

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017076.D
 Acq On : 04 Nov 2020 14:54
 Operator : SY/VA
 Sample : VSTD02506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Nov 04 15:56:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 15:48:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	505624	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462385	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232144	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	183598	29.34	ug/L	0.00
7) Chloroethane-d5	2.89	69	139706	29.02	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	315360	26.82	ug/L	0.00
20) 2-Butanone-d5	7.08	46	76258	62.57	ug/L	0.00
24) Chloroform-d	7.65	84	324692	26.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	161466	27.71	ug/L	0.00
29) Benzene-d6	8.27	84	665377	26.78	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	182492	27.09	ug/L	0.00
37) Toluene-d8	10.33	98	622464	26.69	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	82464	28.49	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	64003	64.22	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155657	29.41	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	228603	26.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	134200	23.848	ug/L 100
3) Chloromethane	2.21	50	112938	22.952	ug/L 100
5) Vinyl chloride	2.37	62	176466	24.468	ug/L 100
6) Bromomethane	2.78	94	119013	24.223	ug/L 100
8) Chloroethane	2.93	64	105801	25.319	ug/L 100
9) Trichlorofluoromethane	3.26	101	145675	25.316	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	171348	24.797	ug/L 100
12) 1,1-Dichloroethene	4.04	96	164724	24.975	ug/L 100
13) Acetone	4.13	43	49528	61.507	ug/L 100
14) Carbon disulfide	4.39	76	440174	22.489	ug/L 100
15) Methyl Acetate	4.67	43	62897	30.267	ug/L 100
16) Methylene chloride	4.92	84	165793	24.540	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	204322	27.503	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	169735	24.700	ug/L 100
19) 1,1-Dichloroethane	6.22	63	272010	25.582	ug/L 100
21) 2-Butanone	7.17	43	79495	59.791	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	180636	25.690	ug/L 100
23) Bromochloromethane	7.52	128	88065	26.734	ug/L 100
25) Chloroform	7.68	83	297554	26.123	ug/L 100
27) 1,2-Dichloroethane	8.40	62	177574	26.915	ug/L 100
30) Cyclohexane	7.96	56	233243	24.492	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	253401	25.362	ug/L 100
32) Carbon tetrachloride	8.07	117	242841	25.248	ug/L 100
34) Benzene	8.32	78	640023	25.016	ug/L 100
35) Trichloroethene	9.09	95	174866	24.776	ug/L 100
36) Methylcyclohexane	9.34	83	289715	24.690	ug/L 100
40) 1,2-Dichloropropane	9.37	63	150568	26.088	ug/L 100
41) Bromodichloromethane	9.65	83	210851	26.762	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	241980	26.740	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	175720	60.638	ug/L 100

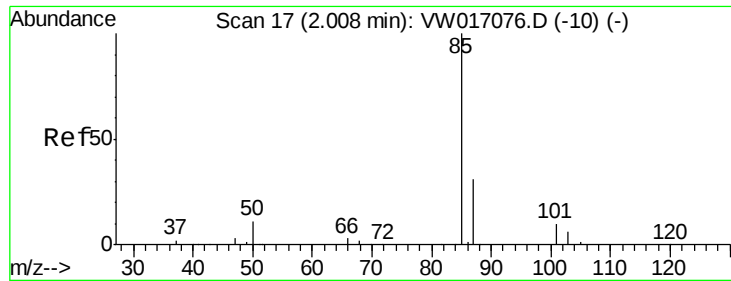
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017076.D
 Acq On : 04 Nov 2020 14:54
 Operator : SY/VA
 Sample : VSTD02506
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Instrument :
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 ClientSampleId :
 VSTD02506

Quant Time: Nov 04 15:56:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 15:48:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	710799	25.629	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	211354	27.862	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	128001	27.191	ug/L	100
47) Tetrachloroethene	10.87	164	156525	24.208	ug/L	100
49) 2-Hexanone	10.97	43	113559	61.559	ug/L	100
50) Dibromochloromethane	11.13	129	157858	27.577	ug/L	100
51) 1,2-Dibromoethane	11.24	107	126277	27.870	ug/L	100
52) Chlorobenzene	11.66	112	474761	25.495	ug/L	100
53) Ethylbenzene	11.73	91	792313	25.516	ug/L	100
54) m,p-Xylene	11.84	106	312597	25.610	ug/L	100
55) o-xylene	12.17	106	300754	26.267	ug/L	100
56) Styrene	12.18	104	510918	26.714	ug/L	100
57) Isopropylbenzene	12.46	105	819002	26.114	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	151973	29.352	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	108356	29.219	ug/L	100
62) Bromoform	12.35	173	96674	28.417	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	388301	25.740	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	387859	25.731	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	362381	26.888	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	23232	30.137	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	290113	26.208	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	238877	27.627	ug/L	100
69) Naphthalene	15.36	128	457756	31.240	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	216208	28.292	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 23.848 ug/L

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampled :

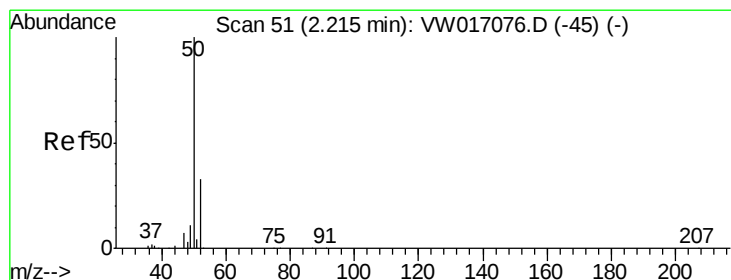
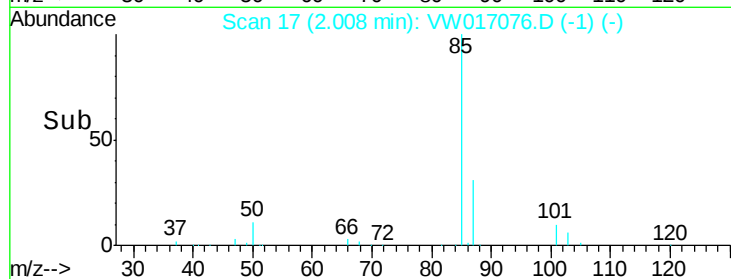
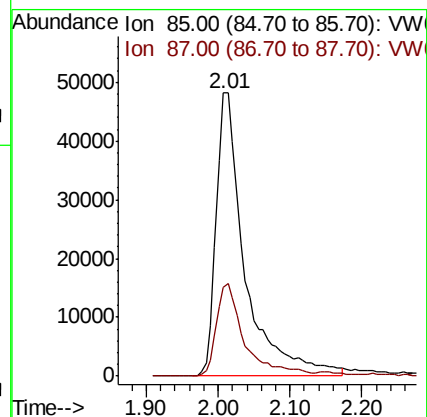
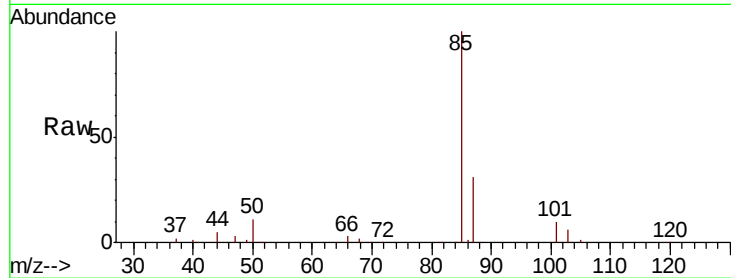
VSTD02506

Tot Ion: 85 Resp: 134200

Ion Ratio Lower Upper

85 100

87 30.7 21.5 39.9



#3

Chloromethane

Concen: 22.952 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW017076.D

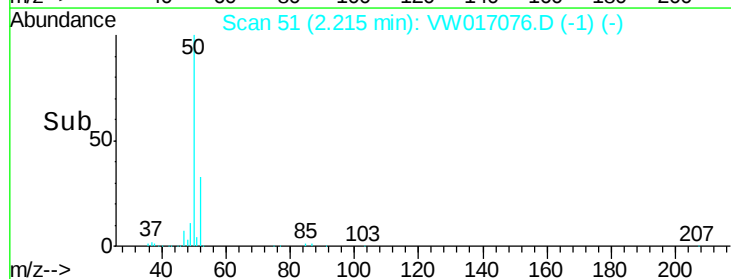
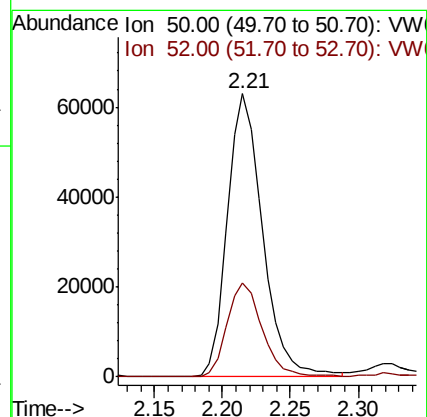
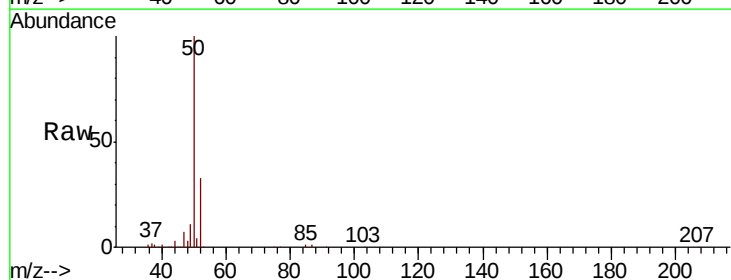
Acq: 04 Nov 2020 14:54

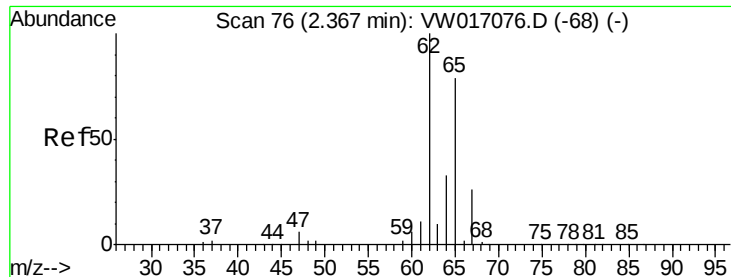
Tgt Ion: 50 Resp: 112938

Ion Ratio Lower Upper

50 100

52 33.0 23.1 42.9





#5

Vinyl chloride

Concen: 24.468 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

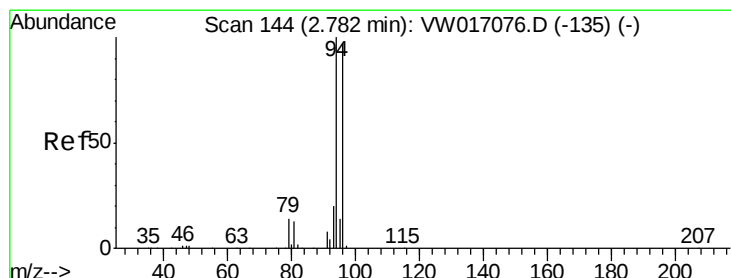
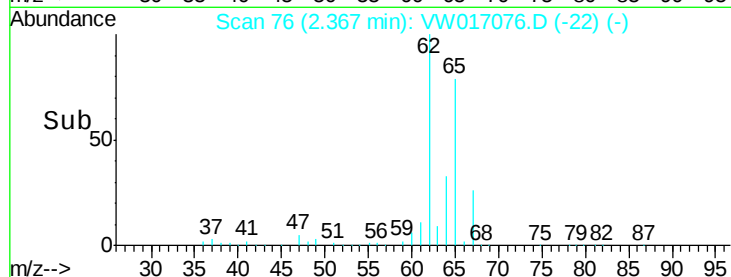
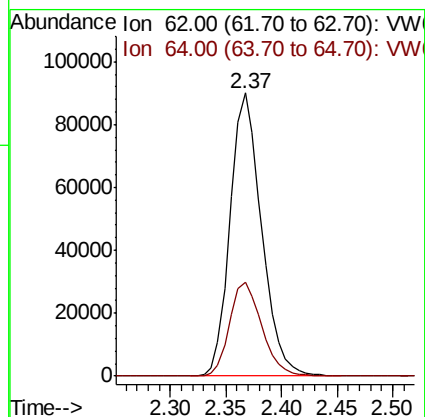
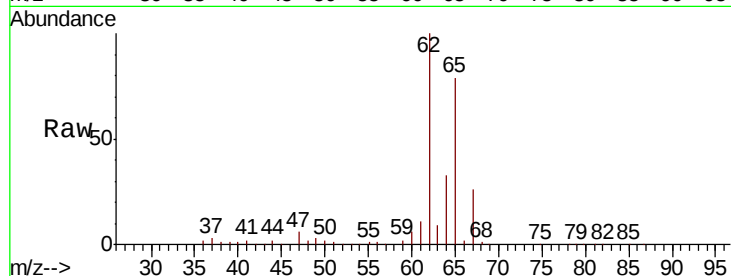
VSTD02506

Tot Ion: 62 Resp: 176466

Ion Ratio Lower Upper

62 100

64 33.3 23.3 43.3



#6

Bromomethane

Concen: 24.223 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW017076.D

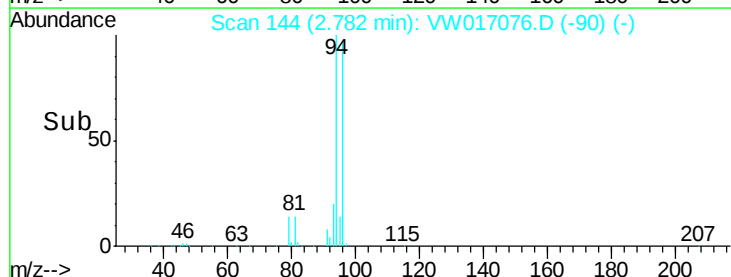
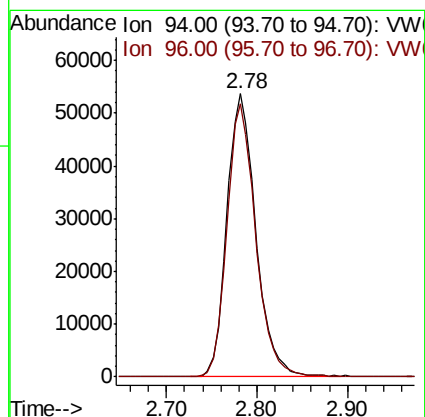
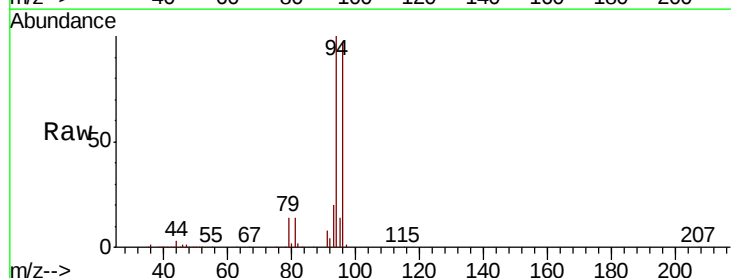
Acq: 04 Nov 2020 14:54

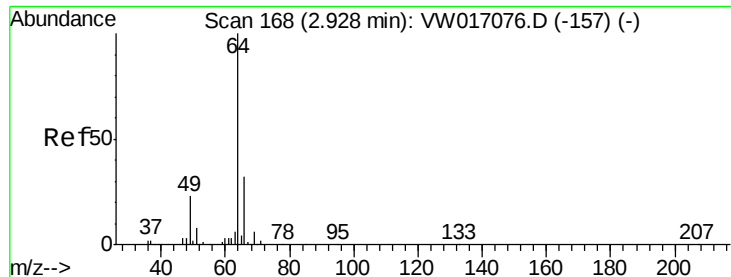
Tgt Ion: 94 Resp: 119013

Ion Ratio Lower Upper

94 100

96 95.7 9.6 181.8





#8

Chloroethane

Concen: 25.319 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

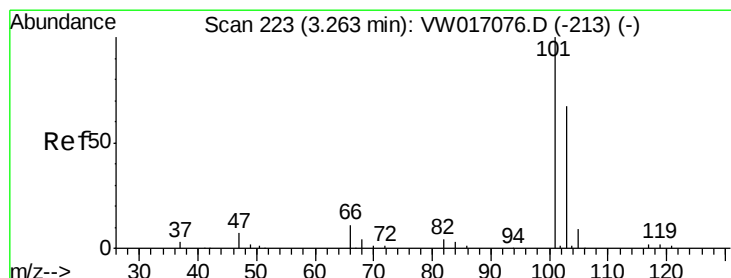
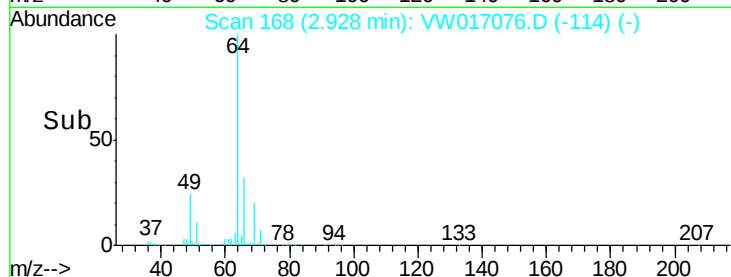
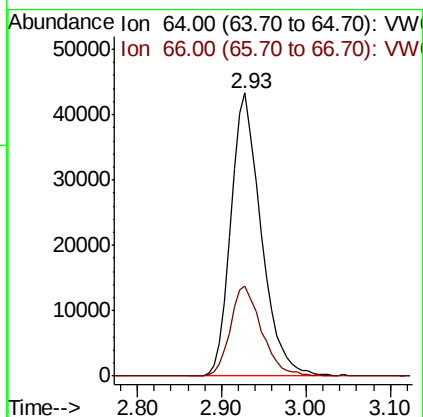
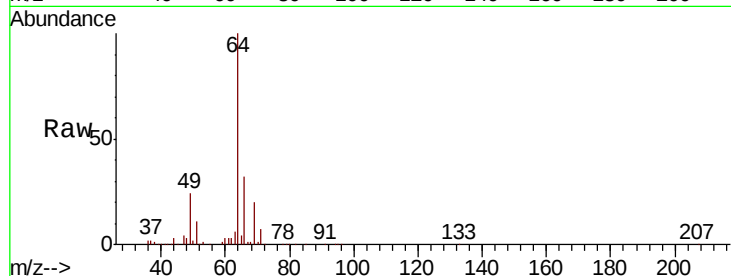
VSTD02506

Tot Ion: 64 Resp: 105801

Ion Ratio Lower Upper

64 100

66 31.9 22.3 41.5



#9

Trichlorofluoromethane

Concen: 25.316 ug/L

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

Lab File: VW017076.D

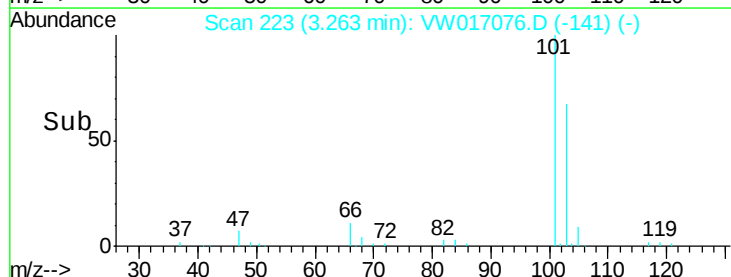
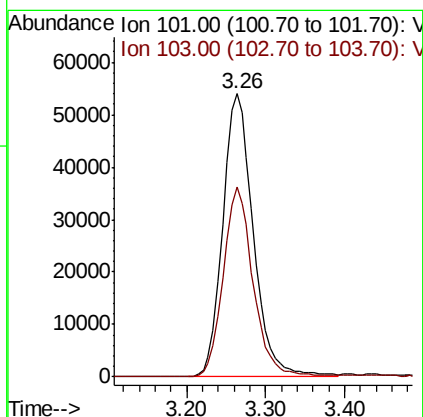
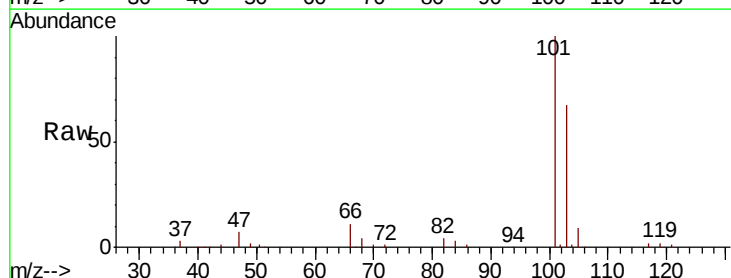
Acq: 04 Nov 2020 14:54

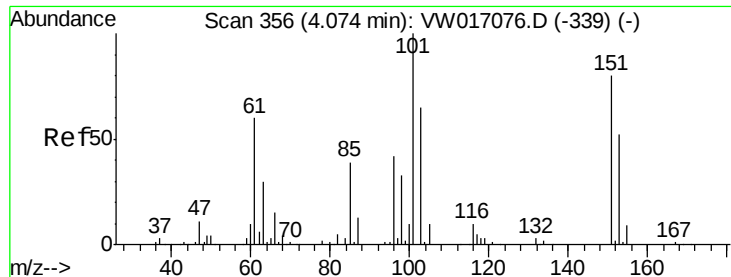
Tgt Ion: 101 Resp: 145675

Ion Ratio Lower Upper

101 100

103 64.8 45.4 84.2





#11

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

Concen: 24.797 ug/L

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampled :

VSTD02506

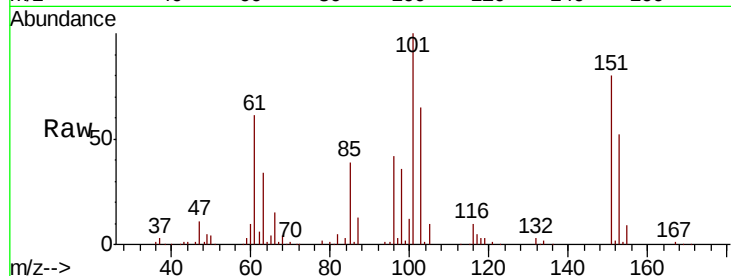
Tot Ion:101 Resp: 171348

Ion Ratio Lower Upper

101 100

85 41.0 32.8 49.2

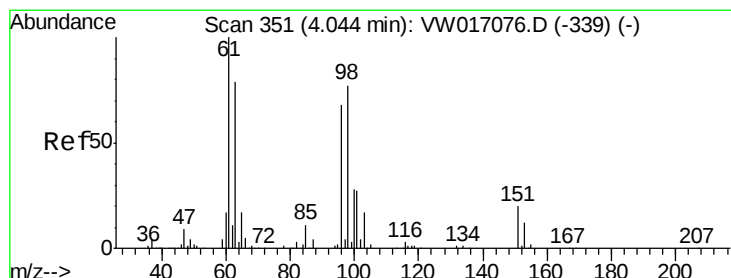
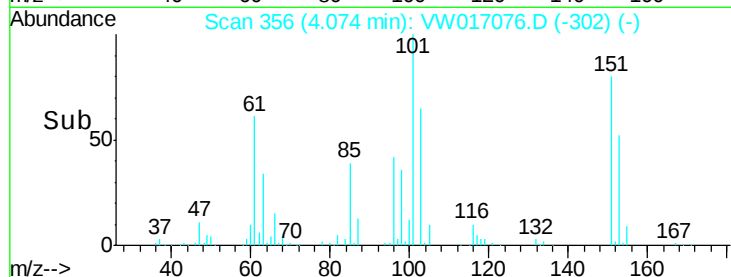
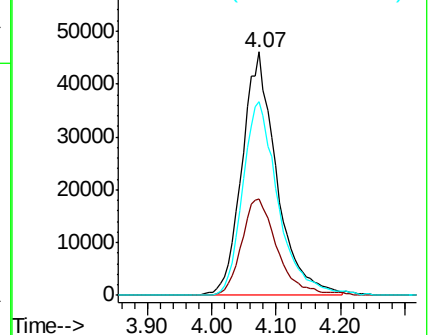
151 81.8 65.4 98.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 24.975 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

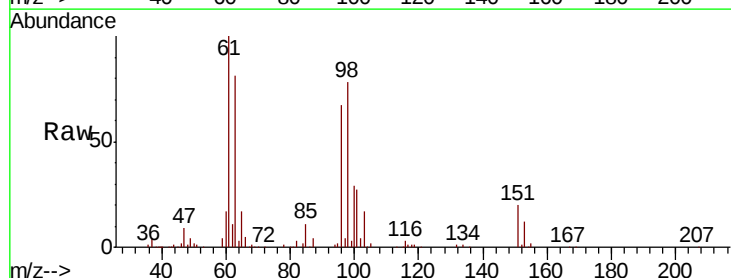
Tgt Ion: 96 Resp: 164724

Ion Ratio Lower Upper

96 100

61 148.3 103.8 192.8

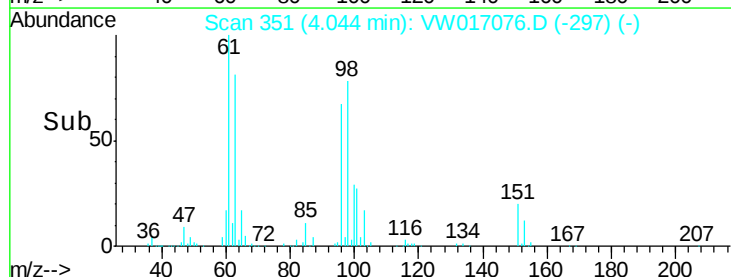
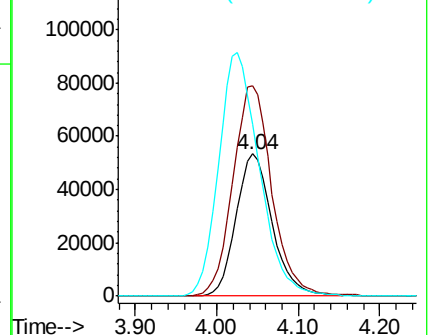
63 120.5 84.4 156.7

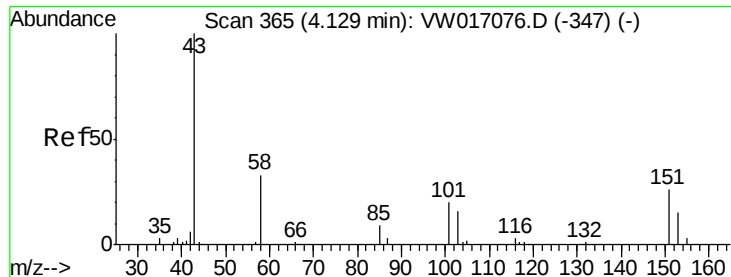


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 61.507 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

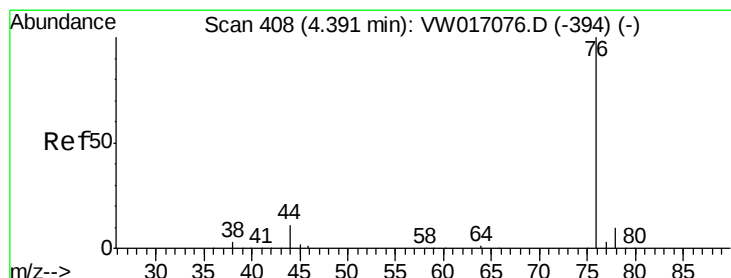
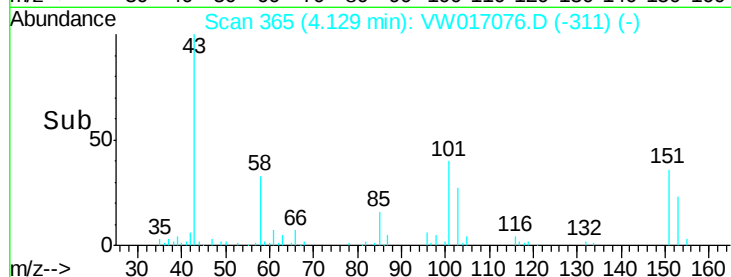
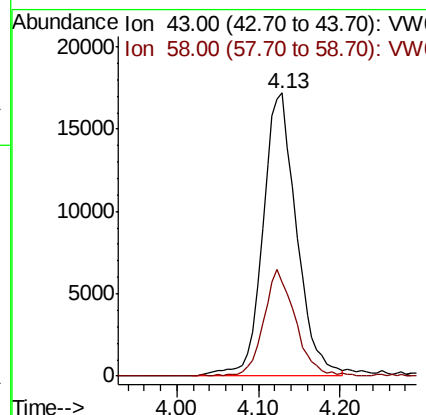
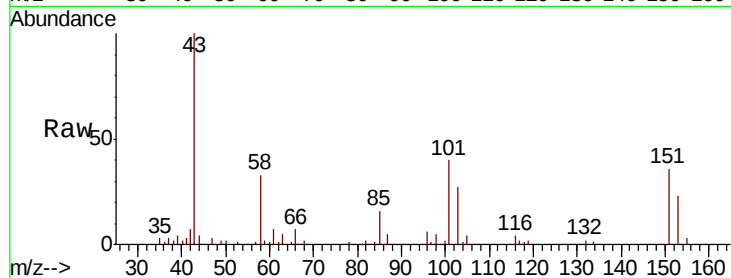
VSTD02506

Tot Ion: 43 Resp: 49528

Ion Ratio Lower Upper

43 100

58 34.6 0.0 69.2



#14

Carbon disulfide

Concen: 22.489 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017076.D

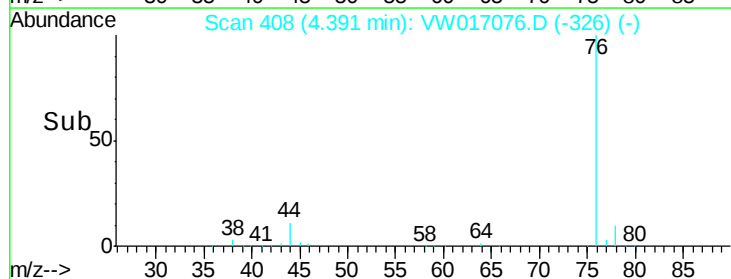
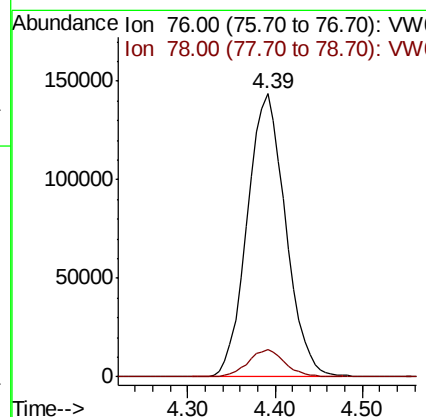
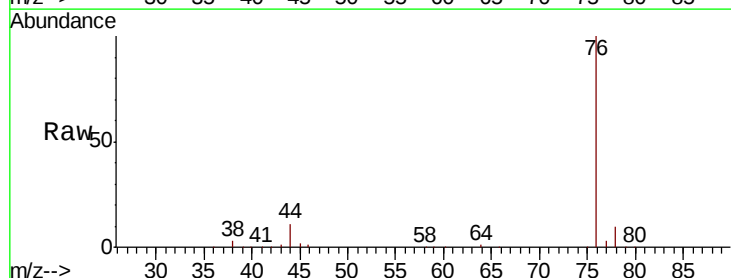
Acq: 04 Nov 2020 14:54

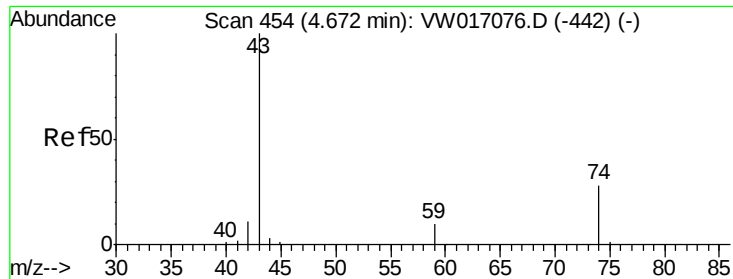
Tgt Ion: 76 Resp: 440174

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

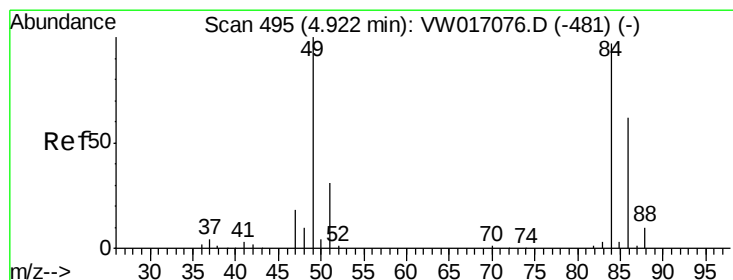
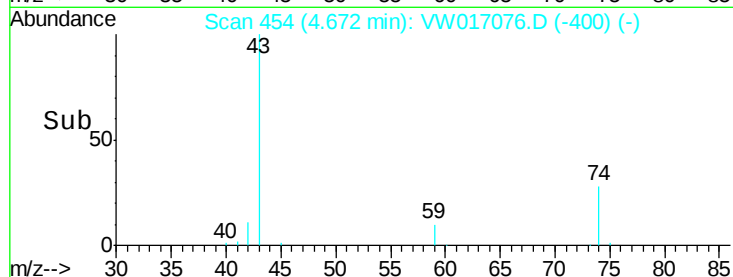
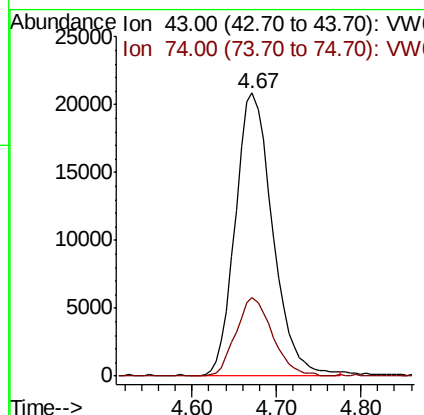
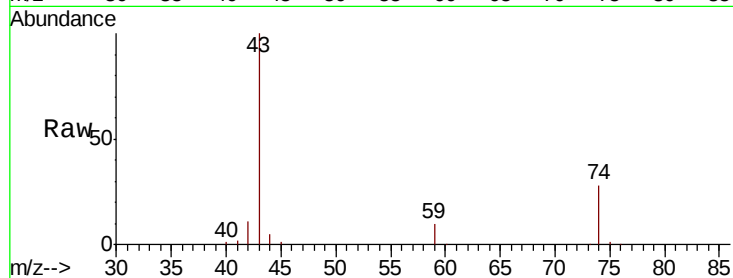




#15
Methyl Acetate
Concen: 30.267 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

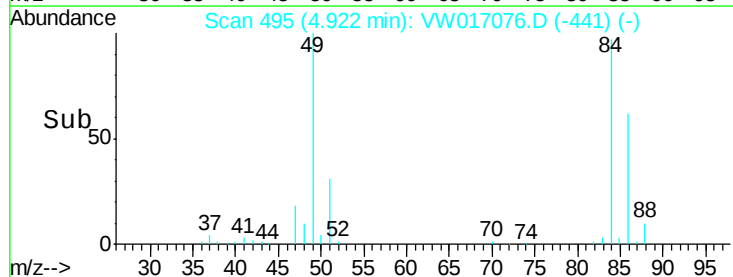
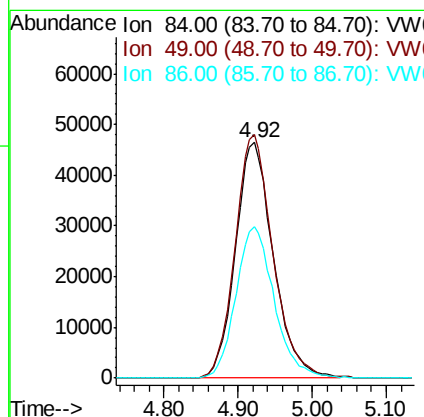
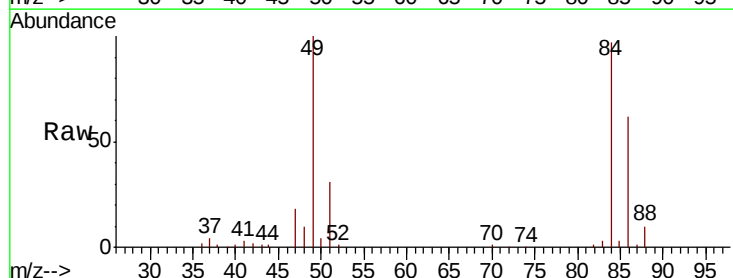
Instrument :
MSVOA_W
ClientSampled :
VSTD02506

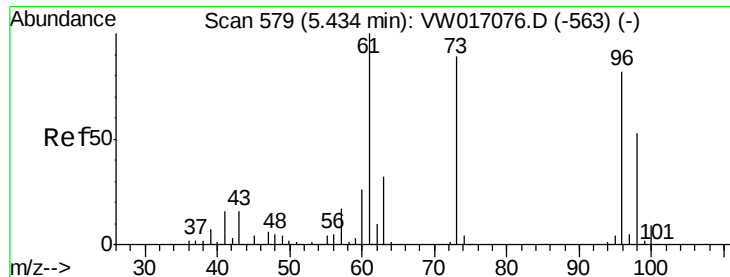
Tot Ion: 43 Resp: 62897
Ion Ratio Lower Upper
43 100
74 26.9 21.5 32.3



#16
Methylene chloride
Concen: 24.540 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

Tgt Ion: 84 Resp: 165793
Ion Ratio Lower Upper
84 100
49 103.3 72.3 134.3
86 64.4 45.1 83.7

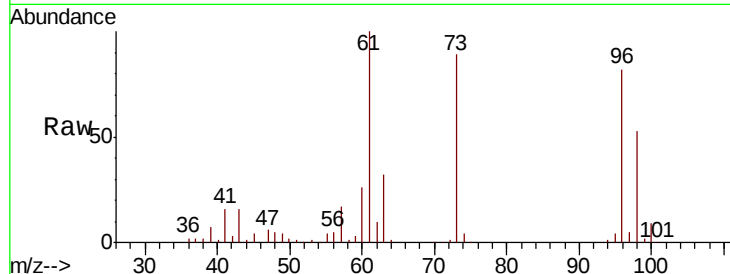




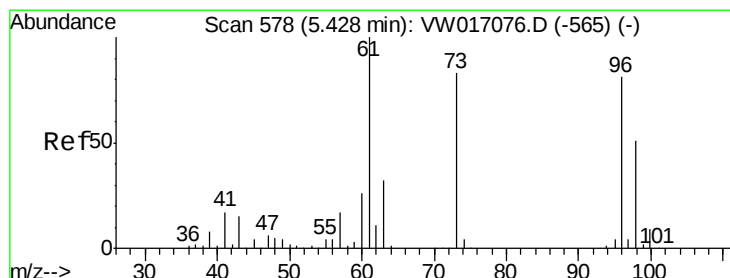
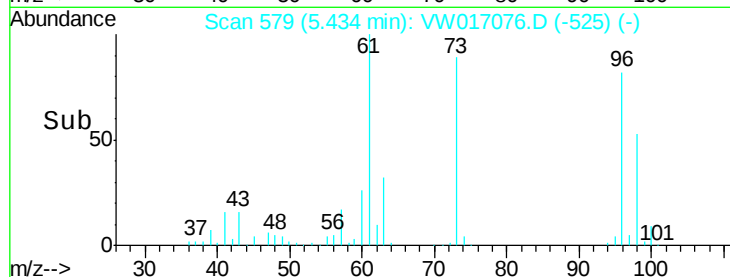
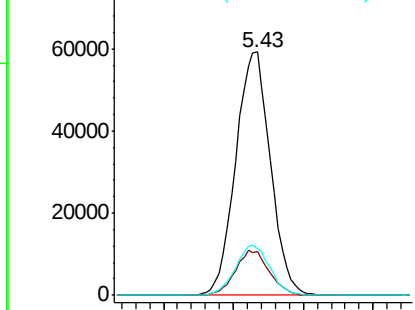
#17
Methvl tert-butvl Ether
Concen: 27.503 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

Tot Ion: 73 Resp: 204322
Ion Ratio Lower Upper
73 100
43 18.1 14.5 21.7
57 20.4 16.3 24.5

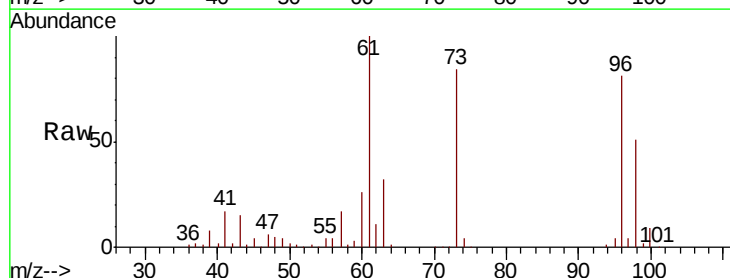


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

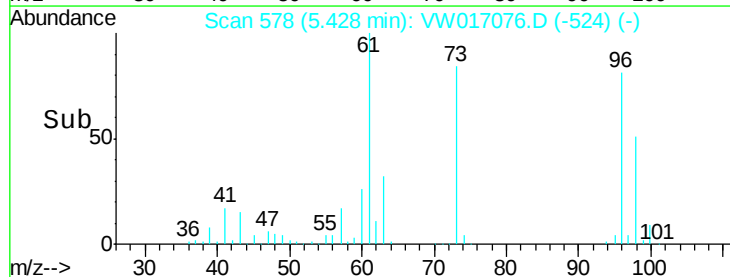
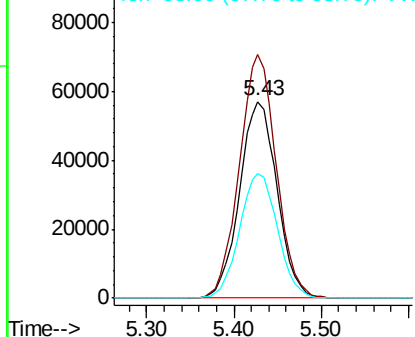


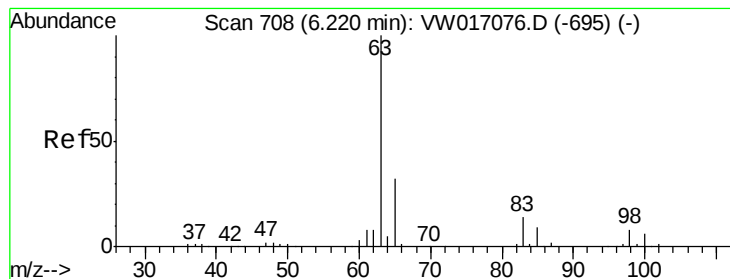
#18
trans-1,2-Dichloroethene
Concen: 24.700 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

Tgt Ion: 96 Resp: 169735
Ion Ratio Lower Upper
96 100
61 124.0 86.8 161.2
98 63.4 44.4 82.4



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW





#19

1,1-Dichloroethane

Concen: 25.582 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02506

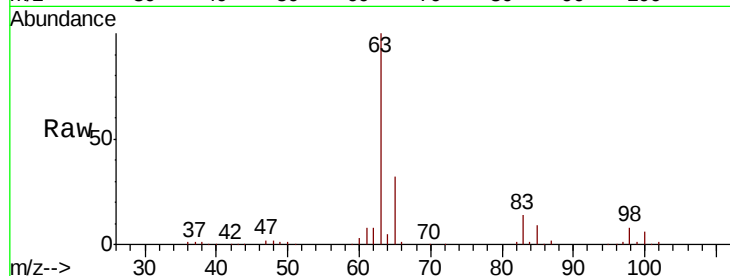
Tot Ion: 63 Resp: 272010

Ion Ratio Lower Upper

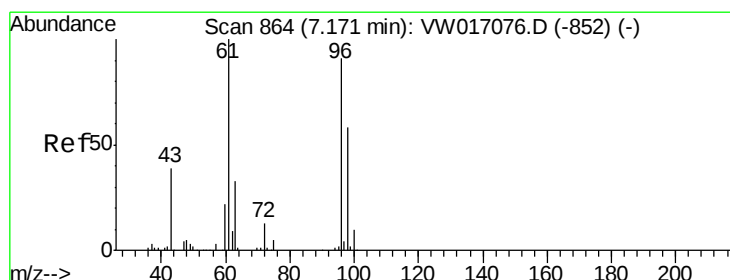
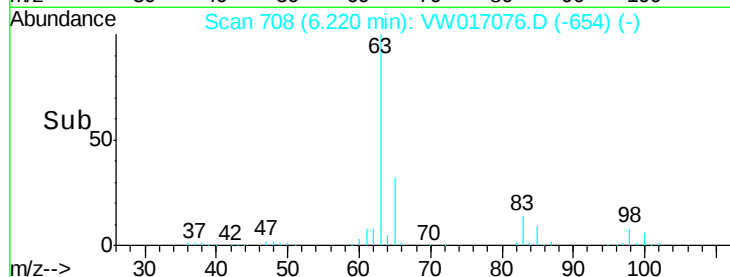
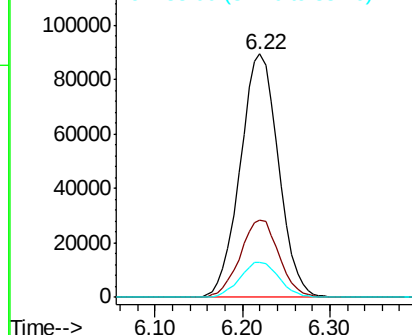
63 100

65 31.6 22.1 41.1

83 14.3 10.0 18.6



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 65.00 (64.70 to 65.70): VW
Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 59.791 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW017076.D

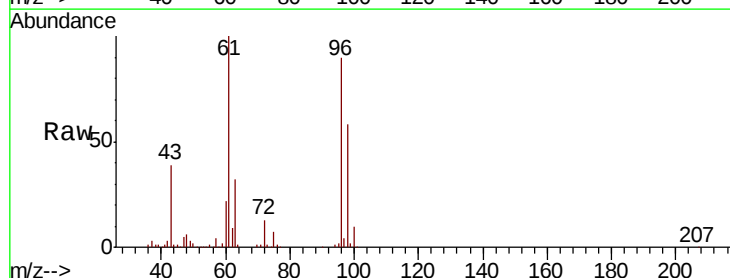
Acq: 04 Nov 2020 14:54

Tgt Ion: 43 Resp: 79495

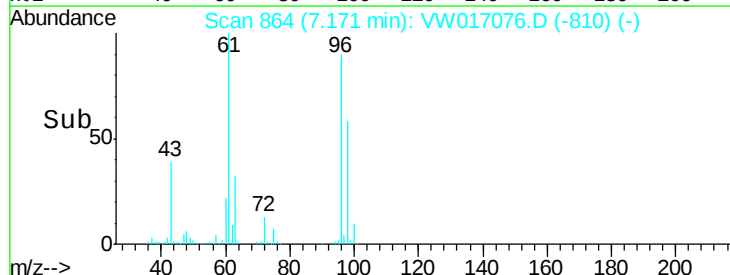
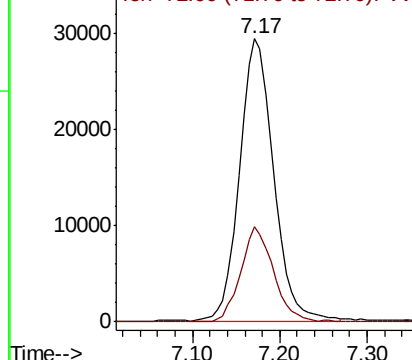
Ion Ratio Lower Upper

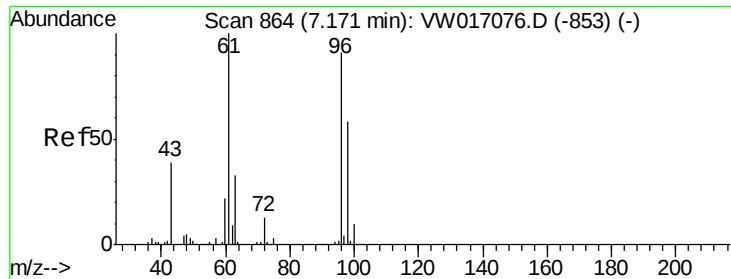
43 100

72 32.2 16.1 48.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



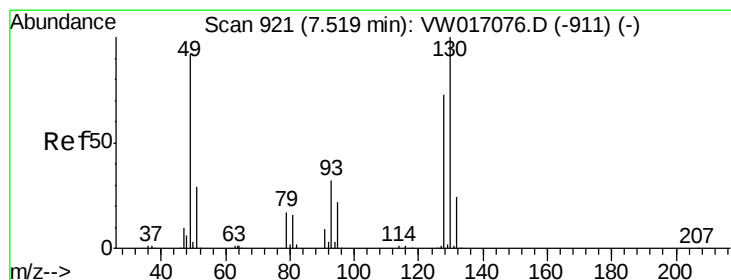
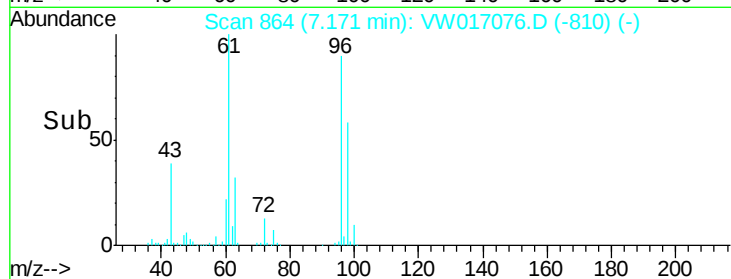
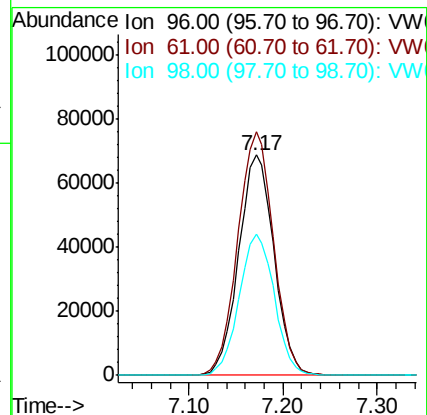
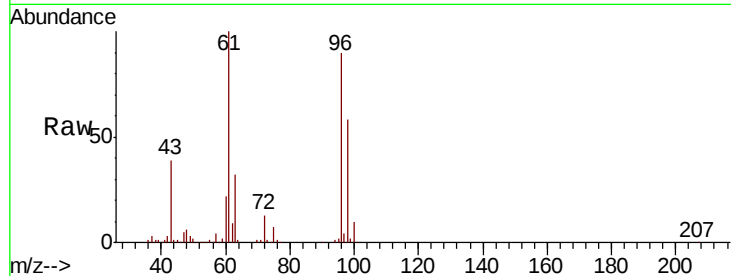


#22

cis-1,2-Dichloroethene
Concen: 25.690 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

Instrument :
MSVOA_W
ClientSampled :
VSTD02506

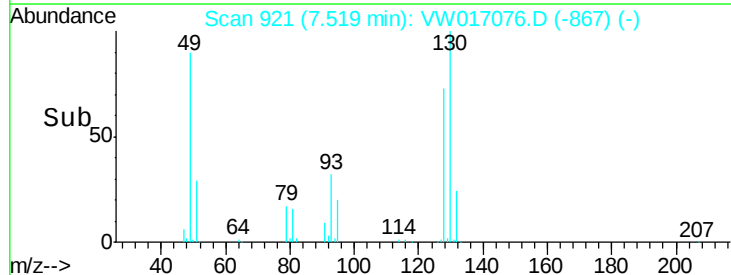
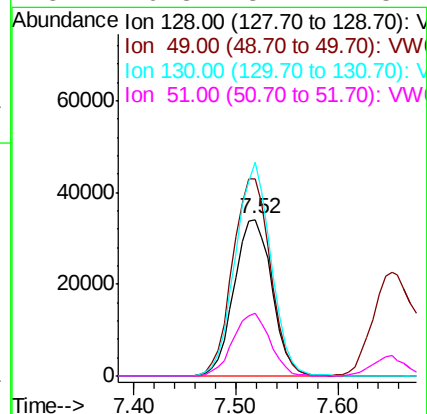
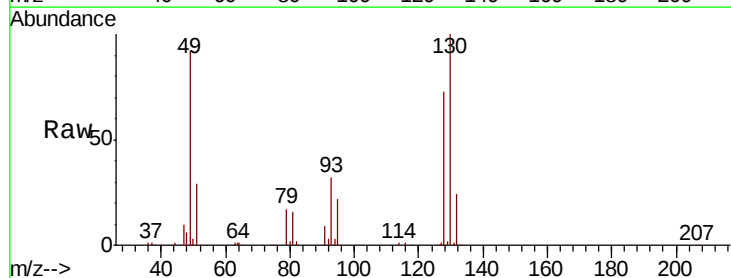
Tot Ion: 96 Resp: 180636
Ion Ratio Lower Upper
96 100
61 110.6 77.4 143.8
98 64.4 45.1 83.7

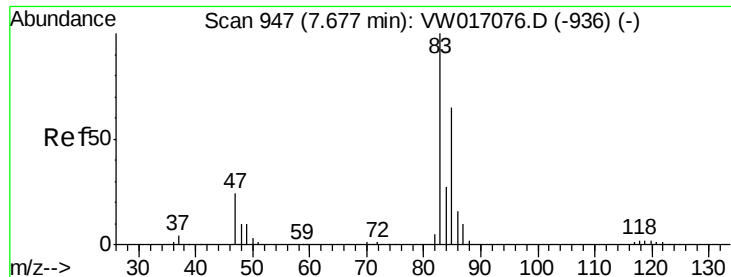


#23

Bromochloromethane
Concen: 26.734 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

Tgt Ion: 128 Resp: 88065
Ion Ratio Lower Upper
128 100
49 126.1 88.3 163.9
130 136.6 95.6 177.6
51 40.3 32.2 48.4

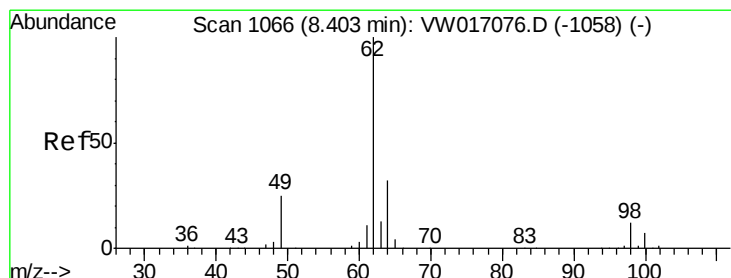
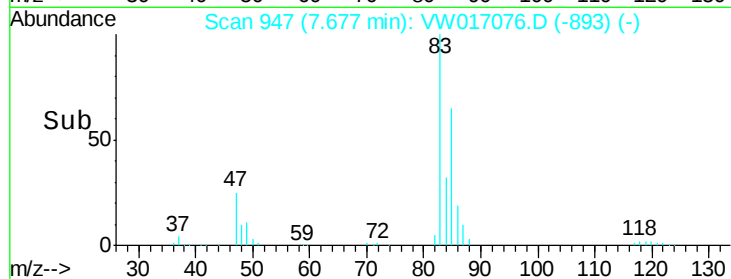
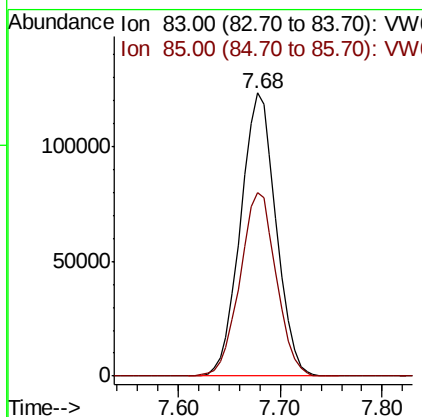
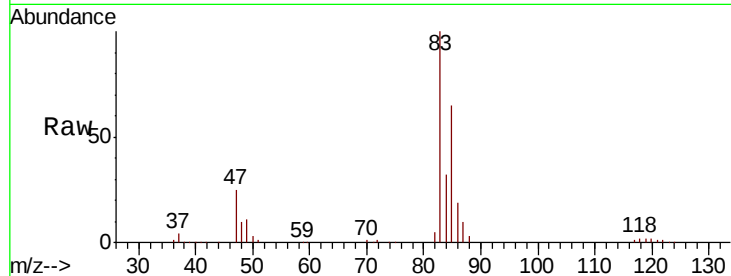




#25
Chloroform
Concen: 26.123 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

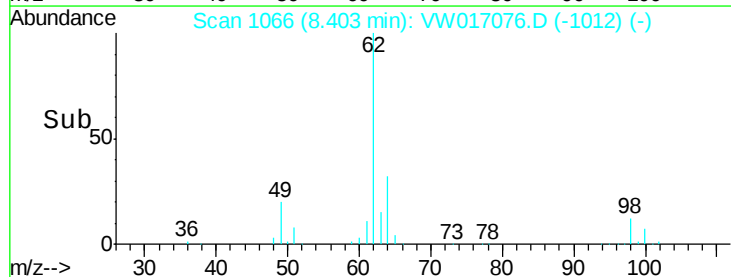
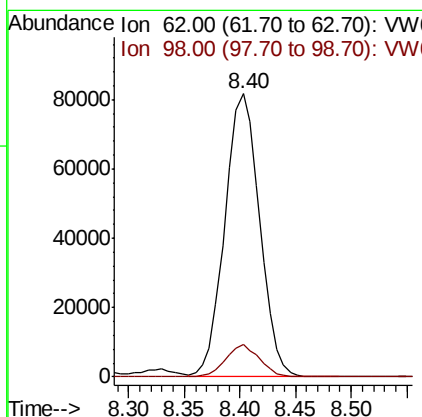
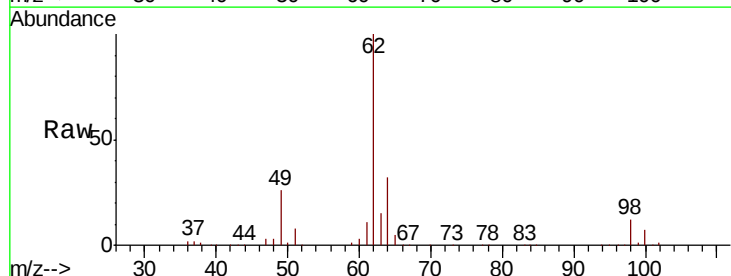
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

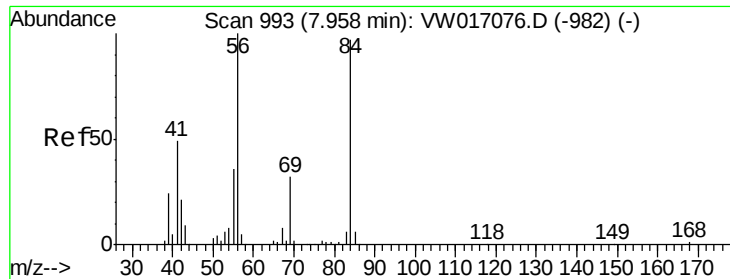
Tot Ion: 83 Resp: 297554
Ion Ratio Lower Upper
83 100
85 66.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.915 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

Tgt Ion: 62 Resp: 177574
Ion Ratio Lower Upper
62 100
98 11.7 9.4 14.0

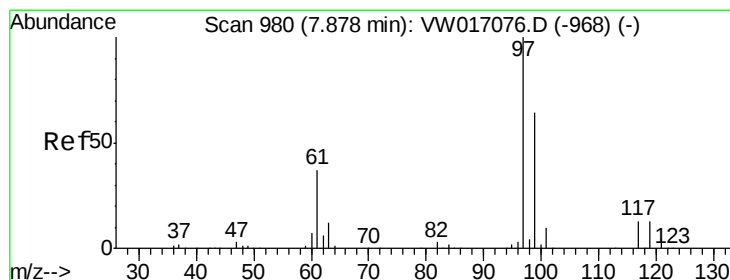
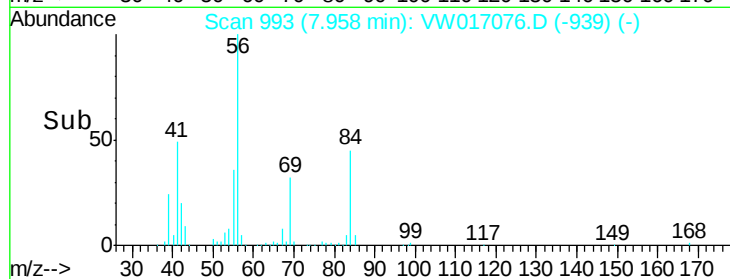
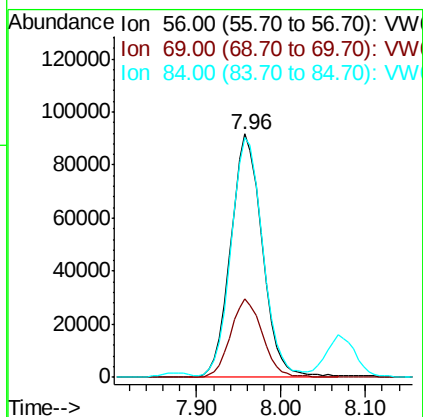
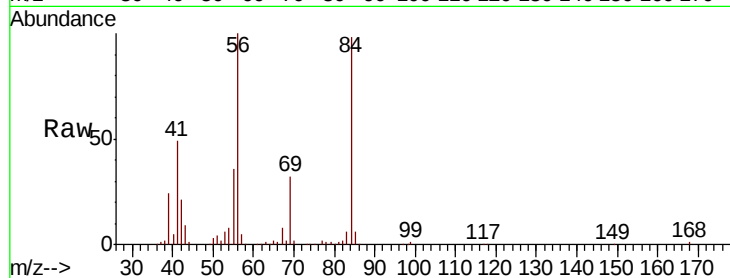




#30
Cyclohexane
Concen: 24.492 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

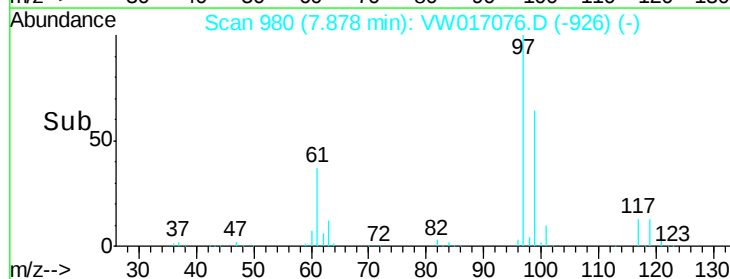
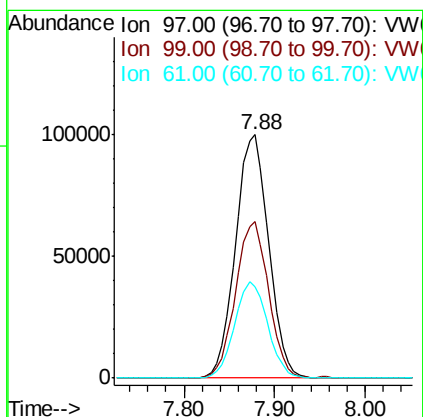
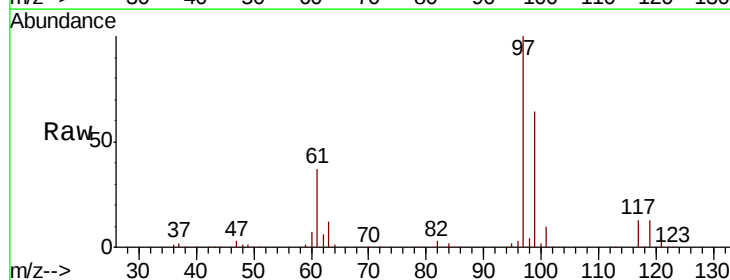
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

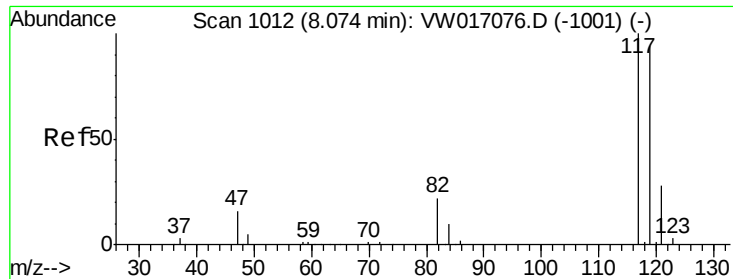
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.1	39.1
84	98.9	79.1	118.7



#31
1,1,1-Trichloroethane
Concen: 25.362 ug/L
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	39.5	31.6	47.4





#32

Carbon tetrachloride

Concen: 25.248 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampled :

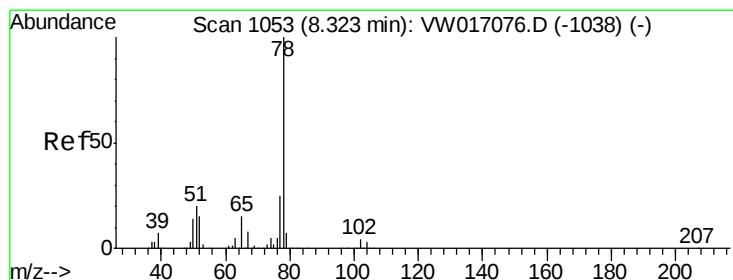
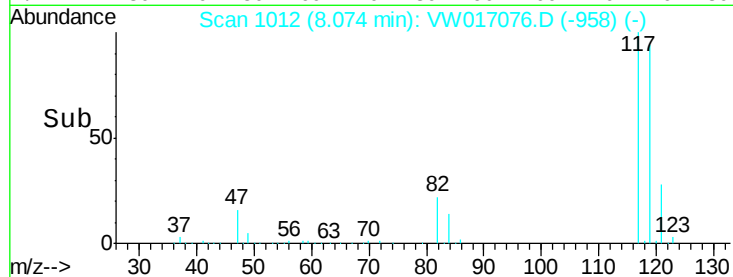
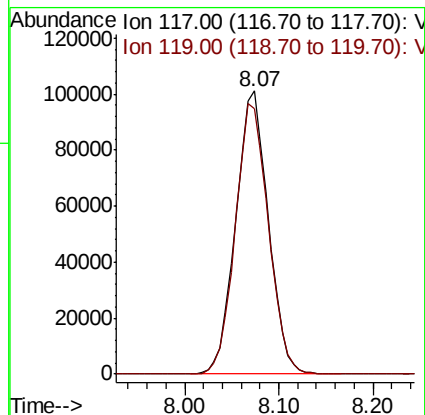
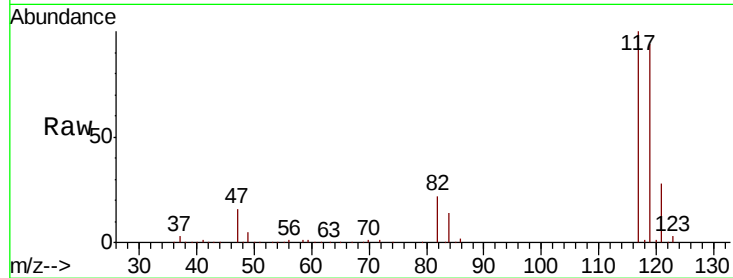
VSTD02506

Tot Ion:117 Resp: 242841

Ion Ratio Lower Upper

117 100

119 97.1 77.7 116.5



#34

Benzene

Concen: 25.016 ug/L

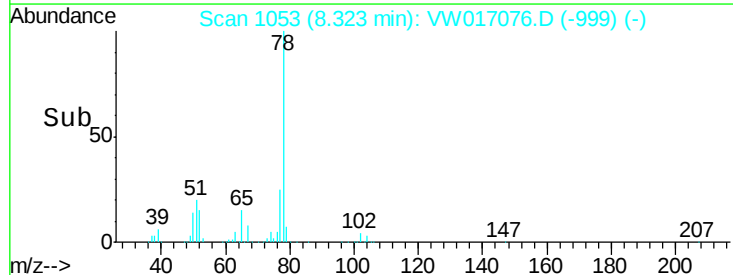
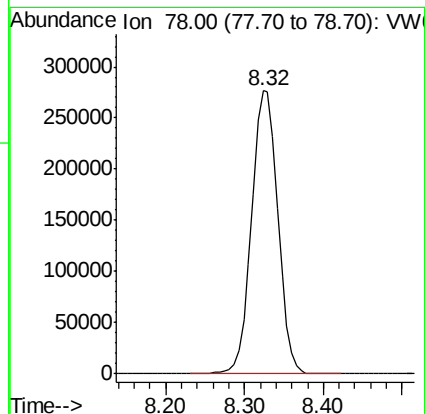
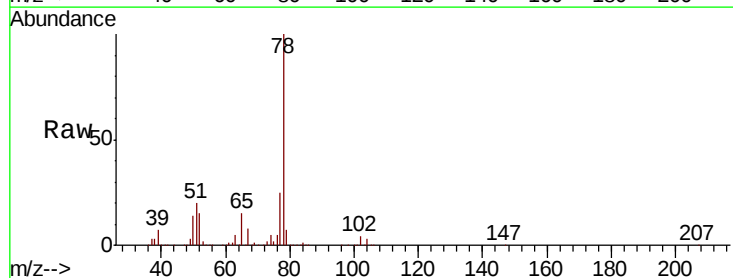
RT: 8.32 min Scan# 1053

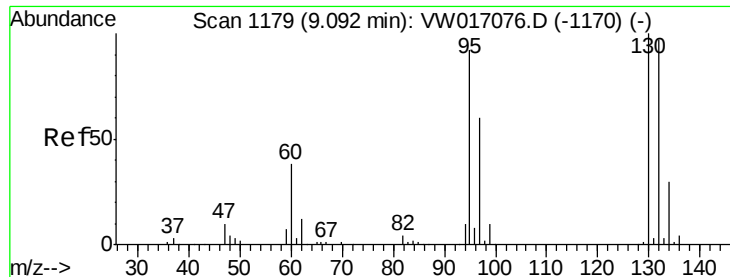
Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Tgt Ion: 78 Resp: 640023





#35

Trichloroethene

Concen: 24.776 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02506

Tot Ion: 95 Resp: 174866

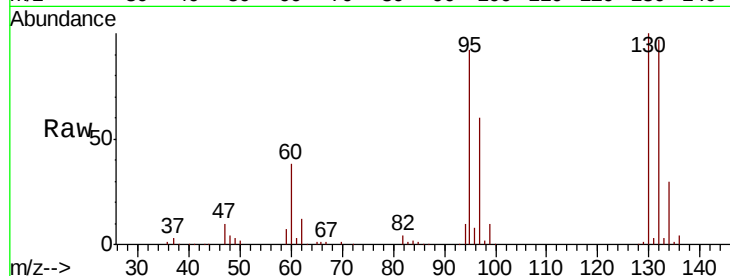
Ion Ratio Lower Upper

95 100

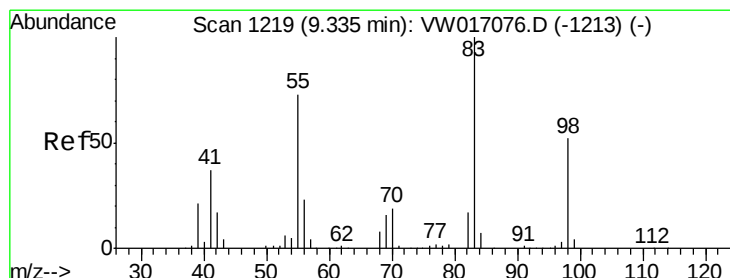
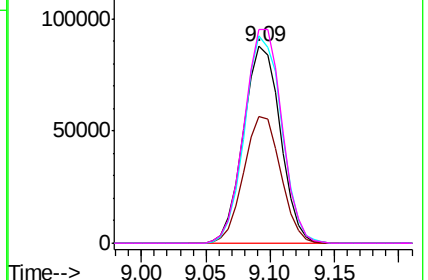
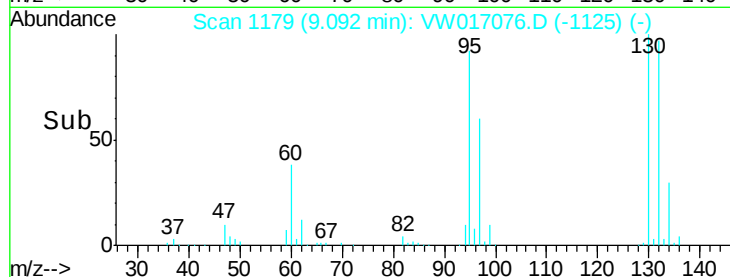
97 64.3 45.0 83.6

132 105.3 73.7 136.9

130 110.1 77.1 143.1



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 24.690 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

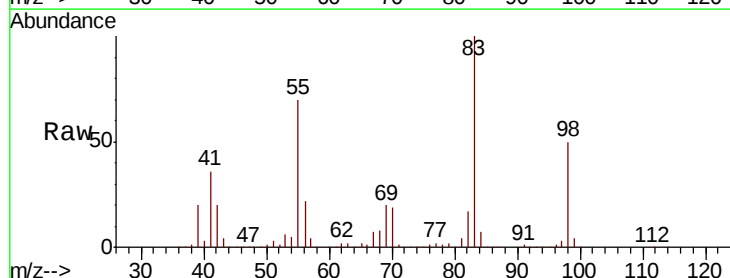
Tgt Ion: 83 Resp: 289715

Ion Ratio Lower Upper

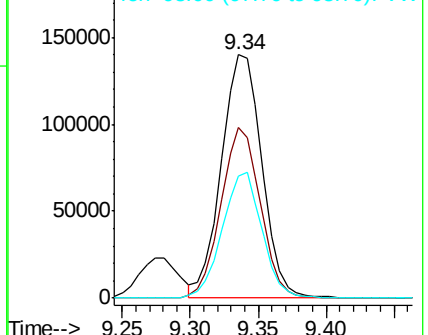
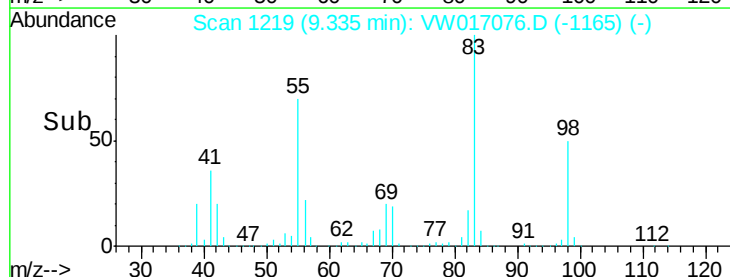
83 100

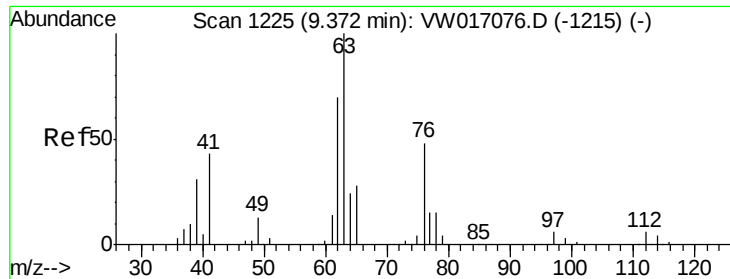
55 68.0 54.4 81.6

98 50.6 40.5 60.7



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

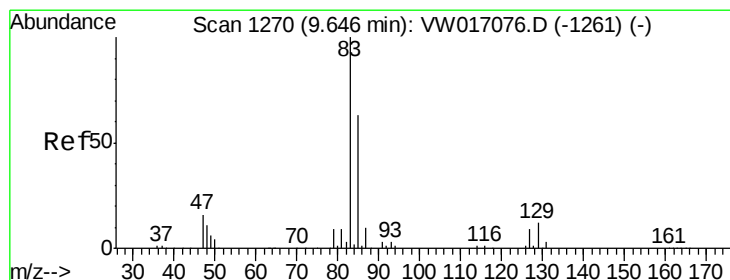
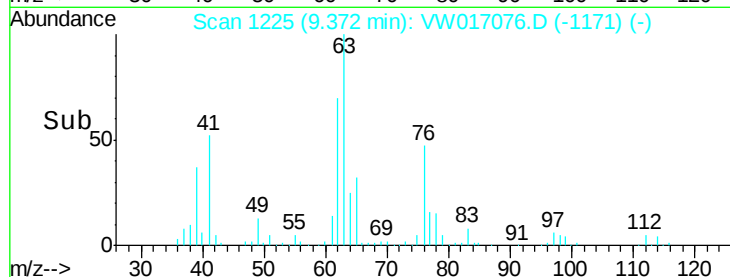
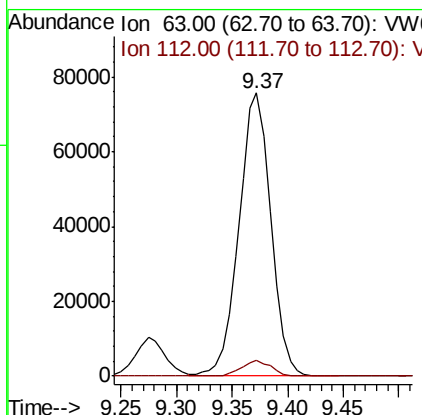
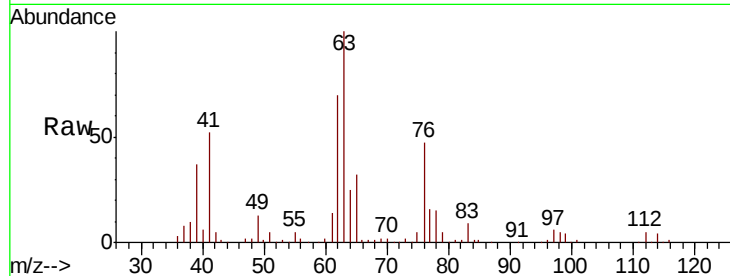




#40
 1,2-Dichloropropane
 Concen: 26.088 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

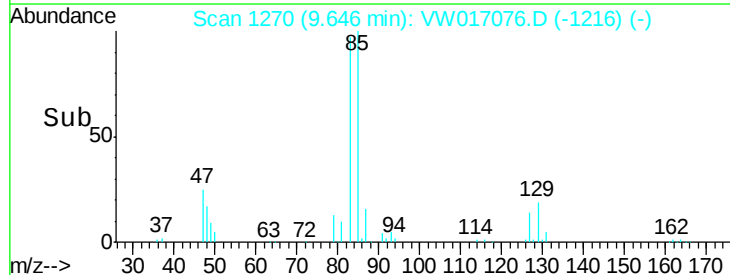
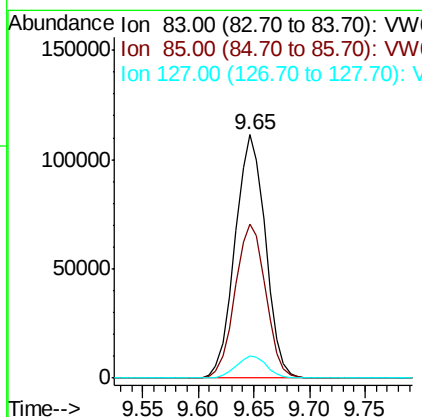
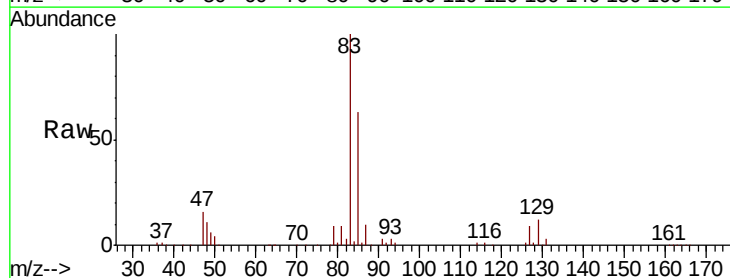
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

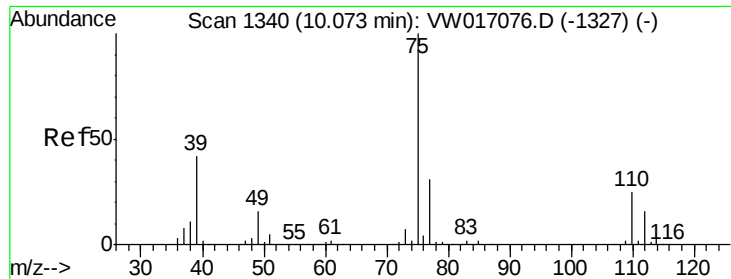
Tot Ion: 63 Resp: 150568
 Ion Ratio Lower Upper
 63 100
 112 5.2 4.2 6.2



#41
 Bromodichloromethane
 Concen: 26.762 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

Tgt Ion: 83 Resp: 210851
 Ion Ratio Lower Upper
 83 100
 85 63.4 44.4 82.4
 127 9.1 7.3 10.9





#42

cis-1,3-Dichloropropene

Concen: 26.740 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampled :

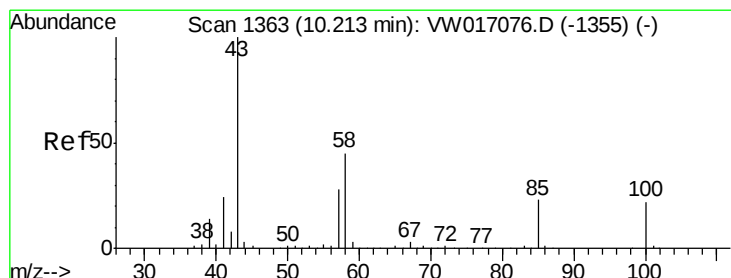
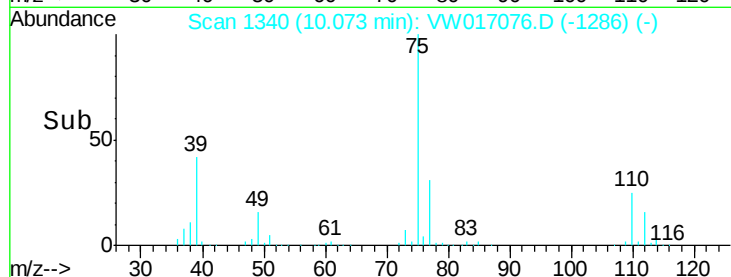
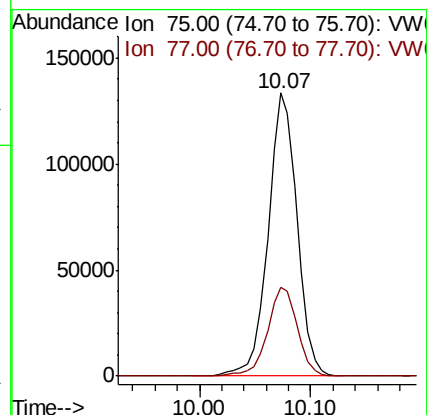
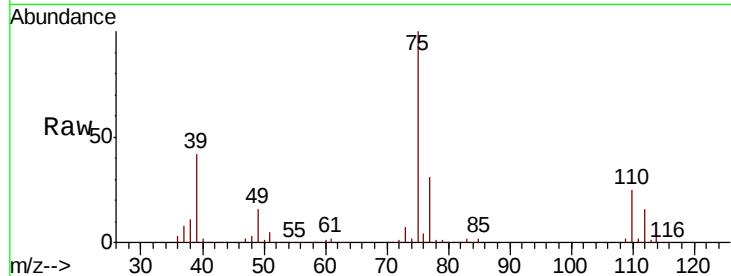
VSTD02506

Tot Ion: 75 Resp: 241980

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#43

4-Methyl-2-pentanone

Concen: 60.638 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

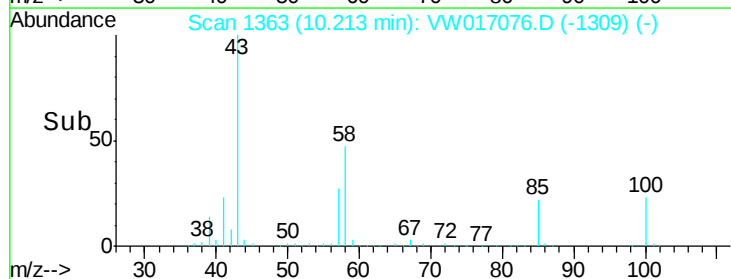
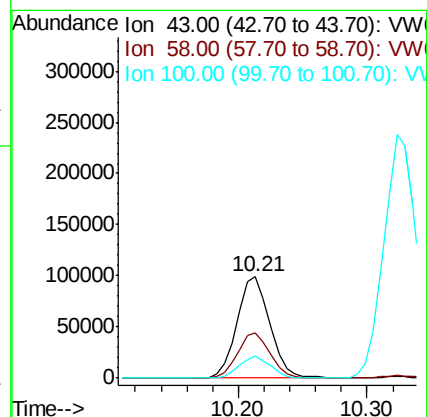
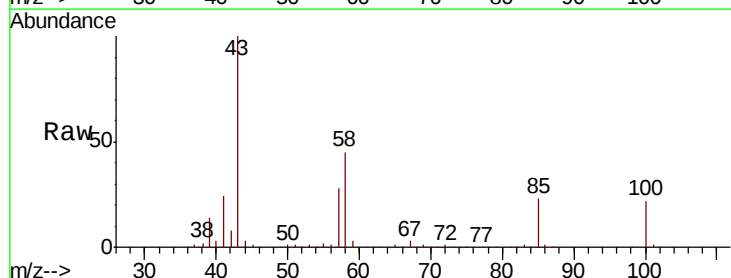
Tgt Ion: 43 Resp: 175720

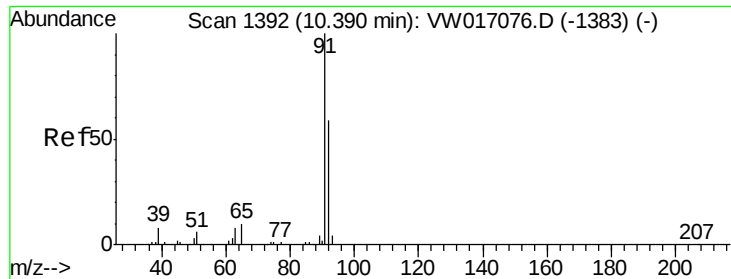
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 20.7 16.6 24.8





#44

Toluene

Concen: 25.629 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

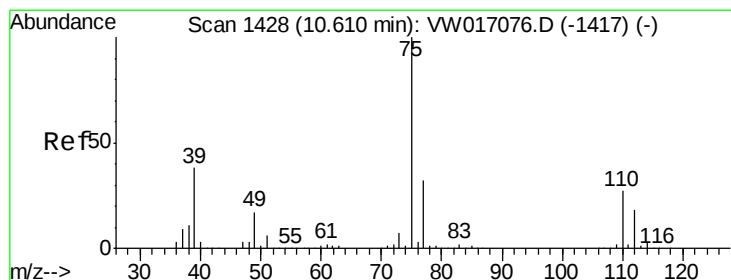
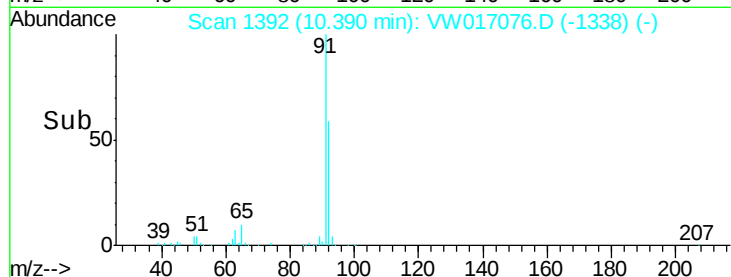
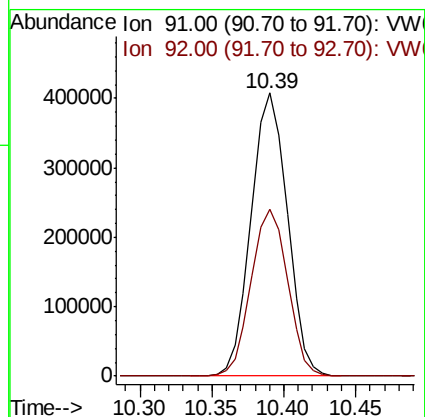
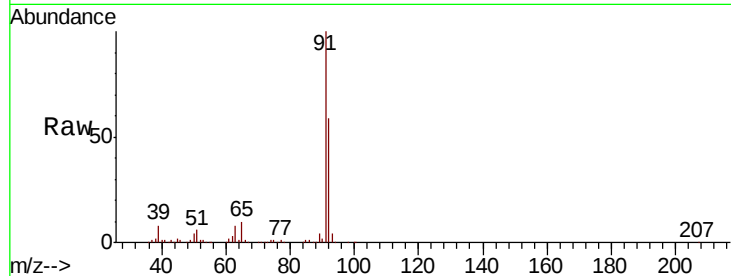
VSTD02506

Tot Ion: 91 Resp: 710799

Ion Ratio Lower Upper

91 100

92 59.1 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 27.862 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW017076.D

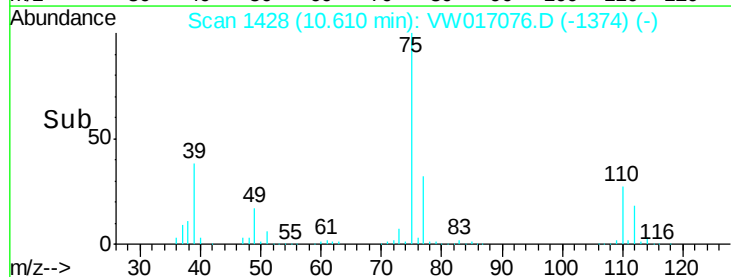
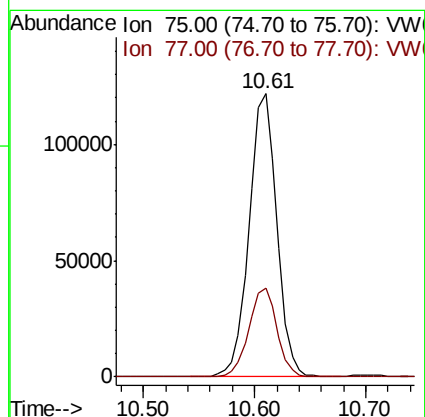
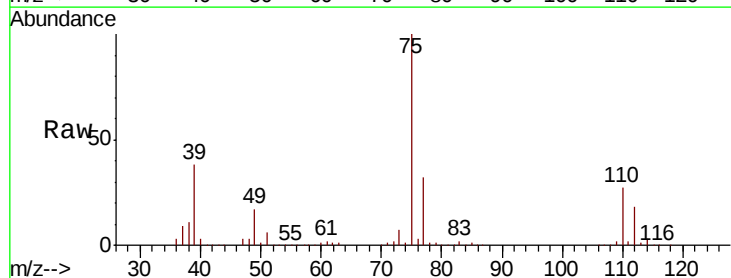
Acq: 04 Nov 2020 14:54

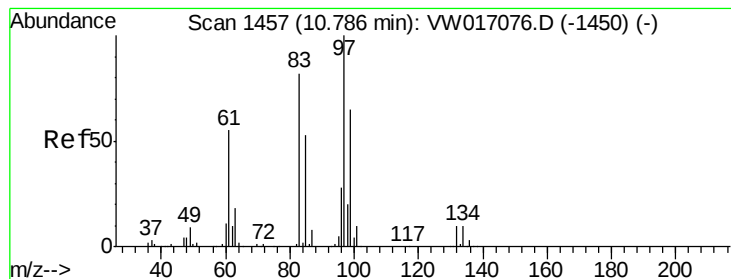
Tgt Ion: 75 Resp: 211354

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1

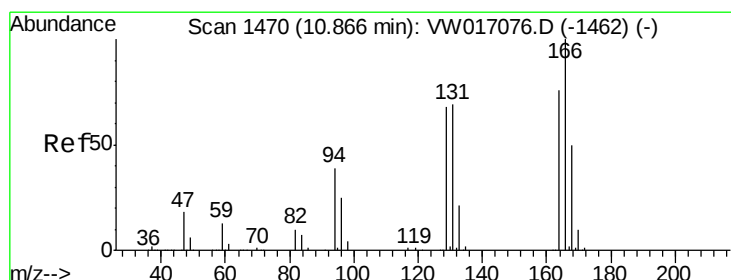
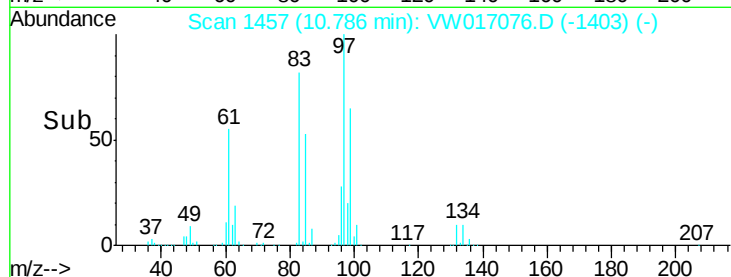
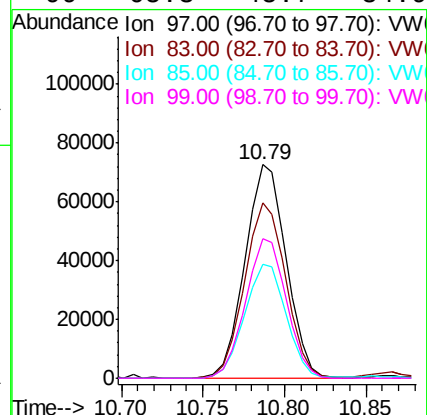
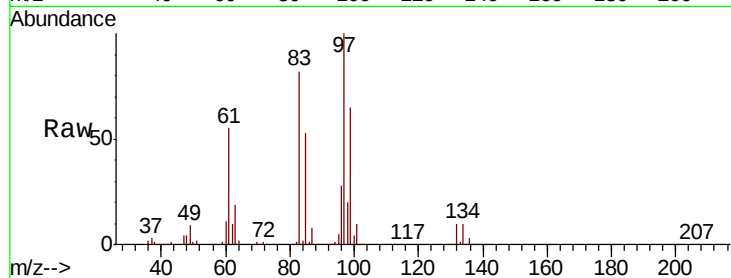




#46
 1,1,2-Trichloroethane
 Concen: 27.191 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

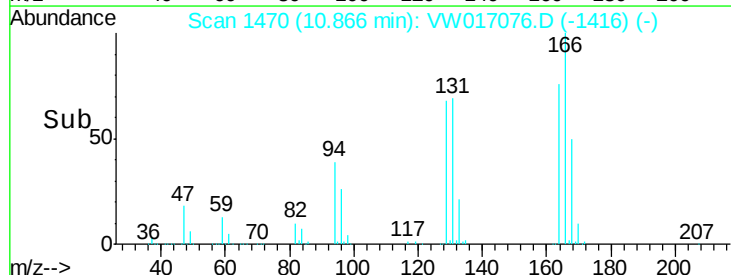
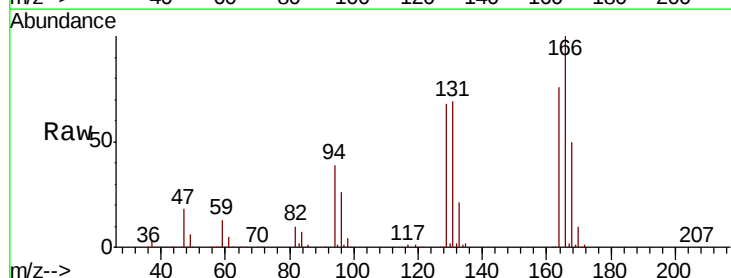
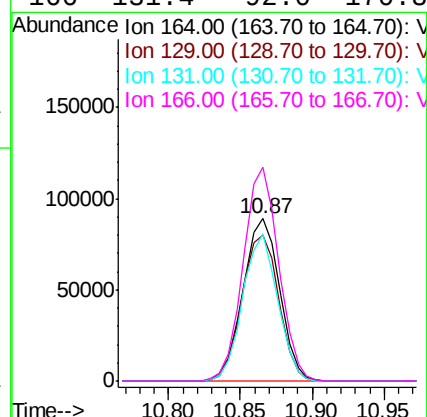
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02506

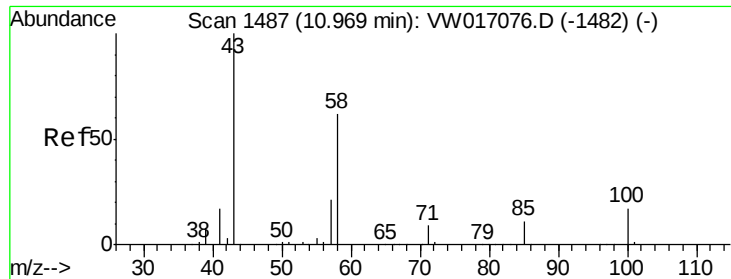
Tot Ion	Ratio	Lower	Upper
97	100		
83	81.9	57.3	106.5
85	53.1	37.2	69.0
99	65.3	45.7	84.9



#47
 Tetrachloroethene
 Concen: 24.208 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

Tgt Ion	Ratio	Lower	Upper
164	100		
129	89.8	62.9	116.7
131	90.4	63.3	117.5
166	131.4	92.0	170.8





#49

2-Hexanone

Concen: 61.559 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02506

Tot Ion: 43 Resp: 113559

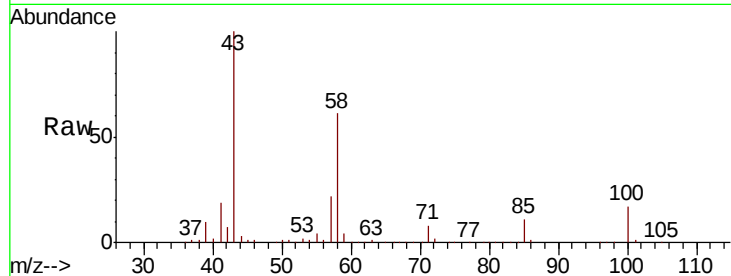
Ion Ratio Lower Upper

43 100

58 63.2 50.6 75.8

57 22.2 17.8 26.6

100 17.4 13.9 20.9

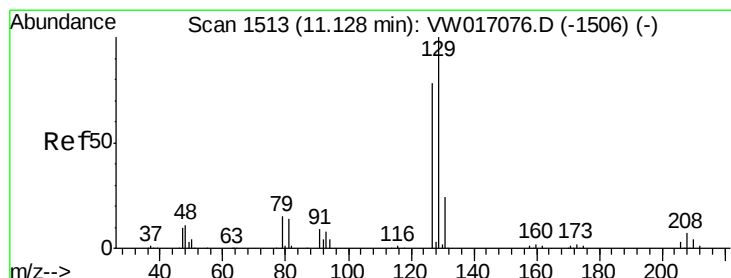
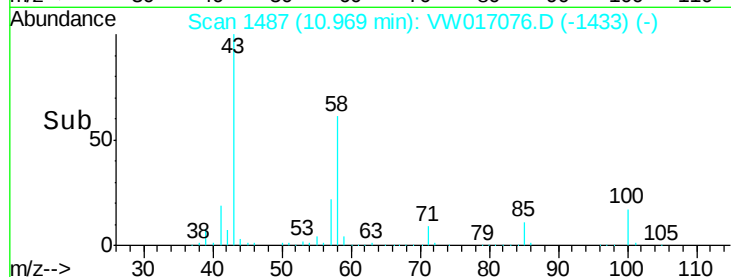
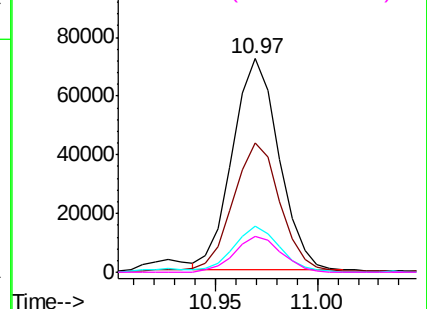


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 27.577 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW017076.D

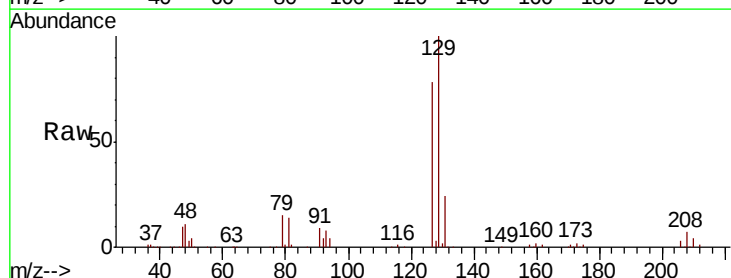
Acq: 04 Nov 2020 14:54

Tgt Ion: 129 Resp: 157858

Ion Ratio Lower Upper

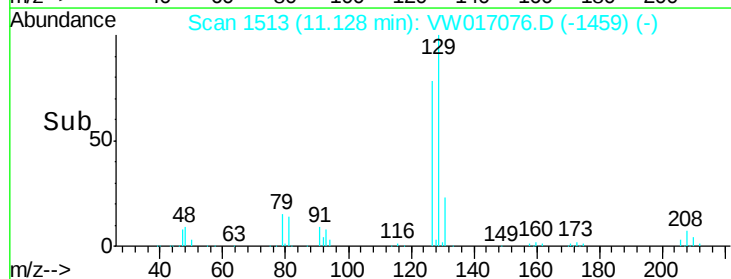
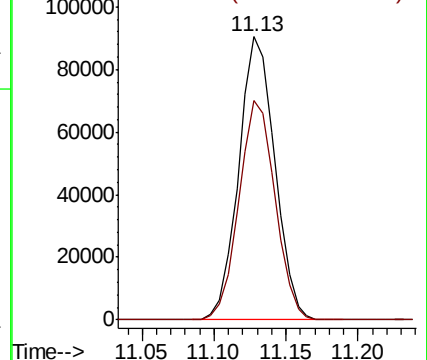
129 100

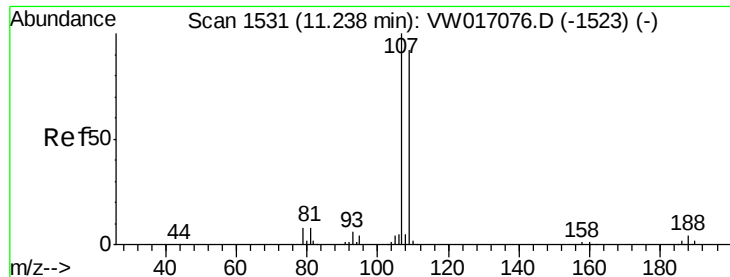
127 77.6 54.3 100.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

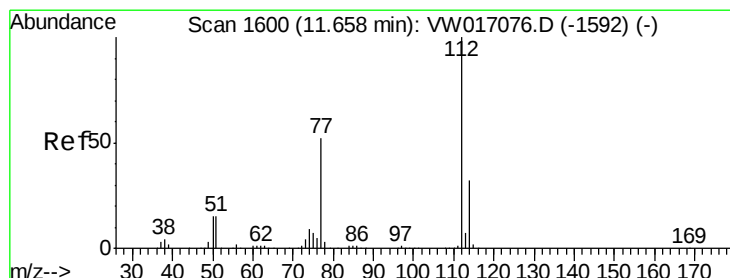
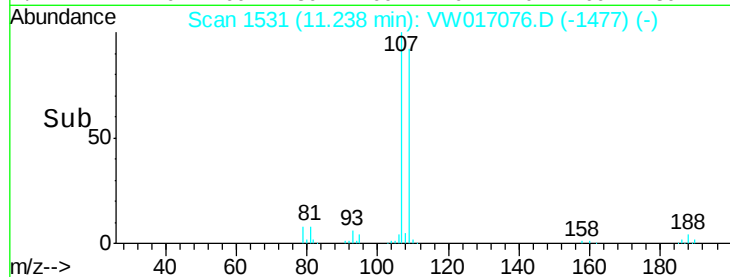
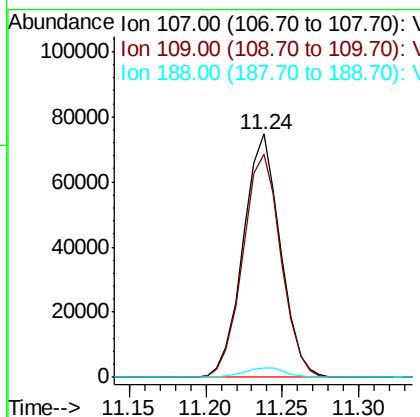
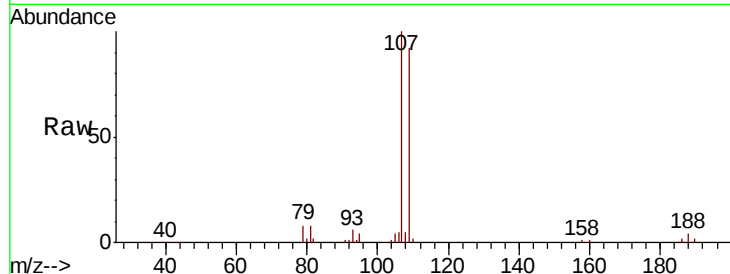




#51
 1,2-Dibromoethane
 Concen: 27.870 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

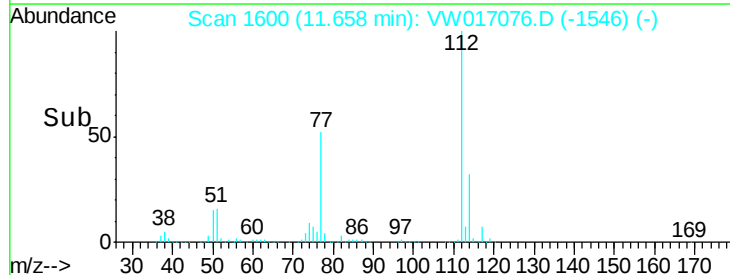
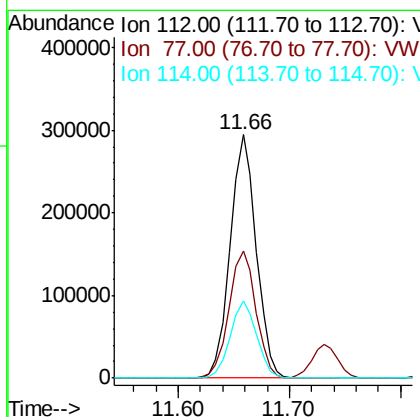
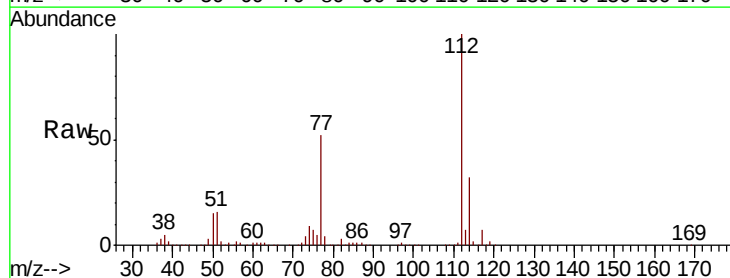
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

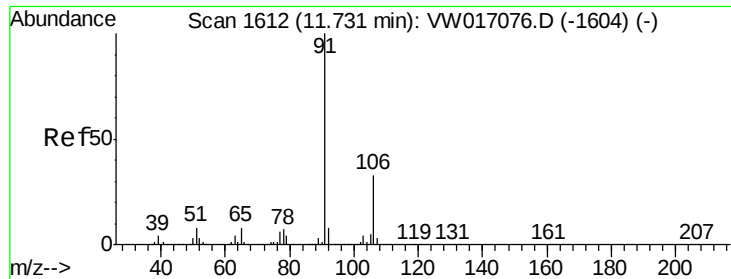
Tot Ion	Ratio	Lower	Upper
107	100		
109	91.9	64.3	119.5
188	4.1	3.3	4.9



#52
 Chlorobenzene
 Concen: 25.495 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
77	52.1	41.7	62.5
114	31.8	22.3	41.3

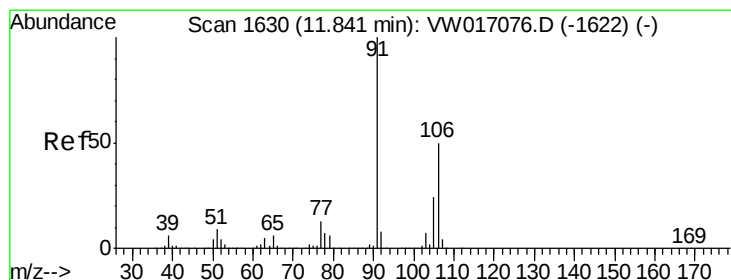
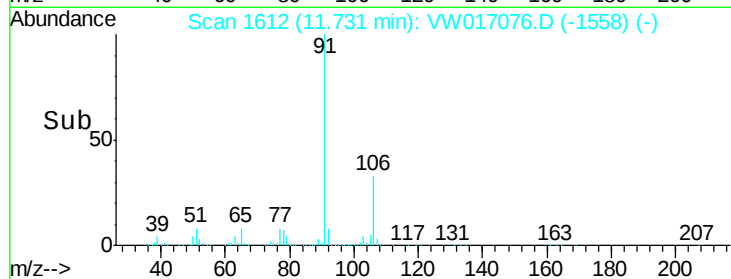
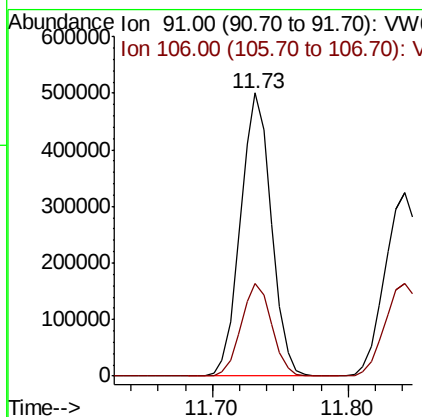
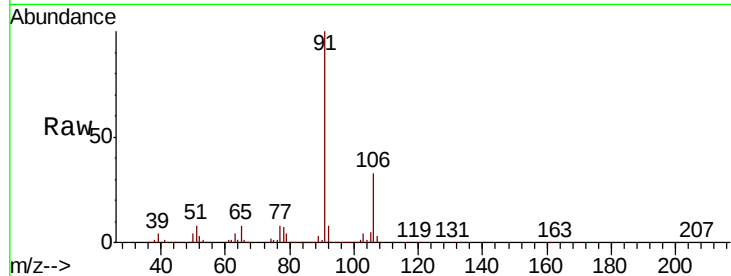




#53
Ethylbenzene
Concen: 25.516 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

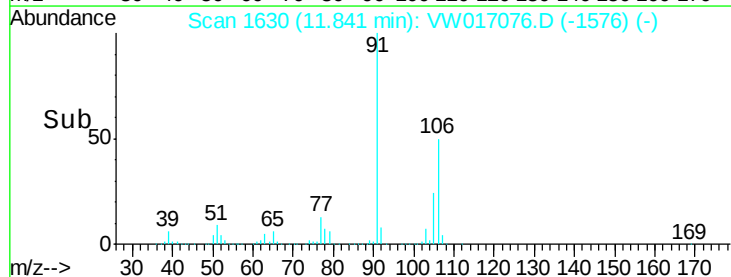
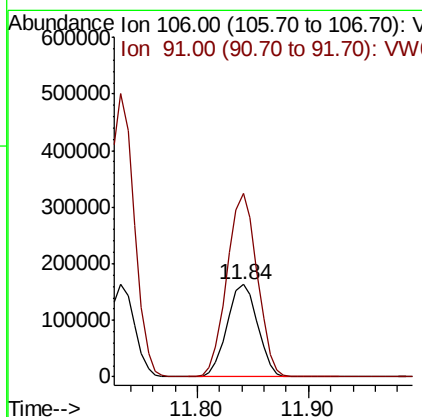
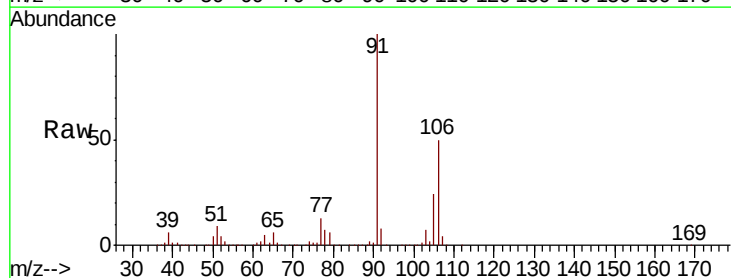
Instrument :
MSVOA_W
ClientSampled :
VSTD02506

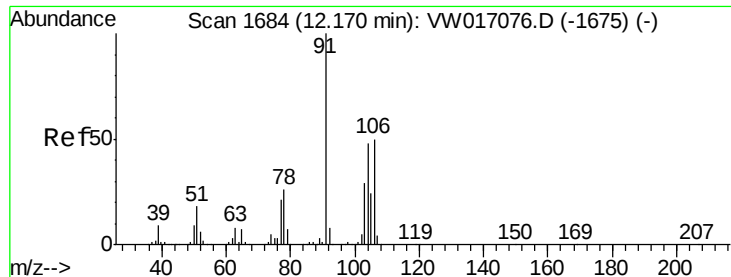
Tot Ion: 91 Resp: 792313
Ion Ratio Lower Upper
91 100
106 32.7 22.9 42.5



#54
m,p-Xylene
Concen: 25.610 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017076.D
Acq: 04 Nov 2020 14:54

Tgt Ion: 106 Resp: 312597
Ion Ratio Lower Upper
106 100
91 198.1 138.7 257.5





#55

o-xylene

Concen: 26.267 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampled :

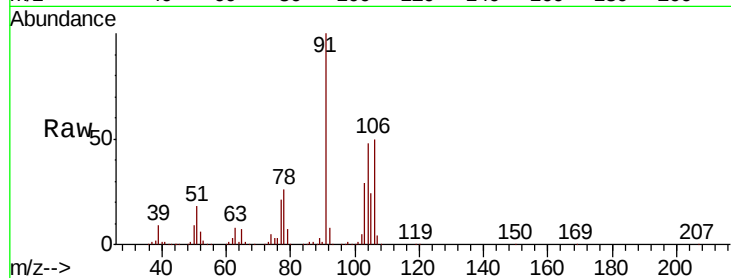
VSTD02506

Tot Ion:106 Resp: 300754

Ion Ratio Lower Upper

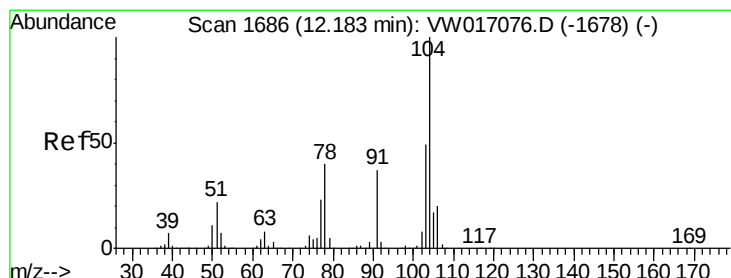
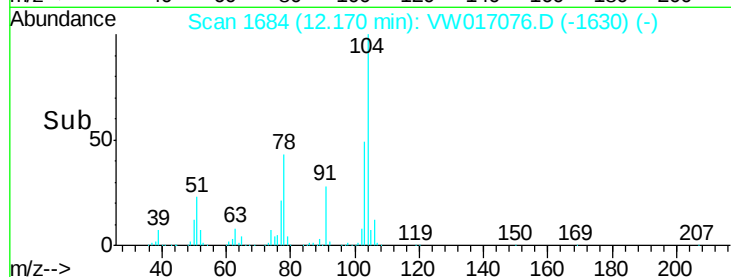
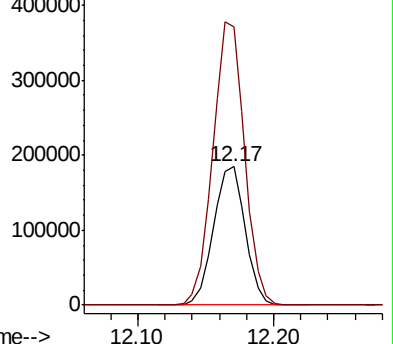
106 100

91 201.1 140.8 261.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 26.714 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW017076.D

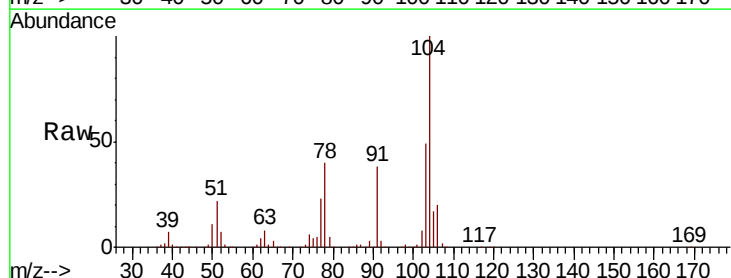
Acq: 04 Nov 2020 14:54

Tgt Ion:104 Resp: 510918

Ion Ratio Lower Upper

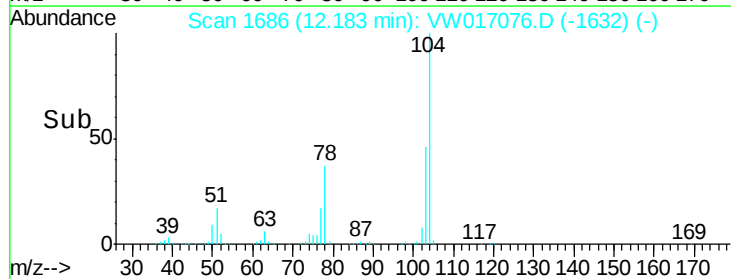
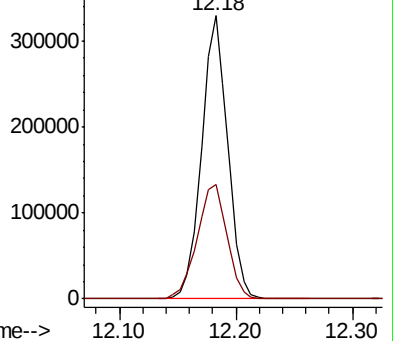
104 100

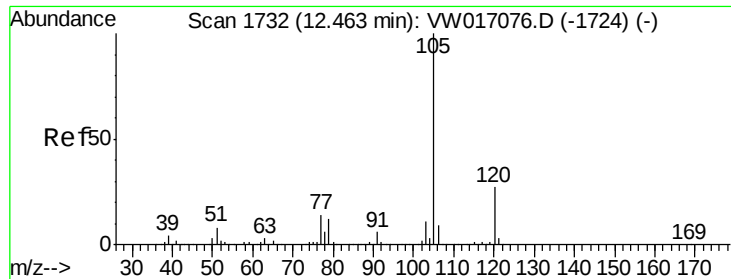
78 40.3 28.2 52.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 26.114 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02506

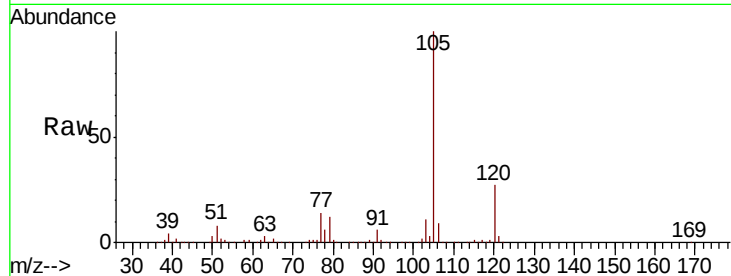
Tot Ion:105 Resp: 819002

Ion Ratio Lower Upper

105 100

120 27.2 21.8 32.6

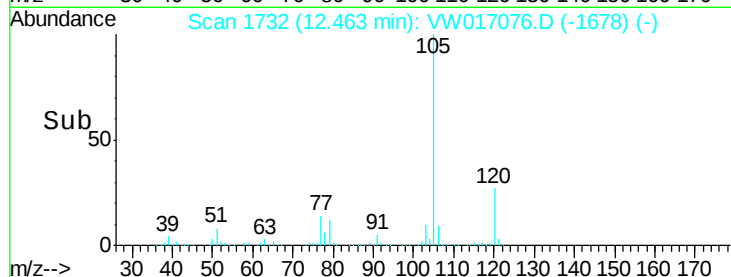
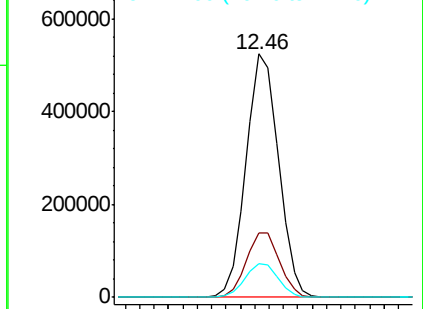
77 14.2 11.4 17.0



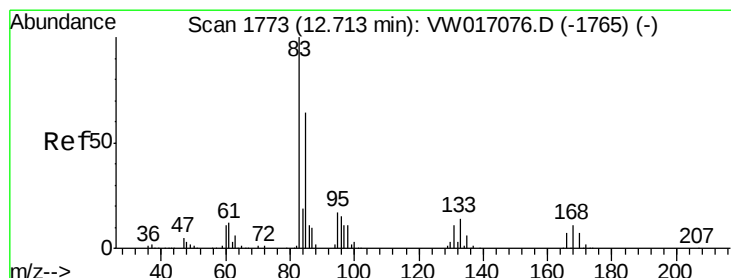
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



Time-->



#58

1,1,2,2-Tetrachloroethane

Concen: 29.352 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

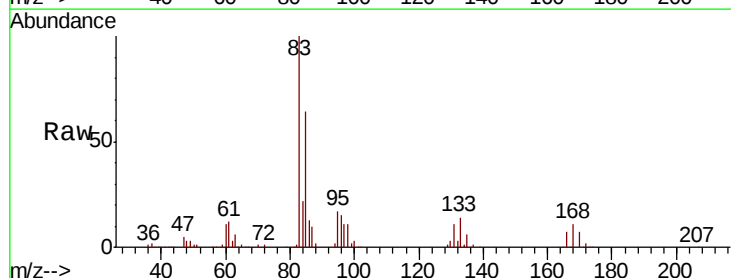
Tgt Ion: 83 Resp: 151973

Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

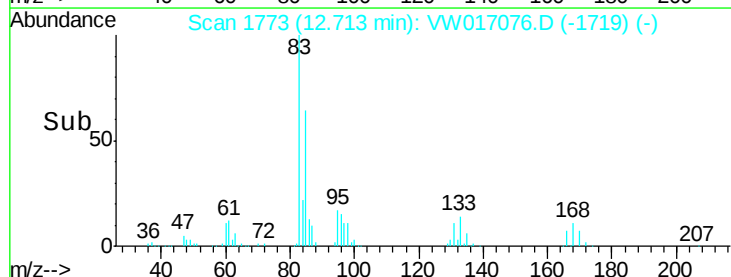
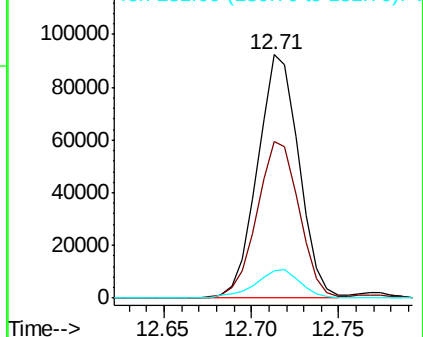
131 11.0 8.8 13.2



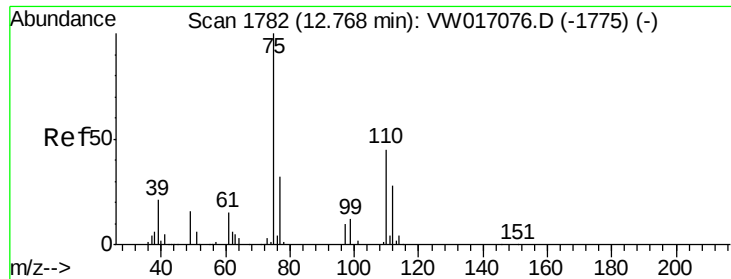
Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V



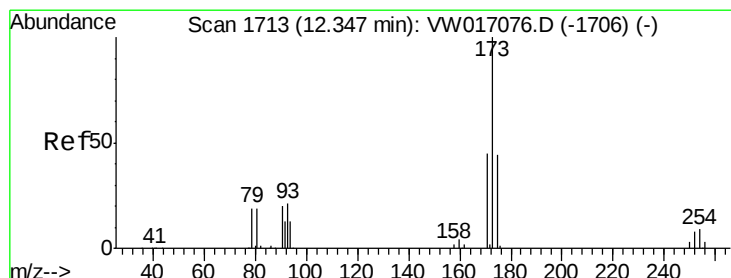
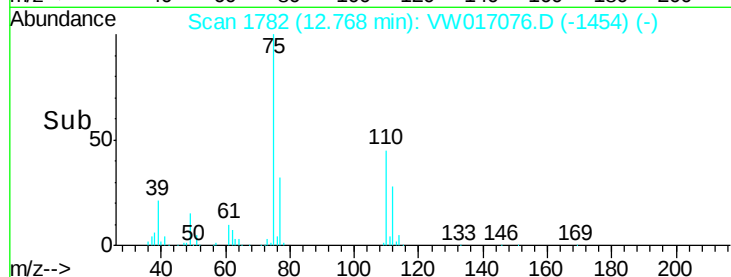
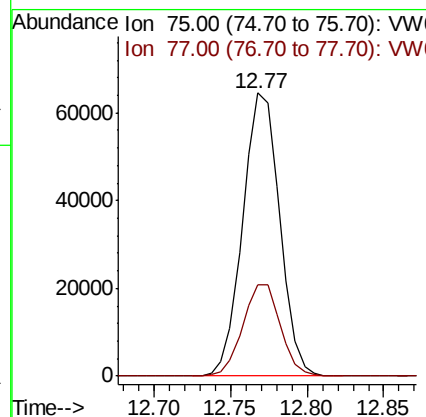
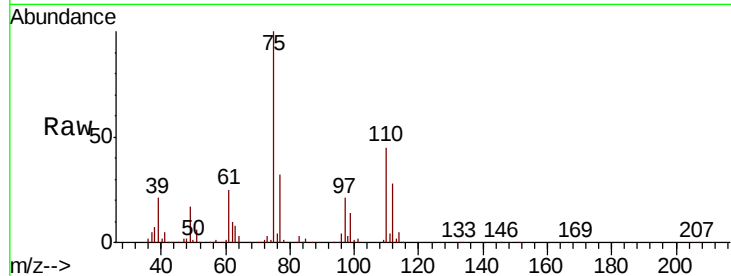
Time-->



#59
 1,2,3-Trichloropropane
 Concen: 29.219 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

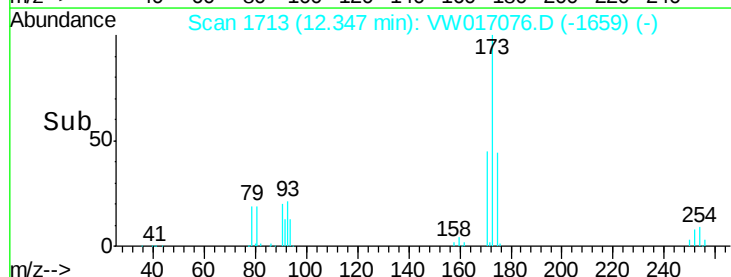
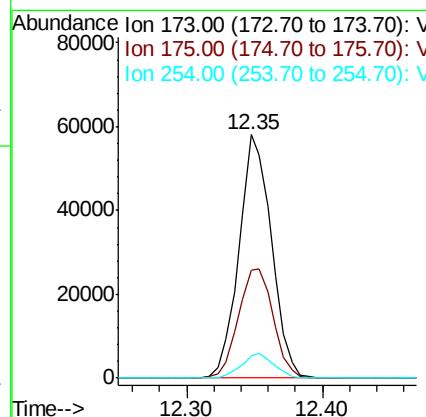
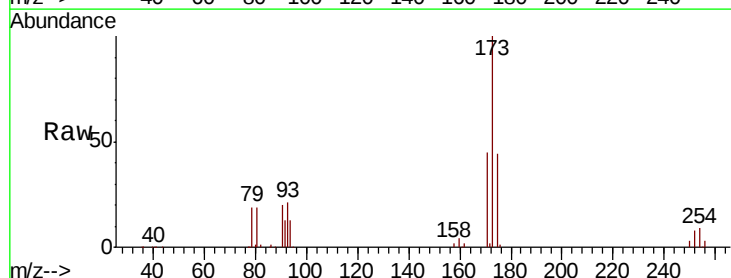
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

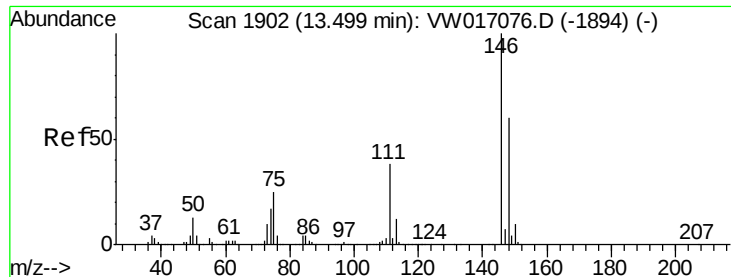
Tot Ion: 75 Resp: 108356
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.4 39.6



#62
 Bromoform
 Concen: 28.417 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

Tgt Ion: 173 Resp: 96674
 Ion Ratio Lower Upper
 173 100
 175 47.9 38.3 57.5
 254 10.1 8.1 12.1

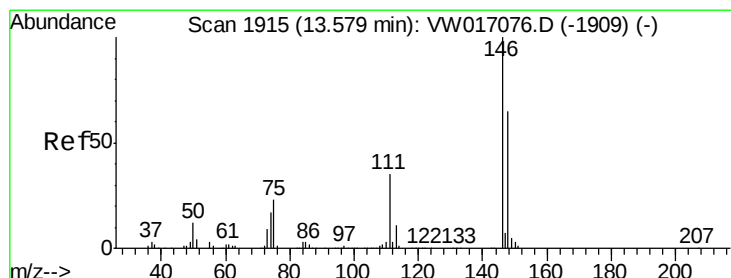
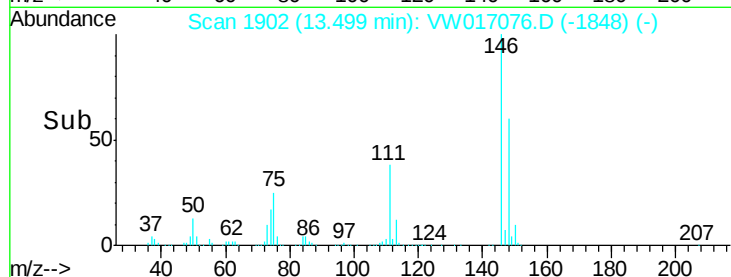
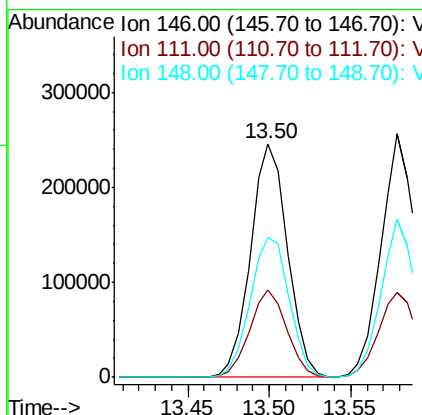
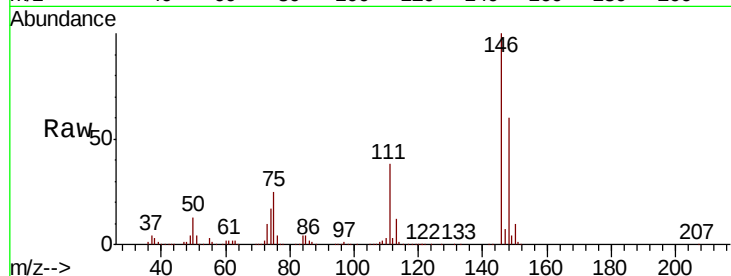




#63
 1,3-Dichlorobenzene
 Concen: 25.740 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

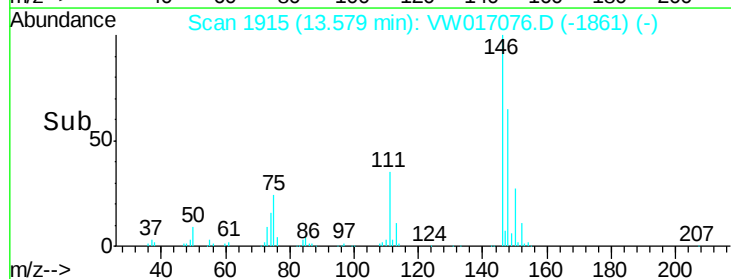
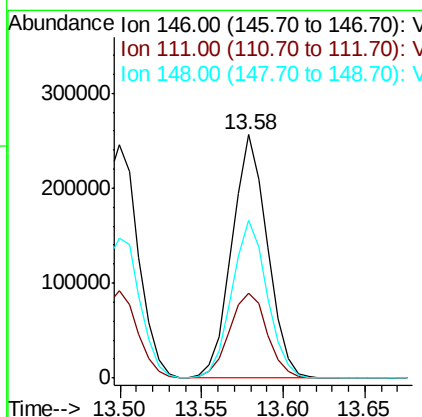
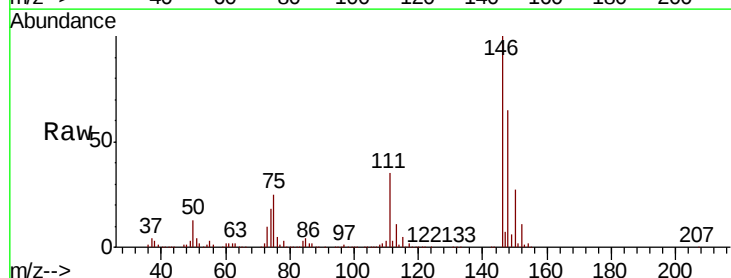
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

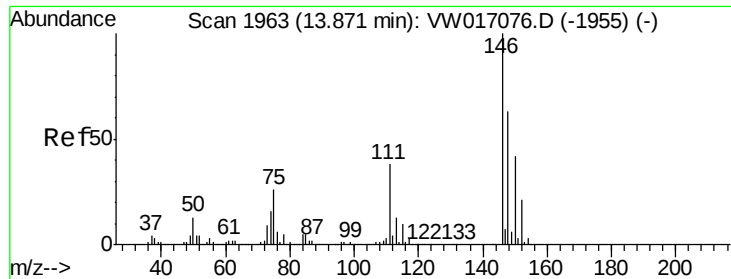
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	26.4	49.0
148	60.1	42.1	78.1



#64
 1,4-Dichlorobenzene
 Concen: 25.731 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.0	24.5	45.5
148	65.0	45.5	84.5

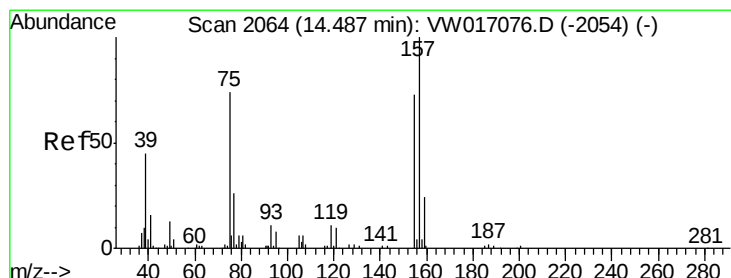
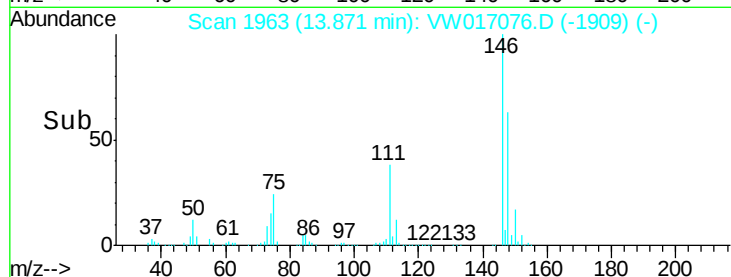
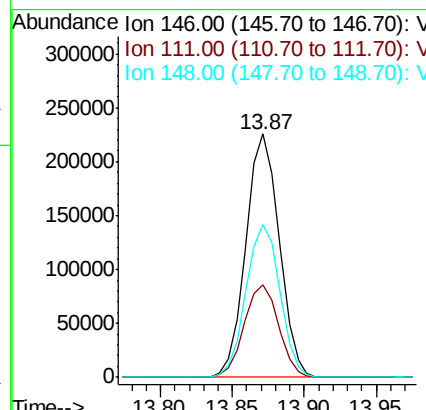
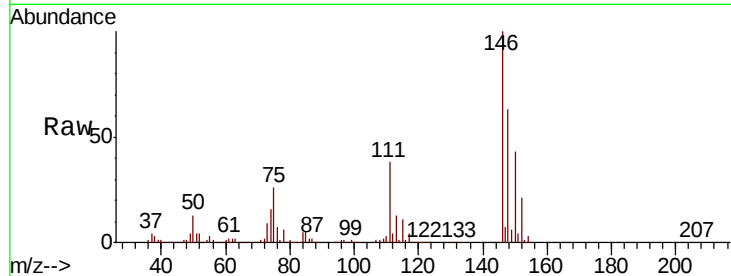




#65
 1,2-Dichlorobenzene
 Concen: 26.888 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

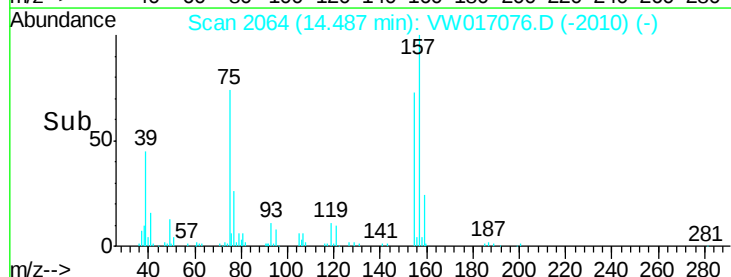
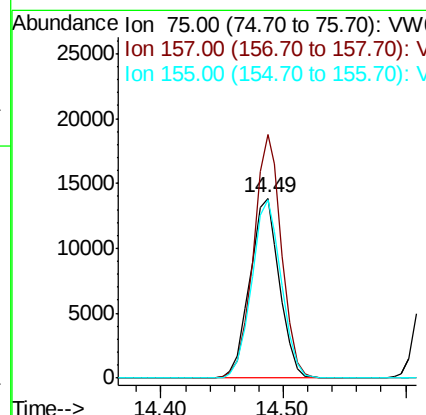
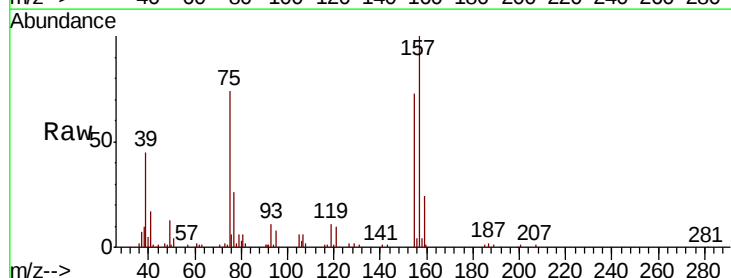
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

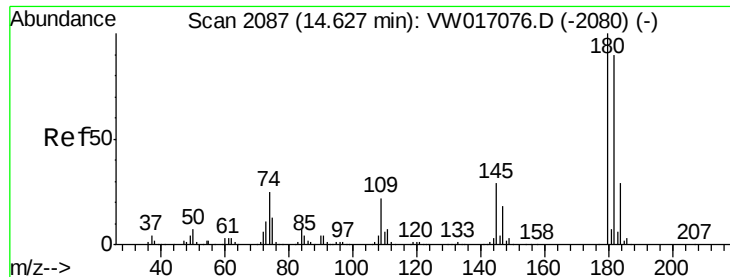
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	30.5	45.7
148	62.9	50.3	75.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 30.137 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

Tgt Ion	Ratio	Lower	Upper
75	100		
157	135.3	108.2	162.4
155	98.9	79.1	118.7

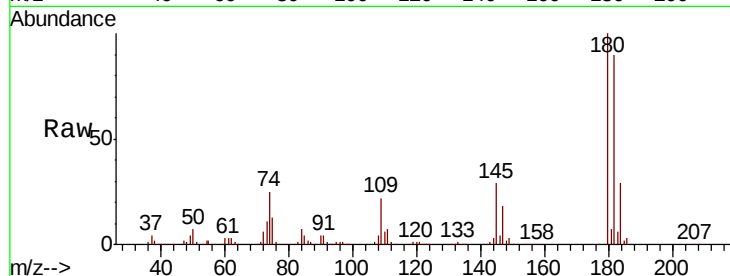




#67
 1,3,5-Trichlorobenzene
 Concen: 26.208 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.2	115.8
184	30.3	24.2	36.4
145	29.4	23.5	35.3



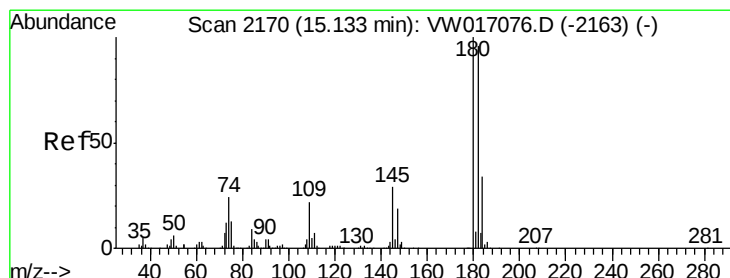
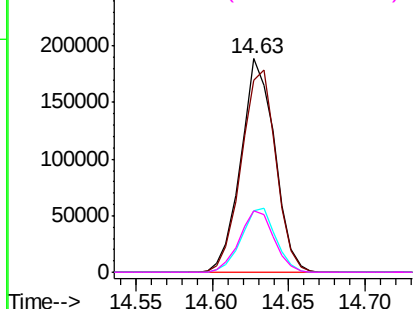
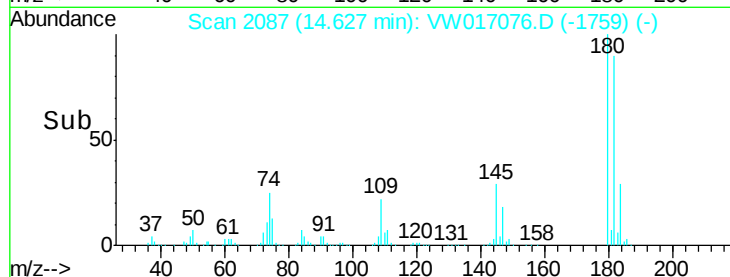
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

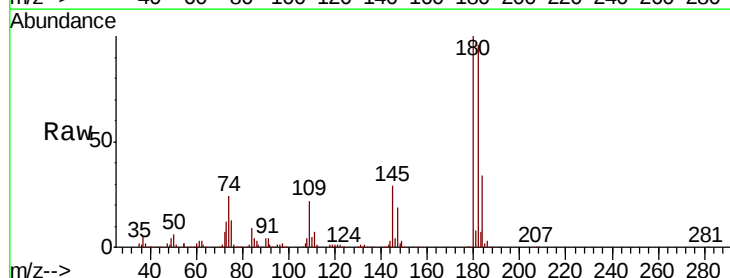
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 27.627 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017076.D
 Acq: 04 Nov 2020 14:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	29.5	23.6	35.4

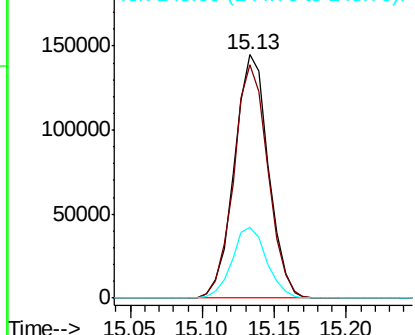
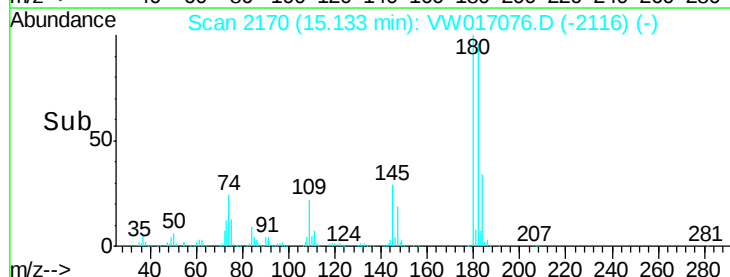


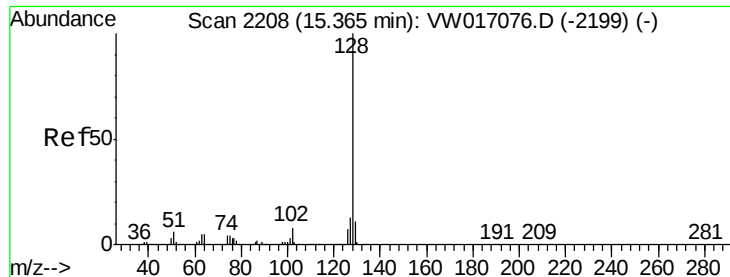
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 31.240 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02506

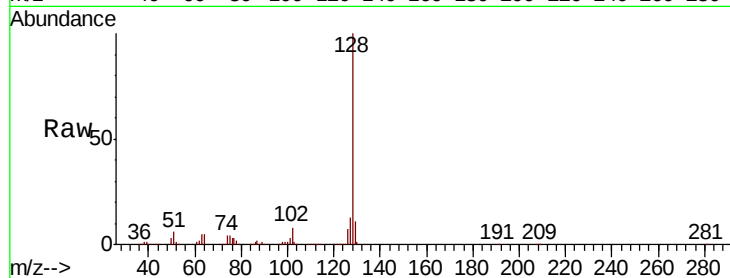
Tot Ion:128 Resp: 457756

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

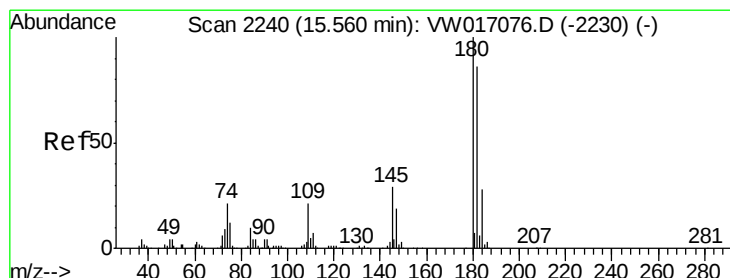
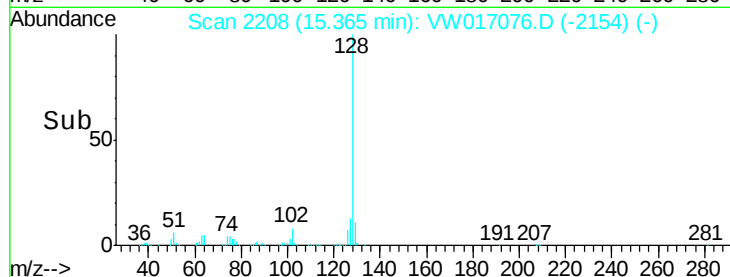
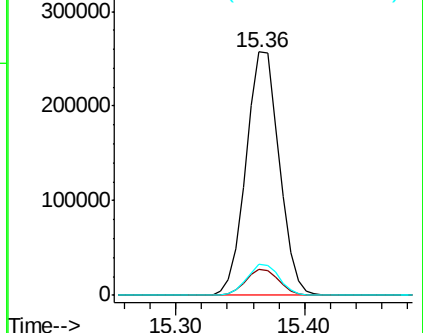
127 12.7 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 28.292 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW017076.D

Acq: 04 Nov 2020 14:54

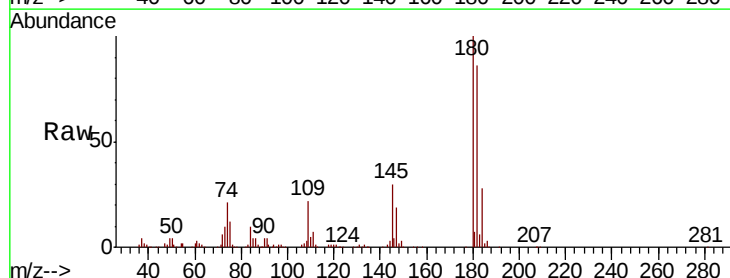
Tgt Ion:180 Resp: 216208

Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

145 30.6 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

