

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025131.D
 Acq On : 08 Dec 2022 15:09
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

Quant Time: Dec 08 23:25:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 08 11:34:08 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	425038	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	375587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	188865	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.349	65	127214	25.964	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.840%		
7) Chloroethane-d5		2.879	69	83426	26.369	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.480%		
11) 1,1-Dichloroethene-d2		4.013	63	272237	25.362	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.440%		
21) 2-Butanone-d5		7.074	46	64847	52.718	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.440%		
24) Chloroform-d		7.647	84	275373	25.099	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.400%		
26) 1,2-Dichloroethane-d4		8.305	65	143143	25.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.920%		
32) Benzene-d6		8.268	84	562222	25.525	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.120%		
36) 1,2-Dichloropropane-d6		9.274	67	162345	25.331	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.320%		
41) Toluene-d8		10.323	98	514647	25.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.080%		
43) trans-1,3-Dichloroprop...		10.573	79	69329	25.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.440%		
47) 2-Hexanone-d5		10.920	63	54218	57.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 115.320%		
56) 1,1,2,2-Tetrachloroeth...		12.688	84	122317	25.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 103.360%		
66) 1,2-Dichlorobenzene-d4		13.853	152	166314	25.980	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.920%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane		2.001	85	75127	29.165	ug/L	99
3) Chloromethane		2.209	50	110218	24.300	ug/L	98
5) Vinyl chloride		2.361	62	141240	24.892	ug/L	99
6) Bromomethane		2.776	94	72265	24.579	ug/L	91
8) Chloroethane		2.916	64	67327	25.654	ug/L	98
9) Trichlorofluoromethane		3.257	101	105026	24.699	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		4.056	101	137847	24.542	ug/L	98
12) 1,1-Dichloroethene		4.031	96	131905	24.632	ug/L	89
13) Acetone		4.117	43	62879	49.729	ug/L	99
14) Carbon disulfide		4.379	76	413924	24.212	ug/L	99
15) Methyl Acetate		4.665	43	53992	26.161	ug/L	98
16) Methylene chloride		4.909	84	157588	23.722	ug/L	99
17) trans-1,2-Dichloroethene		5.421	96	139632	24.597	ug/L	99
18) Methyl tert-butyl Ether		5.428	73	211348	25.091	ug/L	99
19) 1,1-Dichloroethane		6.214	63	254790	24.839	ug/L	99
20) cis-1,2-Dichloroethene		7.165	96	148978	24.819	ug/L	96
22) 2-Butanone		7.165	43	80260	50.454	ug/L	99
23) Bromochloromethane		7.513	128	63885	25.151	ug/L	98
25) Chloroform		7.671	83	256917	24.751	ug/L	99

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 Response via : Initial Calibration

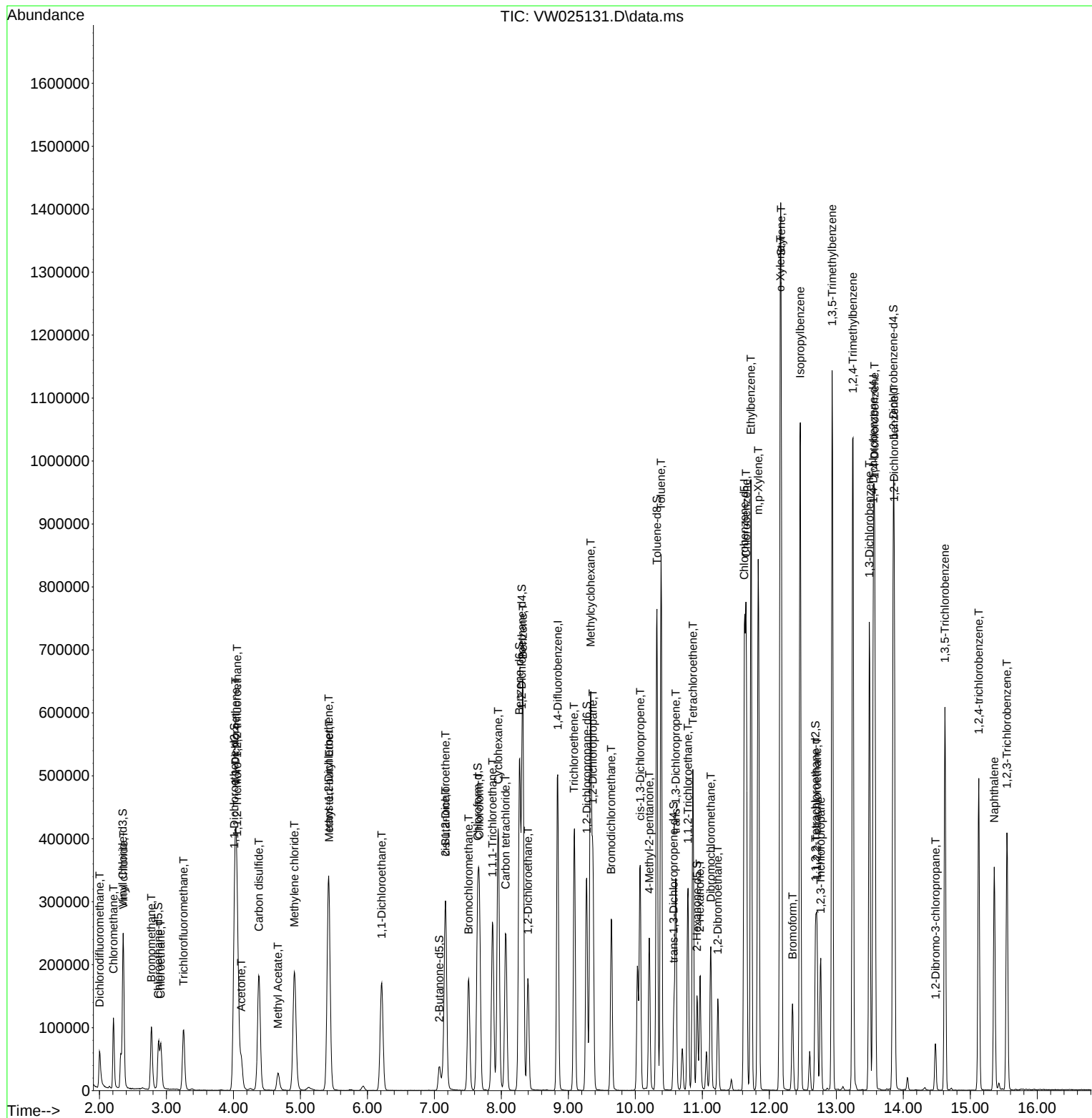
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	165182	25.275	ug/L	98
29) Cyclohexane	7.951	56	240433	25.281	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	219128	24.716	ug/L	100
31) Carbon tetrachloride	8.061	117	195382	23.967	ug/L	99
33) Benzene	8.323	78	576003	24.757	ug/L	100
34) Trichloroethene	9.085	95	148551	24.374	ug/L	97
35) Methylcyclohexane	9.335	83	264654	24.482	ug/L	98
37) 1,2-Dichloropropane	9.366	63	139578	24.872	ug/L	99
38) Bromodichloromethane	9.640	83	186568	25.166	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	219797	25.634	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	152491	53.009	ug/L	99
42) Toluene	10.384	91	608397	24.957	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	188052	25.609	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	102358	25.560	ug/L	96
46) Tetrachloroethene	10.859	164	105946	23.880	ug/L	88
48) 2-Hexanone	10.963	43	113550	54.041	ug/L	99
49) Dibromochloromethane	11.128	129	121882	25.342	ug/L	95
50) 1,2-Dibromoethane	11.231	107	96409	25.857	ug/L	98
51) Chlorobenzene	11.652	112	386927	24.801	ug/L	99
52) Ethylbenzene	11.725	91	690251	24.986	ug/L	97
53) m,p-Xylene	11.835	106	264130	25.036	ug/L	96
54) o-Xylene	12.164	106	255927	25.454	ug/L	96
55) Styrene	12.176	104	432206	25.383	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	118781	25.362	ug/L	98
59) Bromoform	12.347	173	62955	24.273	ug/L	98
60) Isopropylbenzene	12.463	105	696255	24.050	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	88643	24.418	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	603599	24.341	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	586896	24.362	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	287974	24.298	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	297084	24.891	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	262449	25.392	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	20361	24.056	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	176800	21.009	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	147953	21.912	ug/L	95
71) Naphthalene	15.359	128	301014	22.741	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	129525	21.889	ug/L	97

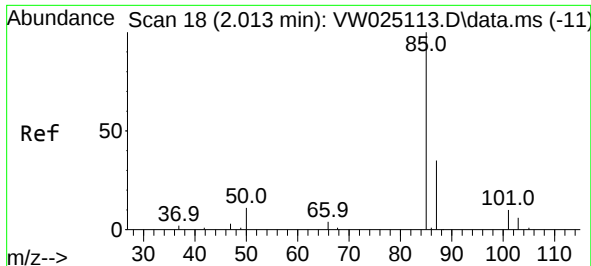
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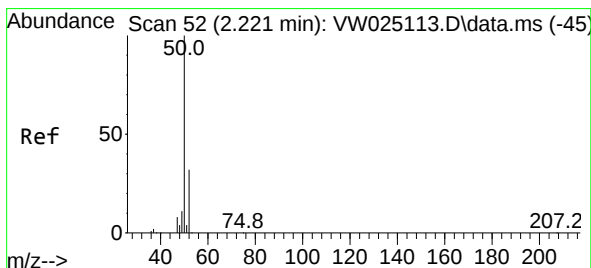
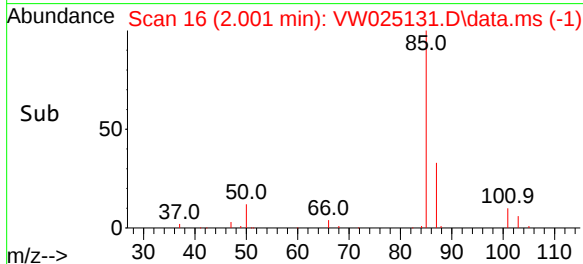
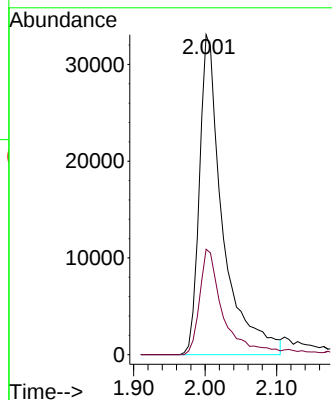
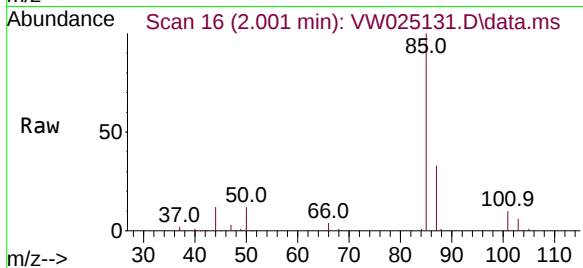




#2
 Dichlorodifluoromethane
 Concen: 29.165 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: VW025131.D
 Acq: 08 Dec 2022 15:09

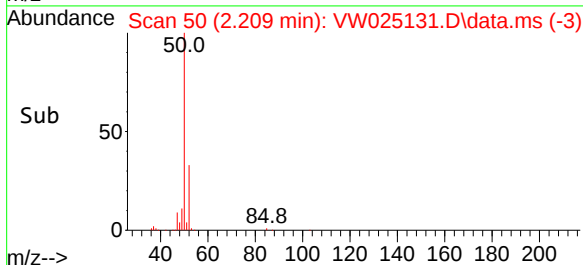
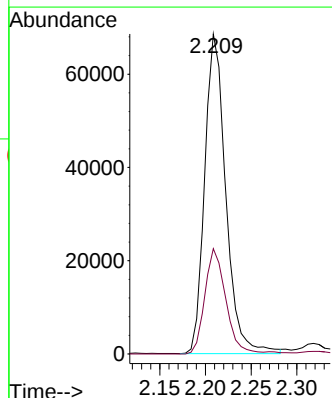
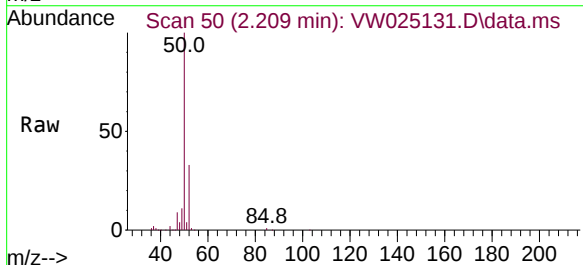
Instrument :
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 ClientSampleId :
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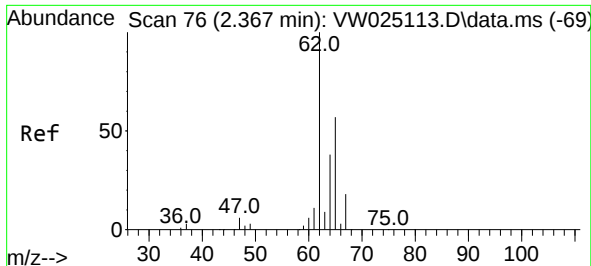
Tgt Ion: 85 Resp: 75127
 Ion Ratio Lower Upper
 85 100
 87 30.7 25.0 37.6



#3
 Chloromethane
 Concen: 24.300 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.012 min
 Lab File: VW025131.D
 Acq: 08 Dec 2022 15:09

Tgt Ion: 50 Resp: 110218
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.1 41.1

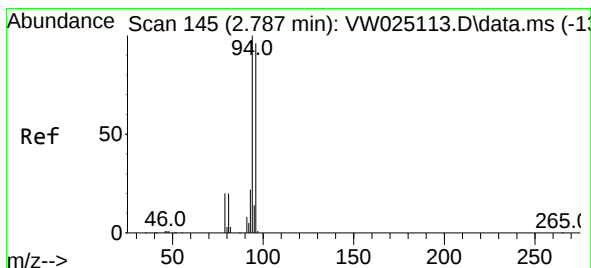
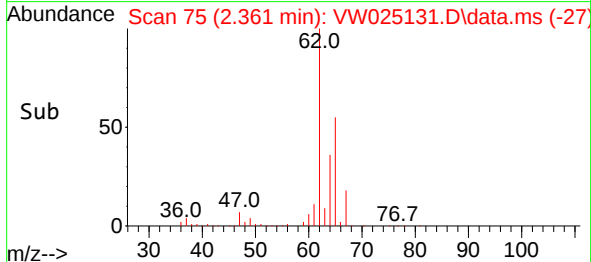
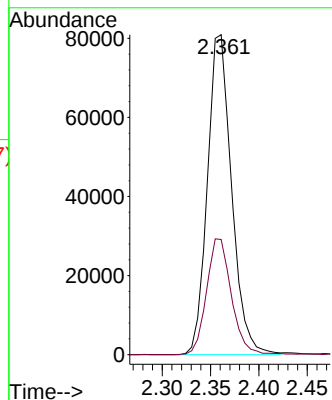
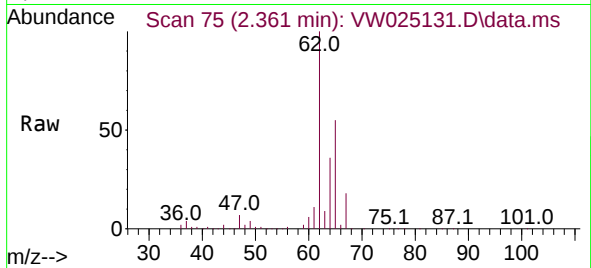




#5
 Vinyl chloride
 Concen: 24.892 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW025131.D
 Acq: 08 Dec 2022 15:09

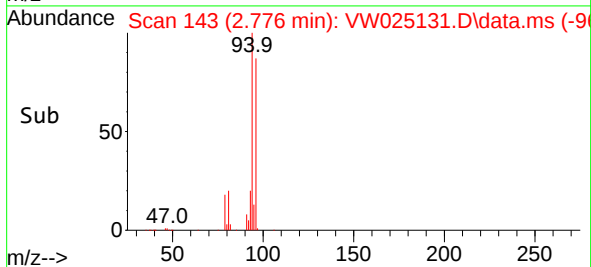
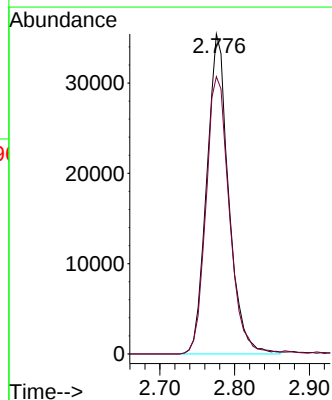
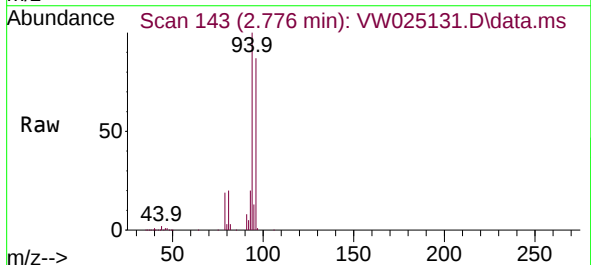
Instrument :
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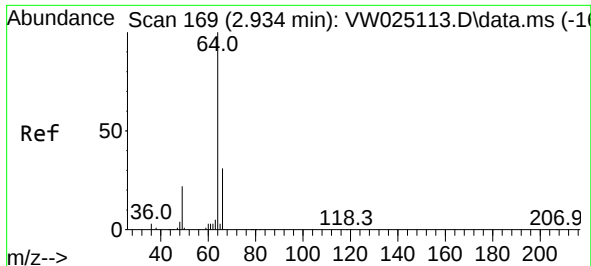
Tgt Ion: 62 Resp: 141240
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.8 46.1



#6
 Bromomethane
 Concen: 24.579 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.011 min
 Lab File: VW025131.D
 Acq: 08 Dec 2022 15:09

Tgt Ion: 94 Resp: 72265
 Ion Ratio Lower Upper
 94 100
 96 86.7 66.7 123.9

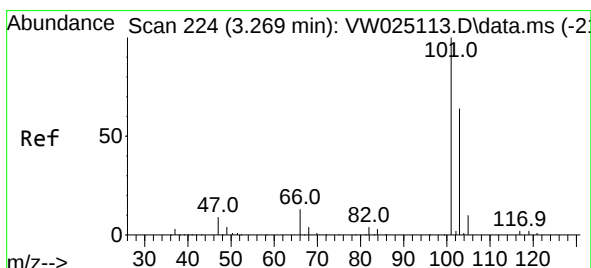
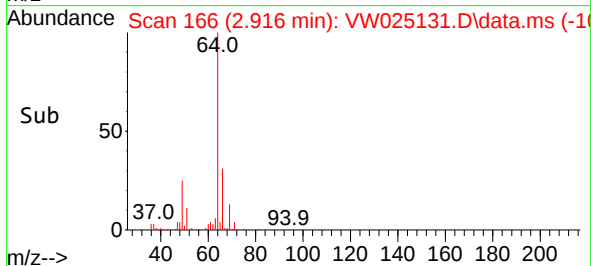
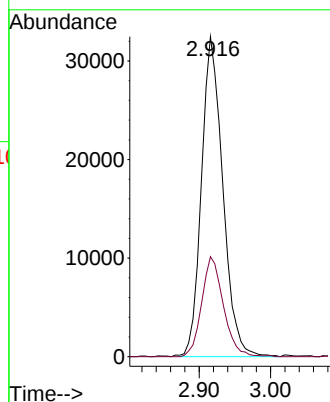
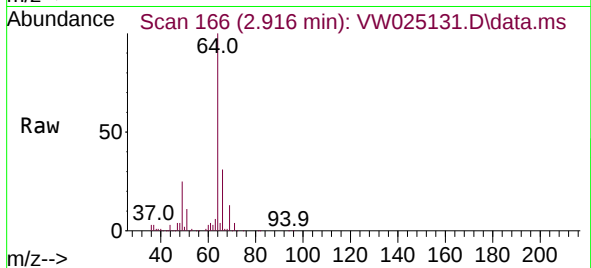




#8
Chloroethane
Concen: 25.654 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.018 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

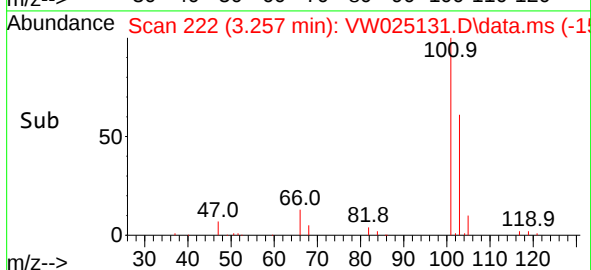
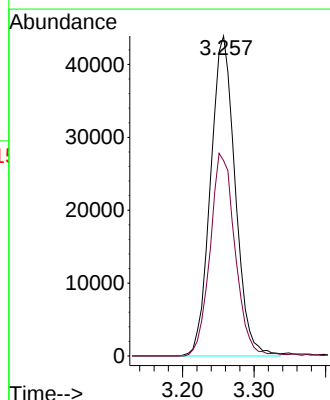
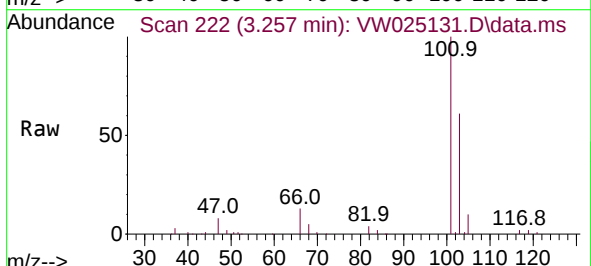
Instrument :
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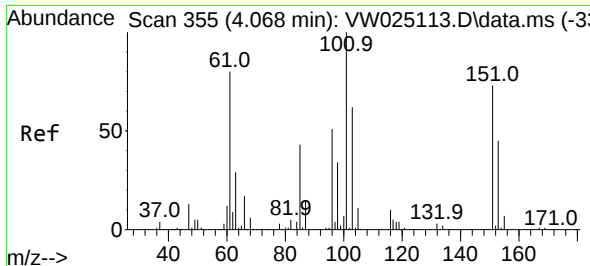
Tgt Ion: 64 Resp: 67327
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 24.699 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion: 101 Resp: 105026
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3

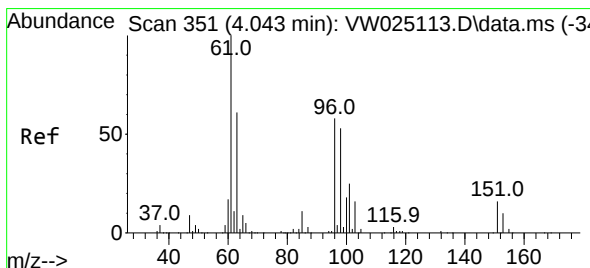
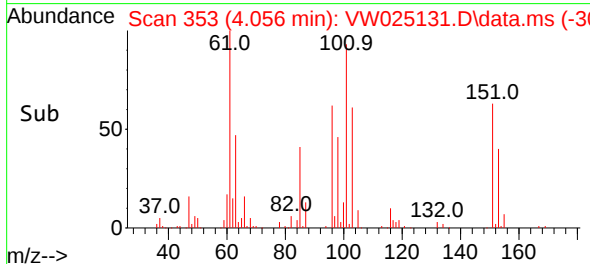
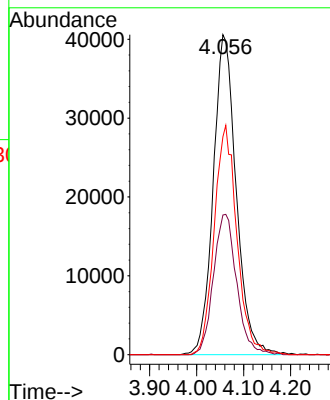
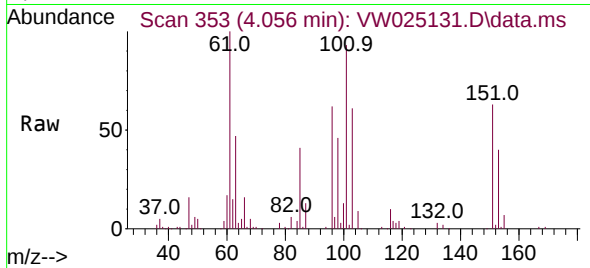




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.542 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW025131.D
 Acq: 08 Dec 2022 15:09

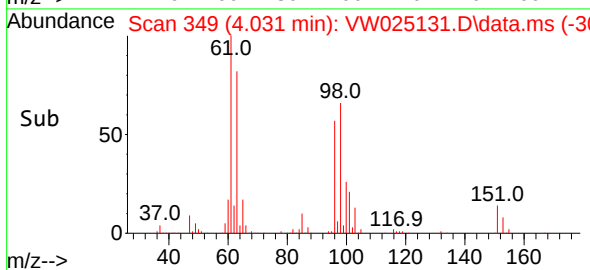
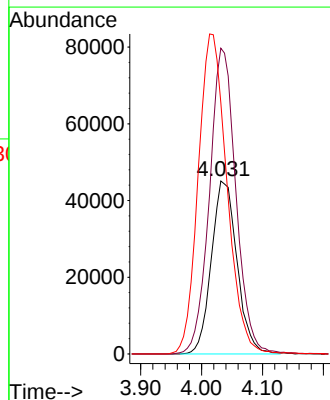
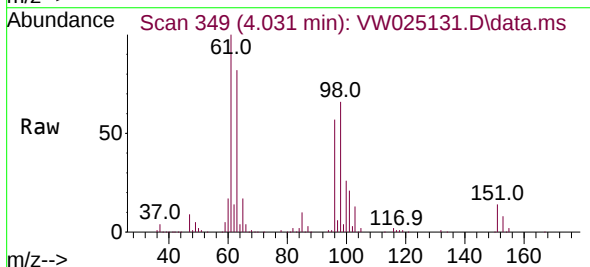
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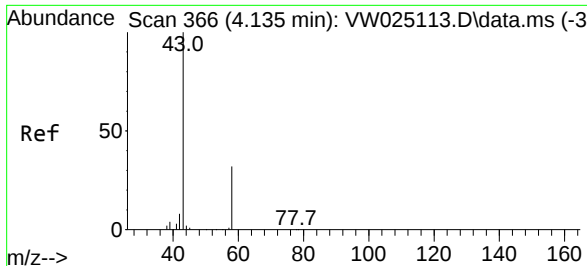
Tgt Ion:101 Resp: 137847
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.6 52.0
 151 69.7 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 24.632 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.012 min
 Lab File: VW025131.D
 Acq: 08 Dec 2022 15:09

Tgt Ion: 96 Resp: 131905
 Ion Ratio Lower Upper
 96 100
 61 176.7 120.8 224.4
 63 145.1 84.1 156.1





#13

Acetone

Concen: 49.729 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

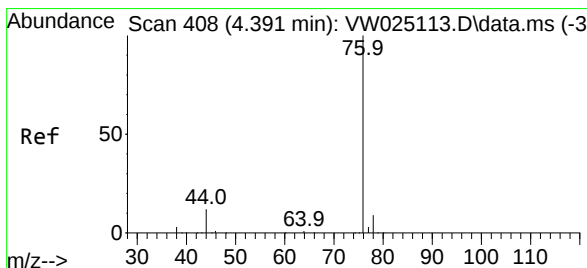
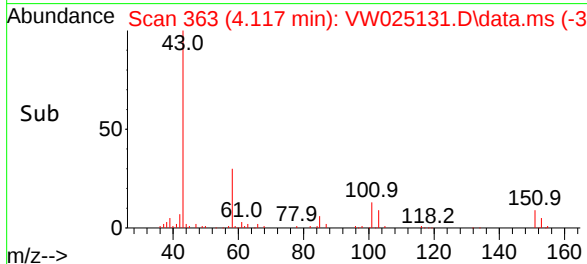
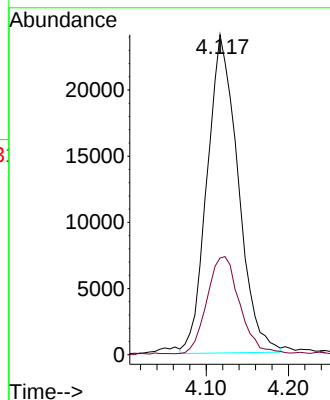
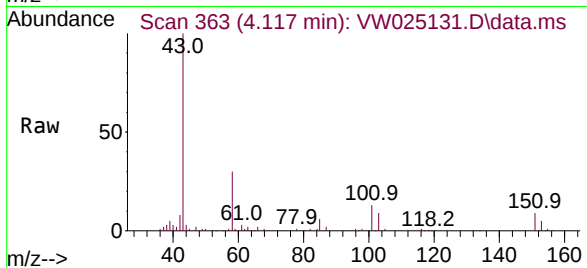
VSTD025507

Tgt Ion: 43 Resp: 62879

Ion Ratio Lower Upper

43 100

58 33.1 0.0 65.2



#14

Carbon disulfide

Concen: 24.212 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.012 min

Lab File: VW025131.D

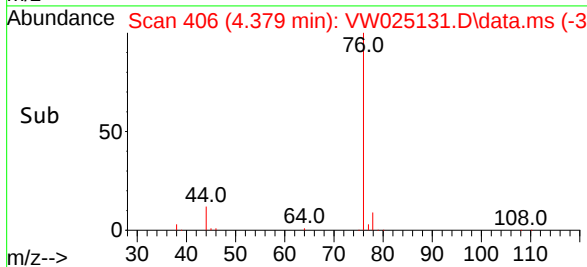
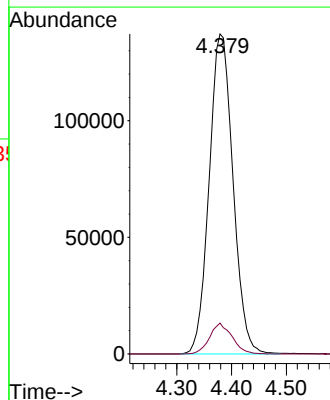
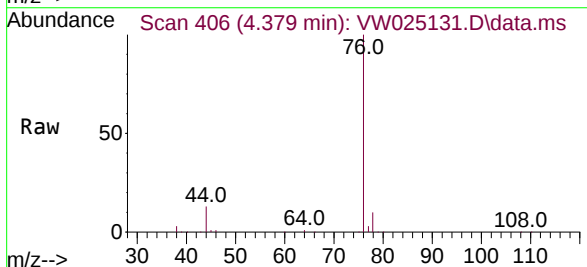
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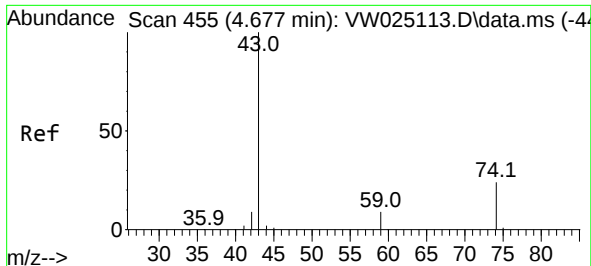
Tgt Ion: 76 Resp: 413924

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

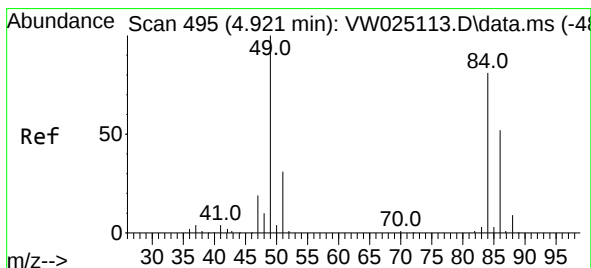
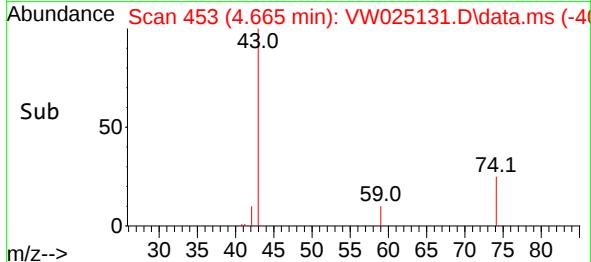
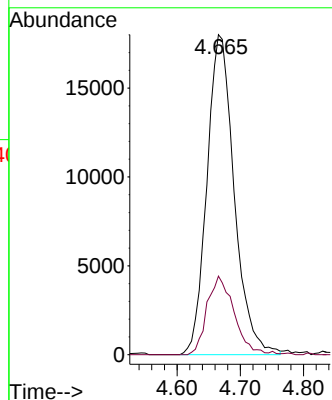
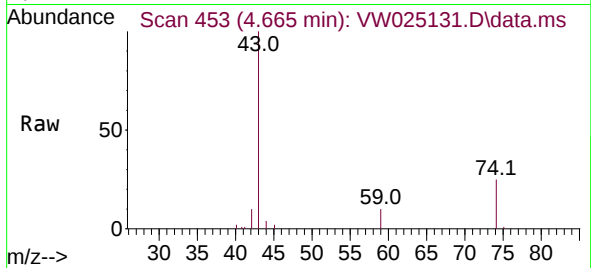




#15
Methyl Acetate
Concen: 26.161 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

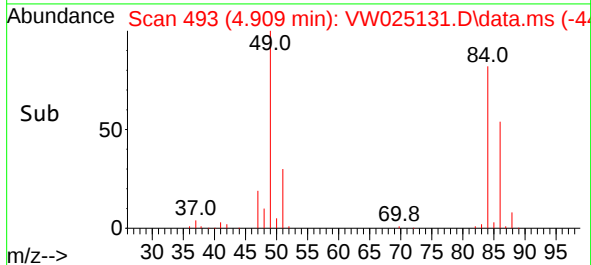
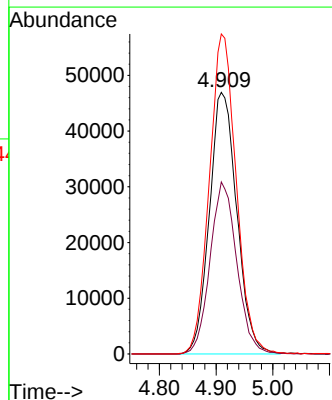
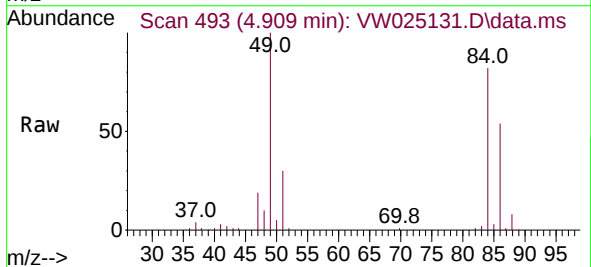
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

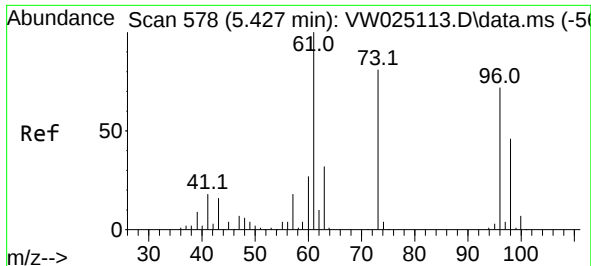
Tgt Ion: 43 Resp: 53992
Ion Ratio Lower Upper
43 100
74 23.6 19.5 29.3



#16
Methylene chloride
Concen: 23.722 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion: 84 Resp: 157588
Ion Ratio Lower Upper
84 100
86 65.8 45.0 83.6
49 122.3 86.3 160.3





#17

trans-1,2-Dichloroethene

Concen: 24.597 ug/L

RT: 5.421 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

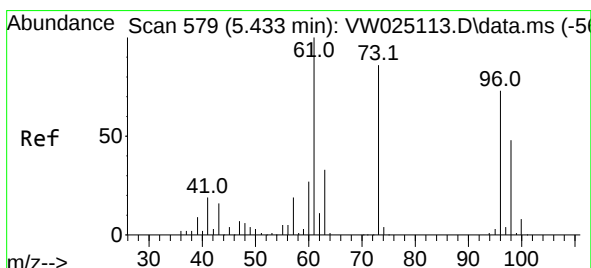
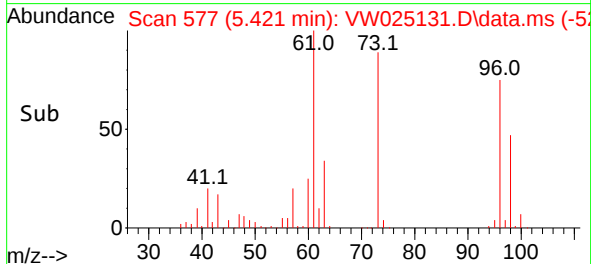
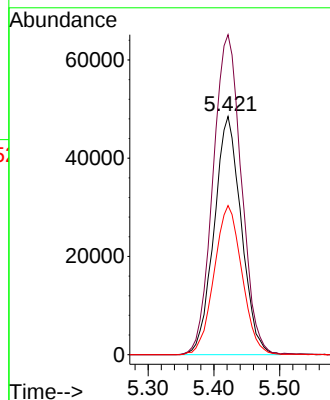
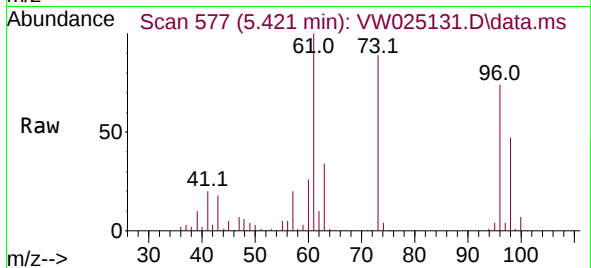
Tgt Ion: 96 Resp: 139632

Ion Ratio Lower Upper

96 100

61 134.3 95.5 177.3

98 62.6 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 25.091 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

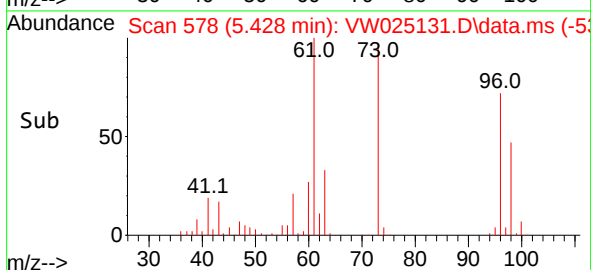
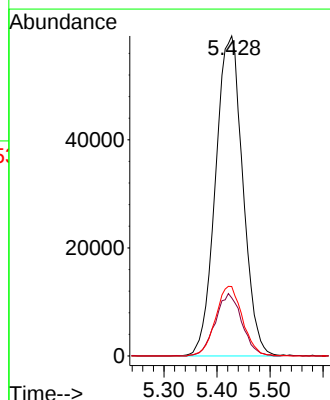
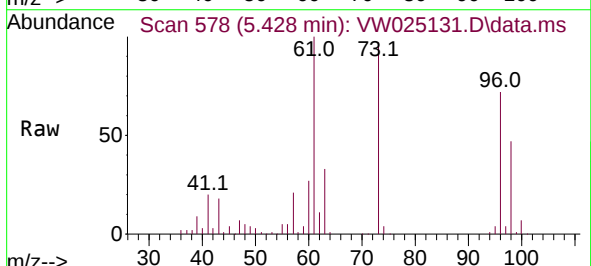
Tgt Ion: 73 Resp: 211348

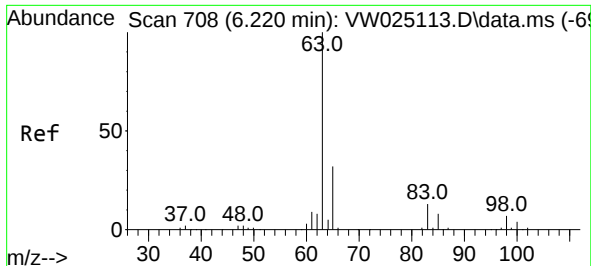
Ion Ratio Lower Upper

73 100

43 19.0 15.6 23.4

57 21.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 24.839 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

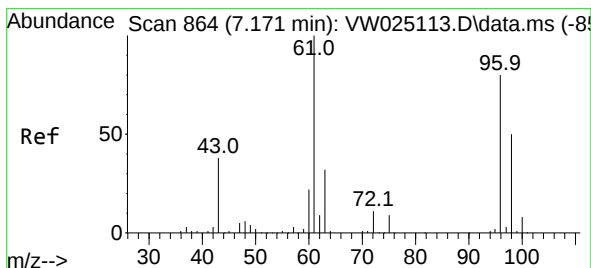
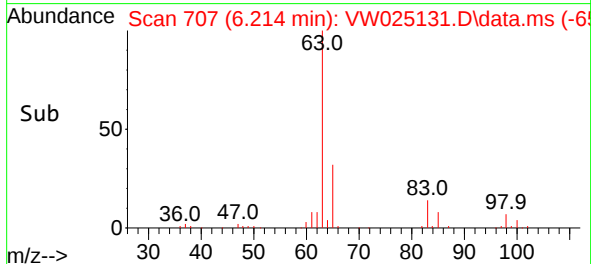
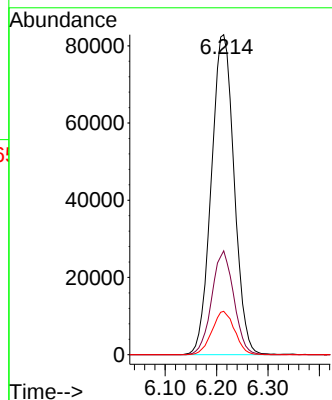
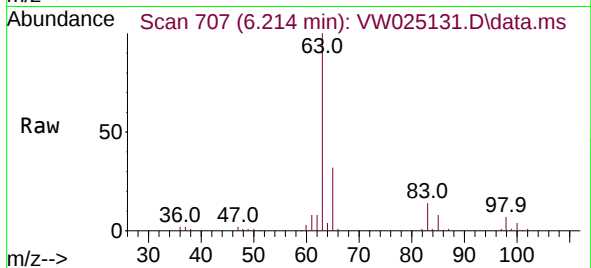
Tgt Ion: 63 Resp: 254790

Ion Ratio Lower Upper

63 100

65 32.4 22.2 41.2

83 13.6 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 24.819 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

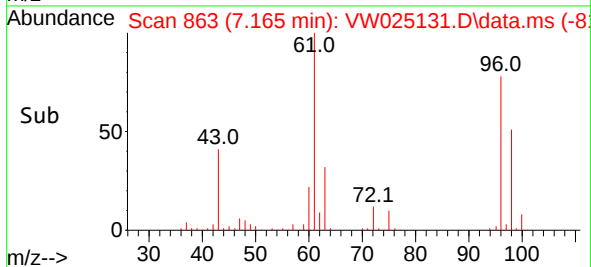
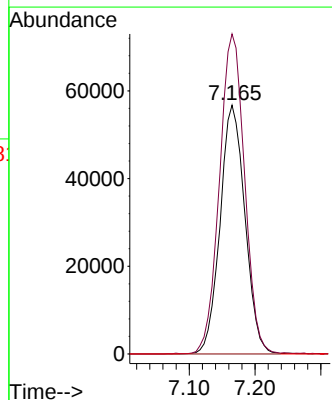
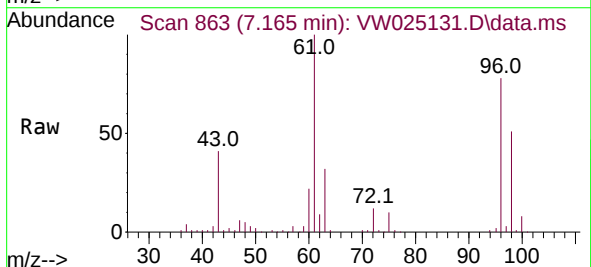
Tgt Ion: 96 Resp: 148978

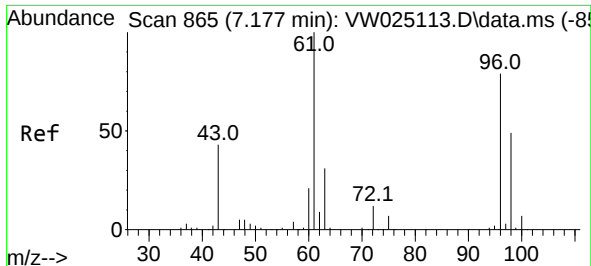
Ion Ratio Lower Upper

96 100

61 128.6 93.7 173.9

68 0.0 0.0 0.0

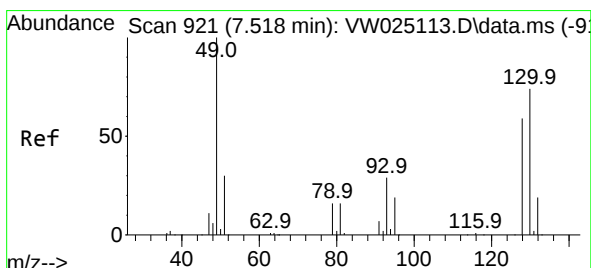
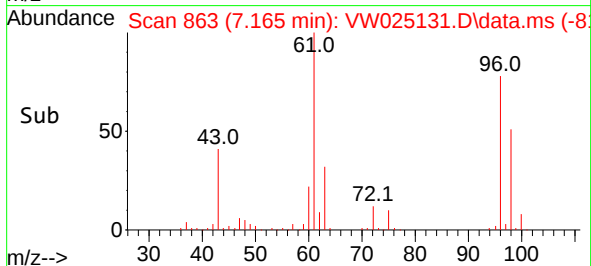
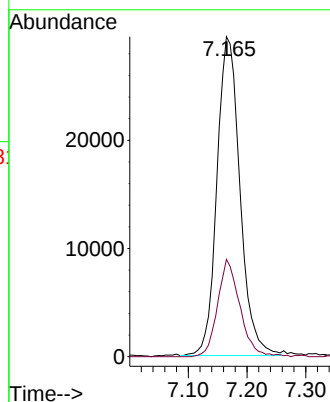
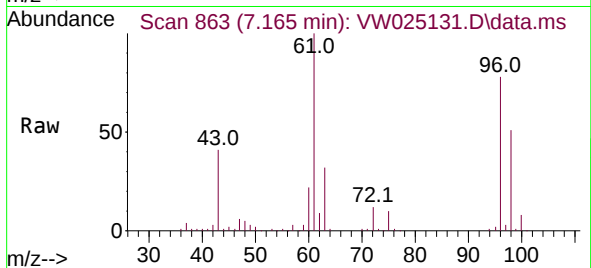




#22
2-Butanone
Concen: 50.454 ug/L
RT: 7.165 min Scan# 80
Delta R.T. -0.012 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

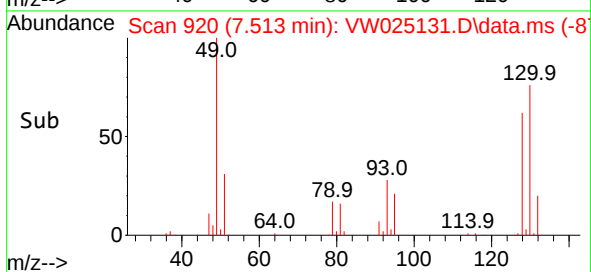
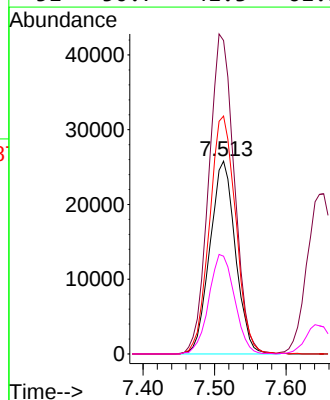
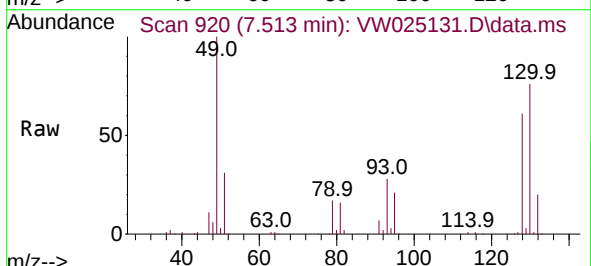
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

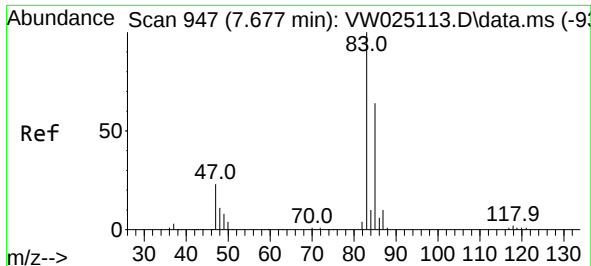
Tgt Ion: 43 Resp: 80260
Ion Ratio Lower Upper
43 100
72 29.4 15.0 45.0



#23
Bromochloromethane
Concen: 25.151 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion: 128 Resp: 63885
Ion Ratio Lower Upper
128 100
49 162.6 114.1 211.9
130 123.4 89.0 165.2
51 50.7 41.3 61.9

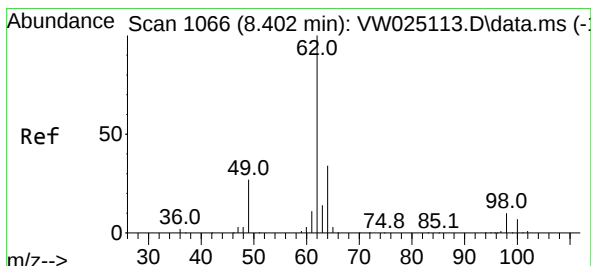
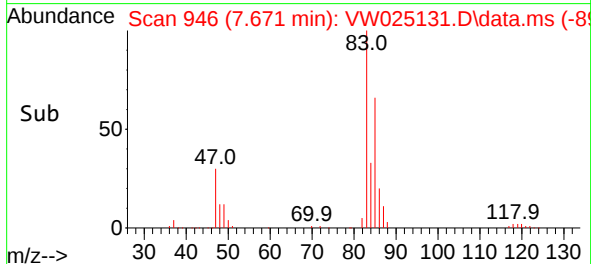
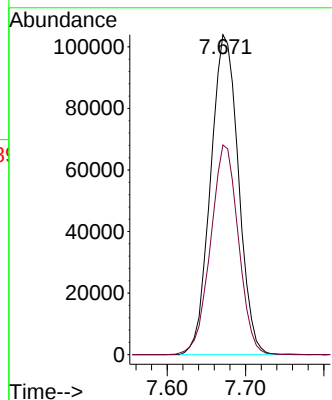
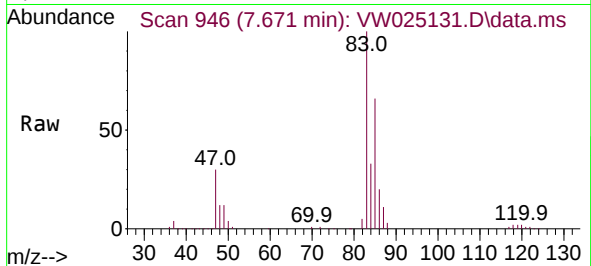




#25
Chloroform
Concen: 24.751 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

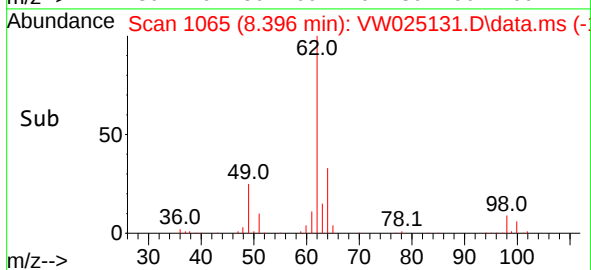
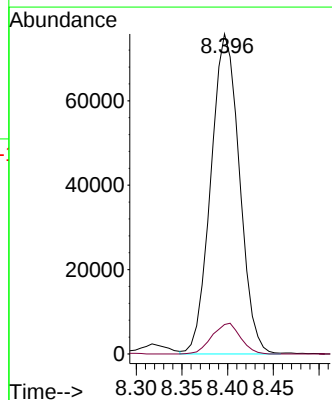
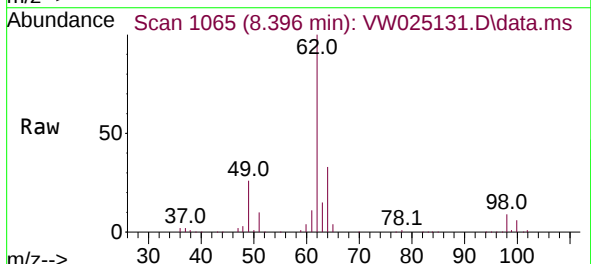
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

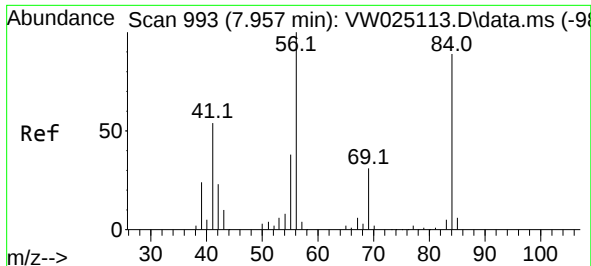
Tgt Ion: 83 Resp: 256917
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.275 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion: 62 Resp: 165182
Ion Ratio Lower Upper
62 100
98 9.2 7.8 11.8

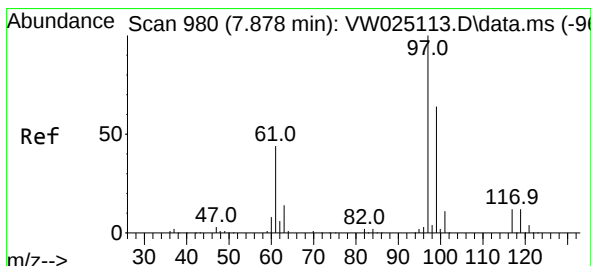
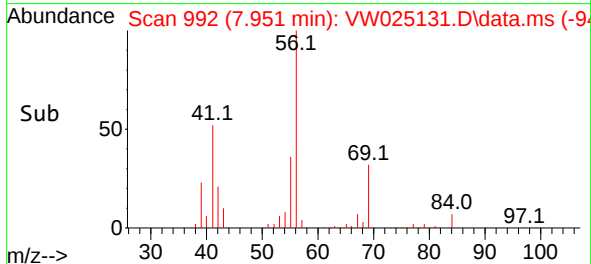
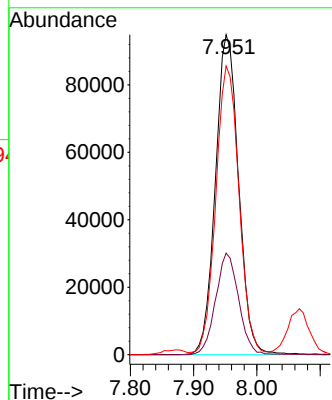
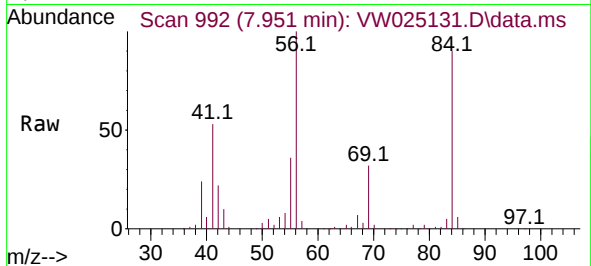




#29
Cyclohexane
Concen: 25.281 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

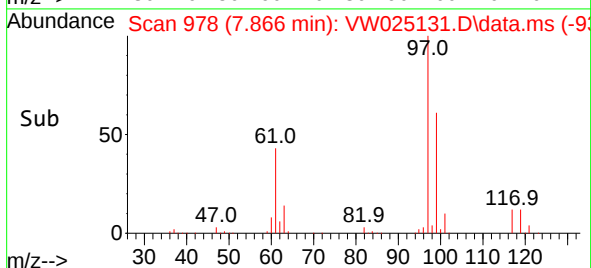
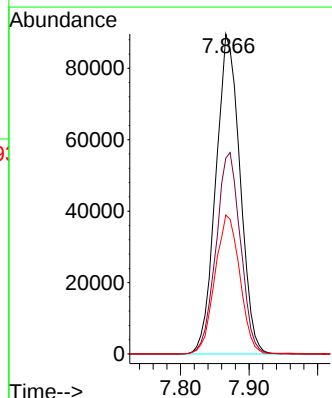
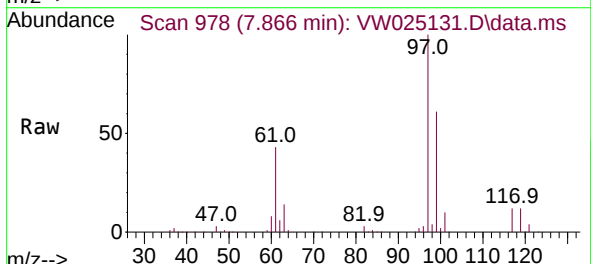
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

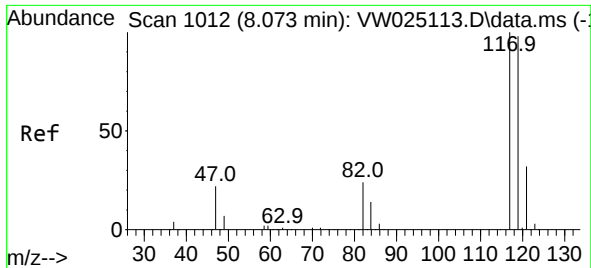
Tgt Ion: 56 Resp: 240433
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.6
84 90.7 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 24.716 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.012 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion: 97 Resp: 219128
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 44.7 35.5 53.3

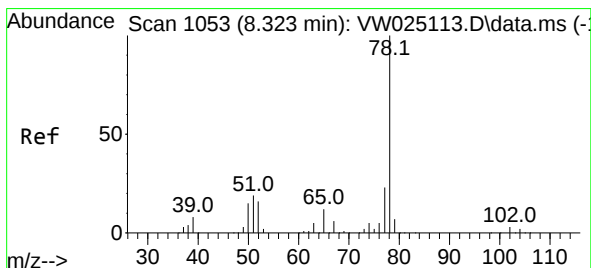
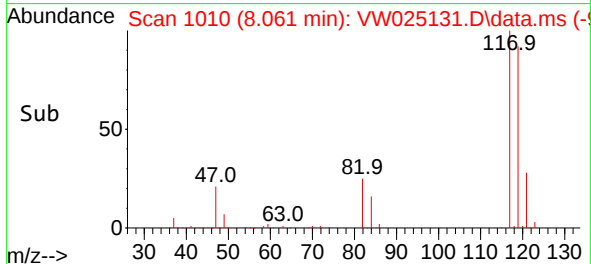
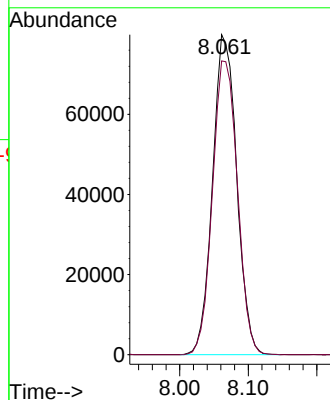
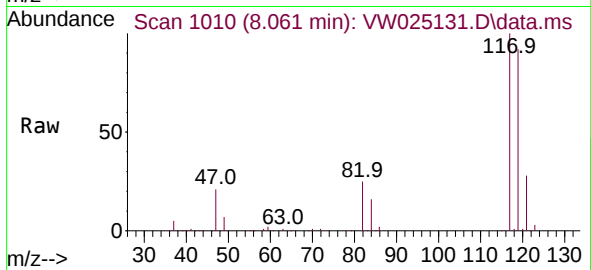




#31
Carbon tetrachloride
Concen: 23.967 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.012 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

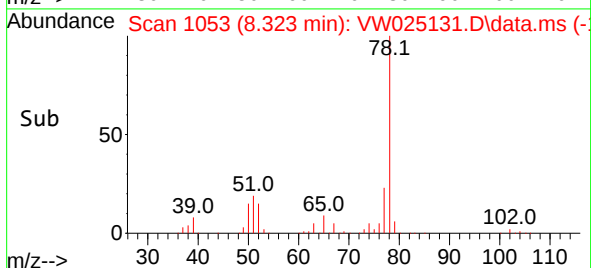
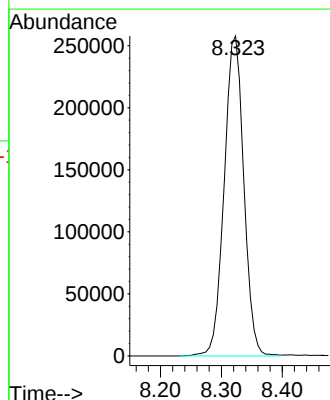
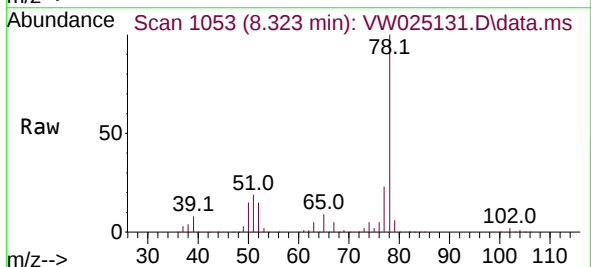
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

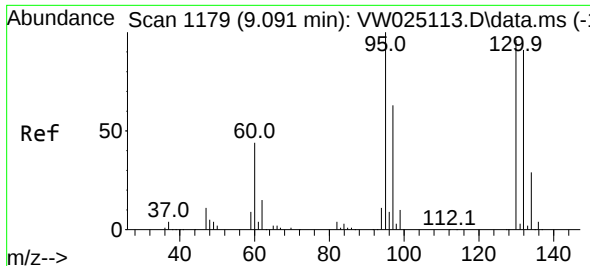
Tgt Ion:117 Resp: 195382
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4



#33
Benzene
Concen: 24.757 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion: 78 Resp: 576003





#34

Trichloroethene

Concen: 24.374 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

Tgt Ion: 95 Resp: 148551

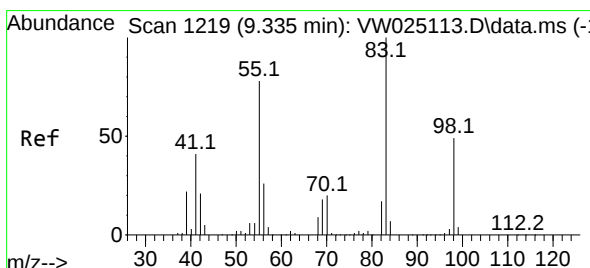
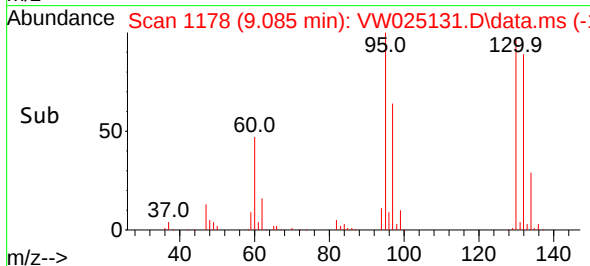
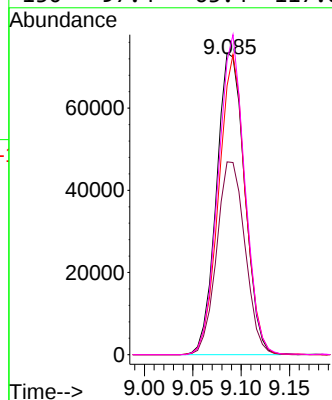
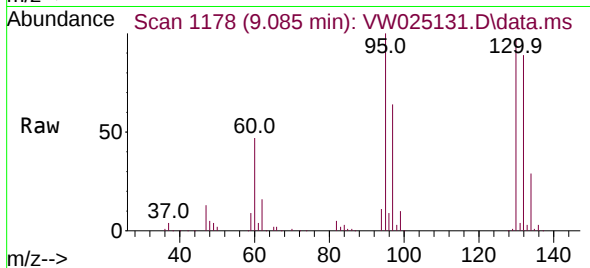
Ion Ratio Lower Upper

95 100

97 63.9 44.3 82.3

132 89.1 63.0 117.0

130 97.4 63.4 117.8



#35

Methylcyclohexane

Concen: 24.482 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

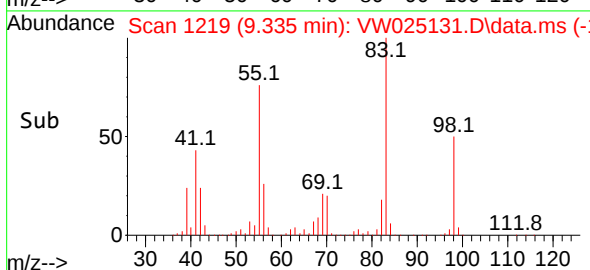
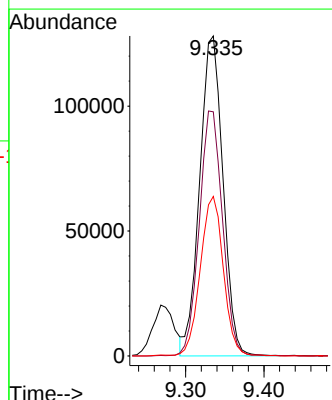
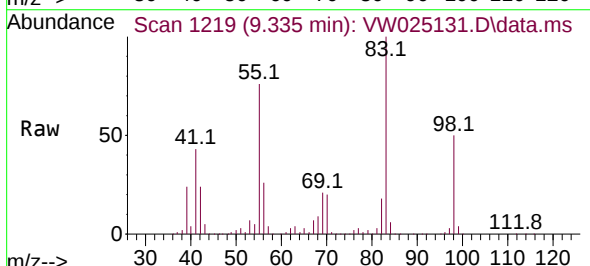
Tgt Ion: 83 Resp: 264654

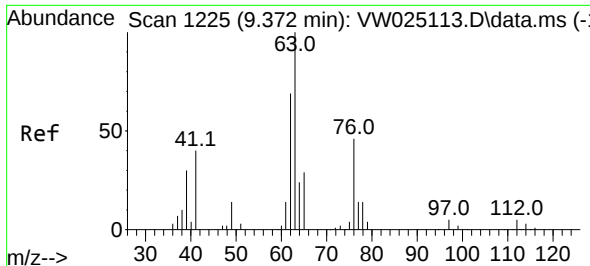
Ion Ratio Lower Upper

83 100

55 76.2 59.3 88.9

98 49.4 38.6 57.8





#37

1,2-Dichloropropane

Concen: 24.872 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

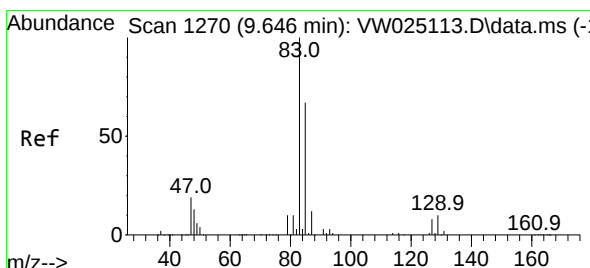
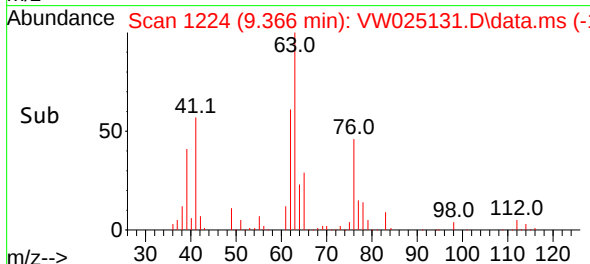
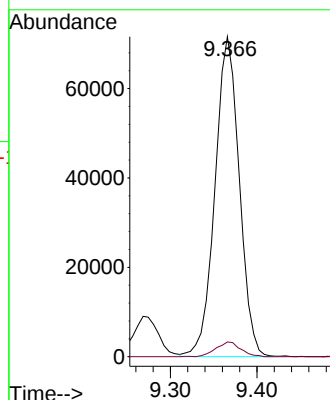
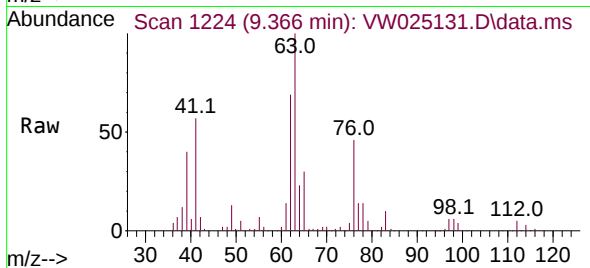
VSTD025507

Tgt Ion: 63 Resp: 139578

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.2



#38

Bromodichloromethane

Concen: 25.166 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

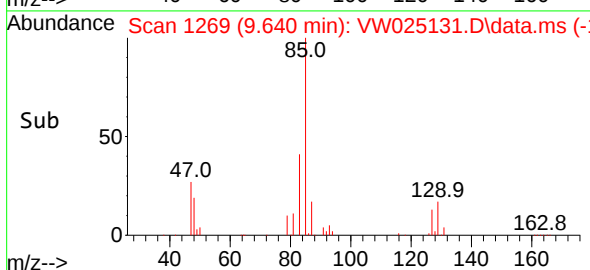
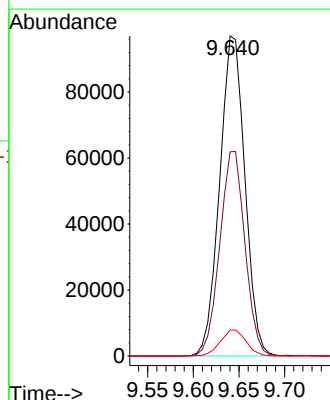
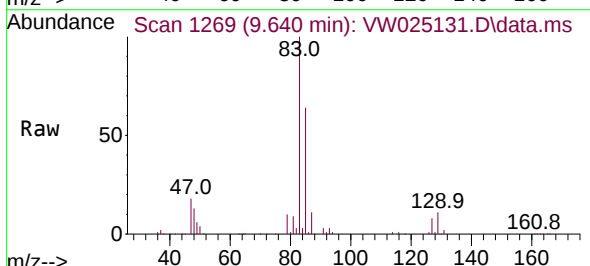
Tgt Ion: 83 Resp: 186568

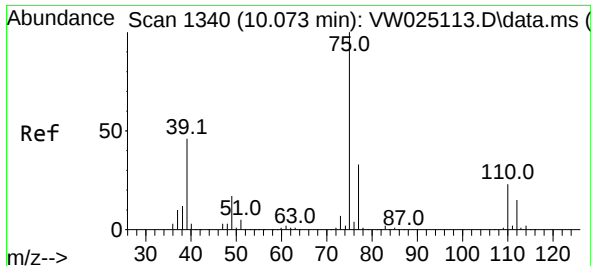
Ion Ratio Lower Upper

83 100

85 63.8 44.2 82.2

127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.634 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

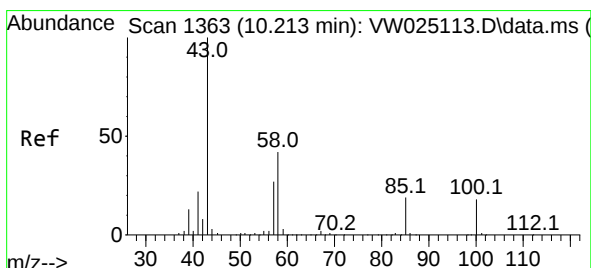
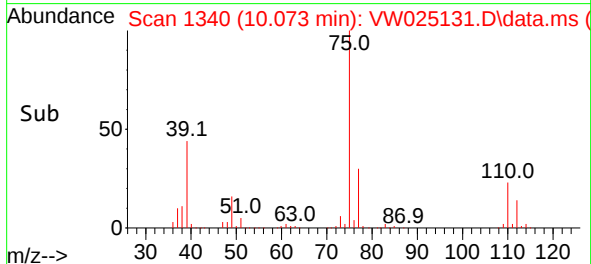
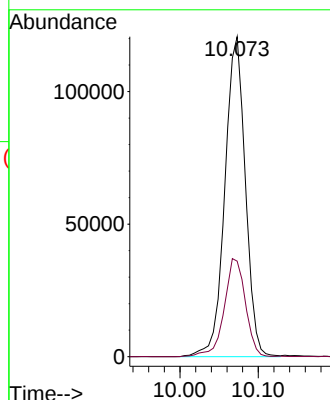
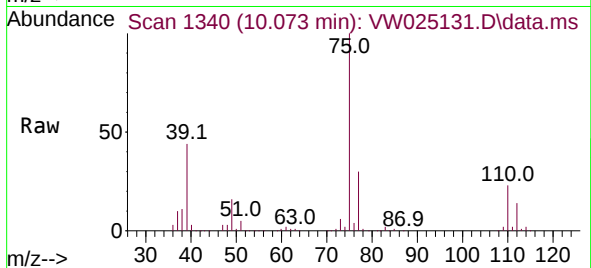
VSTD025507

Tgt Ion: 75 Resp: 219797

Ion Ratio Lower Upper

75 100

77 29.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 53.009 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

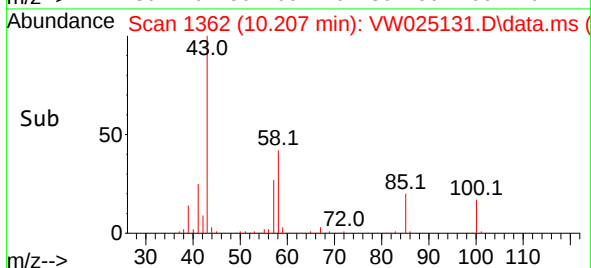
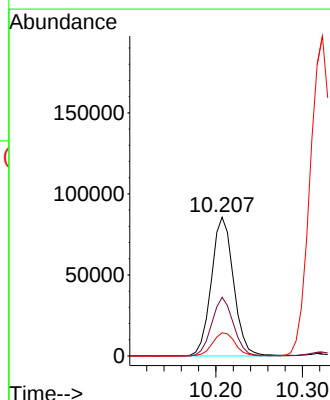
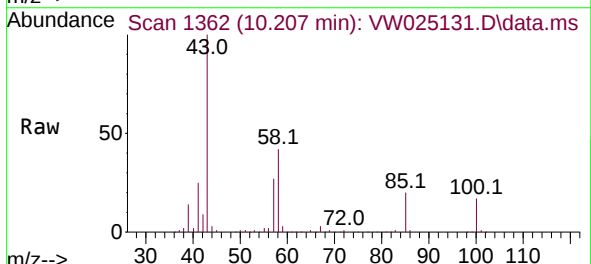
Tgt Ion: 43 Resp: 152491

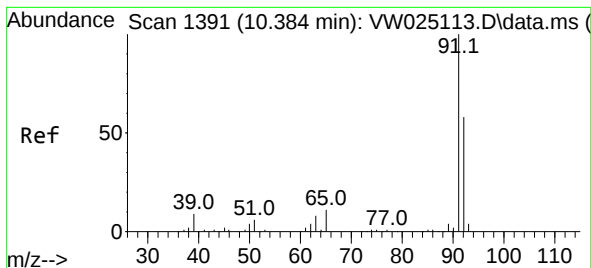
Ion Ratio Lower Upper

43 100

58 41.2 33.3 49.9

100 16.9 13.8 20.6





#42

Toluene

Concen: 24.957 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

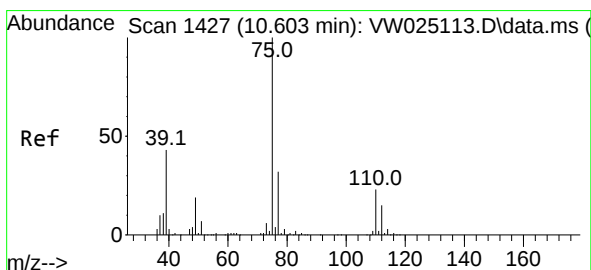
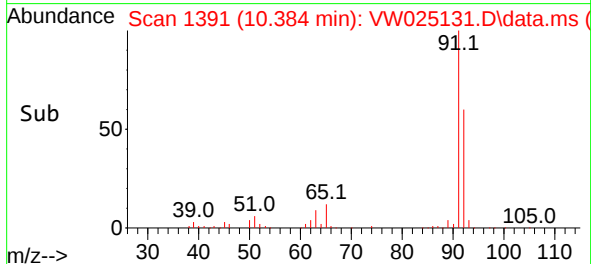
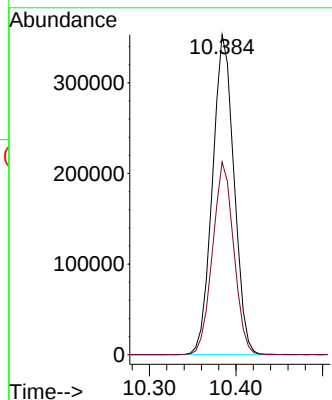
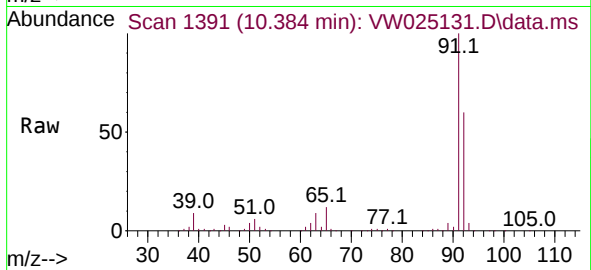
VSTD025507

Tgt Ion: 91 Resp: 608397

Ion Ratio Lower Upper

91 100

92 60.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 25.609 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025131.D

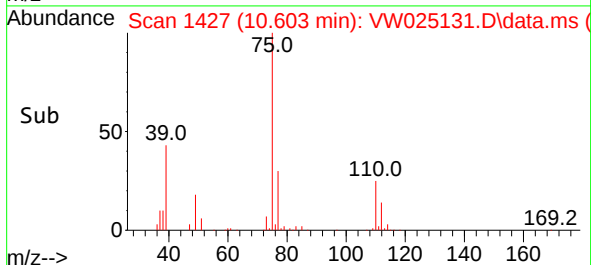
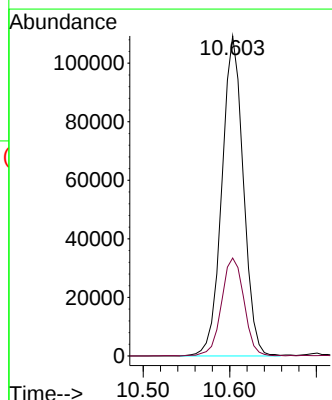
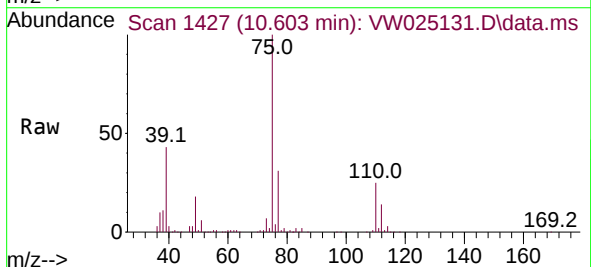
Acq: 08 Dec 2022 15:09

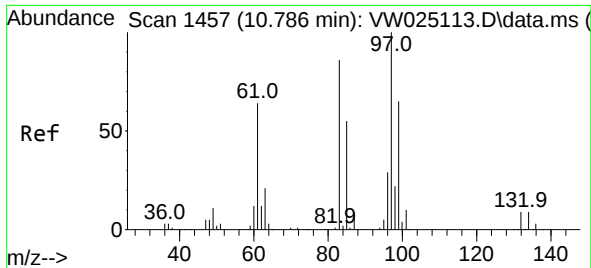
Tgt Ion: 75 Resp: 188052

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.7

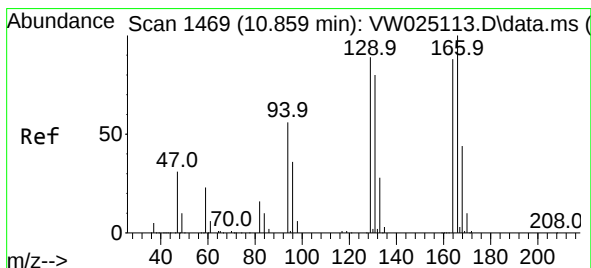
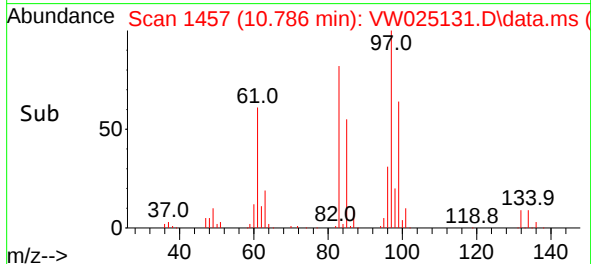
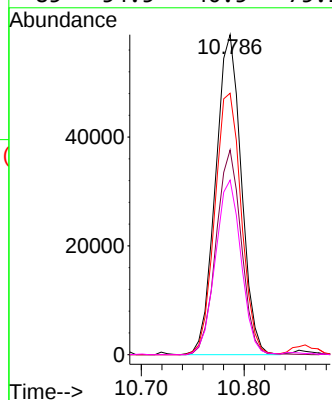
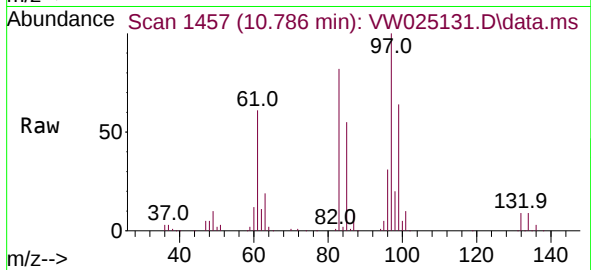




#45
1,1,2-Trichloroethane
Concen: 25.560 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

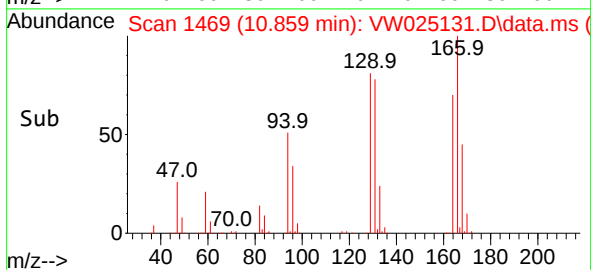
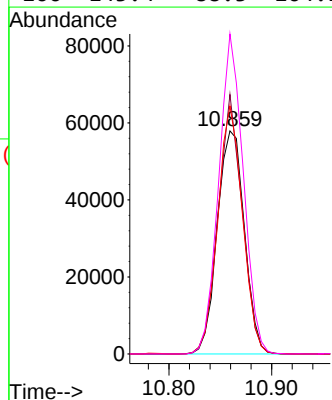
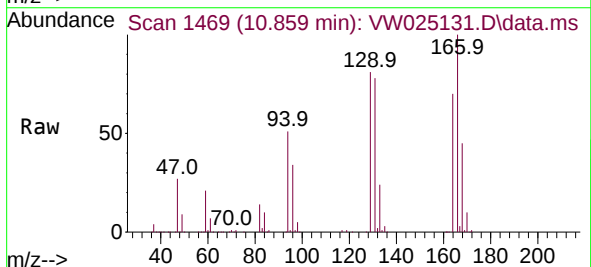
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

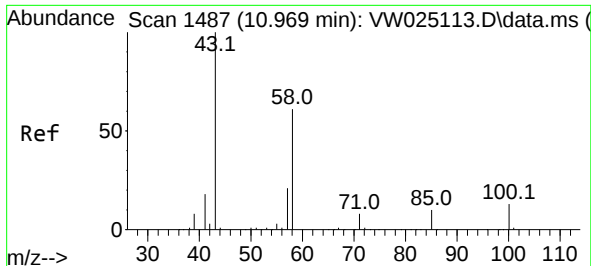
Tgt Ion: 97	Resp: 102358		
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.3	82.3
83	81.7	61.3	113.9
85	54.5	40.5	75.1



#46
Tetrachloroethene
Concen: 23.880 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt	Ion:164	Resp:	105946
Ion	Ratio	Lower	Upper
164	100		
129	116.3	73.4	136.4
131	111.2	70.8	131.4
166	143.4	88.3	164.1

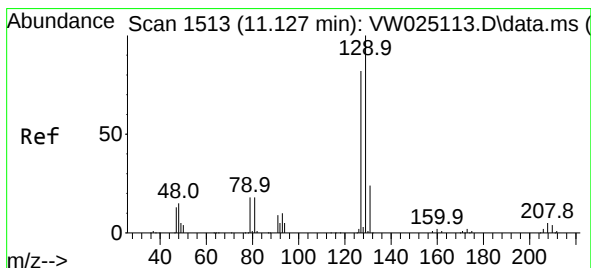
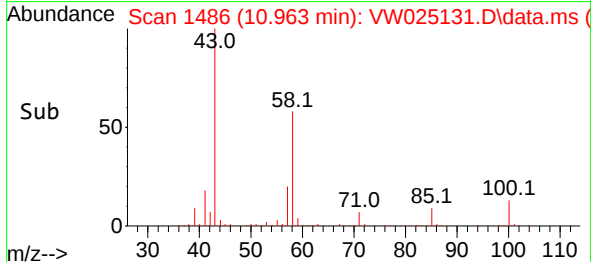
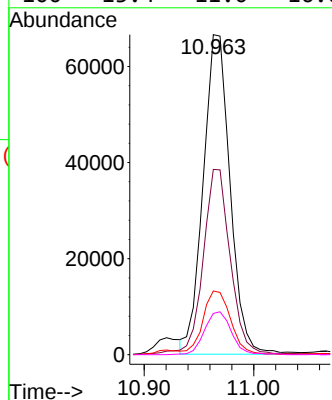
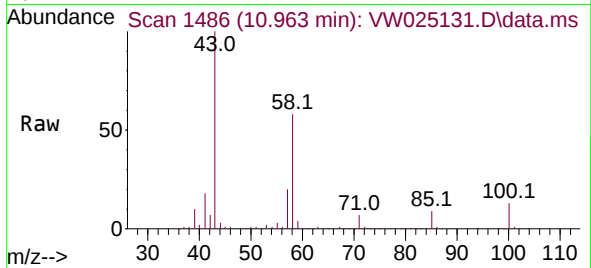




#48
2-Hexanone
Concen: 54.041 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

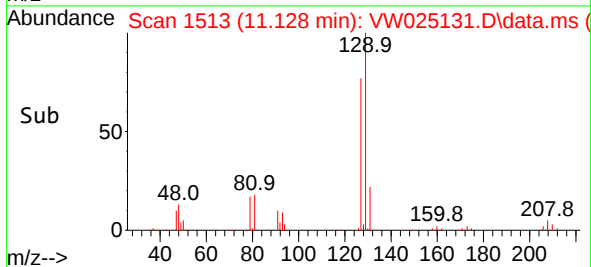
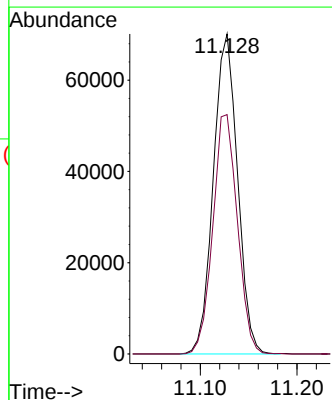
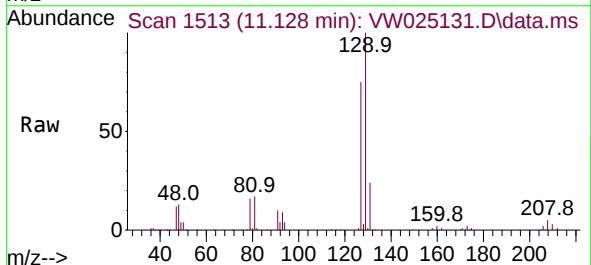
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

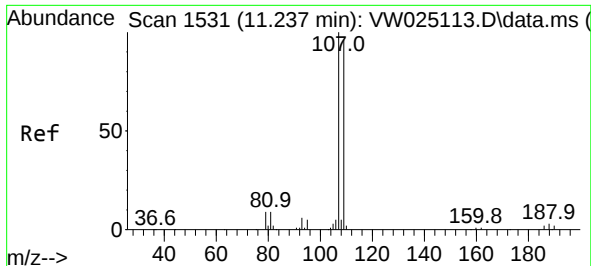
Tgt Ion: 43	Resp: 113550
Ion Ratio	Lower Upper
43 100	
58 58.6	46.6 69.8
57 20.5	16.7 25.1
100 13.4	11.0 16.6



#49
Dibromochloromethane
Concen: 25.342 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion:129	Resp: 121882		
Ion Ratio	Lower	Upper	
129 100			
127 74.8	49.7	92.3	





#50

1,2-Dibromoethane

Concen: 25.857 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

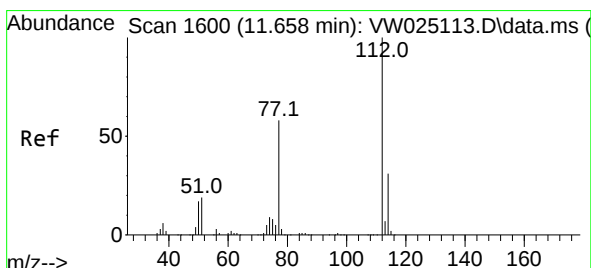
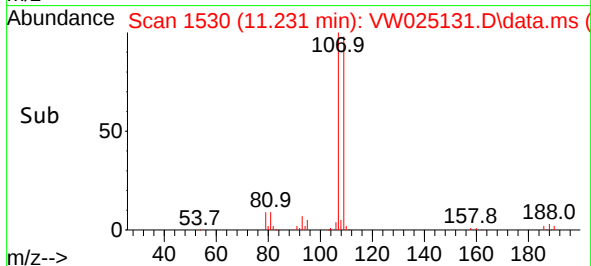
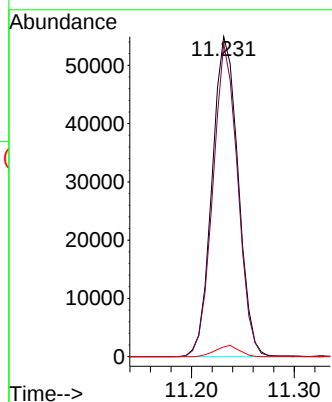
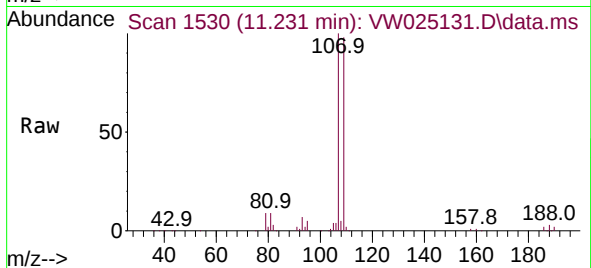
Tgt Ion:107 Resp: 96409

Ion Ratio Lower Upper

107 100

109 97.8 66.8 124.2

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 24.801 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

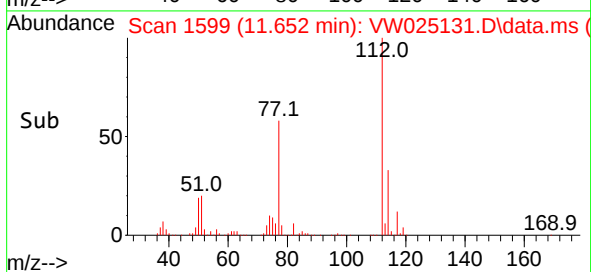
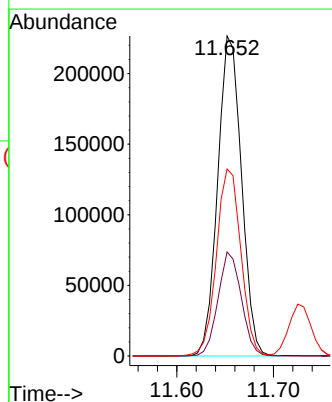
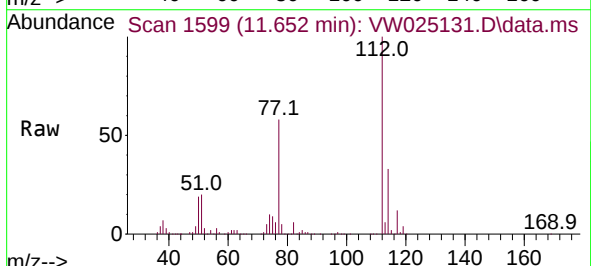
Tgt Ion:112 Resp: 386927

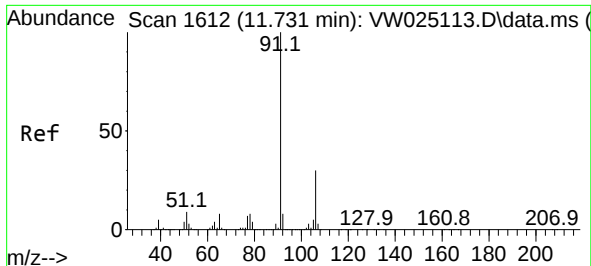
Ion Ratio Lower Upper

112 100

114 32.5 23.2 43.2

77 58.4 47.2 70.8

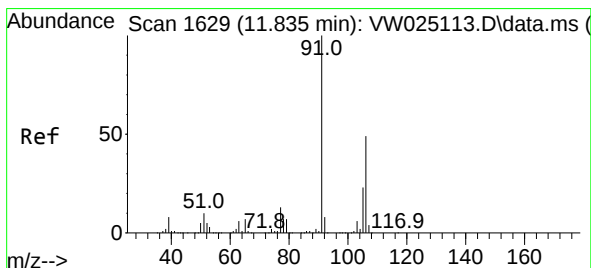
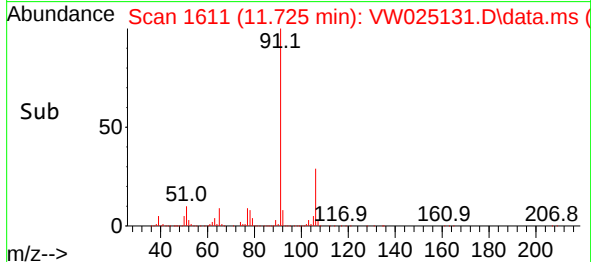
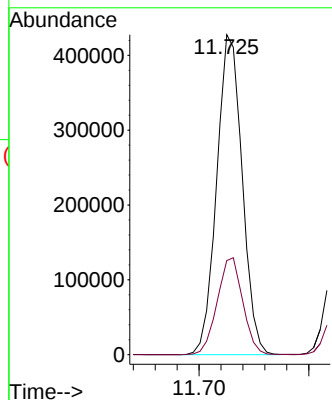
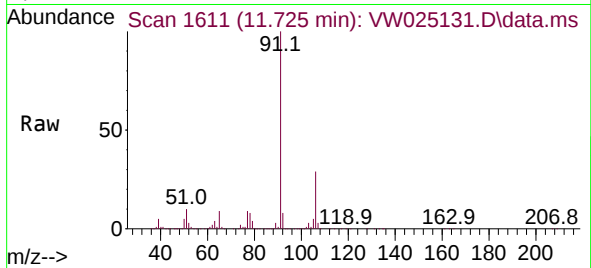




#52
Ethylbenzene
Concen: 24.986 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

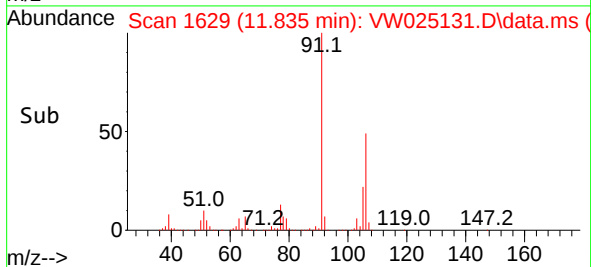
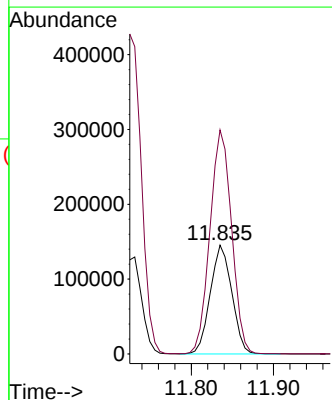
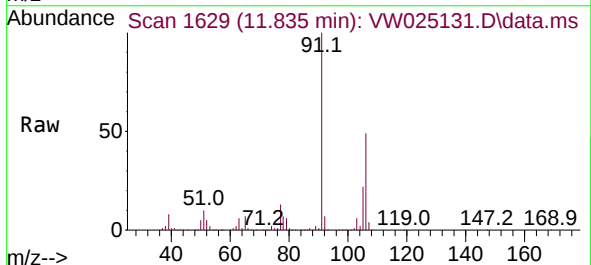
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

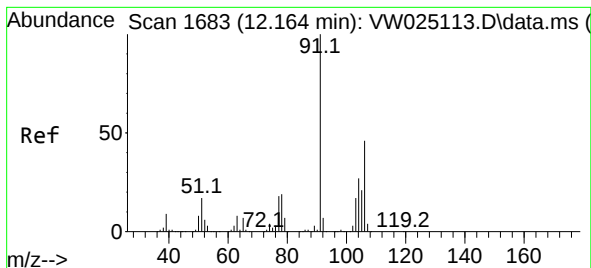
Tgt Ion: 91 Resp: 690251
Ion Ratio Lower Upper
91 100
106 29.4 21.9 40.7



#53
m,p-Xylene
Concen: 25.036 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion:106 Resp: 264130
Ion Ratio Lower Upper
106 100
91 205.8 139.7 259.4





#54

o-Xylene

Concen: 25.454 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

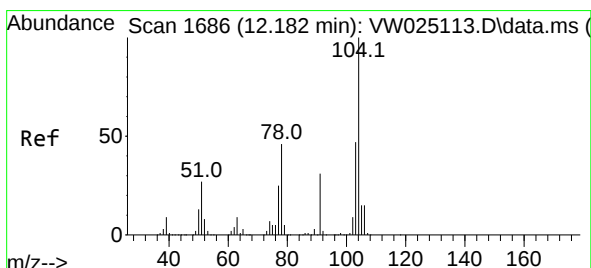
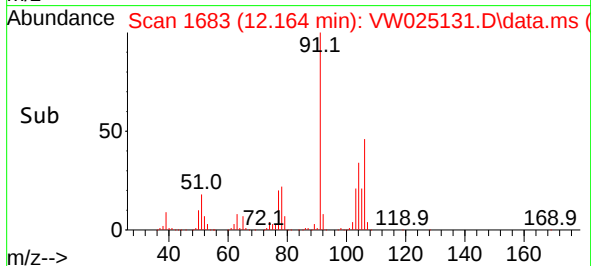
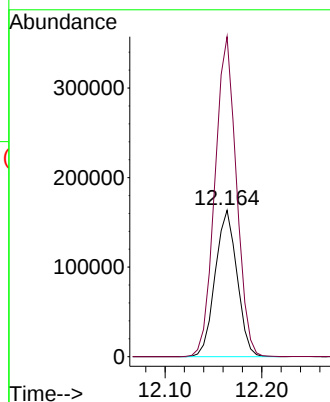
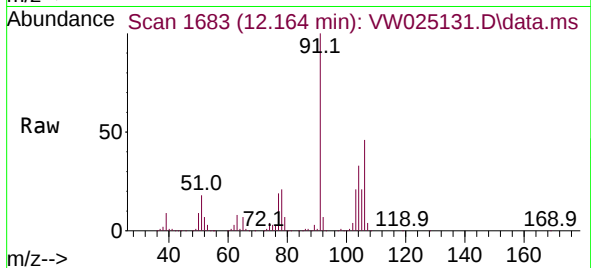
VSTD025507

Tgt Ion:106 Resp: 255927

Ion Ratio Lower Upper

106 100

91 218.6 148.8 276.4



#55

Styrene

Concen: 25.383 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW025131.D

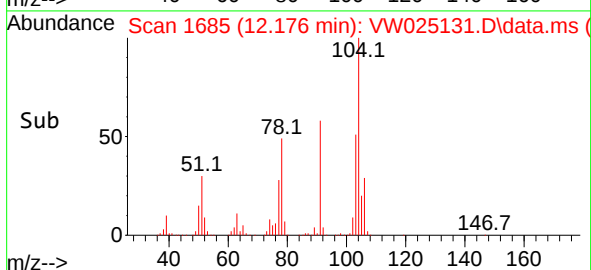
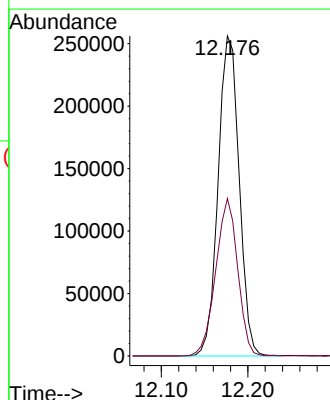
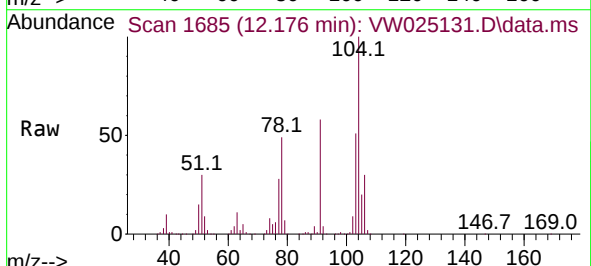
Acq: 08 Dec 2022 15:09

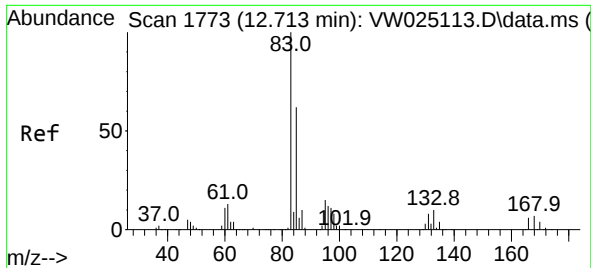
Tgt Ion:104 Resp: 432206

Ion Ratio Lower Upper

104 100

78 49.2 34.4 63.8





#57

1,1,2-Tetrachloroethane

Concen: 25.362 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

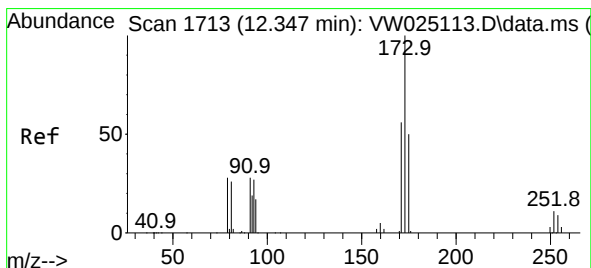
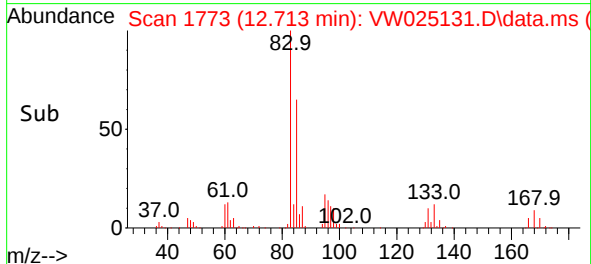
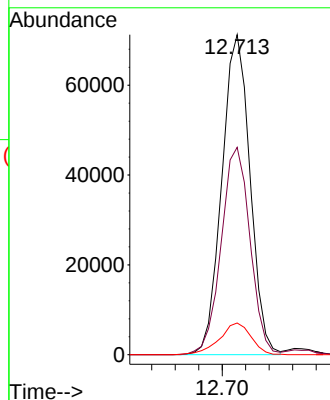
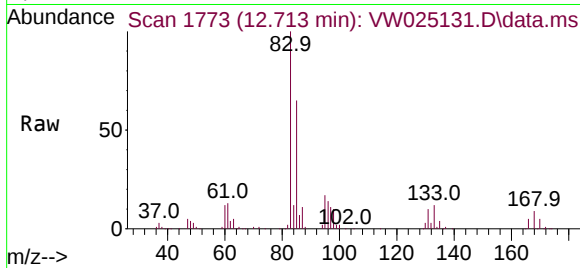
Tgt Ion: 83 Resp: 118781

Ion Ratio Lower Upper

83 100

85 64.8 46.8 87.0

131 9.9 8.2 12.2



#59

Bromoform

Concen: 24.273 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

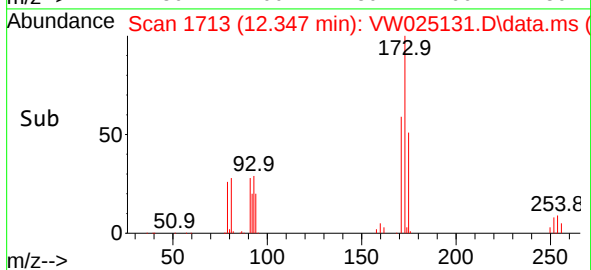
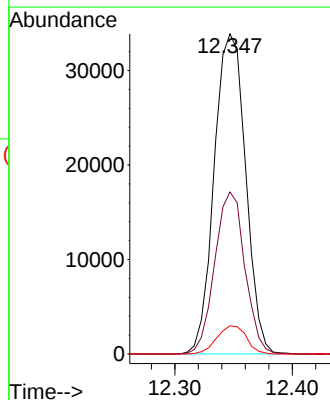
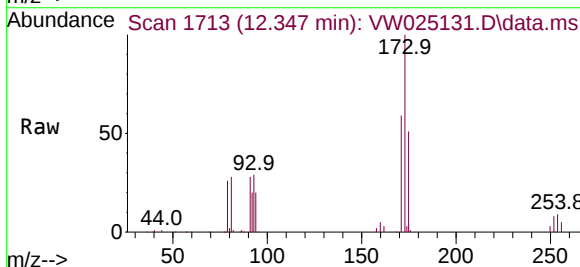
Tgt Ion:173 Resp: 62955

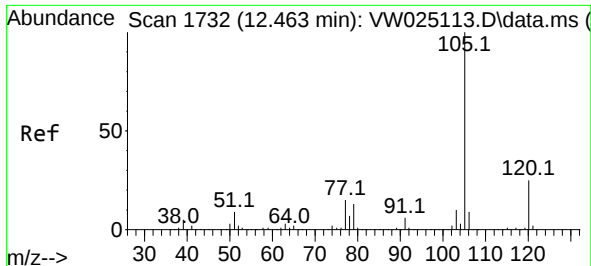
Ion Ratio Lower Upper

173 100

175 48.5 37.4 56.0

254 8.3 6.8 10.2

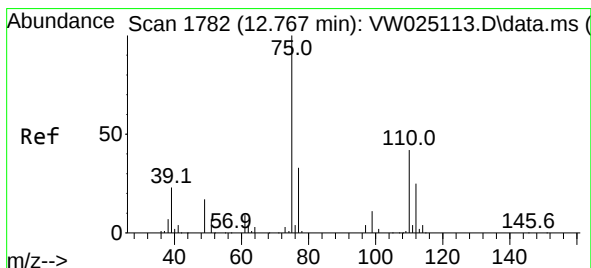
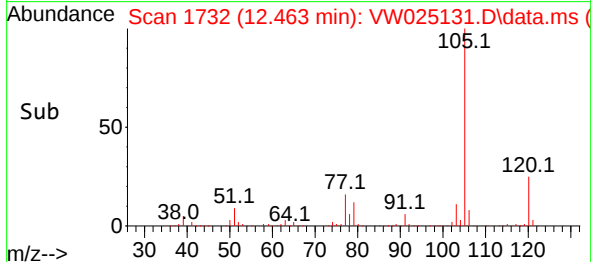
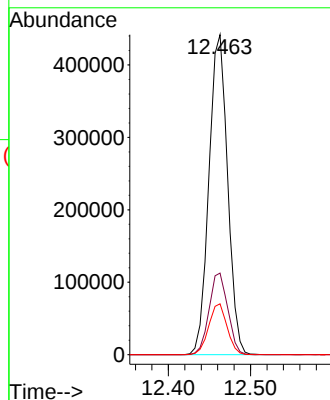
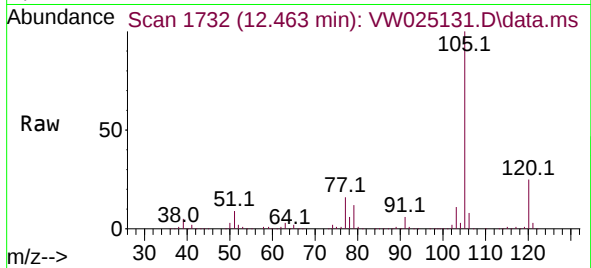




#60
Isopropylbenzene
Concen: 24.050 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

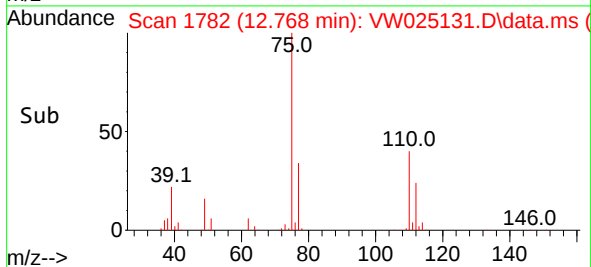
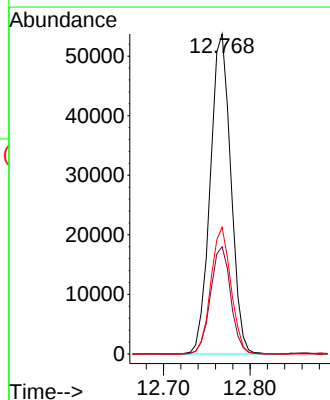
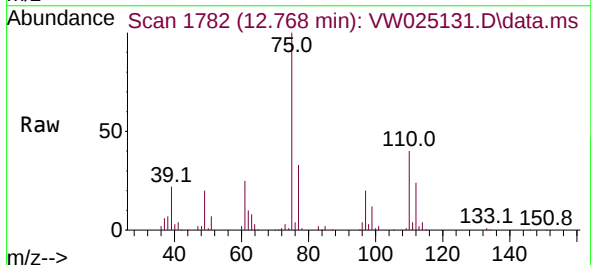
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

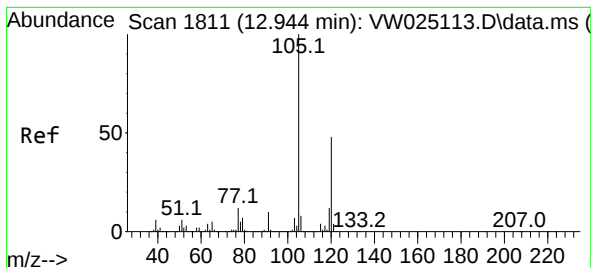
Tgt Ion:105 Resp: 696255
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.418 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion: 75 Resp: 88643
Ion Ratio Lower Upper
75 100
77 32.9 26.6 40.0
110 38.6 31.7 47.5

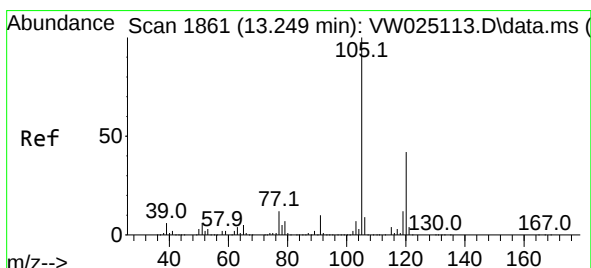
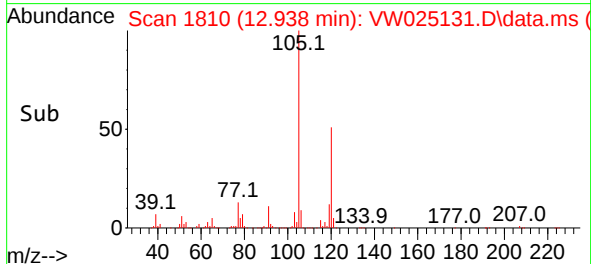
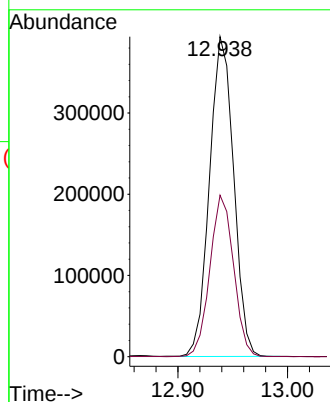
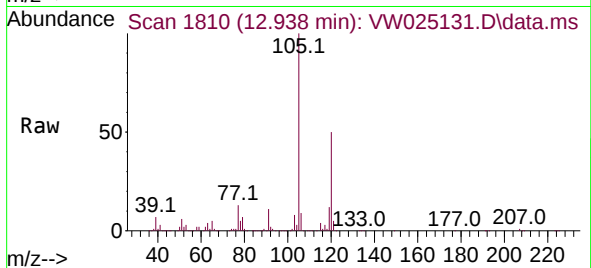




#62
1,3,5-Trimethylbenzene
Concen: 24.341 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

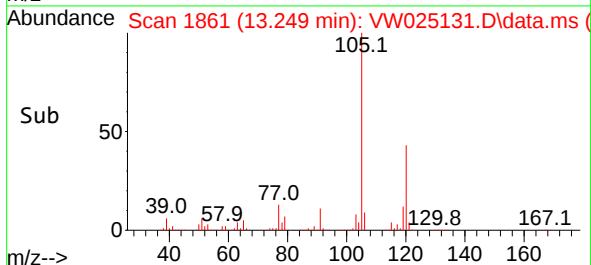
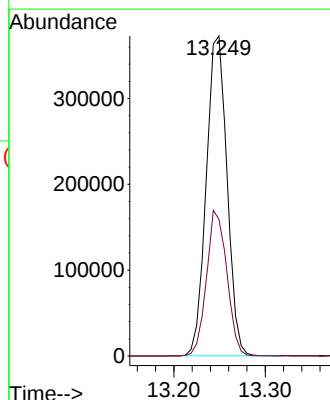
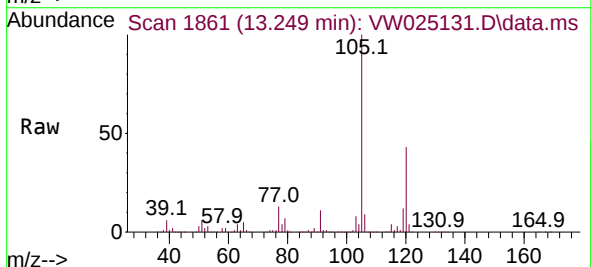
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

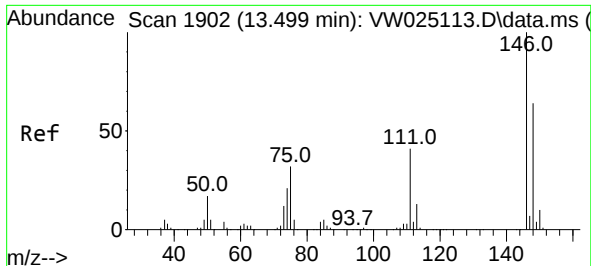
Tgt Ion:105 Resp: 603599
Ion Ratio Lower Upper
105 100
120 49.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 24.362 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion:105 Resp: 586896
Ion Ratio Lower Upper
105 100
120 44.6 36.1 54.1

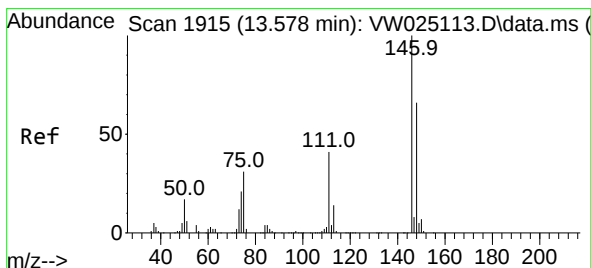
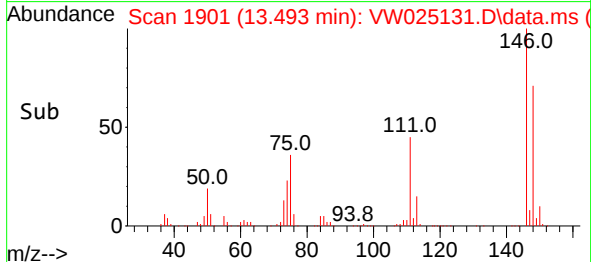
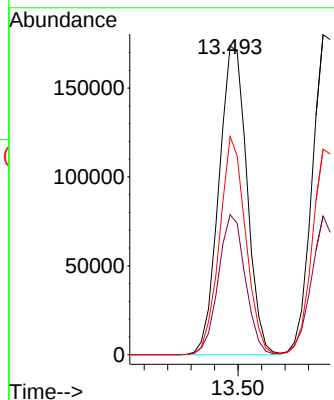
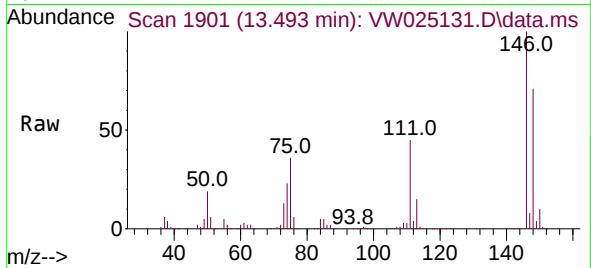




#64
1,3-Dichlorobenzene
Concen: 24.298 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

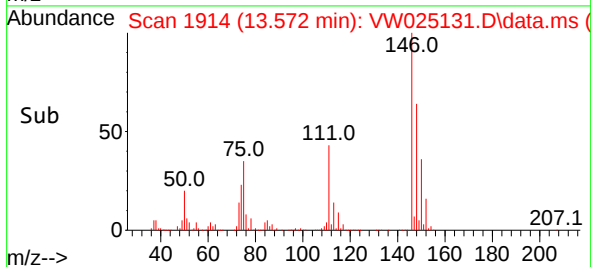
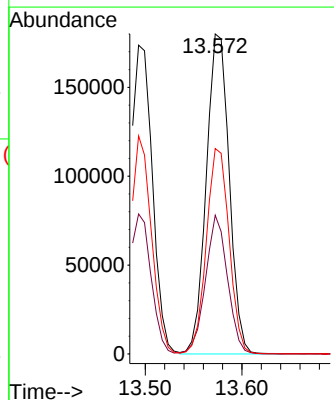
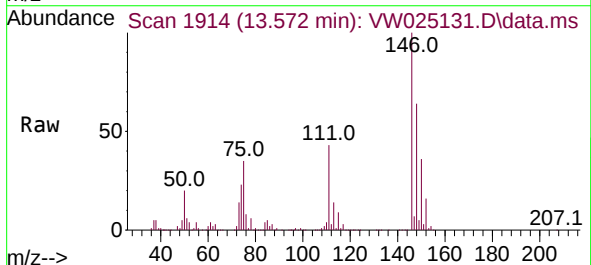
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

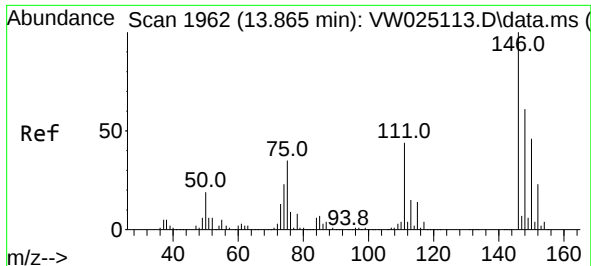
Tgt Ion:146 Resp: 287974
Ion Ratio Lower Upper
146 100
111 45.3 30.2 56.0
148 70.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 24.891 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion:146 Resp: 297084
Ion Ratio Lower Upper
146 100
111 43.3 27.4 51.0
148 64.2 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 25.392 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

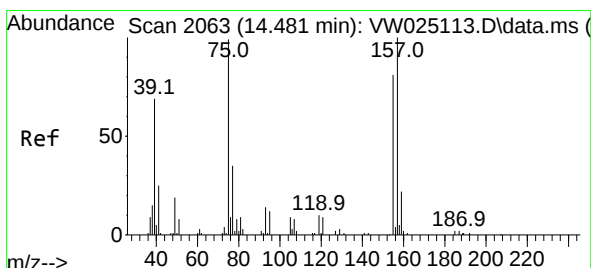
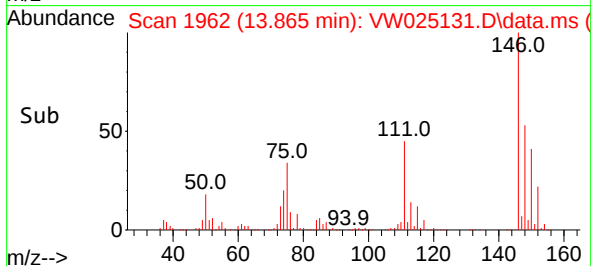
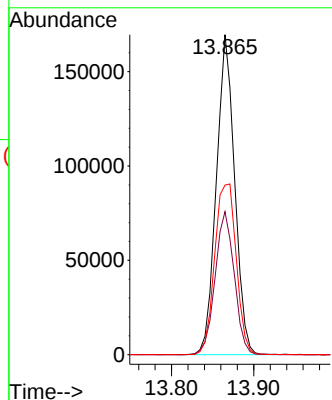
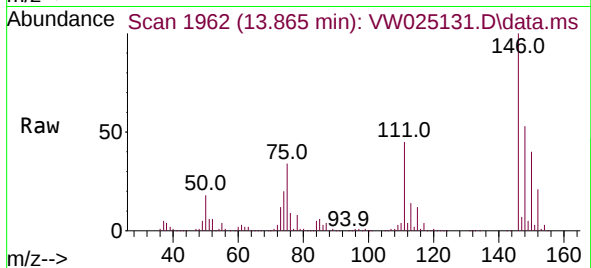
Tgt Ion:146 Resp: 262449

Ion Ratio Lower Upper

146 100

111 44.7 34.3 51.5

148 53.0 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.056 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025131.D

Acq: 08 Dec 2022 15:09

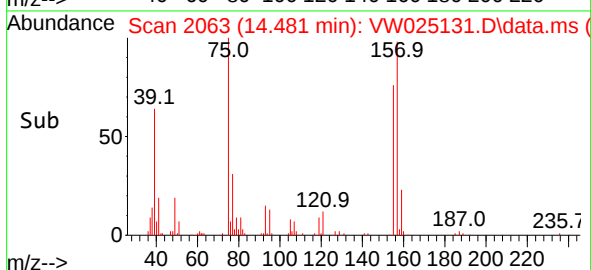
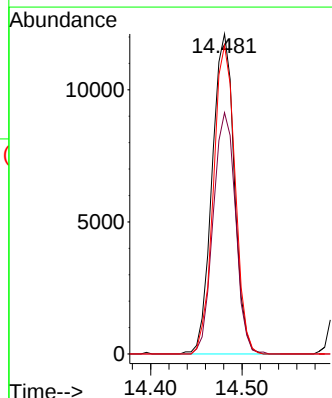
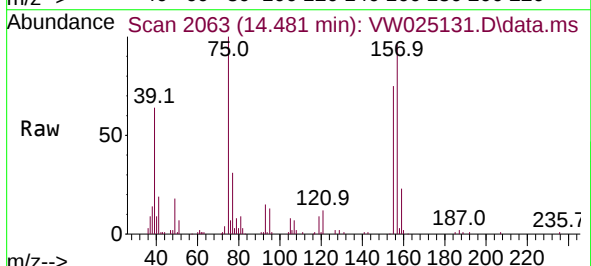
Tgt Ion: 75 Resp: 20361

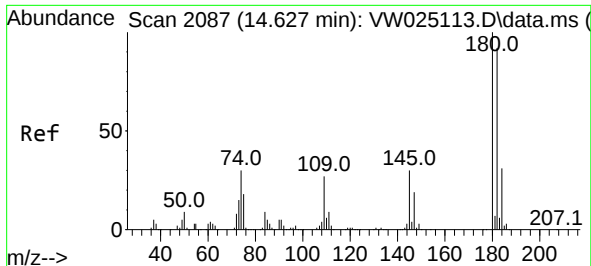
Ion Ratio Lower Upper

75 100

155 75.4 60.3 90.5

157 96.4 84.9 127.3

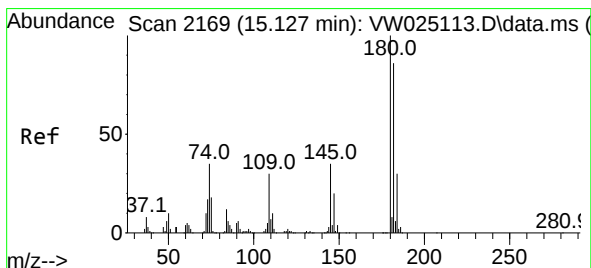
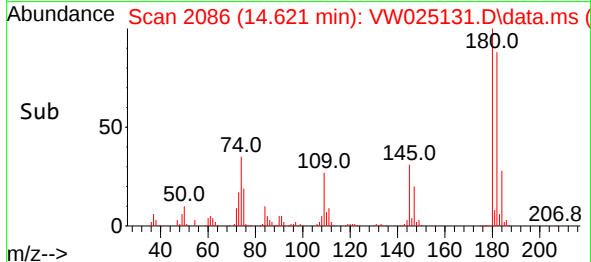
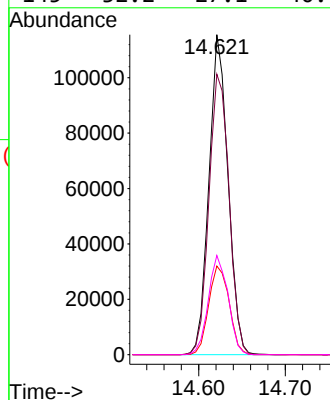
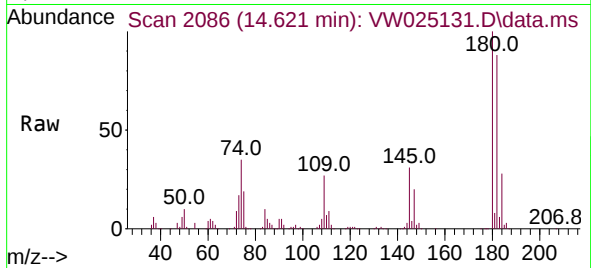




#69
1,3,5-Trichlorobenzene
Concen: 21.009 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

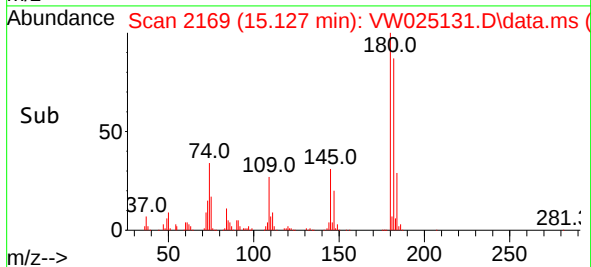
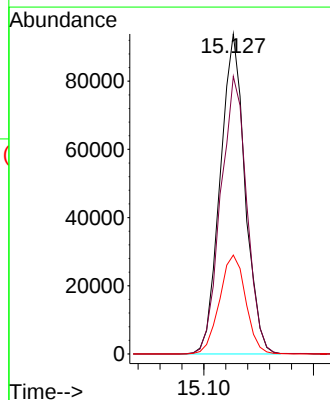
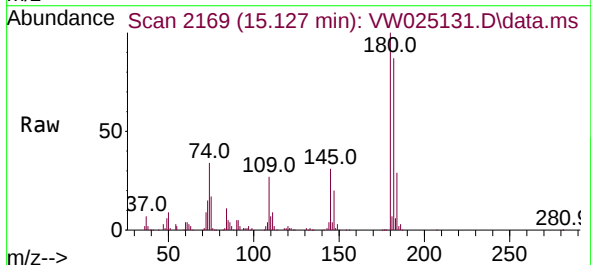
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

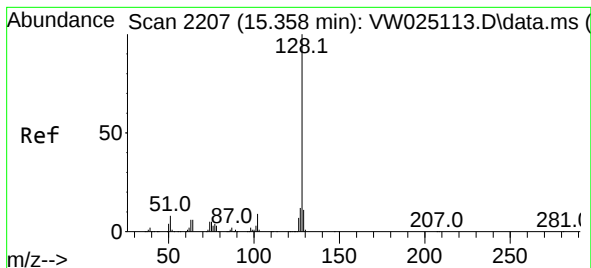
Tgt Ion:180 Resp: 176800
Ion Ratio Lower Upper
180 100
182 92.6 77.8 116.6
184 29.7 24.3 36.5
145 32.2 27.1 40.7



#70
1,2,4-trichlorobenzene
Concen: 21.912 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion:180 Resp: 147953
Ion Ratio Lower Upper
180 100
182 90.7 77.2 115.8
145 32.5 26.9 40.3

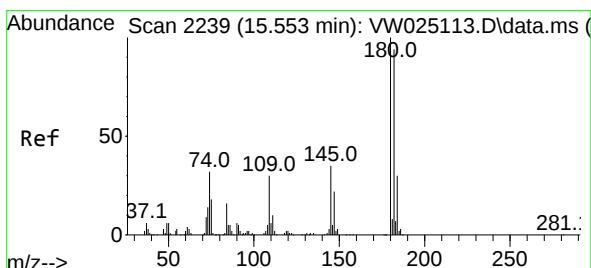
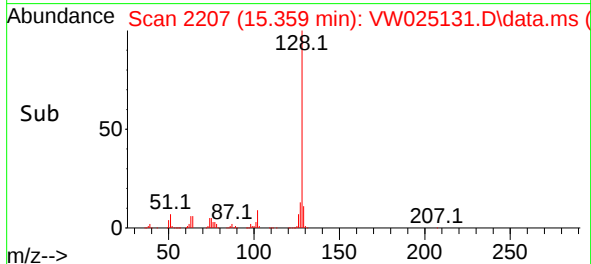
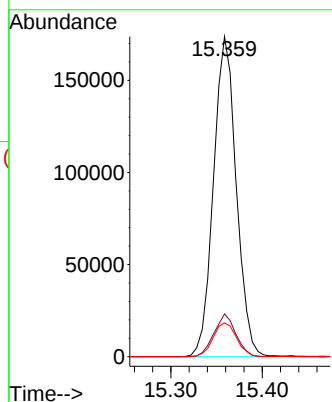
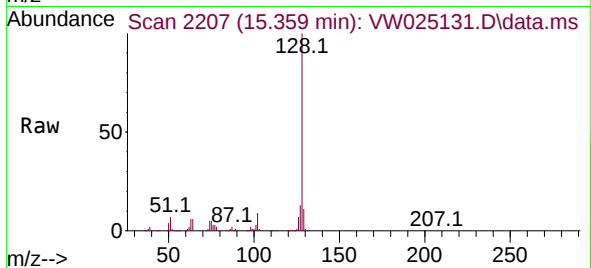




#71
Naphthalene
Concen: 22.741 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

Tgt Ion:128 Resp: 301014
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 21.889 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW025131.D
Acq: 08 Dec 2022 15:09

Tgt Ion:180 Resp: 129525
Ion Ratio Lower Upper
180 100
182 91.5 76.4 114.6
145 36.4 29.6 44.4

