

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111622\
 Data File : VW025068.D
 Acq On : 16 Nov 2022 19:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025500

Quant Time: Nov 17 00:42:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 00:39:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	437525	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	404709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	197472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104614	21.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.200%
7) Chloroethane-d5	2.885	69	78738	27.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.480%
11) 1,1-Dichloroethene-d2	4.025	63	253292	20.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.840%
21) 2-Butanone-d5	7.080	46	96000	57.921	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.840%
24) Chloroform-d	7.653	84	344423	25.939	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.760%
26) 1,2-Dichloroethane-d4	8.305	65	175805	23.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	8.275	84	668604	25.775	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.080%
36) 1,2-Dichloropropane-d6	9.274	67	211854	27.873	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.480%
41) Toluene-d8	10.323	98	585187	24.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.920%
43) trans-1,3-Dichloroprop...	10.579	79	80022	23.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.960%
47) 2-Hexanone-d5	10.927	63	77737	59.208	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	172789	28.471	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	195215	25.724	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	31720	21.736	ug/L	90
3) Chloromethane	2.221	50	102755	29.275	ug/L	95
5) Vinyl chloride	2.361	62	141208	29.116	ug/L	96
6) Bromomethane	2.782	94	68261	28.204	ug/L	96
8) Chloroethane	2.922	64	63168	31.224	ug/L	96
9) Trichlorofluoromethane	3.257	101	82863	20.367	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	151728	26.336	ug/L	97
12) 1,1-Dichloroethene	4.044	96	140573	25.901	ug/L	89
13) Acetone	4.123	43	51331	43.595	ug/L	95
14) Carbon disulfide	4.385	76	382550	24.129	ug/L	98
15) Methyl Acetate	4.678	43	66960	28.564	ug/L	99
16) Methylene chloride	4.922	84	182568	23.501	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	157484	27.099	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	259121	26.580	ug/L	97
19) 1,1-Dichloroethane	6.220	63	309144	28.732	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	182703	28.844	ug/L	96
22) 2-Butanone	7.171	43	87814	49.778	ug/L	99
23) Bromochloromethane	7.513	128	78680	28.653	ug/L	98
25) Chloroform	7.677	83	319445	28.132	ug/L	97

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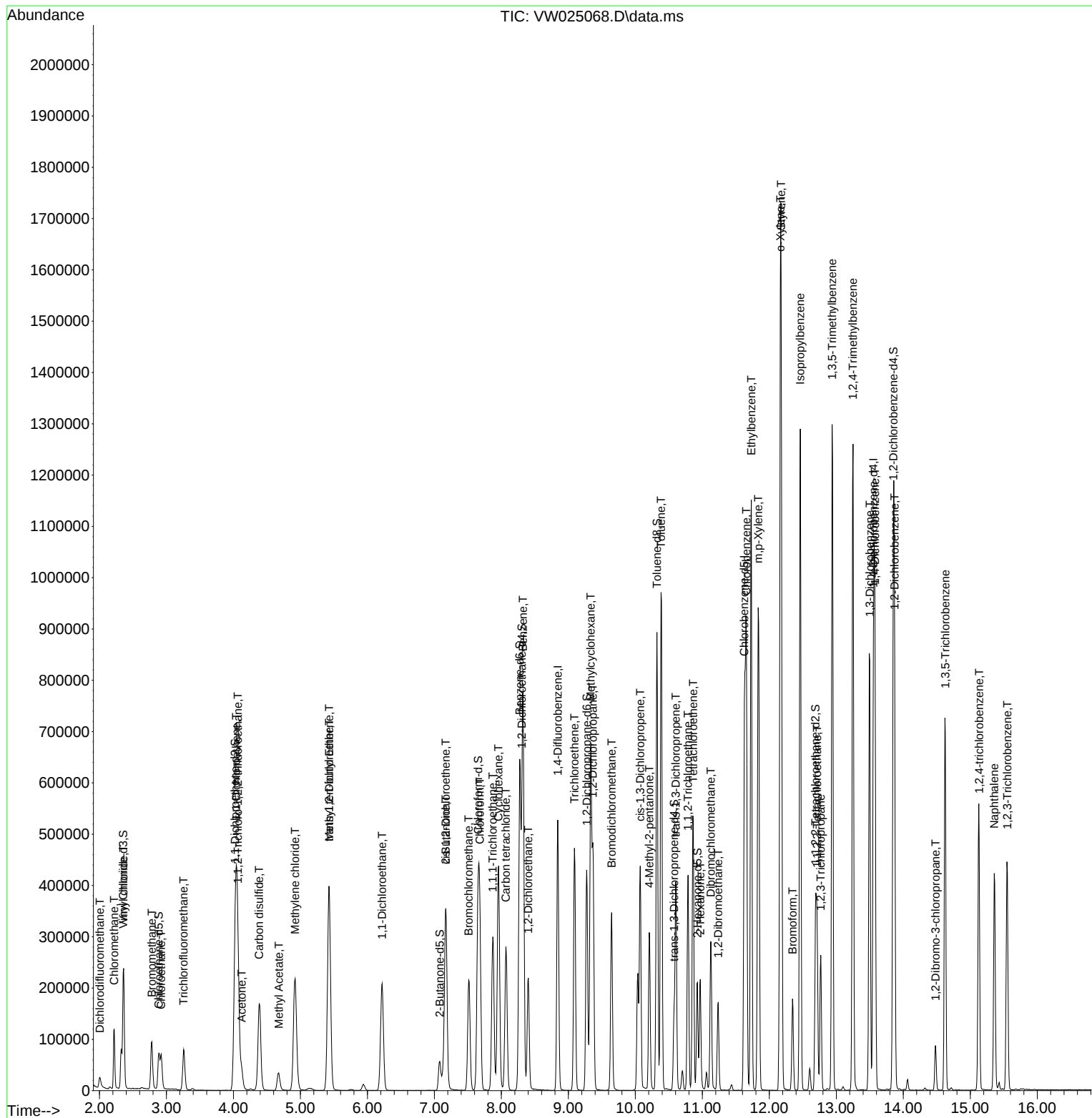
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	197597	25.654	ug/L	98
29) Cyclohexane	7.958	56	249905	26.151	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	244936	24.731	ug/L	100
31) Carbon tetrachloride	8.067	117	212342	23.994	ug/L	100
33) Benzene	8.323	78	689974	28.311	ug/L	100
34) Trichloroethene	9.091	95	171256	26.545	ug/L	96
35) Methylcyclohexane	9.335	83	278462	25.402	ug/L	99
37) 1,2-Dichloropropane	9.366	63	176456	29.831	ug/L	100
38) Bromodichloromethane	9.646	83	232432	28.155	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	263414	28.169	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	199984	57.613	ug/L	98
42) Toluene	10.384	91	722035	27.906	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	226650	27.263	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	128408	28.751	ug/L	97
46) Tetrachloroethene	10.866	164	121476	26.328	ug/L	88
48) 2-Hexanone	10.969	43	135672	56.516	ug/L	99
49) Dibromochloromethane	11.128	129	153533	28.202	ug/L	95
50) 1,2-Dibromoethane	11.237	107	119276	28.238	ug/L	95
51) Chlorobenzene	11.658	112	465218	27.739	ug/L	98
52) Ethylbenzene	11.731	91	820201	27.462	ug/L	98
53) m,p-Xylene	11.835	106	313286	27.099	ug/L	96
54) o-Xylene	12.164	106	304743	27.941	ug/L	97
55) Styrene	12.176	104	530893	28.025	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	156821	29.270	ug/L	98
59) Bromoform	12.347	173	78651	28.160	ug/L	97
60) Isopropylbenzene	12.463	105	828199	27.896	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	112610	28.384	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	703953	27.315	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	697478	27.599	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	347106	28.032	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	341273	27.621	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	311073	27.940	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	22764	24.829	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	216343	26.379	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	168507	26.434	ug/L	99
71) Naphthalene	15.359	128	359778	26.755	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	144550	26.025	ug/L	97

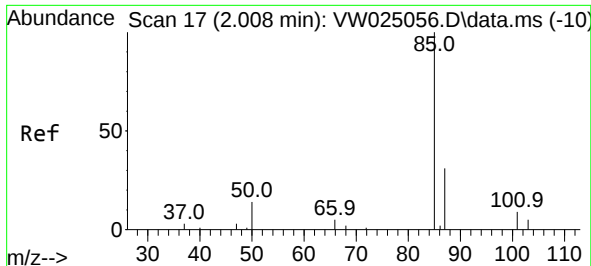
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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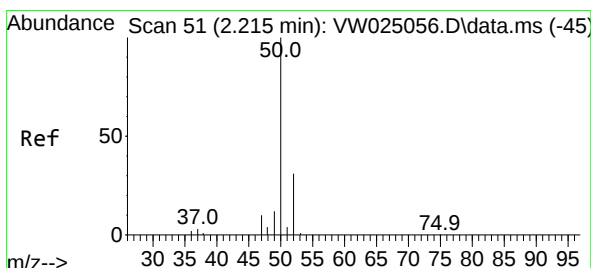
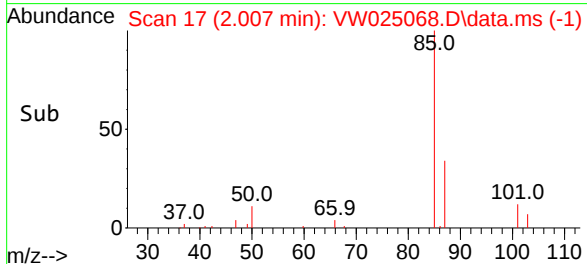
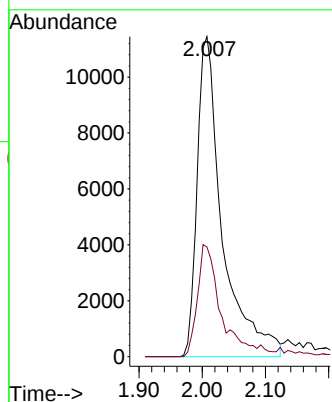
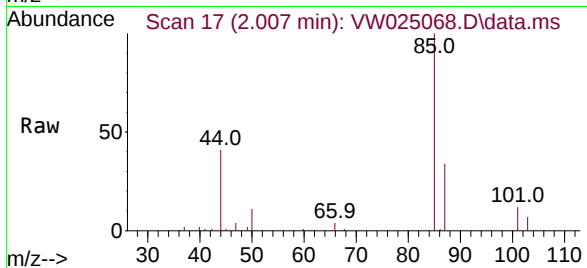




#2
Dichlorodifluoromethane
Concen: 21.736 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

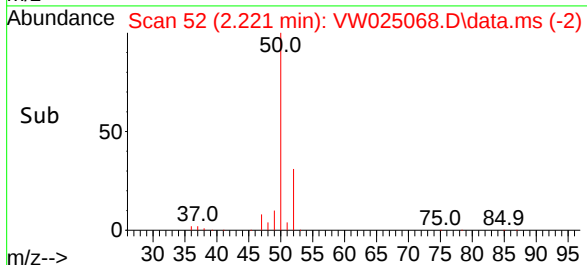
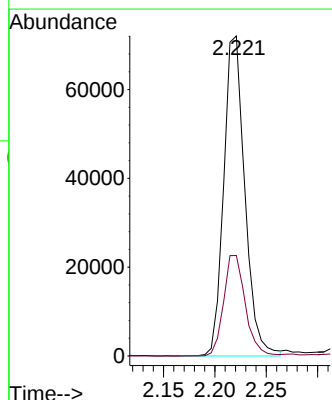
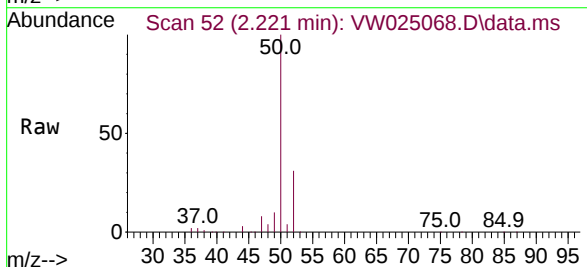
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

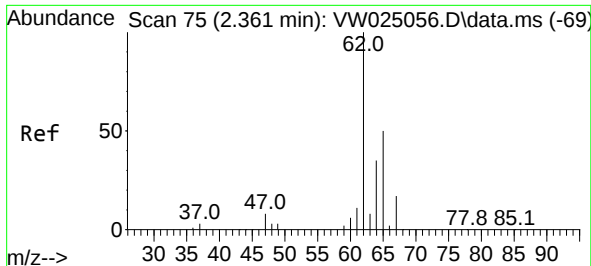
Tgt Ion: 85 Resp: 31720
Ion Ratio Lower Upper
85 100
87 26.9 25.9 38.9



#3
Chloromethane
Concen: 29.275 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion: 50 Resp: 102755
Ion Ratio Lower Upper
50 100
52 31.4 24.1 44.8

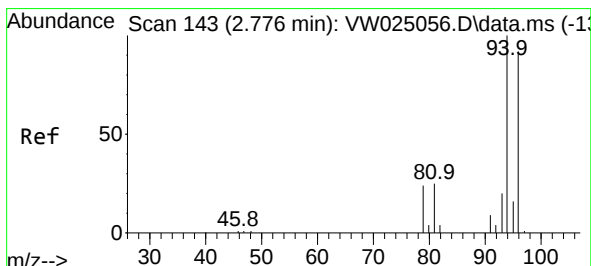
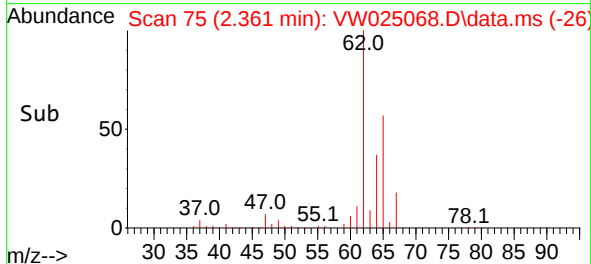
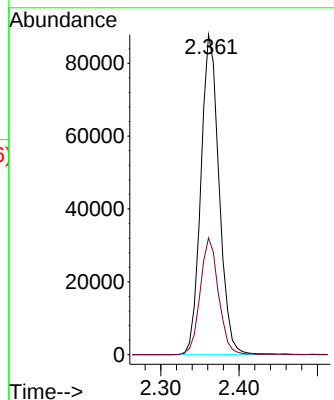
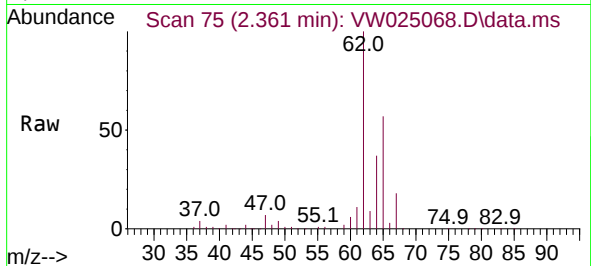




#5
 Vinyl chloride
 Concen: 29.116 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW025068.D
 Acq: 16 Nov 2022 19:15

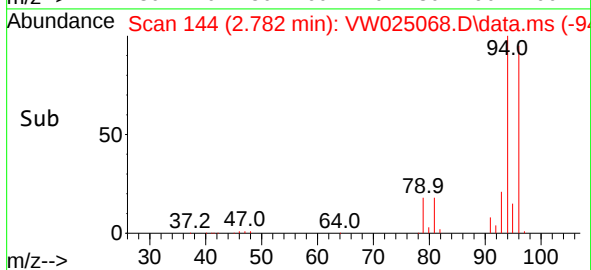
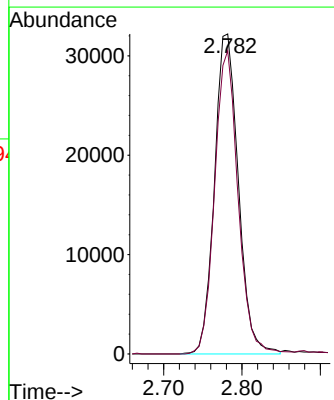
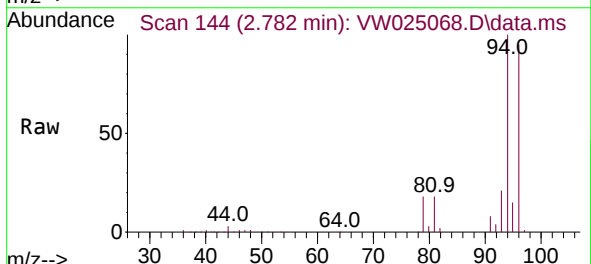
Instrument :
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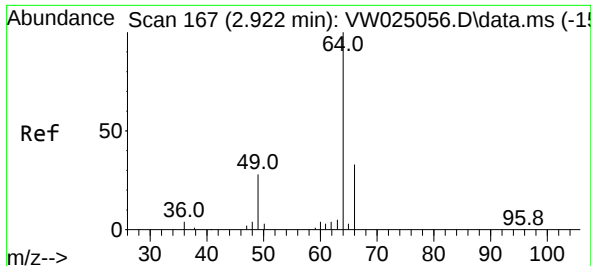
Tgt Ion: 62 Resp: 141208
 Ion Ratio Lower Upper
 62 100
 64 36.5 27.2 50.6



#6
 Bromomethane
 Concen: 28.204 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025068.D
 Acq: 16 Nov 2022 19:15

Tgt Ion: 94 Resp: 68261
 Ion Ratio Lower Upper
 94 100
 96 94.7 63.8 118.6

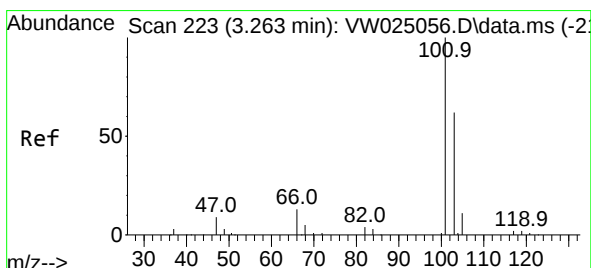
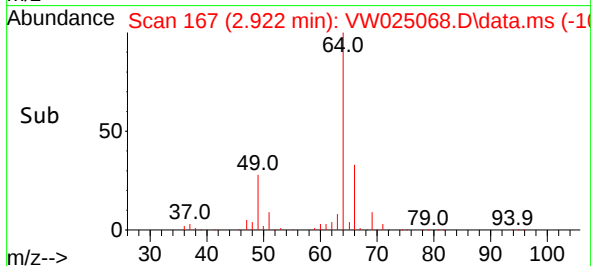
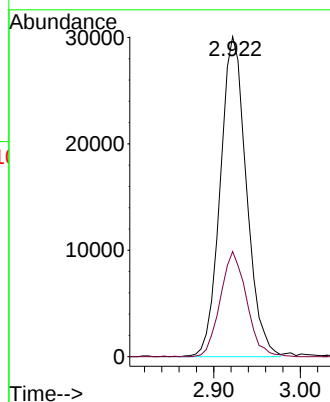
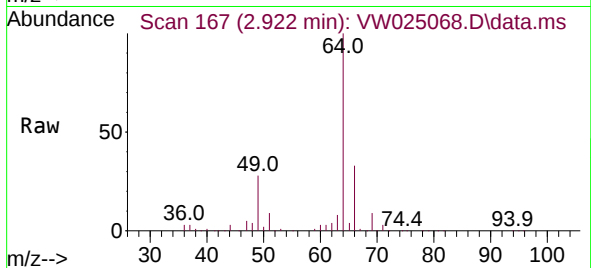




#8
Chloroethane
Concen: 31.224 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

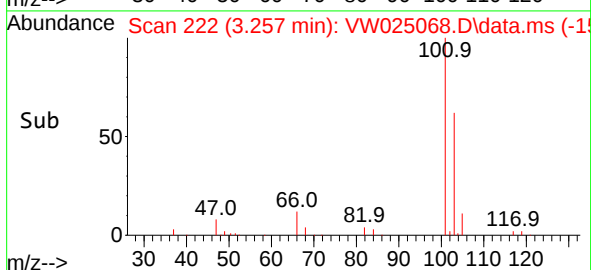
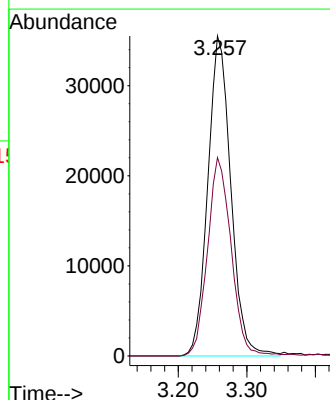
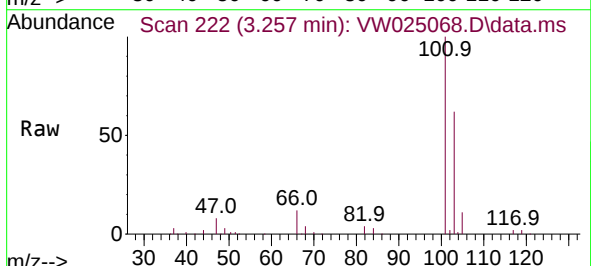
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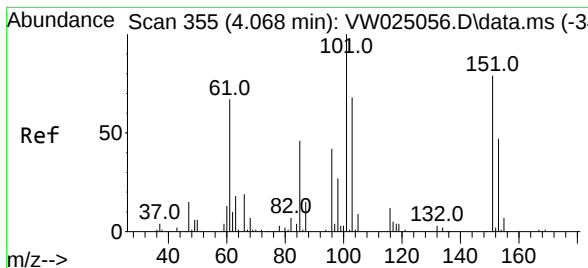
Tgt Ion: 64 Resp: 63168
Ion Ratio Lower Upper
64 100
66 32.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 20.367 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion:101 Resp: 82863
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.336 ug/L

RT: 4.068 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

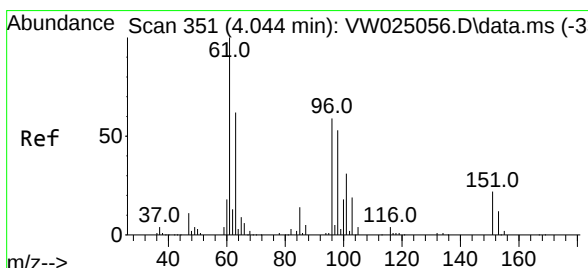
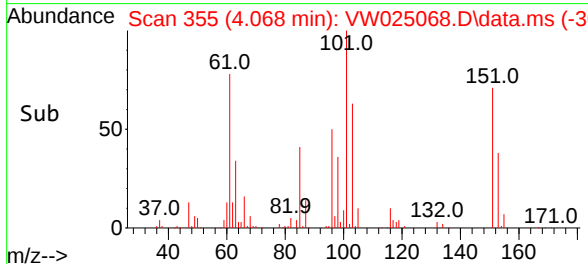
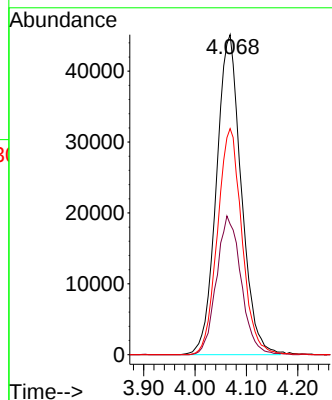
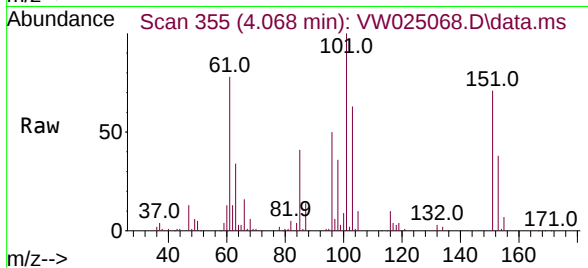
Tgt Ion:101 Resp: 151728

Ion Ratio Lower Upper

101 100

85 42.9 36.5 54.7

151 69.4 57.3 85.9



#12

1,1-Dichloroethene

Concen: 25.901 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.000 min

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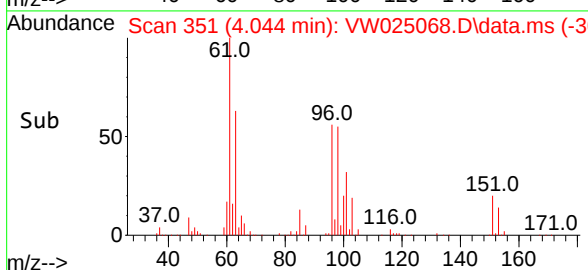
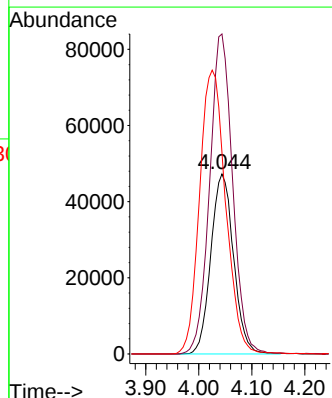
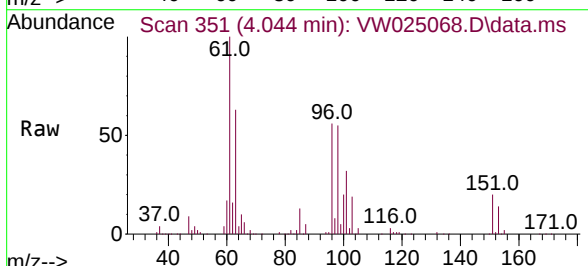
Tgt Ion: 96 Resp: 140573

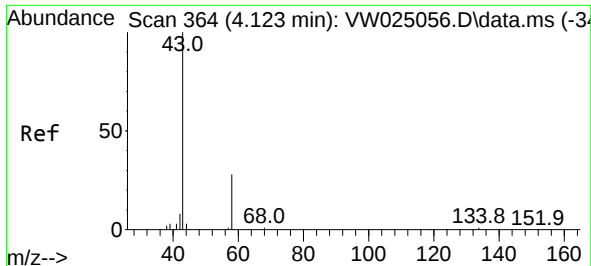
Ion Ratio Lower Upper

96 100

61 177.8 126.2 234.4

63 112.1 98.3 182.7





#13

Acetone

Concen: 43.595 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

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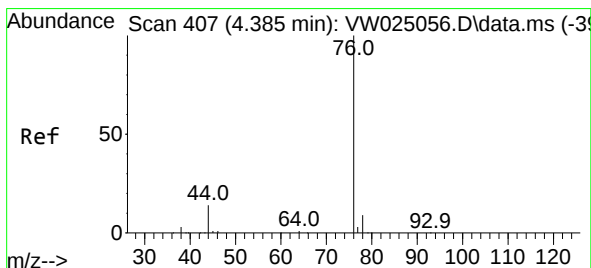
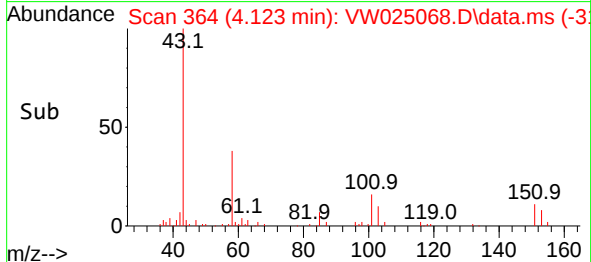
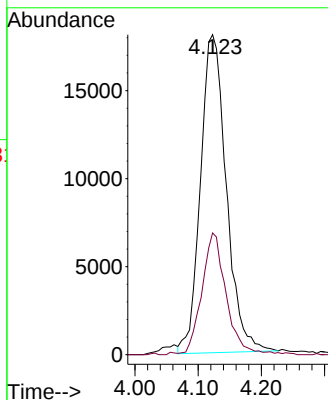
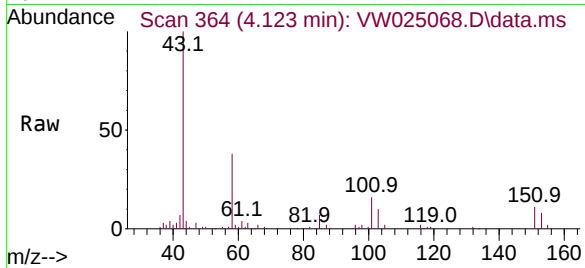
VSTD025500

Tgt Ion: 43 Resp: 51331

Ion Ratio Lower Upper

43 100

58 35.4 0.0 65.4



#14

Carbon disulfide

Concen: 24.129 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

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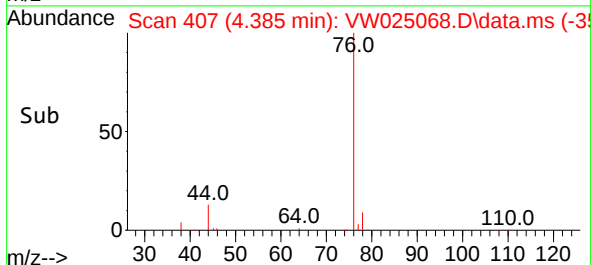
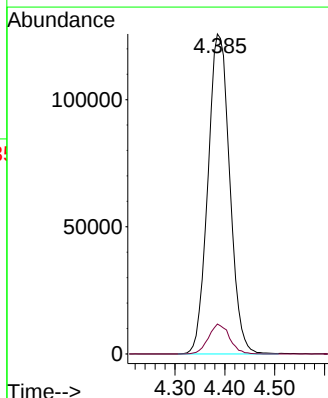
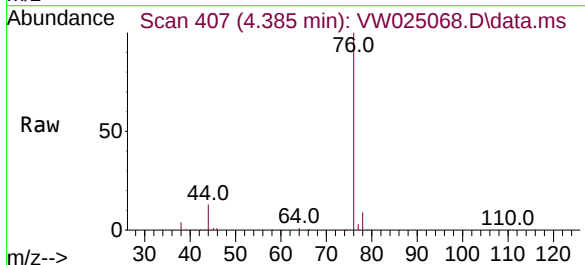
Acq: 16 Nov 2022 19:15

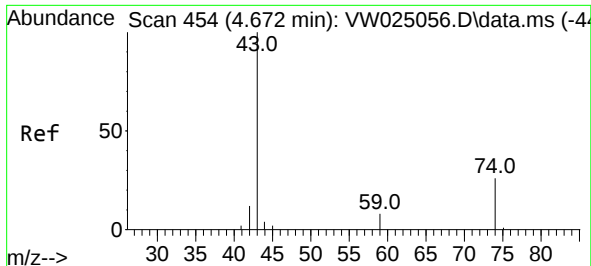
Tgt Ion: 76 Resp: 382550

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

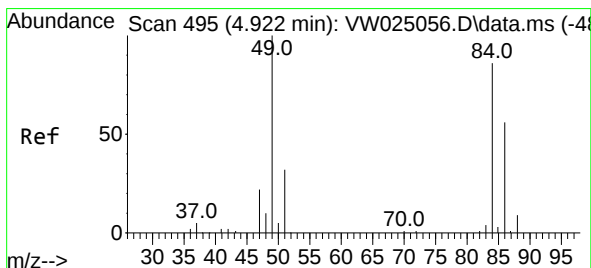
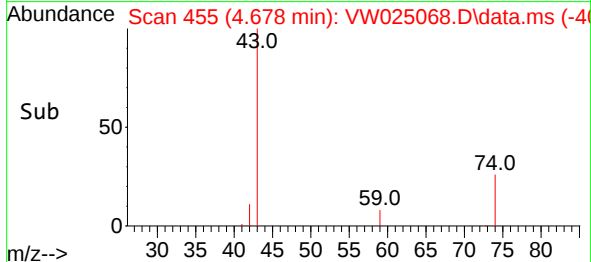
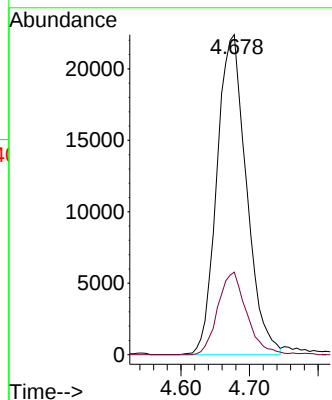
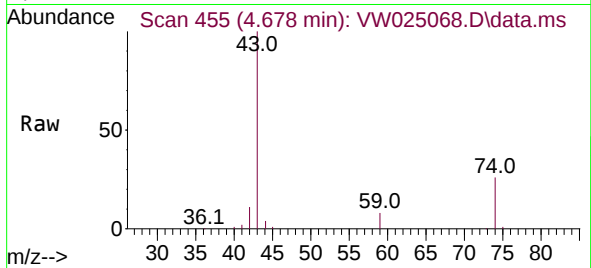




#15
Methyl Acetate
Concen: 28.564 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

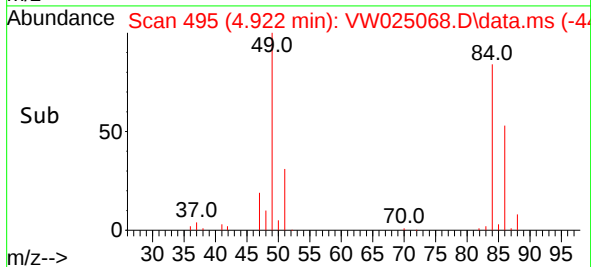
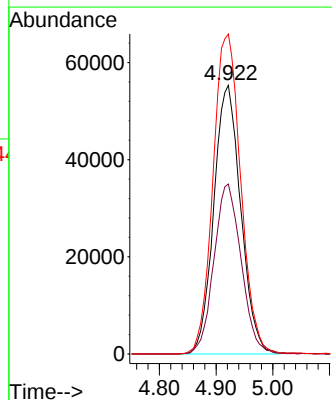
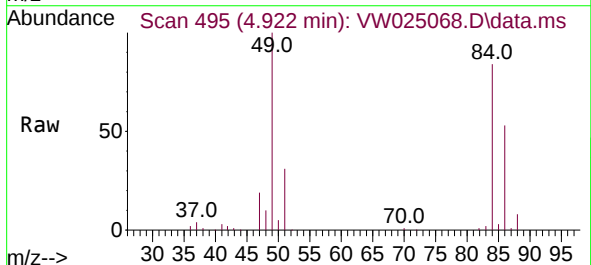
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

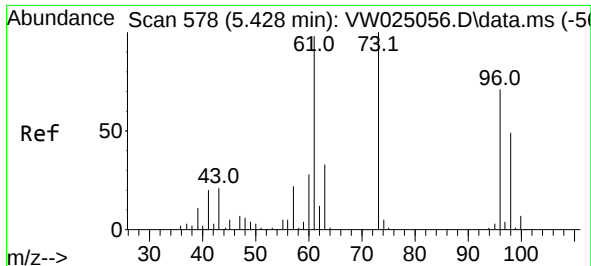
Tgt Ion: 43 Resp: 66960
Ion Ratio Lower Upper
43 100
74 25.1 20.6 30.8



#16
Methylene chloride
Concen: 23.501 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion: 84 Resp: 182568
Ion Ratio Lower Upper
84 100
86 63.2 42.6 79.0
49 119.1 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 27.099 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

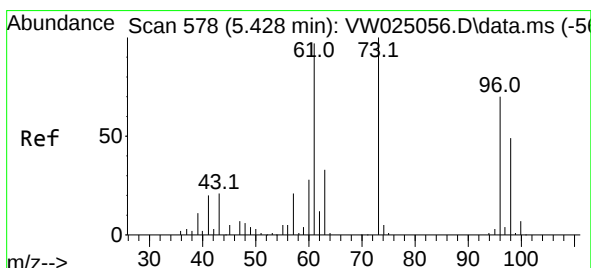
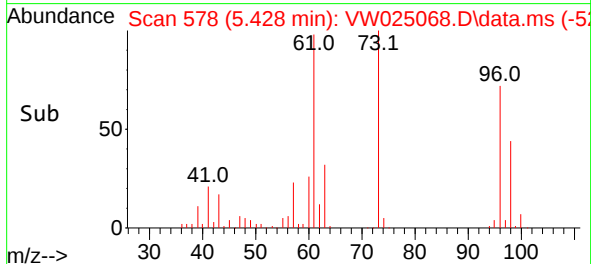
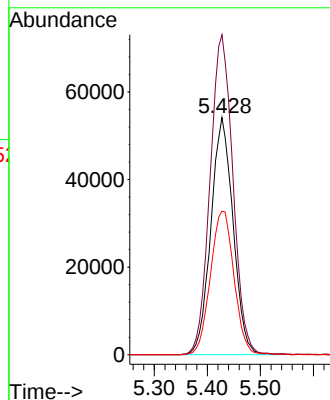
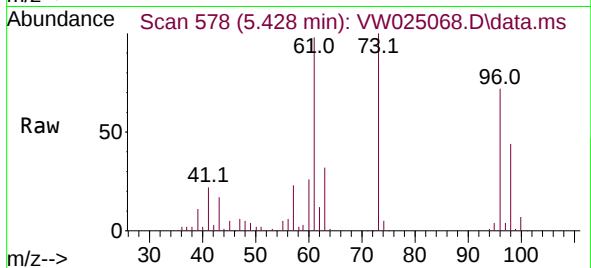
Tgt Ion: 96 Resp: 157484

Ion Ratio Lower Upper

96 100

61 134.9 97.6 181.2

98 60.5 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 26.580 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

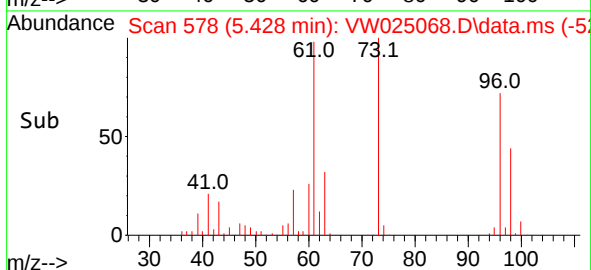
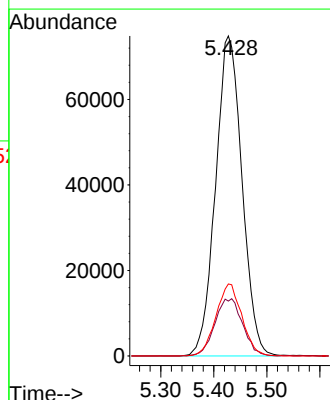
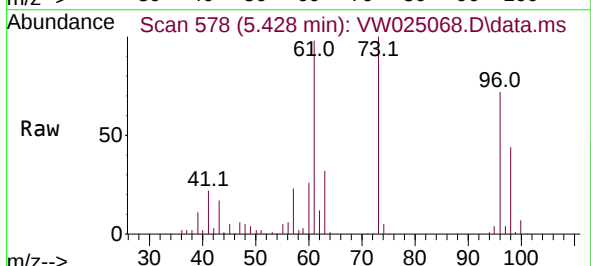
Tgt Ion: 73 Resp: 259121

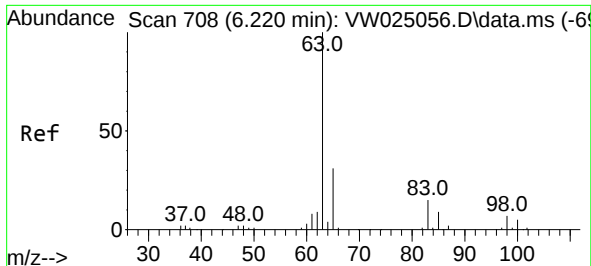
Ion Ratio Lower Upper

73 100

43 18.9 16.6 24.8

57 22.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 28.732 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

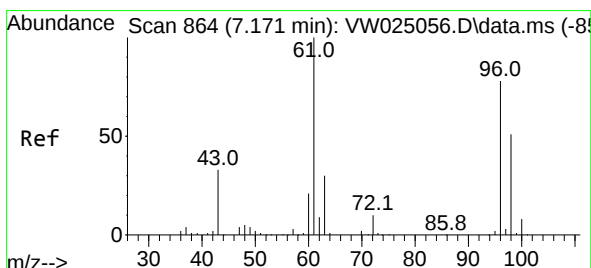
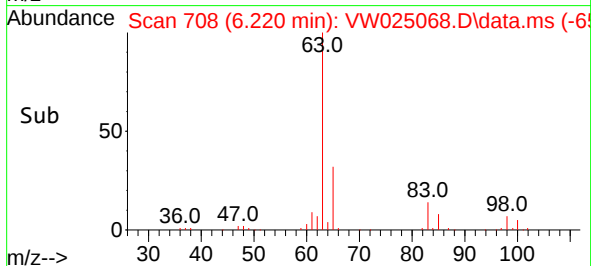
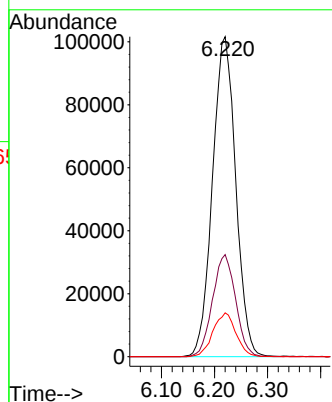
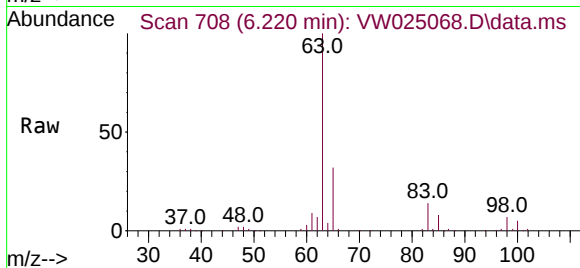
Tgt Ion: 63 Resp: 309144

Ion Ratio Lower Upper

63 100

65 31.9 22.2 41.2

83 13.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 28.844 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

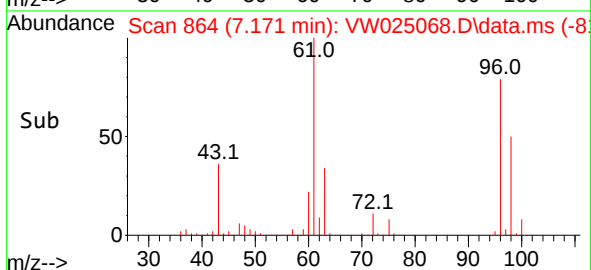
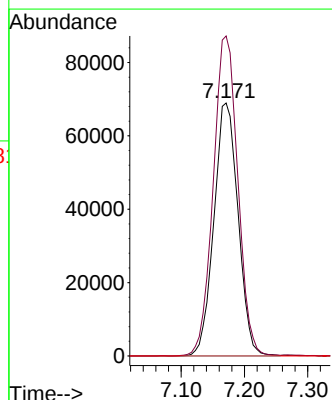
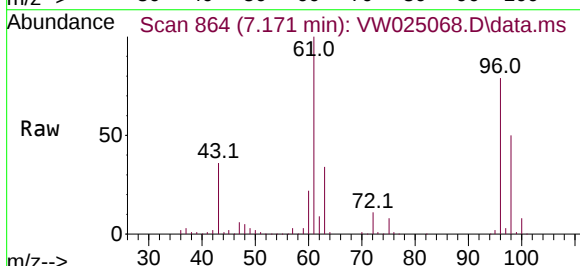
Tgt Ion: 96 Resp: 182703

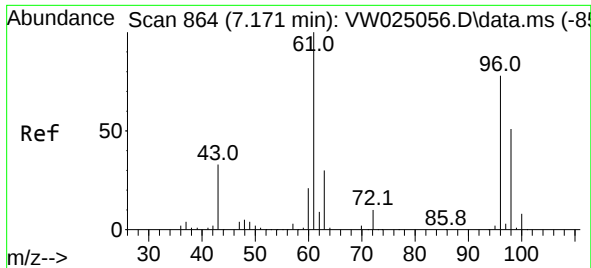
Ion Ratio Lower Upper

96 100

61 126.5 91.8 170.6

68 0.0 0.0 0.0

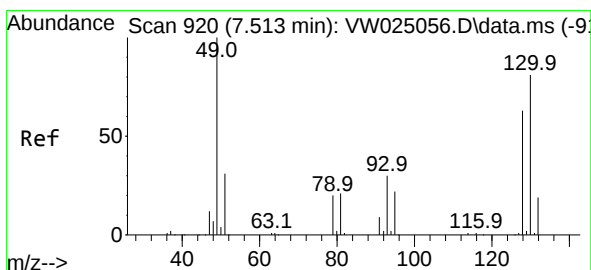
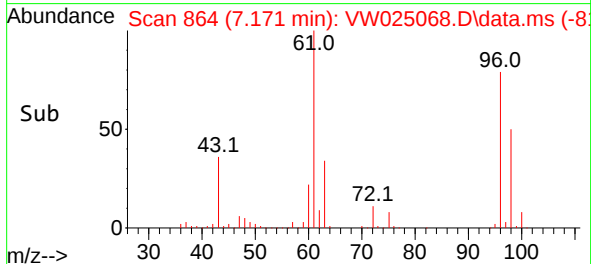
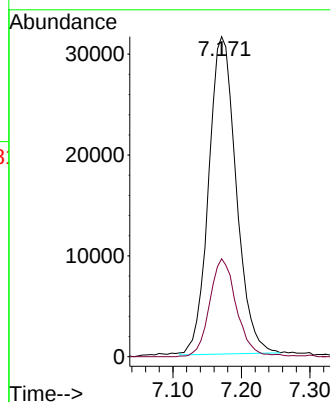
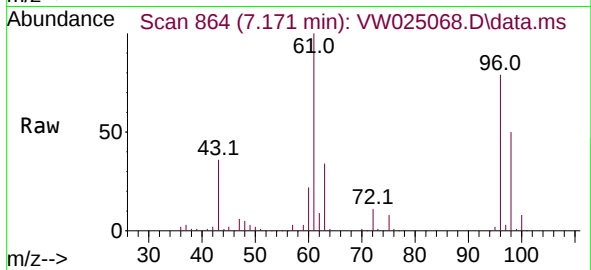




#22
2-Butanone
Concen: 49.778 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

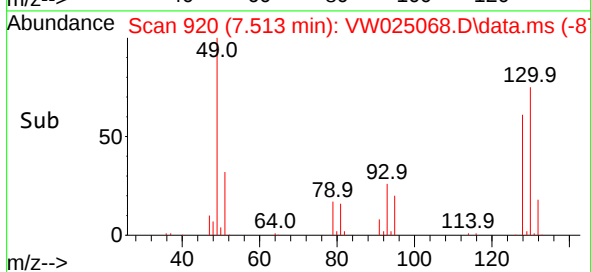
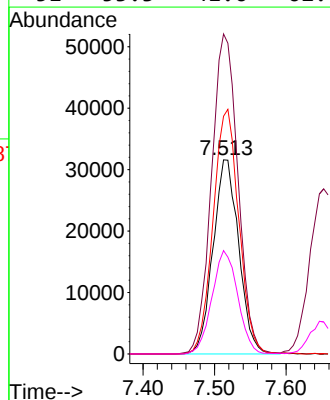
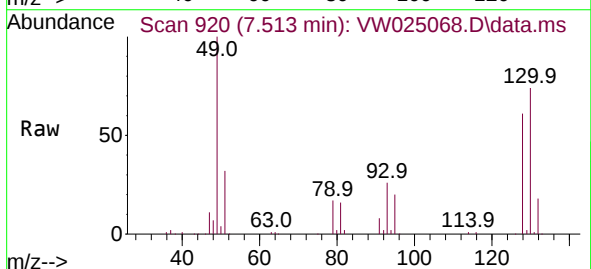
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

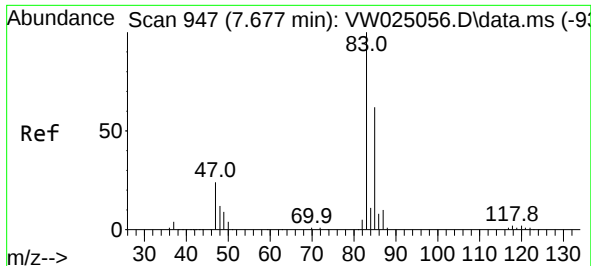
Tgt Ion: 43 Resp: 87814
Ion Ratio Lower Upper
43 100
72 29.9 14.6 44.0



#23
Bromochloromethane
Concen: 28.653 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion: 128 Resp: 78680
Ion Ratio Lower Upper
128 100
49 164.9 112.8 209.4
130 122.5 86.2 160.2
51 53.3 41.6 62.4

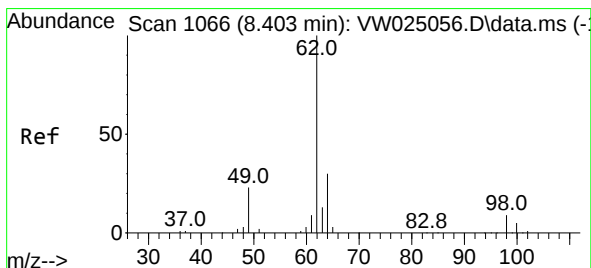
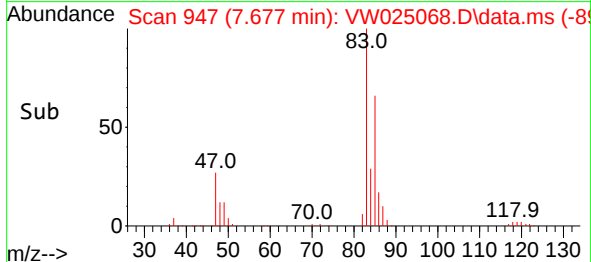
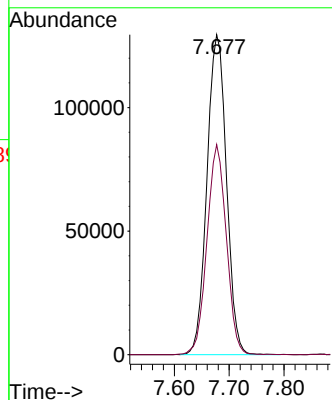
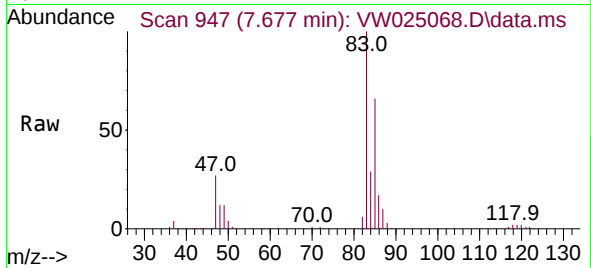




#25
Chloroform
Concen: 28.132 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

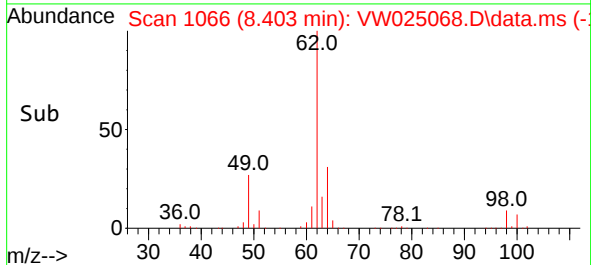
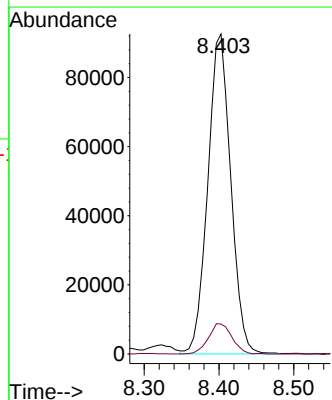
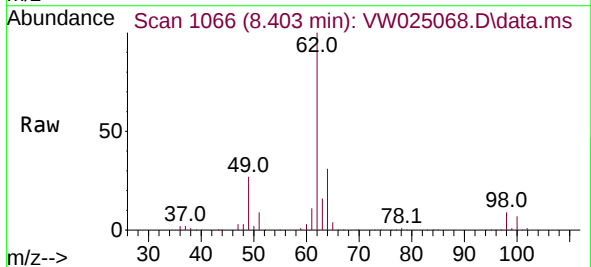
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

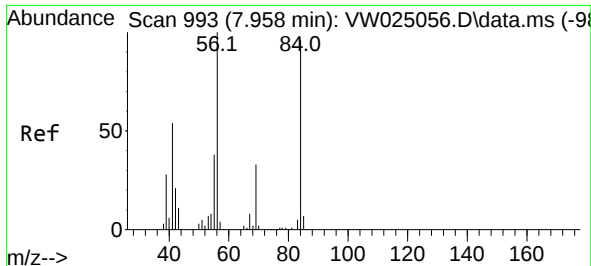
Tgt Ion: 83 Resp: 319445
Ion Ratio Lower Upper
83 100
85 65.7 47.5 88.3



#27
1,2-Dichloroethane
Concen: 25.654 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion: 62 Resp: 197597
Ion Ratio Lower Upper
62 100
98 9.4 7.0 10.4





#29

Cyclohexane

Concen: 26.151 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

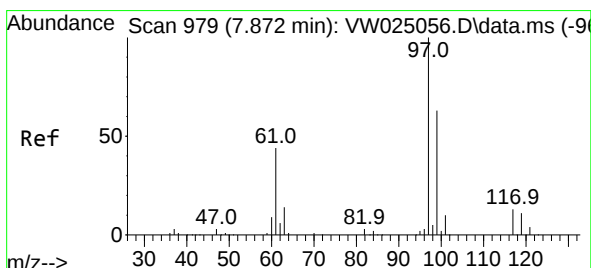
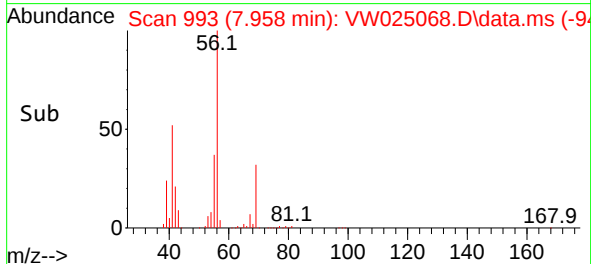
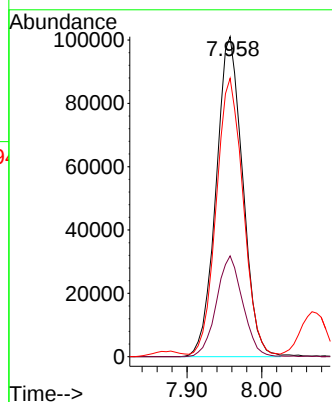
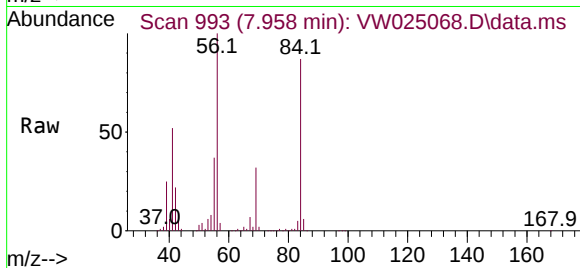
Tgt Ion: 56 Resp: 249905

Ion Ratio Lower Upper

56 100

69 30.9 25.0 37.4

84 88.3 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 24.731 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

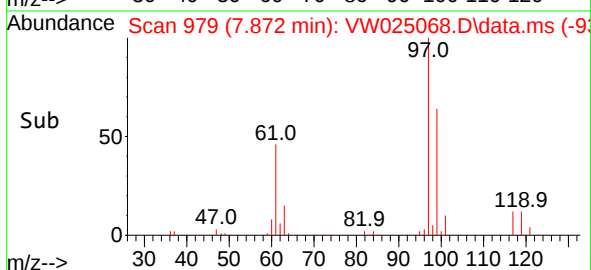
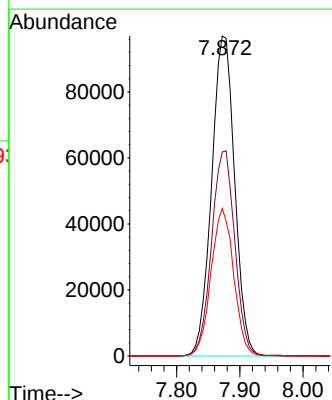
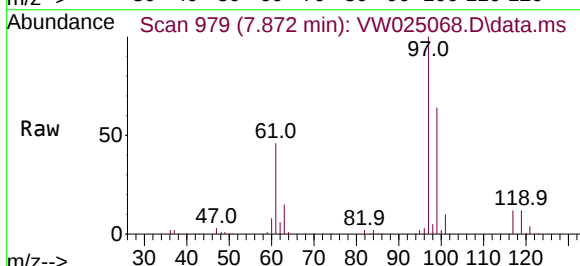
Tgt Ion: 97 Resp: 244936

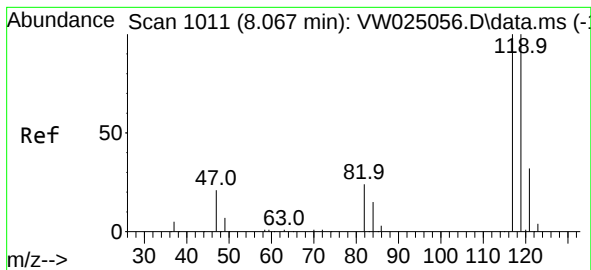
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

61 45.4 36.6 54.8

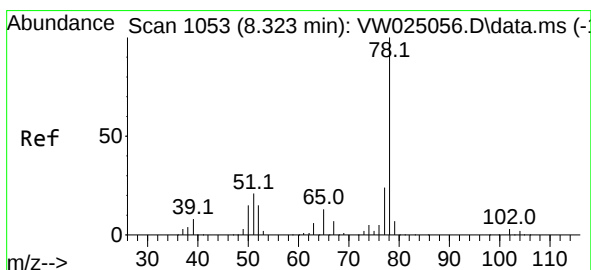
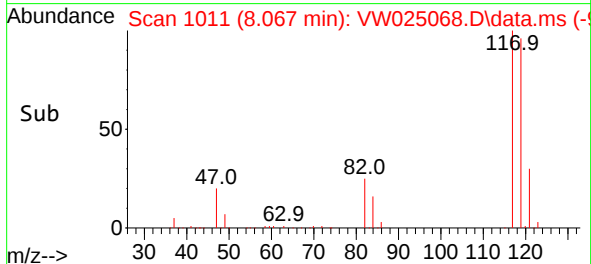
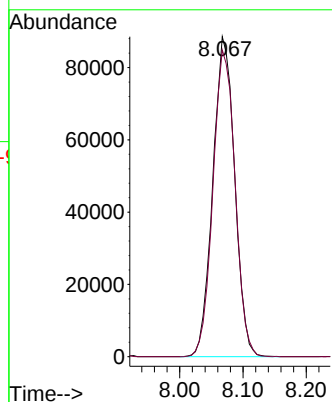
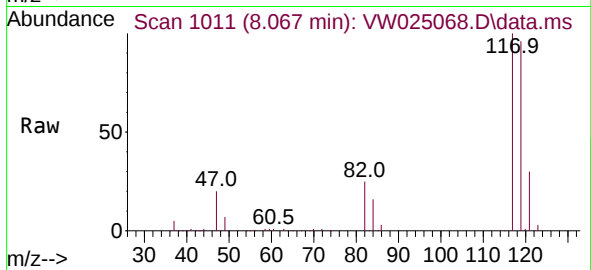




#31
Carbon tetrachloride
Concen: 23.994 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

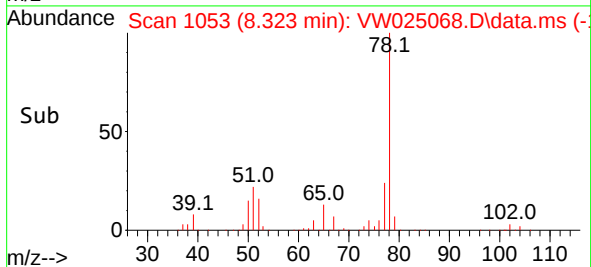
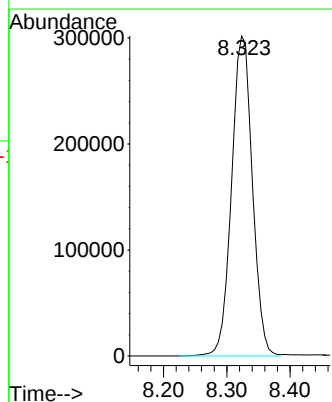
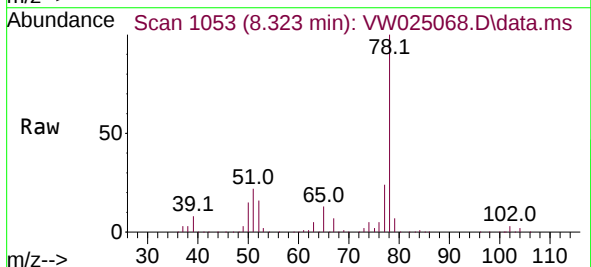
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

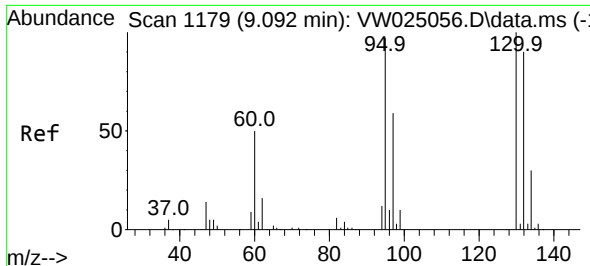
Tgt Ion:117 Resp: 212342
Ion Ratio Lower Upper
117 100
119 97.0 77.7 116.5



#33
Benzene
Concen: 28.311 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion: 78 Resp: 689974



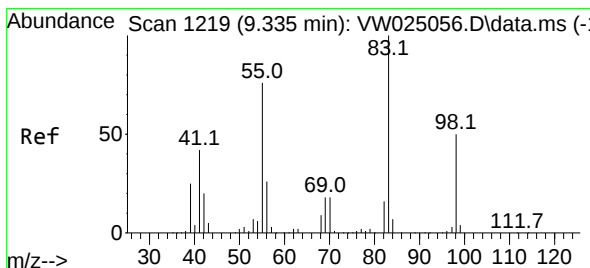
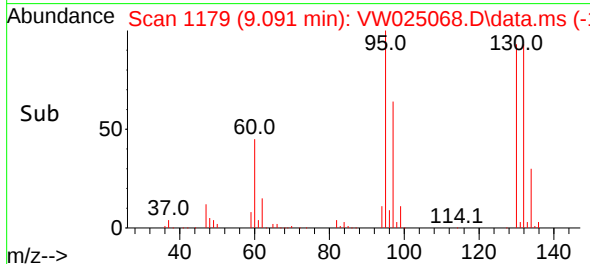
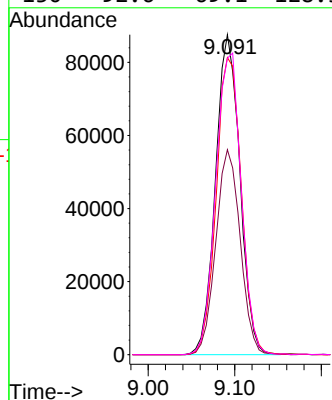
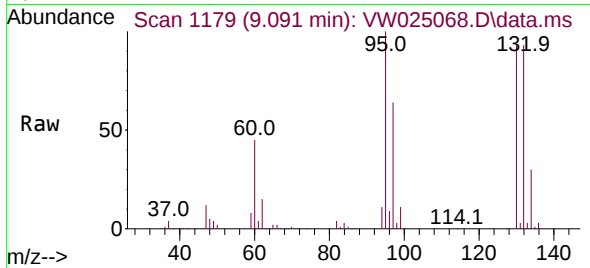


#34
Trichloroethene
Concen: 26.545 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Tgt Ion: 95 Resp: 171256

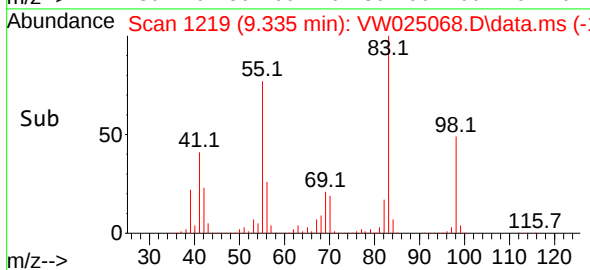
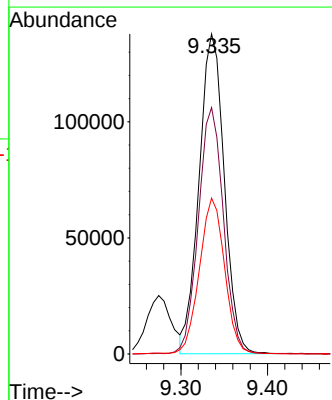
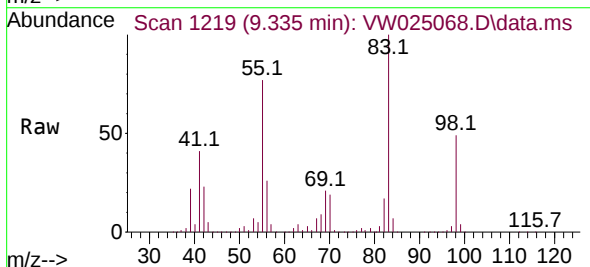
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.7	83.1
132	92.8	62.6	116.2
130	92.6	69.1	128.3

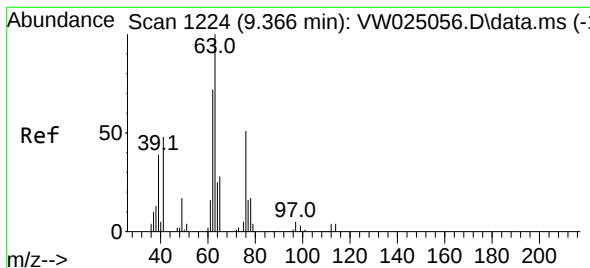


#35
Methylcyclohexane
Concen: 25.402 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion: 83 Resp: 278462

Ion	Ratio	Lower	Upper
83	100		
55	76.6	60.4	90.6
98	48.9	39.5	59.3





#37

1,2-Dichloropropane

Concen: 29.831 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

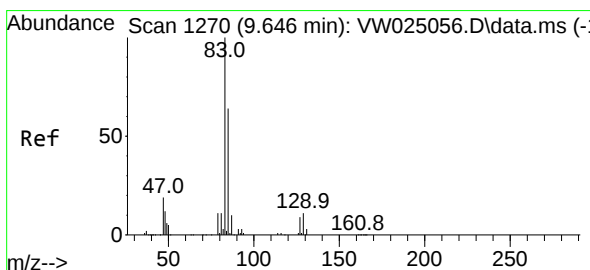
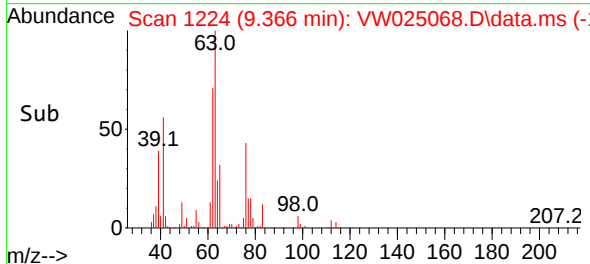
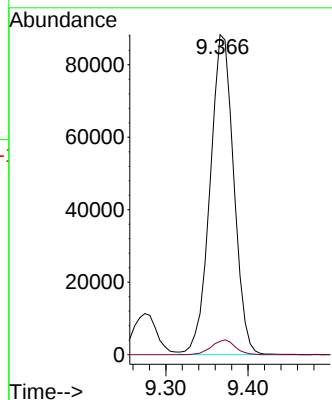
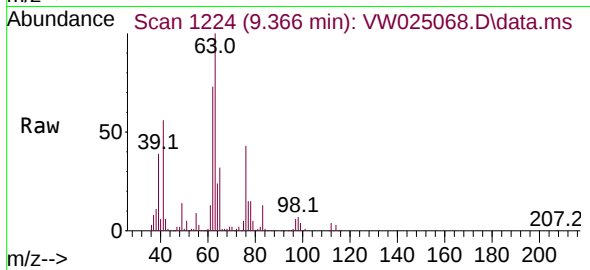
VSTD025500

Tgt Ion: 63 Resp: 176456

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 28.155 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

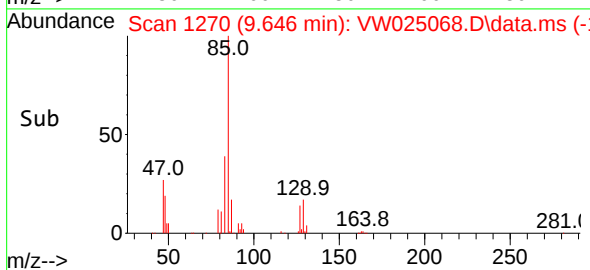
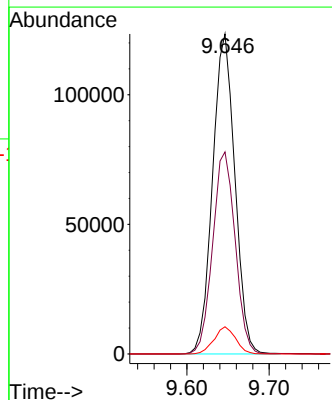
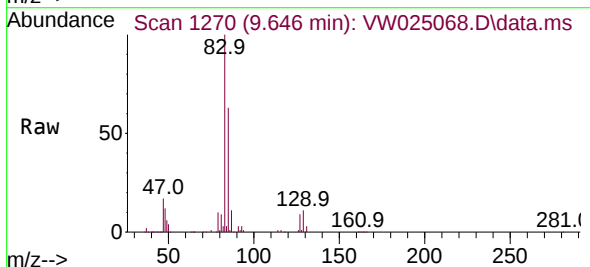
Tgt Ion: 83 Resp: 232432

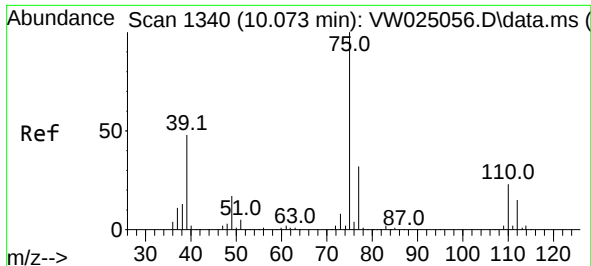
Ion Ratio Lower Upper

83 100

85 63.2 45.8 85.0

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 28.169 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

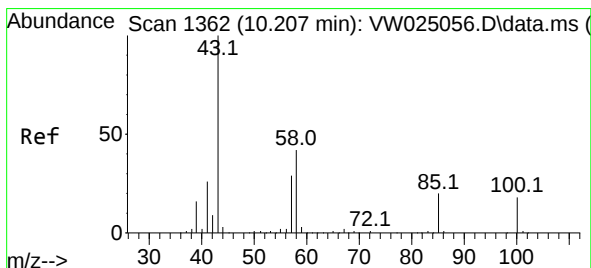
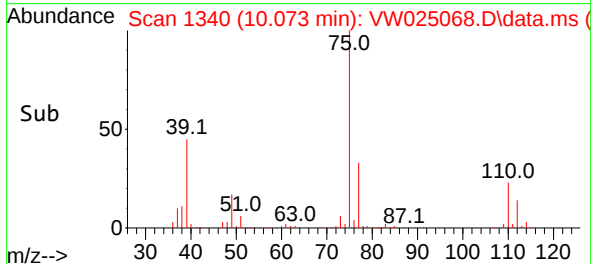
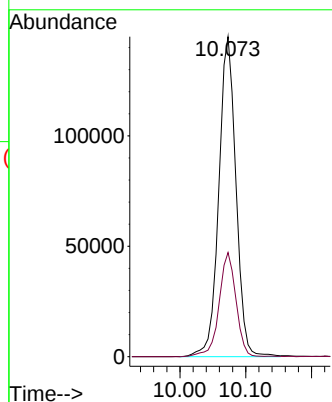
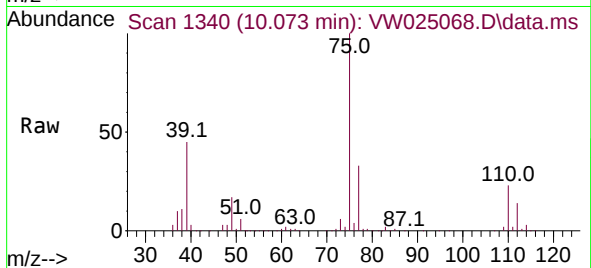
VSTD025500

Tgt Ion: 75 Resp: 263414

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 57.613 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

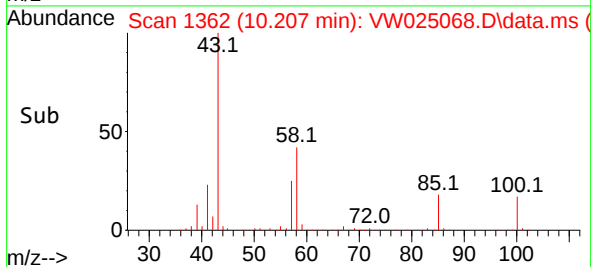
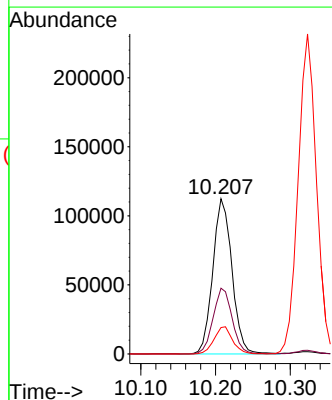
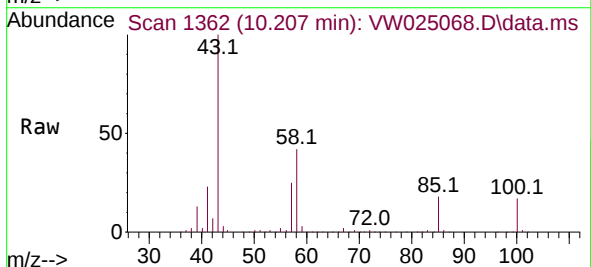
Tgt Ion: 43 Resp: 199984

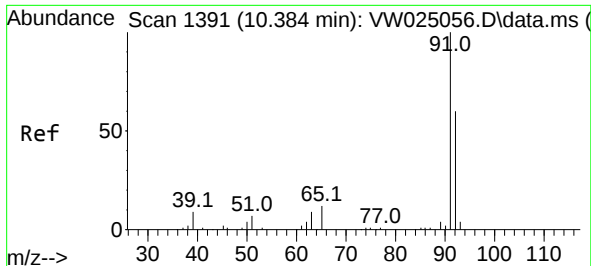
Ion Ratio Lower Upper

43 100

58 42.2 32.6 48.8

100 17.0 14.0 21.0

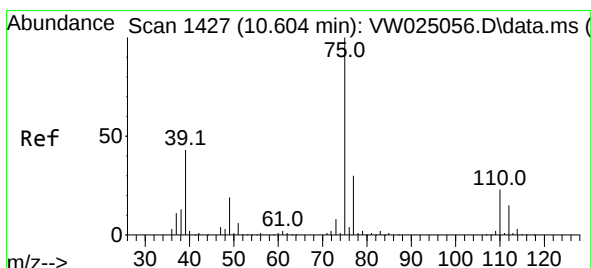
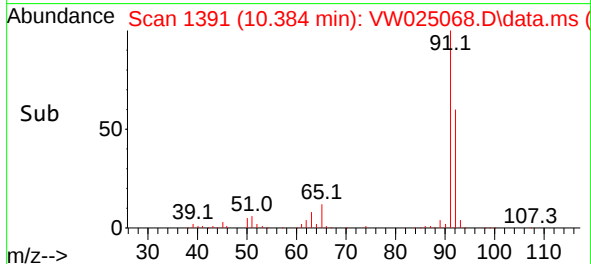
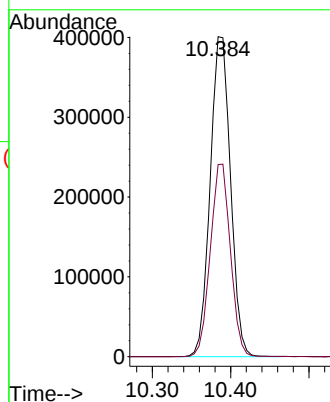
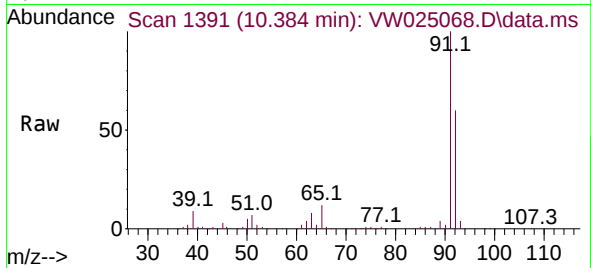




#42
Toluene
Concen: 27.906 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

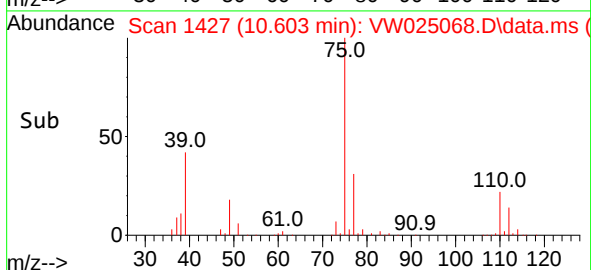
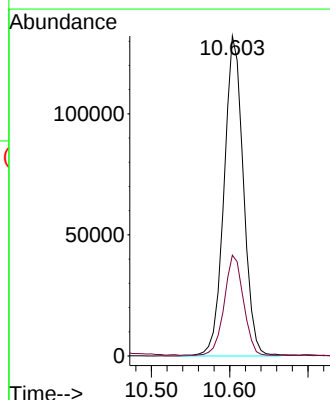
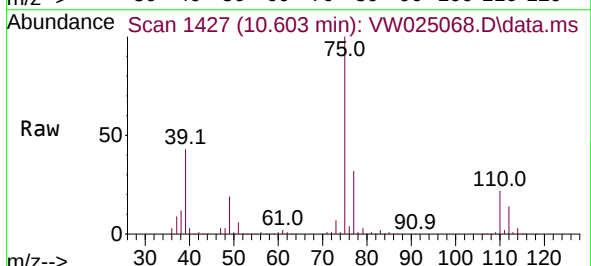
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

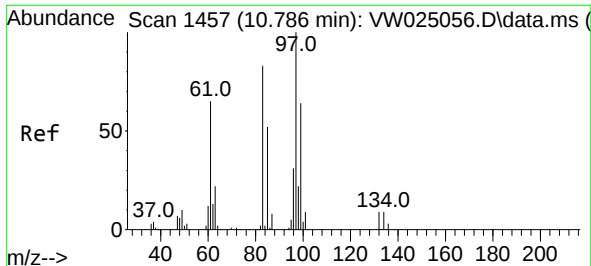
Tgt Ion: 91 Resp: 722035
Ion Ratio Lower Upper
91 100
92 60.1 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 27.263 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion: 75 Resp: 226650
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.5

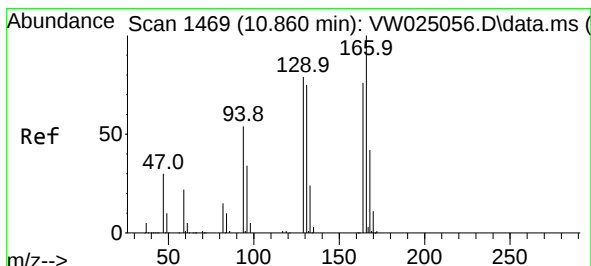
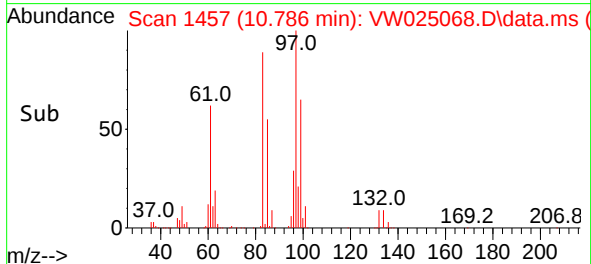
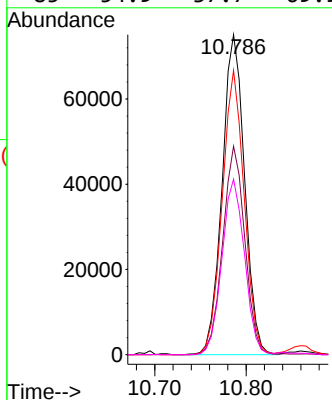
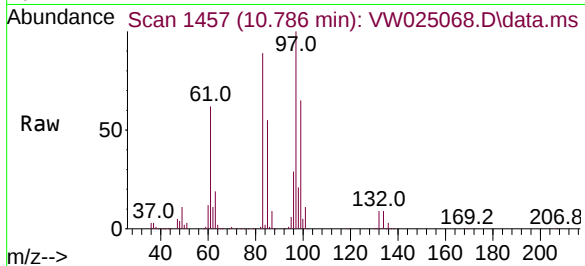




#45
1,1,2-Trichloroethane
Concen: 28.751 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

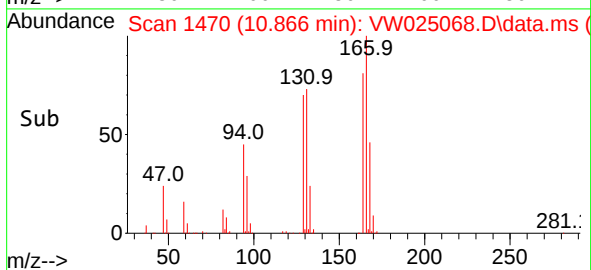
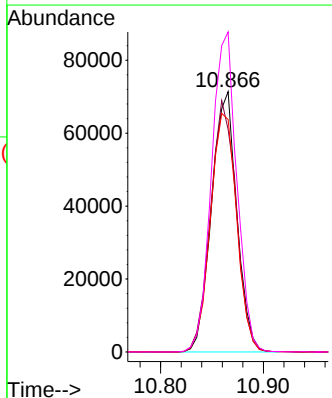
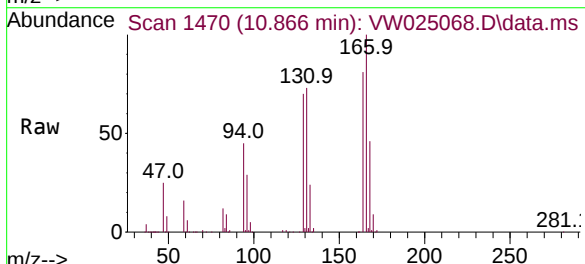
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

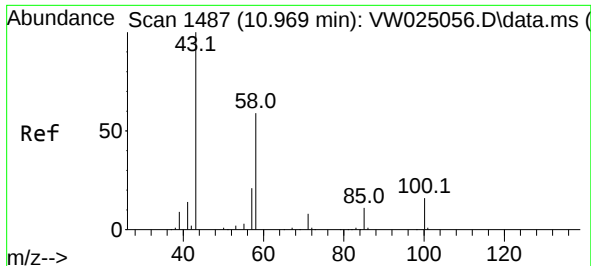
Tgt Ion:	97	Resp:	128408
Ion	Ratio	Lower	Upper
97	100		
99	65.1	44.0	81.6
83	88.8	59.9	111.3
85	54.9	37.7	69.9



#46
Tetrachloroethene
Concen: 26.328 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion:	164	Resp:	121476
Ion	Ratio	Lower	Upper
164	100		
129	85.5	72.9	135.5
131	89.3	70.1	130.3
166	122.9	80.2	148.9

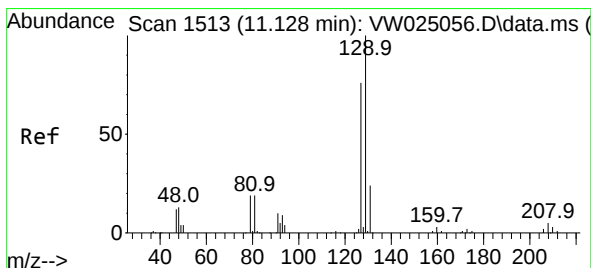
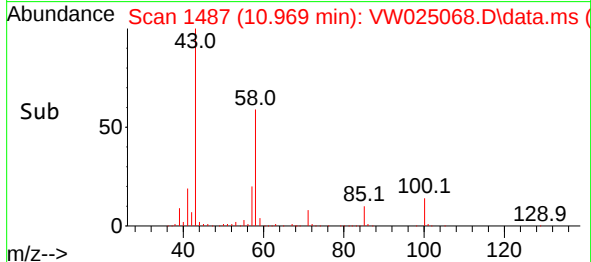
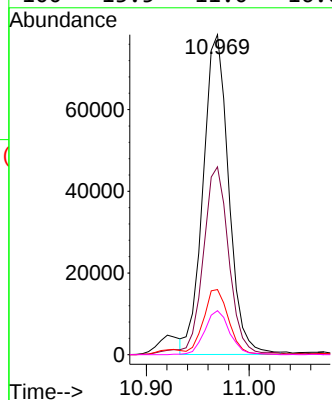
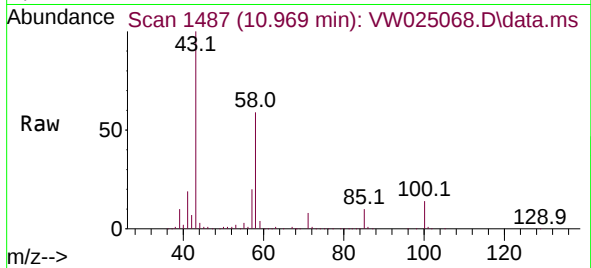




#48
2-Hexanone
Concen: 56.516 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

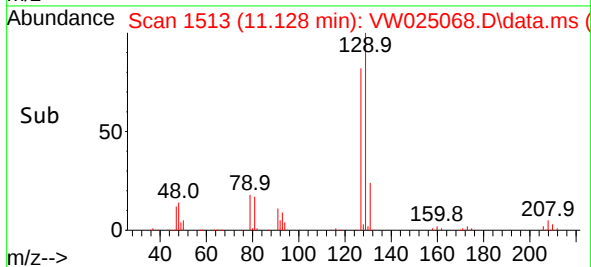
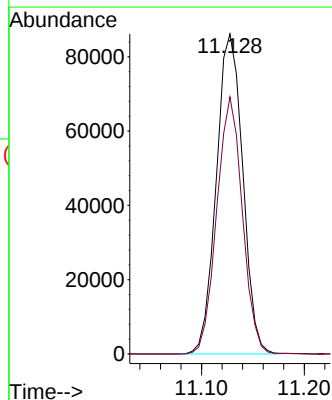
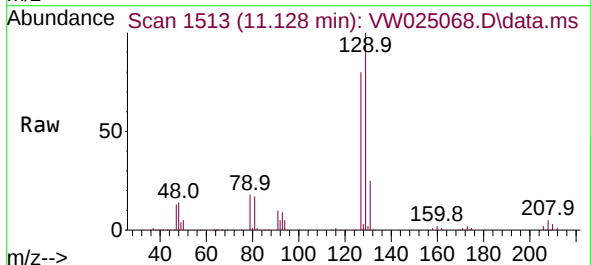
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

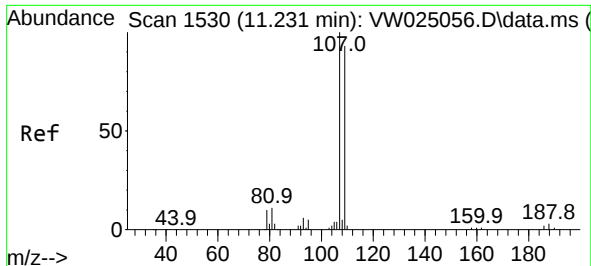
Tgt Ion:	43	Resp:	135672
Ion	Ratio	Lower	Upper
43	100		
58	56.4	46.1	69.1
57	20.2	16.2	24.2
100	13.5	11.0	16.6



#49
Dibromochloromethane
Concen: 28.202 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion:	129	Resp:	153533
Ion	Ratio	Lower	Upper
129	100		
127	80.3	53.2	98.8





#50

1,2-Dibromoethane

Concen: 28.238 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

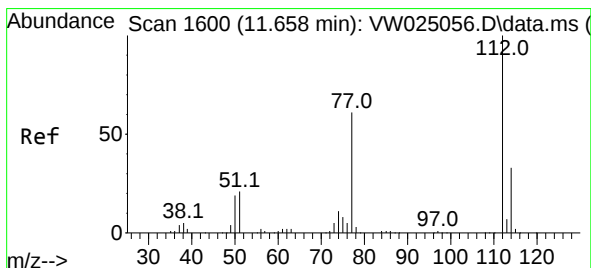
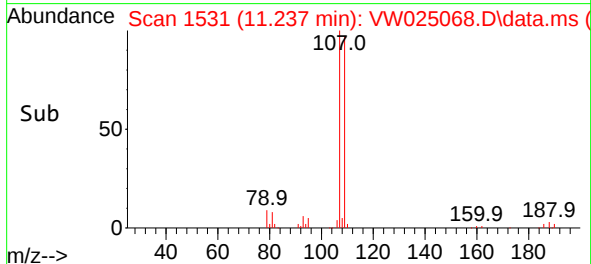
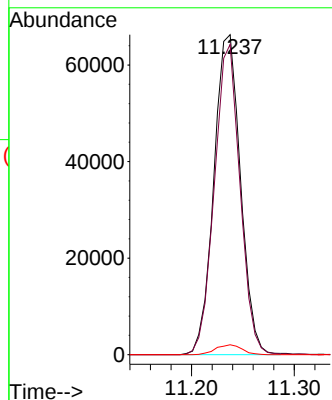
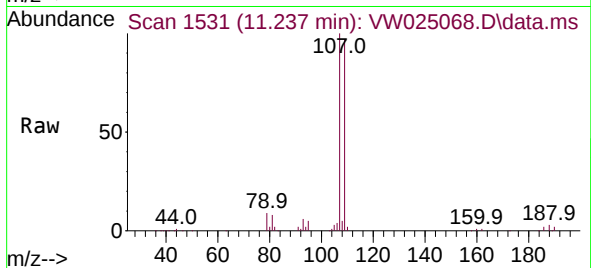
Tgt Ion:107 Resp: 119276

Ion Ratio Lower Upper

107 100

109 96.9 64.5 119.7

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 27.739 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

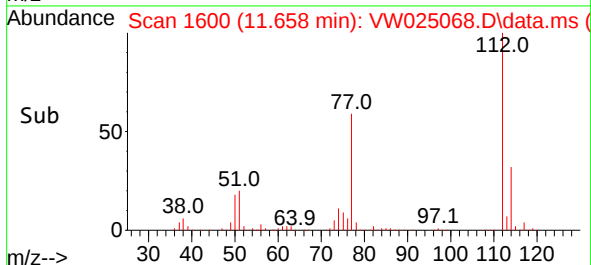
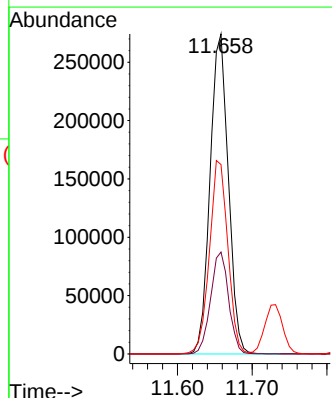
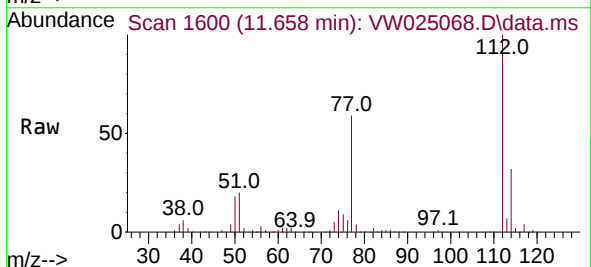
Tgt Ion:112 Resp: 465218

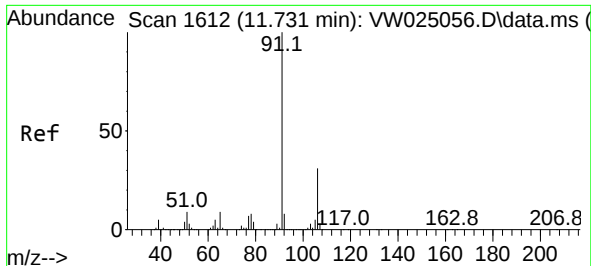
Ion Ratio Lower Upper

112 100

114 31.9 20.8 38.6

77 59.2 48.2 72.2

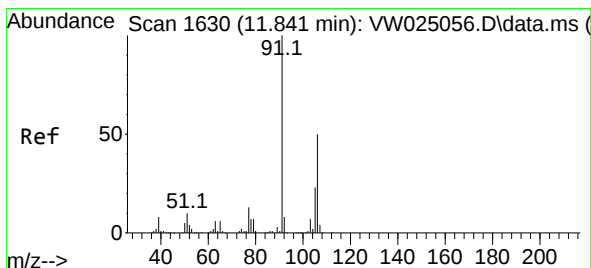
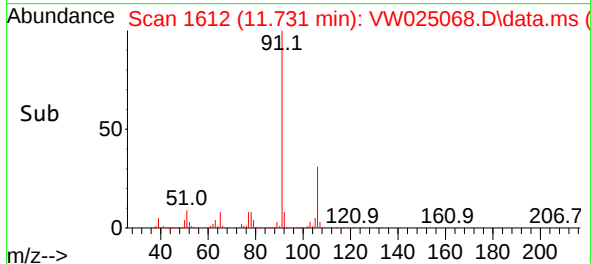
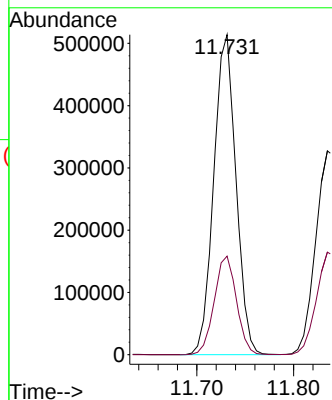
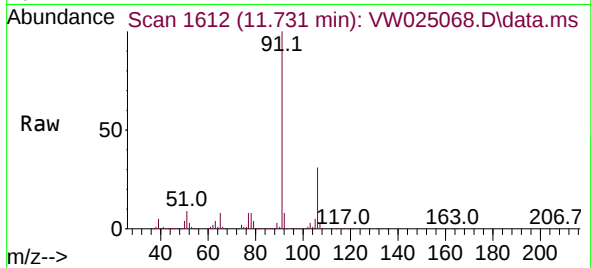




#52
Ethylbenzene
Concen: 27.462 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

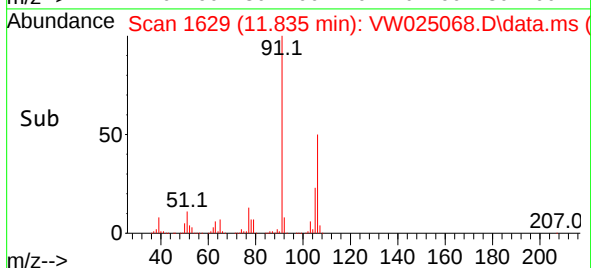
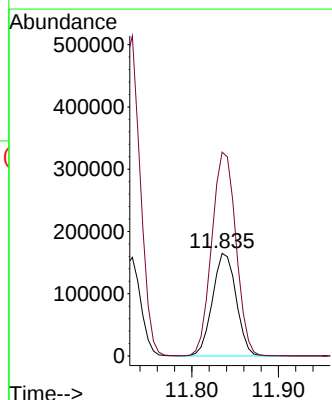
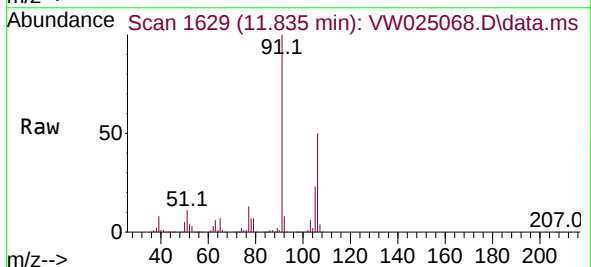
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

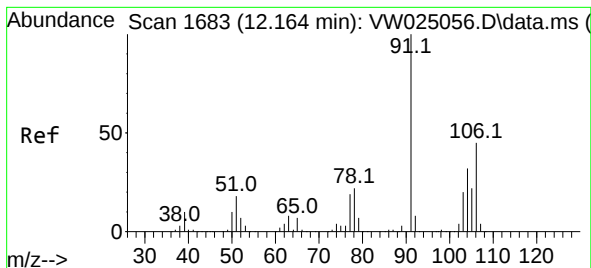
Tgt Ion: 91 Resp: 820201
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.5



#53
m,p-Xylene
Concen: 27.099 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion:106 Resp: 313286
Ion Ratio Lower Upper
106 100
91 198.7 143.9 267.2





#54

o-Xylene

Concen: 27.941 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

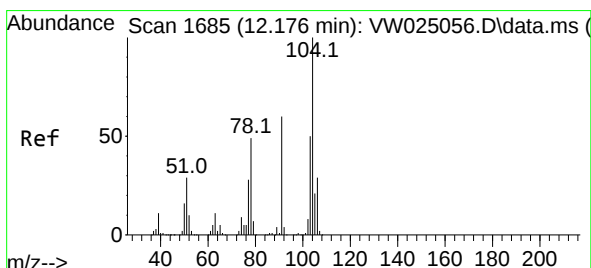
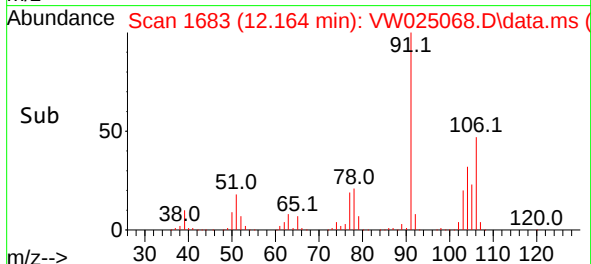
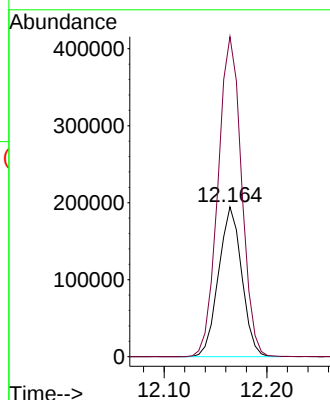
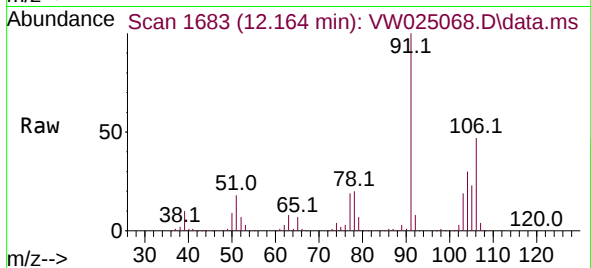
VSTD025500

Tgt Ion:106 Resp: 304743

Ion Ratio Lower Upper

106 100

91 213.7 153.5 285.1



#55

Styrene

Concen: 28.025 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW025068.D

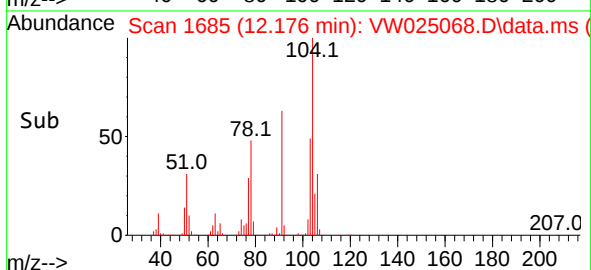
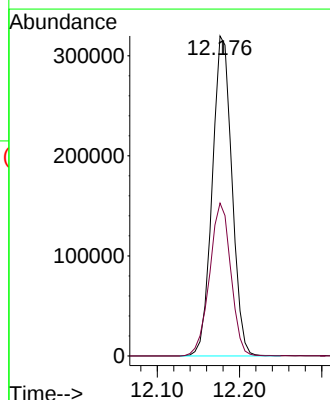
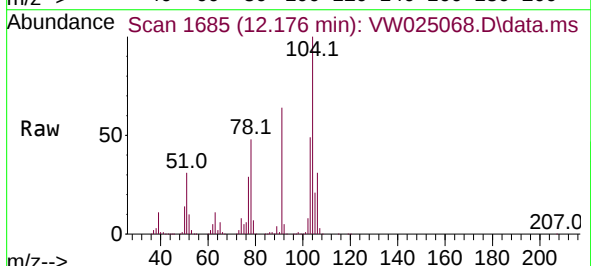
Acq: 16 Nov 2022 19:15

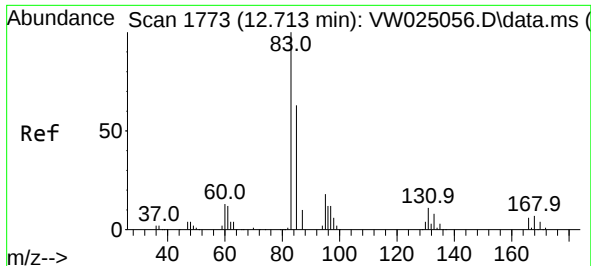
Tgt Ion:104 Resp: 530893

Ion Ratio Lower Upper

104 100

78 47.8 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 29.270 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

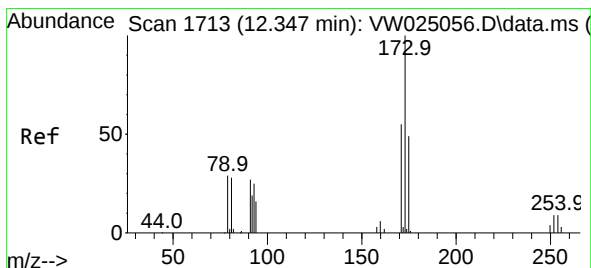
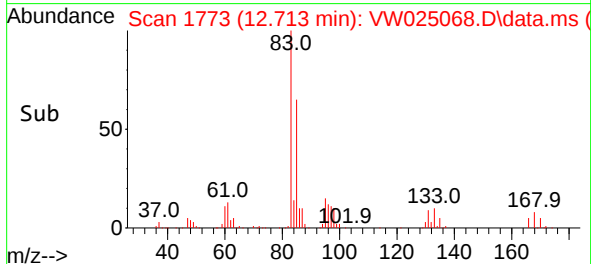
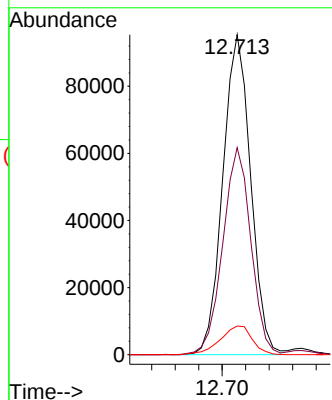
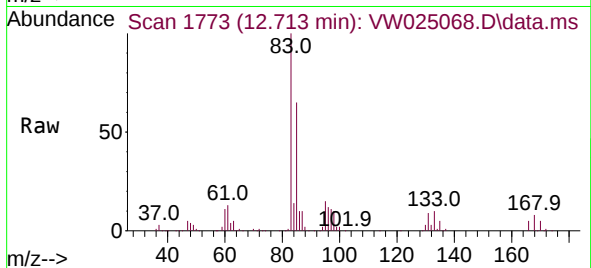
Tgt Ion: 83 Resp: 156821

Ion Ratio Lower Upper

83 100

85 64.7 46.4 86.2

131 8.9 8.2 12.4



#59

Bromoform

Concen: 28.160 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

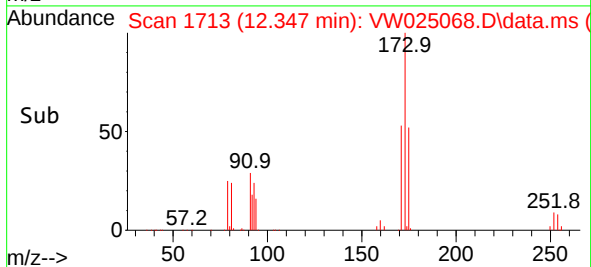
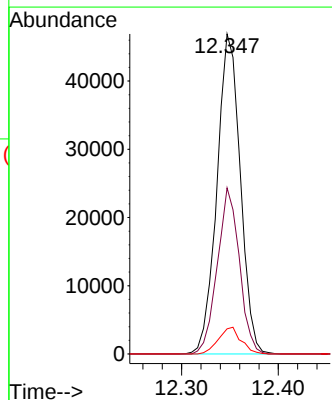
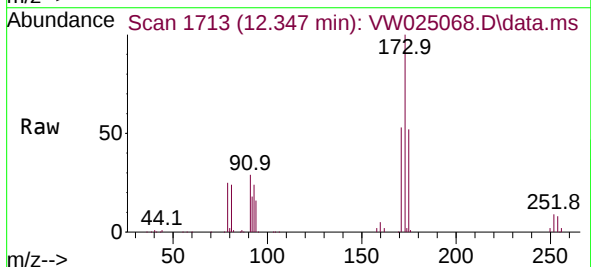
Tgt Ion:173 Resp: 78651

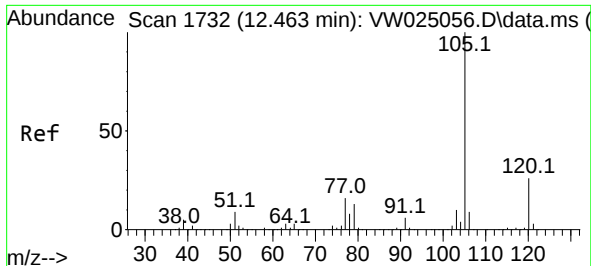
Ion Ratio Lower Upper

173 100

175 48.9 37.4 56.2

254 8.1 5.8 8.8

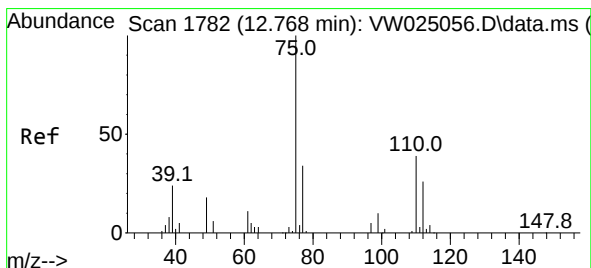
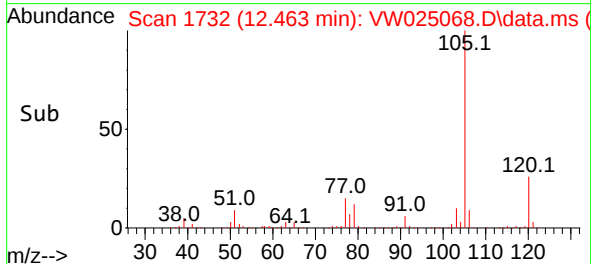
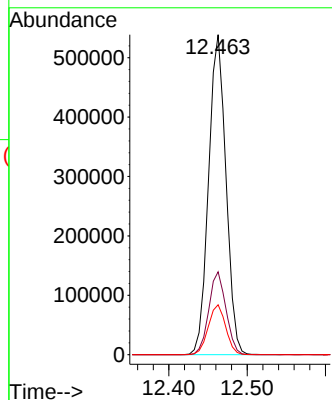
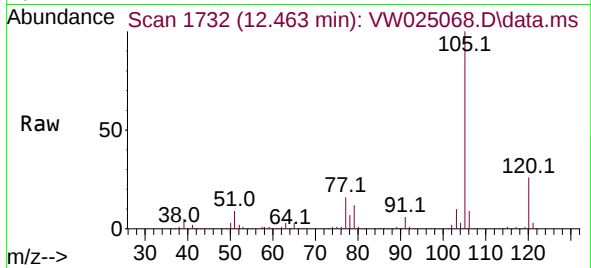




#60
Isopropylbenzene
Concen: 27.896 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

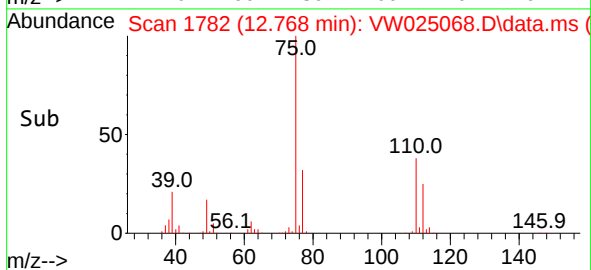
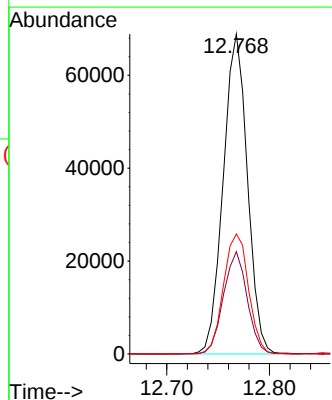
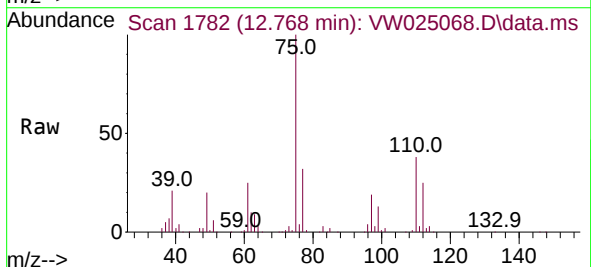
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

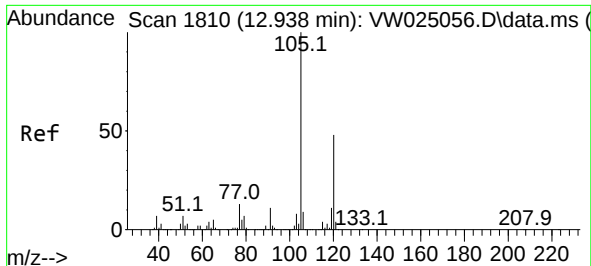
Tgt Ion:105 Resp: 828199
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 15.7 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 28.384 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion: 75 Resp: 112610
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
110 38.8 31.7 47.5

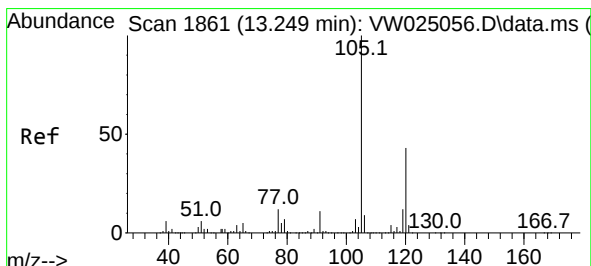
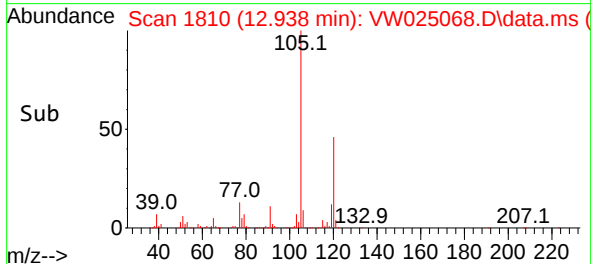
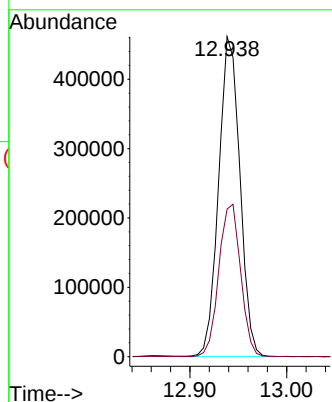
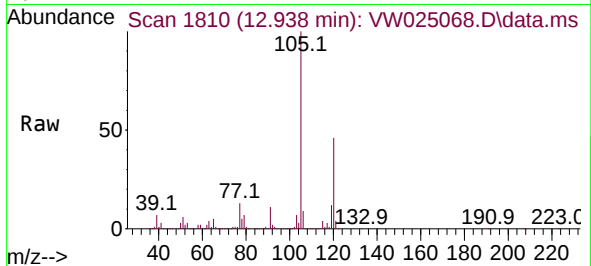




#62
1,3,5-Trimethylbenzene
Concen: 27.315 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

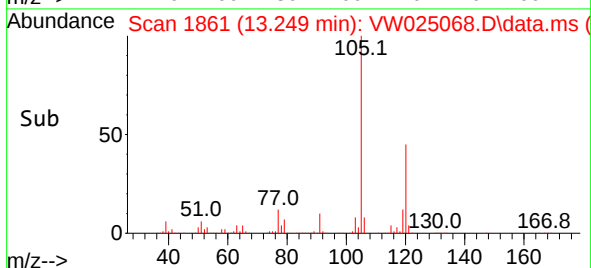
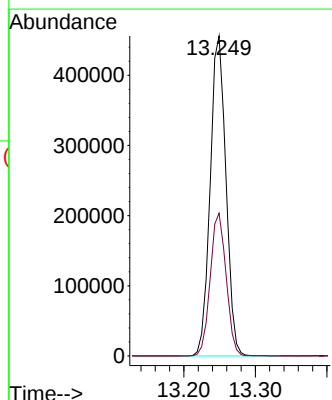
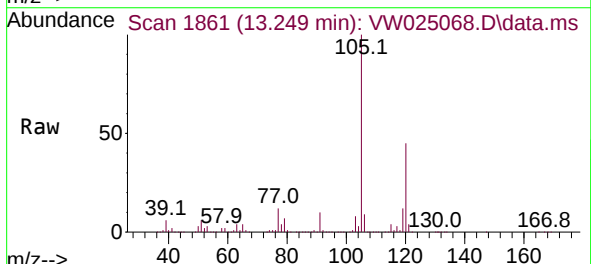
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

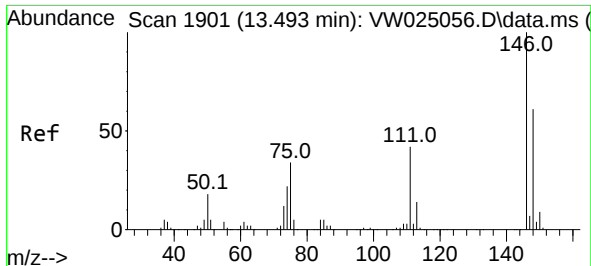
Tgt Ion:105 Resp: 703953
Ion Ratio Lower Upper
105 100
120 48.9 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 27.599 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion:105 Resp: 697478
Ion Ratio Lower Upper
105 100
120 44.9 35.7 53.5

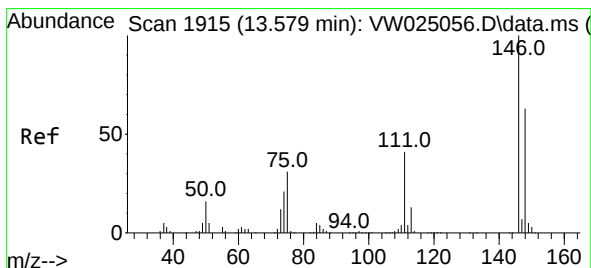
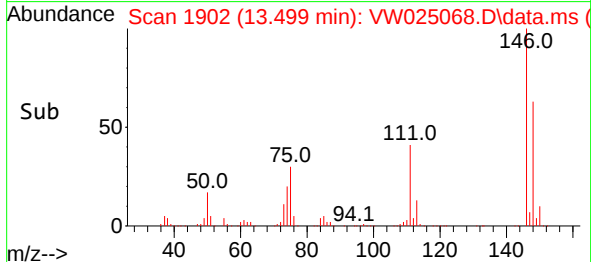
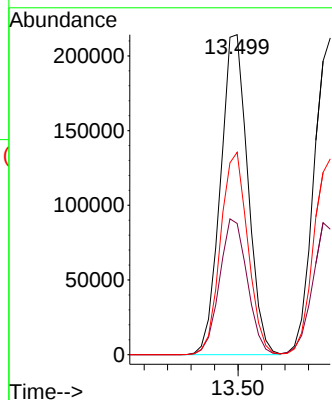
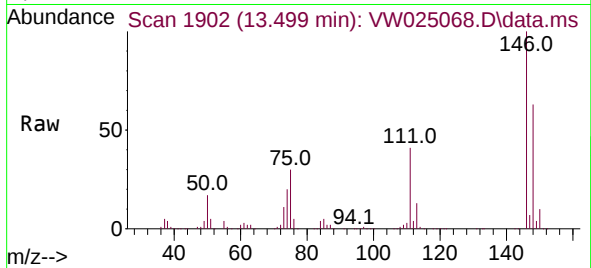




#64
1,3-Dichlorobenzene
Concen: 28.032 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

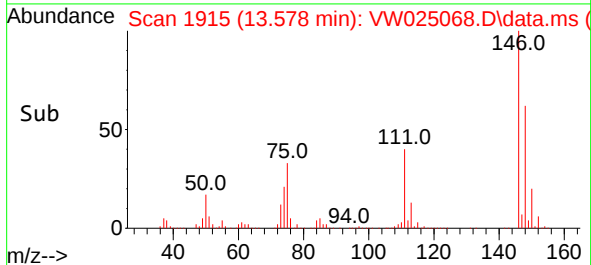
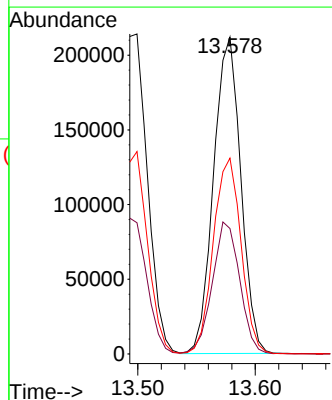
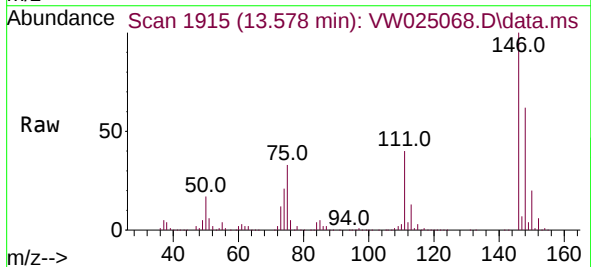
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

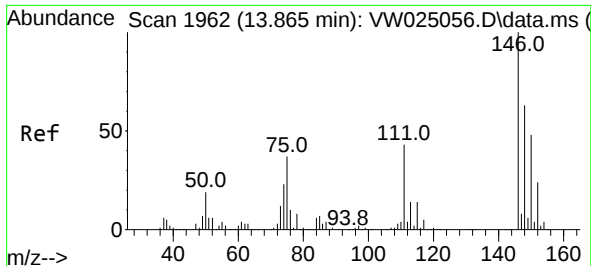
Tgt Ion:146 Resp: 347106
Ion Ratio Lower Upper
146 100
111 41.0 31.1 57.7
148 63.3 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 27.621 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion:146 Resp: 341273
Ion Ratio Lower Upper
146 100
111 39.6 28.8 53.6
148 61.8 44.7 82.9

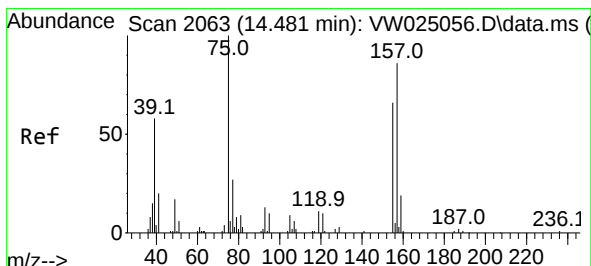
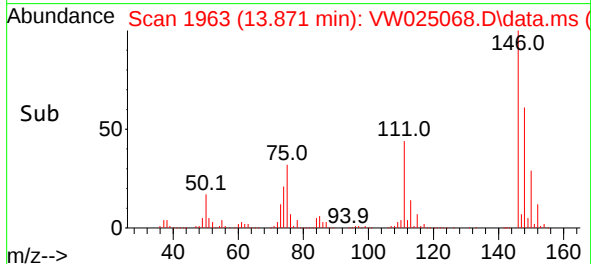
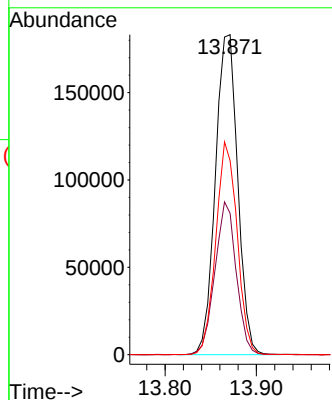
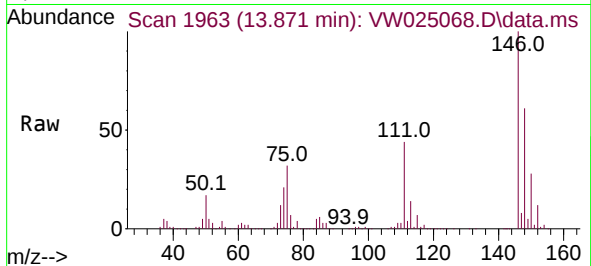




#67
1,2-Dichlorobenzene
Concen: 27.940 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

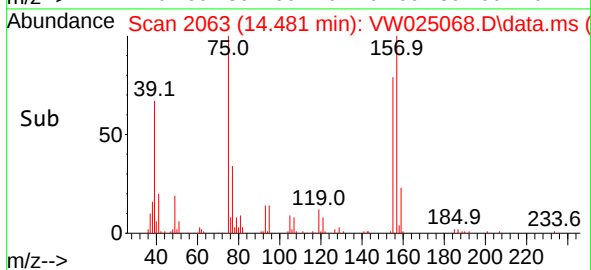
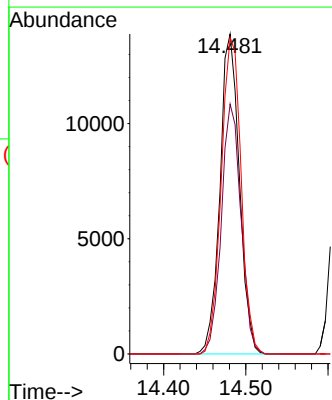
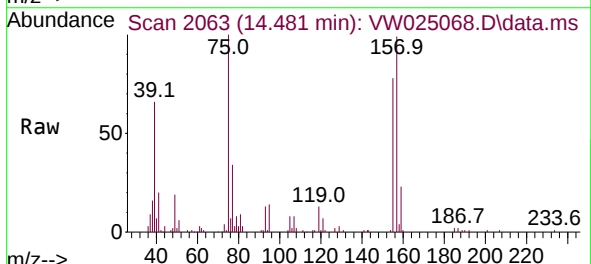
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

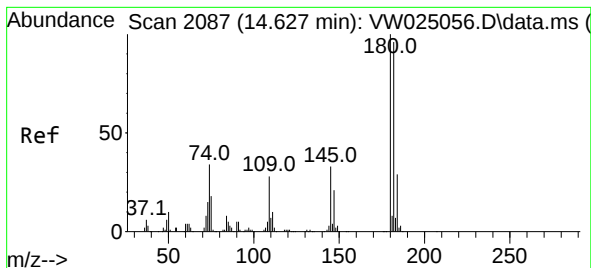
Tgt Ion:146 Resp: 311073
Ion Ratio Lower Upper
146 100
111 44.2 34.2 51.4
148 60.6 47.1 70.7



#68
1,2-Dibromo-3-chloropropane
Concen: 24.829 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW025068.D
Acq: 16 Nov 2022 19:15

Tgt Ion: 75 Resp: 22764
Ion Ratio Lower Upper
75 100
155 78.1 61.2 91.8
157 98.8 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 26.379 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

Tgt Ion:180 Resp: 216343

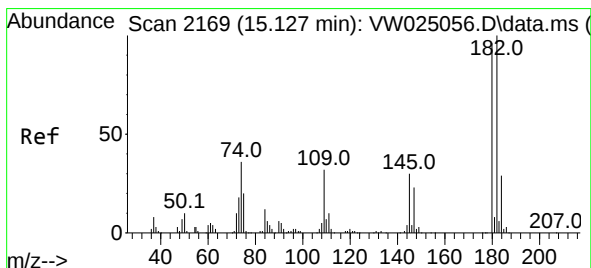
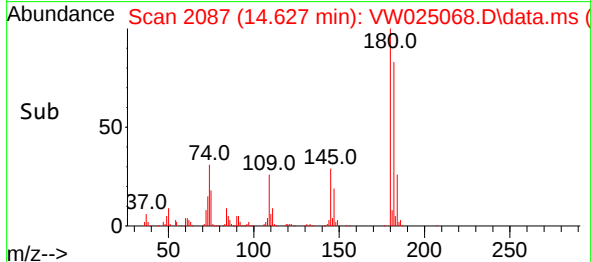
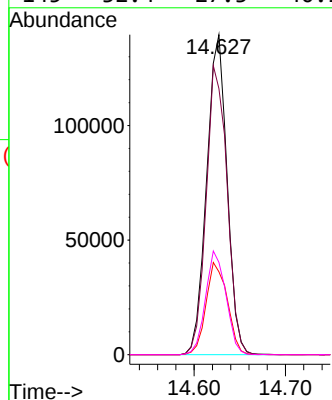
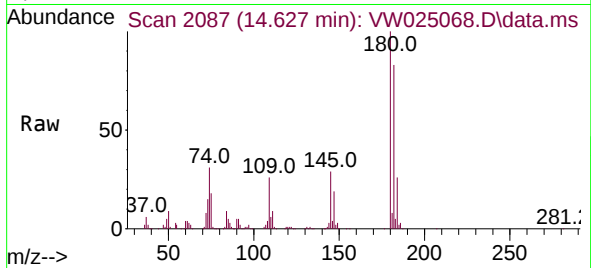
Ion Ratio Lower Upper

180 100

182 92.6 75.7 113.5

184 30.1 23.4 35.2

145 32.4 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 26.434 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

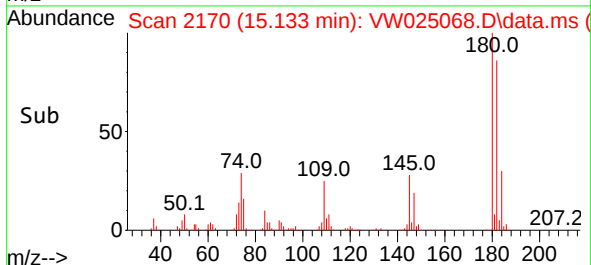
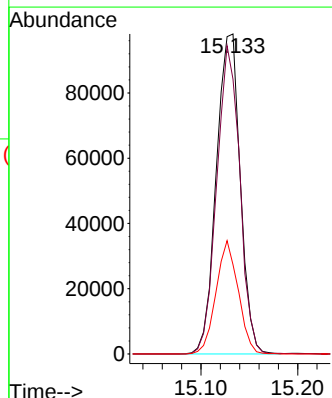
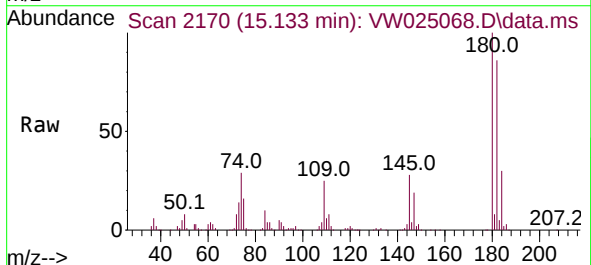
Tgt Ion:180 Resp: 168507

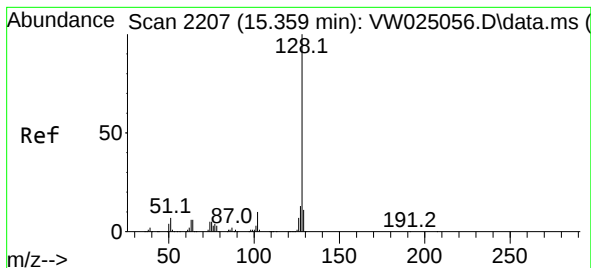
Ion Ratio Lower Upper

180 100

182 92.6 74.9 112.3

145 32.8 27.0 40.4





#71

Naphthalene

Concen: 26.755 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

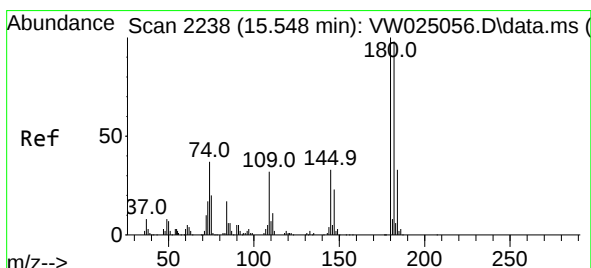
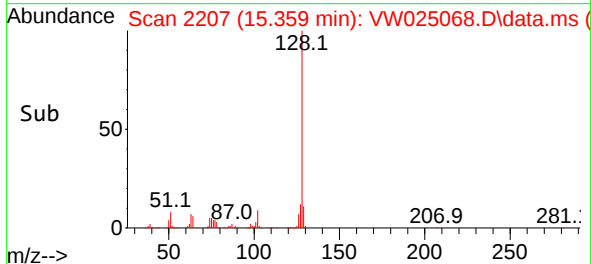
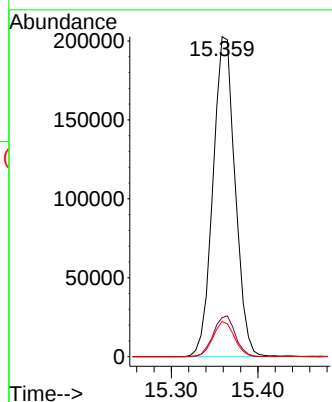
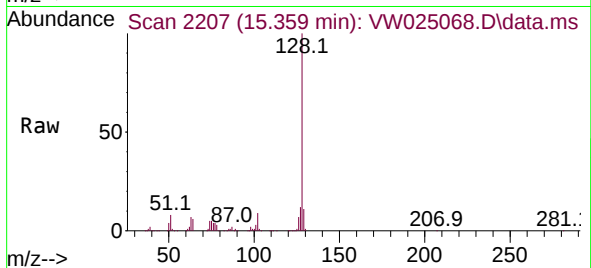
Tgt Ion:128 Resp: 359778

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.025 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW025068.D

Acq: 16 Nov 2022 19:15

Tgt Ion:180 Resp: 144550

Ion Ratio Lower Upper

180 100

182 95.7 74.1 111.1

145 35.5 28.2 42.2

