

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072622\
 Data File : VW024086.D
 Acq On : 26 Jul 2022 07:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

Quant Time: Jul 26 23:36:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 01:30:33 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	239348	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	262505	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	161163	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.343	65	129251	25.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.760%		
7) Chloroethane-d5		2.873	69	87082	25.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.480%		
11) 1,1-Dichloroethene-d2		4.013	63	113505	25.126	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.520%		
21) 2-Butanone-d5		7.074	46	40020	43.891	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.780%		
24) Chloroform-d		7.641	84	155058	23.565	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 94.240%		
26) 1,2-Dichloroethane-d4		8.299	65	88076	23.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 93.200%		
32) Benzene-d6		8.268	84	286234	23.473	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 93.880%		
36) 1,2-Dichloropropane-d6		9.268	67	86392	22.461	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 89.840%		
41) Toluene-d8		10.317	98	296771	24.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 97.360%		
43) trans-1,3-Dichloroprop...		10.573	79	40344	23.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 94.640%		
47) 2-Hexanone-d5		10.920	63	36916	45.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.820%		
56) 1,1,2,2-Tetrachloroeth...		12.688	84	103120	23.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 92.960%		
66) 1,2-Dichlorobenzene-d4		13.847	152	119117	22.822	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 91.280%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane		2.001	85	29049	16.433	ug/L	92
3) Chloromethane		2.215	50	106059	23.110	ug/L	100
5) Vinyl chloride		2.355	62	184371	25.775	ug/L	99
6) Bromomethane		2.769	94	115636	29.263	ug/L	93
8) Chloroethane		2.910	64	82156	26.109	ug/L	97
9) Trichlorofluoromethane		3.239	101	93710	28.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		4.050	101	80239	26.018	ug/L #	74
12) 1,1-Dichloroethene		4.025	96	66089	26.145	ug/L	93
13) Acetone		4.123	43	36179	55.916	ug/L	96
14) Carbon disulfide		4.379	76	202839	26.125	ug/L	99
15) Methyl Acetate		4.665	43	36763	23.554	ug/L	96
16) Methylene chloride		4.909	84	83710	22.978	ug/L	95
17) trans-1,2-Dichloroethene		5.421	96	81779	26.441	ug/L	98
18) Methyl tert-butyl Ether		5.421	73	121221	26.441	ug/L	98
19) 1,1-Dichloroethane		6.208	63	149745	25.632	ug/L	97
20) cis-1,2-Dichloroethene		7.165	96	88857	26.163	ug/L	96
22) 2-Butanone		7.171	43	55961	53.885	ug/L	98
23) Bromochloromethane		7.513	128	43111	24.666	ug/L	92
25) Chloroform		7.671	83	170239	25.184	ug/L	99

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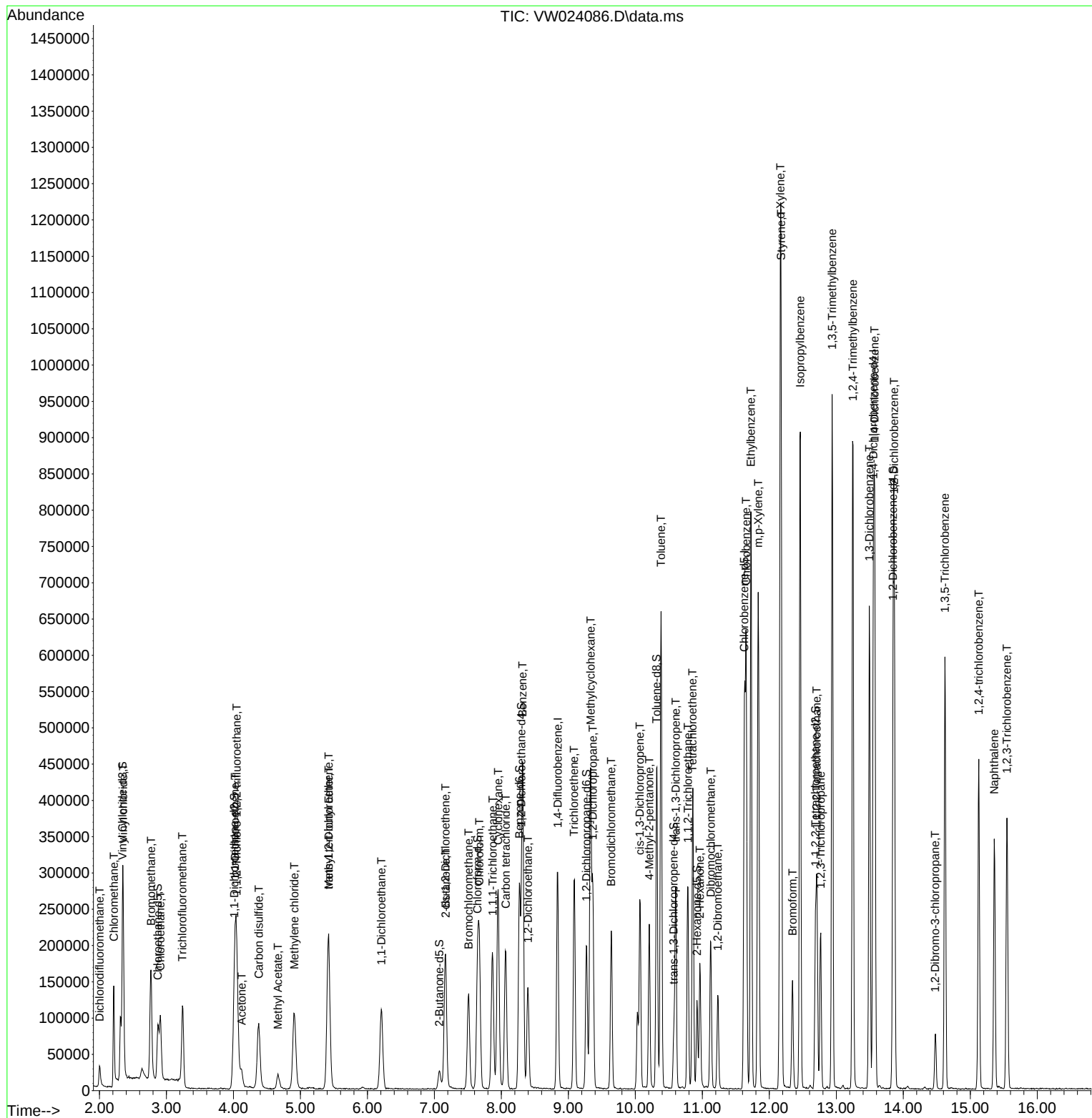
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	127426	26.467	ug/L	100
29) Cyclohexane	7.951	56	130341	26.949	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	143736	24.496	ug/L	98
31) Carbon tetrachloride	8.067	117	136253	25.191	ug/L	97
33) Benzene	8.317	78	383656	25.299	ug/L	100
34) Trichloroethene	9.085	95	98811	24.606	ug/L	94
35) Methylcyclohexane	9.335	83	170221	27.901	ug/L	99
37) 1,2-Dichloropropane	9.366	63	96791	25.246	ug/L	98
38) Bromodichloromethane	9.640	83	134281	24.566	ug/L	96
39) cis-1,3-Dichloropropene	10.067	75	145231	26.000	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	134939	50.580	ug/L	99
42) Toluene	10.384	91	468974	27.341	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	140683	26.595	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	84480	25.224	ug/L	95
46) Tetrachloroethene	10.853	164	81234	25.846	ug/L	89
48) 2-Hexanone	10.963	43	106172	54.917	ug/L	98
49) Dibromochloromethane	11.128	129	98160	25.083	ug/L	99
50) 1,2-Dibromoethane	11.231	107	80908	24.673	ug/L	93
51) Chlorobenzene	11.652	112	302827	26.232	ug/L	97
52) Ethylbenzene	11.725	91	533412	28.217	ug/L	99
53) m,p-Xylene	11.835	106	213280	29.068	ug/L	95
54) o-Xylene	12.164	106	206154	29.380	ug/L	97
55) Styrene	12.176	104	373741	29.732	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.707	83	119422	25.727	ug/L	97
59) Bromoform	12.347	173	60920	24.455	ug/L	99
60) Isopropylbenzene	12.463	105	567364	27.793	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83666	23.096	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	478253	29.121	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	475694	28.618	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	260207	26.651	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	265820	25.648	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	231103	25.306	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.475	75	18402	22.735	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	164965	26.496	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	121150	25.680	ug/L	92
71) Naphthalene	15.359	128	277655	27.505	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116255	26.198	ug/L	96

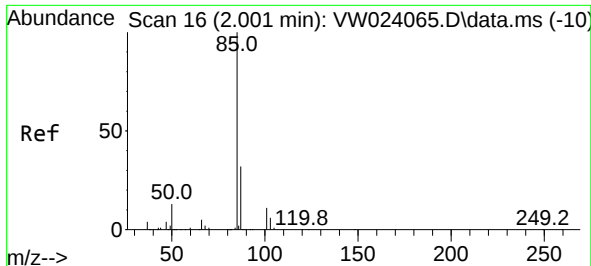
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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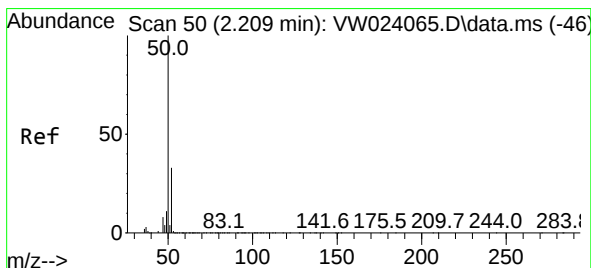
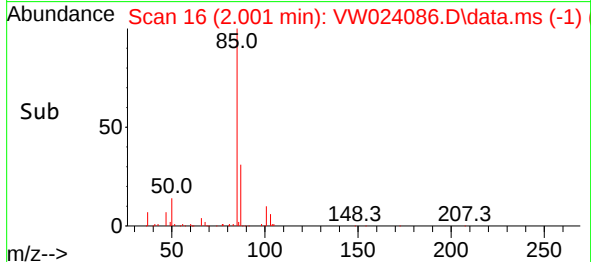
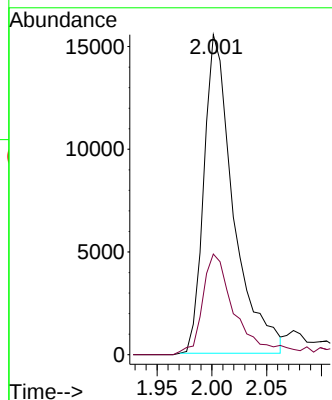
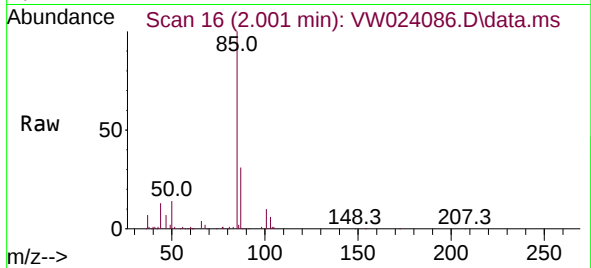




#2
 Dichlorodifluoromethane
 Concen: 16.433 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024086.D
 Acq: 26 Jul 2022 07:56

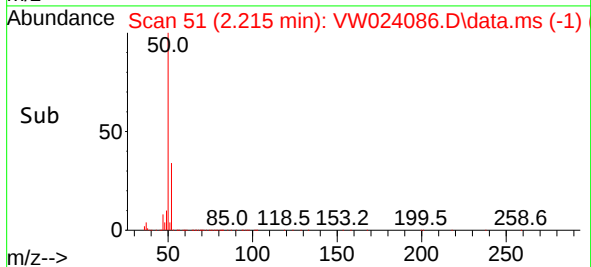
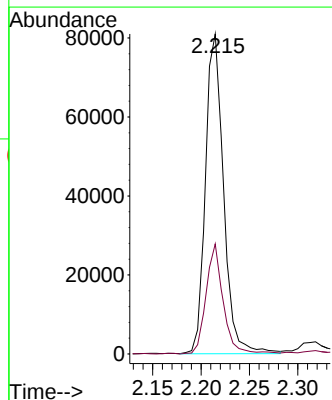
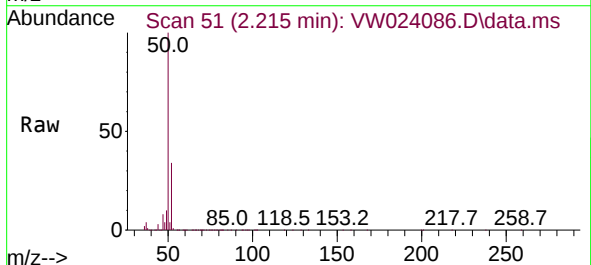
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

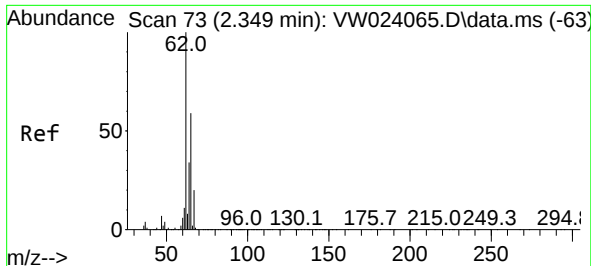
Tgt Ion: 85 Resp: 29049
 Ion Ratio Lower Upper
 85 100
 87 34.7 24.2 36.2



#3
 Chloromethane
 Concen: 23.110 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW024086.D
 Acq: 26 Jul 2022 07:56

Tgt Ion: 50 Resp: 106059
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.9 44.5

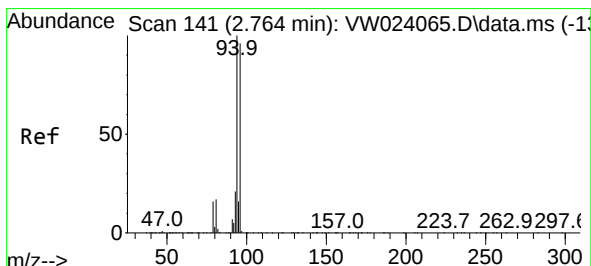
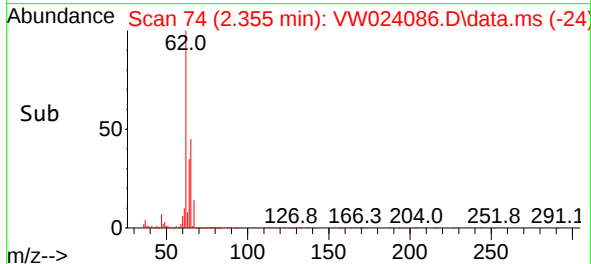
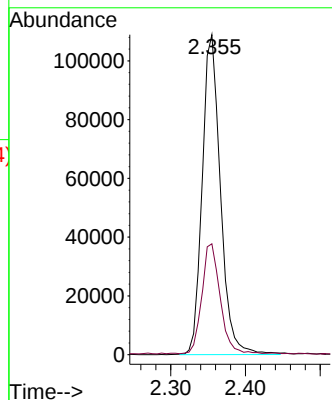
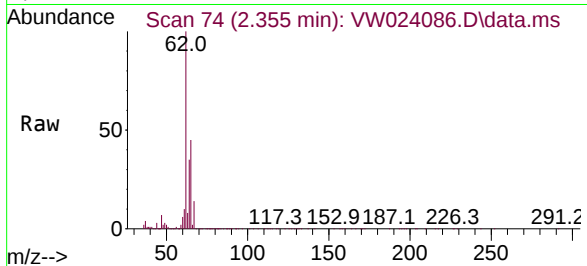




#5
 Vinyl chloride
 Concen: 25.775 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024086.D
 Acq: 26 Jul 2022 07:56

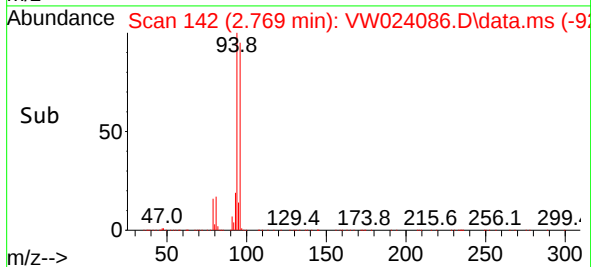
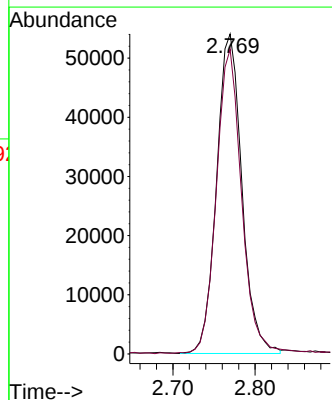
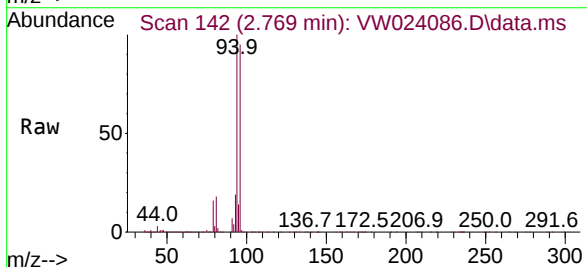
Instrument :
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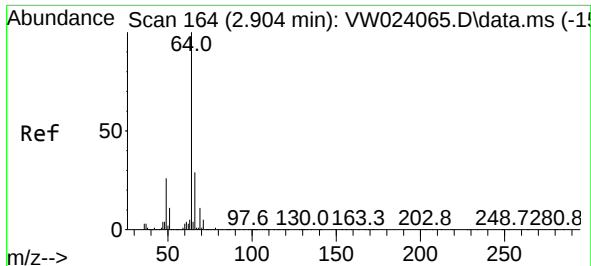
Tgt Ion: 62 Resp: 184371
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.9 44.3



#6
 Bromomethane
 Concen: 29.263 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.006 min
 Lab File: VW024086.D
 Acq: 26 Jul 2022 07:56

Tgt Ion: 94 Resp: 115636
 Ion Ratio Lower Upper
 94 100
 96 95.2 61.9 114.9

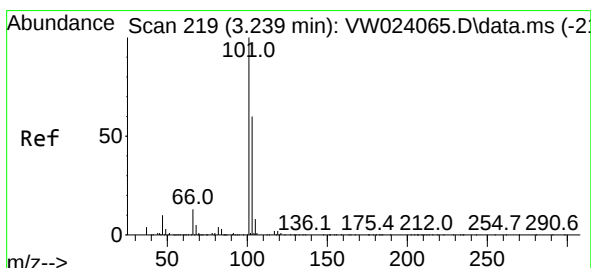
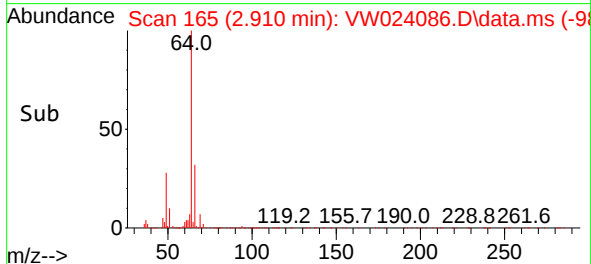
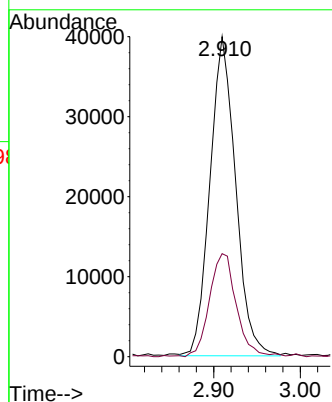
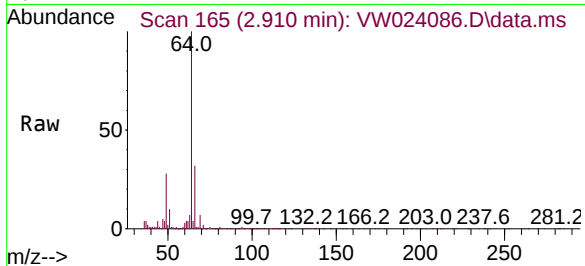




#8
Chloroethane
Concen: 26.109 ug/L
RT: 2.910 min Scan# 165
Delta R.T. 0.006 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

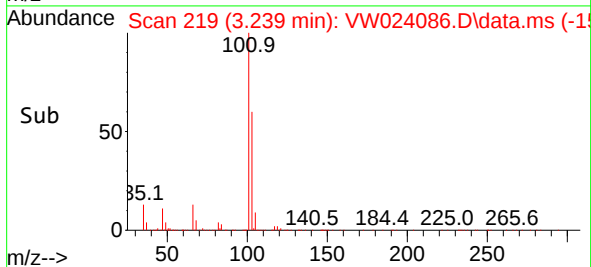
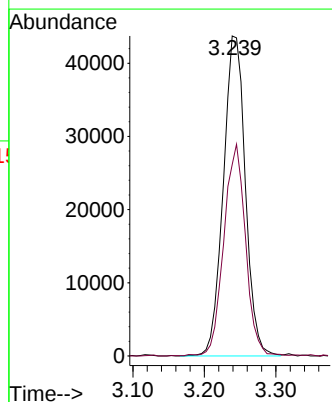
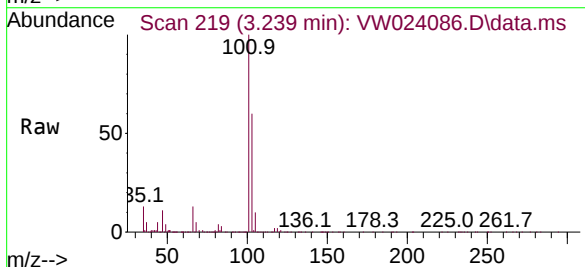
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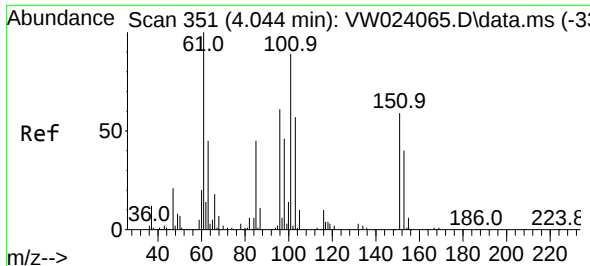
Tgt Ion: 64 Resp: 82156
Ion Ratio Lower Upper
64 100
66 32.2 23.9 44.3



#9
Trichlorofluoromethane
Concen: 28.141 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion: 101 Resp: 93710
Ion Ratio Lower Upper
101 100
103 64.7 52.4 78.6

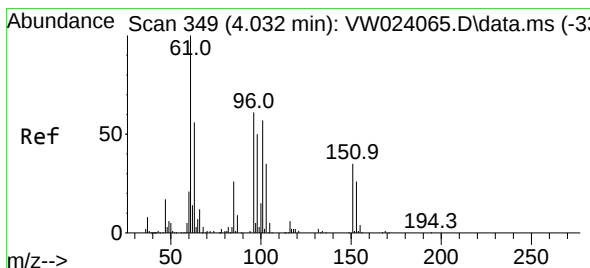
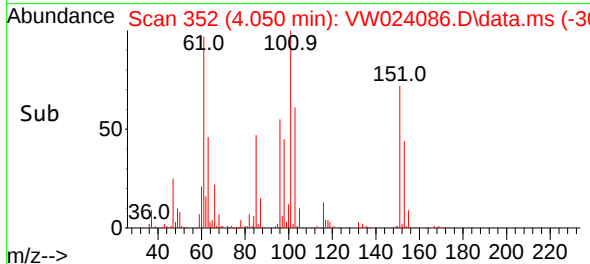
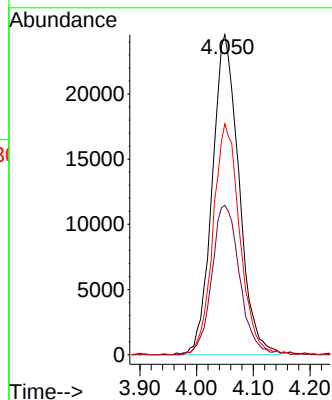
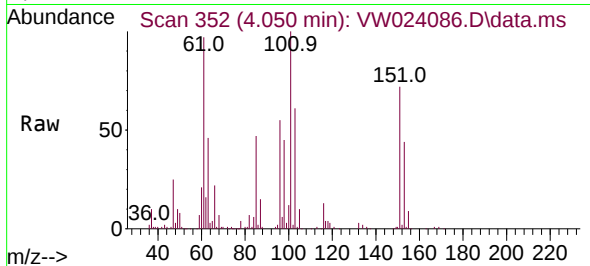




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.018 ug/L
RT: 4.050 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW024086.D
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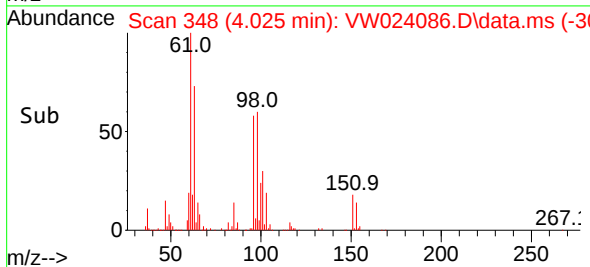
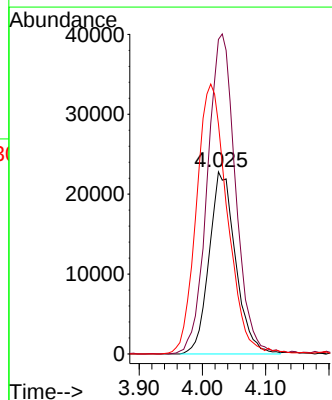
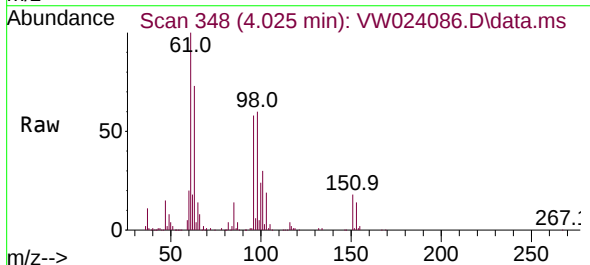
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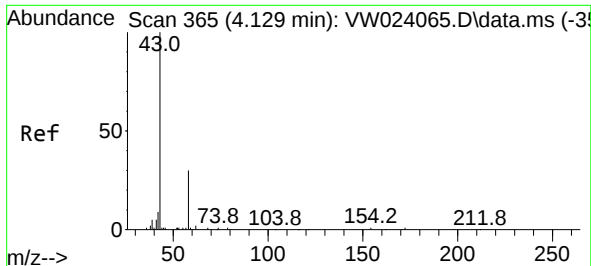
Tgt Ion:101 Resp: 80239
Ion Ratio Lower Upper
101 100
85 48.3 39.8 59.8
151 72.1 30.5 45.7#



#12
1,1-Dichloroethene
Concen: 26.145 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.006 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion: 96 Resp: 66089
Ion Ratio Lower Upper
96 100
61 172.8 128.4 238.4
63 126.4 93.1 172.9





#13

Acetone

Concen: 55.916 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Instrument :

MSVOA_W

ClientSampleId :

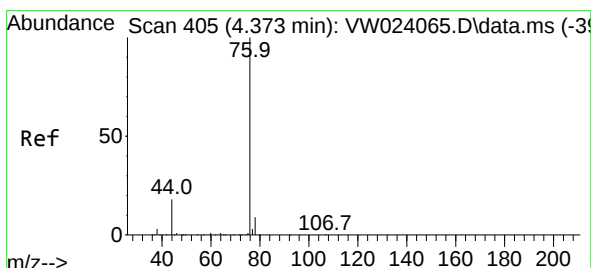
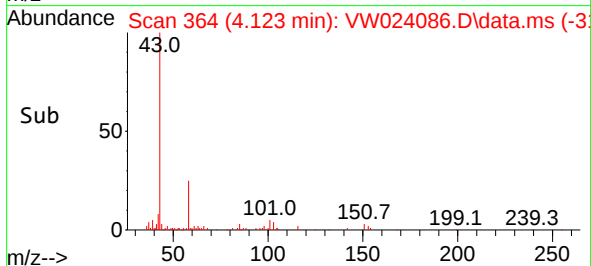
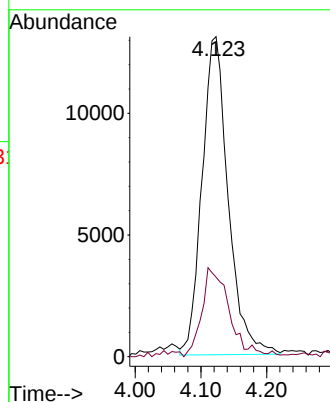
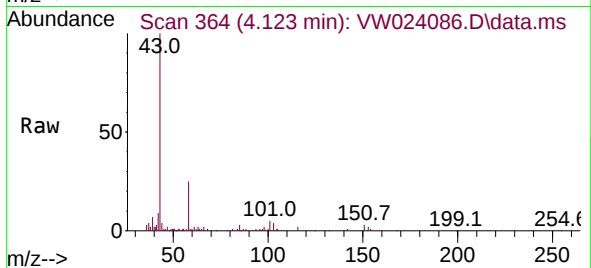
VSTD025508

Tgt Ion: 43 Resp: 36179

Ion Ratio Lower Upper

43 100

58 27.6 0.0 60.0



#14

Carbon disulfide

Concen: 26.125 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.006 min

Lab File: VW024086.D

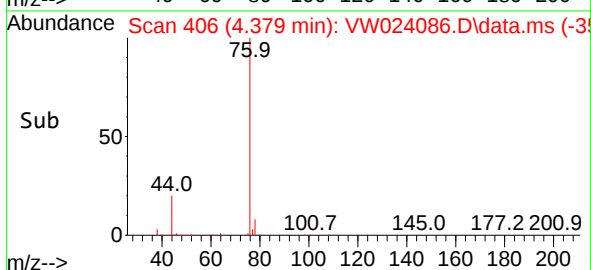
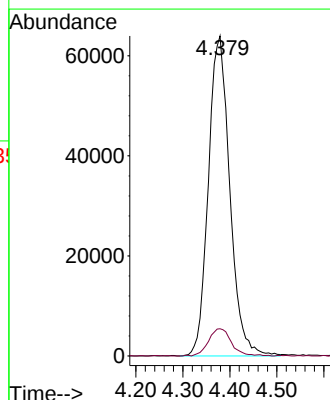
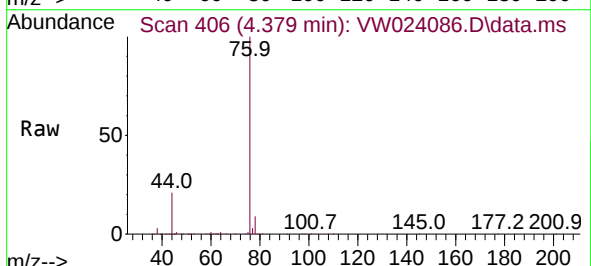
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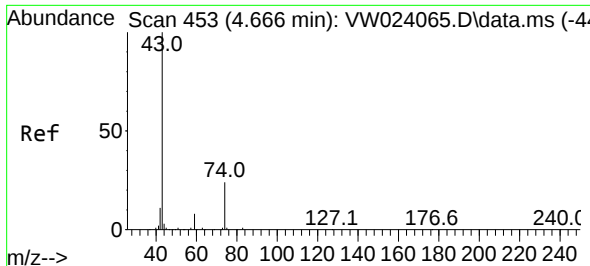
Tgt Ion: 76 Resp: 202839

Ion Ratio Lower Upper

76 100

78 8.5 6.6 10.0

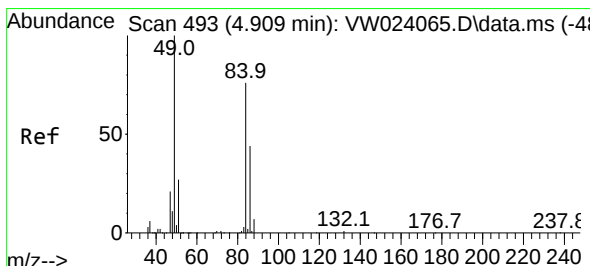
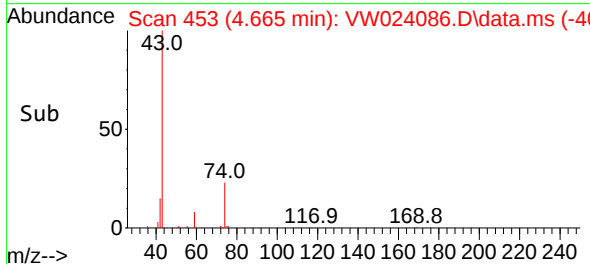
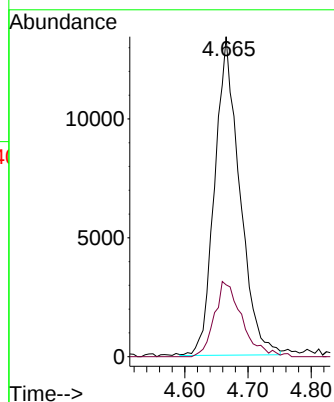
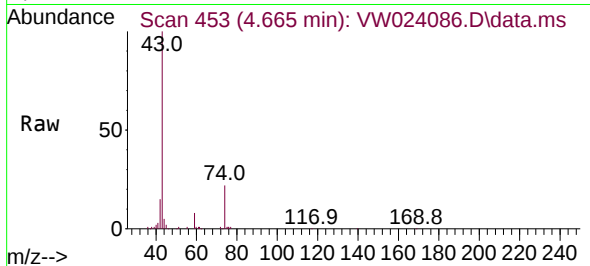




#15
Methyl Acetate
Concen: 23.554 ug/L
RT: 4.665 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

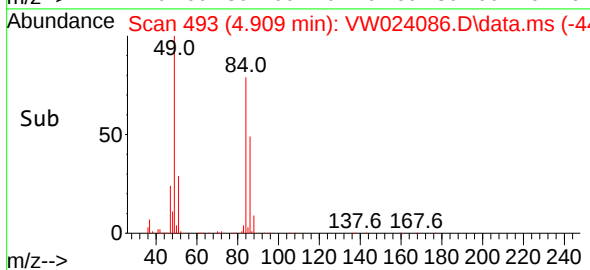
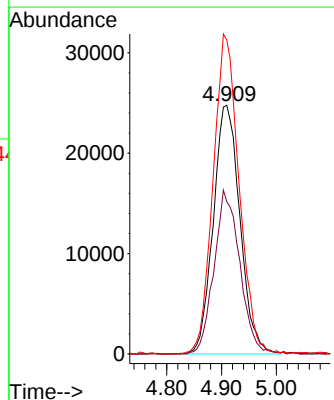
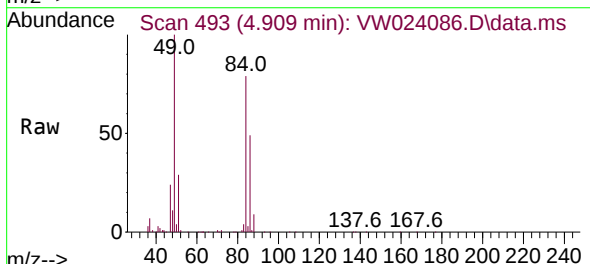
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

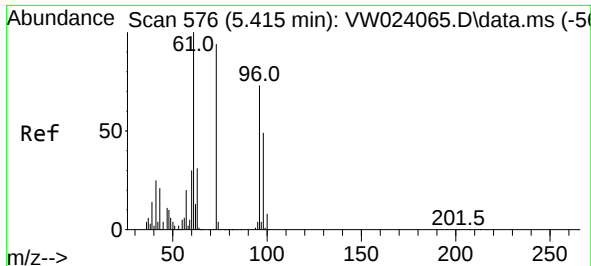
Tgt Ion: 43 Resp: 36763
Ion Ratio Lower Upper
43 100
74 24.4 21.1 31.7



#16
Methylene chloride
Concen: 22.978 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion: 84 Resp: 83710
Ion Ratio Lower Upper
84 100
86 61.3 44.7 83.1
49 126.3 83.7 155.4

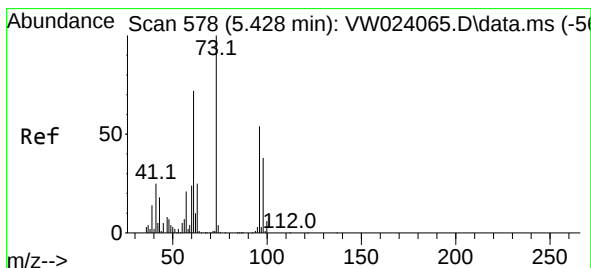
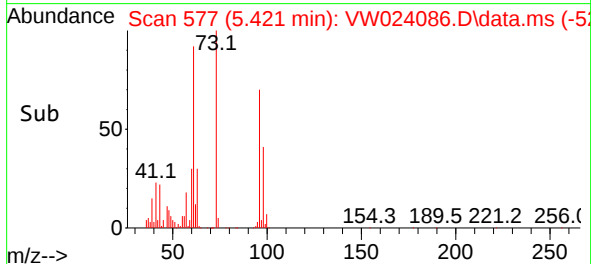
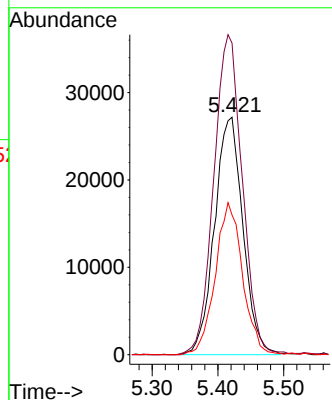
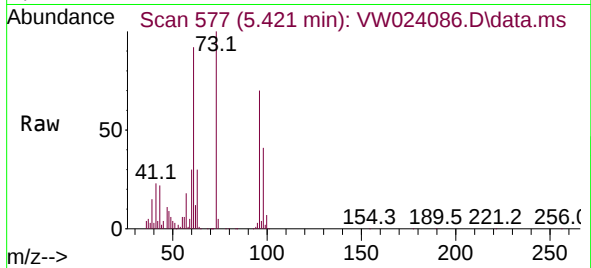




#17
trans-1,2-Dichloroethene
Concen: 26.441 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

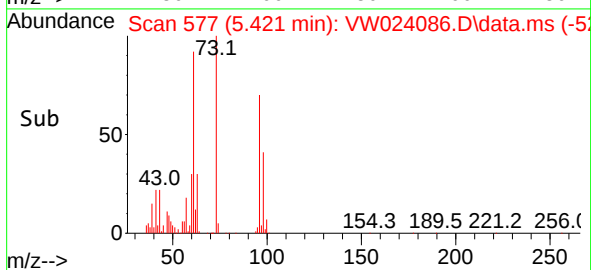
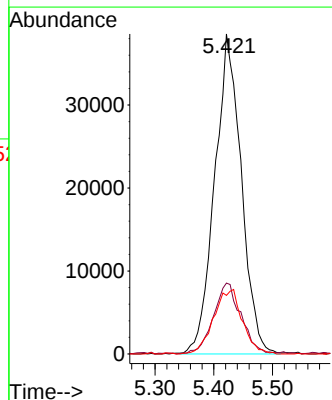
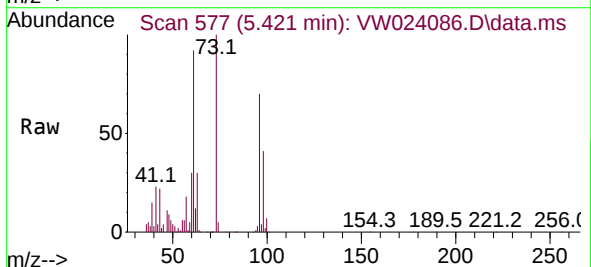
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

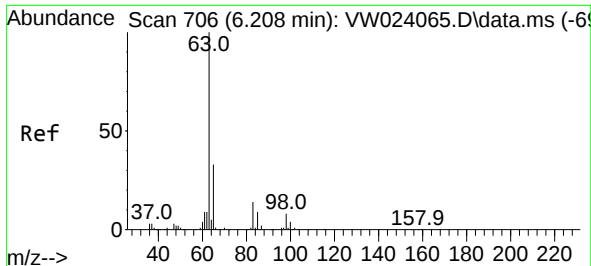
Tgt Ion: 96 Resp: 81779
Ion Ratio Lower Upper
96 100
61 131.2 92.7 172.1
98 58.8 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 26.441 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion: 73 Resp: 121221
Ion Ratio Lower Upper
73 100
43 22.9 17.3 25.9
57 21.8 16.6 25.0





#19

1,1-Dichloroethane

Concen: 25.632 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Instrument :

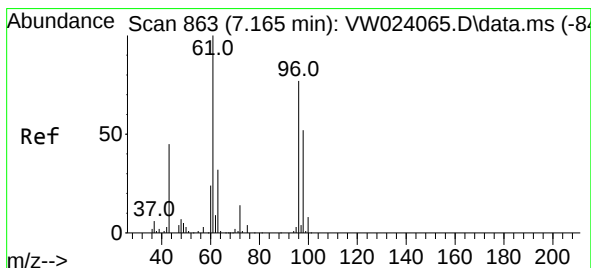
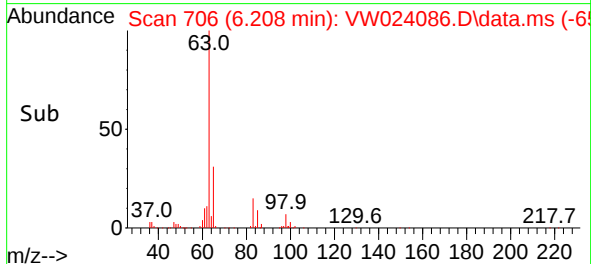
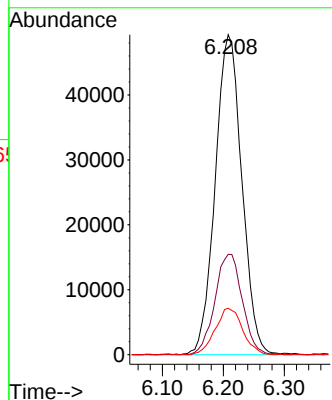
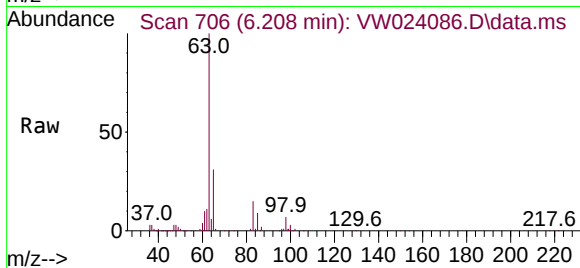
MSVOA_W

ClientSampleId :

VSTD025508

Tgt Ion: 63 Resp: 149745

Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.4	43.4
83	14.5	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 26.163 ug/L

RT: 7.165 min Scan# 863

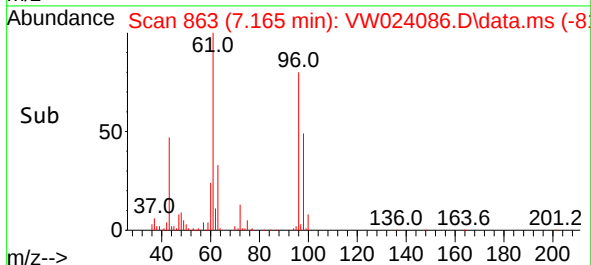
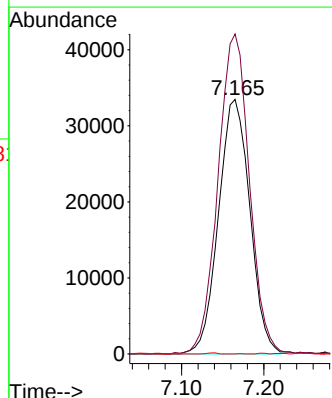
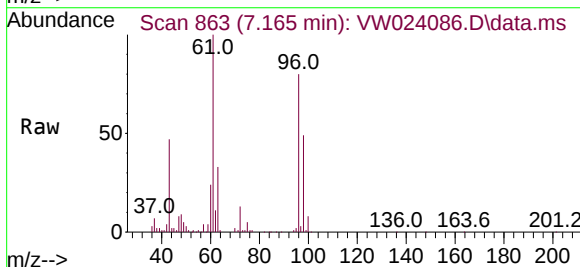
Delta R.T. -0.000 min

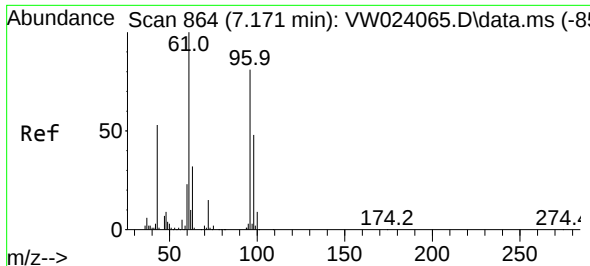
Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Tgt Ion: 96 Resp: 88857

Ion	Ratio	Lower	Upper
96	100		
61	125.7	85.3	158.3
68	0.0	0.0	0.0

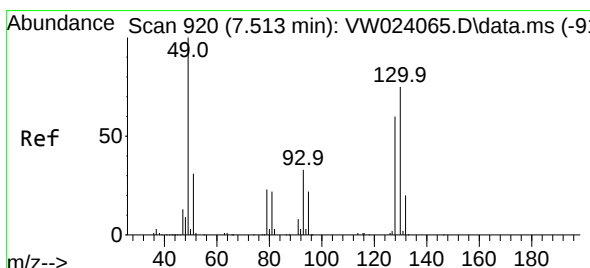
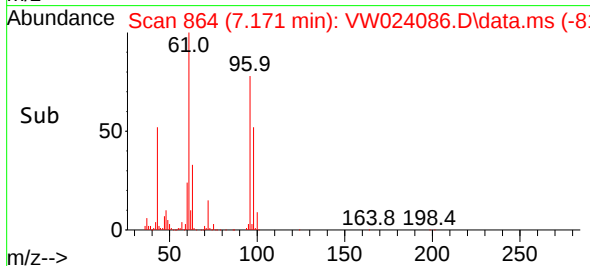
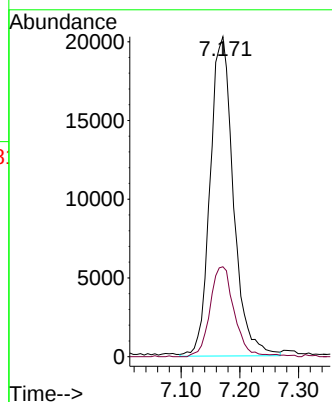
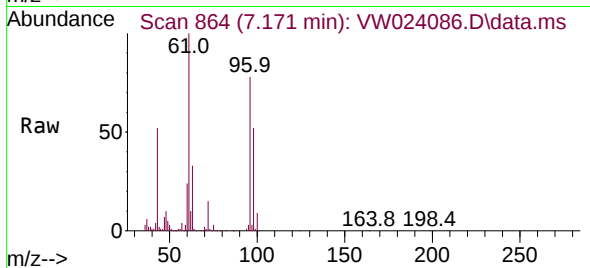




#22
2-Butanone
Concen: 53.885 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

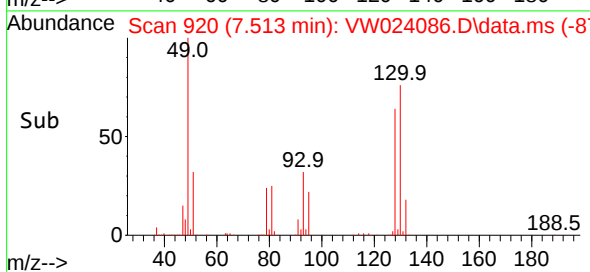
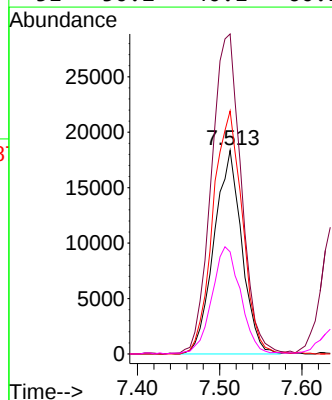
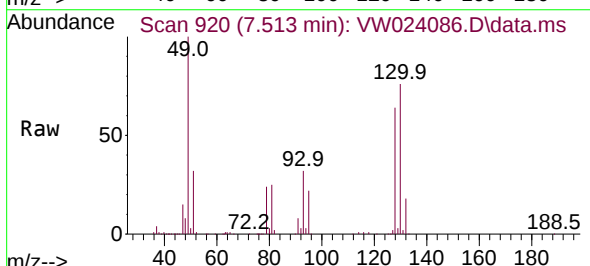
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

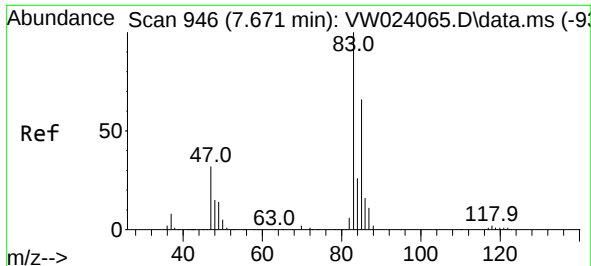
Tgt Ion: 43 Resp: 55961
Ion Ratio Lower Upper
43 100
72 28.9 15.0 45.0



#23
Bromochloromethane
Concen: 24.666 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion: 128 Resp: 43111
Ion Ratio Lower Upper
128 100
49 157.2 119.8 222.4
130 119.4 90.7 168.5
51 50.2 40.1 60.1

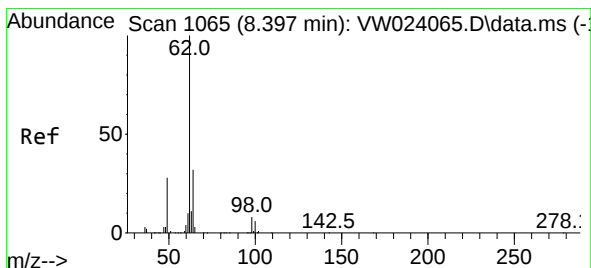
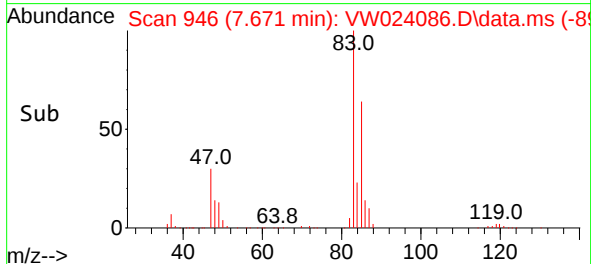
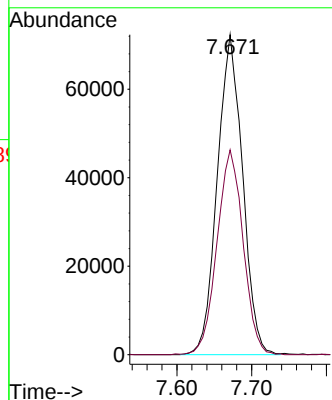
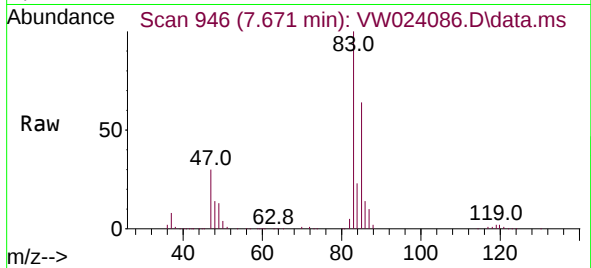




#25
Chloroform
Concen: 25.184 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

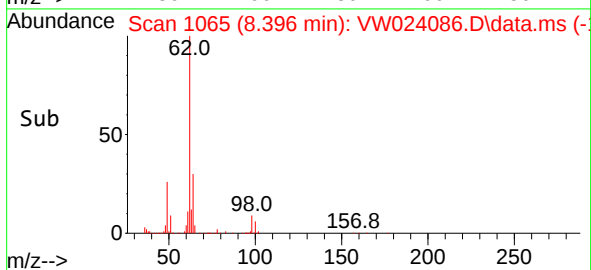
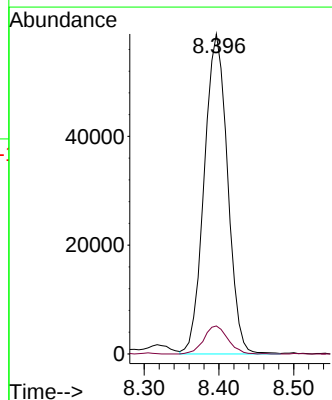
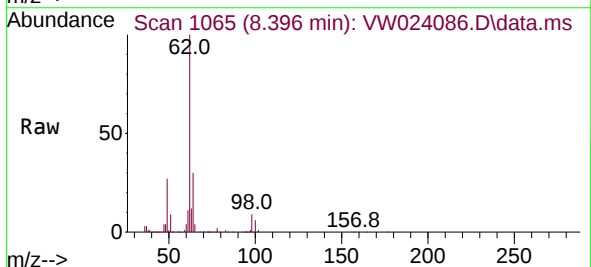
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

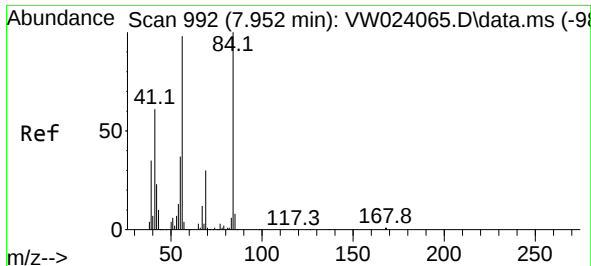
Tgt Ion: 83 Resp: 170239
Ion Ratio Lower Upper
83 100
85 64.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.467 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion: 62 Resp: 127426
Ion Ratio Lower Upper
62 100
98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 26.949 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

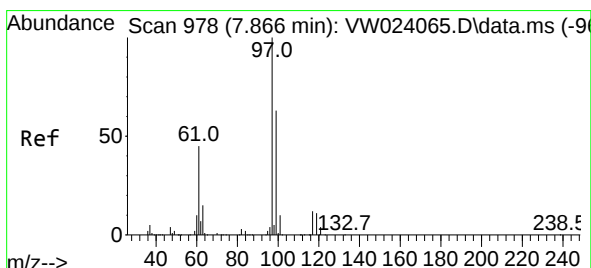
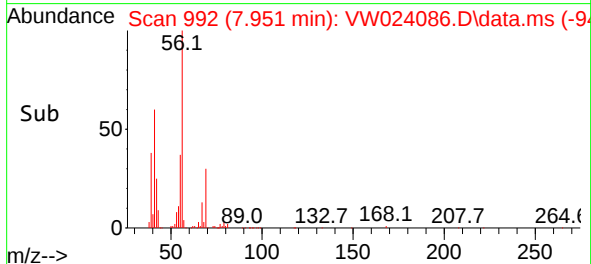
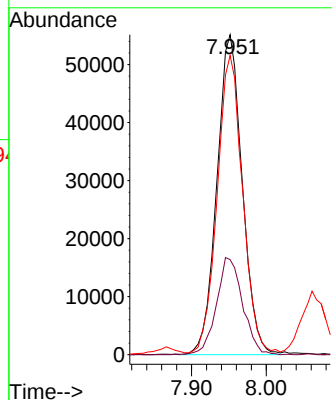
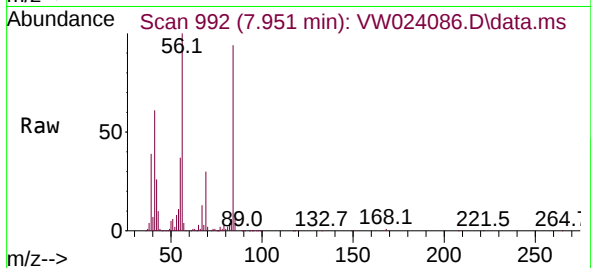
Tgt Ion: 56 Resp: 130341

Ion Ratio Lower Upper

56 100

69 31.1 24.1 36.1

84 93.8 76.2 114.4



#30

1,1,1-Trichloroethane

Concen: 24.496 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

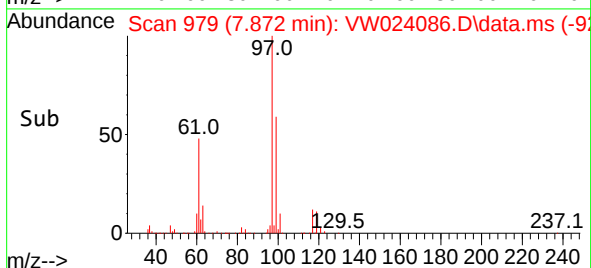
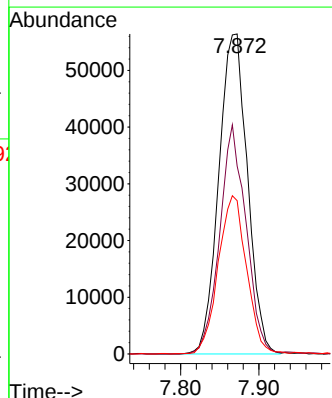
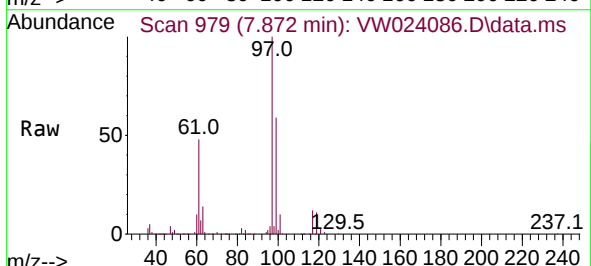
Tgt Ion: 97 Resp: 143736

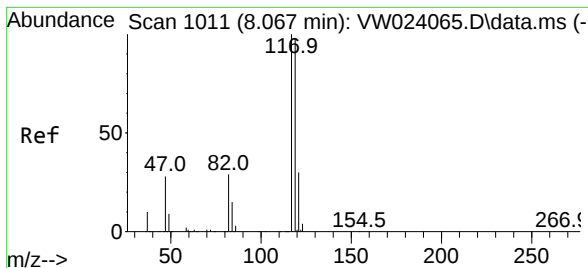
Ion Ratio Lower Upper

97 100

99 65.6 51.7 77.5

61 48.8 37.8 56.6

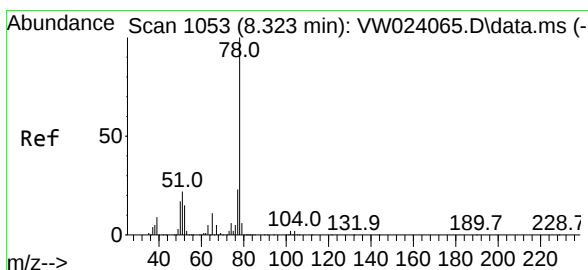
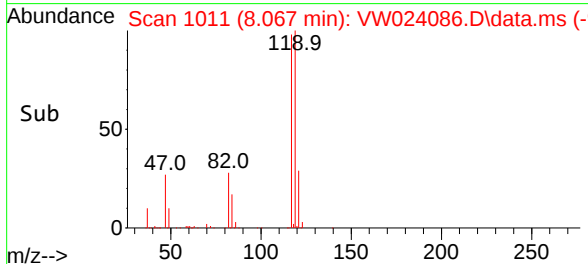
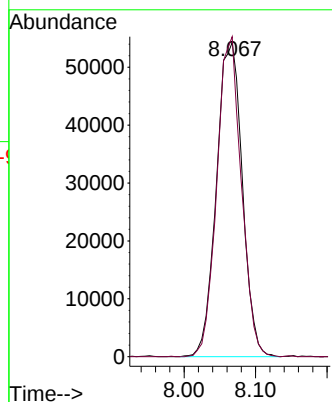
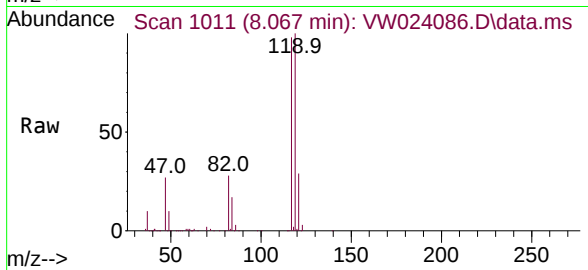




#31
Carbon tetrachloride
Concen: 25.191 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

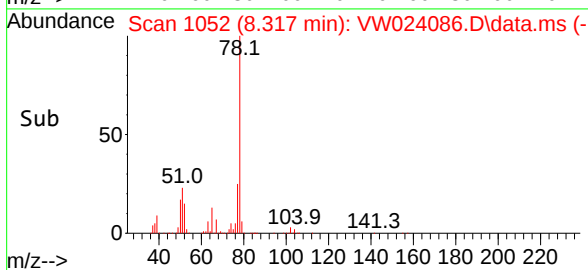
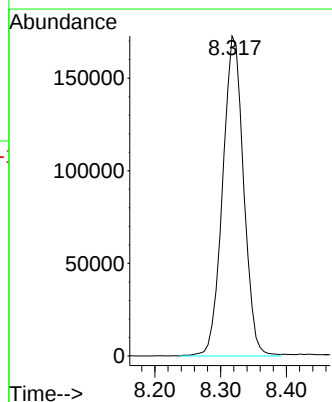
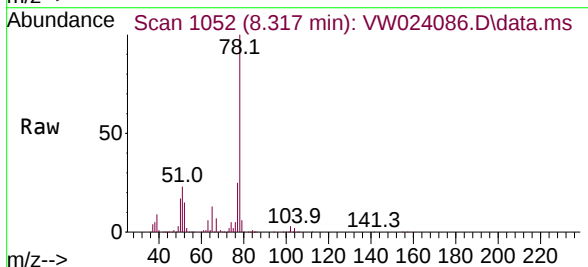
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

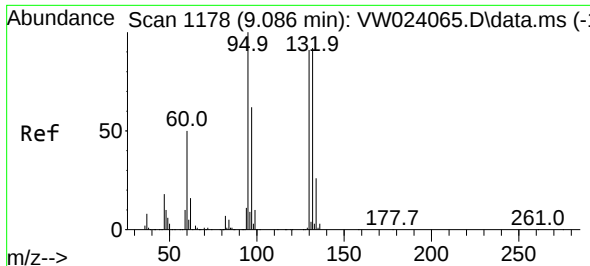
Tgt Ion:117 Resp: 136253
Ion Ratio Lower Upper
117 100
119 96.5 75.0 112.4



#33
Benzene
Concen: 25.299 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion: 78 Resp: 383656



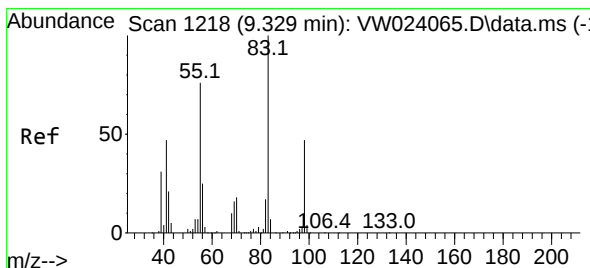
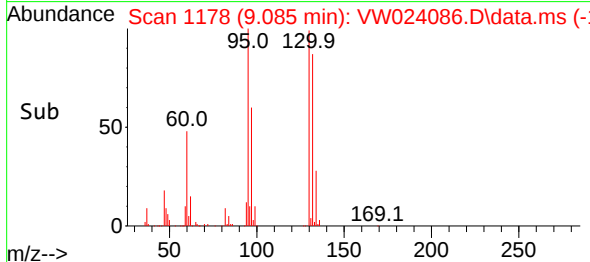
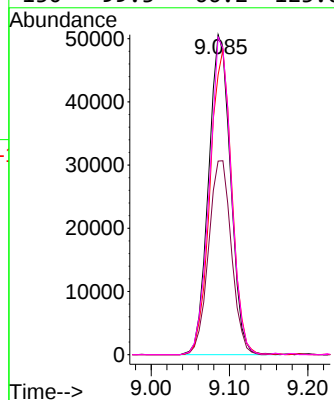
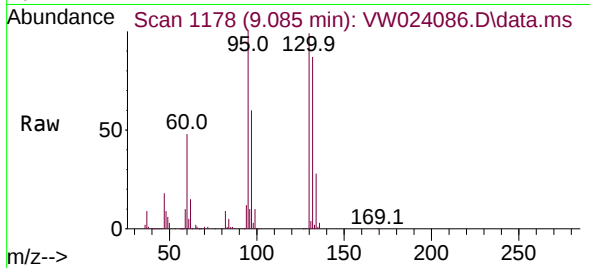


#34
Trichloroethene
Concen: 24.606 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

Tgt Ion: 95 Resp: 98811

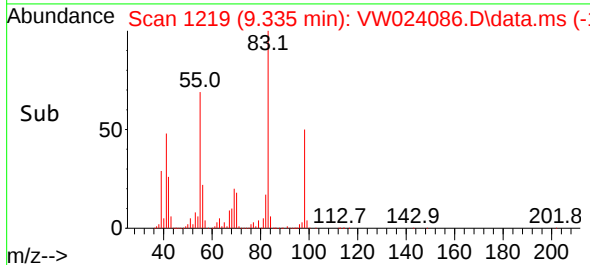
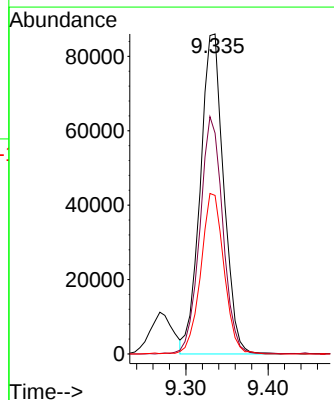
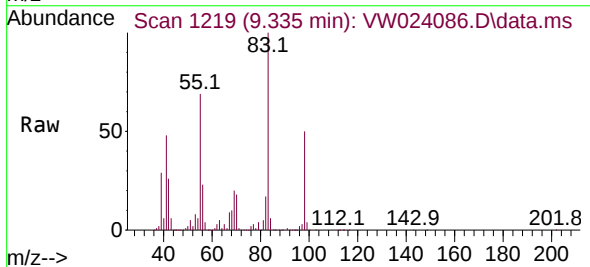
Ion	Ratio	Lower	Upper
95	100		
97	60.5	46.5	86.3
132	87.5	65.8	122.2
130	99.3	66.2	123.0

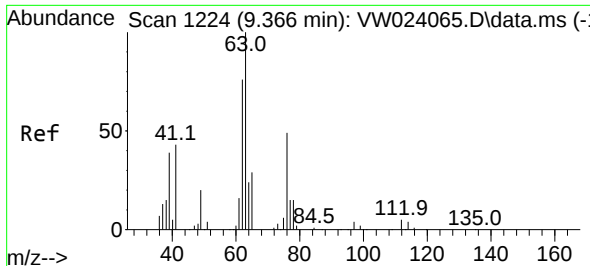


#35
Methylcyclohexane
Concen: 27.901 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion: 83 Resp: 170221

Ion	Ratio	Lower	Upper
83	100		
55	72.2	57.3	85.9
98	49.6	38.9	58.3





#37

1,2-Dichloropropane

Concen: 25.246 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Instrument :

MSVOA_W

ClientSampleId :

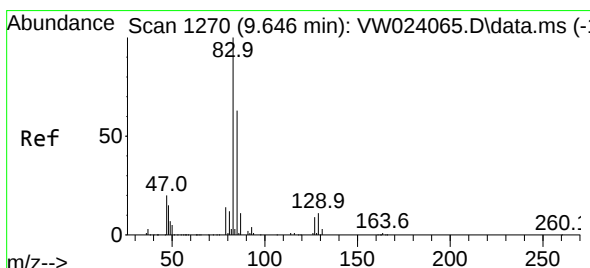
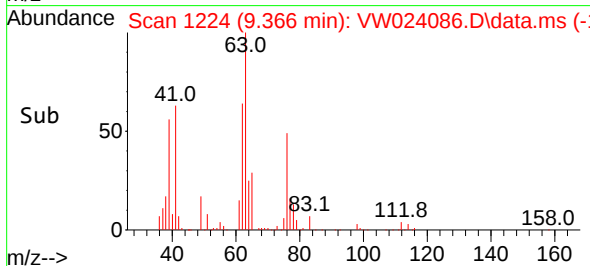
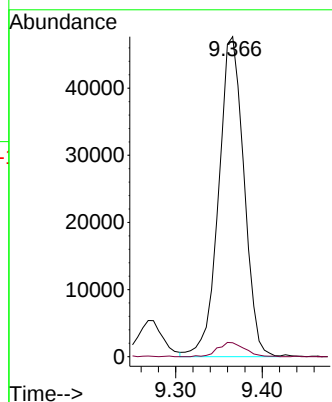
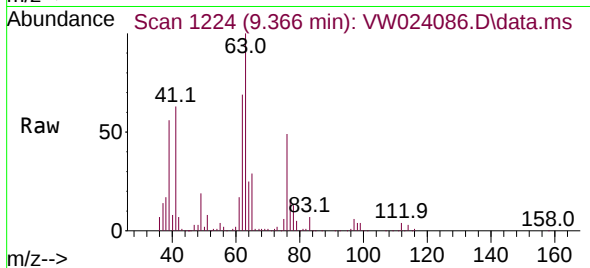
VSTD025508

Tgt Ion: 63 Resp: 96791

Ion Ratio Lower Upper

63 100

112 4.4 3.9 5.9



#38

Bromodichloromethane

Concen: 24.566 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

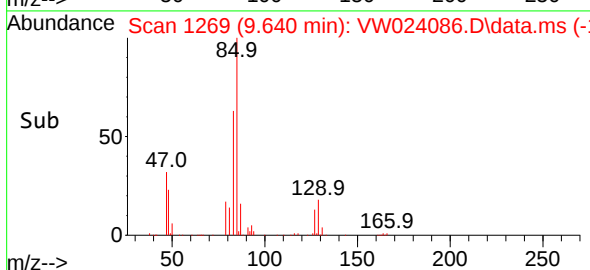
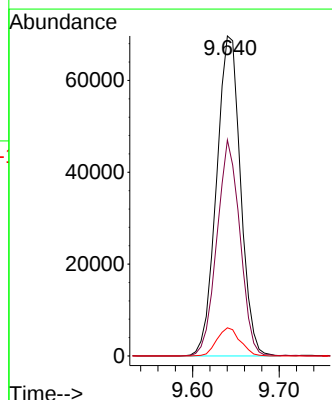
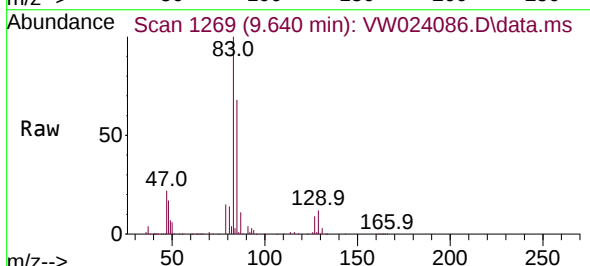
Tgt Ion: 83 Resp: 134281

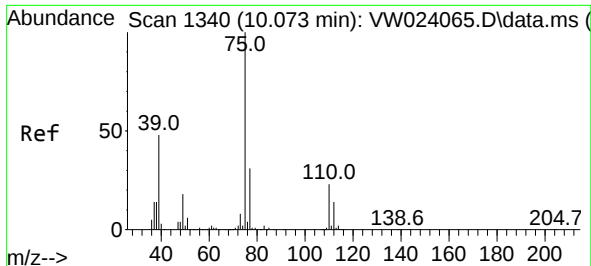
Ion Ratio Lower Upper

83 100

85 67.5 45.1 83.7

127 8.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.000 ug/L

RT: 10.067 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Instrument :

MSVOA_W

ClientSampleId :

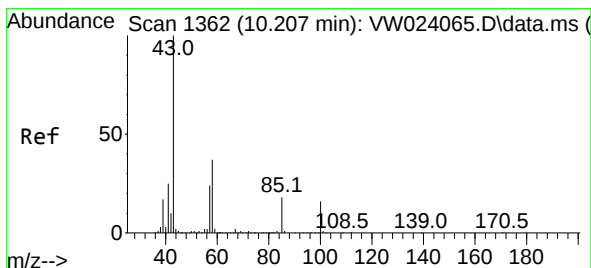
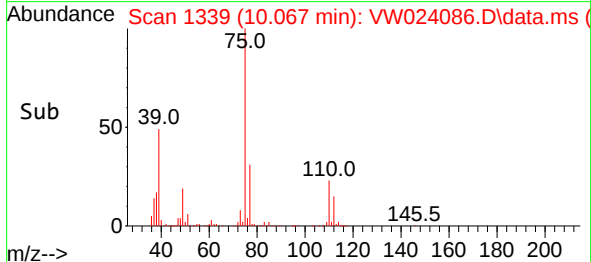
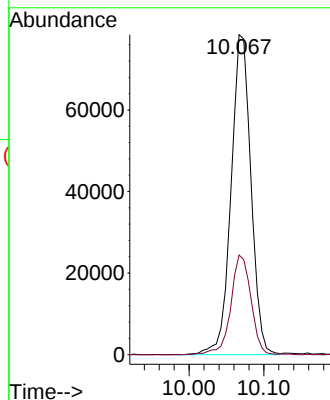
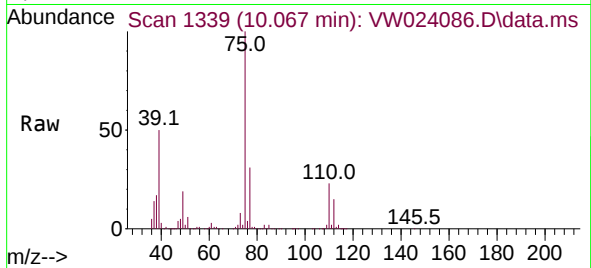
VSTD025508

Tgt Ion: 75 Resp: 145231

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 50.580 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

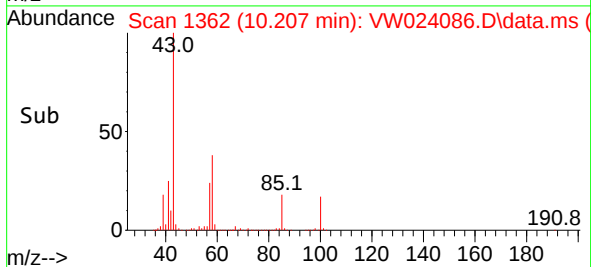
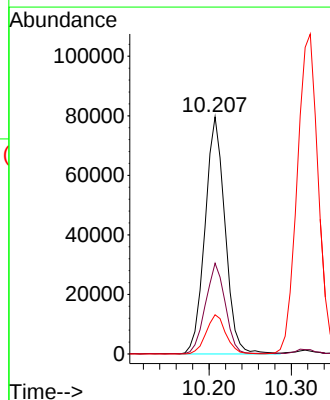
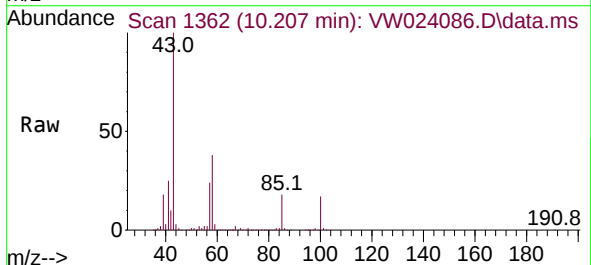
Tgt Ion: 43 Resp: 134939

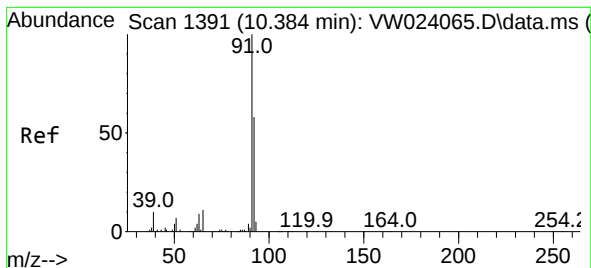
Ion Ratio Lower Upper

43 100

58 37.5 30.8 46.2

100 16.3 13.0 19.6





#42

Toluene

Concen: 27.341 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Instrument :

MSVOA_W

ClientSampleId :

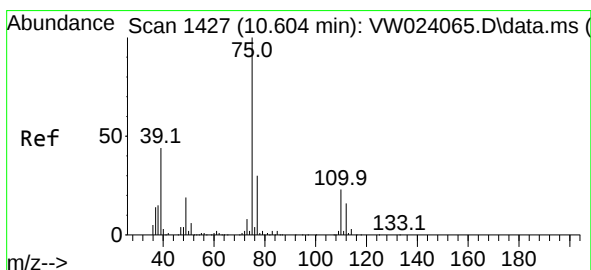
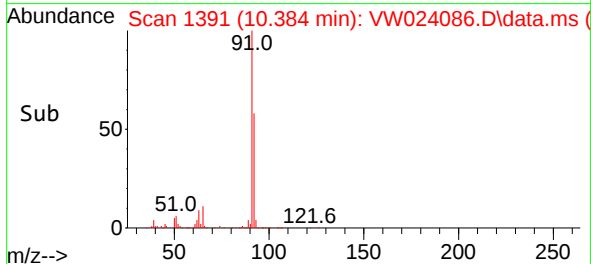
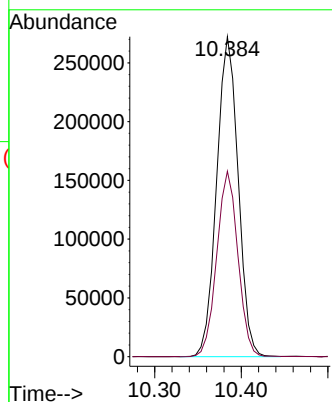
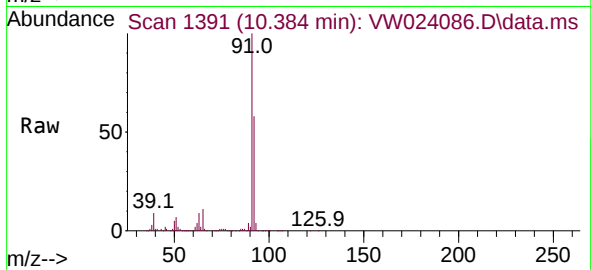
VSTD025508

Tgt Ion: 91 Resp: 468974

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 26.595 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024086.D

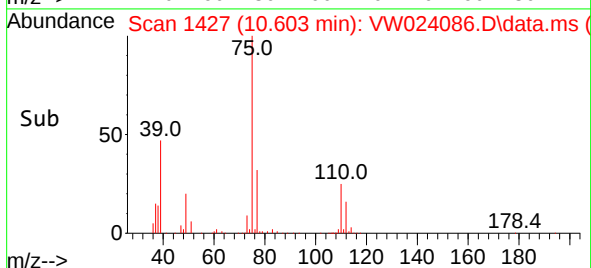
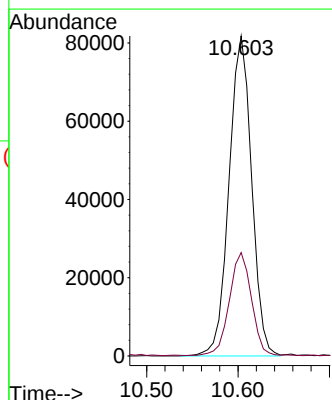
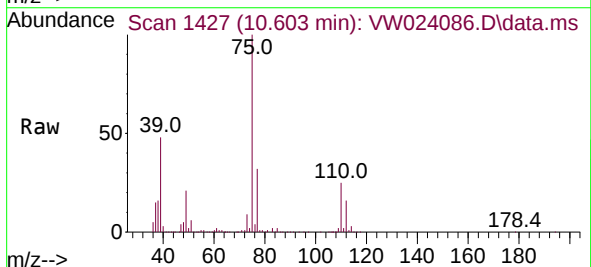
Acq: 26 Jul 2022 07:56

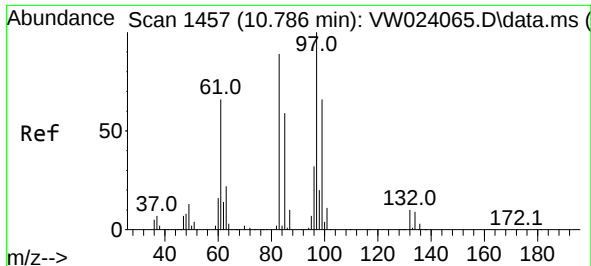
Tgt Ion: 75 Resp: 140683

Ion Ratio Lower Upper

75 100

77 32.3 21.3 39.6

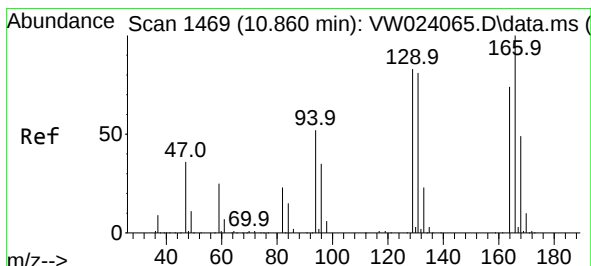
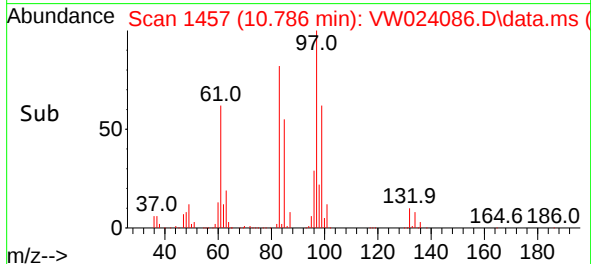
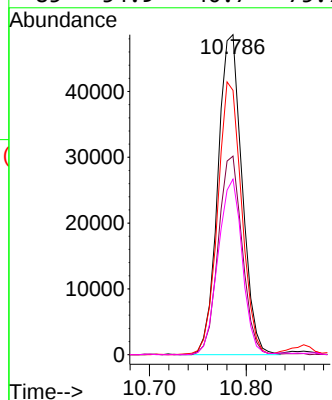
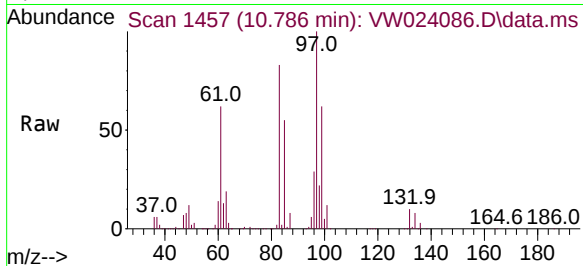




#45
1,1,2-Trichloroethane
Concen: 25.224 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

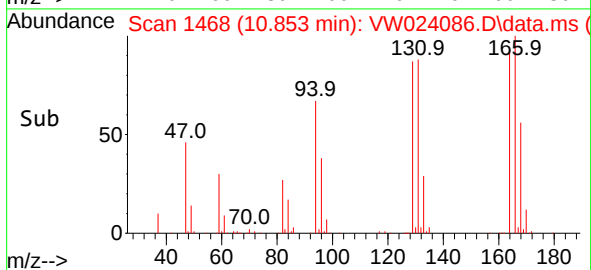
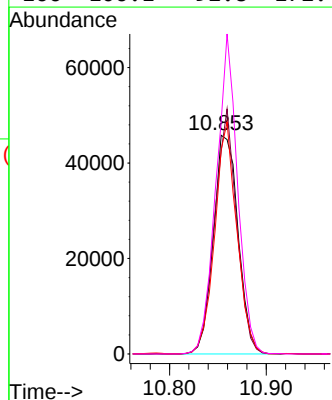
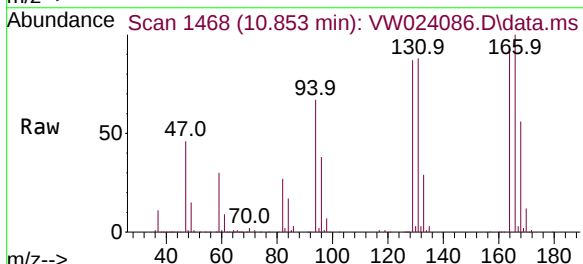
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

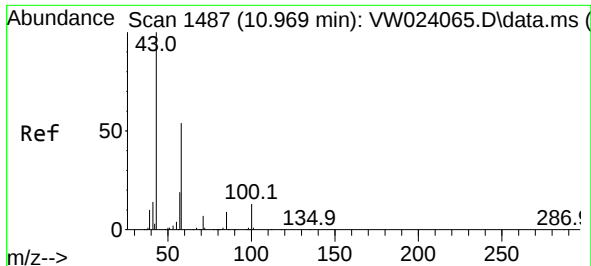
Tgt Ion: 97	Resp: 84480
Ion Ratio	Lower Upper
97 100	
99 62.0	46.2 85.8
83 82.6	61.2 113.6
85 54.9	40.7 75.7



#46
Tetrachloroethene
Concen: 25.846 ug/L
RT: 10.853 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

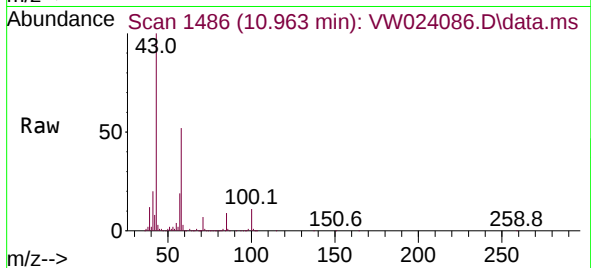
Tgt	Ion:164	Resp:	81234
Ion	Ratio	Lower	Upper
164	100		
129	92.5	65.7	122.1
131	93.3	69.2	128.4
166	106.1	92.8	172.4



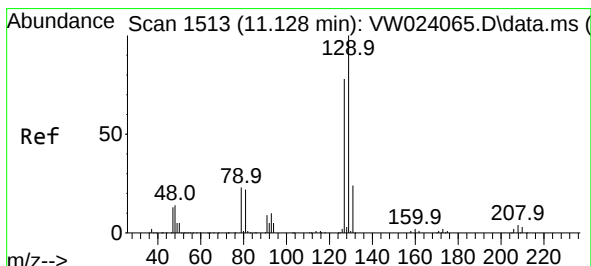
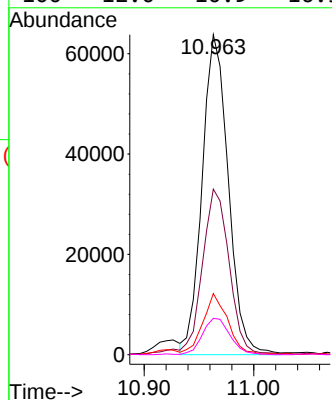
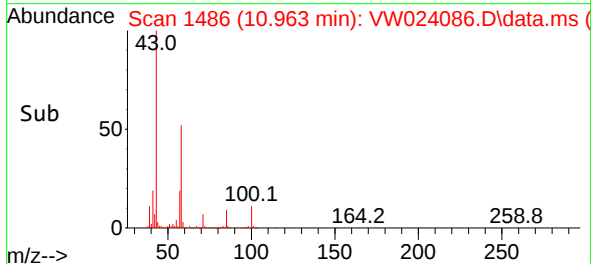


#48
2-Hexanone
Concen: 54.917 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

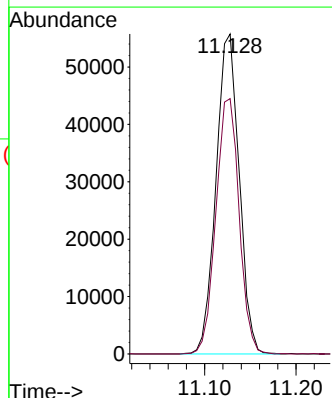
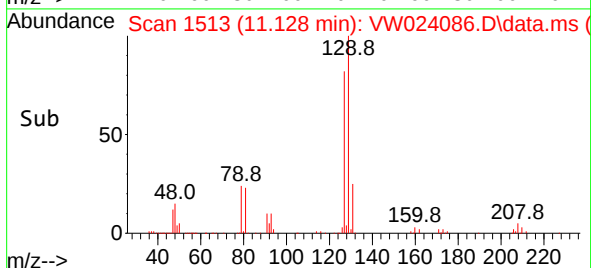
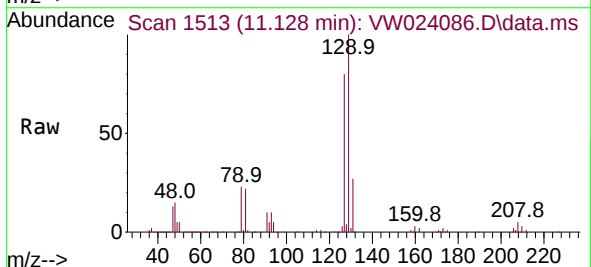


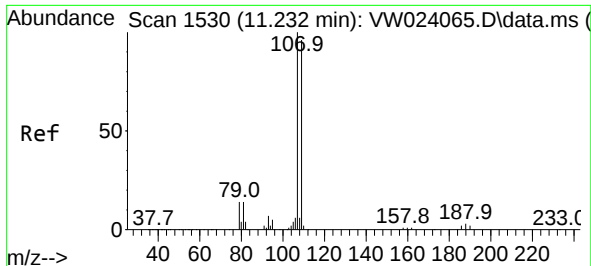
Tgt Ion: 43 Resp: 106172
Ion Ratio Lower Upper
43 100
58 52.4 41.0 61.6
57 18.2 14.5 21.7
100 12.0 10.9 16.3



#49
Dibromochloromethane
Concen: 25.083 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion: 129 Resp: 98160
Ion Ratio Lower Upper
129 100
127 79.8 55.0 102.2

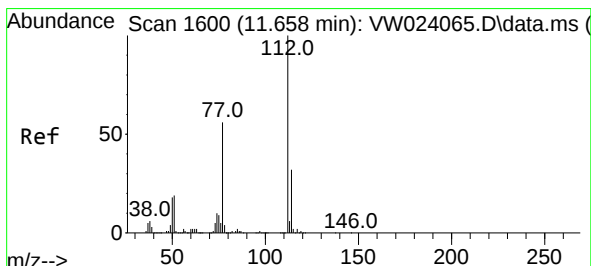
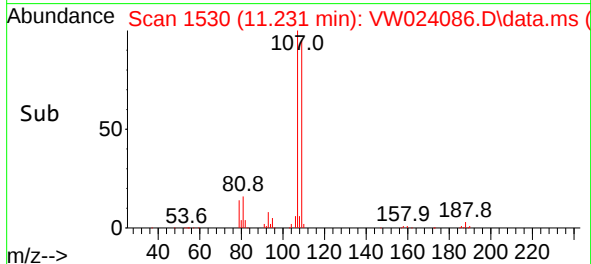
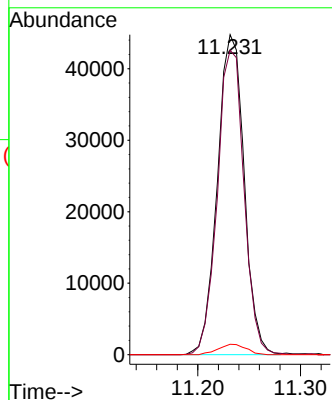
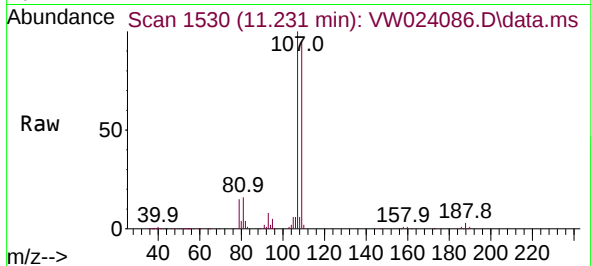




#50
1,2-Dibromoethane
Concen: 24.673 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

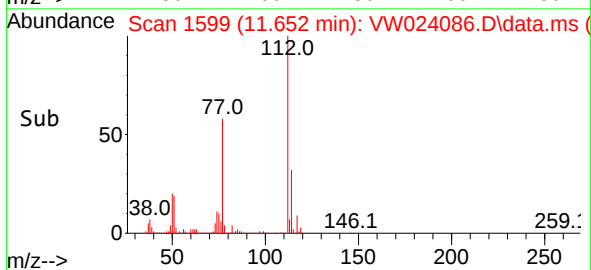
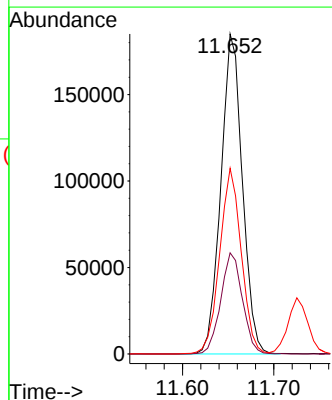
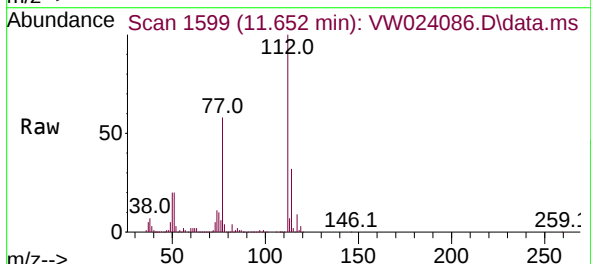
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

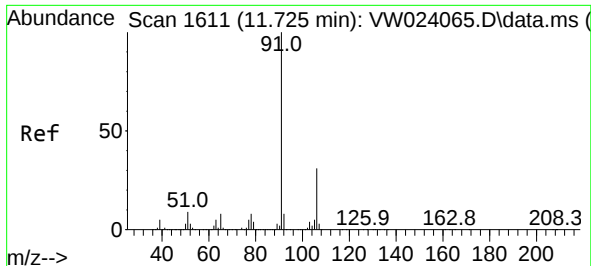
Tgt Ion:107 Resp: 80908
Ion Ratio Lower Upper
107 100
109 95.2 62.2 115.6
188 3.2 2.2 3.2



#51
Chlorobenzene
Concen: 26.232 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion:112 Resp: 302827
Ion Ratio Lower Upper
112 100
114 31.6 23.7 43.9
77 58.0 48.2 72.2

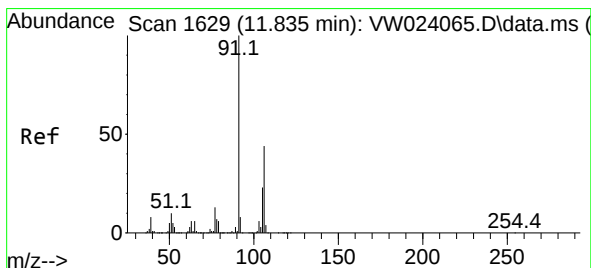
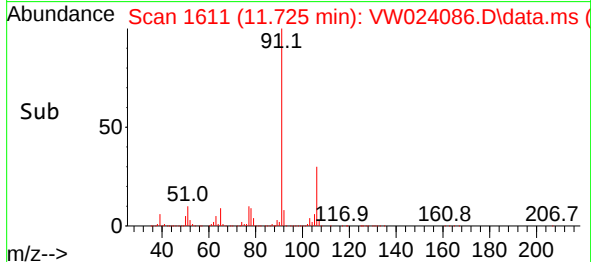
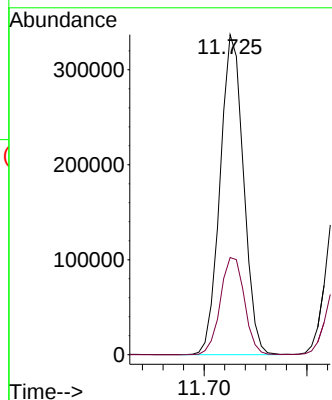
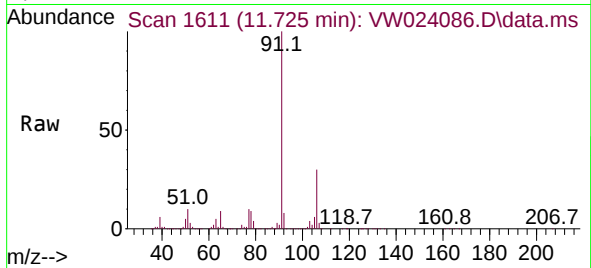




#52
Ethylbenzene
Concen: 28.217 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

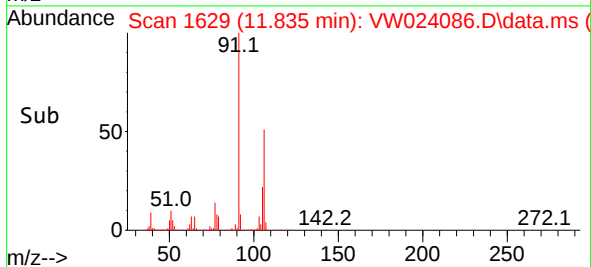
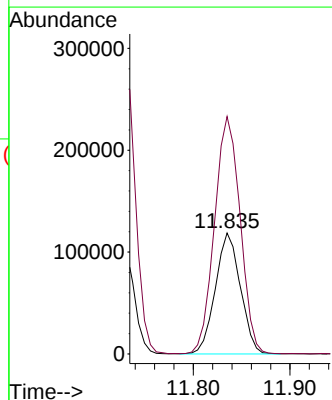
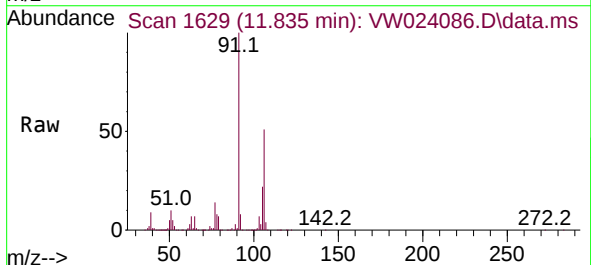
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

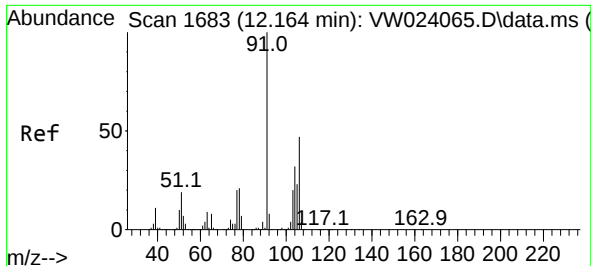
Tgt Ion: 91 Resp: 533412
Ion Ratio Lower Upper
91 100
106 30.4 21.0 39.0



#53
m,p-Xylene
Concen: 29.068 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion:106 Resp: 213280
Ion Ratio Lower Upper
106 100
91 196.2 142.9 265.3

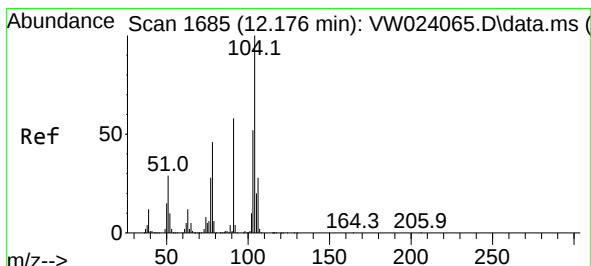
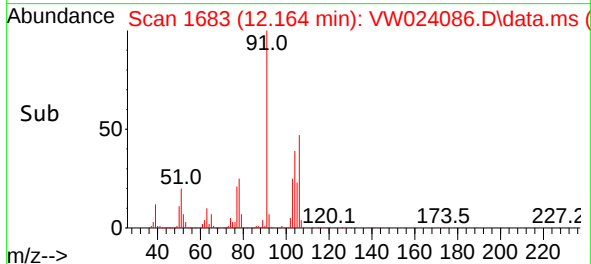
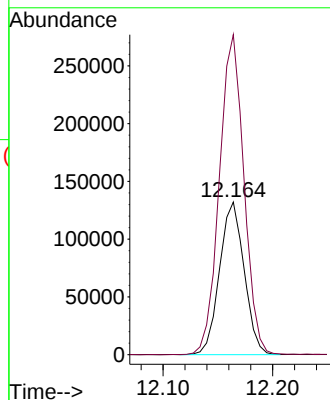
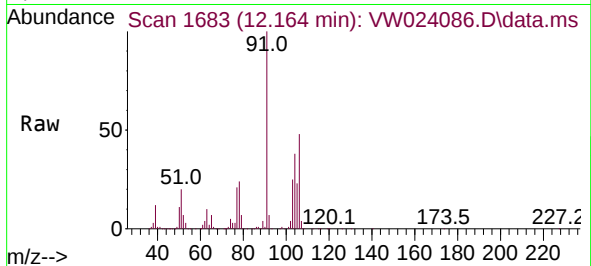




#54
o-Xylene
Concen: 29.380 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

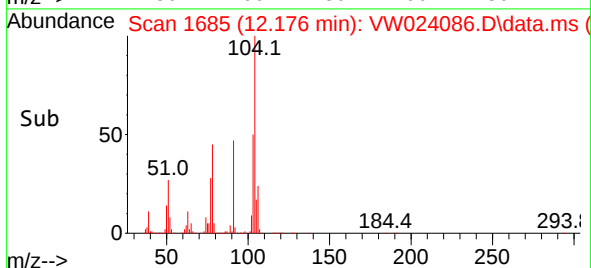
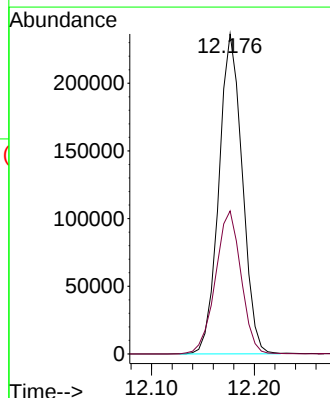
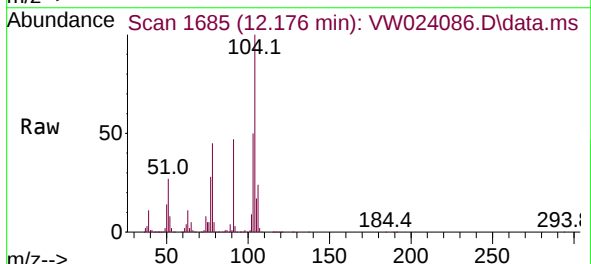
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

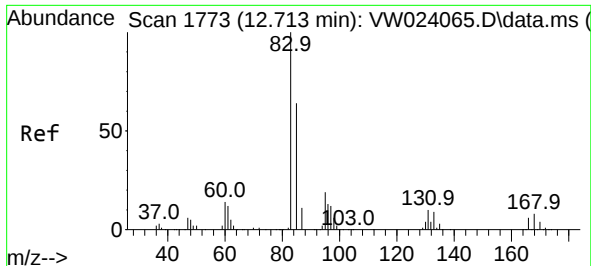
Tgt Ion:106 Resp: 206154
Ion Ratio Lower Upper
106 100
91 209.7 150.6 279.6



#55
Styrene
Concen: 29.732 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion:104 Resp: 373741
Ion Ratio Lower Upper
104 100
78 44.7 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 25.727 ug/L

RT: 12.707 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

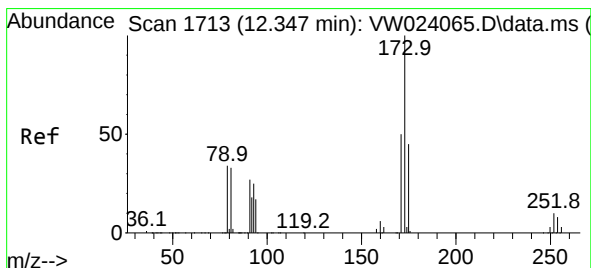
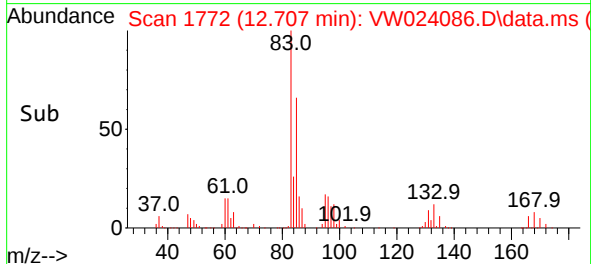
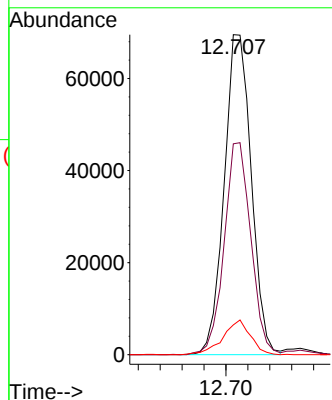
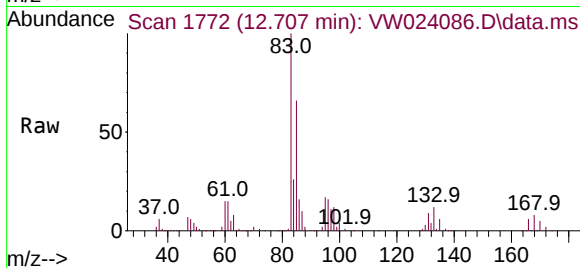
Tgt Ion: 83 Resp: 119422

Ion Ratio Lower Upper

83 100

85 65.9 44.4 82.5

131 9.3 7.5 11.3



#59

Bromoform

Concen: 24.455 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

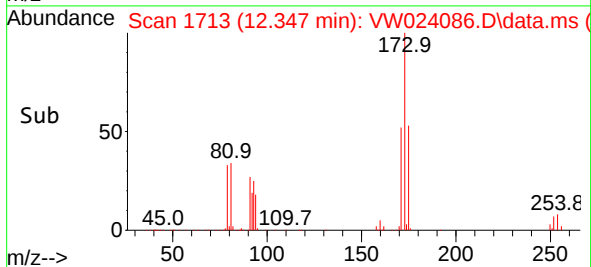
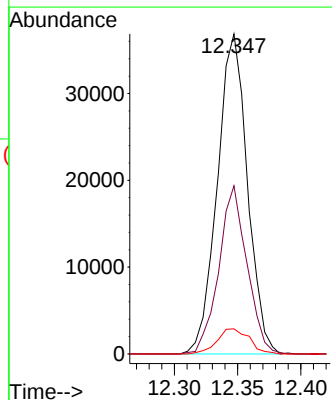
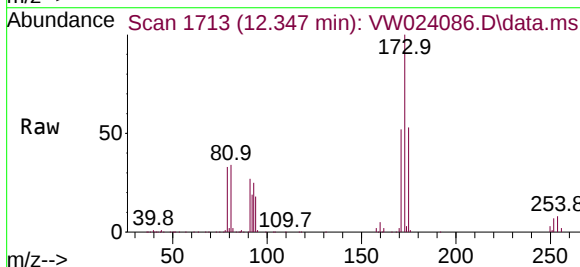
Tgt Ion:173 Resp: 60920

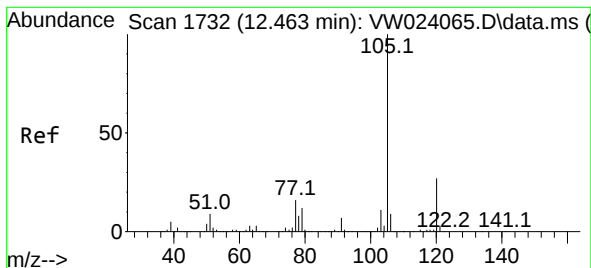
Ion Ratio Lower Upper

173 100

175 49.1 38.4 57.6

254 8.4 7.0 10.4





#60

Isopropylbenzene

Concen: 27.793 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

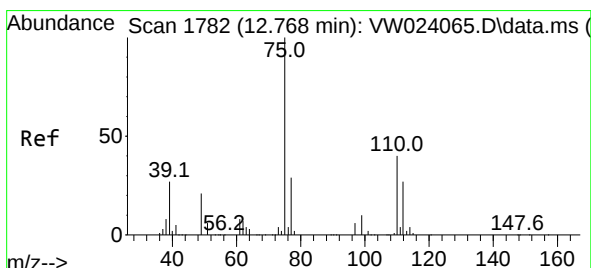
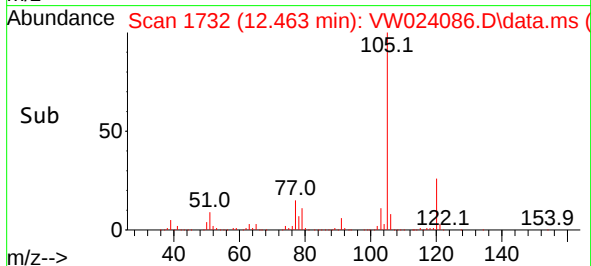
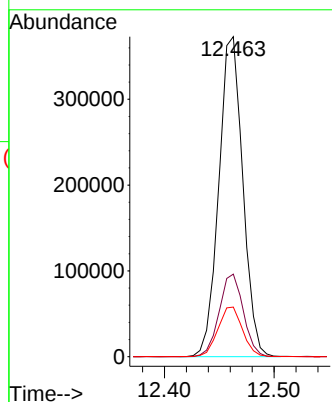
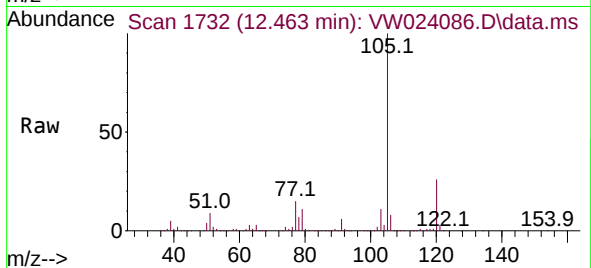
Tgt Ion:105 Resp: 567364

Ion Ratio Lower Upper

105 100

120 26.0 21.1 31.7

77 15.9 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 23.096 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

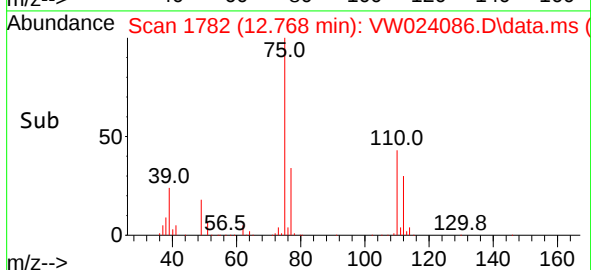
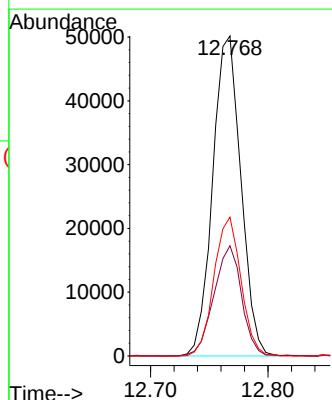
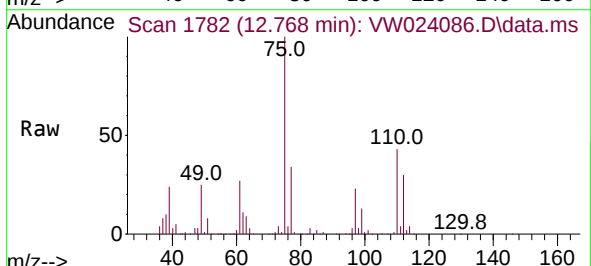
Tgt Ion: 75 Resp: 83666

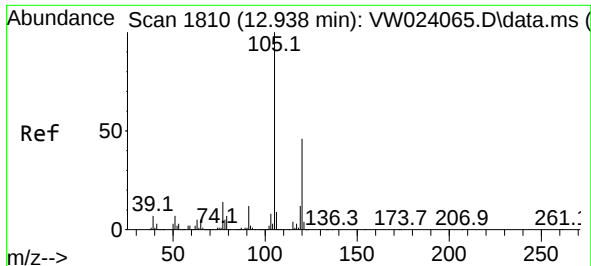
Ion Ratio Lower Upper

75 100

77 33.8 26.1 39.1

110 41.6 33.0 49.4

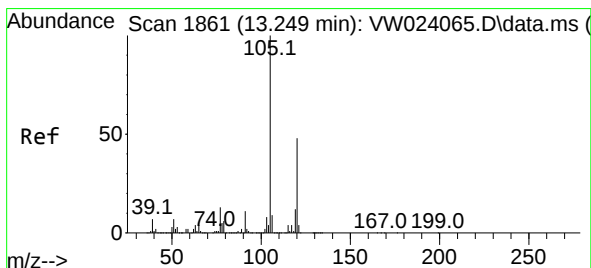
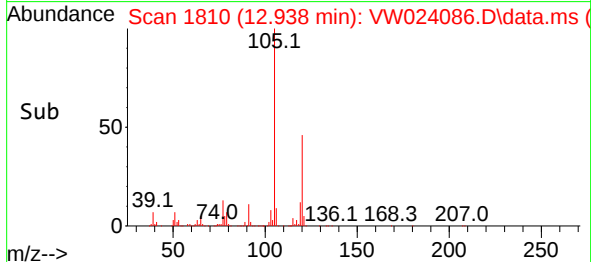
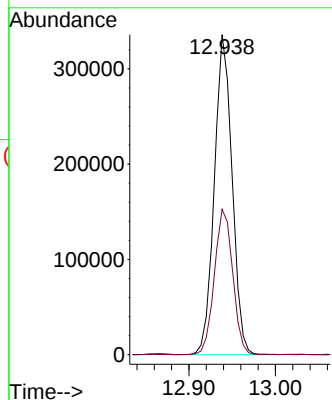
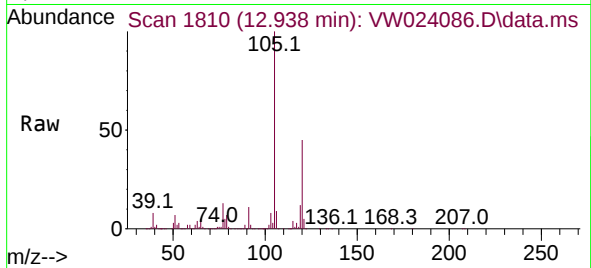




#62
1,3,5-Trimethylbenzene
Concen: 29.121 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

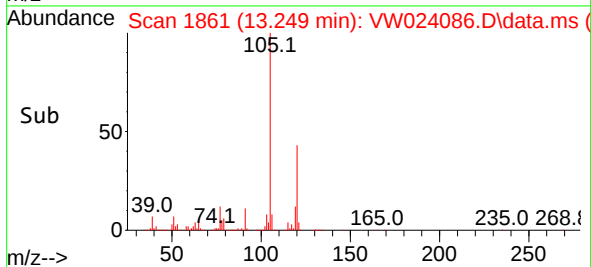
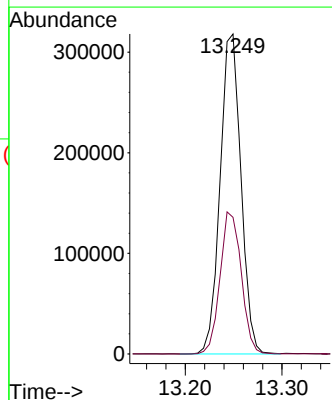
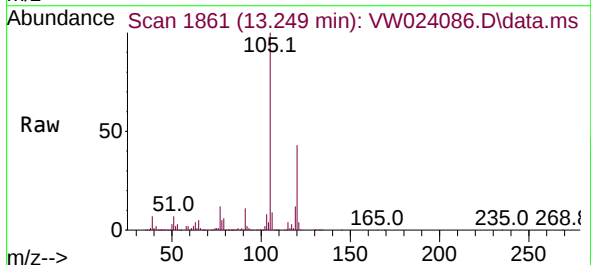
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

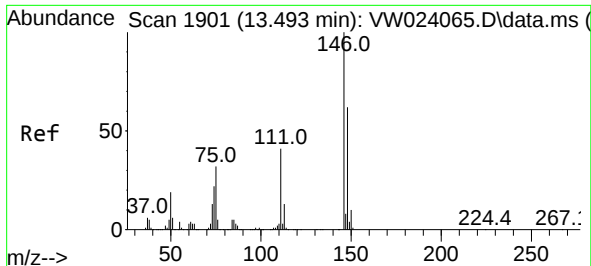
Tgt Ion:105 Resp: 478253
Ion Ratio Lower Upper
105 100
120 47.0 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 28.618 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion:105 Resp: 475694
Ion Ratio Lower Upper
105 100
120 45.1 36.1 54.1

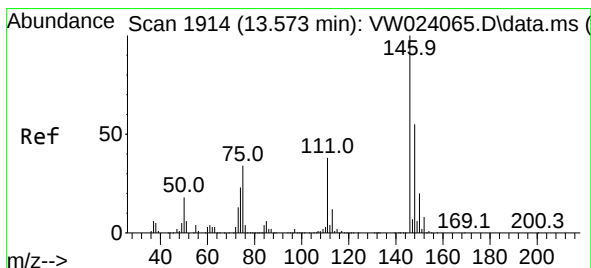
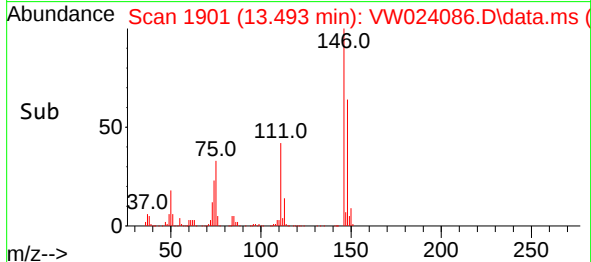
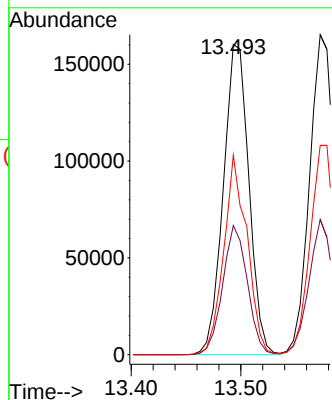
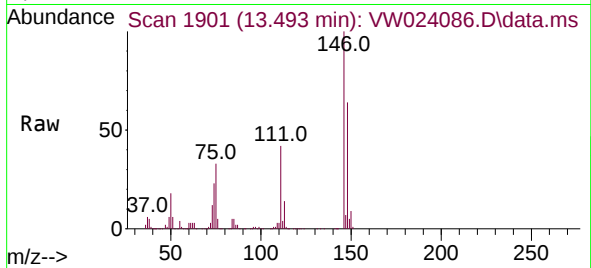




#64
1,3-Dichlorobenzene
Concen: 26.651 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

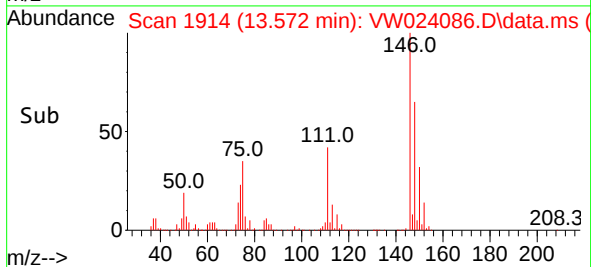
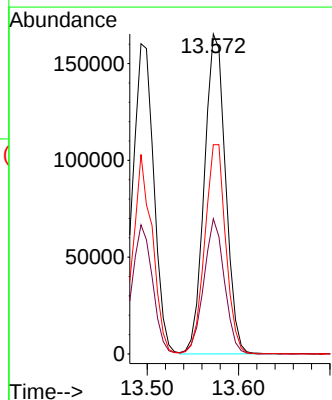
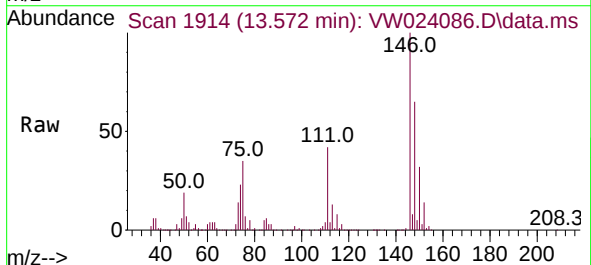
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

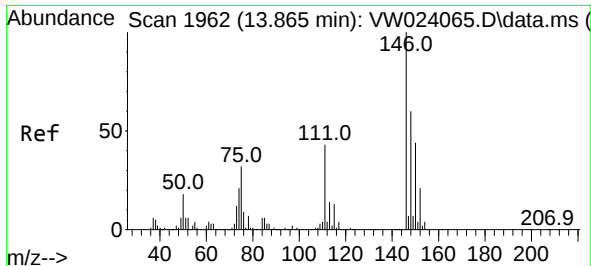
Tgt Ion:146 Resp: 260207
Ion Ratio Lower Upper
146 100
111 41.6 26.4 49.0
148 64.3 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 25.648 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion:146 Resp: 265820
Ion Ratio Lower Upper
146 100
111 42.2 27.9 51.9
148 65.4 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 25.306 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

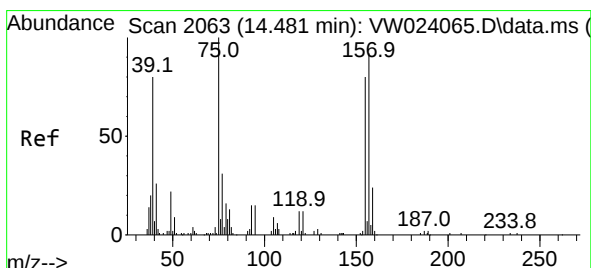
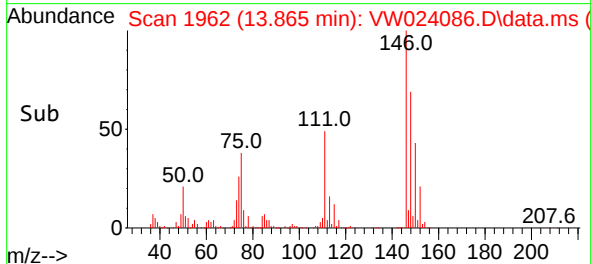
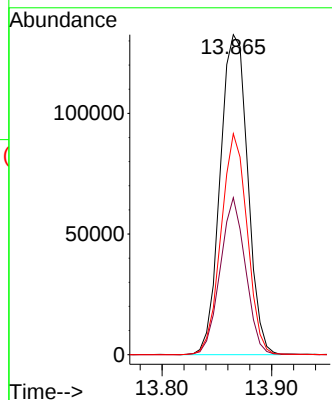
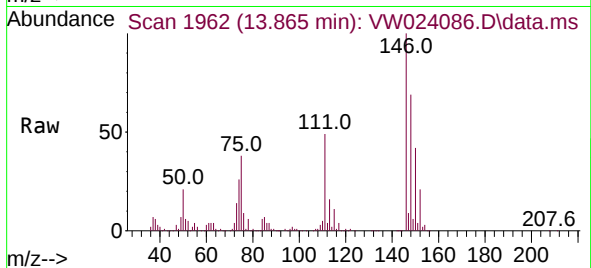
Tgt Ion:146 Resp: 231103

Ion Ratio Lower Upper

146 100

111 49.0 33.9 50.9

148 69.0 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.735 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW024086.D

Acq: 26 Jul 2022 07:56

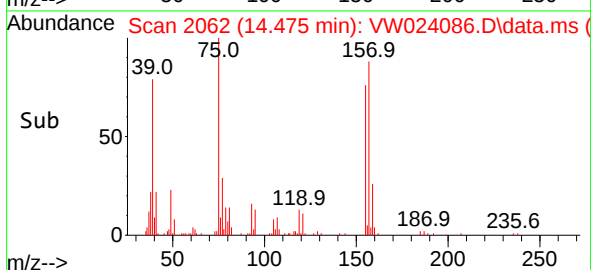
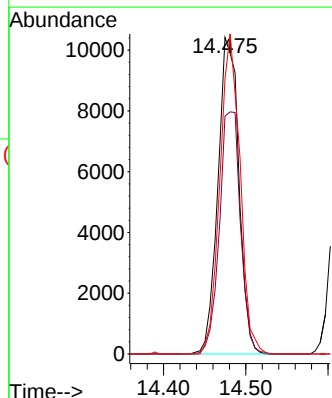
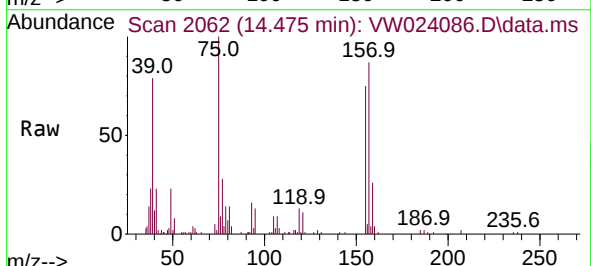
Tgt Ion: 75 Resp: 18402

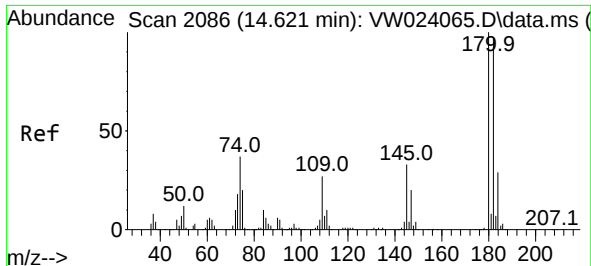
Ion Ratio Lower Upper

75 100

155 75.1 58.6 88.0

157 86.9 64.0 96.0

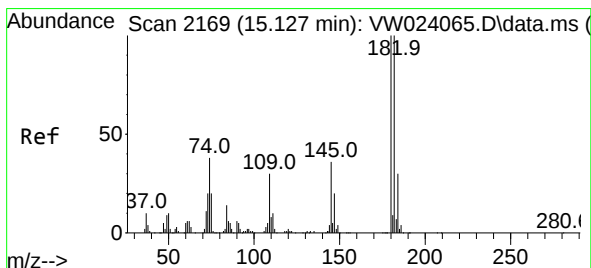
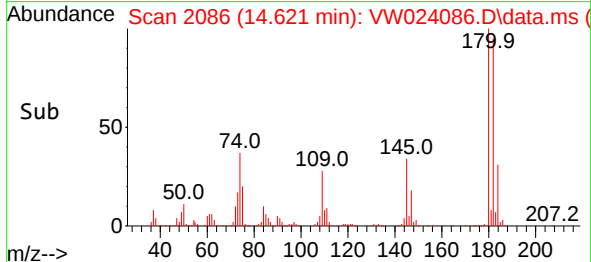
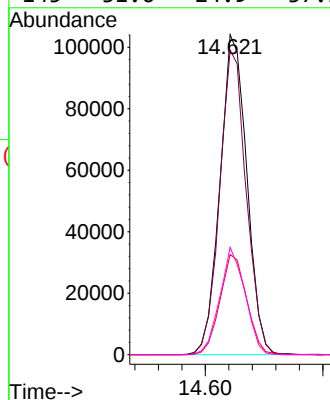
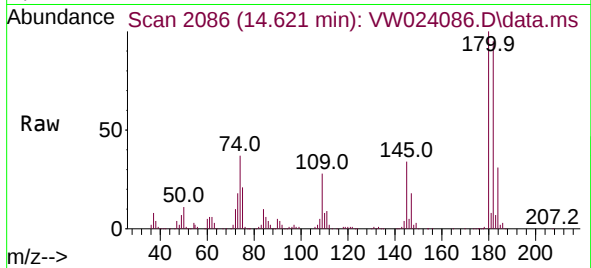




#69
1,3,5-Trichlorobenzene
Concen: 26.496 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

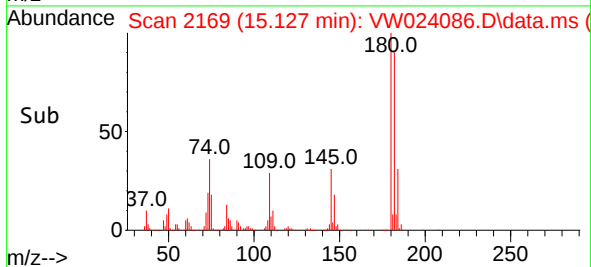
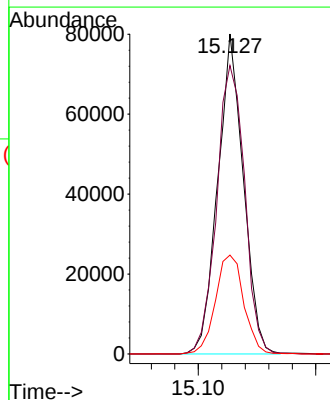
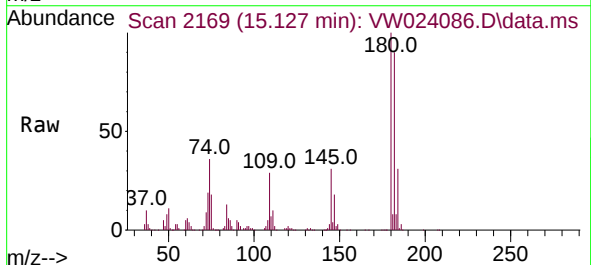
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

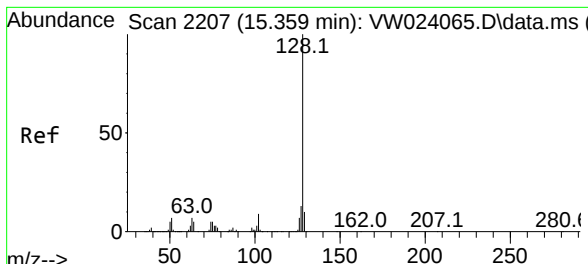
Tgt Ion:180 Resp: 164965
Ion Ratio Lower Upper
180 100
182 94.2 73.9 110.9
184 31.1 23.5 35.3
145 31.6 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 25.680 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion:180 Resp: 121150
Ion Ratio Lower Upper
180 100
182 98.6 72.0 108.0
145 34.1 24.9 37.3



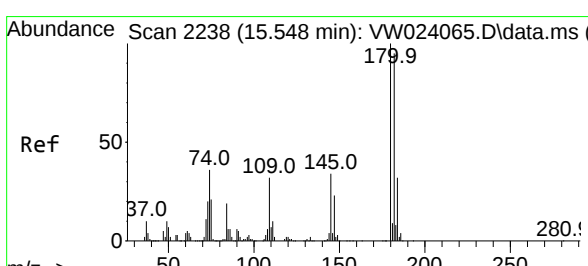
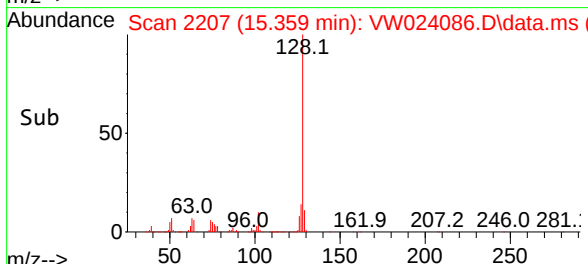
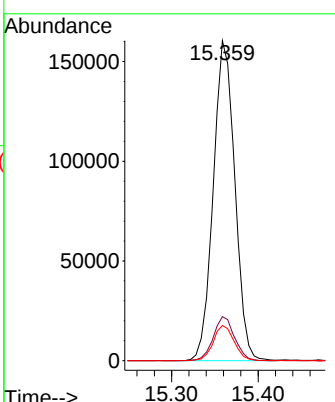
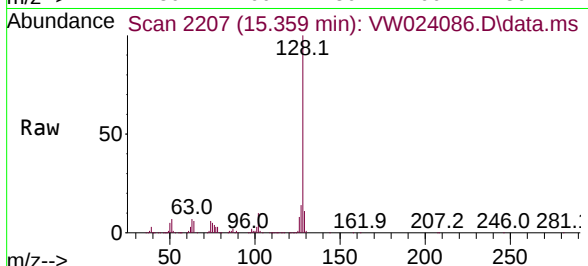


#71
Naphthalene
Concen: 27.505 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

Tgt Ion:128 Resp: 277655

Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	10.7	9.3	13.9



#72
1,2,3-Trichlorobenzene
Concen: 26.198 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW024086.D
Acq: 26 Jul 2022 07:56

Tgt Ion:180 Resp: 116255

Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.8	116.8
145	33.2	27.6	41.4

