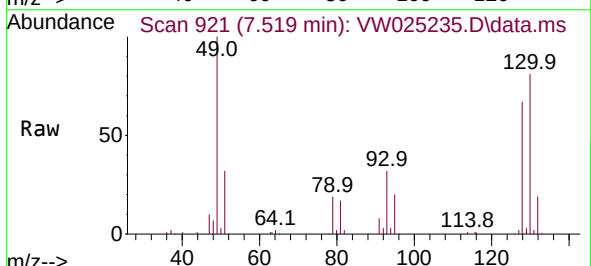
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

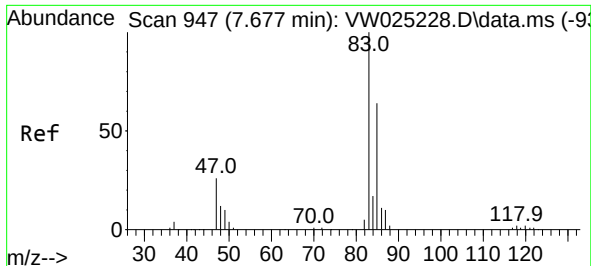
Tgt Ion: 43 Resp: 88575
Ion Ratio Lower Upper
43 100
72 28.8 14.7 44.1



#23
Bromochloromethane
Concen: 21.588 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion: 128 Resp: 57641
Ion Ratio Lower Upper
128 100
49 149.3 122.1 226.7
130 121.3 94.0 174.6
51 48.5 43.0 64.6

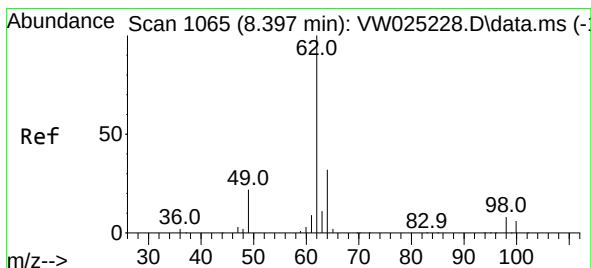
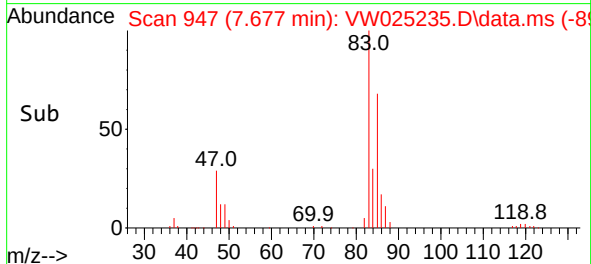
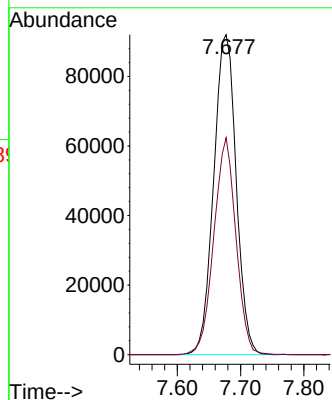
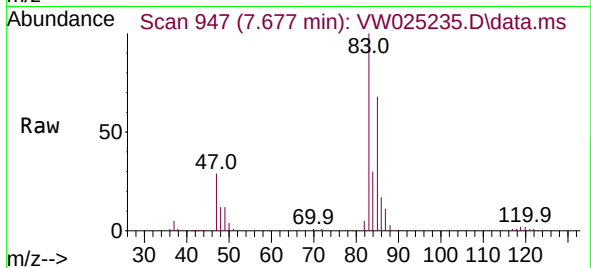




#25
Chloroform
Concen: 21.362 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

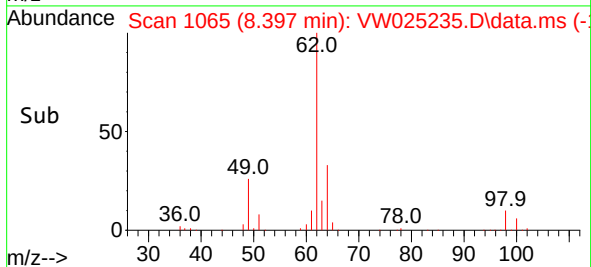
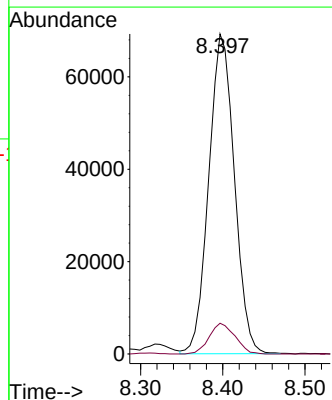
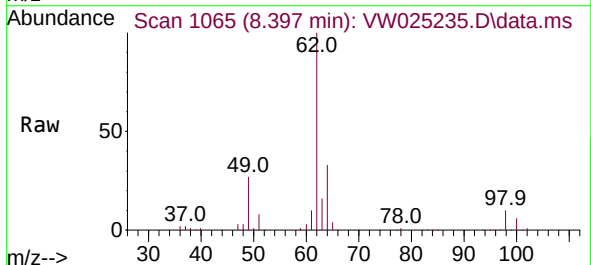
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

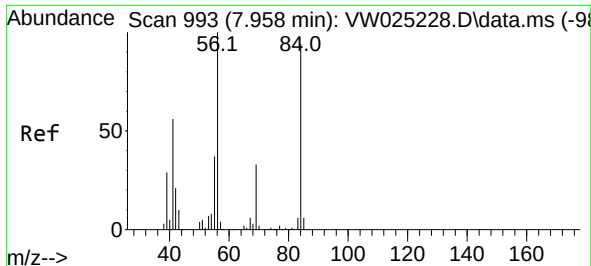
Tgt Ion: 83 Resp: 227394
Ion Ratio Lower Upper
83 100
85 67.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 22.763 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion: 62 Resp: 149967
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3





#29

Cyclohexane

Concen: 20.175 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

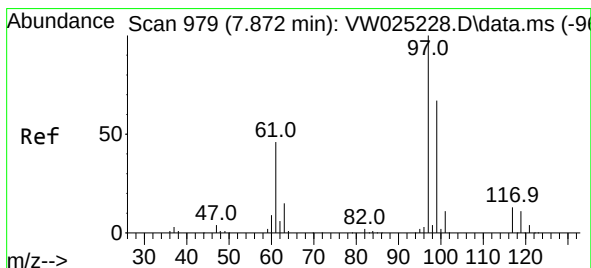
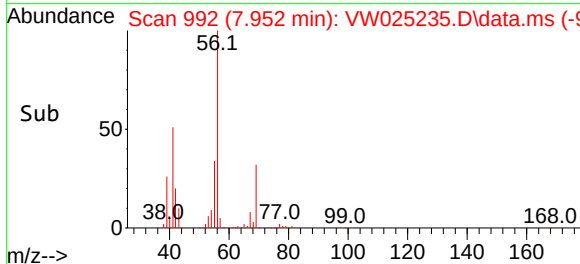
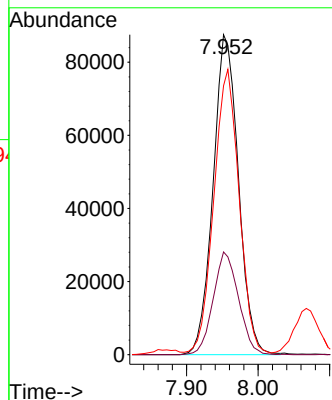
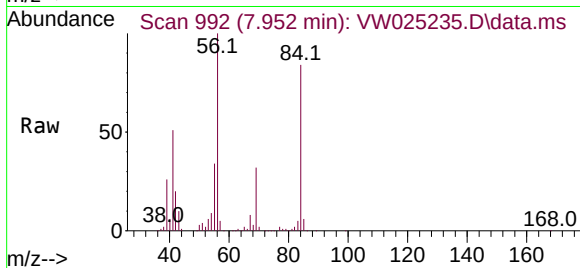
Tgt Ion: 56 Resp: 215459

Ion Ratio Lower Upper

56 100

69 32.0 25.1 37.7

84 89.4 71.0 106.4



#30

1,1,1-Trichloroethane

Concen: 22.626 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

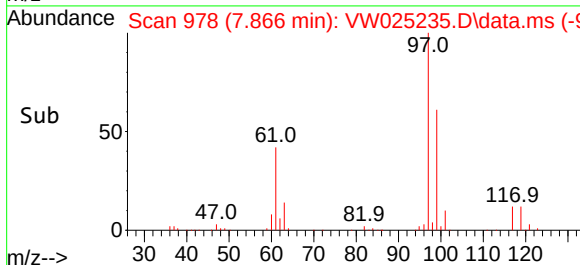
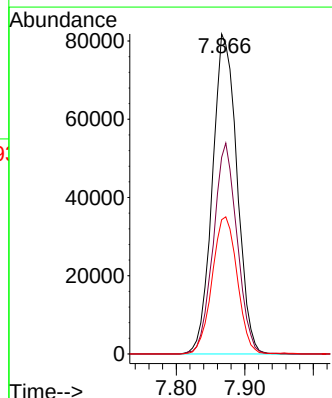
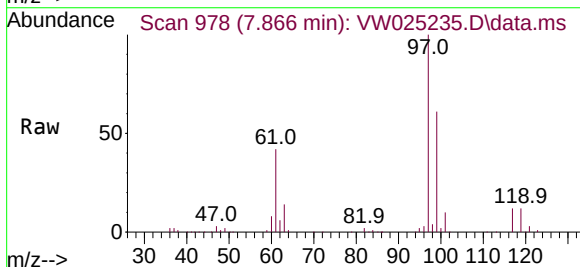
Tgt Ion: 97 Resp: 203598

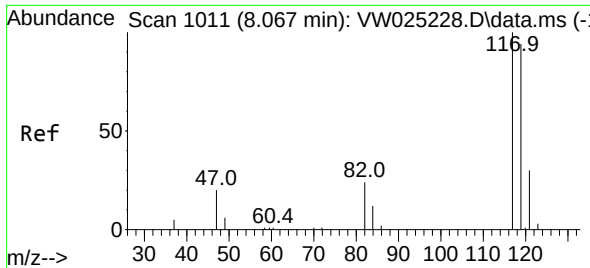
Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 43.8 35.6 53.4

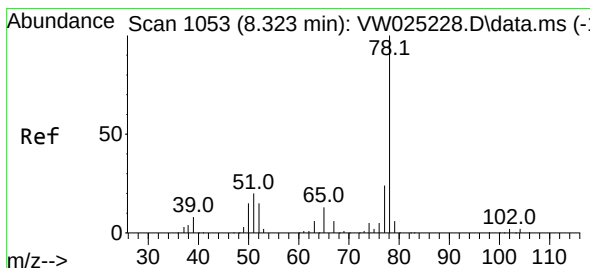
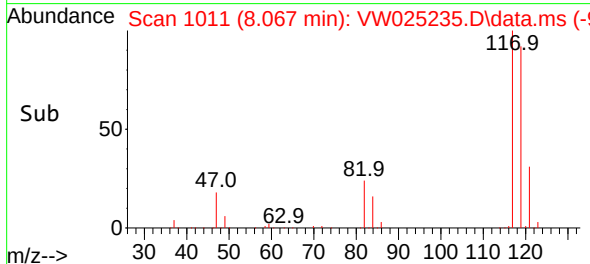
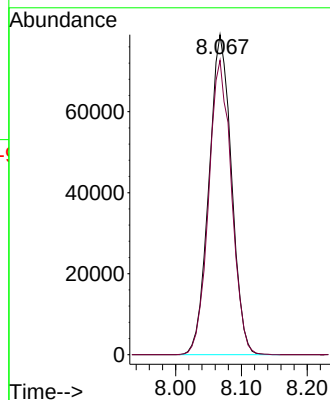
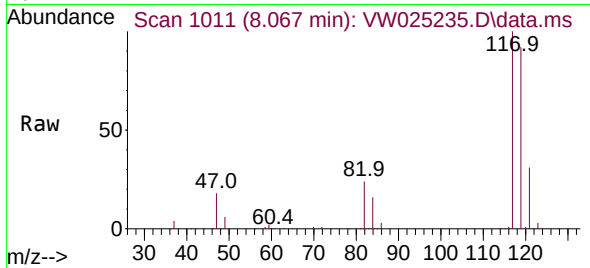




#31
Carbon tetrachloride
Concen: 23.035 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

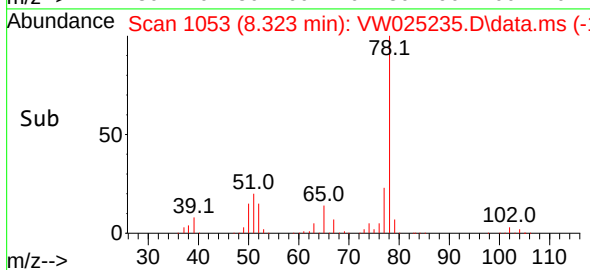
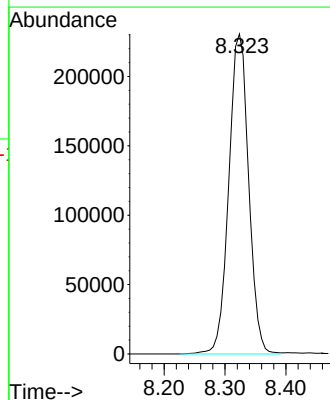
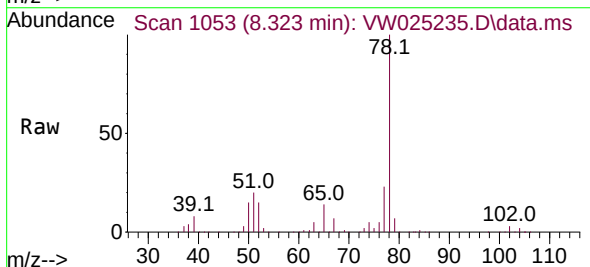
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

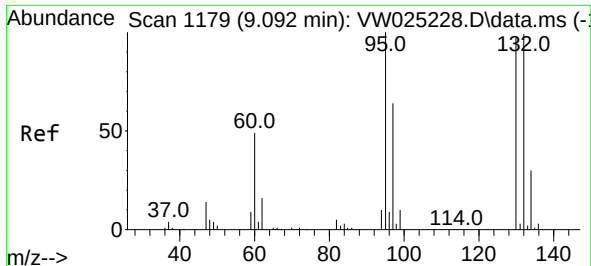
Tgt Ion:117 Resp: 188768
Ion Ratio Lower Upper
117 100
119 92.7 76.3 114.5



#33
Benzene
Concen: 21.302 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion: 78 Resp: 521733



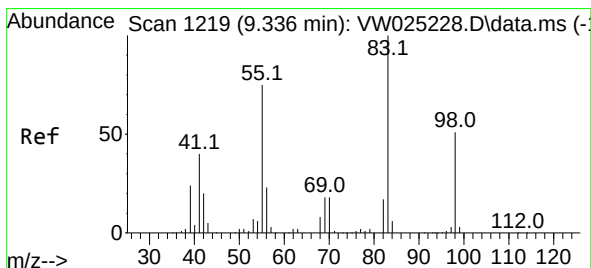
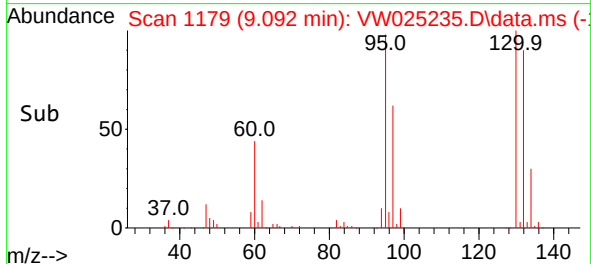
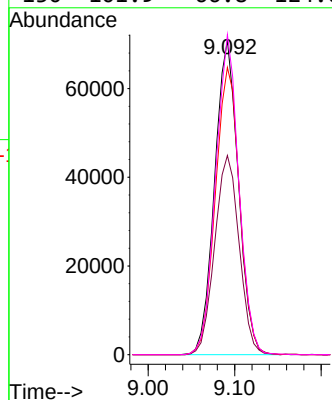
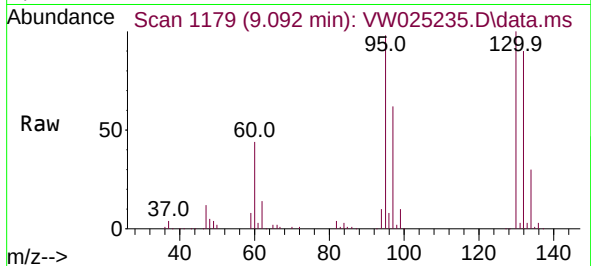


#34
Trichloroethene
Concen: 21.128 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Tgt Ion: 95 Resp: 134955

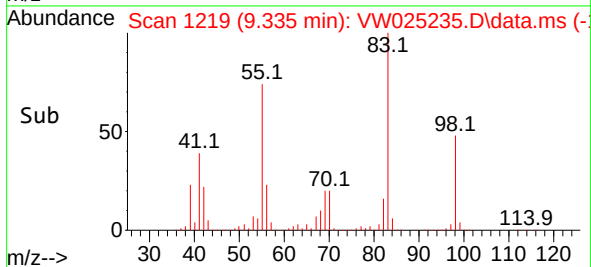
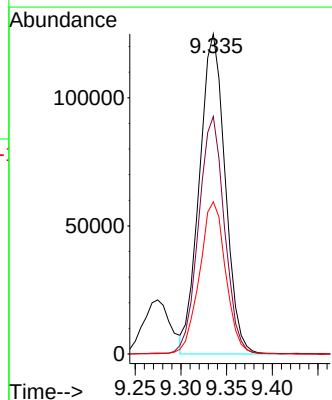
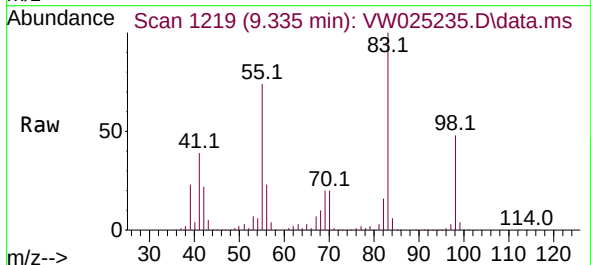
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.4	82.4
132	91.5	64.5	119.7
130	101.9	66.8	124.0

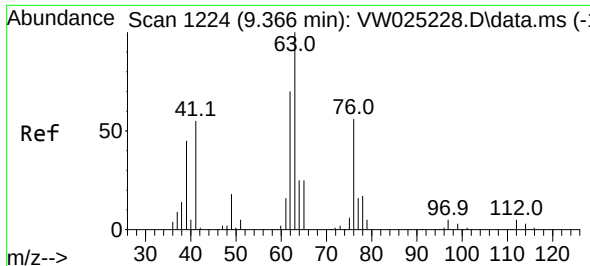


#35
Methylcyclohexane
Concen: 21.089 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion: 83 Resp: 244435

Ion	Ratio	Lower	Upper
83	100		
55	74.5	61.0	91.4
98	48.3	38.6	58.0





#37

1,2-Dichloropropane

Concen: 20.314 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

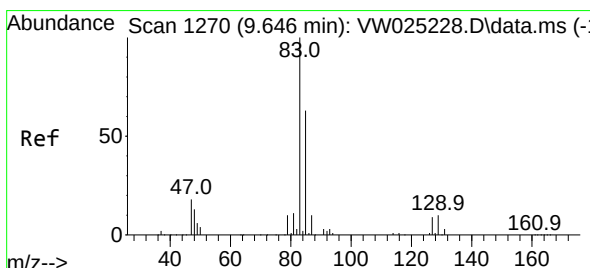
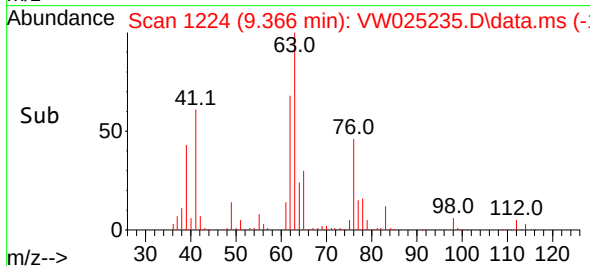
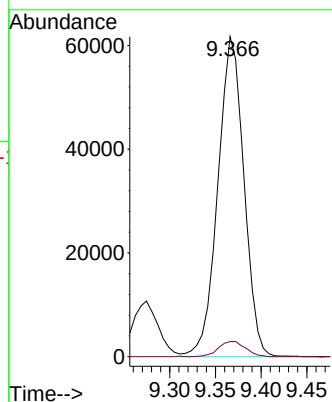
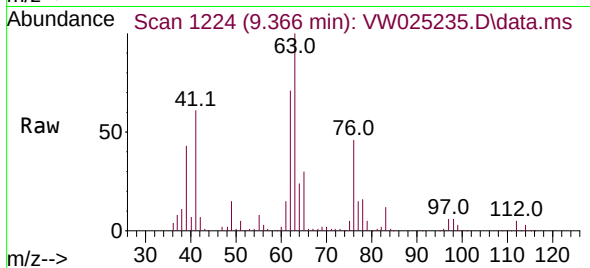
VSTD025524

Tgt Ion: 63 Resp: 122344

Ion Ratio Lower Upper

63 100

112 5.0 3.7 5.5



#38

Bromodichloromethane

Concen: 22.255 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

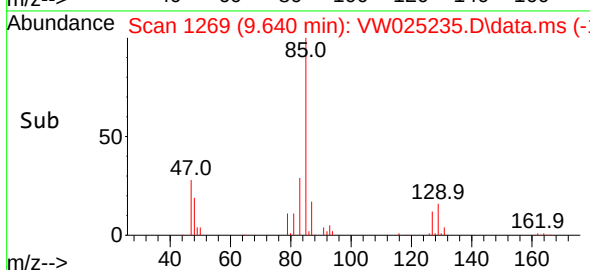
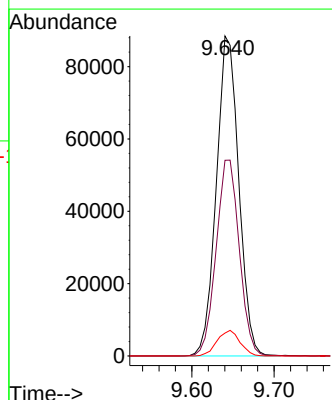
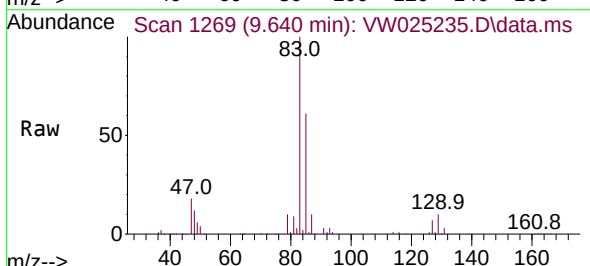
Tgt Ion: 83 Resp: 167554

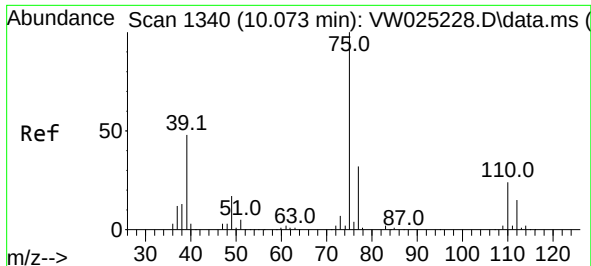
Ion Ratio Lower Upper

83 100

85 61.2 43.4 80.6

127 7.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 21.562 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

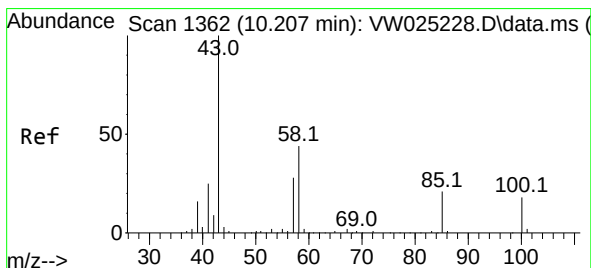
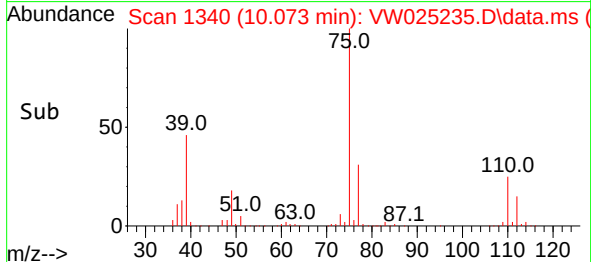
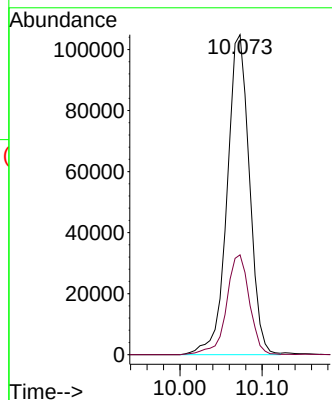
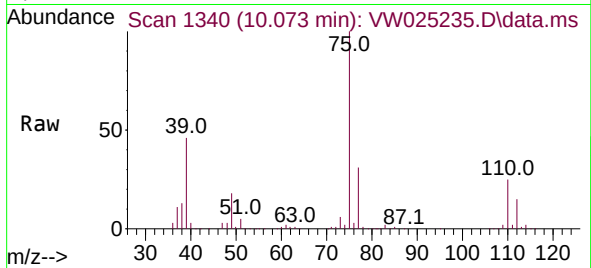
VSTD025524

Tgt Ion: 75 Resp: 198094

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 44.522 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

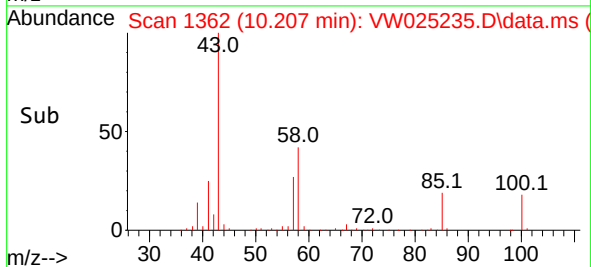
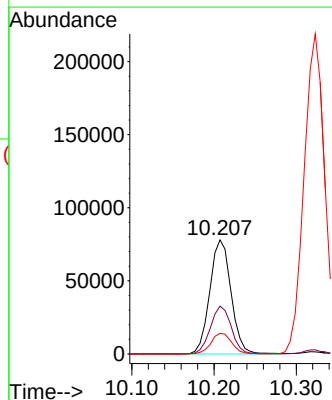
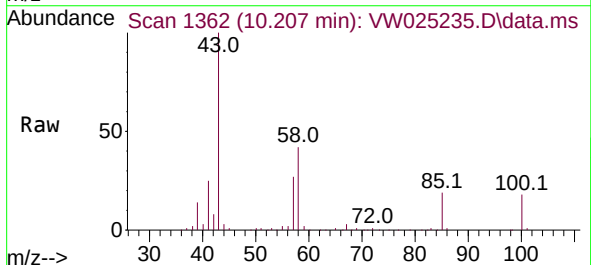
Tgt Ion: 43 Resp: 139940

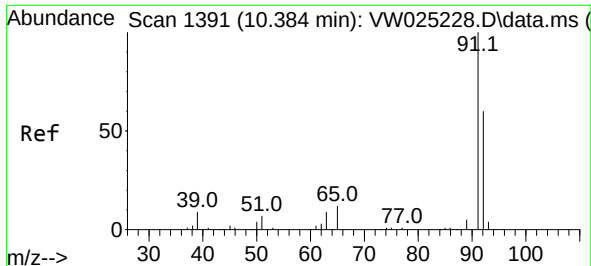
Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.6

100 17.8 13.4 20.2





#42

Toluene

Concen: 21.226 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

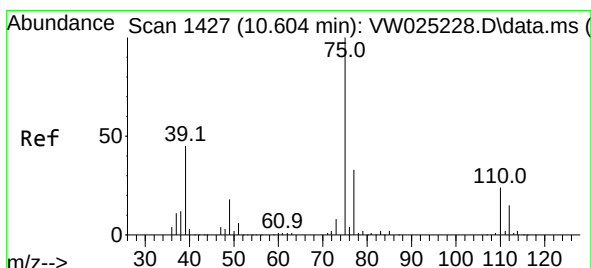
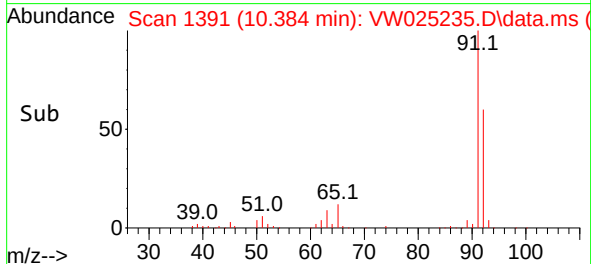
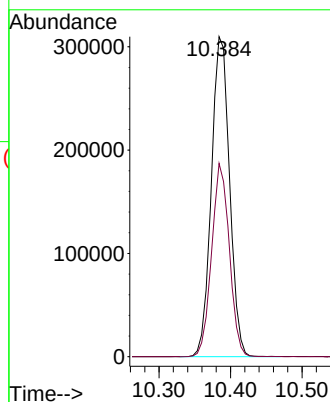
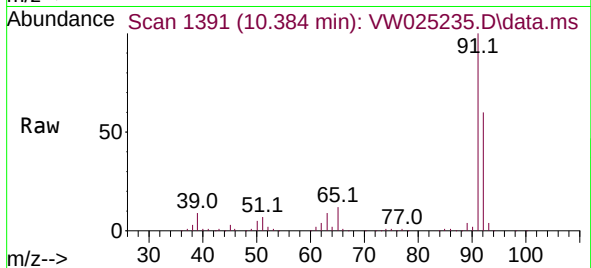
VSTD025524

Tgt Ion: 91 Resp: 546814

Ion Ratio Lower Upper

91 100

92 60.4 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 21.803 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025235.D

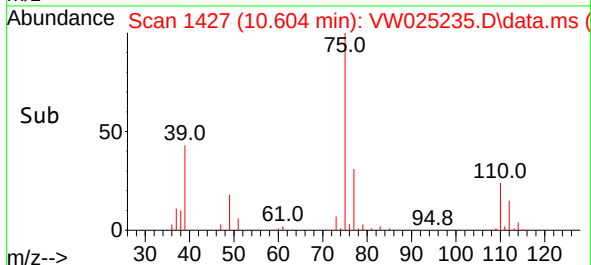
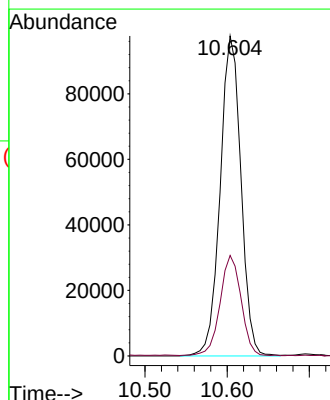
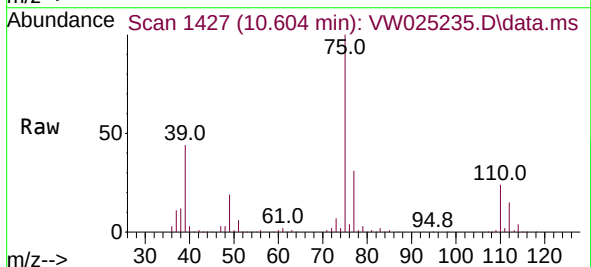
Acq: 26 Jan 2023 09:13

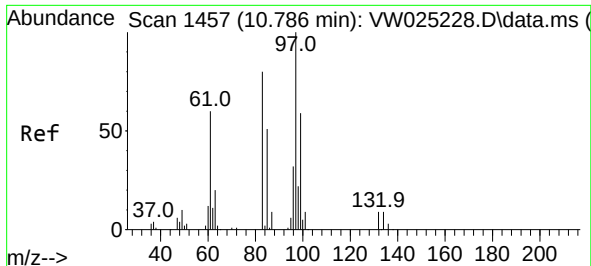
Tgt Ion: 75 Resp: 171357

Ion Ratio Lower Upper

75 100

77 31.4 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 21.975 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

Tgt Ion: 97 Resp: 91805

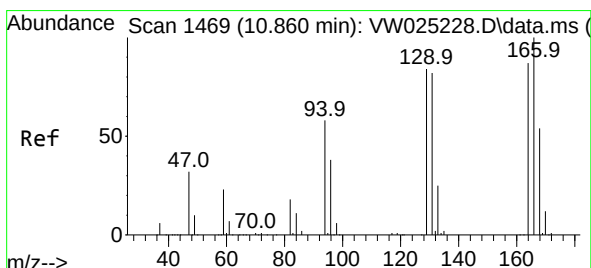
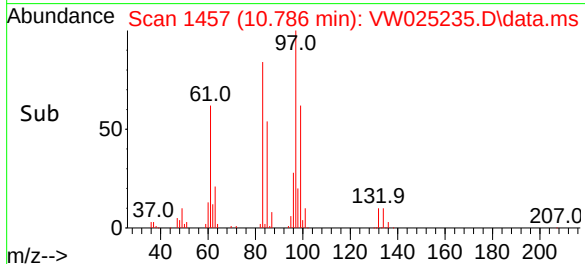
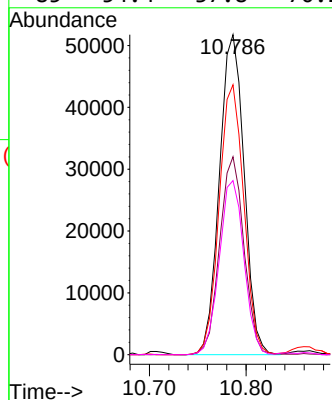
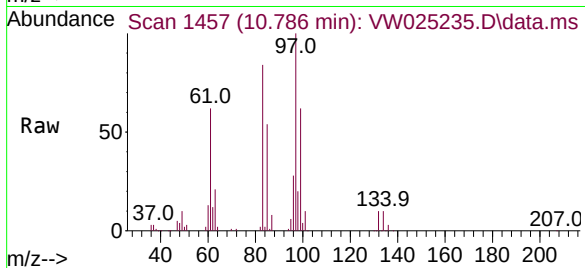
Ion Ratio Lower Upper

97 100

99 61.9 41.1 76.3

83 84.3 58.6 108.8

85 54.4 37.8 70.2



#46

Tetrachloroethene

Concen: 21.091 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Tgt Ion:164 Resp: 98979

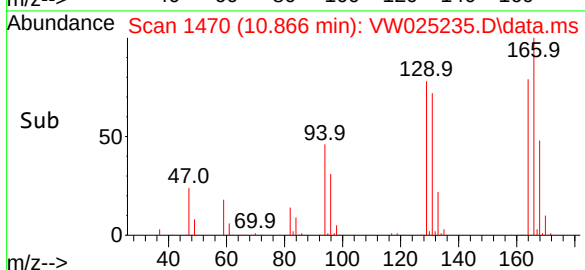
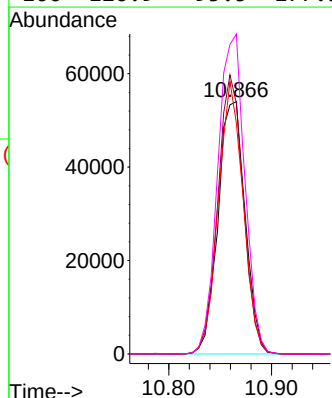
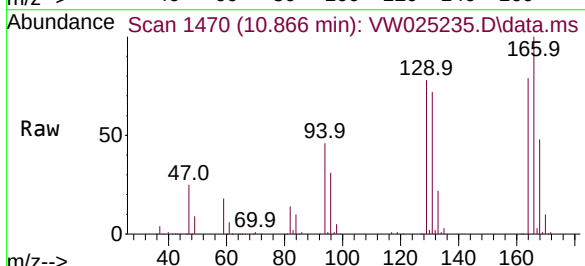
Ion Ratio Lower Upper

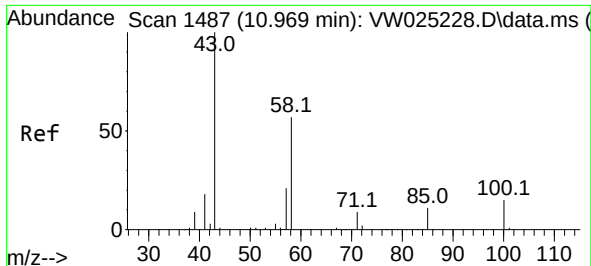
164 100

129 99.4 72.8 135.2

131 91.5 72.2 134.2

166 126.9 95.5 177.3

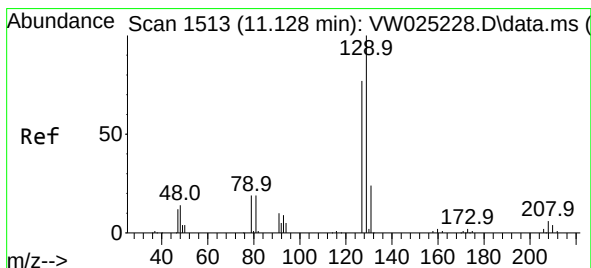
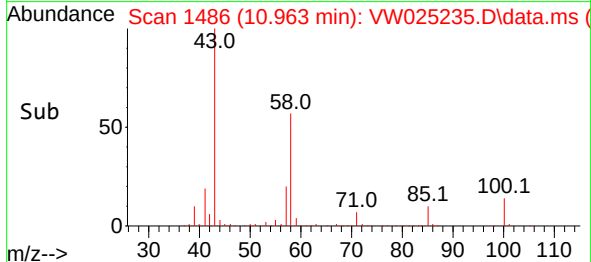
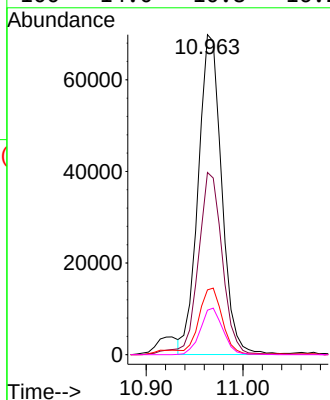
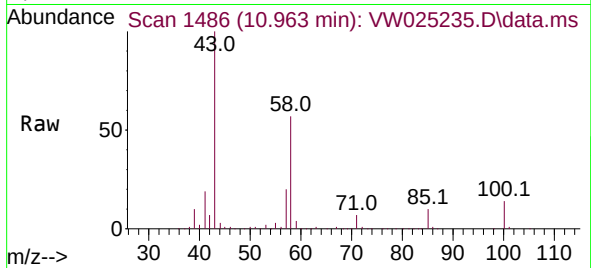




#48
2-Hexanone
Concen: 49.022 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

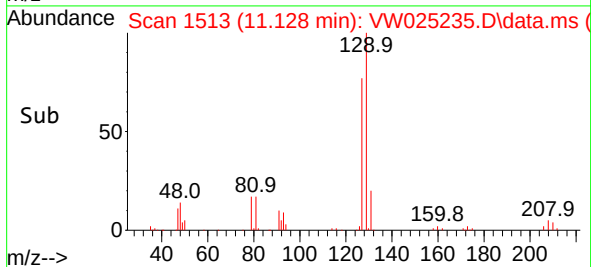
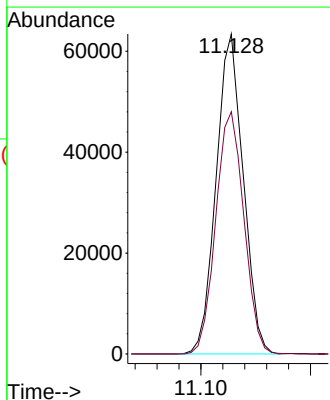
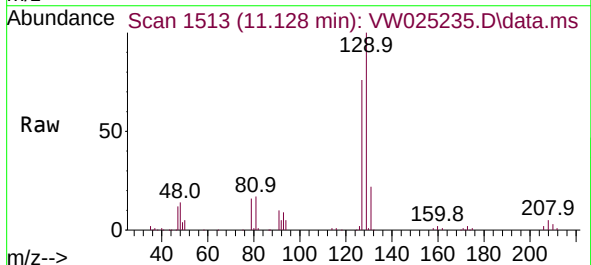
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

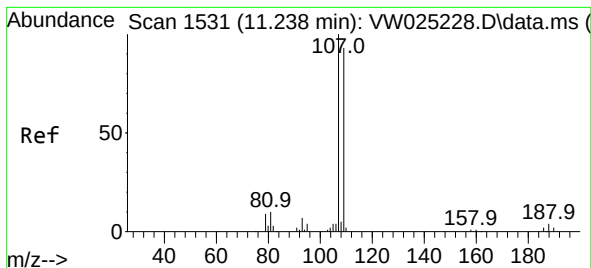
Tgt Ion: 43 Resp: 118171
Ion Ratio Lower Upper
43 100
58 58.4 45.8 68.6
57 20.5 16.2 24.4
100 14.0 10.8 16.2



#49
Dibromochloromethane
Concen: 22.374 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion: 129 Resp: 109084
Ion Ratio Lower Upper
129 100
127 75.7 50.4 93.6





#50

1,2-Dibromoethane

Concen: 22.207 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

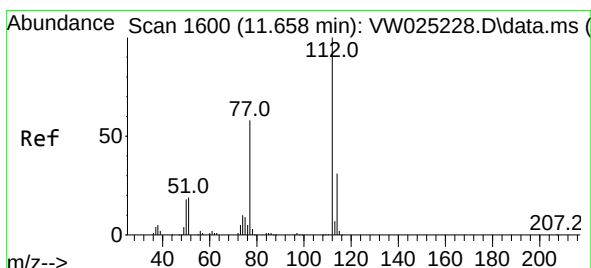
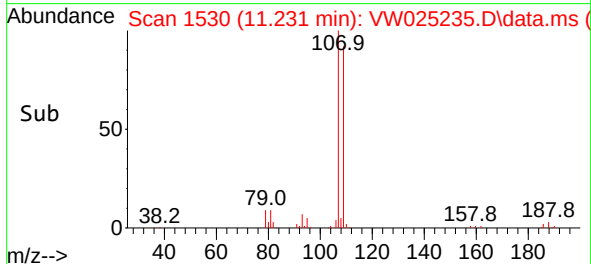
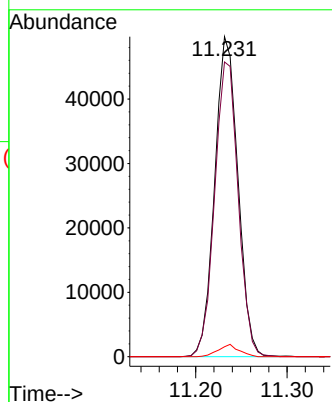
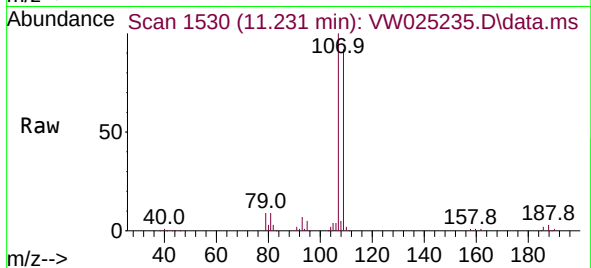
Tgt Ion:107 Resp: 87763

Ion Ratio Lower Upper

107 100

109 92.1 68.2 126.6

188 3.1 3.1 4.7#



#51

Chlorobenzene

Concen: 21.540 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

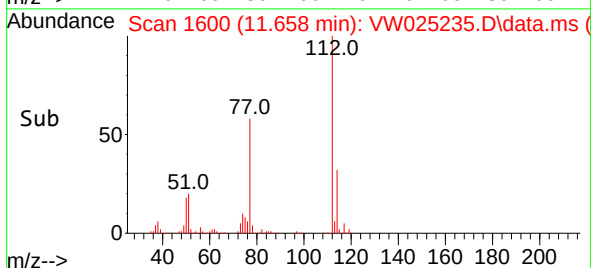
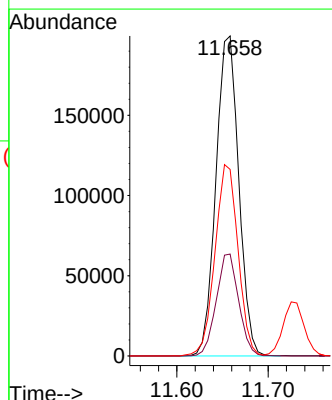
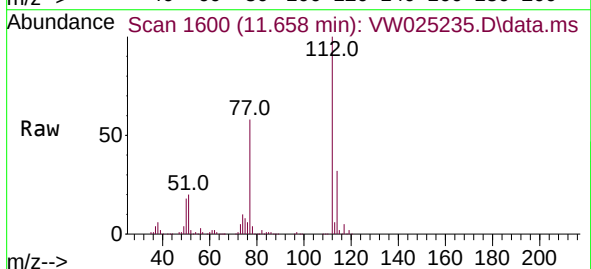
Tgt Ion:112 Resp: 346580

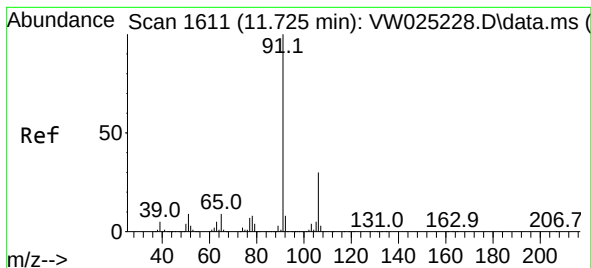
Ion Ratio Lower Upper

112 100

114 31.8 21.1 39.1

77 58.3 46.6 69.8

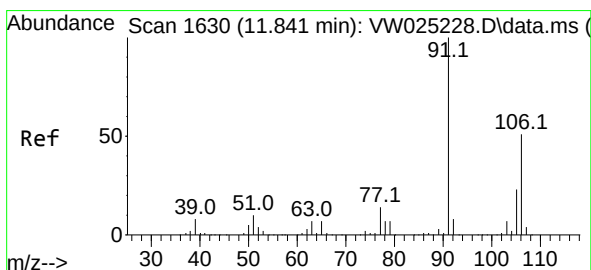
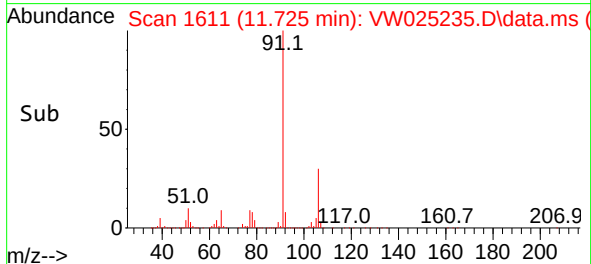
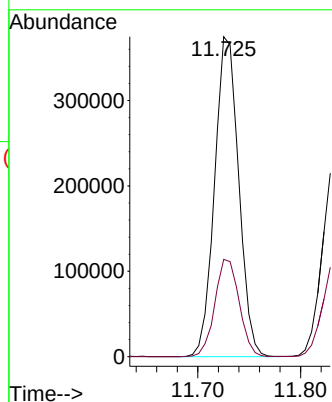
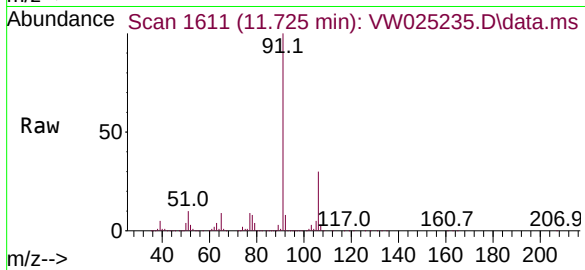




#52
Ethylbenzene
Concen: 21.251 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

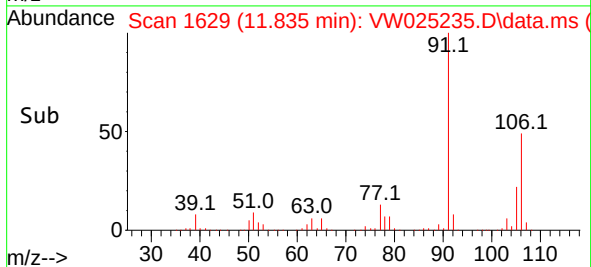
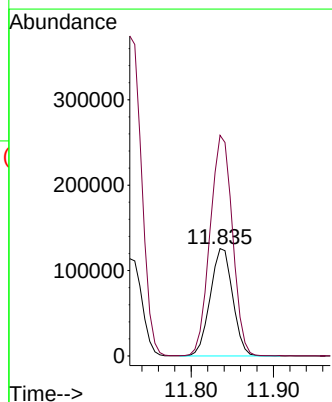
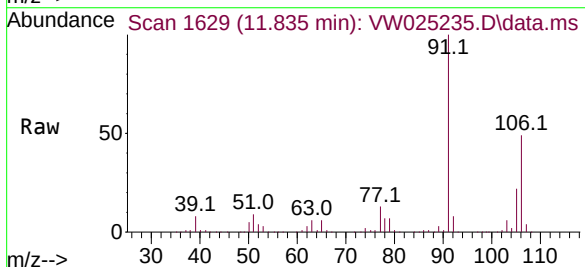
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

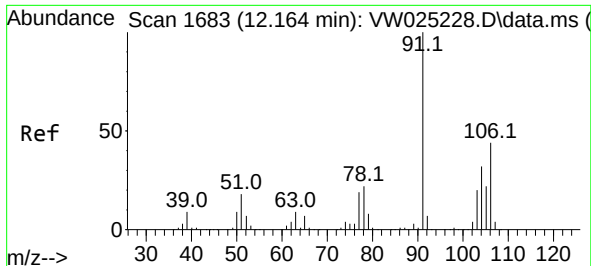
Tgt Ion: 91 Resp: 610080
Ion Ratio Lower Upper
91 100
106 30.4 22.1 41.1



#53
m,p-Xylene
Concen: 21.511 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion:106 Resp: 238661
Ion Ratio Lower Upper
106 100
91 205.4 138.5 257.3

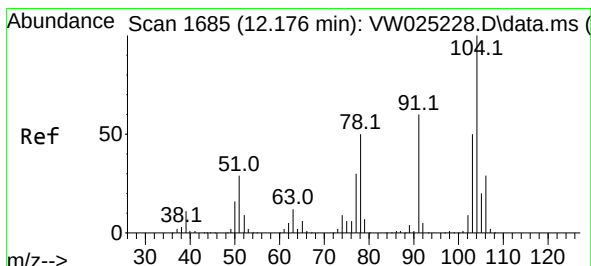
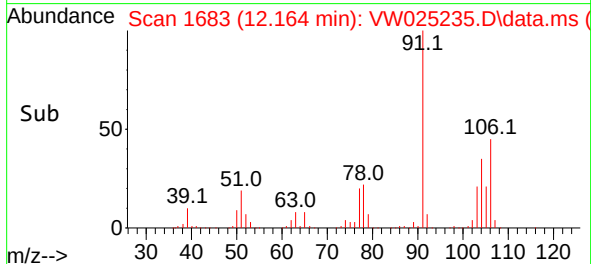
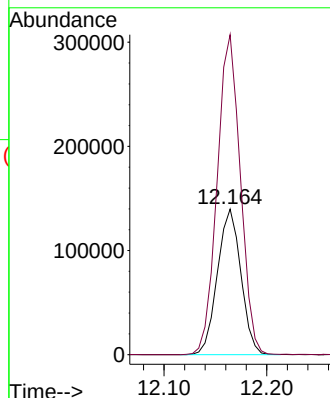
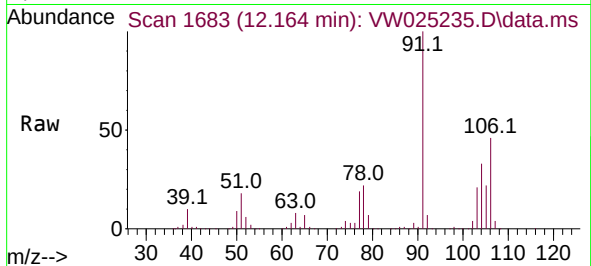




#54
o-Xylene
Concen: 21.670 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

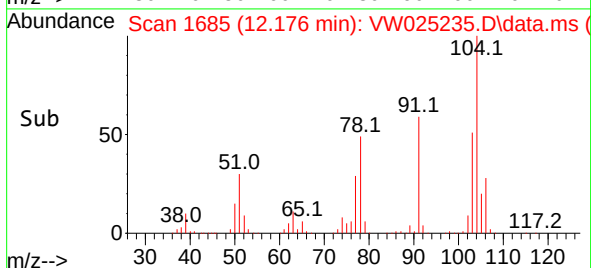
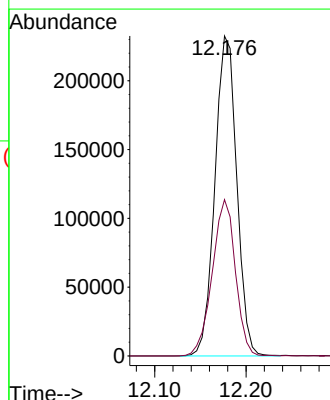
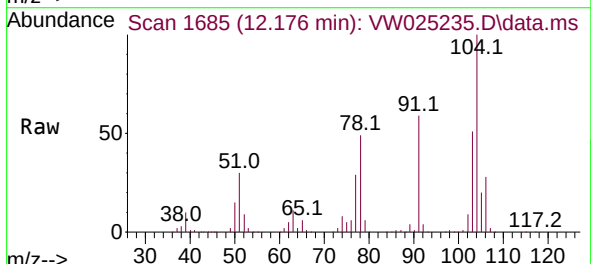
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

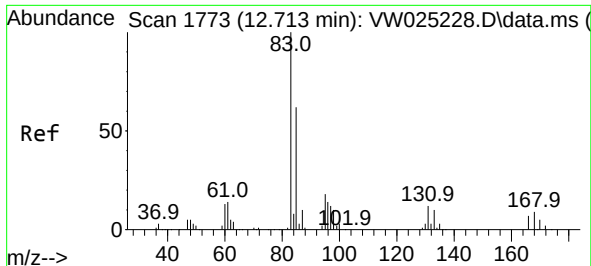
Tgt Ion:106 Resp: 221278
Ion Ratio Lower Upper
106 100
91 219.7 155.3 288.5



#55
Styrene
Concen: 22.289 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion:104 Resp: 386780
Ion Ratio Lower Upper
104 100
78 48.9 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.147 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

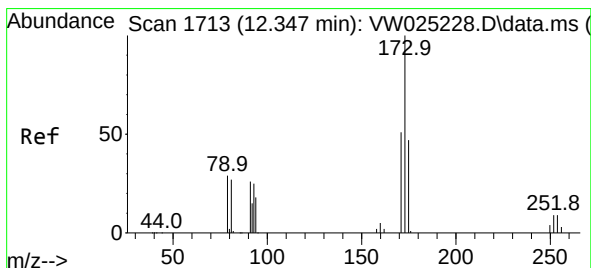
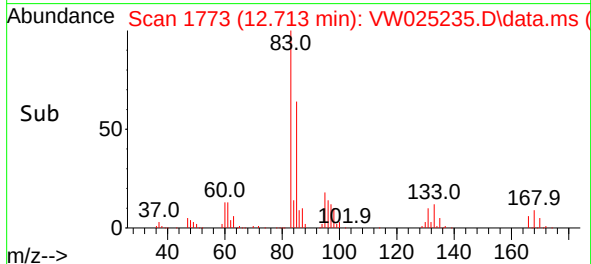
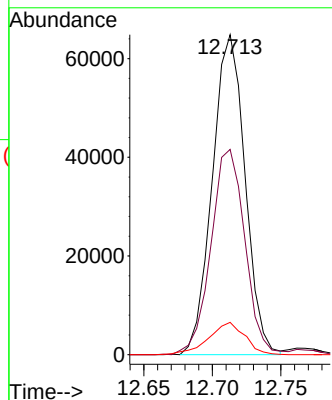
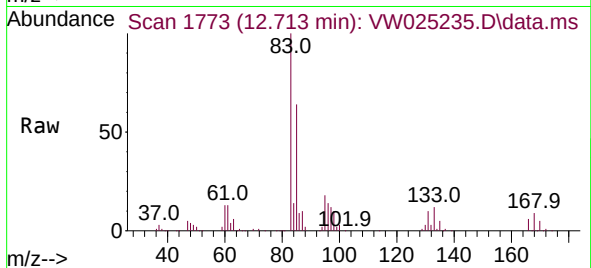
Tgt Ion: 83 Resp: 107831

Ion Ratio Lower Upper

83 100

85 64.2 44.8 83.2

131 10.1 7.4 11.0



#59

Bromoform

Concen: 21.339 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

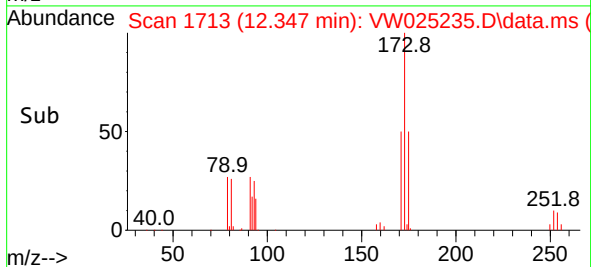
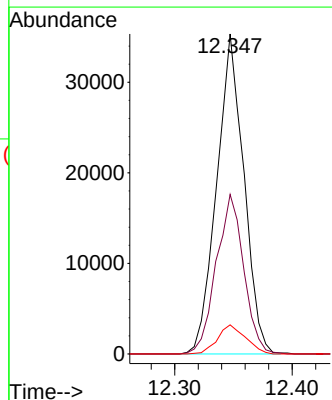
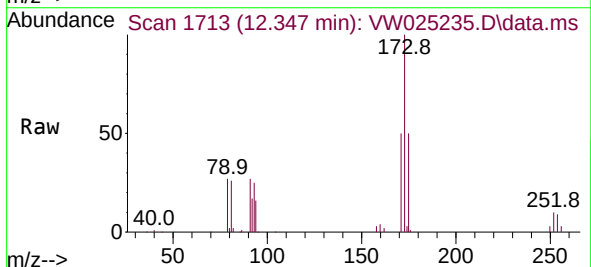
Tgt Ion:173 Resp: 56728

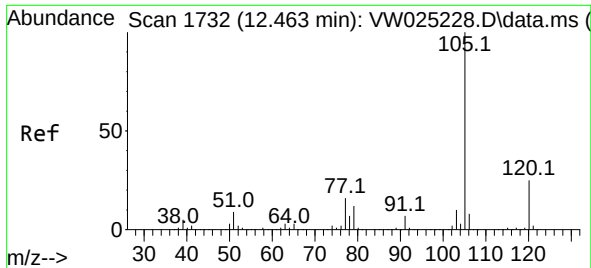
Ion Ratio Lower Upper

173 100

175 50.4 40.7 61.1

254 9.4 6.7 10.1

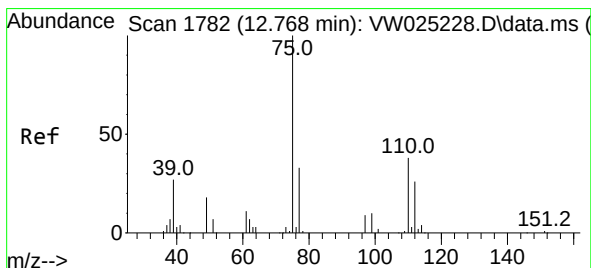
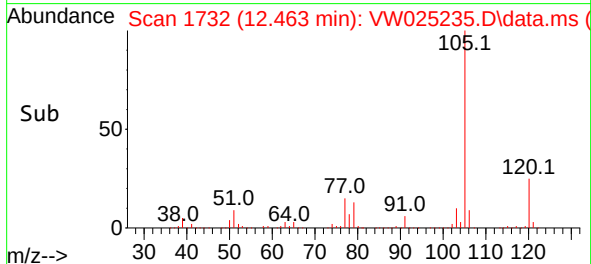
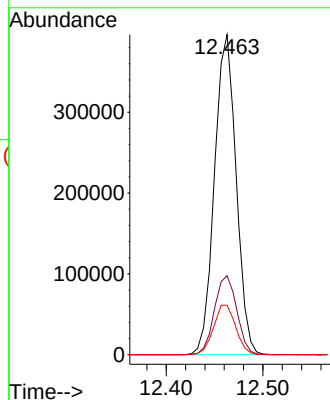
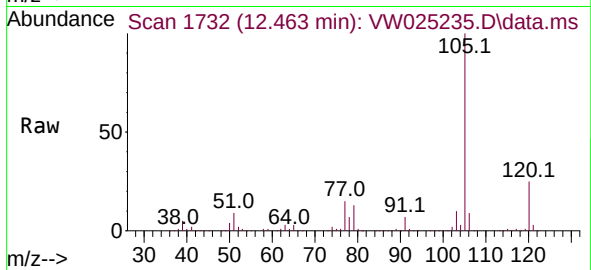




#60
Isopropylbenzene
Concen: 20.283 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

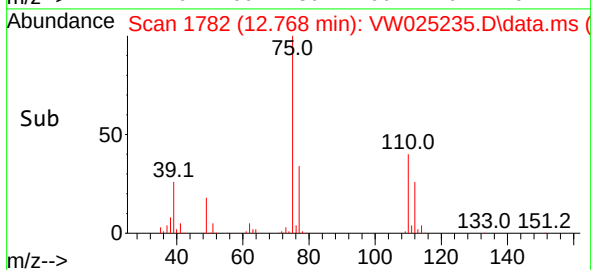
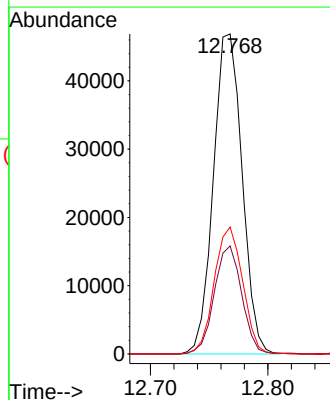
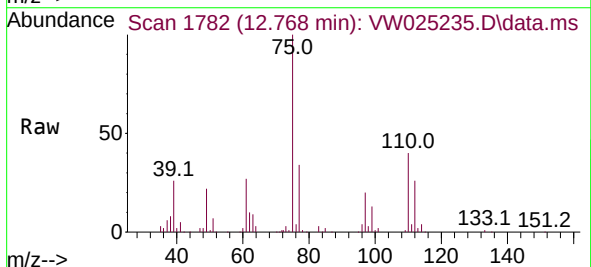
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

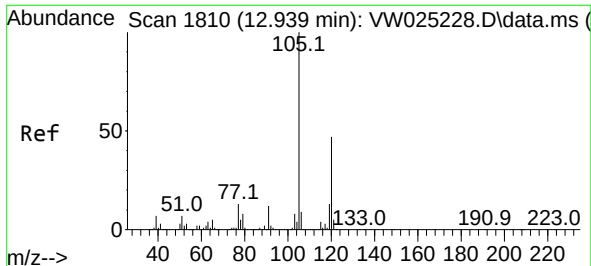
Tgt Ion:105 Resp: 615954
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 16.0 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 21.220 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion: 75 Resp: 79784
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 39.2 31.2 46.8

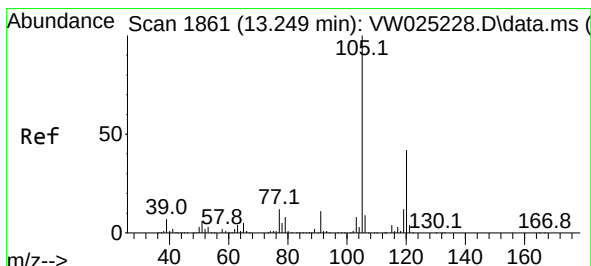
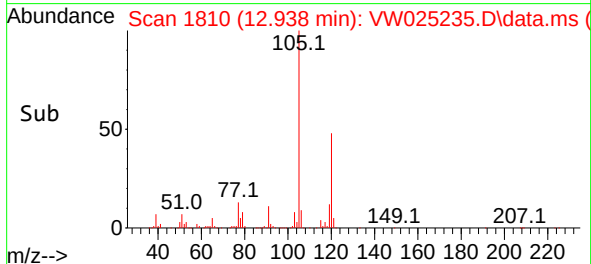
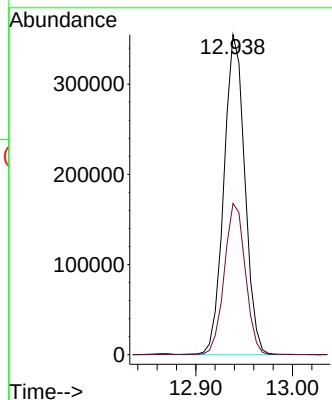
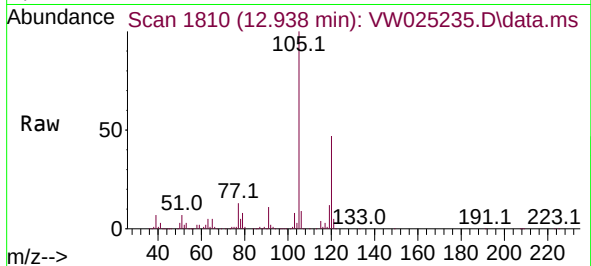




#62
1,3,5-Trimethylbenzene
Concen: 20.702 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

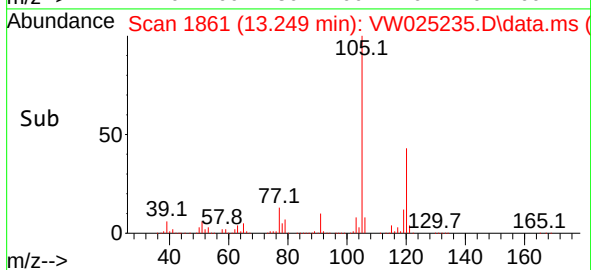
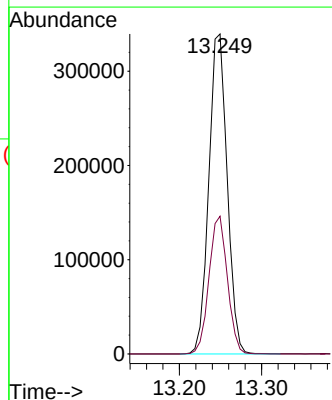
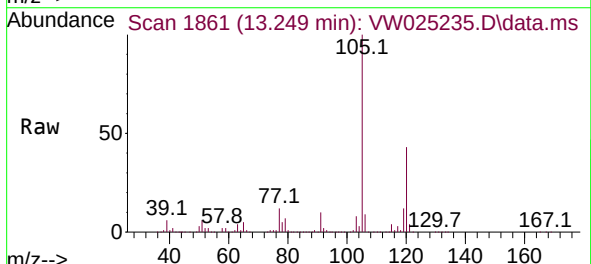
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

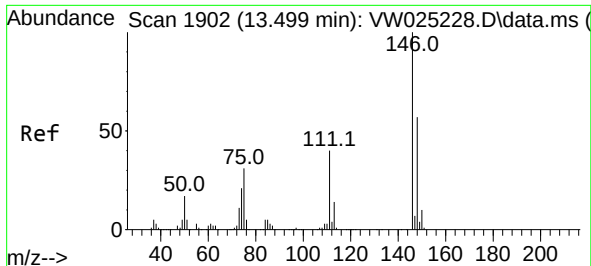
Tgt Ion:105 Resp: 533032
Ion Ratio Lower Upper
105 100
120 47.4 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 20.716 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion:105 Resp: 526145
Ion Ratio Lower Upper
105 100
120 43.2 35.1 52.7

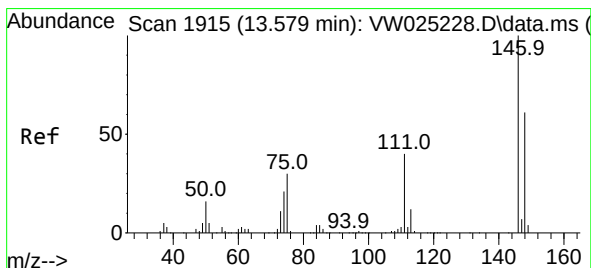
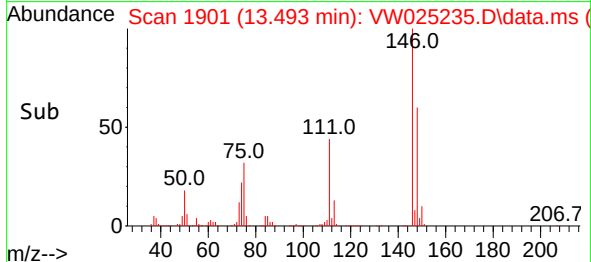
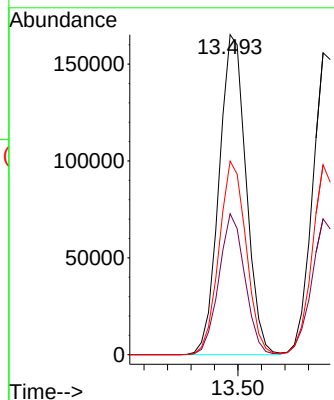
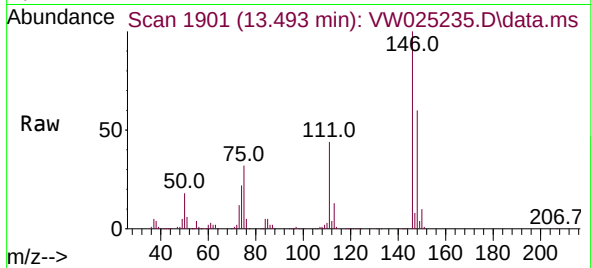




#64
1,3-Dichlorobenzene
Concen: 21.269 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

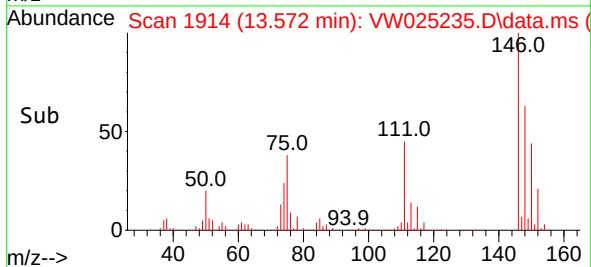
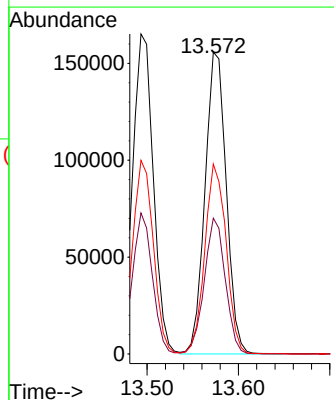
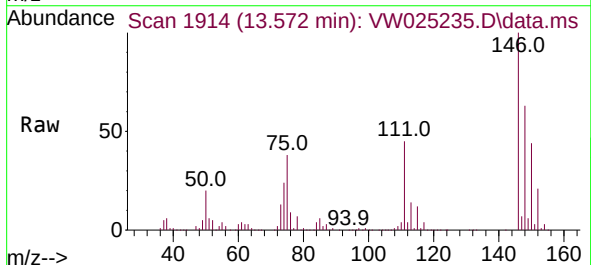
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

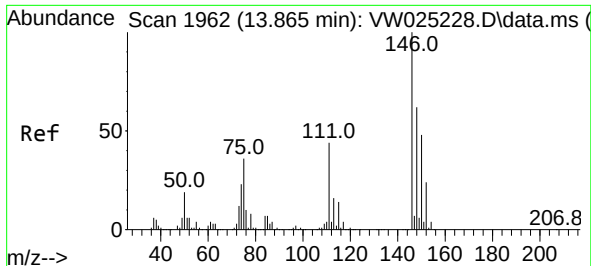
Tgt Ion:146 Resp: 264008
Ion Ratio Lower Upper
146 100
111 44.1 28.3 52.7
148 60.5 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 20.446 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025235.D
Acq: 26 Jan 2023 09:13

Tgt Ion:146 Resp: 251508
Ion Ratio Lower Upper
146 100
111 45.0 27.4 51.0
148 62.9 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 21.070 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

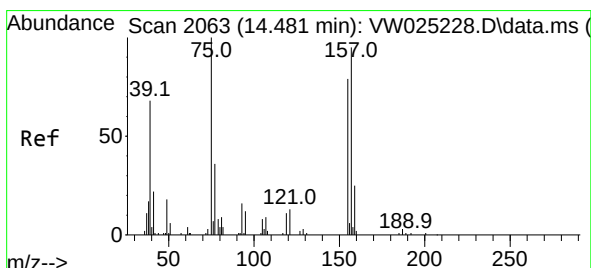
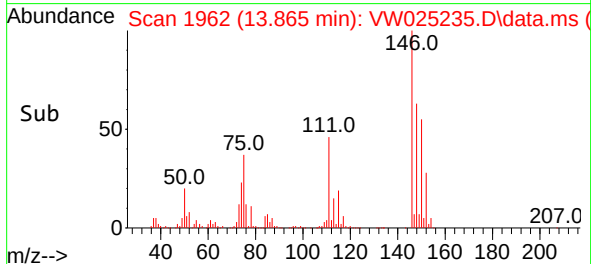
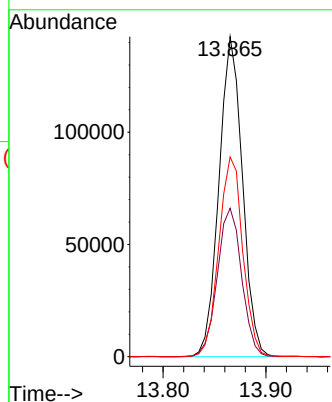
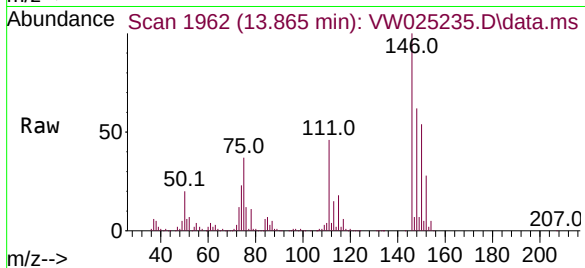
Tgt Ion:146 Resp: 225719

Ion Ratio Lower Upper

146 100

111 46.4 36.1 54.1

148 62.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.028 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

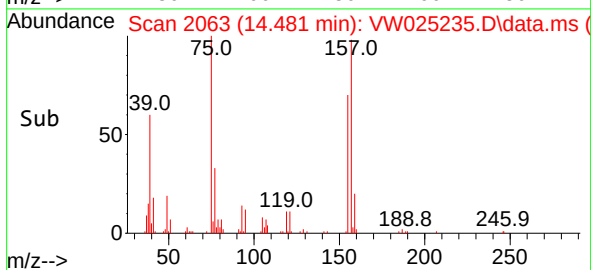
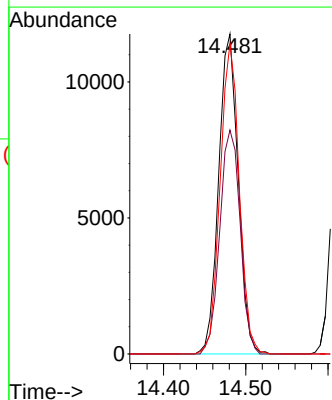
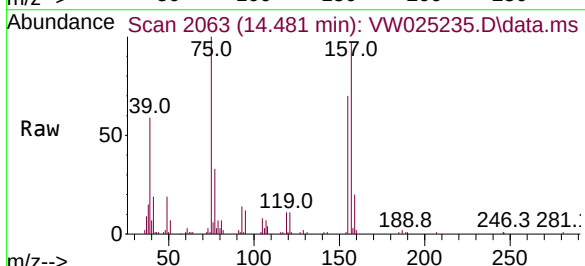
Tgt Ion: 75 Resp: 19393

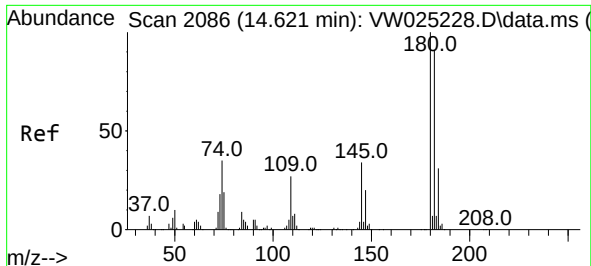
Ion Ratio Lower Upper

75 100

155 69.9 62.3 93.5

157 97.0 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 20.671 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

Tgt Ion:180 Resp: 182804

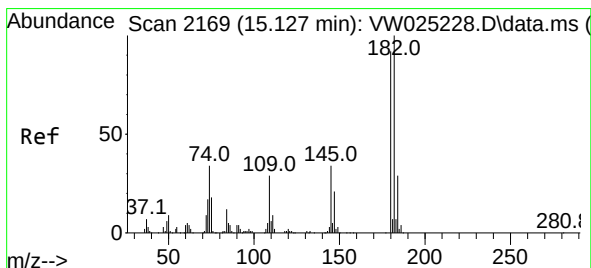
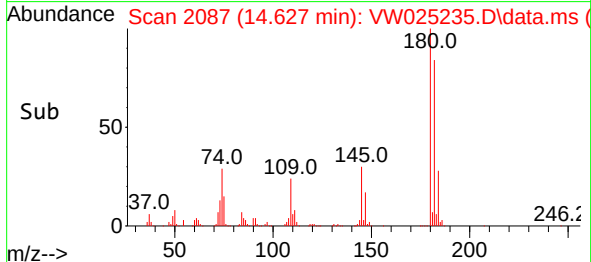
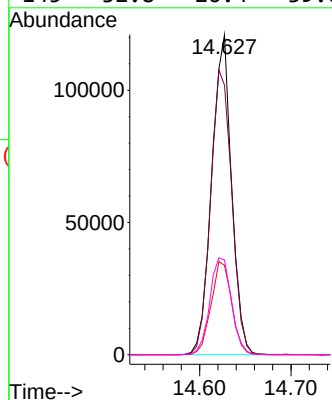
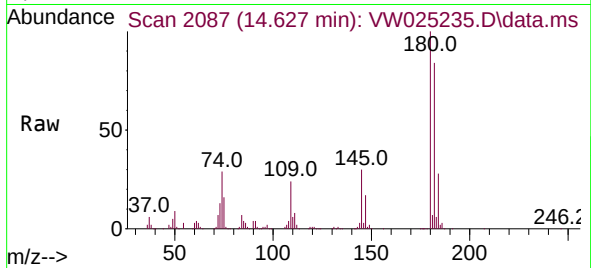
Ion Ratio Lower Upper

180 100

182 94.5 75.1 112.7

184 30.2 23.3 34.9

145 32.8 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 19.933 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

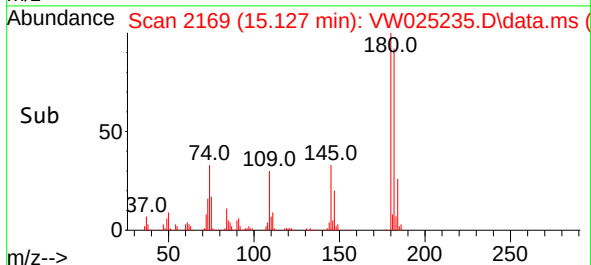
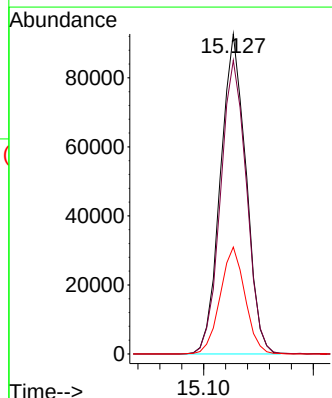
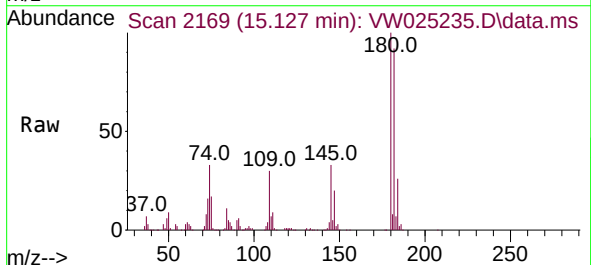
Tgt Ion:180 Resp: 149696

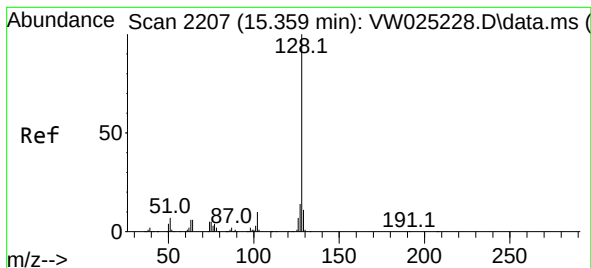
Ion Ratio Lower Upper

180 100

182 93.4 72.5 108.7

145 32.6 27.0 40.4





#71

Naphthalene

Concen: 19.994 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

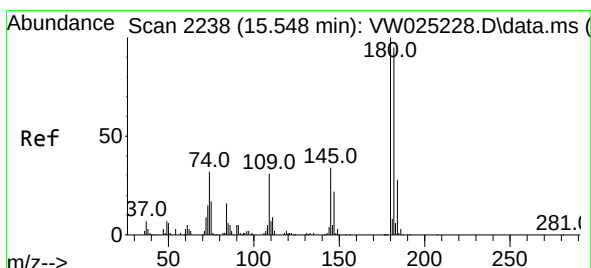
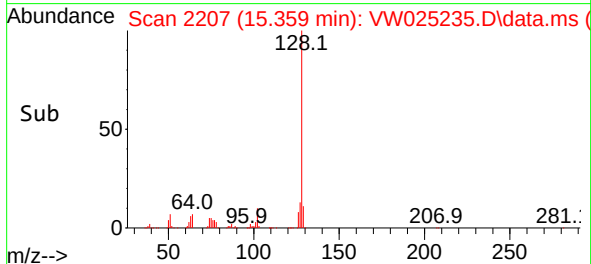
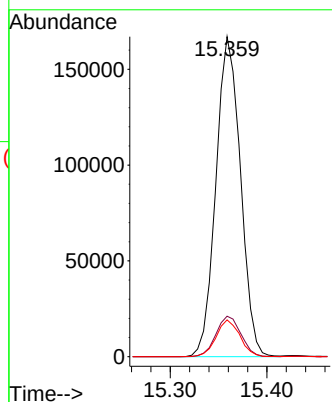
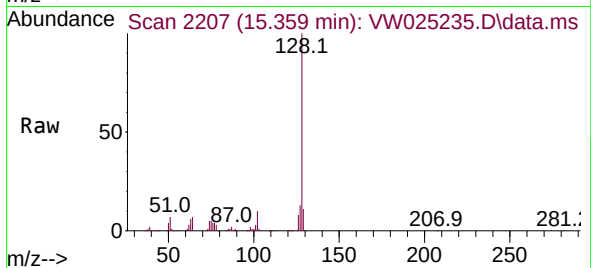
Tgt Ion:128 Resp: 294265

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.1 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 19.783 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025235.D

Acq: 26 Jan 2023 09:13

Tgt Ion:180 Resp: 127434

Ion Ratio Lower Upper

180 100

182 97.2 76.5 114.7

145 36.8 28.6 42.8

