

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112222\
 Data File : VW025119.D
 Acq On : 22 Nov 2022 13:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025506

Quant Time: Nov 23 04:06:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 23 04:05:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	453232	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	398188	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	197797	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117402	21.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
7) Chloroethane-d5	2.885	69	74816	20.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	4.019	63	271749	22.670	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.680%
21) 2-Butanone-d5	7.074	46	57955	50.079	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.160%
24) Chloroform-d	7.647	84	274428	23.463	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.840%
26) 1,2-Dichloroethane-d4	8.305	65	134394	23.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.080%
32) Benzene-d6	8.275	84	556830	23.196	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	9.274	67	160914	23.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.720%
41) Toluene-d8	10.323	98	504738	23.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	10.573	79	65999	23.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.240%
47) 2-Hexanone-d5	10.920	63	46970	53.271	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114383	24.805	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	154027	22.843	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	38229	28.295	ug/L	100
3) Chloromethane	2.215	50	119554	23.881	ug/L	96
5) Vinyl chloride	2.361	62	163306	24.077	ug/L	98
6) Bromomethane	2.776	94	74462	22.585	ug/L	94
8) Chloroethane	2.922	64	69854	22.352	ug/L	95
9) Trichlorofluoromethane	3.257	101	112709	22.027	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	158016	25.786	ug/L	99
12) 1,1-Dichloroethene	4.038	96	152189	25.440	ug/L	96
13) Acetone	4.123	43	67614	54.527	ug/L	99
14) Carbon disulfide	4.385	76	493910	24.622	ug/L	100
15) Methyl Acetate	4.665	43	52859	26.134	ug/L	99
16) Methylene chloride	4.915	84	166421	20.673	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	162870	25.629	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	218221	25.909	ug/L	100
19) 1,1-Dichloroethane	6.220	63	286750	25.608	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	167684	25.475	ug/L	91
22) 2-Butanone	7.165	43	81940	52.454	ug/L	97
23) Bromochloromethane	7.519	128	70534	26.424	ug/L	98
25) Chloroform	7.677	83	286969	25.607	ug/L	99

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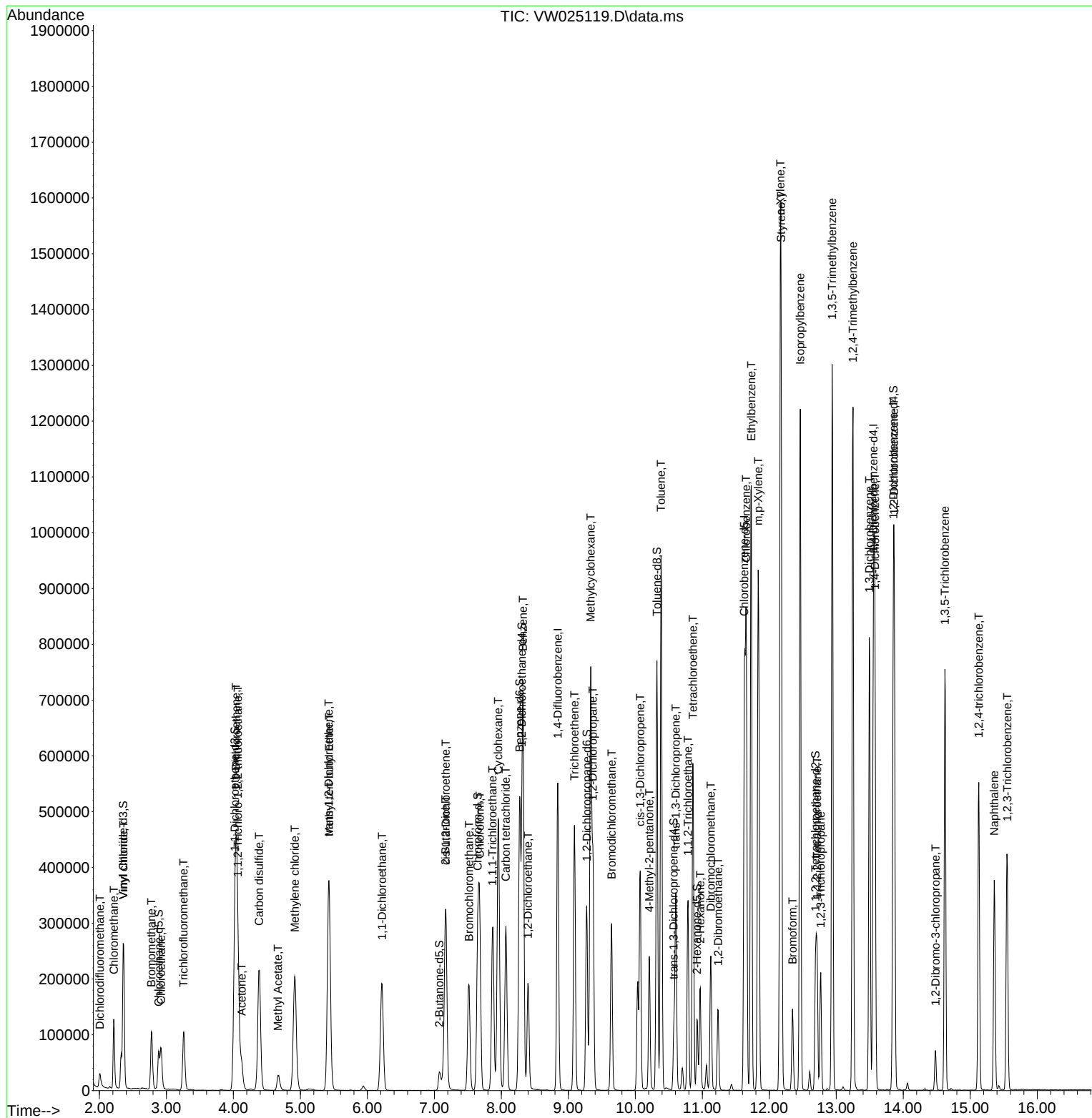
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	176644	26.112	ug/L	99
29) Cyclohexane	7.951	56	284974	26.001	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	242777	25.072	ug/L	99
31) Carbon tetrachloride	8.067	117	220922	25.141	ug/L	100
33) Benzene	8.323	78	657731	25.603	ug/L	100
34) Trichloroethene	9.092	95	171228	25.430	ug/L	96
35) Methylcyclohexane	9.335	83	317044	26.028	ug/L	99
37) 1,2-Dichloropropane	9.366	63	157013	25.403	ug/L	99
38) Bromodichloromethane	9.646	83	203552	25.780	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	239296	25.833	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	152269	55.764	ug/L	100
42) Toluene	10.384	91	697241	25.740	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	201673	26.654	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	106189	25.668	ug/L	98
46) Tetrachloroethene	10.860	164	128533	25.664	ug/L	97
48) 2-Hexanone	10.969	43	114904	58.250	ug/L	98
49) Dibromochloromethane	11.128	129	126810	25.656	ug/L	87
50) 1,2-Dibromoethane	11.237	107	98967	25.766	ug/L	97
51) Chlorobenzene	11.652	112	433691	25.810	ug/L	99
52) Ethylbenzene	11.731	91	793845	26.042	ug/L	97
53) m,p-Xylene	11.835	106	301094	25.744	ug/L	95
54) o-Xylene	12.164	106	285077	26.101	ug/L	99
55) Styrene	12.176	104	486752	26.589	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	122199	26.754	ug/L	94
59) Bromoform	12.347	173	63807	25.170	ug/L	96
60) Isopropylbenzene	12.463	105	786325	24.569	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89061	25.170	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	686742	25.110	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	668173	25.335	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	324360	25.048	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	315573	24.587	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	286808	25.580	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18533	26.082	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	218741	26.247	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166415	26.953	ug/L	97
71) Naphthalene	15.359	128	317555	28.055	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	138521	26.902	ug/L	99

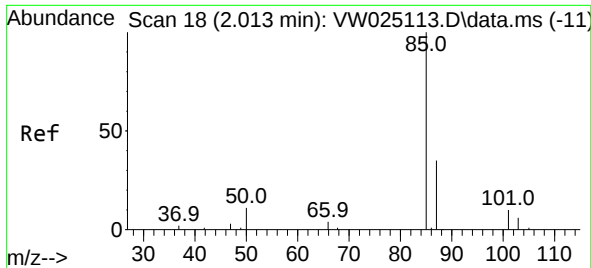
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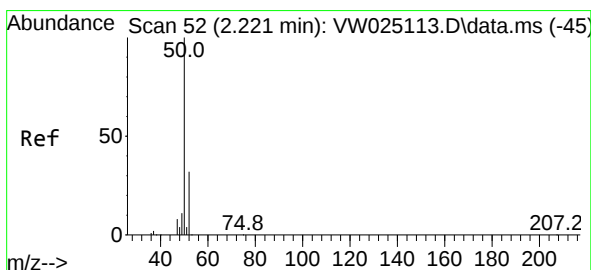
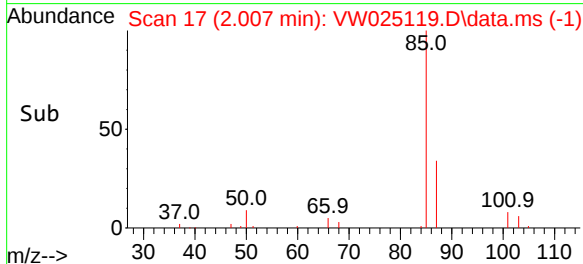
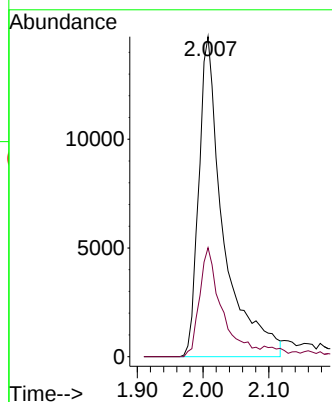
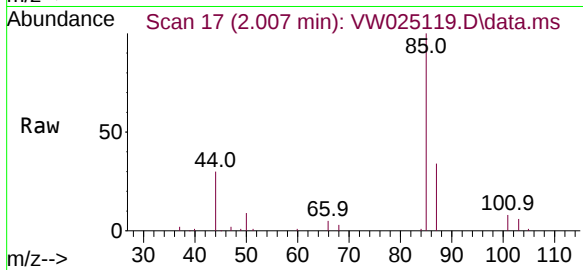




#2
 Dichlorodifluoromethane
 Concen: 28.295 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW025119.D
 Acq: 22 Nov 2022 13:50

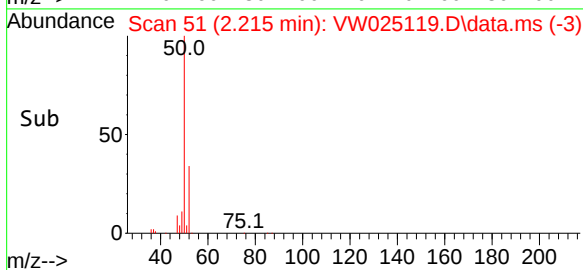
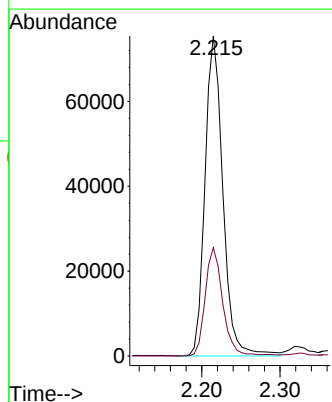
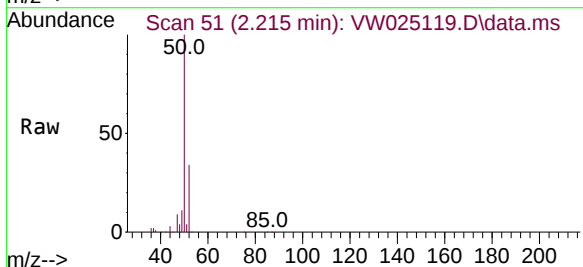
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 ClientSampleId :
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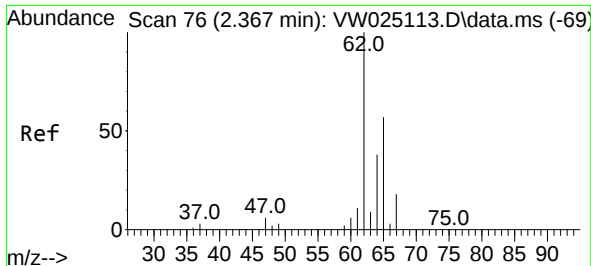
Tgt Ion: 85 Resp: 38229
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.0 37.6



#3
 Chloromethane
 Concen: 23.881 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW025119.D
 Acq: 22 Nov 2022 13:50

Tgt Ion: 50 Resp: 119554
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.1 41.1

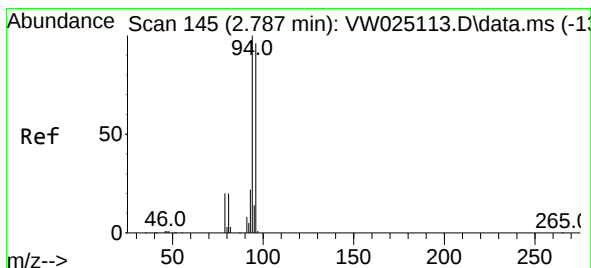
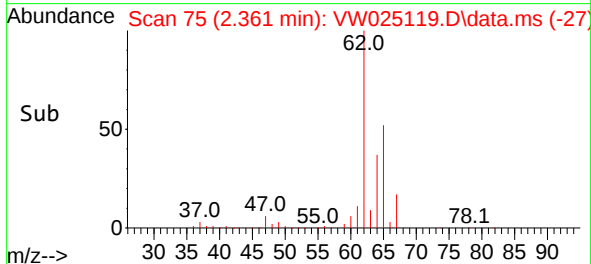
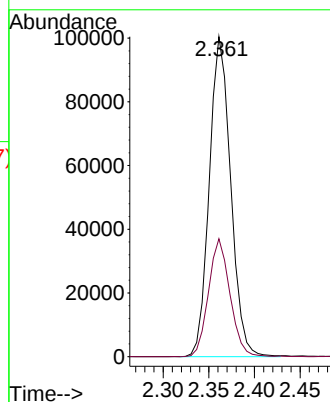
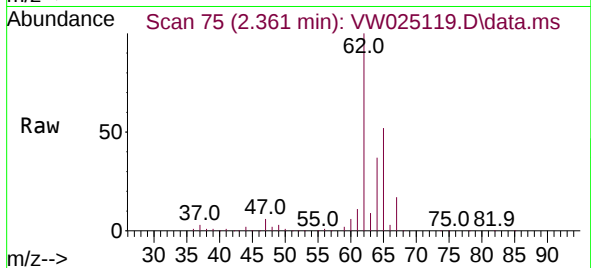




#5
 Vinyl chloride
 Concen: 24.077 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW025119.D
 Acq: 22 Nov 2022 13:50

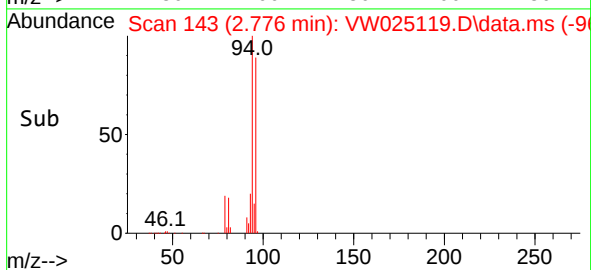
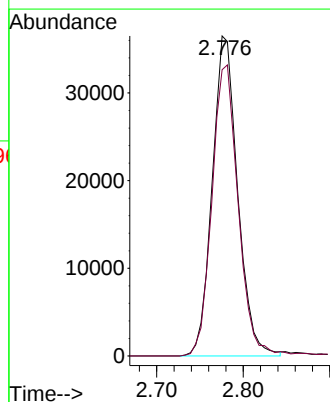
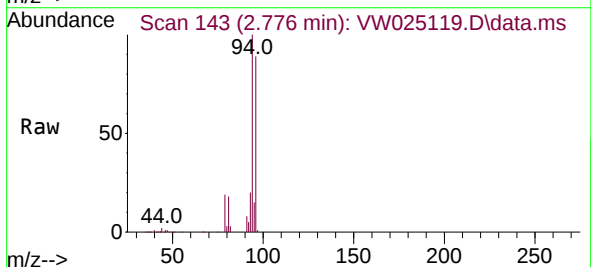
Instrument :
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 ClientSampleId :
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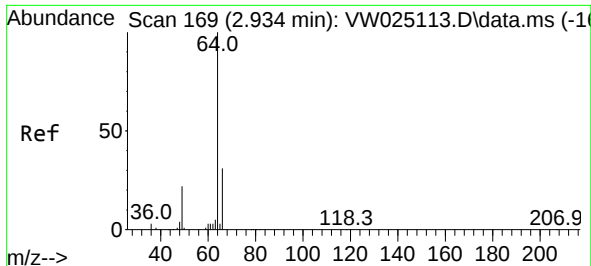
Tgt Ion: 62 Resp: 163306
 Ion Ratio Lower Upper
 62 100
 64 36.8 24.8 46.1



#6
 Bromomethane
 Concen: 22.585 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW025119.D
 Acq: 22 Nov 2022 13:50

Tgt Ion: 94 Resp: 74462
 Ion Ratio Lower Upper
 94 100
 96 89.5 66.7 123.9

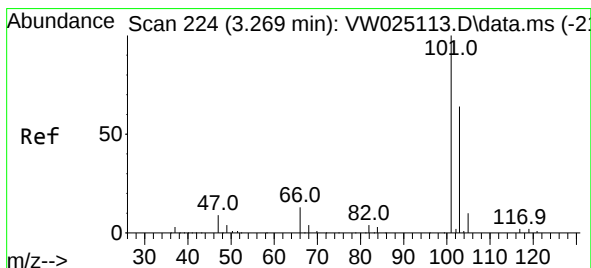
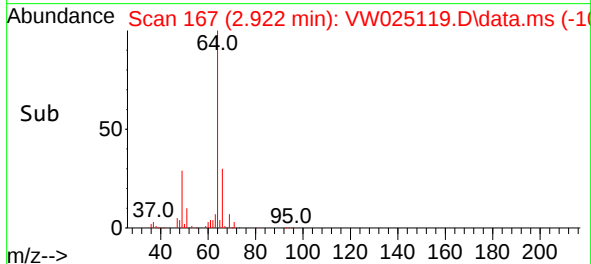
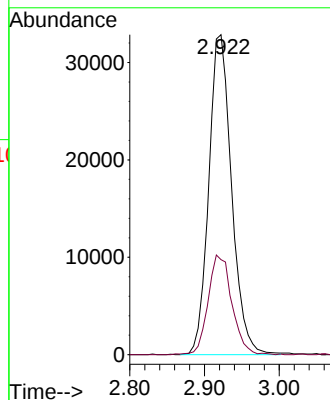
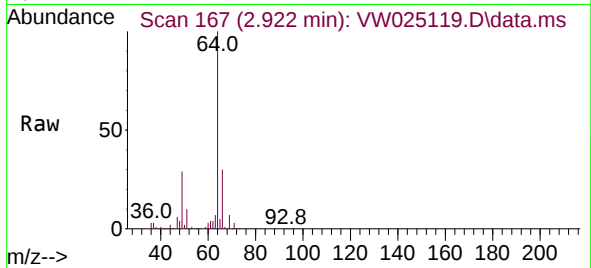




#8
Chloroethane
Concen: 22.352 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.012 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

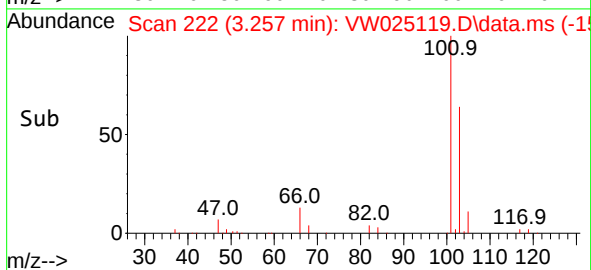
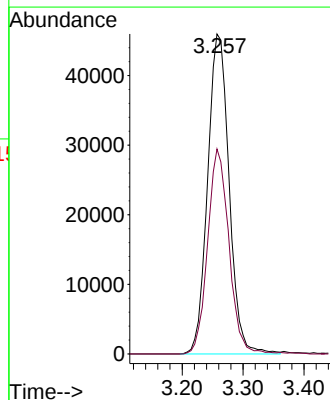
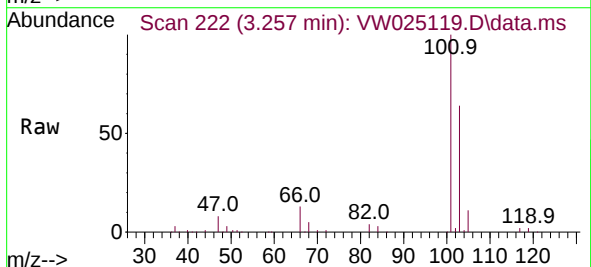
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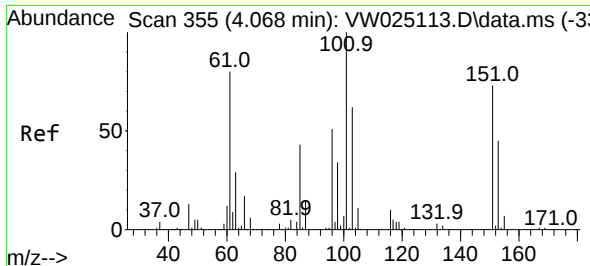
Tgt Ion: 64 Resp: 69854
Ion Ratio Lower Upper
64 100
66 29.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 22.027 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion:101 Resp: 112709
Ion Ratio Lower Upper
101 100
103 62.9 50.9 76.3

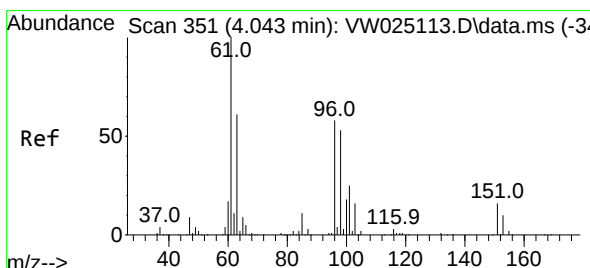
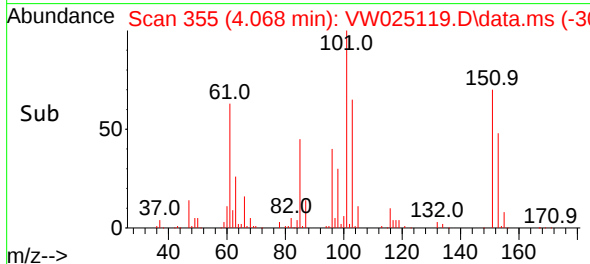
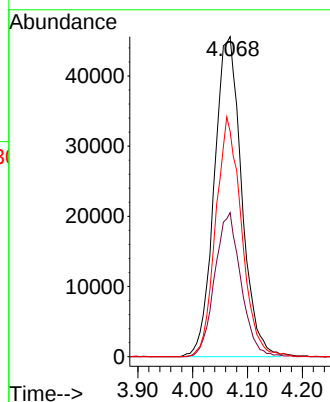
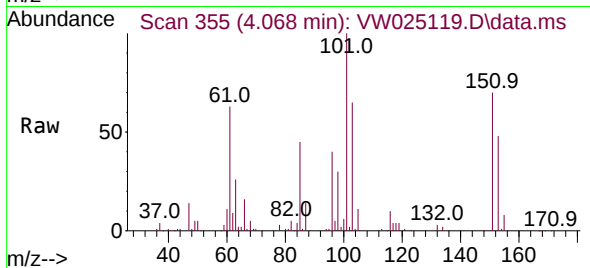




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.786 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW025119.D
 Acq: 22 Nov 2022 13:50

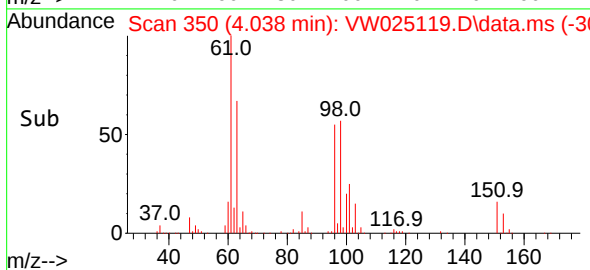
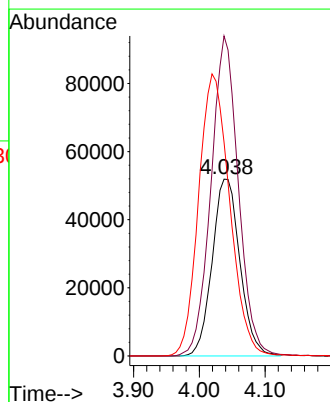
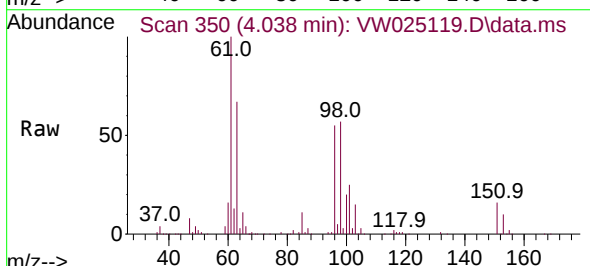
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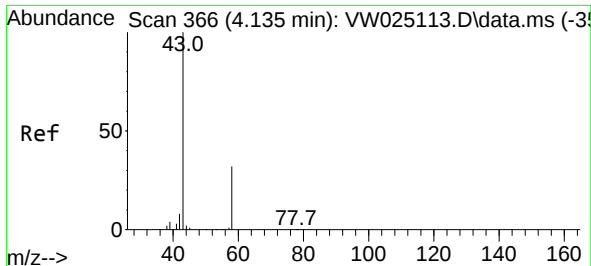
Tgt Ion:101 Resp: 158016
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.6 52.0
 151 70.8 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 25.440 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025119.D
 Acq: 22 Nov 2022 13:50

Tgt Ion: 96 Resp: 152189
 Ion Ratio Lower Upper
 96 100
 61 181.0 120.8 224.4
 63 120.9 84.1 156.1





#13

Acetone

Concen: 54.527 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

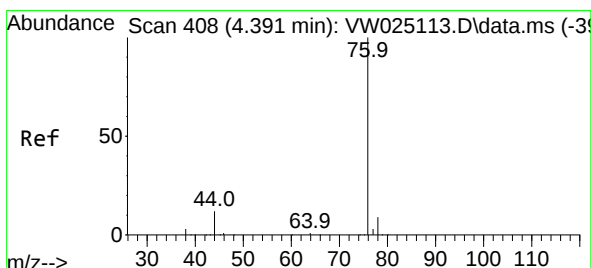
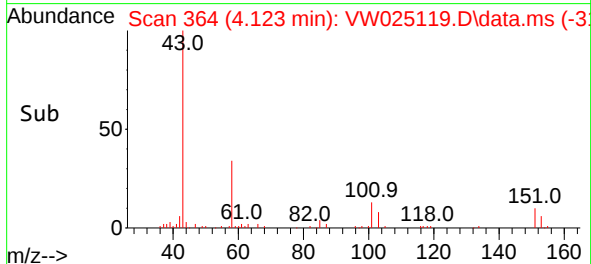
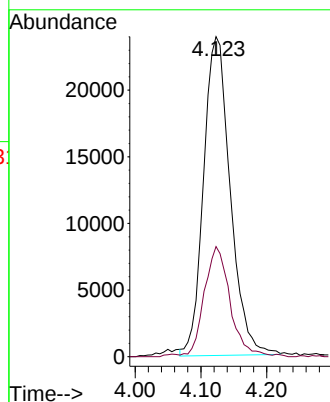
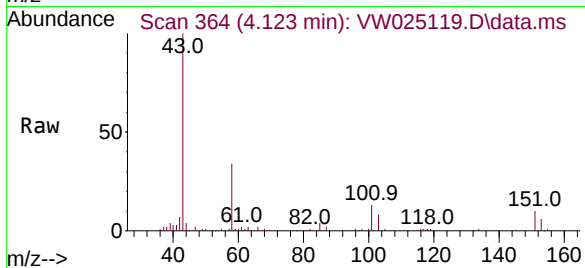
VSTD025506

Tgt Ion: 43 Resp: 67614

Ion Ratio Lower Upper

43 100

58 33.2 0.0 65.2



#14

Carbon disulfide

Concen: 24.622 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

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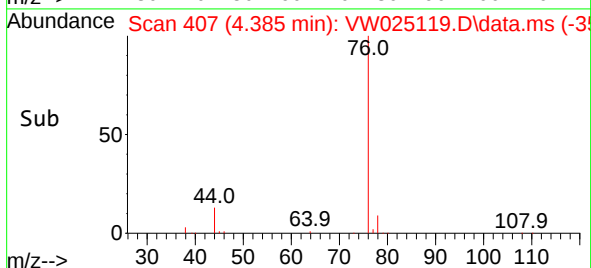
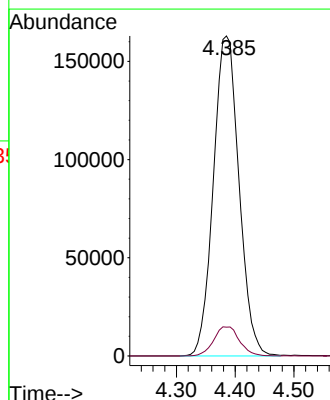
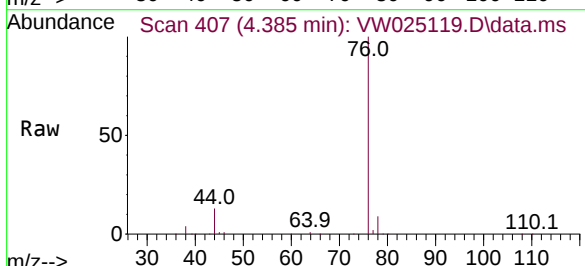
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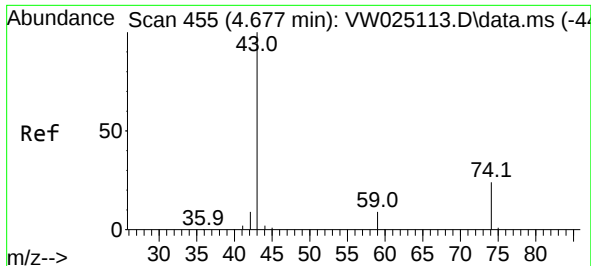
Tgt Ion: 76 Resp: 493910

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

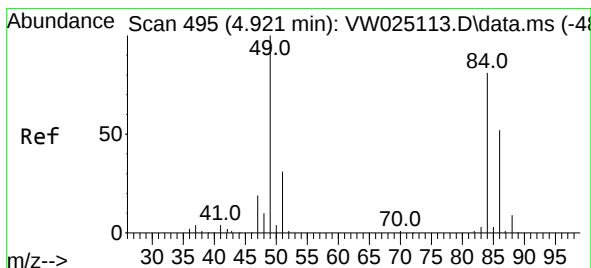
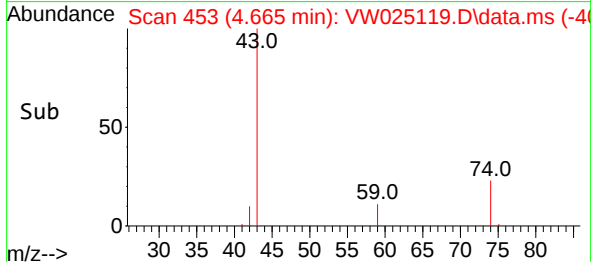
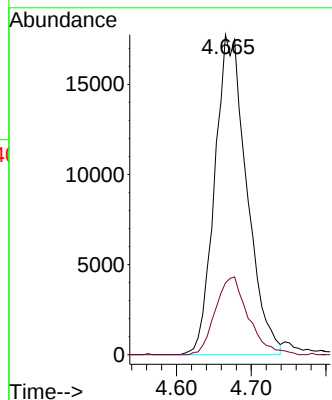
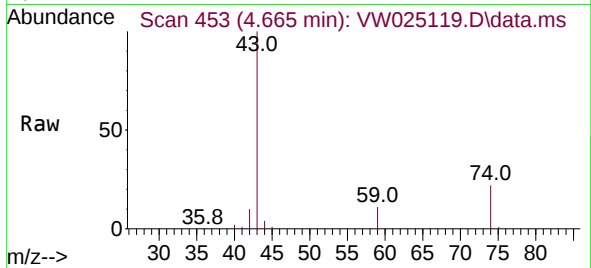




#15
Methyl Acetate
Concen: 26.134 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

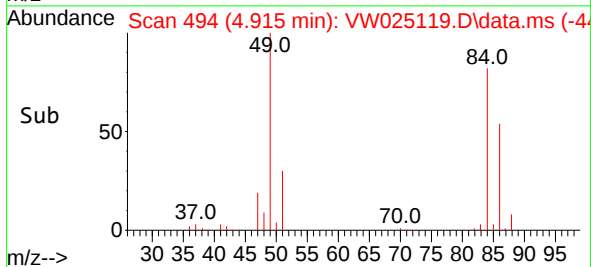
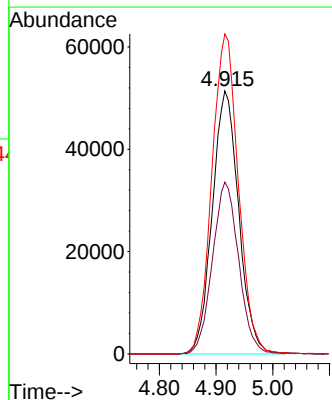
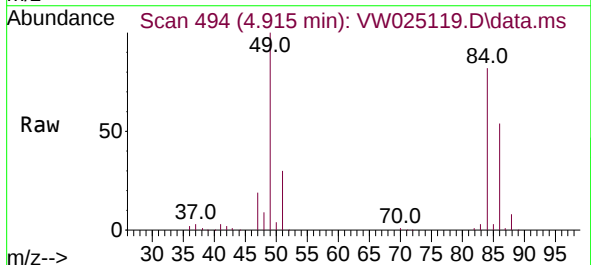
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

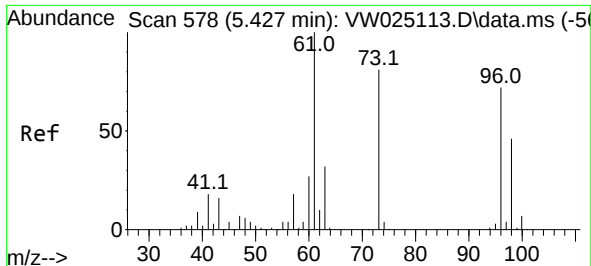
Tgt Ion: 43 Resp: 52859
Ion Ratio Lower Upper
43 100
74 25.0 19.5 29.3



#16
Methylene chloride
Concen: 20.673 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion: 84 Resp: 166421
Ion Ratio Lower Upper
84 100
86 65.3 45.0 83.6
49 121.6 86.3 160.3

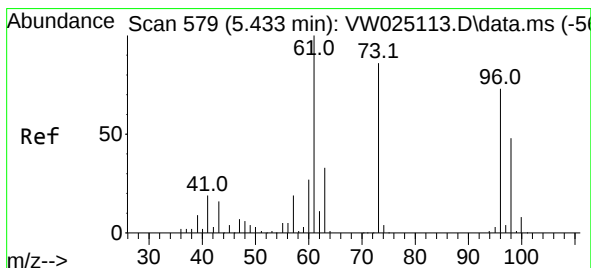
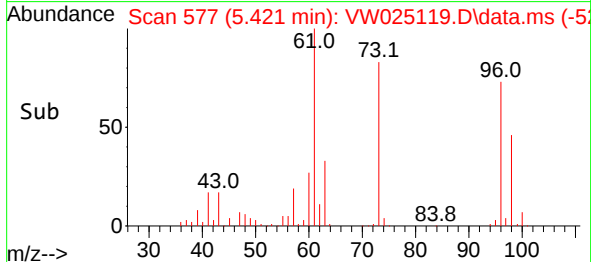
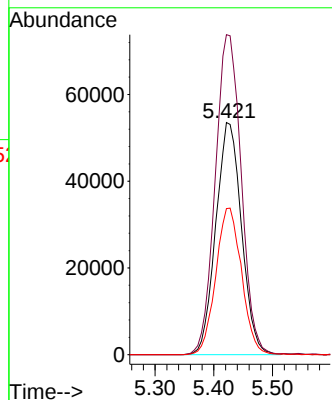
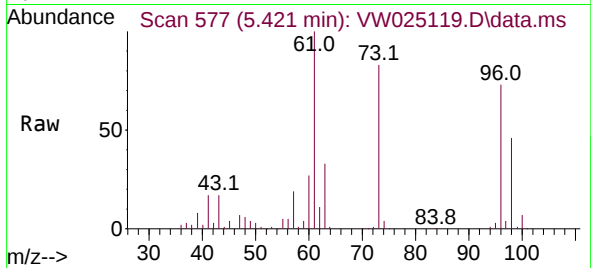




#17
trans-1,2-Dichloroethene
Concen: 25.629 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

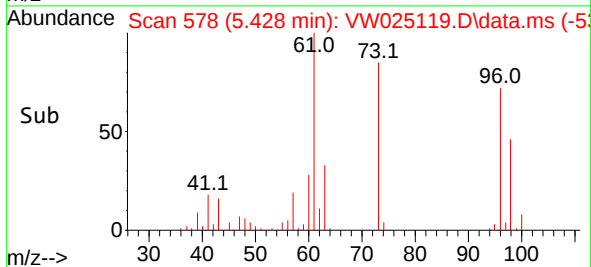
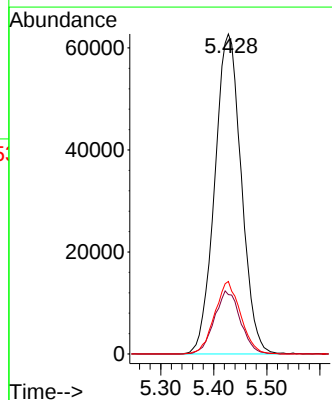
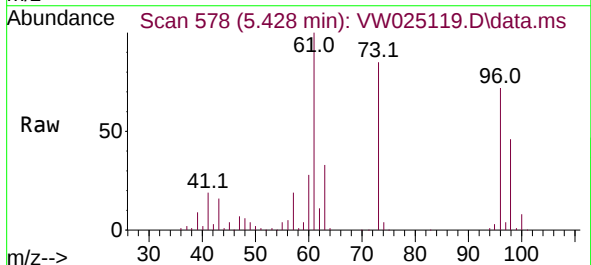
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

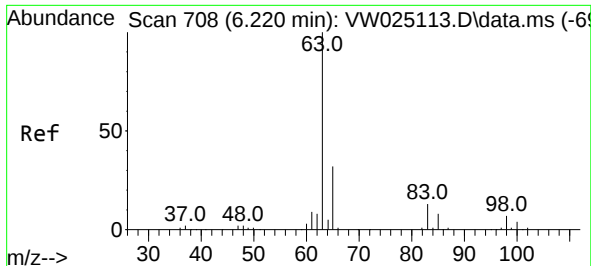
Tgt Ion: 96 Resp: 162870
Ion Ratio Lower Upper
96 100
61 137.9 95.5 177.3
98 63.0 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.909 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion: 73 Resp: 218221
Ion Ratio Lower Upper
73 100
43 19.3 15.6 23.4
57 22.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 25.608 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

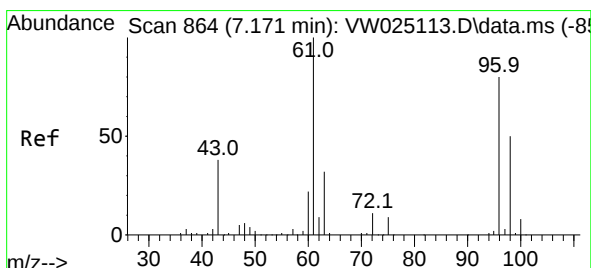
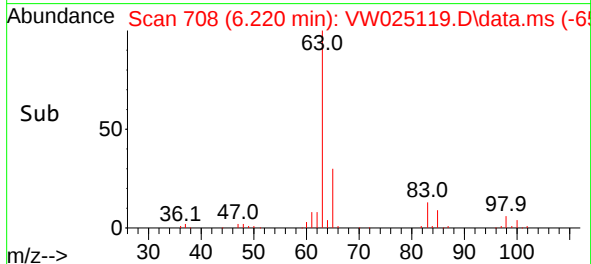
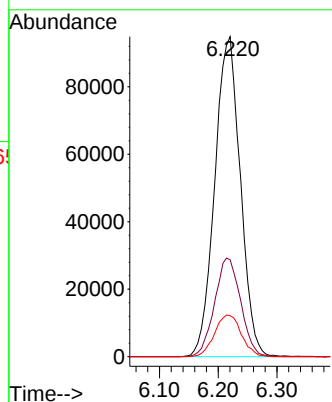
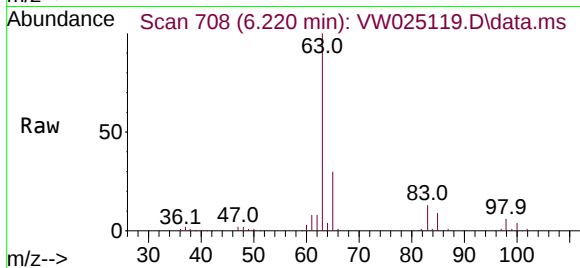
Tgt Ion: 63 Resp: 286750

Ion Ratio Lower Upper

63 100

65 30.3 22.2 41.2

83 12.8 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 25.475 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

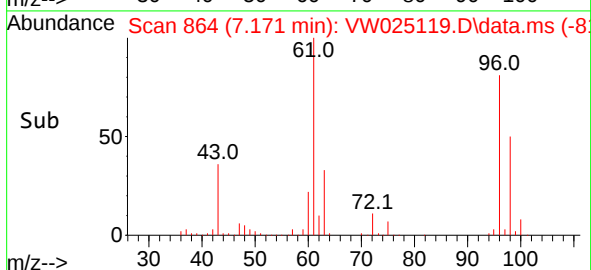
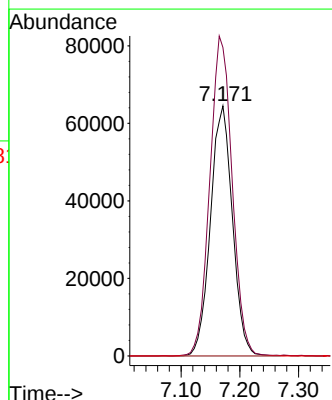
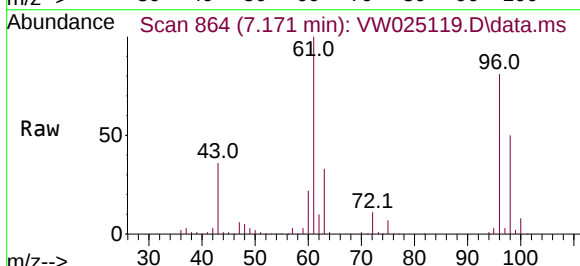
Tgt Ion: 96 Resp: 167684

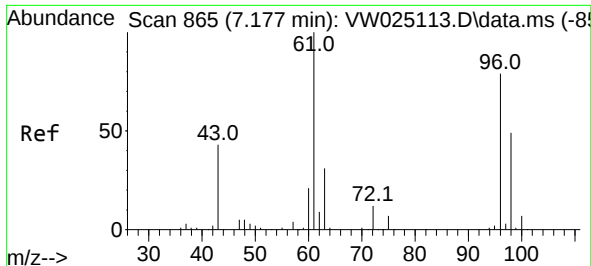
Ion Ratio Lower Upper

96 100

61 123.3 93.7 173.9

68 0.0 0.0 0.0

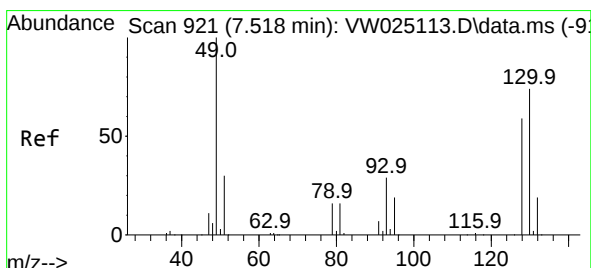
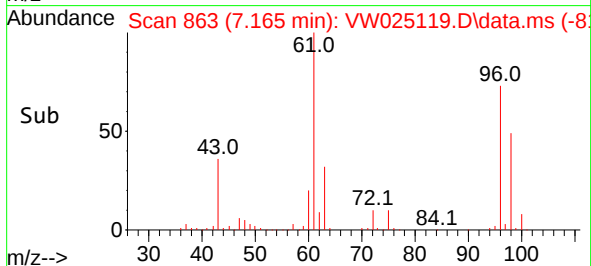
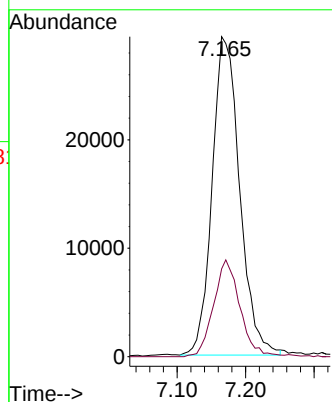
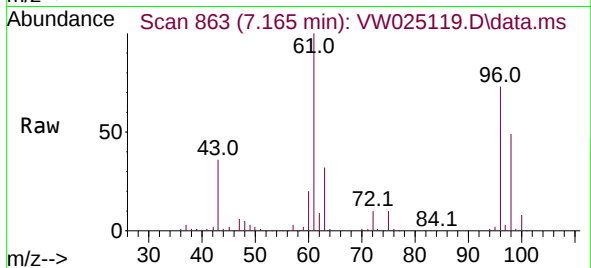




#22
2-Butanone
Concen: 52.454 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

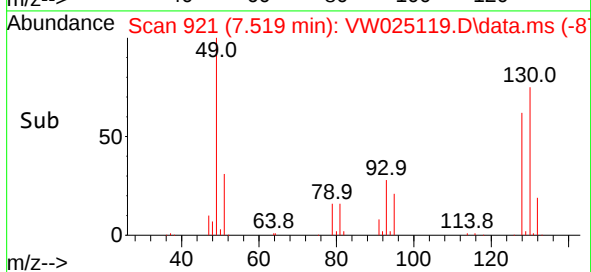
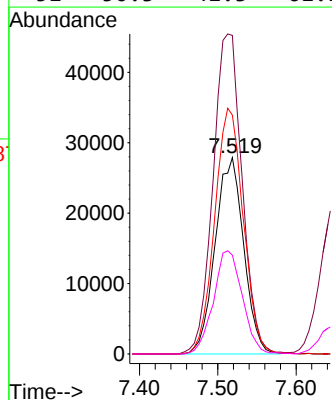
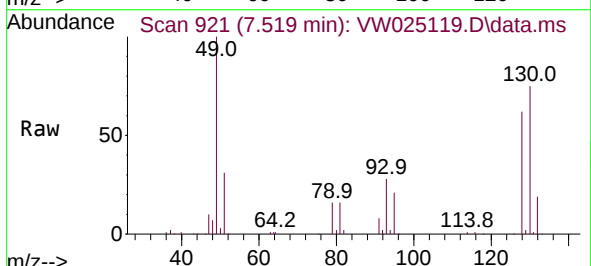
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

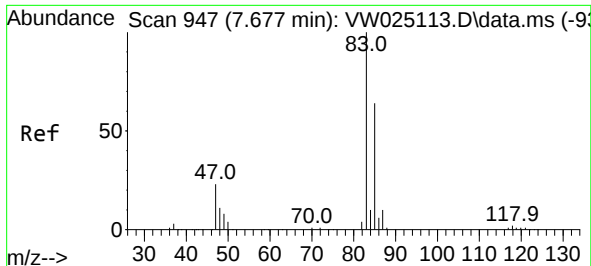
Tgt Ion: 43 Resp: 81940
Ion Ratio Lower Upper
43 100
72 28.5 15.0 45.0



#23
Bromochloromethane
Concen: 26.424 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion: 128 Resp: 70534
Ion Ratio Lower Upper
128 100
49 162.2 114.1 211.9
130 121.7 89.0 165.2
51 50.3 41.3 61.9

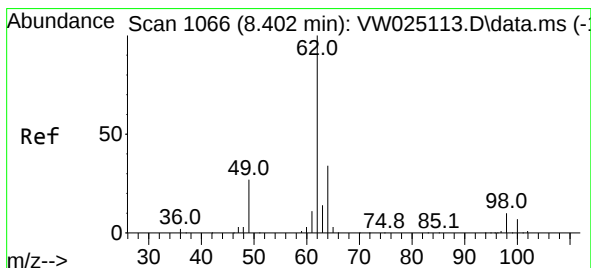
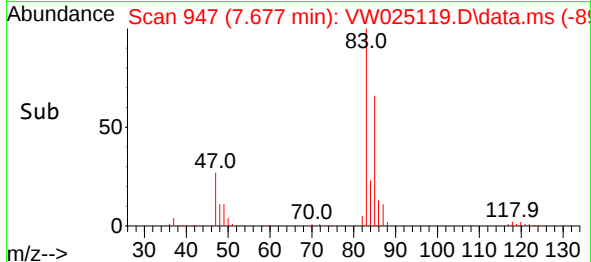
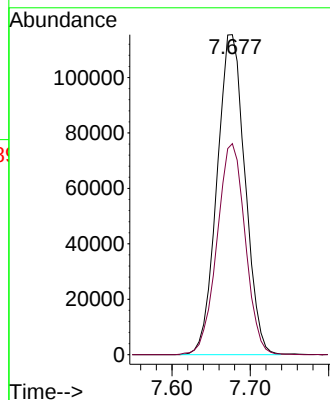
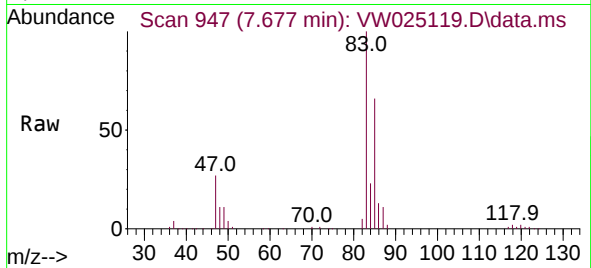




#25
Chloroform
Concen: 25.607 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

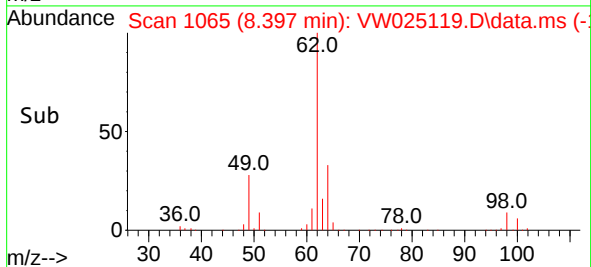
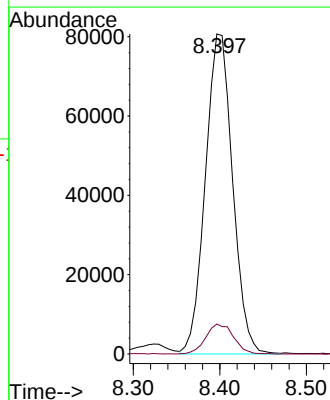
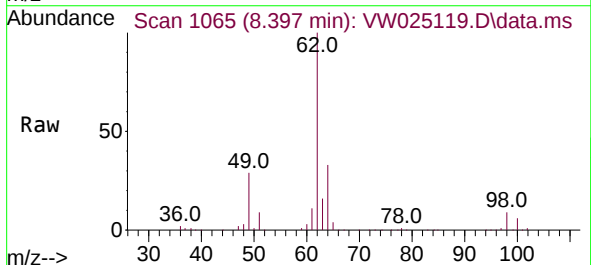
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

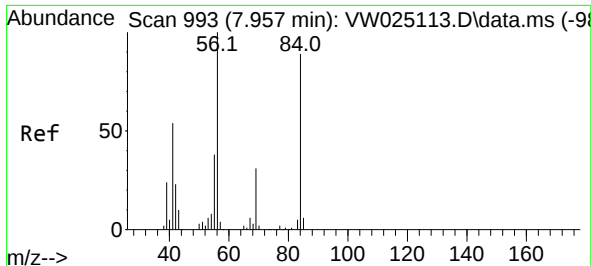
Tgt Ion: 83 Resp: 286969
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 26.112 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion: 62 Resp: 176644
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8





#29

Cyclohexane

Concen: 26.001 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

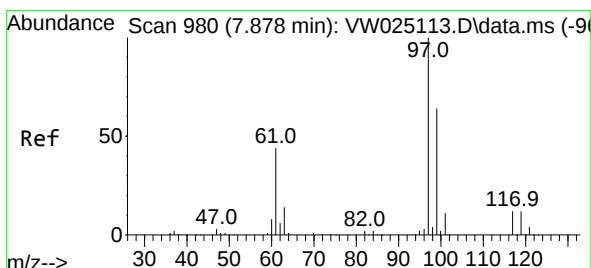
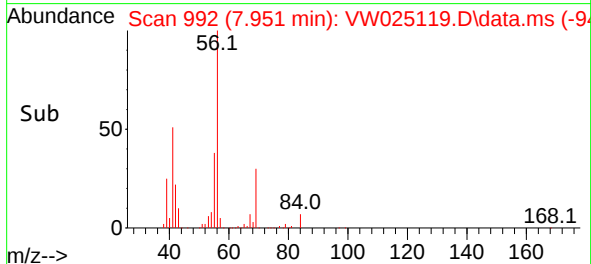
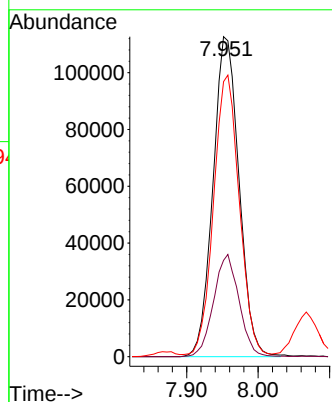
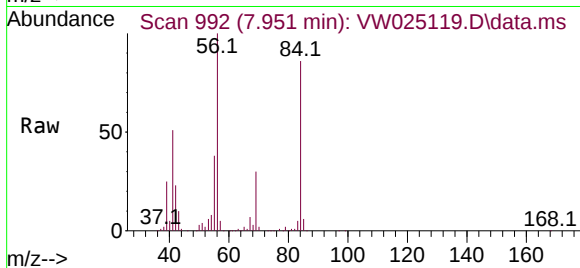
Tgt Ion: 56 Resp: 284974

Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.6

84 87.6 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 25.072 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.012 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

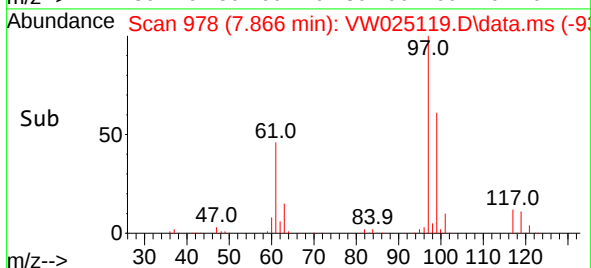
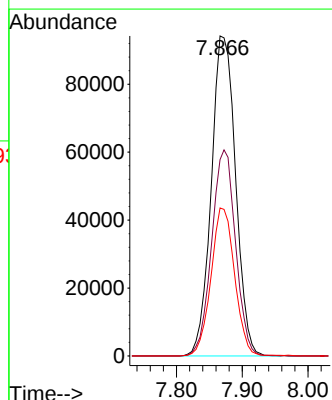
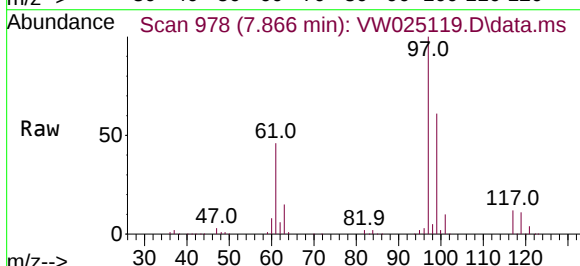
Tgt Ion: 97 Resp: 242777

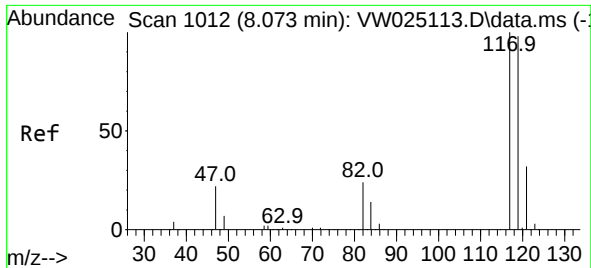
Ion Ratio Lower Upper

97 100

99 63.3 50.9 76.3

61 44.8 35.5 53.3

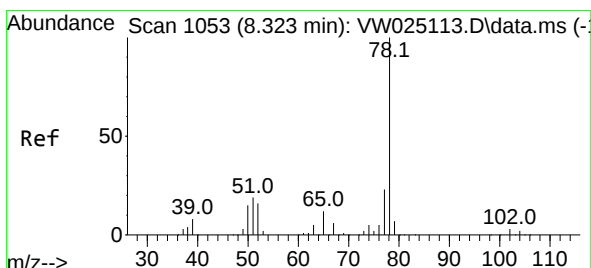
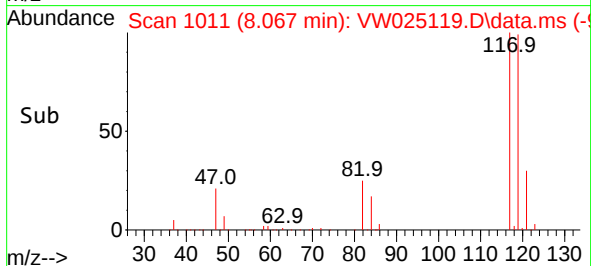
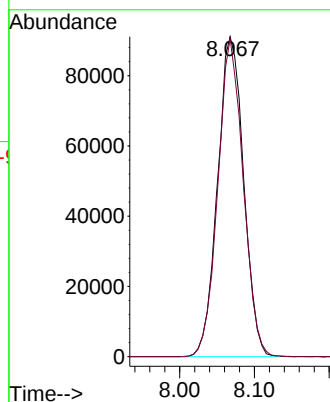
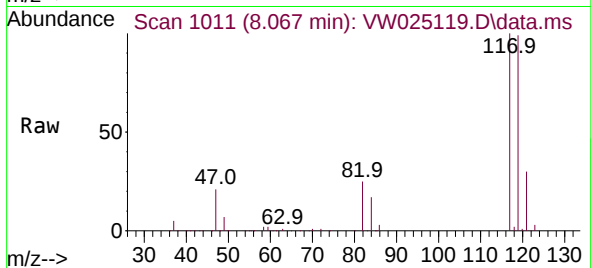




#31
Carbon tetrachloride
Concen: 25.141 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

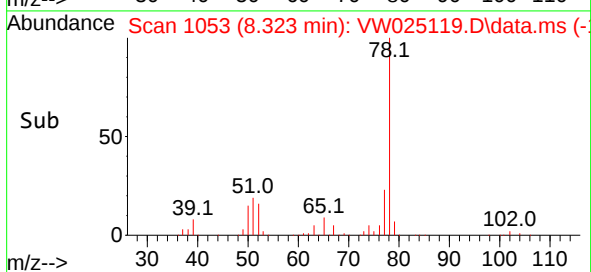
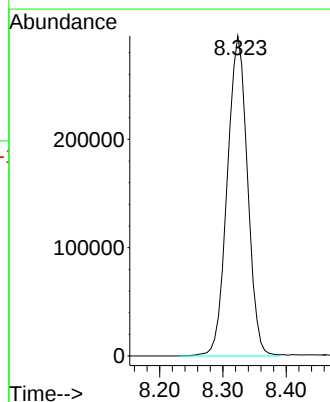
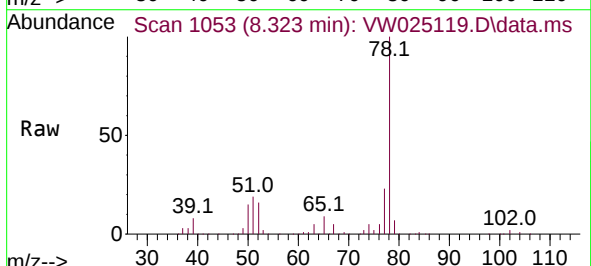
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

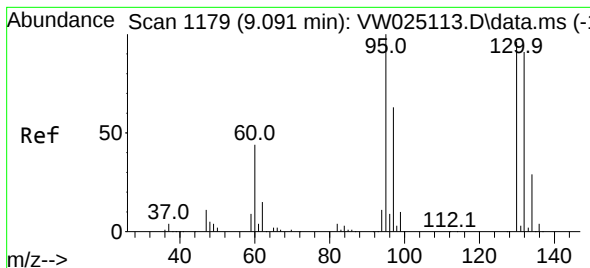
Tgt Ion:117 Resp: 220922
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.4



#33
Benzene
Concen: 25.603 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion: 78 Resp: 657731





#34

Trichloroethene

Concen: 25.430 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

Tgt Ion: 95 Resp: 171228

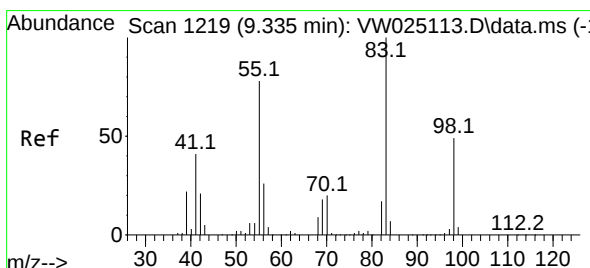
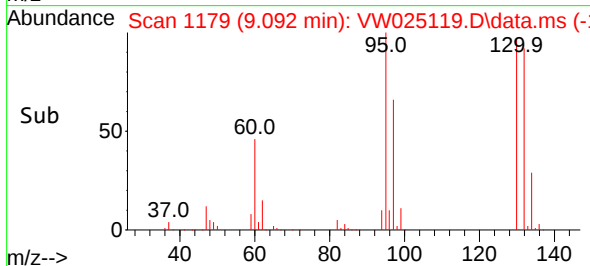
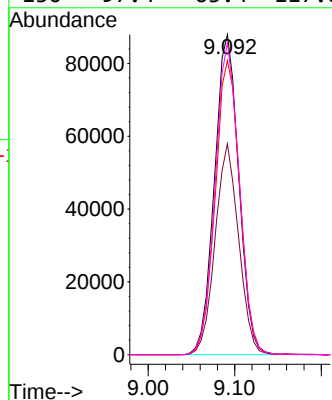
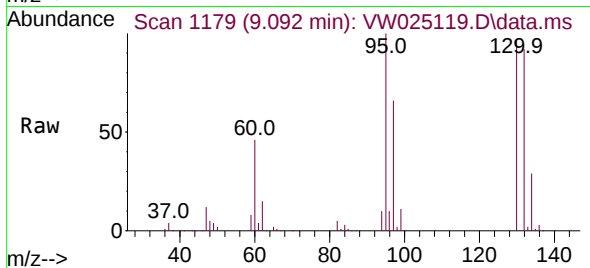
Ion Ratio Lower Upper

95 100

97 65.9 44.3 82.3

132 91.9 63.0 117.0

130 97.4 63.4 117.8



#35

Methylcyclohexane

Concen: 26.028 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

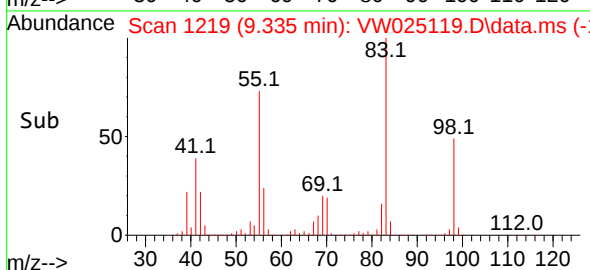
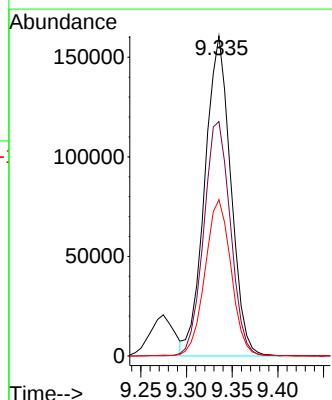
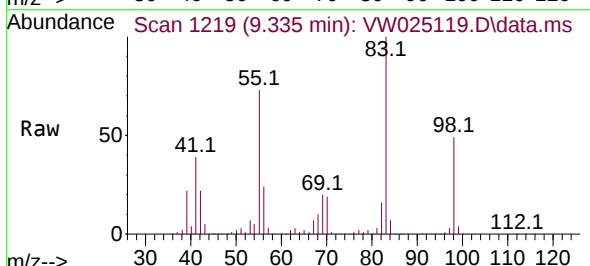
Tgt Ion: 83 Resp: 317044

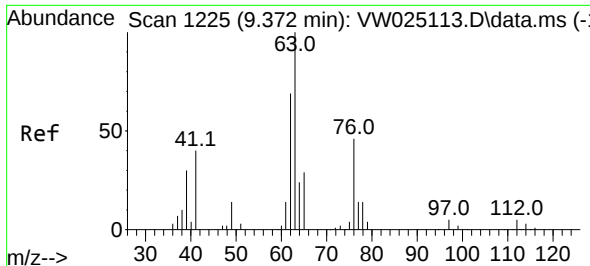
Ion Ratio Lower Upper

83 100

55 75.4 59.3 88.9

98 49.1 38.6 57.8





#37

1,2-Dichloropropane

Concen: 25.403 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

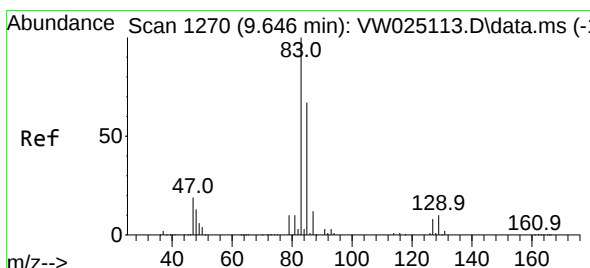
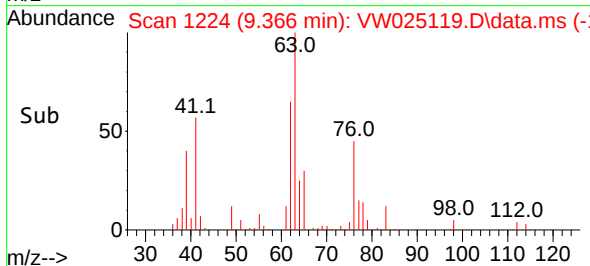
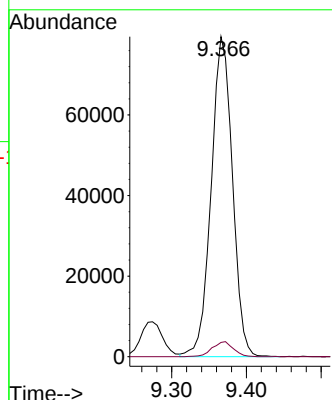
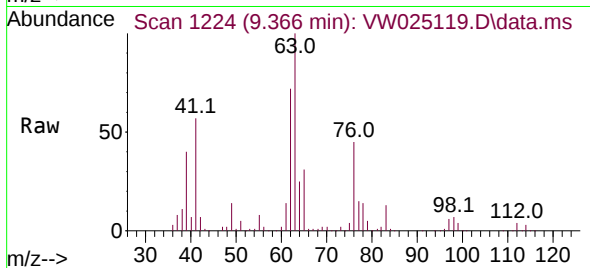
VSTD025506

Tgt Ion: 63 Resp: 157013

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.2



#38

Bromodichloromethane

Concen: 25.780 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

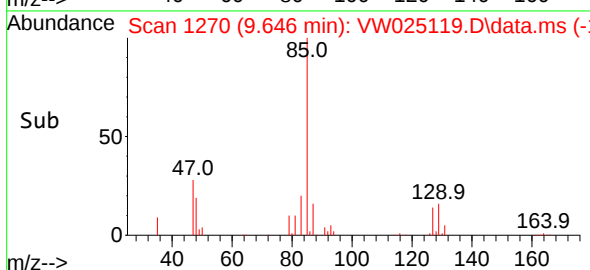
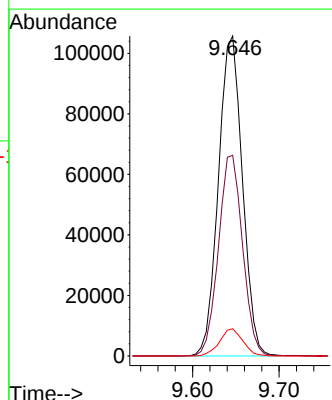
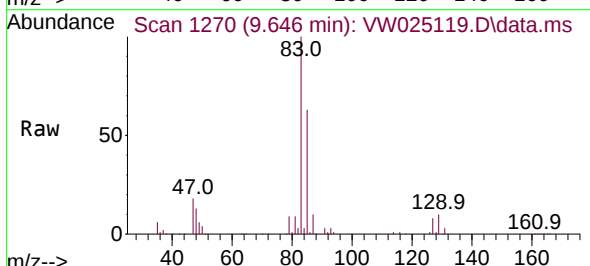
Tgt Ion: 83 Resp: 203552

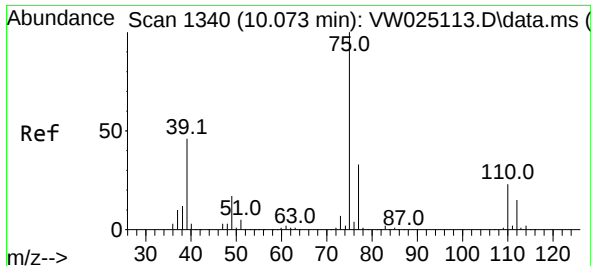
Ion Ratio Lower Upper

83 100

85 62.7 44.2 82.2

127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.833 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

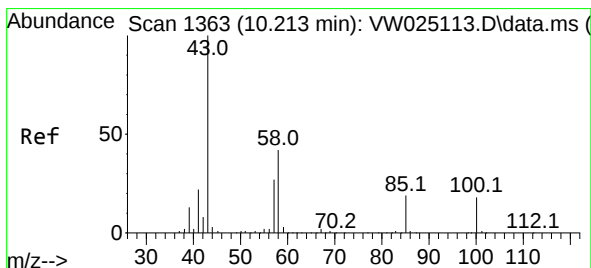
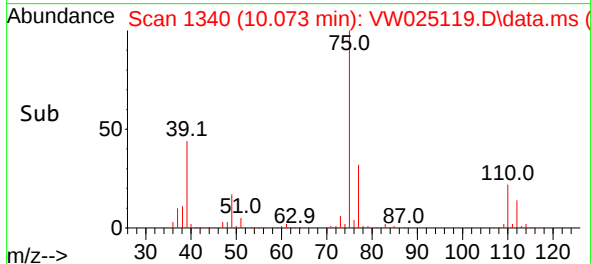
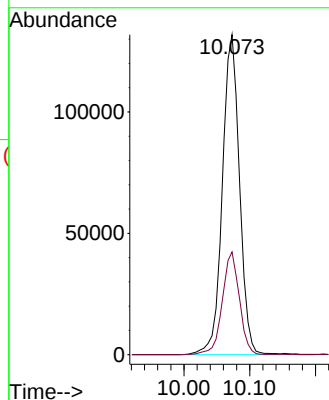
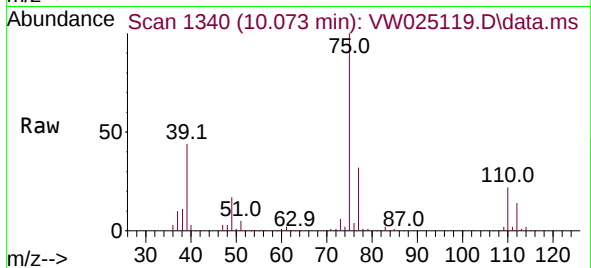
VSTD025506

Tgt Ion: 75 Resp: 239296

Ion Ratio Lower Upper

75 100

77 32.1 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 55.764 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

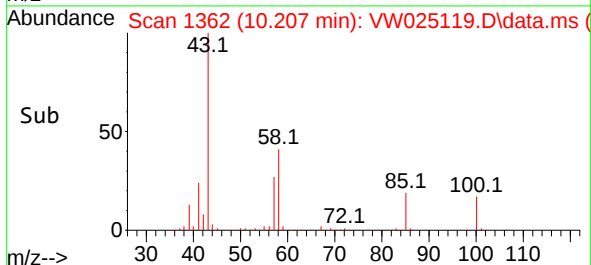
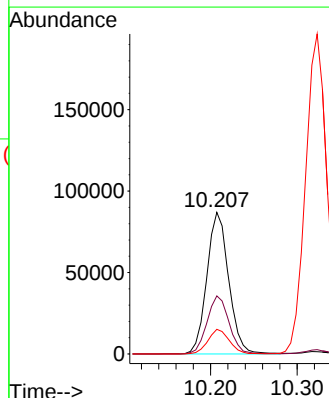
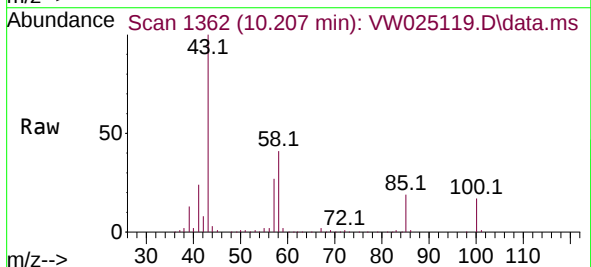
Tgt Ion: 43 Resp: 152269

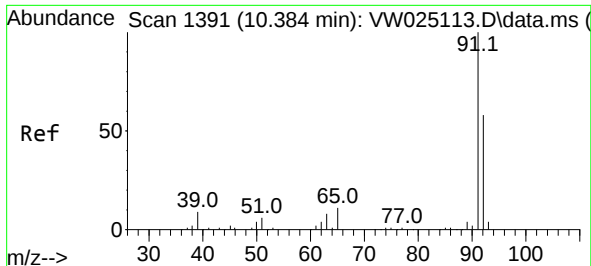
Ion Ratio Lower Upper

43 100

58 41.5 33.3 49.9

100 17.1 13.8 20.6

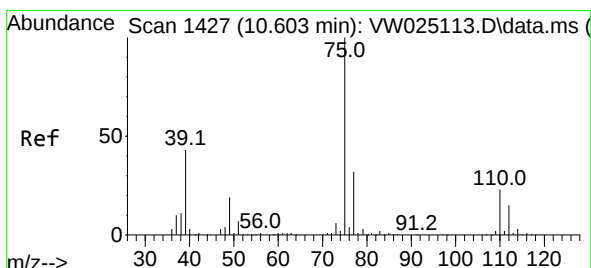
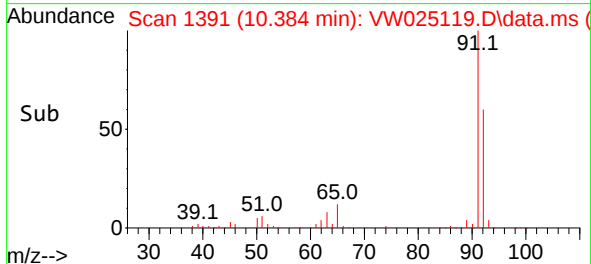
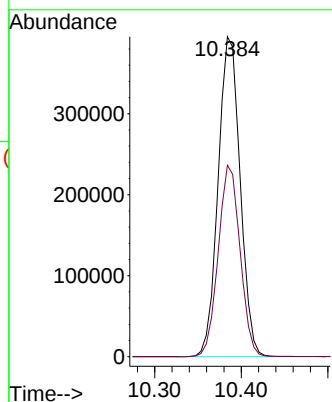
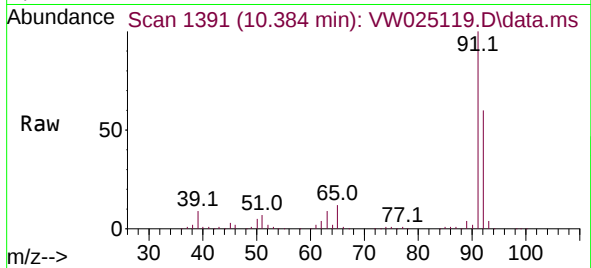




#42
Toluene
Concen: 25.740 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

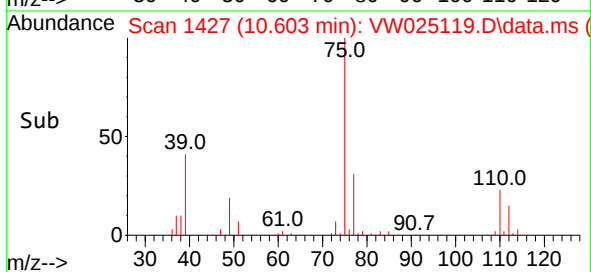
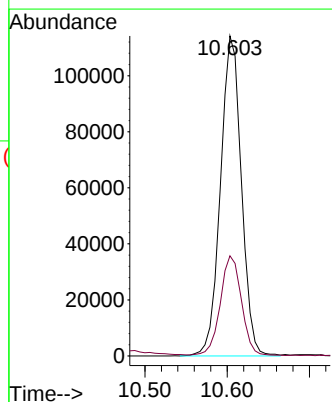
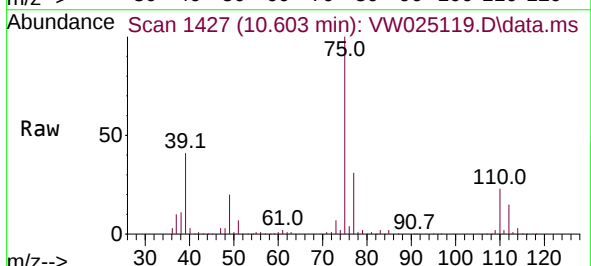
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

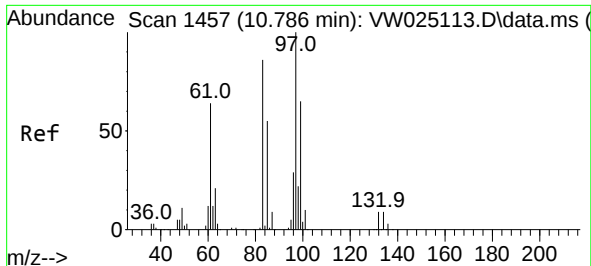
Tgt Ion: 91 Resp: 697241
Ion Ratio Lower Upper
91 100
92 59.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 26.654 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion: 75 Resp: 201673
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7

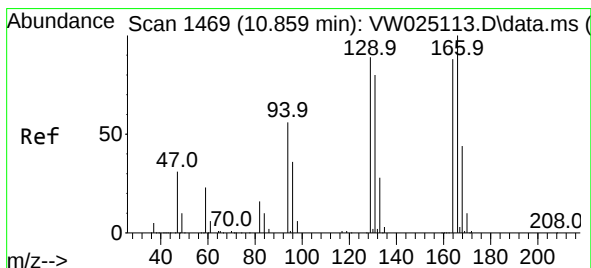
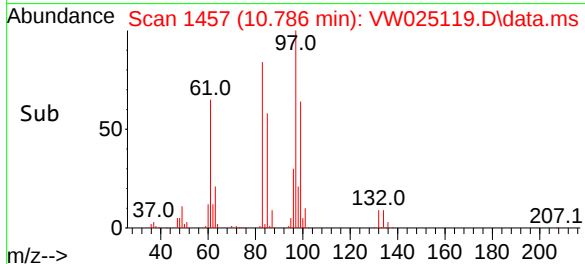
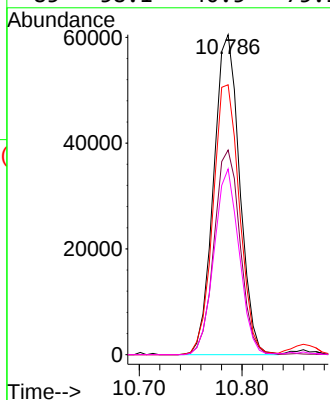
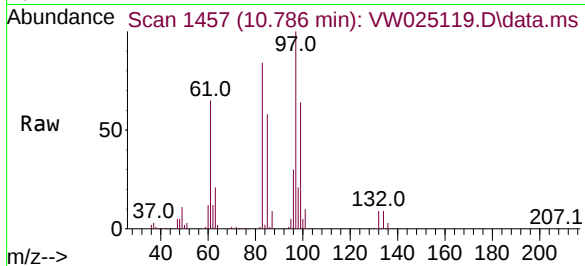




#45
1,1,2-Trichloroethane
Concen: 25.668 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

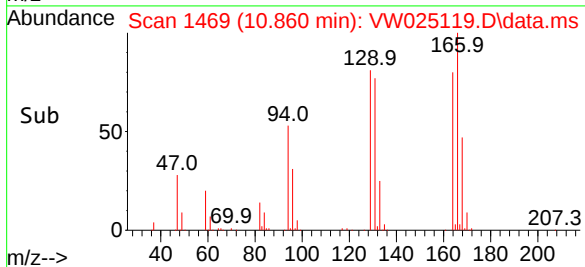
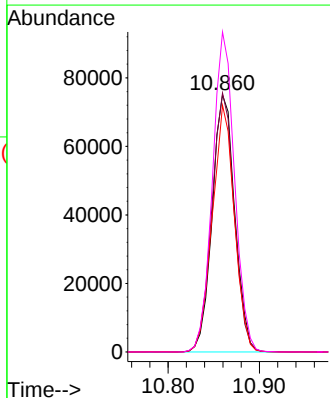
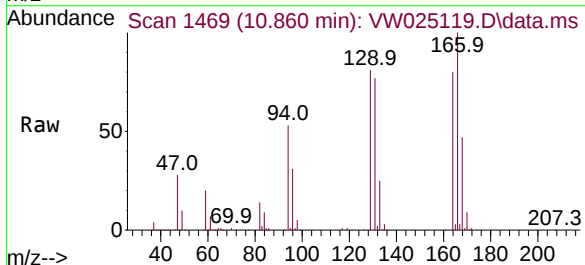
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

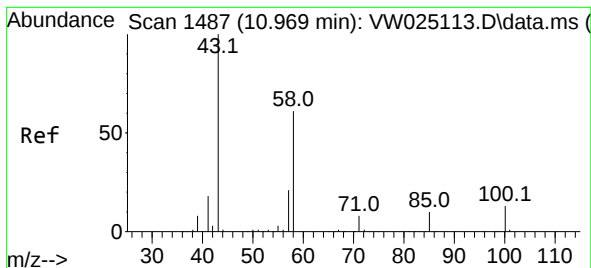
Tgt Ion:	97	Resp:	106189
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.3	82.3
83	84.3	61.3	113.9
85	58.1	40.5	75.1



#46
Tetrachloroethene
Concen: 25.664 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion:	164	Resp:	128533
Ion	Ratio	Lower	Upper
164	100		
129	100.8	73.4	136.4
131	96.0	70.8	131.4
166	124.5	88.3	164.1

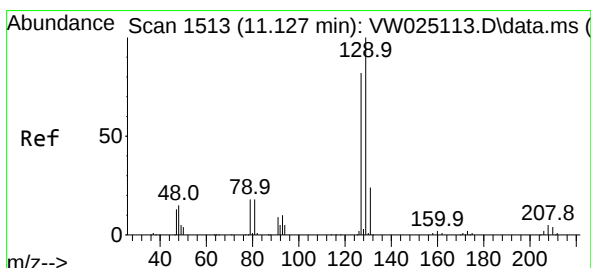
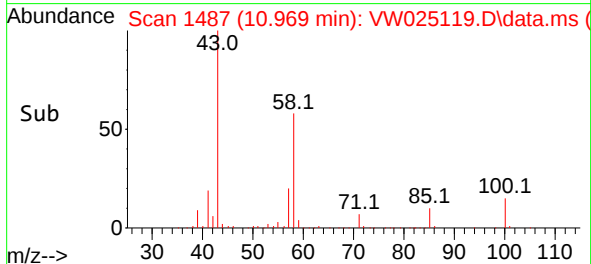
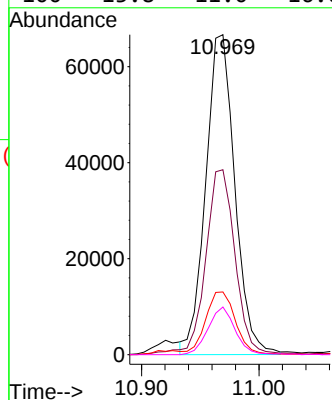
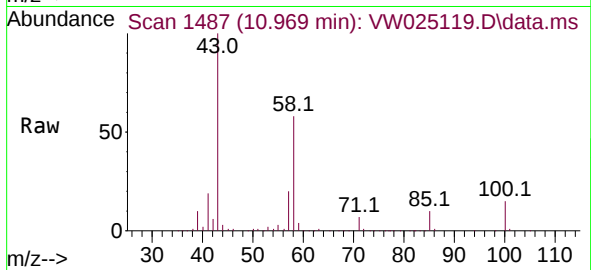




#48
2-Hexanone
Concen: 58.250 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

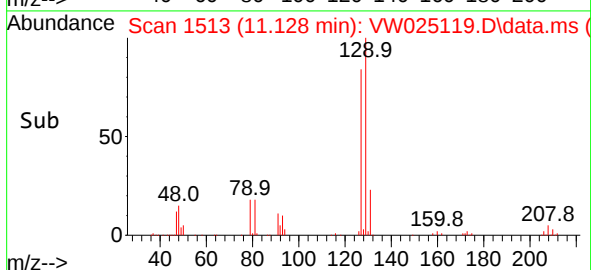
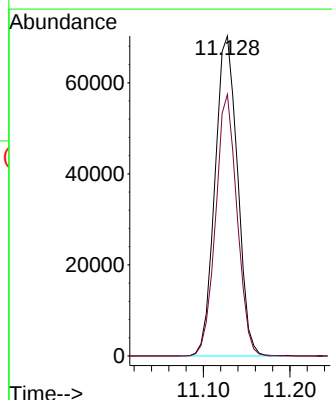
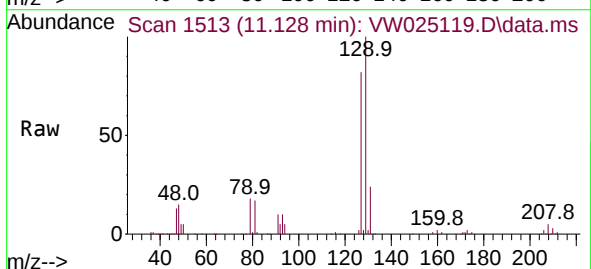
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

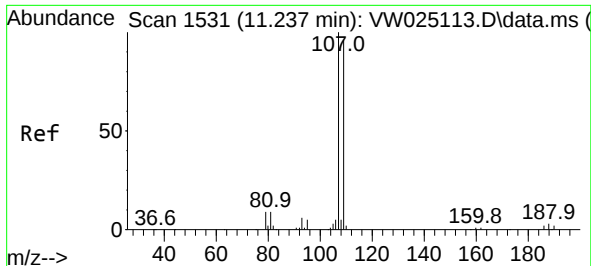
Tgt Ion:	43	Resp:	114904
Ion	Ratio	Lower	Upper
43	100		
58	56.6	46.6	69.8
57	19.9	16.7	25.1
100	13.8	11.0	16.6



#49
Dibromochloromethane
Concen: 25.656 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion:	129	Resp:	126810
Ion	Ratio	Lower	Upper
129	100		
127	81.7	49.7	92.3

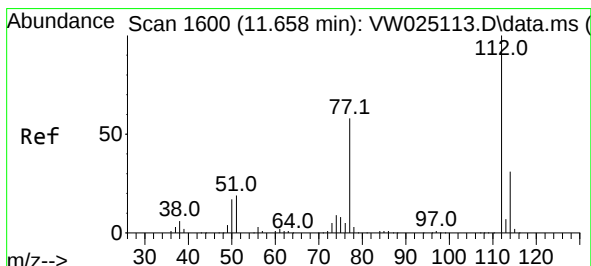
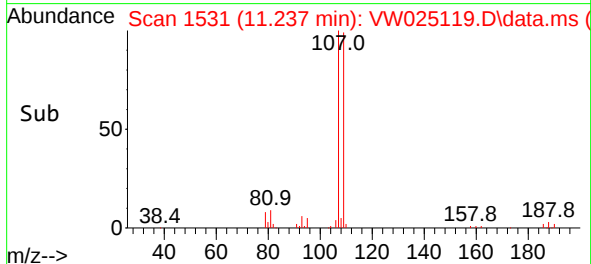
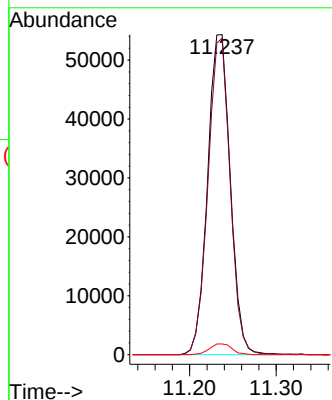
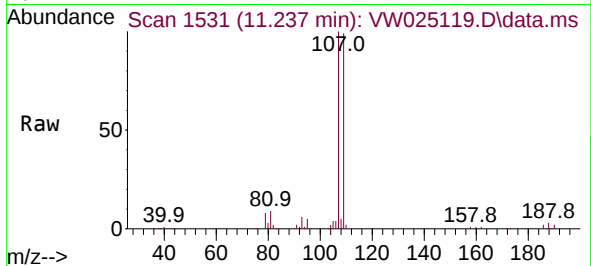




#50
1,2-Dibromoethane
Concen: 25.766 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

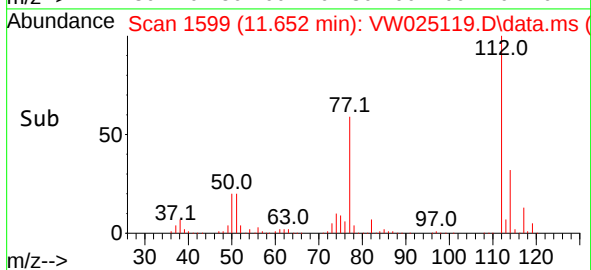
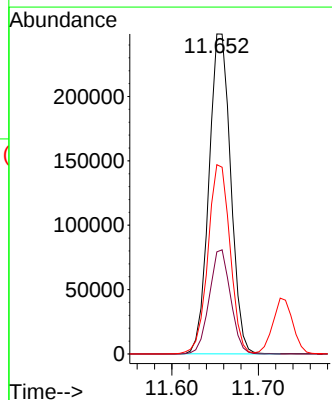
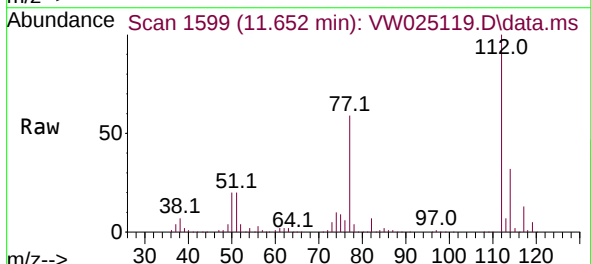
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

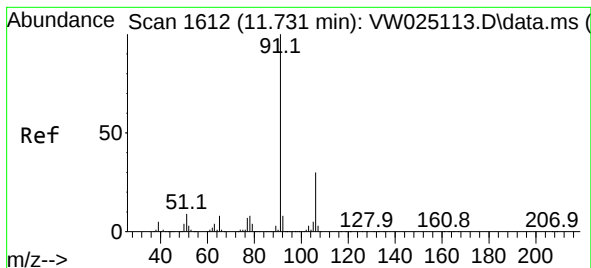
Tgt Ion:107 Resp: 98967
Ion Ratio Lower Upper
107 100
109 98.9 66.8 124.2
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 25.810 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion:112 Resp: 433691
Ion Ratio Lower Upper
112 100
114 31.9 23.2 43.2
77 59.1 47.2 70.8

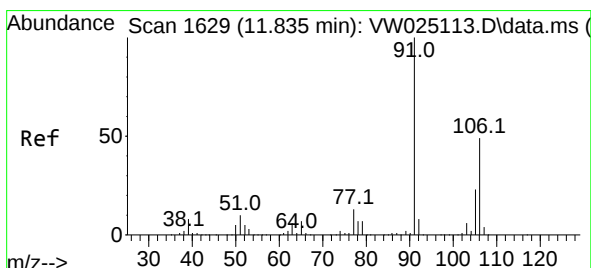
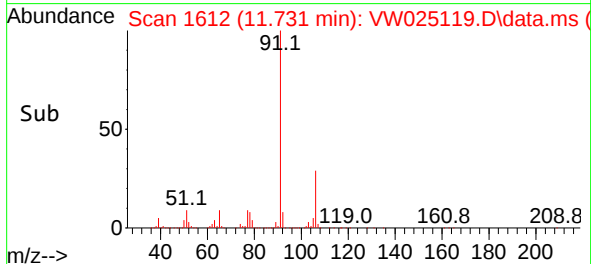
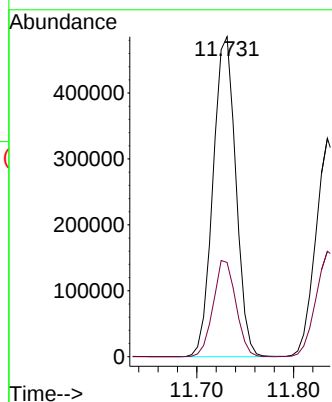
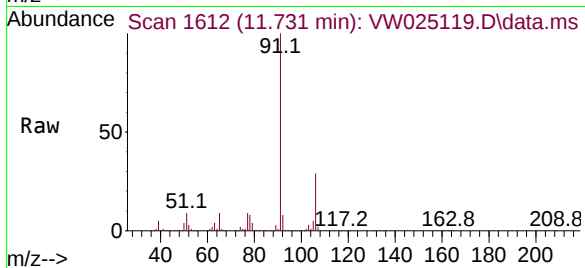




#52
Ethylbenzene
Concen: 26.042 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

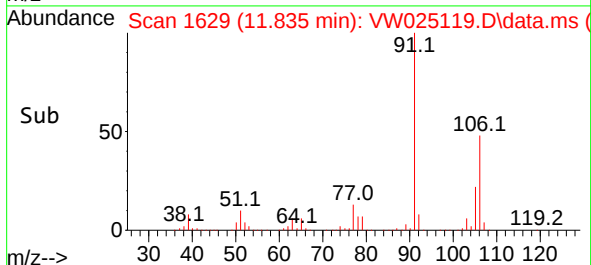
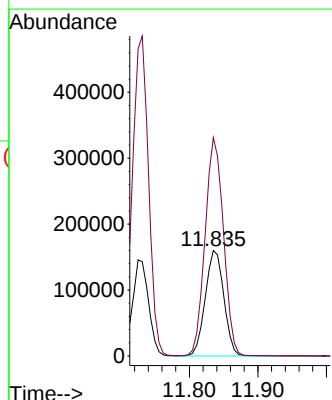
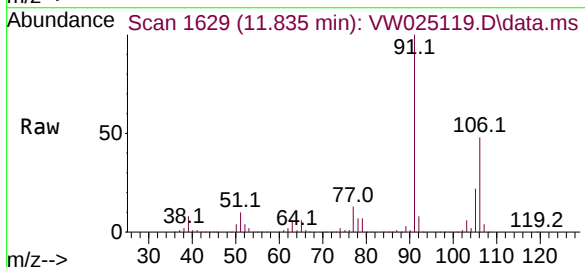
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

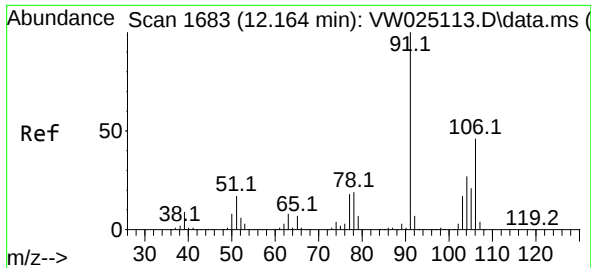
Tgt Ion: 91 Resp: 793845
Ion Ratio Lower Upper
91 100
106 29.5 21.9 40.7



#53
m,p-Xylene
Concen: 25.744 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion: 106 Resp: 301094
Ion Ratio Lower Upper
106 100
91 207.1 139.7 259.4

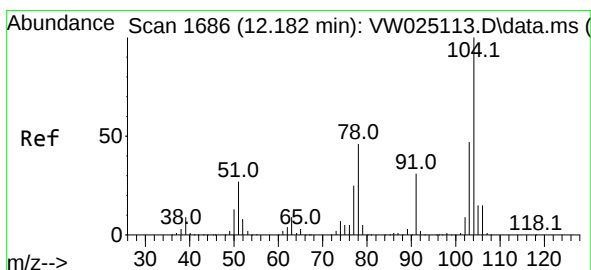
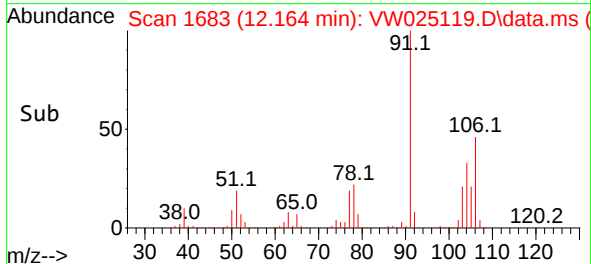
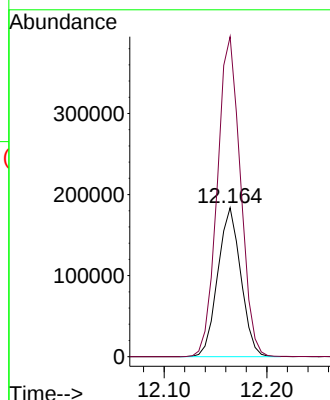
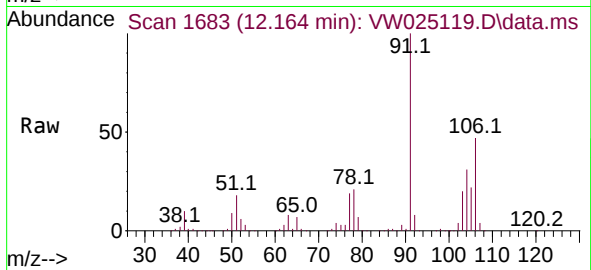




#54
o-Xylene
Concen: 26.101 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

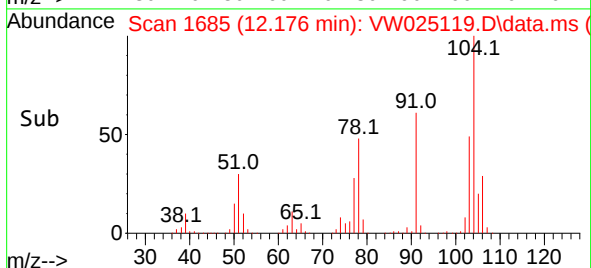
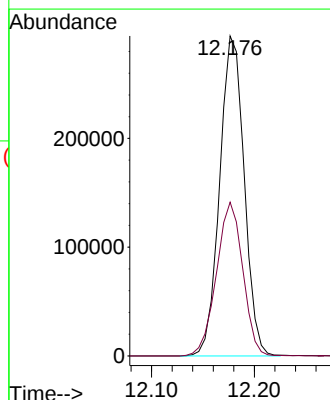
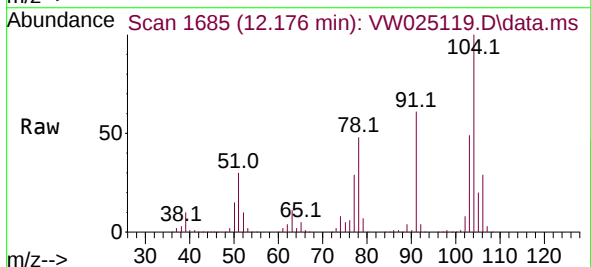
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

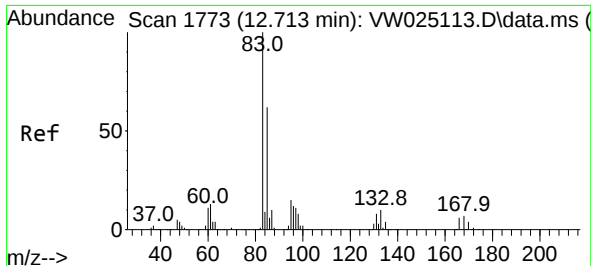
Tgt Ion:106 Resp: 285077
Ion Ratio Lower Upper
106 100
91 214.9 148.8 276.4



#55
Styrene
Concen: 26.589 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion:104 Resp: 486752
Ion Ratio Lower Upper
104 100
78 48.0 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 26.754 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

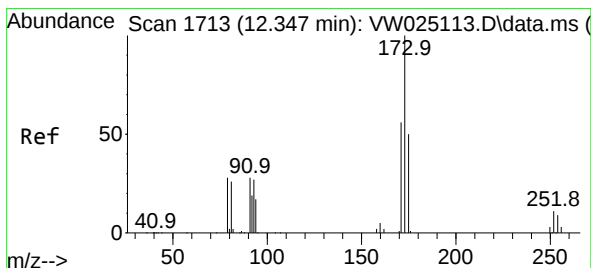
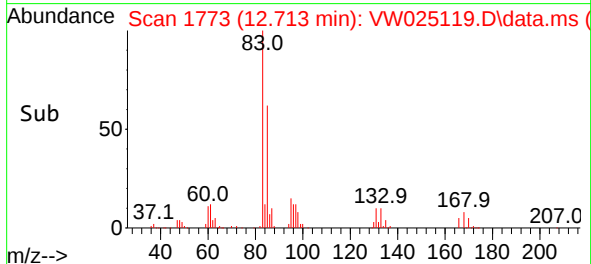
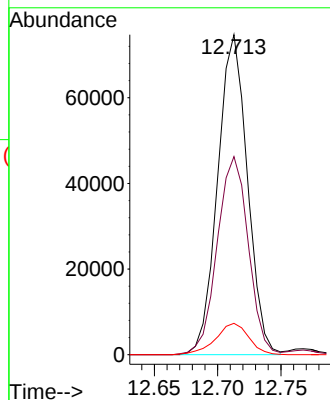
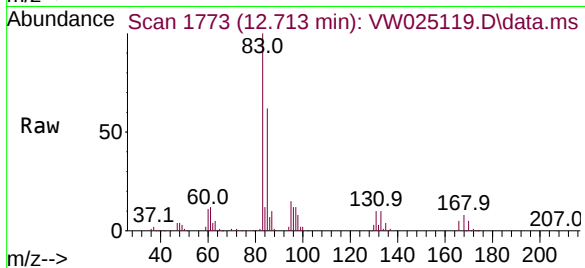
Tgt Ion: 83 Resp: 122199

Ion Ratio Lower Upper

83 100

85 61.9 46.8 87.0

131 9.8 8.2 12.2



#59

Bromoform

Concen: 25.170 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

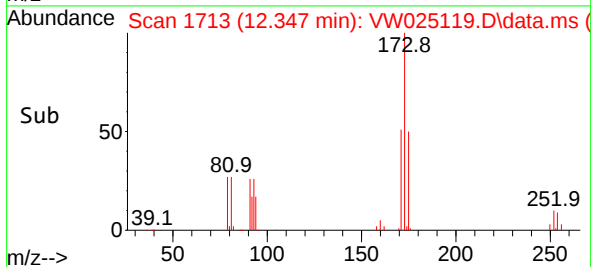
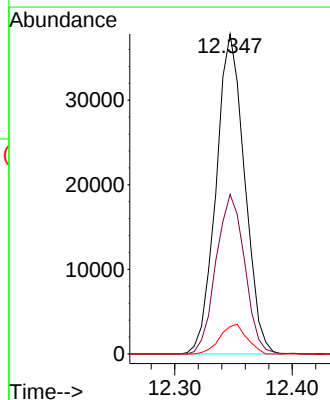
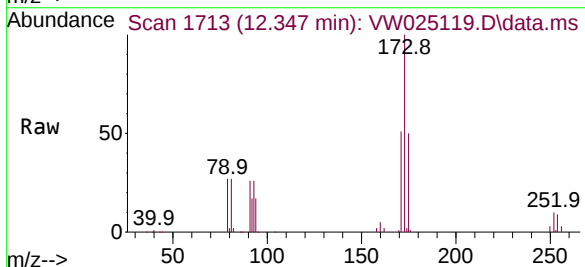
Tgt Ion:173 Resp: 63807

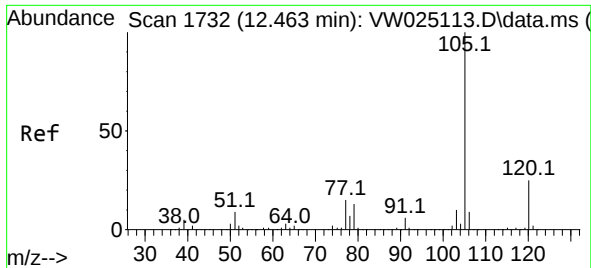
Ion Ratio Lower Upper

173 100

175 50.1 37.4 56.0

254 8.7 6.8 10.2

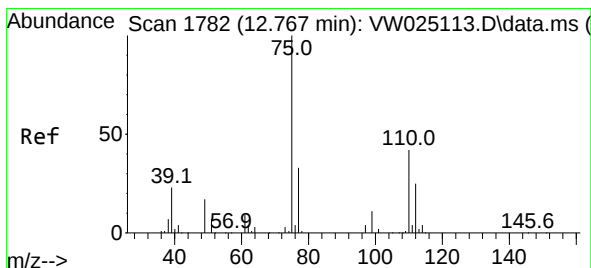
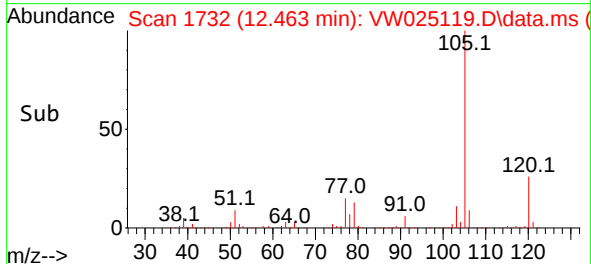
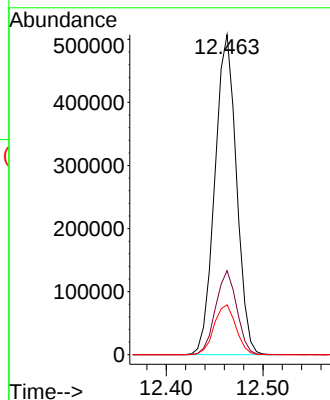
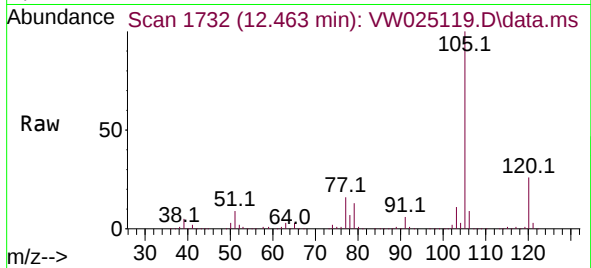




#60
Isopropylbenzene
Concen: 24.569 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

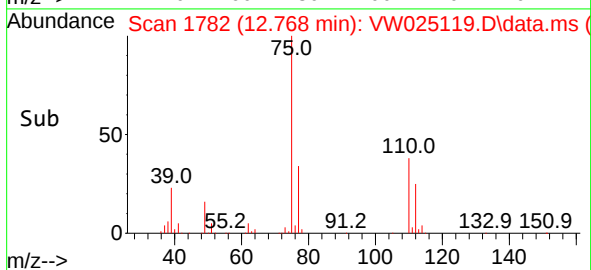
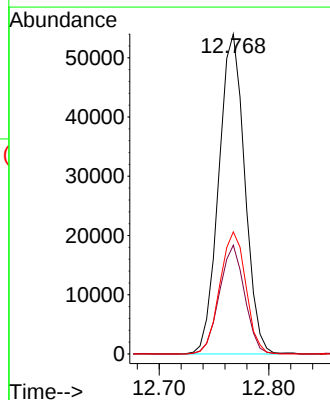
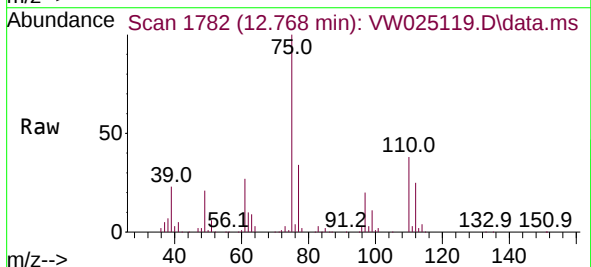
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

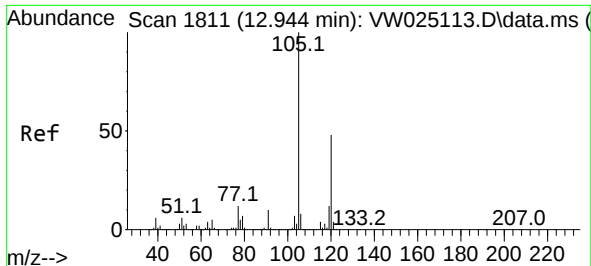
Tgt Ion:105 Resp: 786325
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.170 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion: 75 Resp: 89061
Ion Ratio Lower Upper
75 100
77 33.0 26.6 40.0
110 38.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 25.110 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

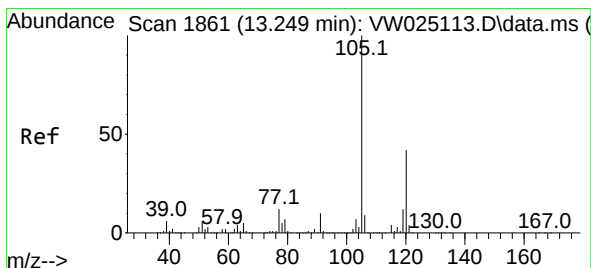
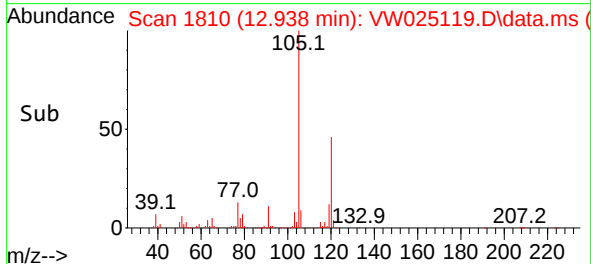
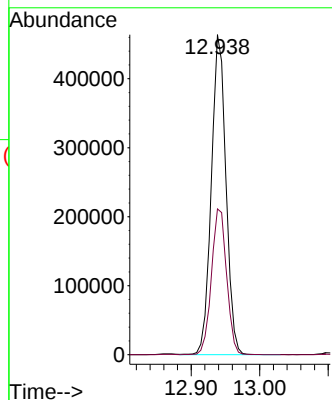
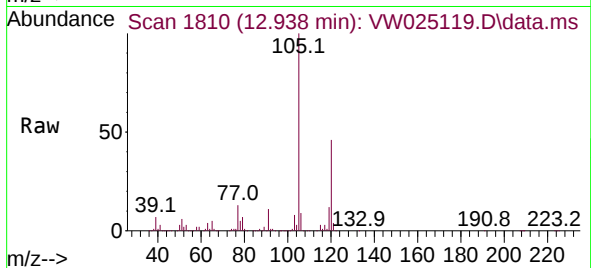
VSTD025506

Tgt Ion:105 Resp: 686742

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 25.335 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025119.D

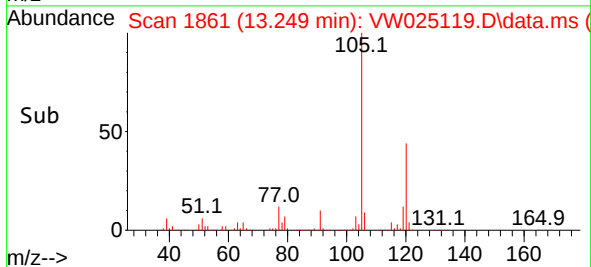
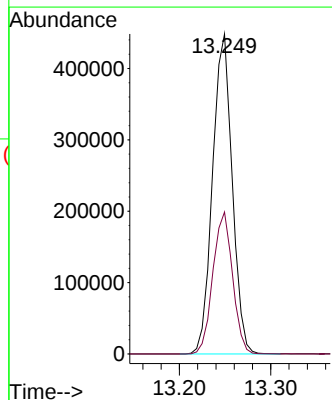
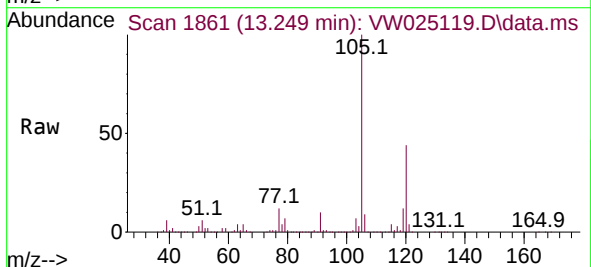
Acq: 22 Nov 2022 13:50

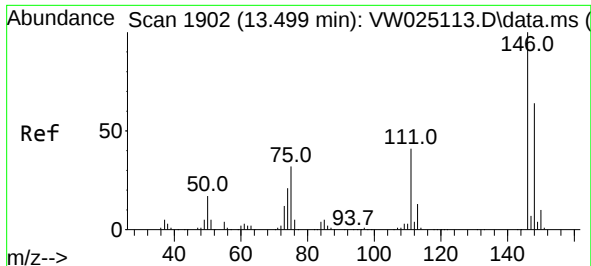
Tgt Ion:105 Resp: 668173

Ion Ratio Lower Upper

105 100

120 44.3 36.1 54.1

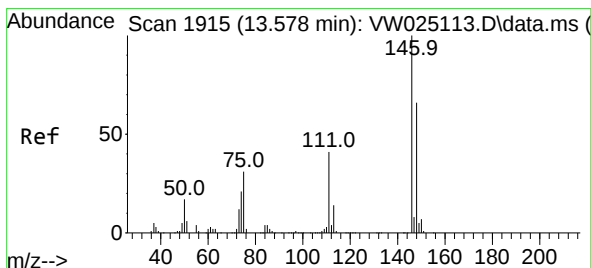
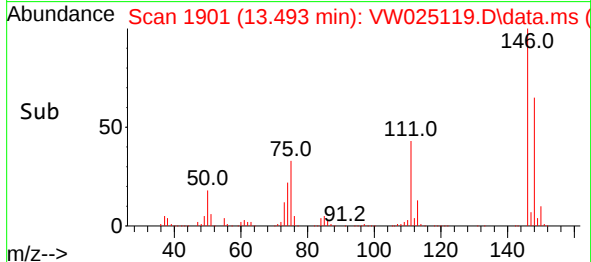
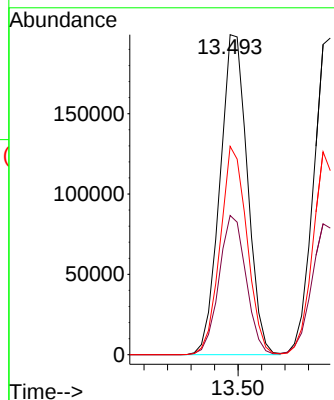
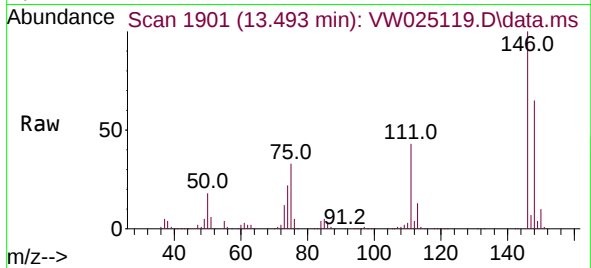




#64
1,3-Dichlorobenzene
Concen: 25.048 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

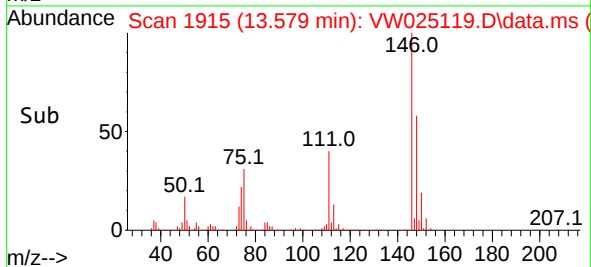
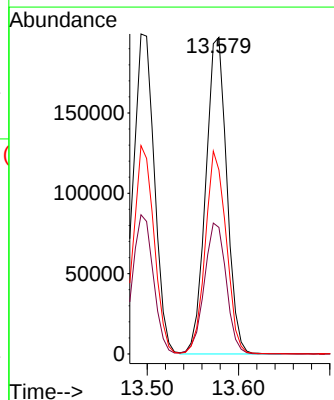
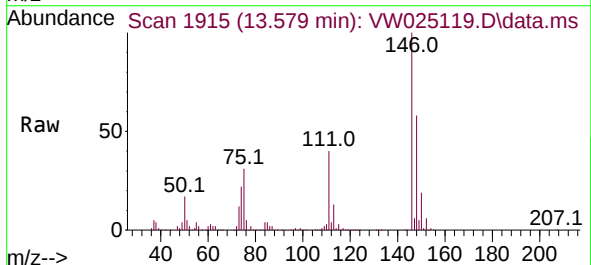
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

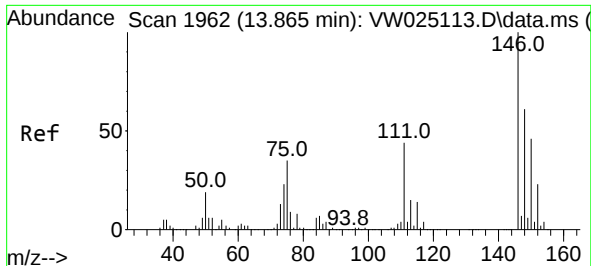
Tgt Ion:146 Resp: 324360
Ion Ratio Lower Upper
146 100
111 43.5 30.2 56.0
148 65.1 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 24.587 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion:146 Resp: 315573
Ion Ratio Lower Upper
146 100
111 40.0 27.4 51.0
148 58.1 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 25.580 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

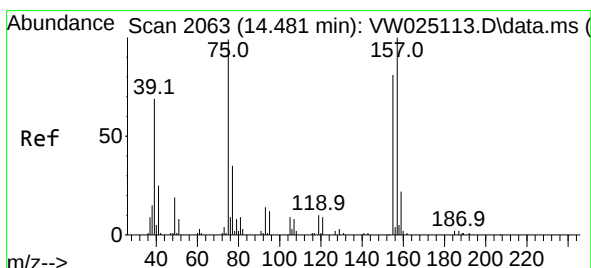
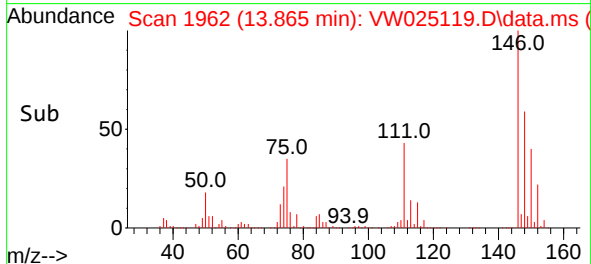
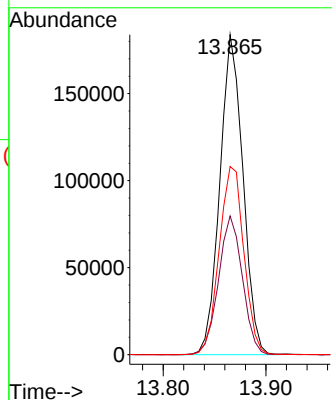
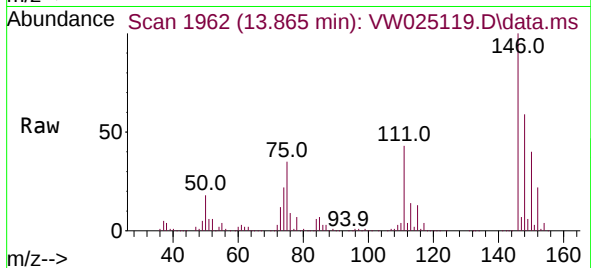
Tgt Ion:146 Resp: 286808

Ion Ratio Lower Upper

146 100

111 43.3 34.3 51.5

148 58.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.082 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025119.D

Acq: 22 Nov 2022 13:50

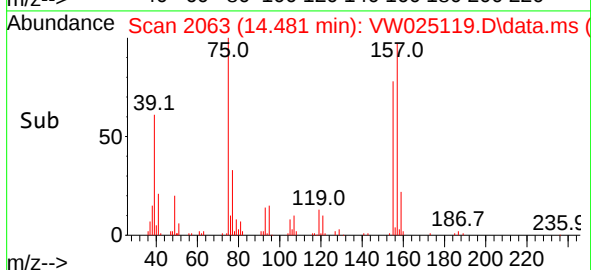
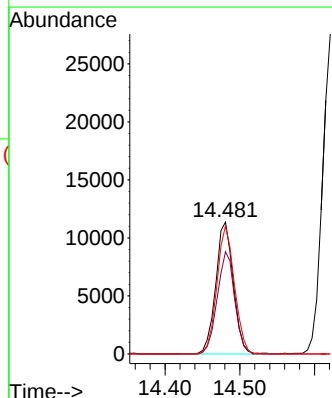
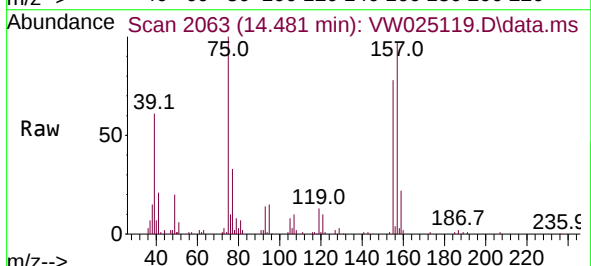
Tgt Ion: 75 Resp: 18533

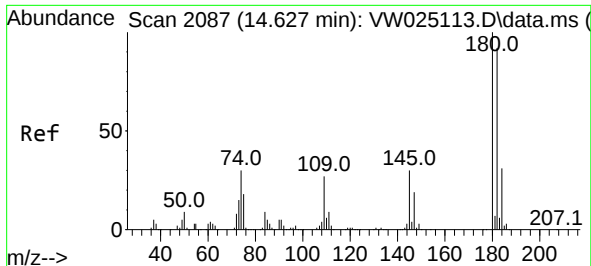
Ion Ratio Lower Upper

75 100

155 77.5 60.3 90.5

157 97.1 84.9 127.3

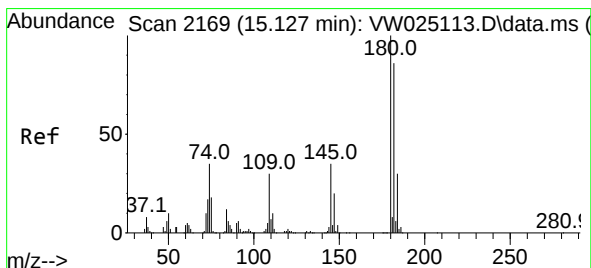
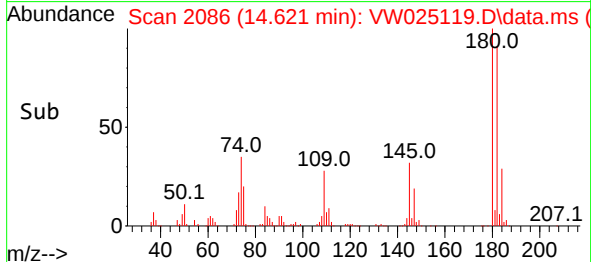
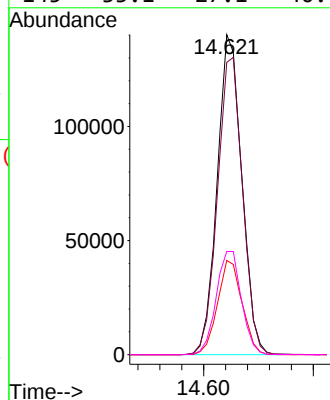
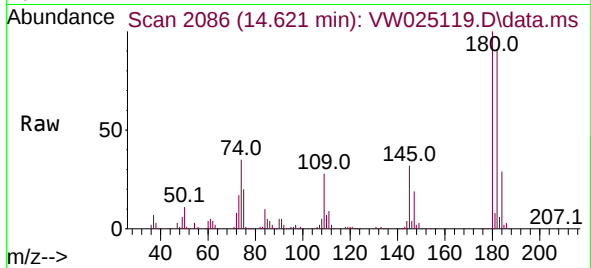




#69
1,3,5-Trichlorobenzene
Concen: 26.247 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

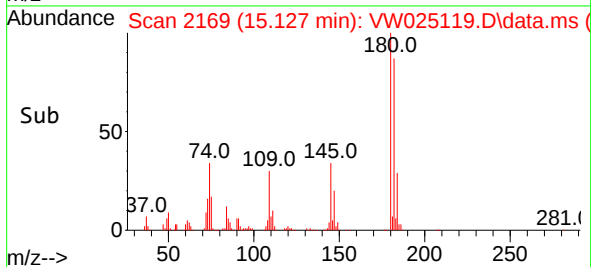
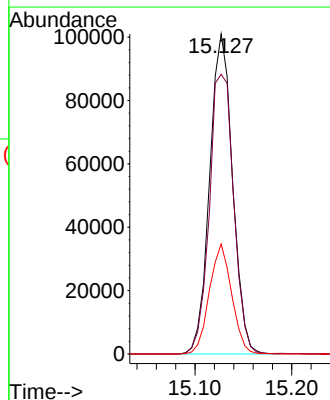
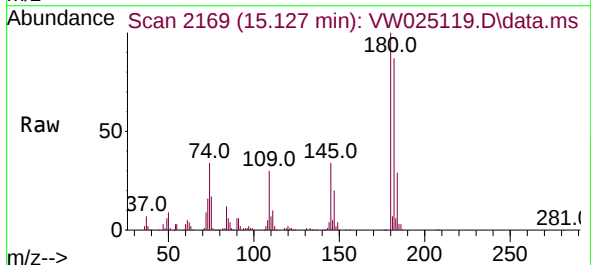
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

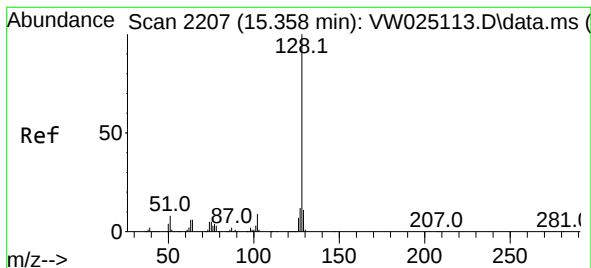
Tgt Ion:180 Resp: 218741
Ion Ratio Lower Upper
180 100
182 94.7 77.8 116.6
184 29.4 24.3 36.5
145 33.1 27.1 40.7



#70
1,2,4-trichlorobenzene
Concen: 26.953 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion:180 Resp: 166415
Ion Ratio Lower Upper
180 100
182 92.9 77.2 115.8
145 33.4 26.9 40.3

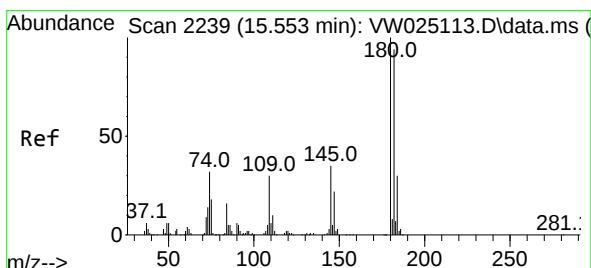
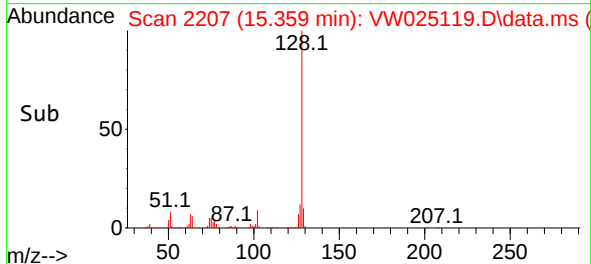
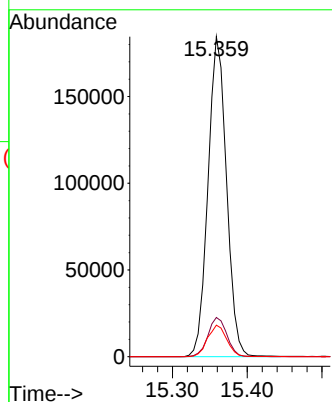
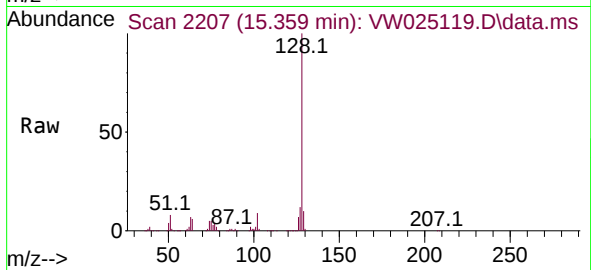




#71
Naphthalene
Concen: 28.055 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

Tgt Ion:128 Resp: 317555
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.2 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 26.902 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW025119.D
Acq: 22 Nov 2022 13:50

Tgt Ion:180 Resp: 138521
Ion Ratio Lower Upper
180 100
182 96.9 76.4 114.6
145 36.3 29.6 44.4

