

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017327.D
 Acq On : 18 Nov 2020 14:34
 Operator : SY/VA
 Sample : VSTD00506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

Quant Time: Nov 18 15:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 14:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413519	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	381681	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34698	5.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	26107	5.38	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	56901	5.34	ug/L	0.00
20) 2-Butanone-d5	7.09	46	11075	11.40	ug/L	0.00
24) Chloroform-d	7.65	84	58125	5.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	29250	5.74	ug/L	0.00
29) Benzene-d6	8.28	84	113462	5.32	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	30649	5.44	ug/L	0.00
37) Toluene-d8	10.32	98	103259	5.14	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	12797	5.24	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	8288	11.42	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	24276	5.81	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	37155	5.44	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	18892	4.920 ug/L	96
3) Chloromethane	2.21	50	20861	4.944 ug/L	95
5) Vinyl chloride	2.37	62	31217	5.059 ug/L	98
6) Bromomethane	2.78	94	23182	5.008 ug/L	97
8) Chloroethane	2.93	64	19544	5.093 ug/L	98
9) Trichlorofluoromethane	3.26	101	25873	4.694 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	29047	5.105 ug/L	95
12) 1,1-Dichloroethene	4.04	96	27392	5.067 ug/L	93
13) Acetone	4.14	43	8763	12.451 ug/L	75
14) Carbon disulfide	4.39	76	79505	4.985 ug/L	99
15) Methyl Acetate	4.67	43	9154	5.989 ug/L	94
16) Methylene chloride	4.92	84	41284	5.536 ug/L	93
17) Methyl tert-butyl Ether	5.43	73	34541	5.514 ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	29526	5.107 ug/L	92
19) 1,1-Dichloroethane	6.22	63	45715	5.159 ug/L	95
21) 2-Butanone	7.18	43	13457	12.477 ug/L	82
22) cis-1,2-Dichloroethene	7.17	96	30221	5.155 ug/L	97
23) Bromochloromethane	7.52	128	14893	5.480 ug/L	98
25) Chloroform	7.68	83	51978	5.264 ug/L	100
27) 1,2-Dichloroethane	8.40	62	31269	5.529 ug/L	# 93
30) Cyclohexane	7.96	56	36603	4.785 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	45064	5.061 ug/L	99
32) Carbon tetrachloride	8.07	117	42249	4.952 ug/L	98
34) Benzene	8.33	78	111793	5.222 ug/L	100
35) Trichloroethene	9.10	95	30827	5.039 ug/L	99
36) Methylcyclohexane	9.34	83	47429	4.841 ug/L	97
40) 1,2-Dichloropropane	9.37	63	25740	5.353 ug/L	98
41) Bromodichloromethane	9.65	83	34456	5.073 ug/L	92
42) cis-1,3-Dichloropropene	10.07	75	37858	5.092 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	27593	12.183 ug/L	99

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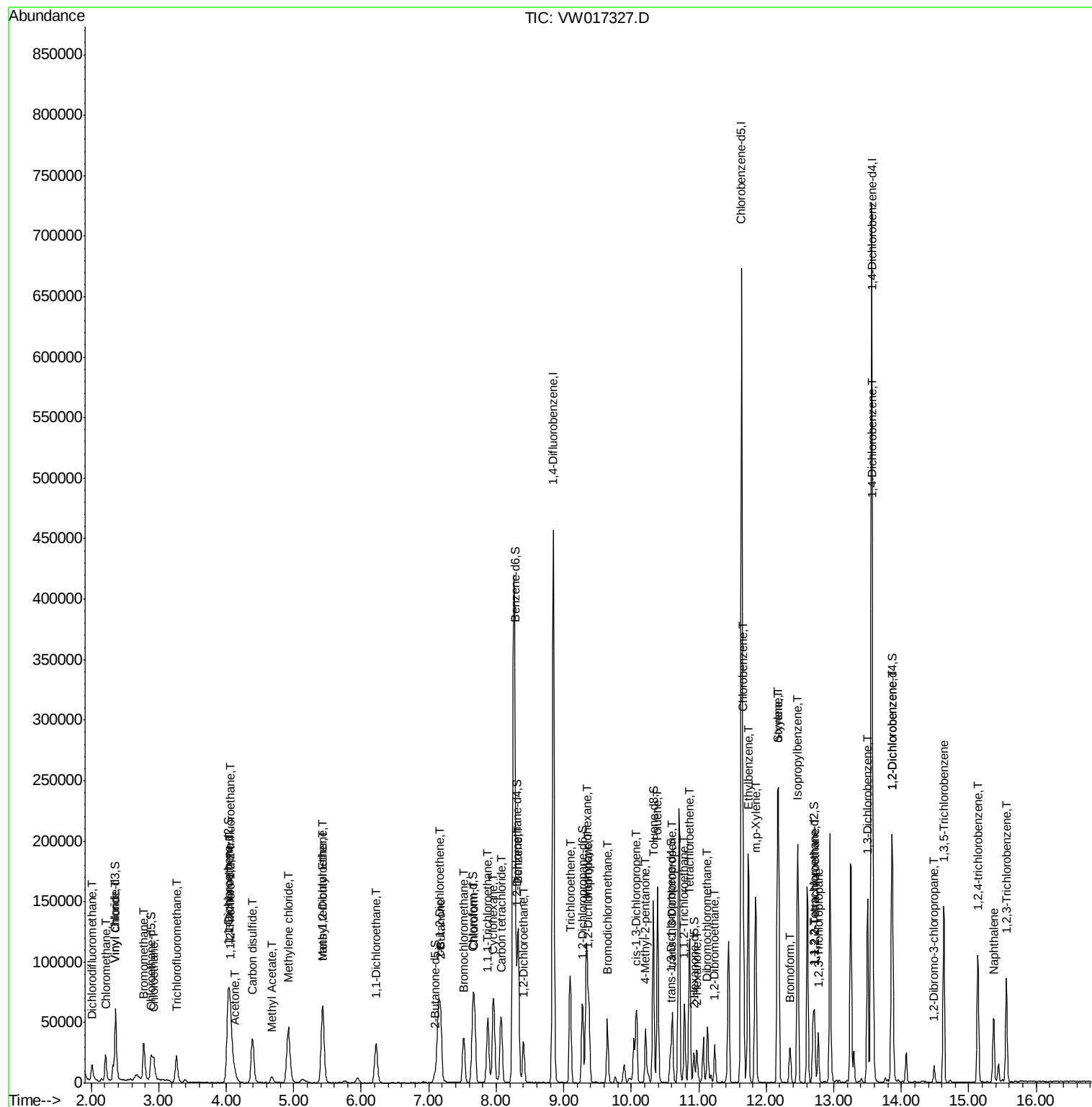
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	120864	5.075	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	32085	5.117	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	20529	5.452	ug/L	97
47) Tetrachloroethene	10.87	164	28850	5.272	ug/L	88
49) 2-Hexanone	10.98	43	16049	11.493	ug/L	95
50) Dibromochloromethane	11.13	129	25488	5.319	ug/L	96
51) 1,2-Dibromoethane	11.24	107	20314	5.558	ug/L #	97
52) Chlorobenzene	11.66	112	82159	5.182	ug/L	98
53) Ethylbenzene	11.73	91	133499	4.992	ug/L	96
54) m,p-Xylene	11.84	106	50533	4.886	ug/L	89
55) o-xylene	12.17	106	47239	4.834	ug/L	89
56) Styrene	12.18	104	79075	4.908	ug/L	100
57) Isopropylbenzene	12.46	105	129794	4.828	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	22885	5.672	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	17339	6.037	ug/L	100
62) Bromoform	12.35	173	14391	5.657	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	64650	5.339	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	64436	5.403	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	58853	5.630	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	3283	5.764	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	47339	5.399	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	33893	5.031	ug/L	96
69) Naphthalene	15.36	128	49260	5.263	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	31838	5.440	ug/L	95

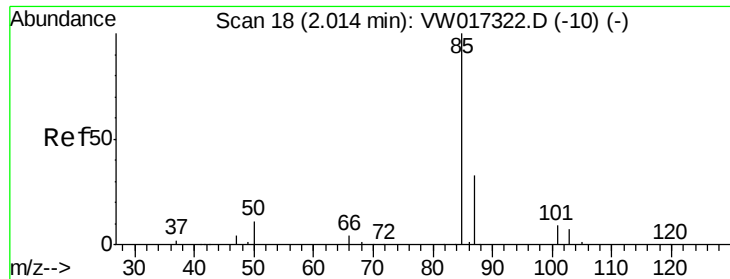
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.920 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

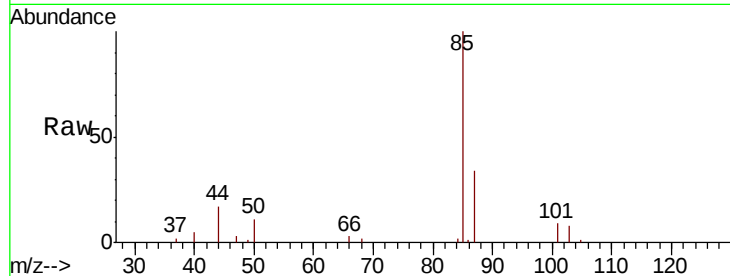
VSTD00506

Tot Ion: 85 Resp: 18892

Ion Ratio Lower Upper

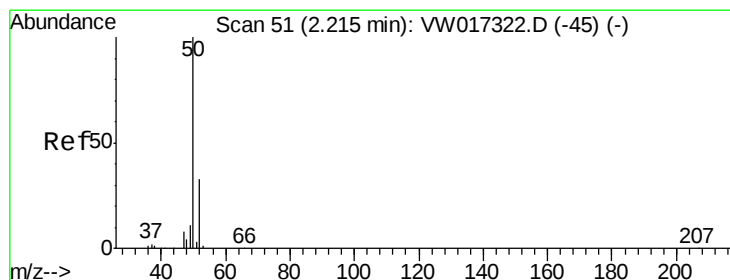
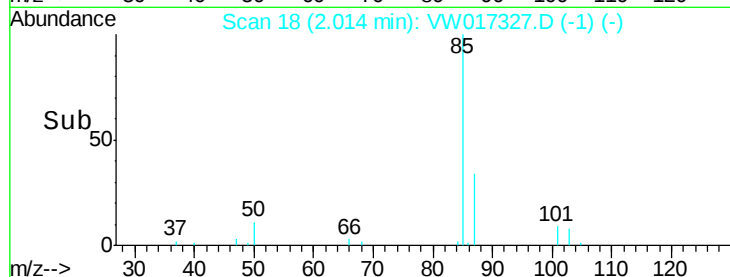
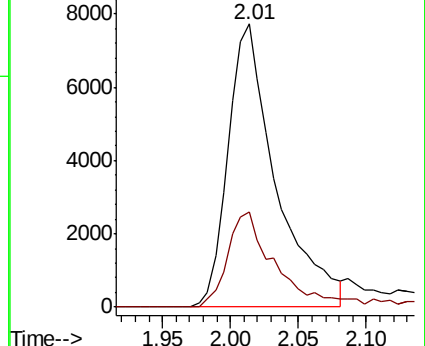
85 100

87 33.0 21.8 40.4



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 4.944 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW017327.D

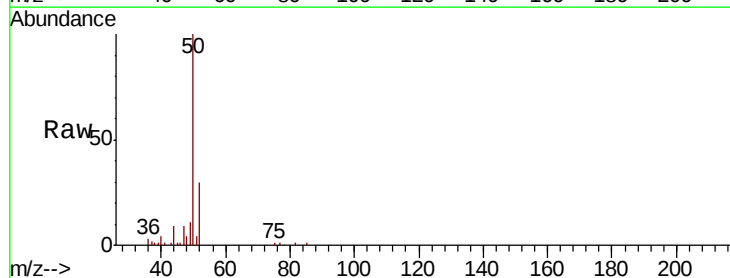
Acq: 18 Nov 2020 14:34

Tgt Ion: 50 Resp: 20861

Ion Ratio Lower Upper

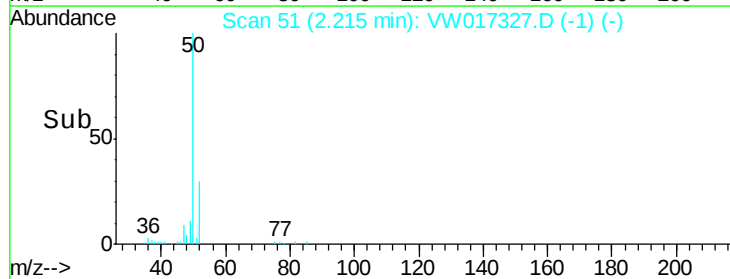
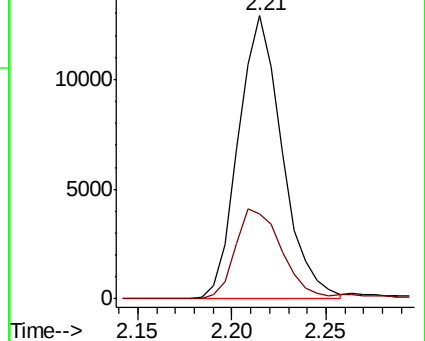
50 100

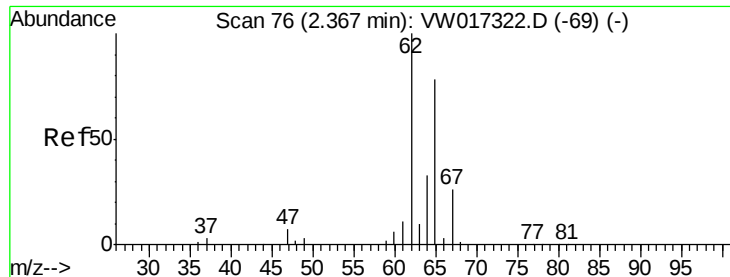
52 30.1 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 5.059 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

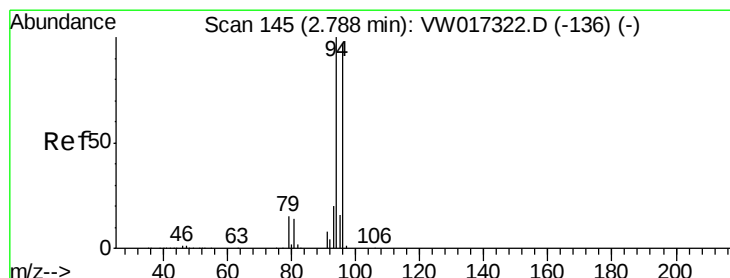
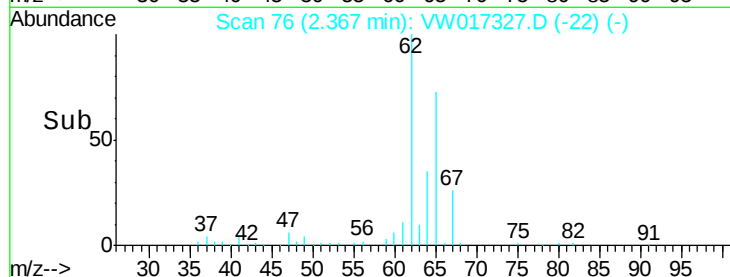
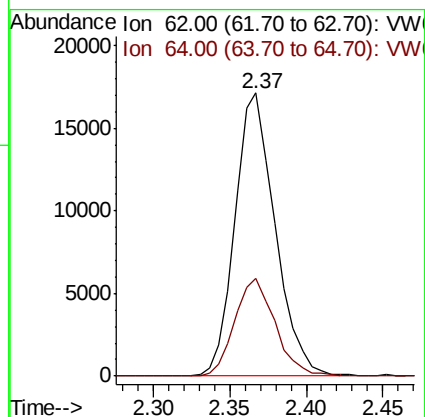
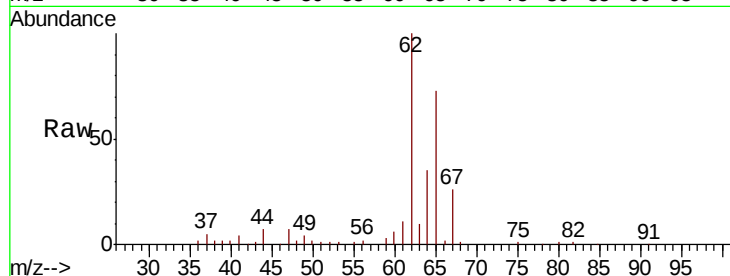
VSTD00506

Tot Ion: 62 Resp: 31217

Ion Ratio Lower Upper

62 100

64 34.6 23.4 43.4



#6

Bromomethane

Concen: 5.008 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW017327.D

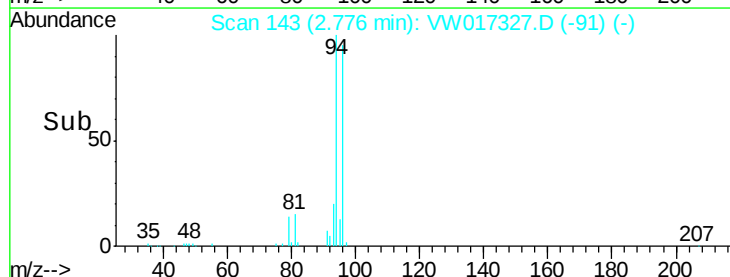
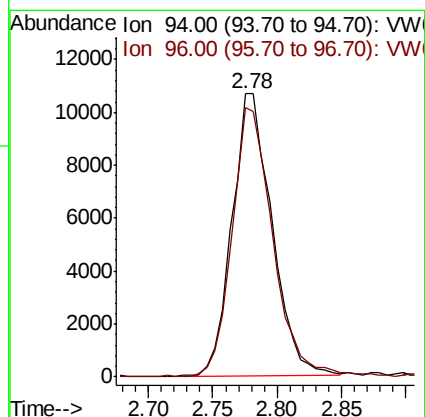
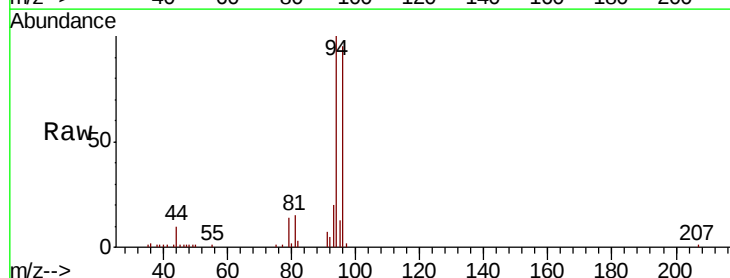
Acq: 18 Nov 2020 14:34

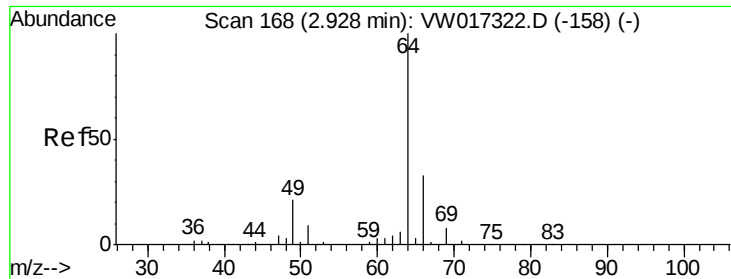
Tgt Ion: 94 Resp: 23182

Ion Ratio Lower Upper

94 100

96 96.8 9.4 178.6





#8

Chloroethane

Concen: 5.093 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

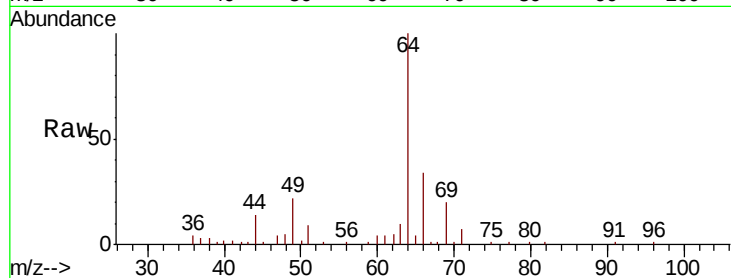
VSTD00506

Tot Ion: 64 Resp: 19544

Ion Ratio Lower Upper

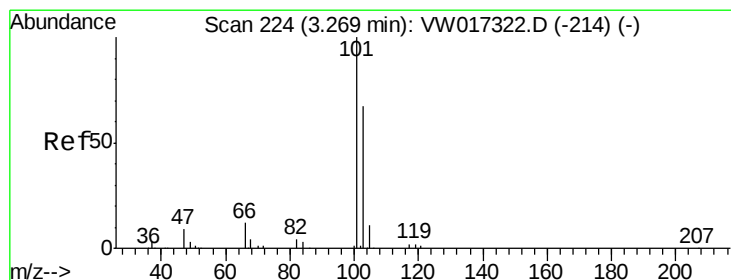
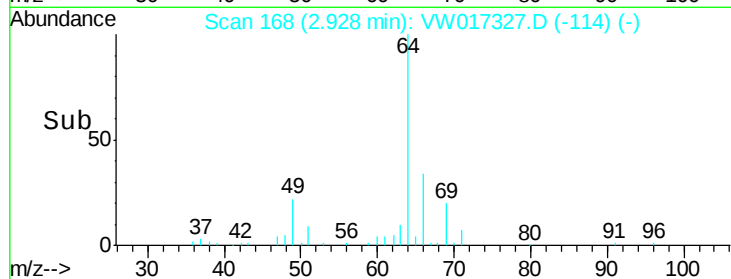
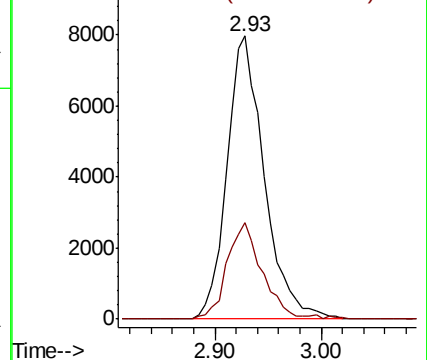
64 100

66 34.0 23.2 43.0



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 4.694 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.01 min

Lab File: VW017327.D

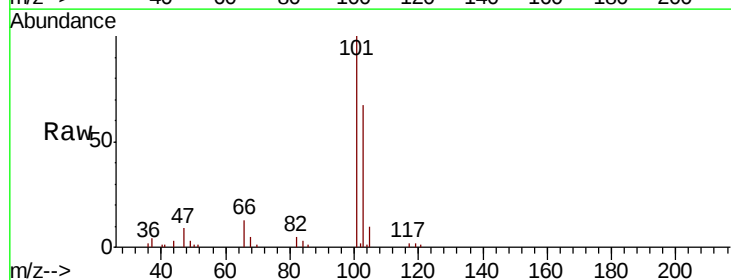
Acq: 18 Nov 2020 14:34

Tgt Ion: 101 Resp: 25873

Ion Ratio Lower Upper

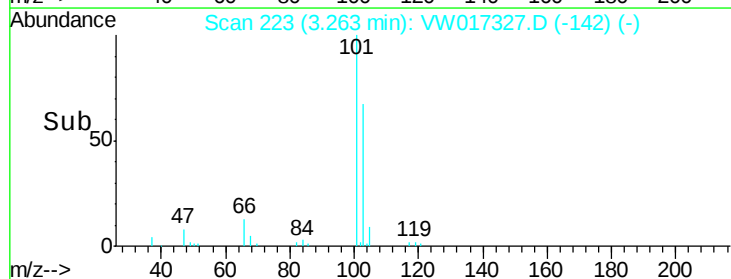
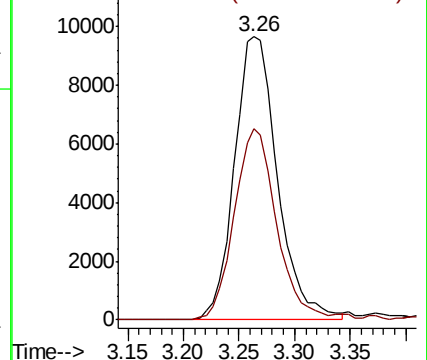
101 100

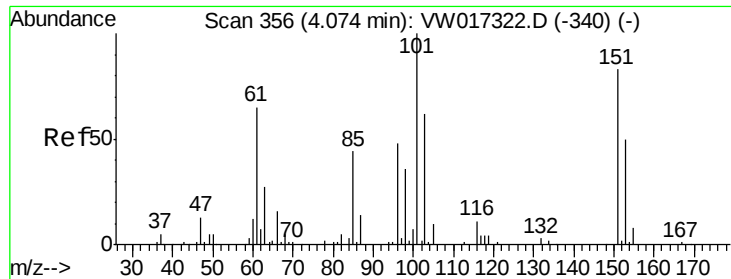
103 65.9 45.8 85.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#11

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

Concen: 5.105 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD00506

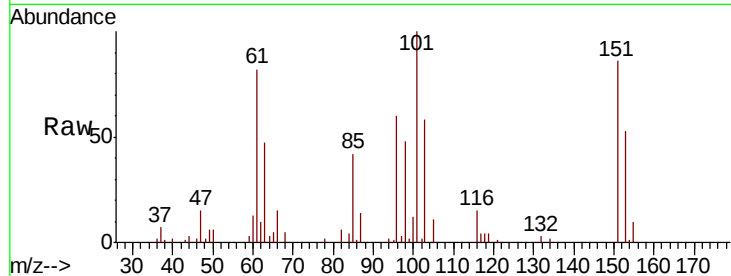
Tot Ion:101 Resp: 29047

Ion Ratio Lower Upper

101 100

85 40.2 34.6 51.8

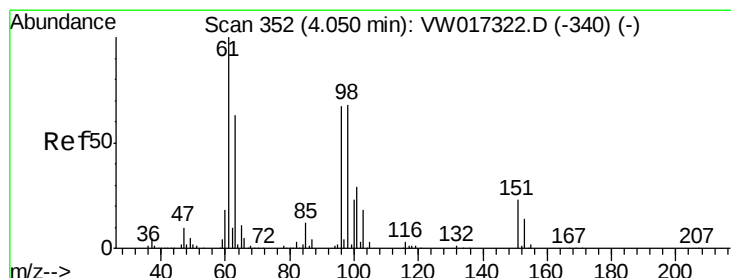
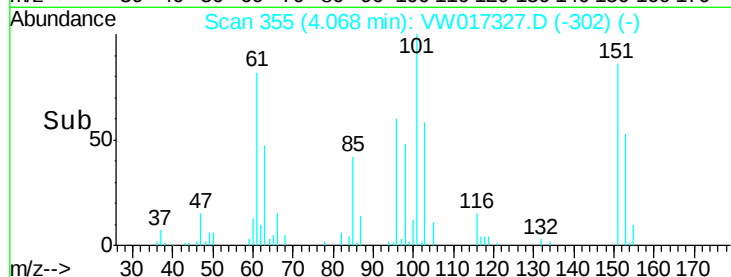
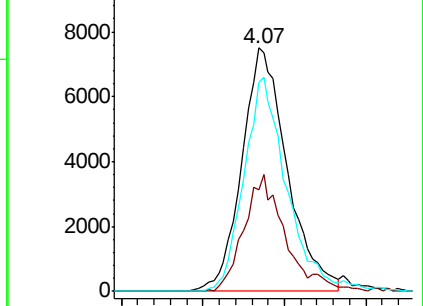
151 78.6 66.3 99.5



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: 5.067 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

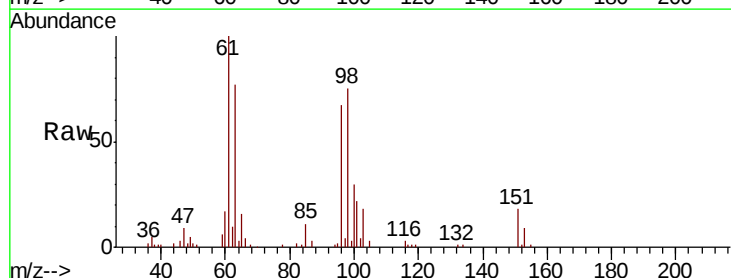
Tgt Ion: 96 Resp: 27392

Ion Ratio Lower Upper

96 100

61 148.4 104.7 194.4

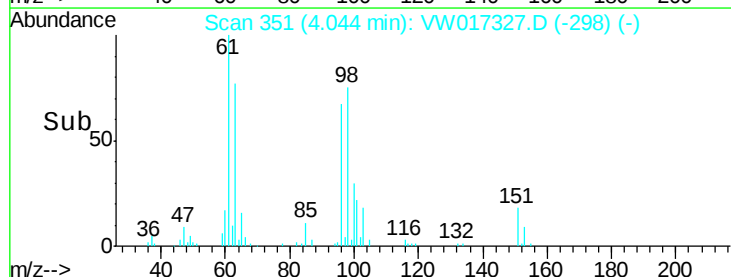
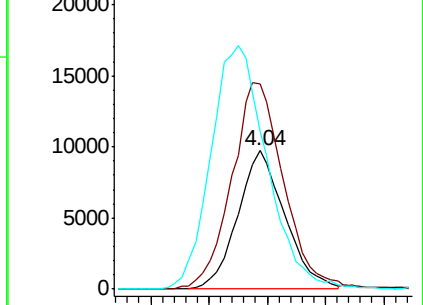
63 114.5 69.6 129.2

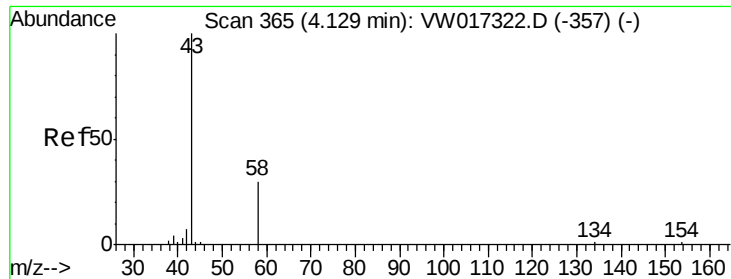


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

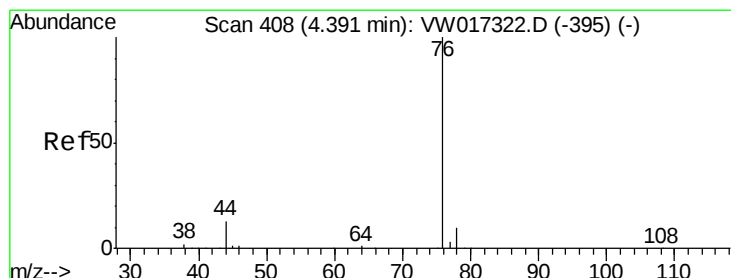
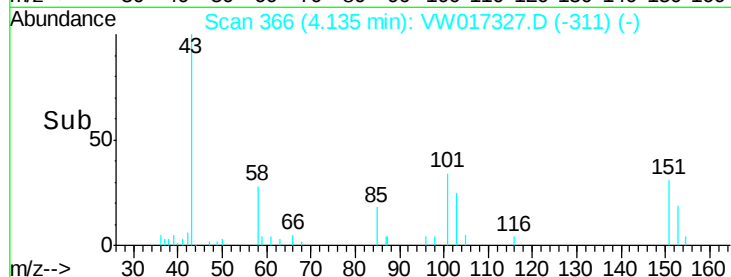
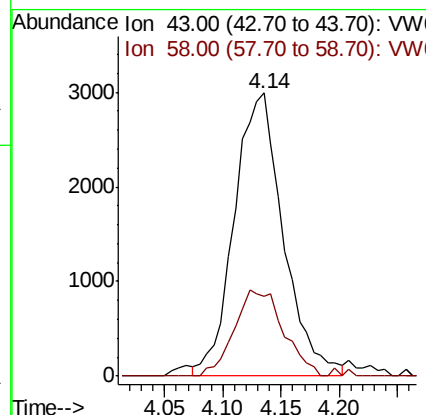
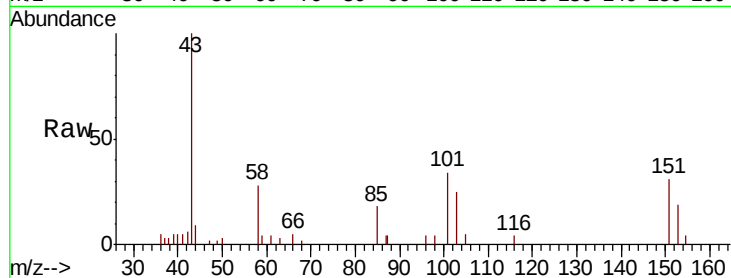




#13
Acetone
Concen: 12.451 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

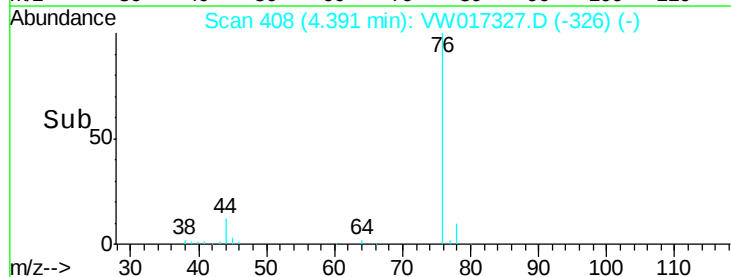
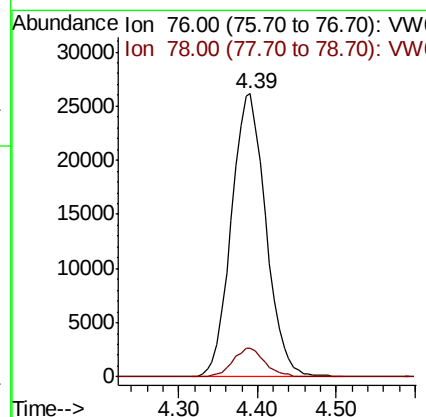
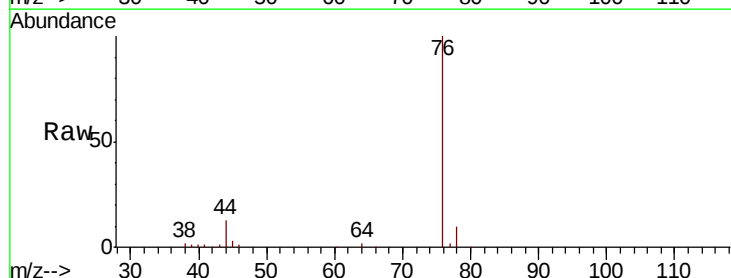
Instrument :
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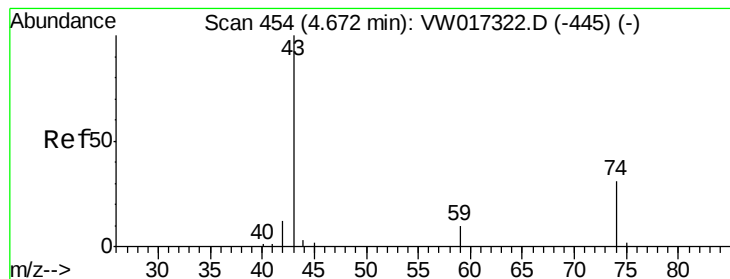
Tot Ion: 43 Resp: 8763
Ion Ratio Lower Upper
43 100
58 19.2 0.0 67.0



#14
Carbon disulfide
Concen: 4.985 ug/L
RT: 4.39 min Scan# 408
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

Tgt Ion: 76 Resp: 79505
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.6





#15

Methyl Acetate

Concen: 5.989 ug/L

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

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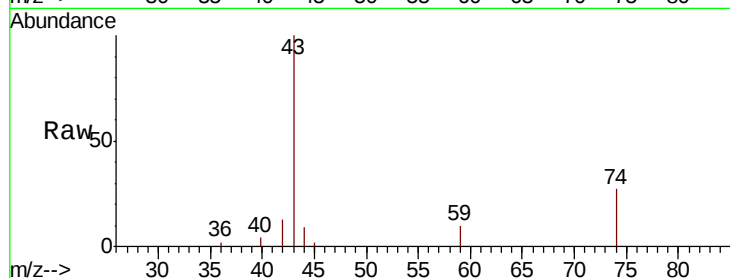
VSTD00506

Tot Ion: 43 Resp: 9154

Ion Ratio Lower Upper

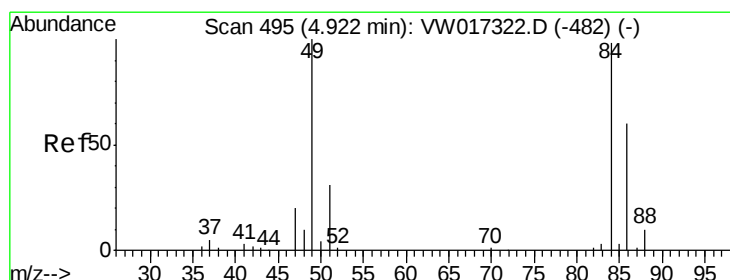
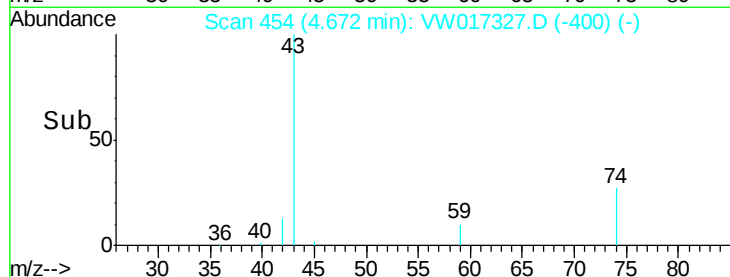
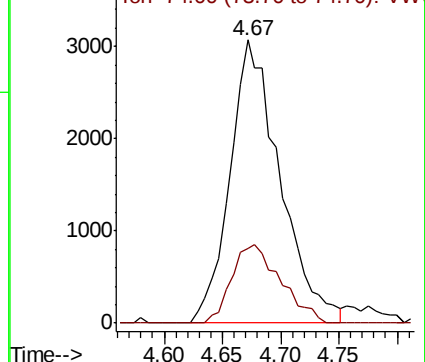
43 100

74 26.3 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 5.536 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

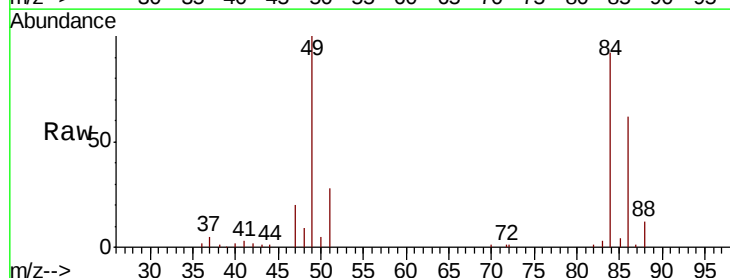
Tgt Ion: 84 Resp: 41284

Ion Ratio Lower Upper

84 100

49 108.4 71.5 132.9

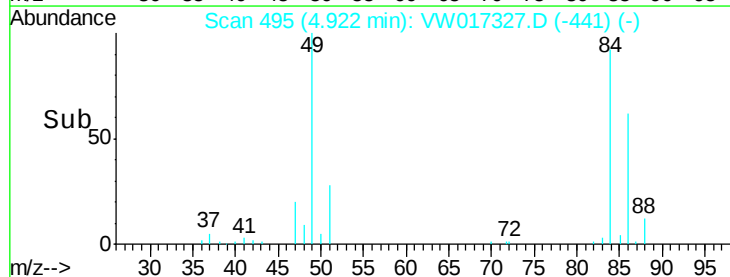
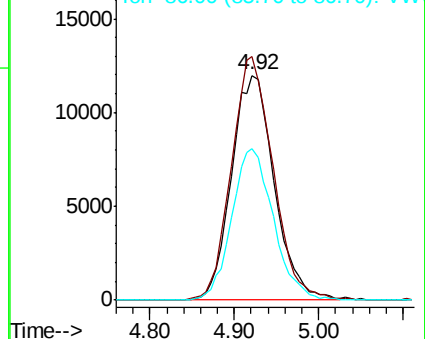
86 67.6 42.8 79.4

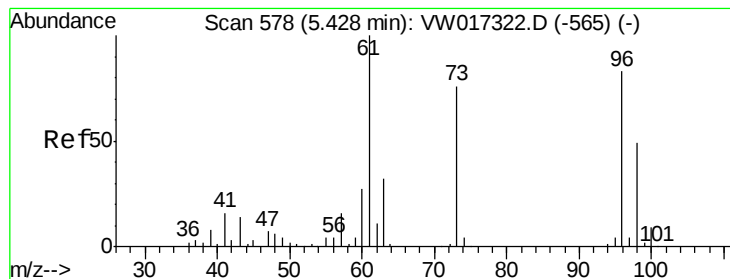


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



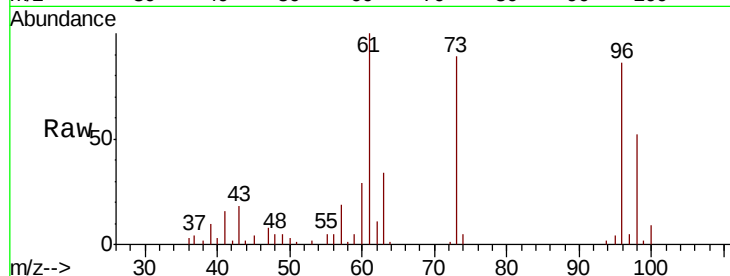


#17

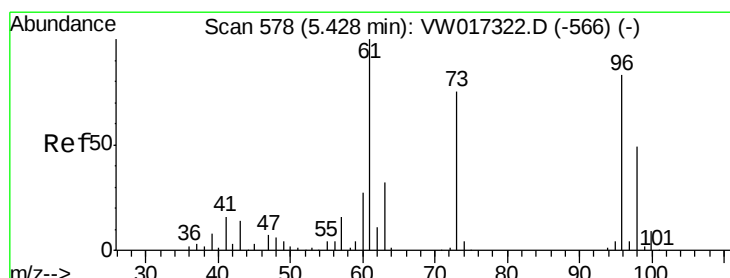
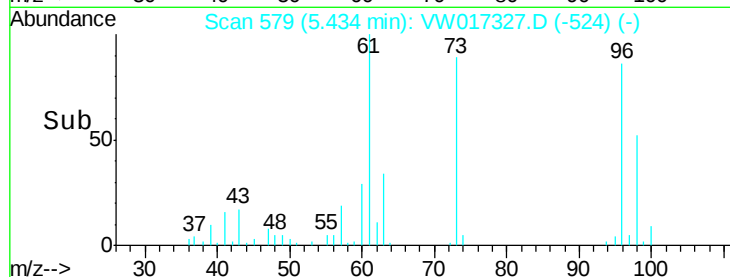
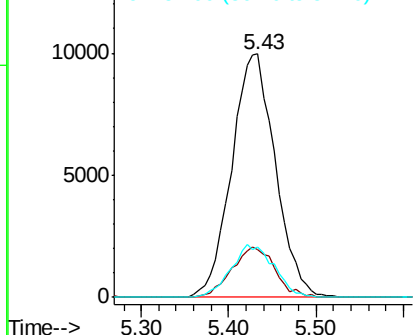
Methvl tert-butvl Ether
 Concen: 5.514 ug/L
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

Tot Ion: 73 Resp: 34541
 Ion Ratio Lower Upper
 73 100
 43 20.3 15.7 23.5
 57 21.3 16.3 24.5



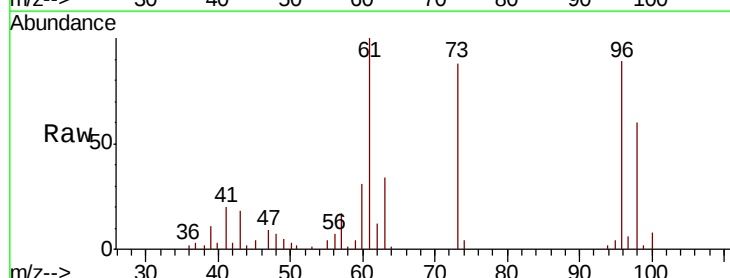
Abundance Ion 73.00 (72.70 to 73.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 57.00 (56.70 to 57.70): VW



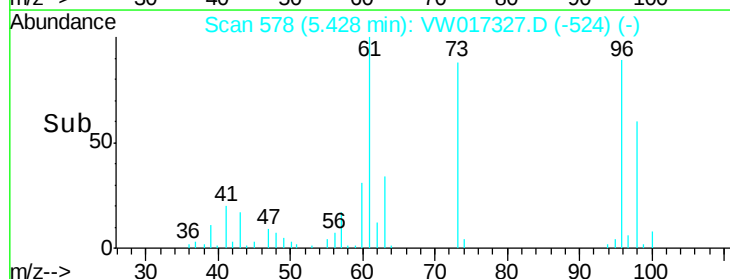
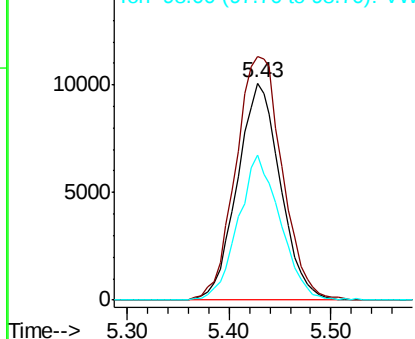
#18

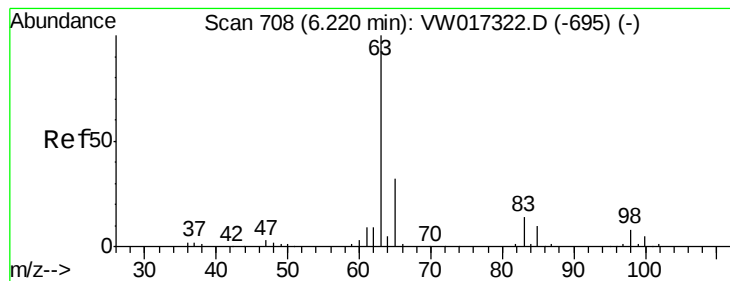
trans-1,2-Dichloroethene
 Concen: 5.107 ug/L
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Tgt Ion: 96 Resp: 29526
 Ion Ratio Lower Upper
 96 100
 61 112.3 84.3 156.5
 98 66.9 41.5 77.1



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: 5.159 ug/L

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD00506

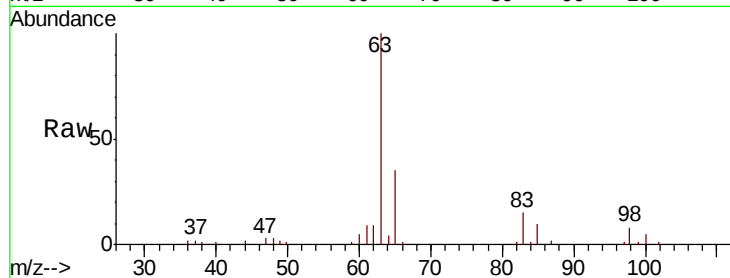
Tot Ion: 63 Resp: 45715

Ion Ratio Lower Upper

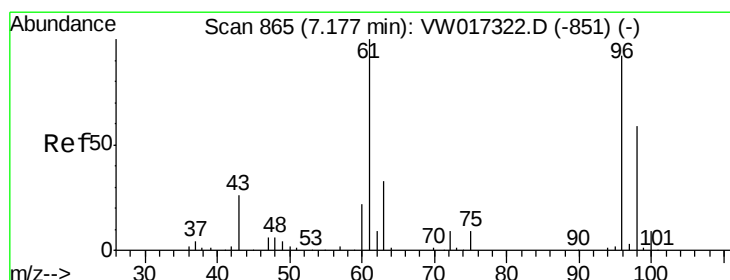
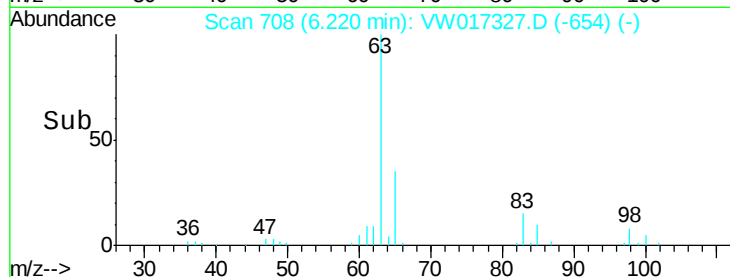
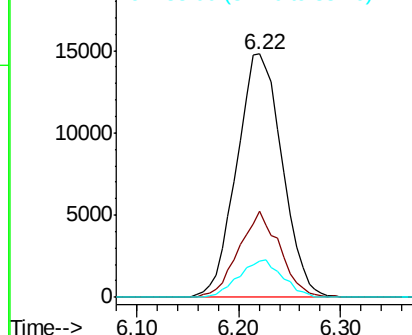
63 100

65 35.3 22.3 41.5

83 14.9 10.1 18.7



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: 12.477 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW017327.D

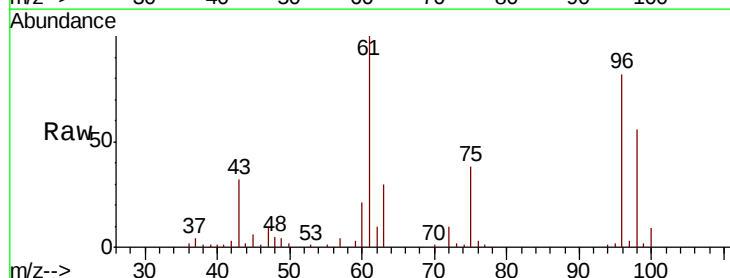
Acq: 18 Nov 2020 14:34

Tgt Ion: 43 Resp: 13457

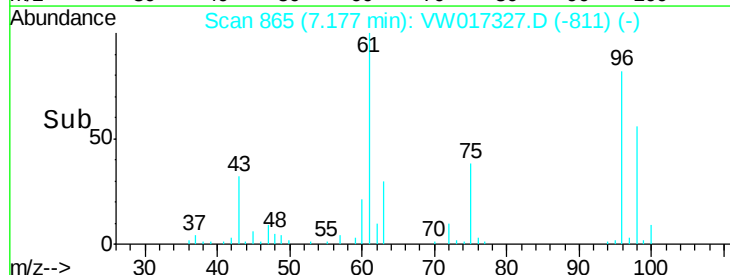
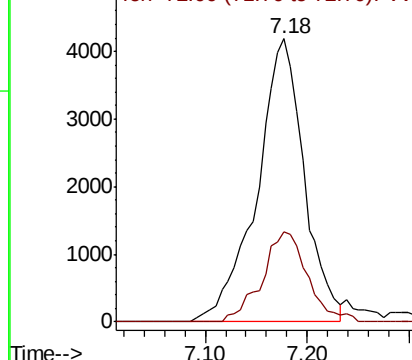
Ion Ratio Lower Upper

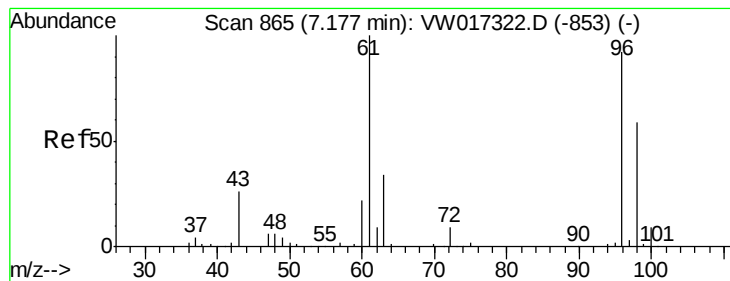
43 100

72 22.8 16.4 49.1



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



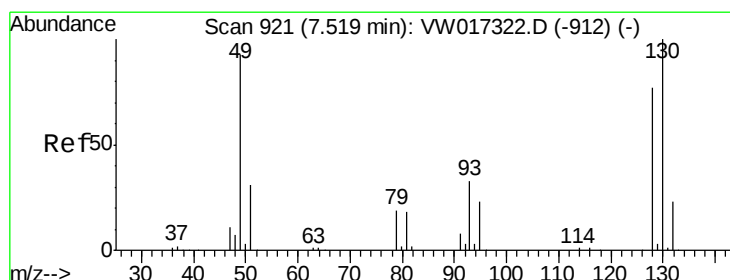
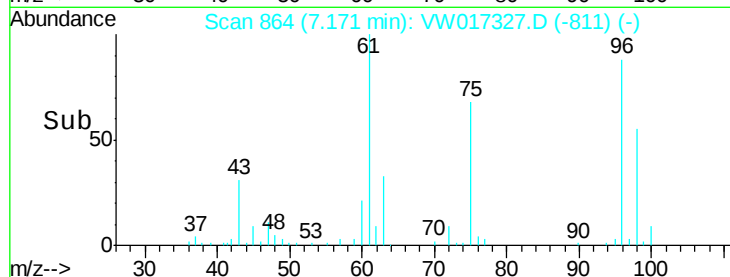
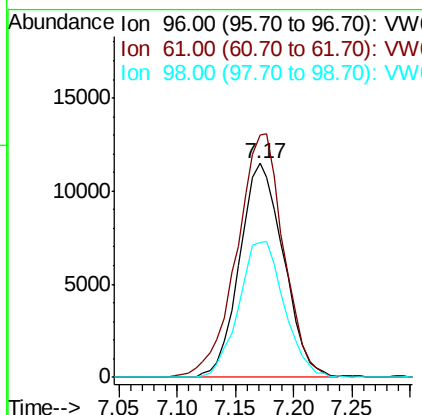
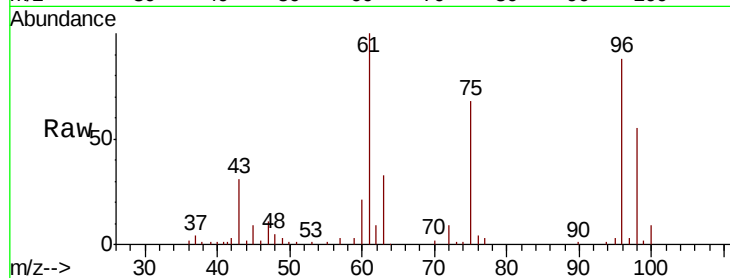


#22

cis-1,2-Dichloroethene
Concen: 5.155 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD00506

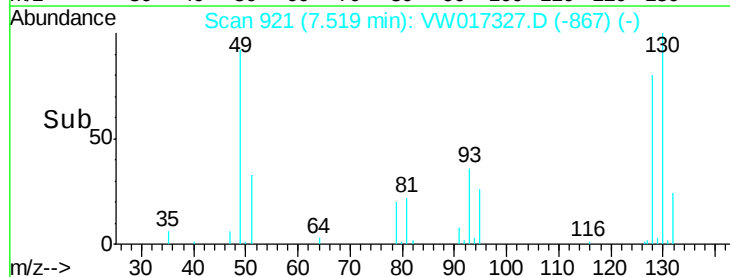
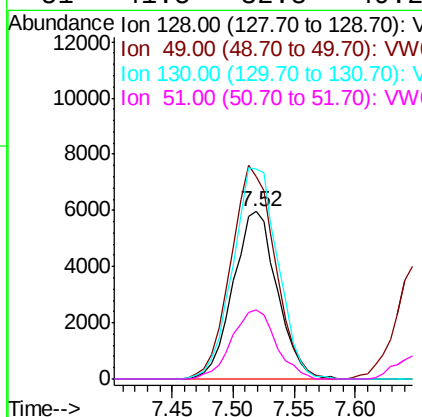
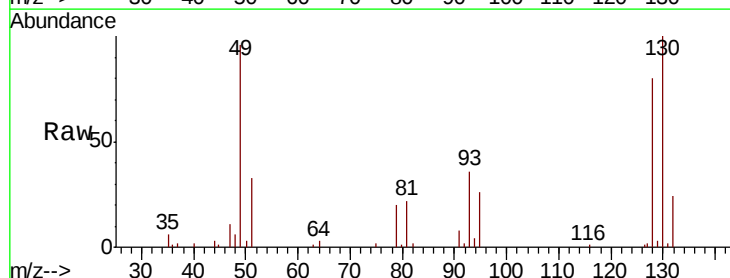
Tot Ion: 96 Resp: 30221
Ion Ratio Lower Upper
96 100
61 113.5 76.1 141.3
98 62.8 44.7 82.9

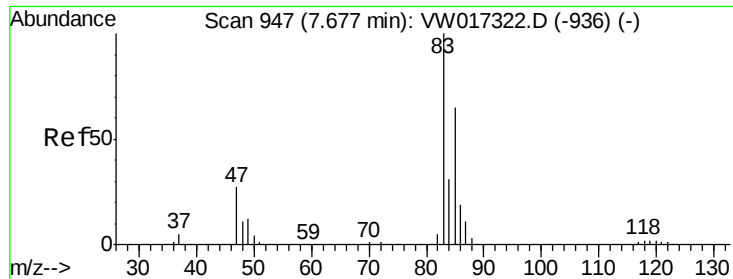


#23

Bromochloromethane
Concen: 5.480 ug/L
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

Tgt Ion: 128 Resp: 14893
Ion Ratio Lower Upper
128 100
49 121.1 85.5 158.7
130 125.8 91.5 169.9
51 41.5 32.8 49.2

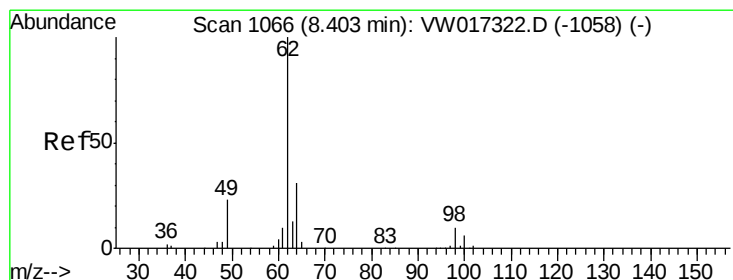
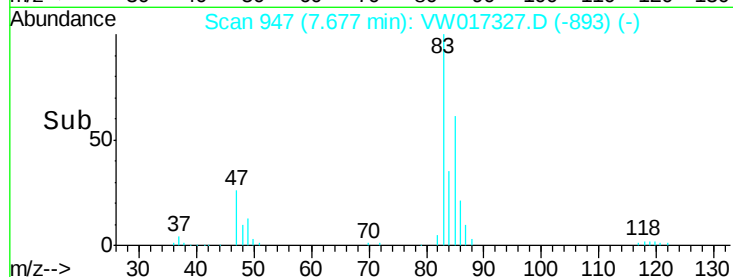
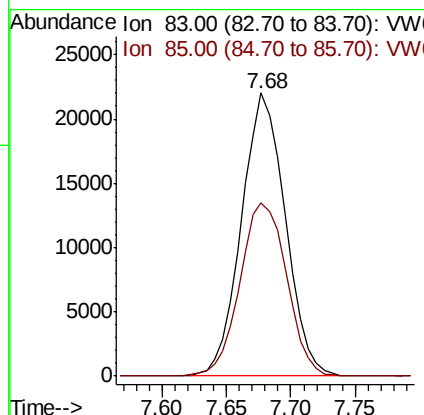
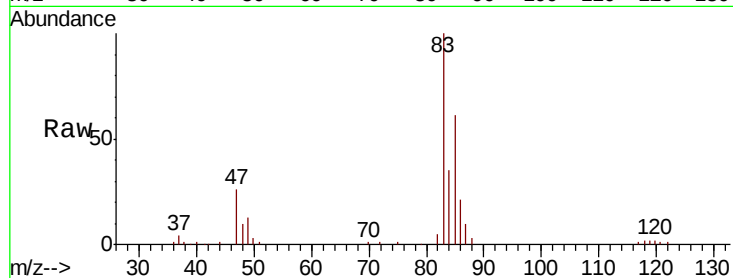




#25
Chloroform
Concen: 5.264 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

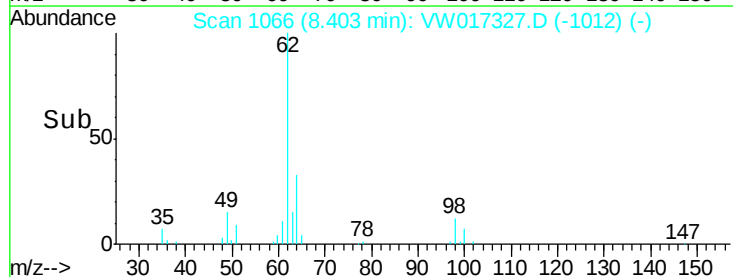
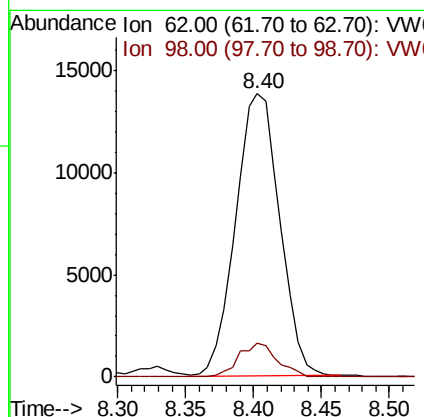
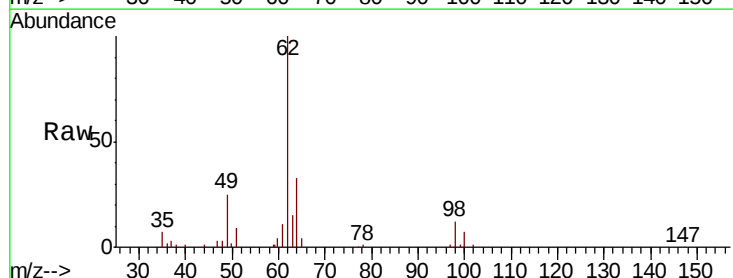
Instrument :
MSVOA_W
ClientSampleId :
VSTD00506

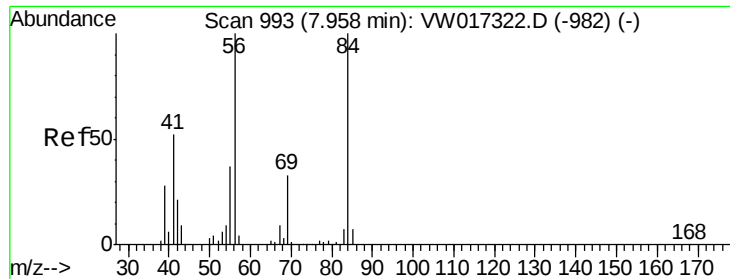
Tot Ion: 83 Resp: 51978
Ion Ratio Lower Upper
83 100
85 65.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 5.529 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

Tgt Ion: 62 Resp: 31269
Ion Ratio Lower Upper
62 100
98 12.1 7.7 11.5#

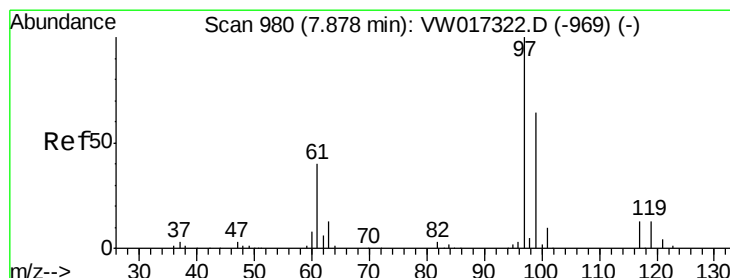
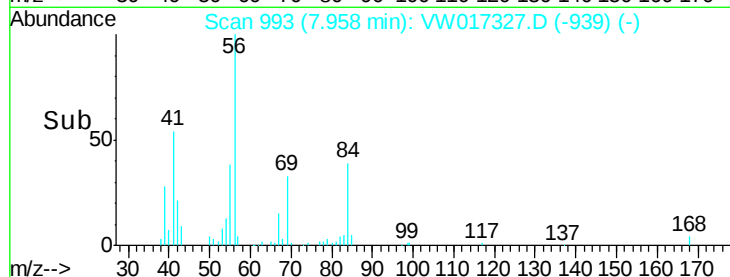
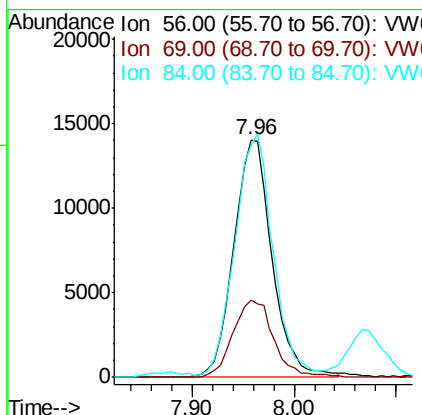
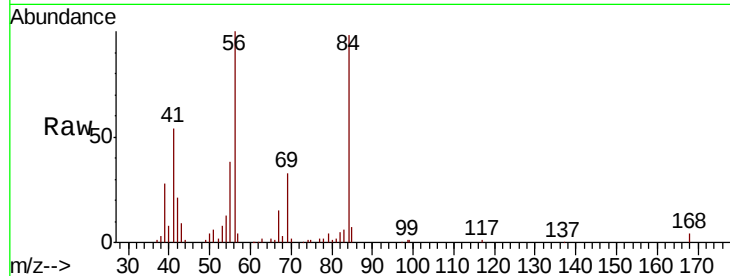




#30
Cyclohexane
Concen: 4.785 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

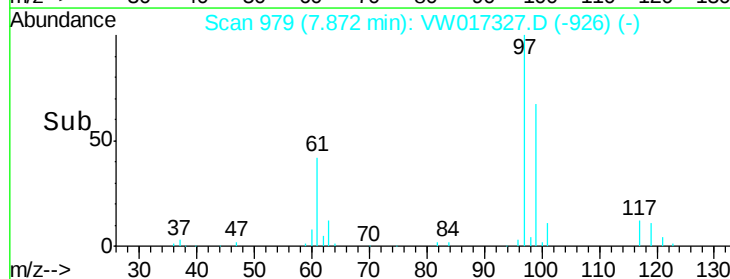
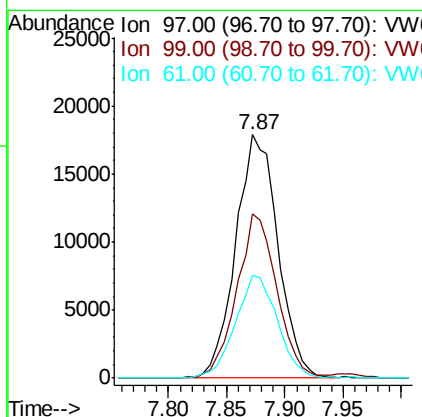
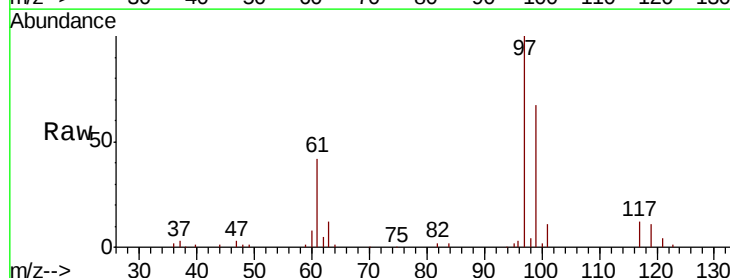
Instrument :
MSVOA_W
ClientSampleId :
VSTD00506

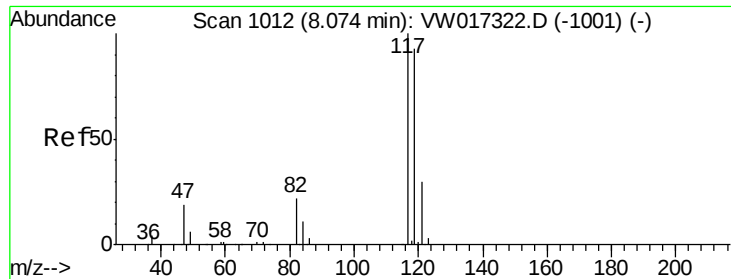
Tot Ion	56	Resp	36603
Ion	Ratio	Lower	Upper
56	100		
69	33.4	27.0	40.6
84	102.8	82.2	123.4



#31
1,1,1-Trichloroethane
Concen: 5.061 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

Tgt Ion	97	Resp	45064
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	42.1	32.7	49.1

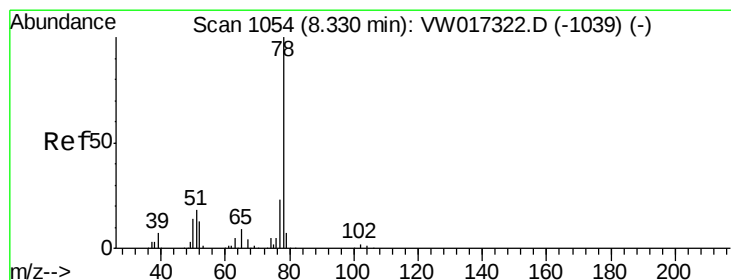
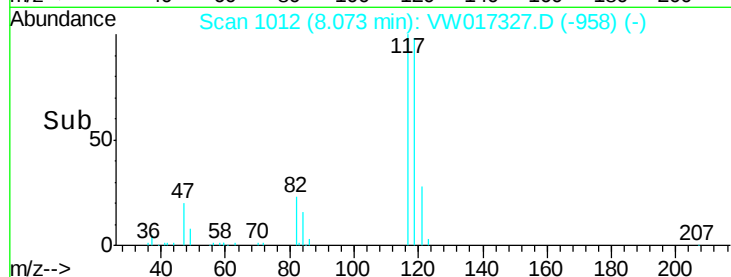
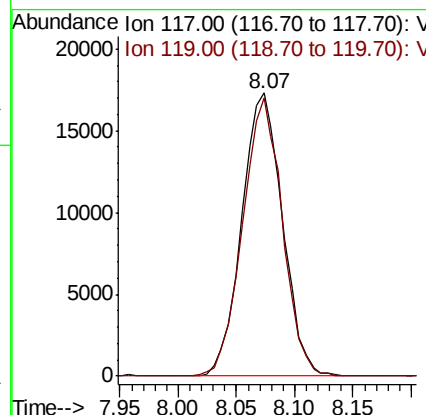
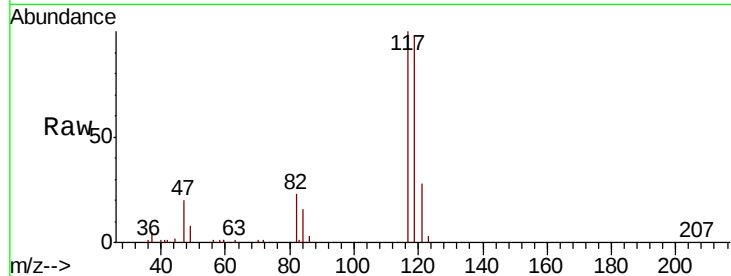




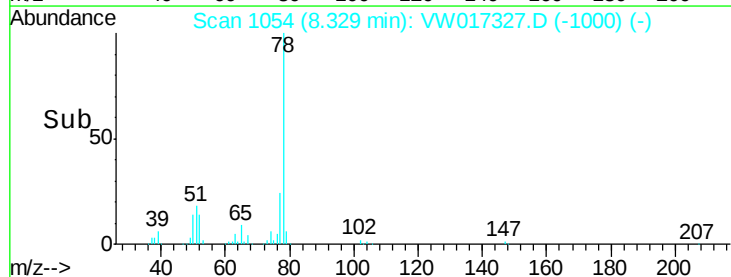
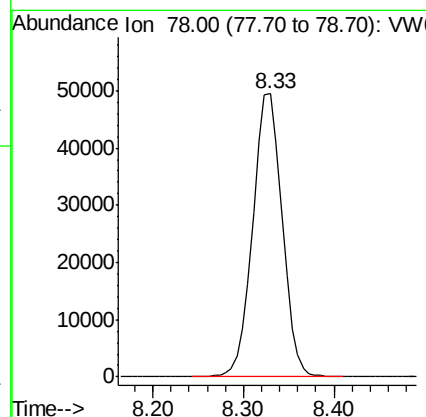
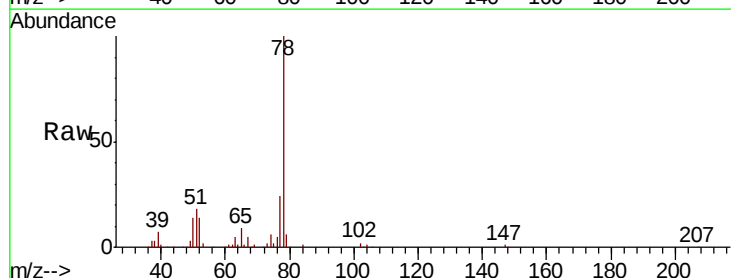
#32
Carbon tetrachloride
Concen: 4.952 ug/L
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

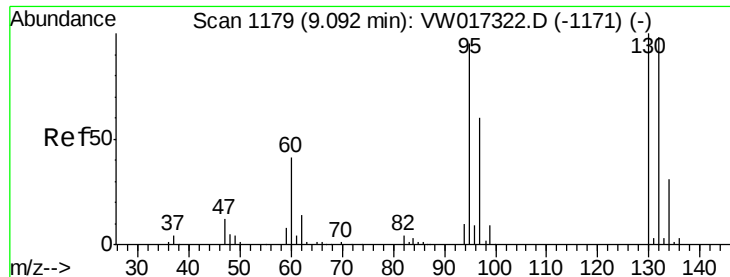
Instrument :
MSVOA_W
ClientSampleId :
VSTD00506

Tot Ion:117 Resp: 42249
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.6



#34
Benzene
Concen: 5.222 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34
Tgt Ion: 78 Resp: 111793





#35

Trichloroethene

Concen: 5.039 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD00506

Tot Ion: 95 Resp: 30827

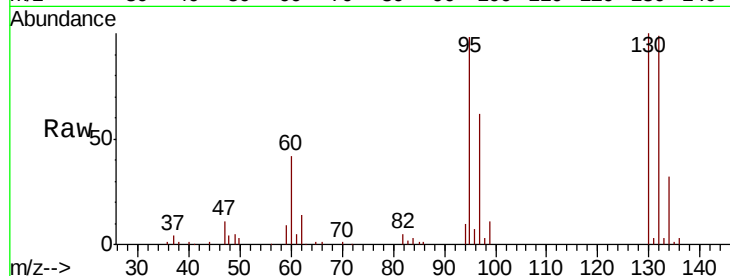
Ion Ratio Lower Upper

95 100

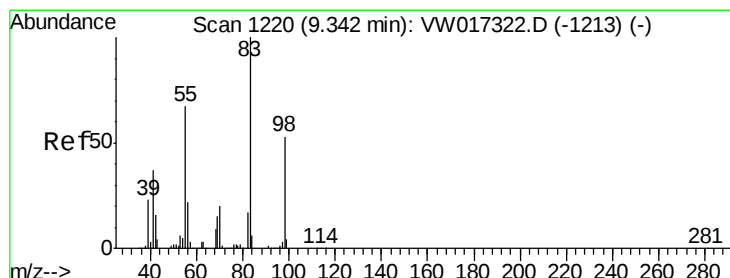
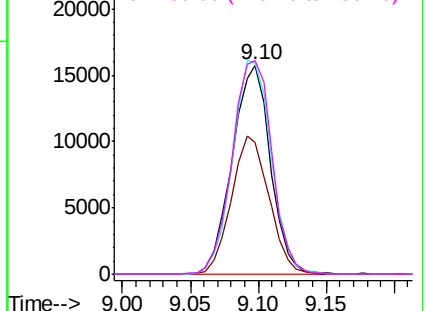
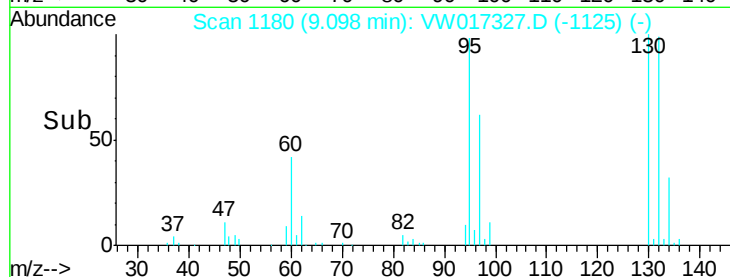
97 65.4 44.7 82.9

132 104.1 72.7 134.9

130 107.0 76.1 141.3



Abundance Ion 95.00 (94.70 to 95.70): VW
 25000 Ion 97.00 (96.70 to 97.70): VW
 20000 Ion 132.00 (131.70 to 132.70): V
 15000 Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 4.841 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

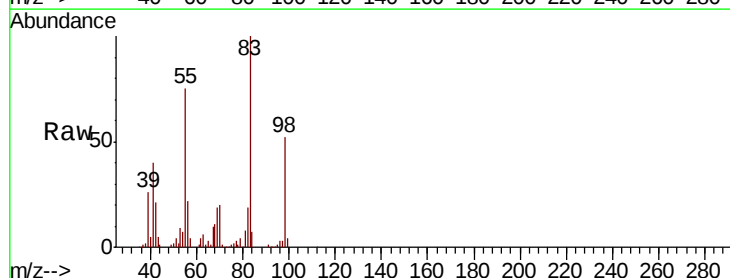
Tgt Ion: 83 Resp: 47429

Ion Ratio Lower Upper

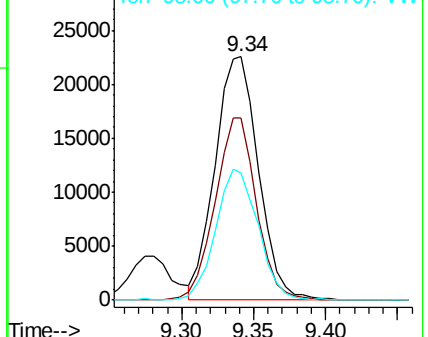
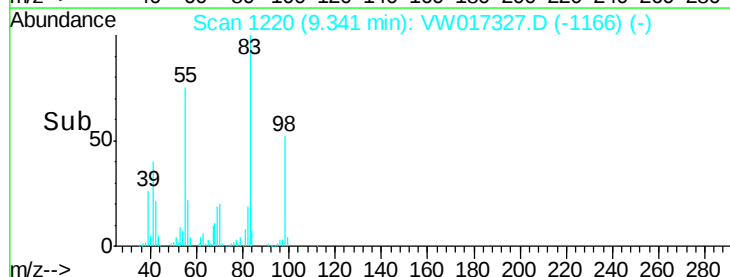
83 100

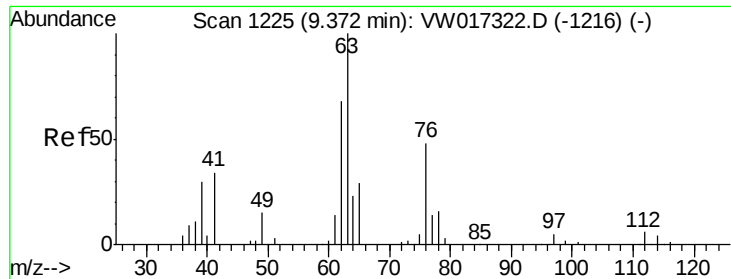
55 71.7 54.6 81.8

98 52.4 41.5 62.3



Abundance Ion 83.00 (82.70 to 83.70): VW
 30000 Ion 55.00 (54.70 to 55.70): VW
 25000 Ion 98.00 (97.70 to 98.70): VW

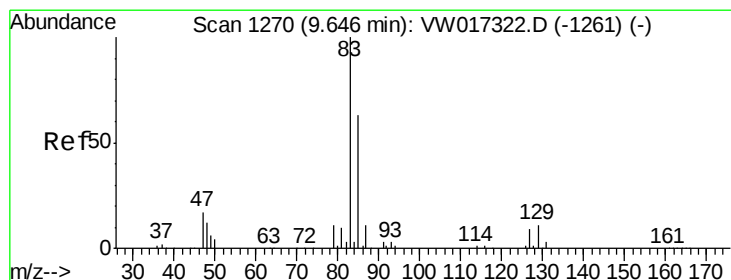
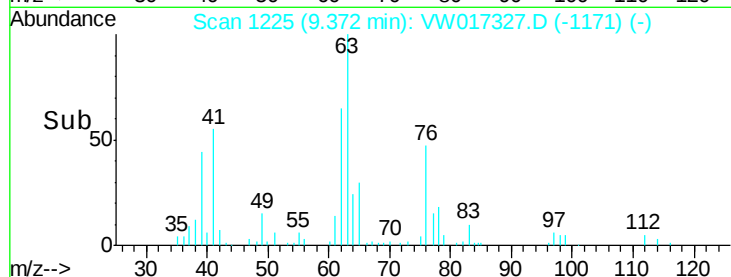
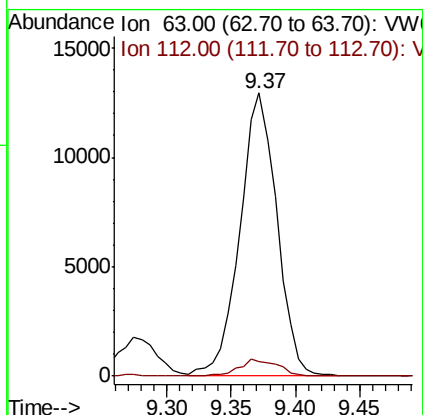
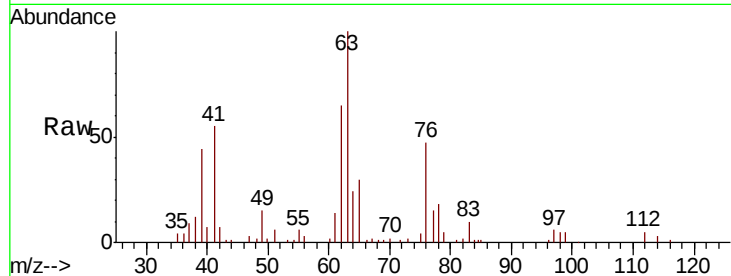




#40
 1,2-Dichloropropane
 Concen: 5.353 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

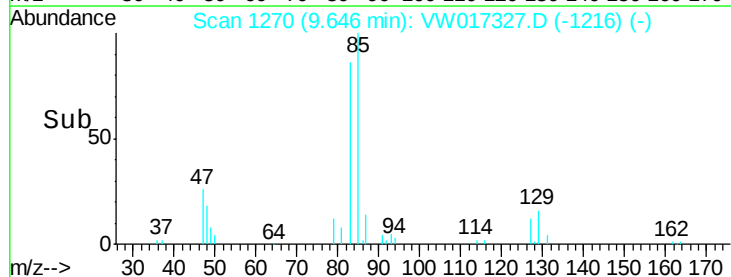
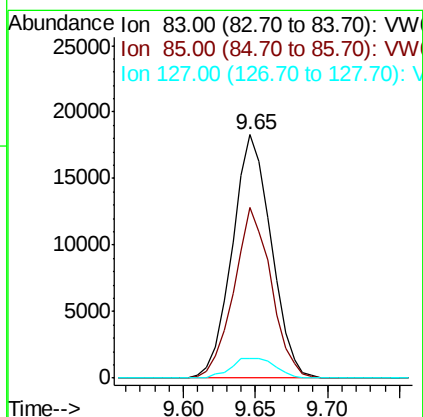
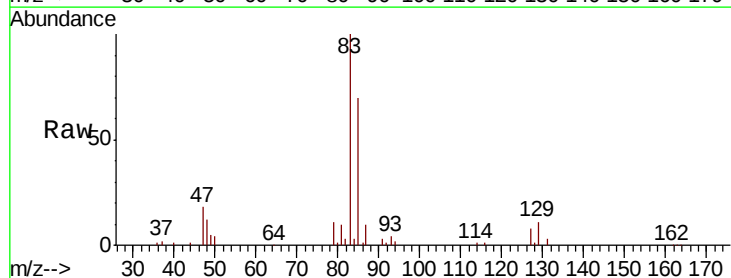
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD00506

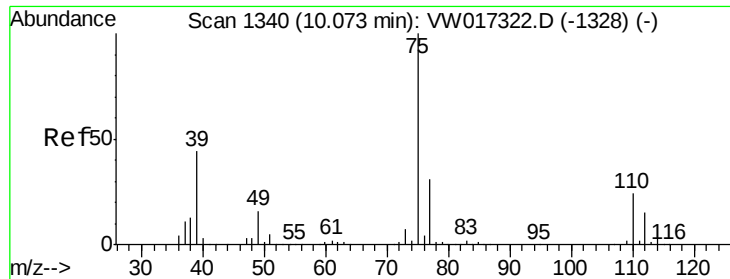
Tot Ion: 63 Resp: 25740
 Ion Ratio Lower Upper
 63 100
 112 6.0 4.2 6.4



#41
 Bromodichloromethane
 Concen: 5.073 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Tgt Ion: 83 Resp: 34456
 Ion Ratio Lower Upper
 83 100
 85 69.9 44.1 81.9
 127 8.3 7.3 10.9

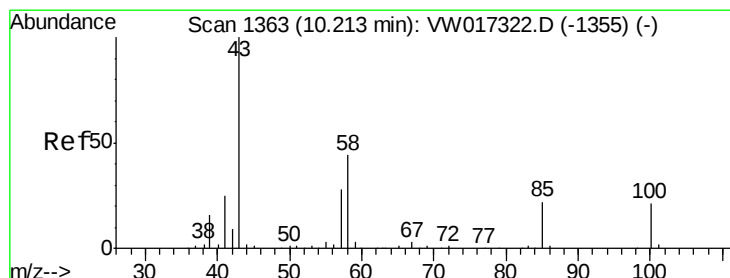
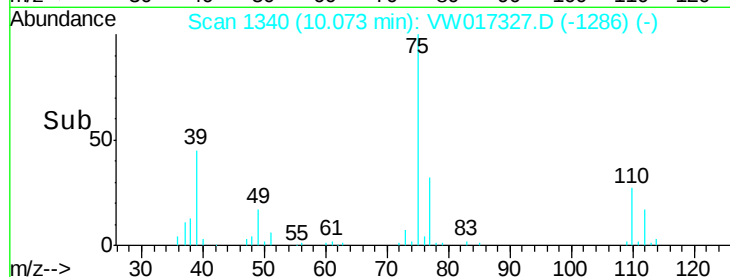
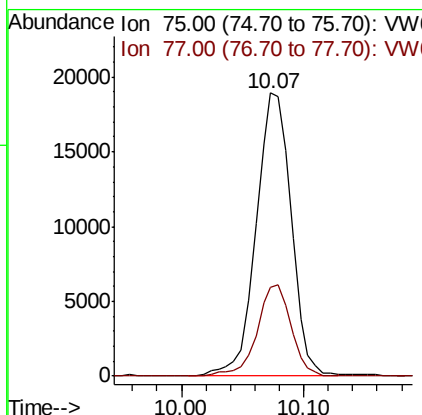
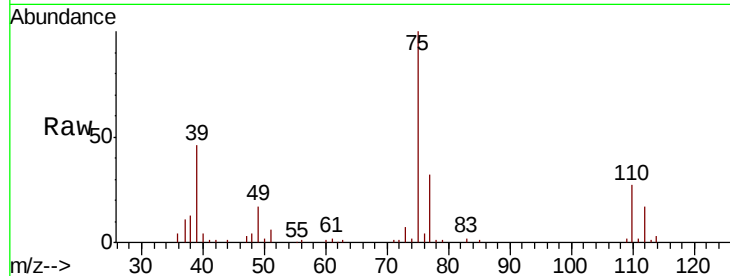




#42
 cis-1,3-Dichloropropene
 Concen: 5.092 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

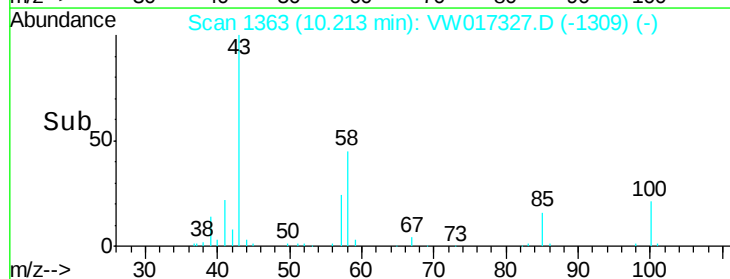
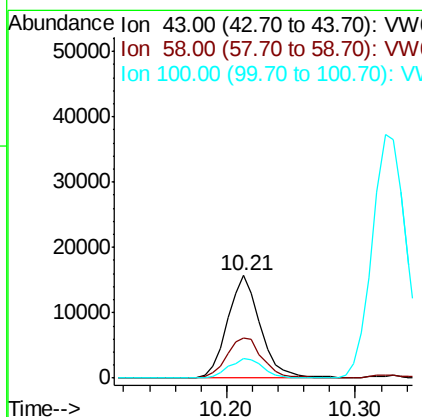
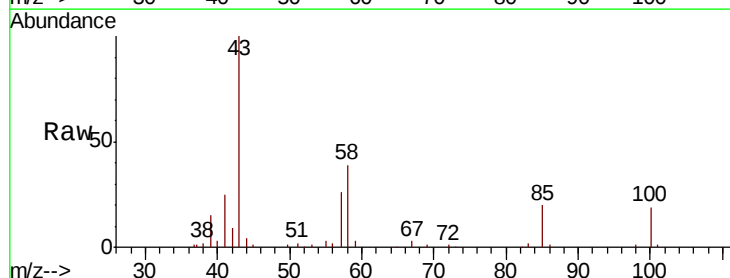
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

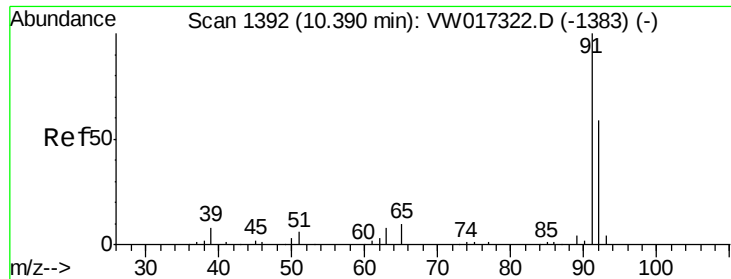
Tot Ion: 75 Resp: 37858
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.8 40.4



#43
 4-Methyl-2-pentanone
 Concen: 12.183 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Tgt Ion: 43 Resp: 27593
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.4 50.2
 100 20.1 16.3 24.5





#44

Toluene

Concen: 5.075 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampled :

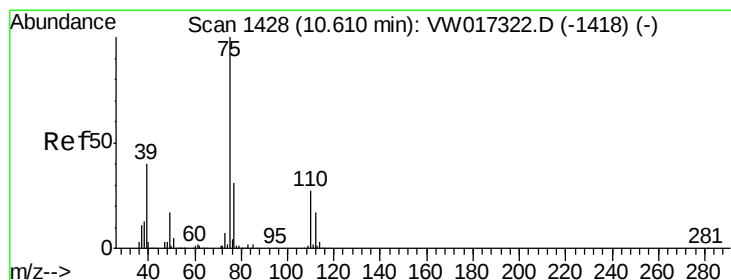
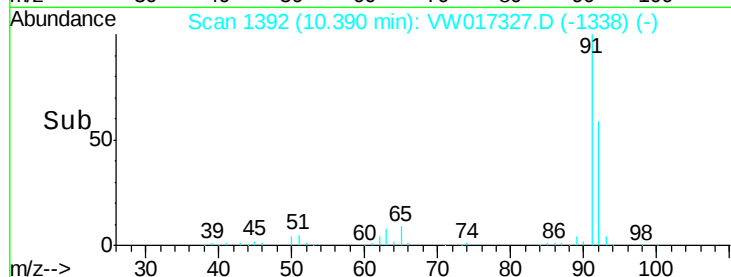
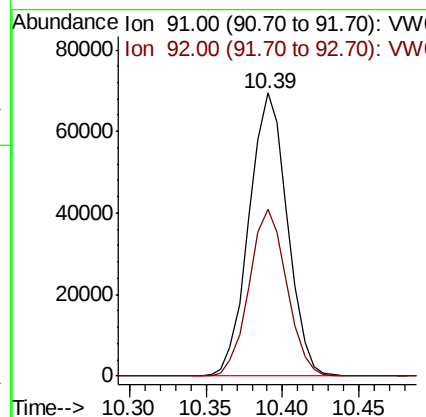
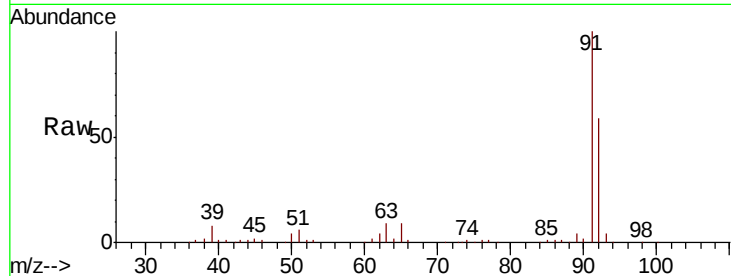
VSTD00506

Tot Ion: 91 Resp: 120864

Ion Ratio Lower Upper

91 100

92 58.9 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 5.117 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW017327.D

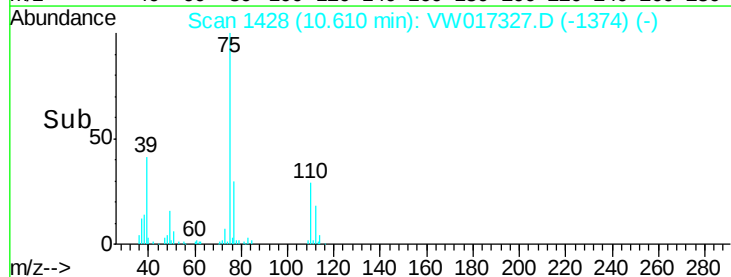
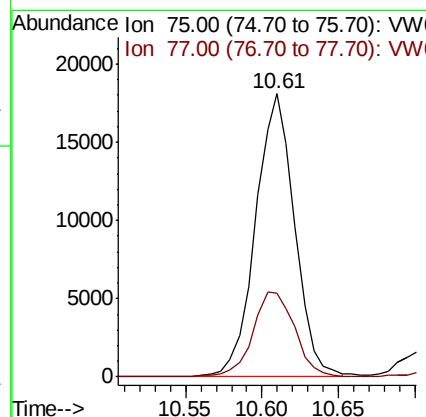
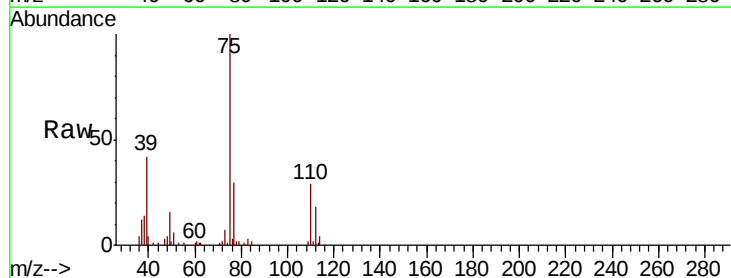
Acq: 18 Nov 2020 14:34

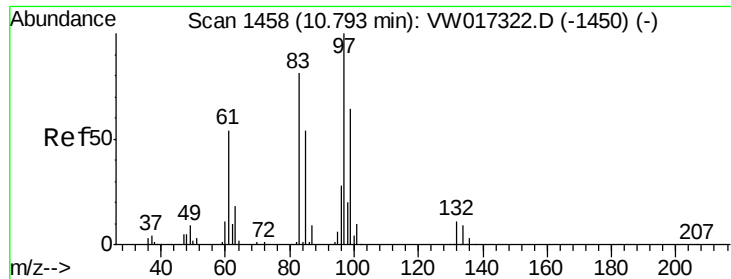
Tgt Ion: 75 Resp: 32085

Ion Ratio Lower Upper

75 100

77 29.8 22.0 40.8

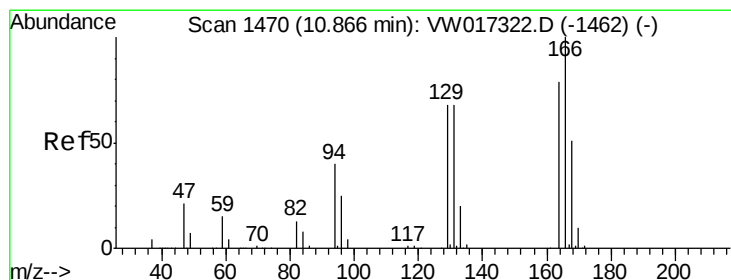
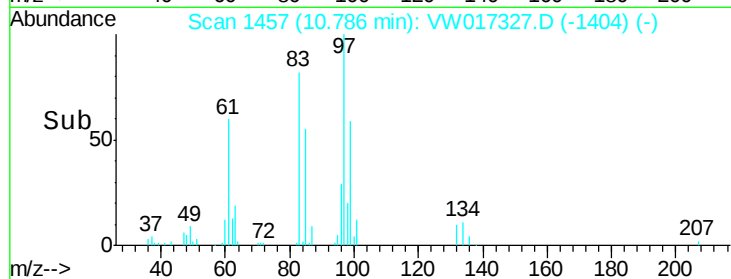
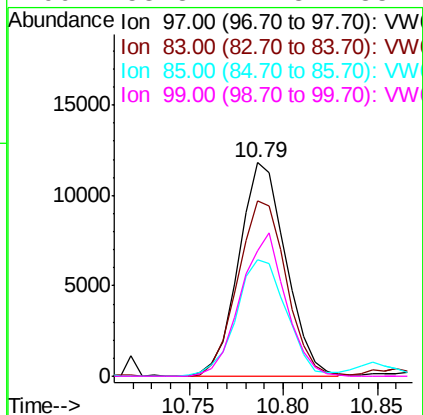
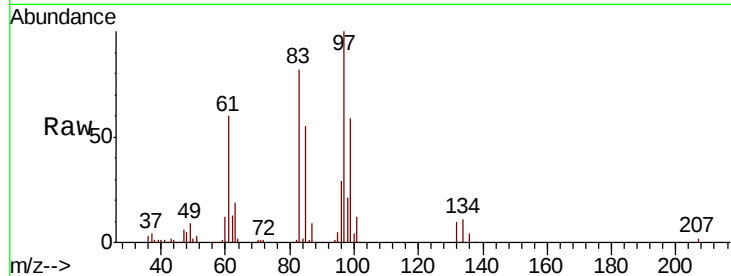




#46
 1,1,2-Trichloroethane
 Concen: 5.452 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

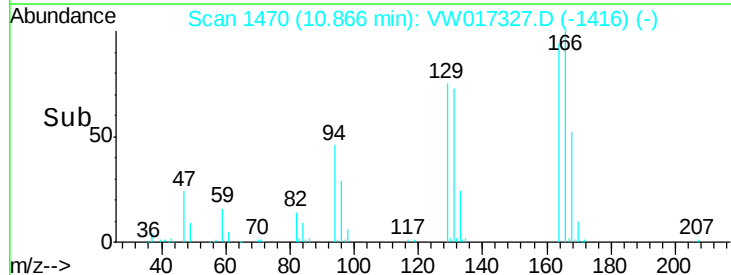
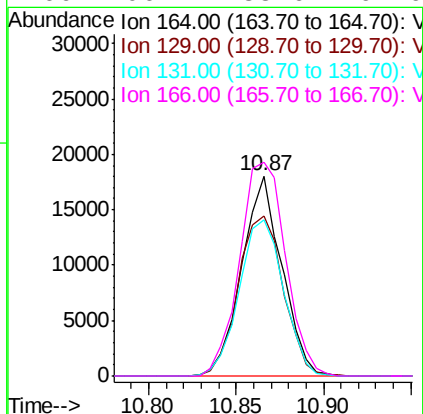
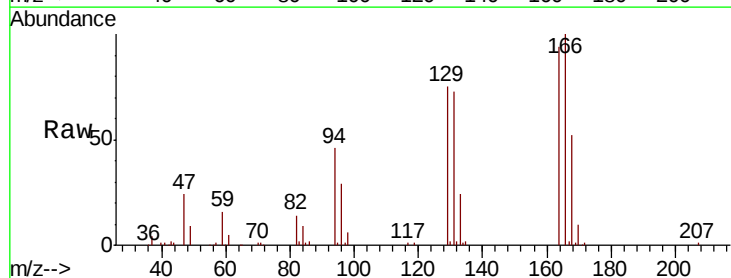
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

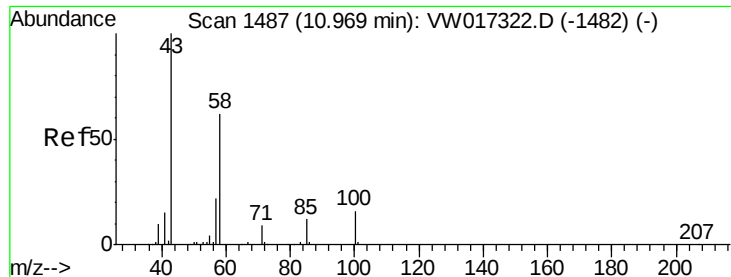
Tot Ion:	97	Resp:	20529
Ion	Ratio	Lower	Upper
97	100		
83	82.3	56.6	105.2
85	54.8	37.7	69.9
99	58.8	44.8	83.2



#47
 Tetrachloroethene
 Concen: 5.272 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Tgt Ion:	164	Resp:	28850
Ion	Ratio	Lower	Upper
164	100		
129	80.1	60.6	112.6
131	78.1	60.4	112.2
166	106.7	88.6	164.6





#49

2-Hexanone

Concen: 11.493 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampled :

VSTD00506

Tot Ion: 43 Resp: 16049

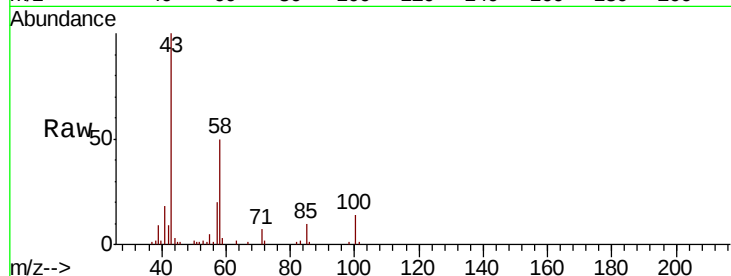
Ion Ratio Lower Upper

43 100

58 55.9 49.4 74.0

57 21.0 17.0 25.4

100 15.5 13.1 19.7

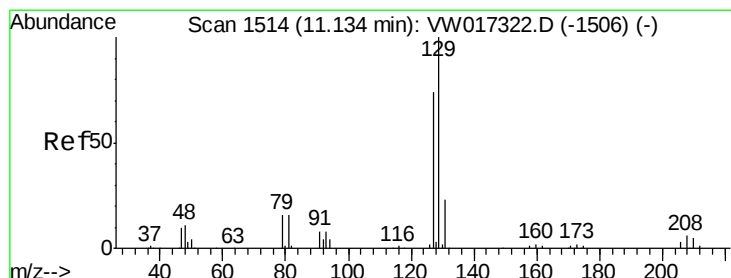
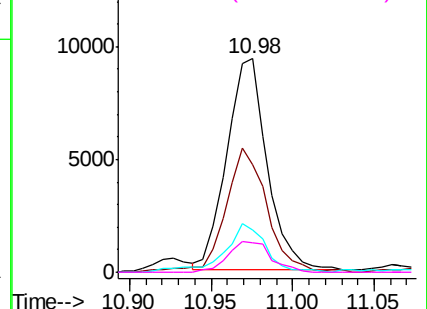
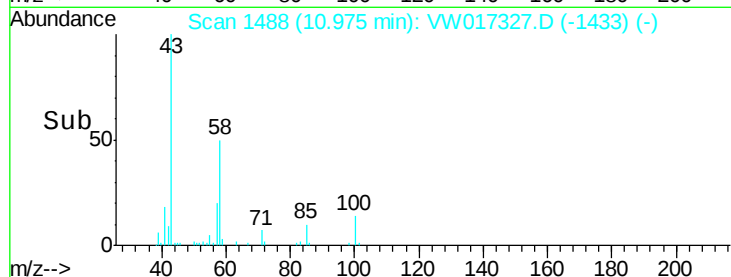


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 5.319 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW017327.D

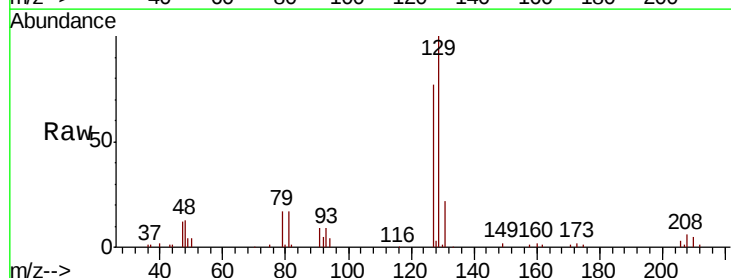
Acq: 18 Nov 2020 14:34

Tgt Ion: 129 Resp: 25488

Ion Ratio Lower Upper

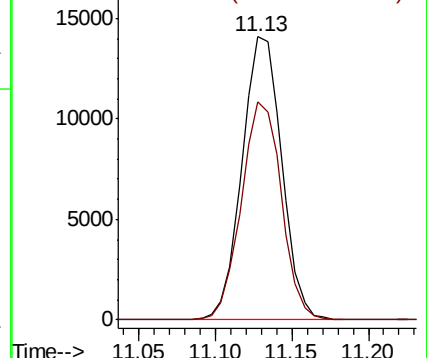
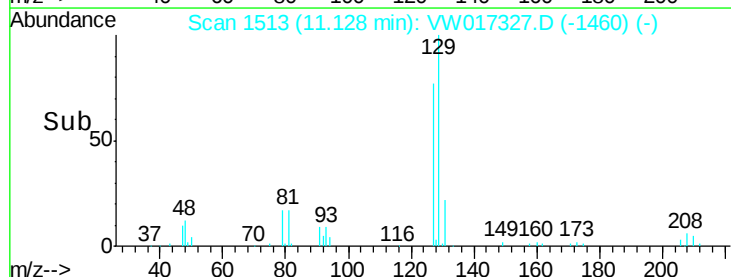
129 100

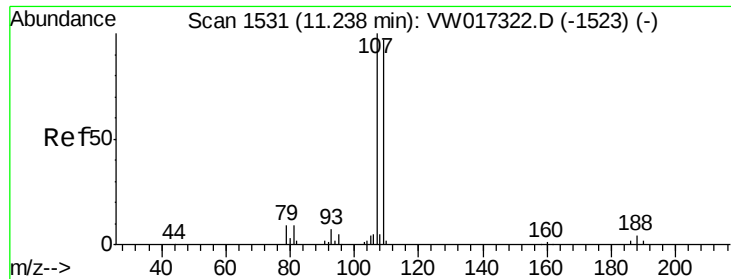
127 77.0 51.8 96.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

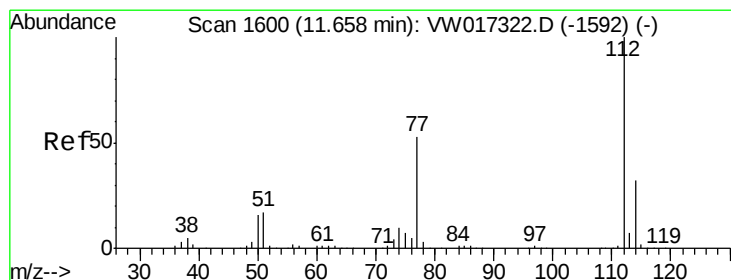
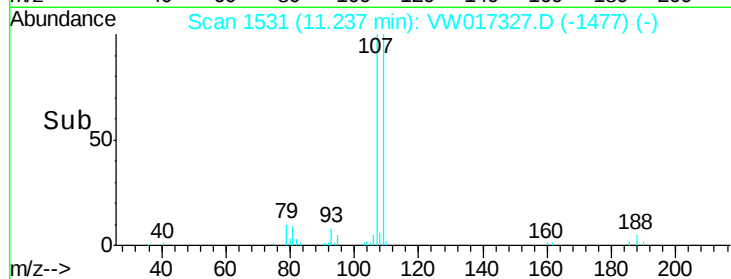
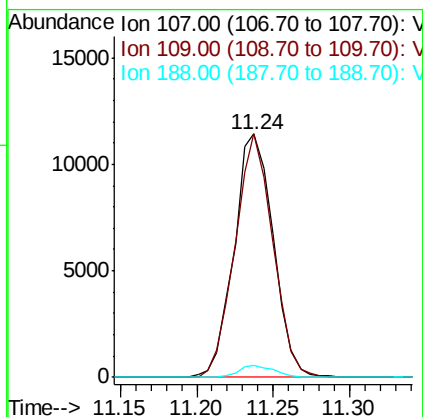
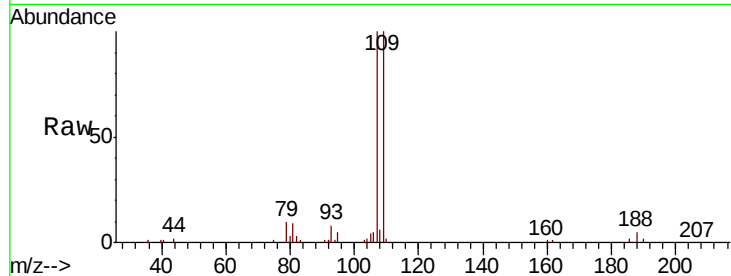




#51
 1,2-Dibromoethane
 Concen: 5.558 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

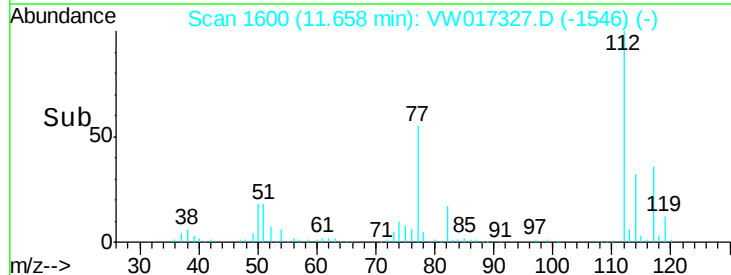
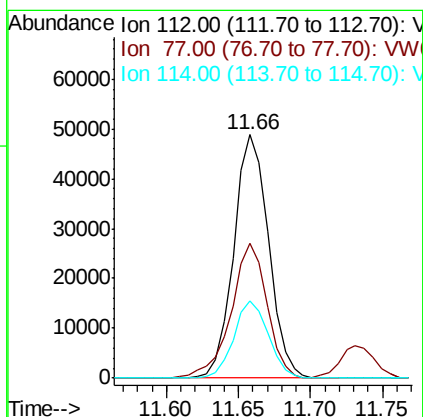
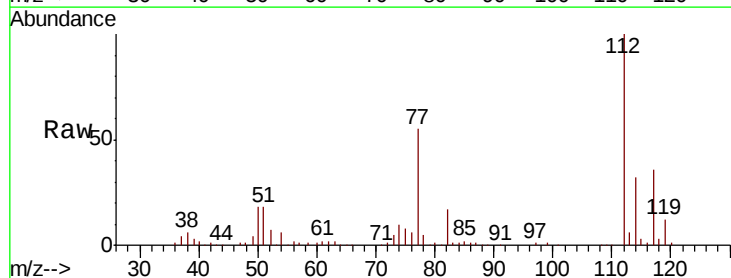
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

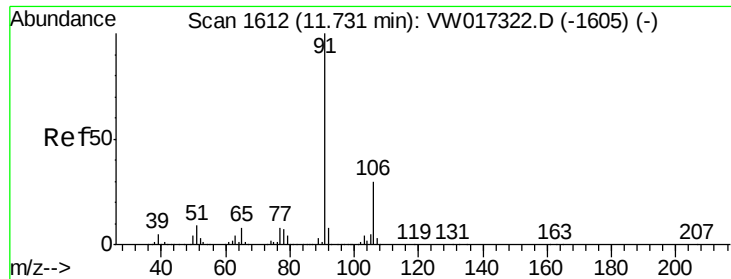
Tot Ion:107 Resp: 20314
 Ion Ratio Lower Upper
 107 100
 109 100.1 68.2 126.6
 188 5.0 3.3 4.9#



#52
 Chlorobenzene
 Concen: 5.182 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Tgt Ion:112 Resp: 82159
 Ion Ratio Lower Upper
 112 100
 77 55.2 42.2 63.4
 114 31.7 22.1 41.1

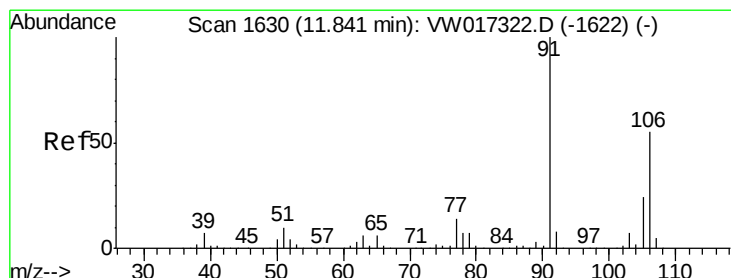
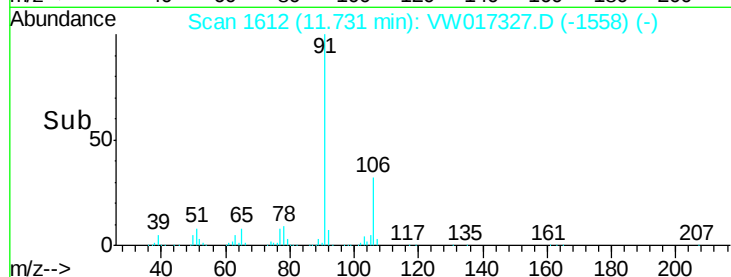
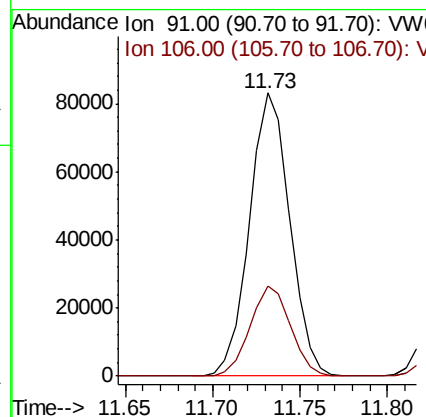
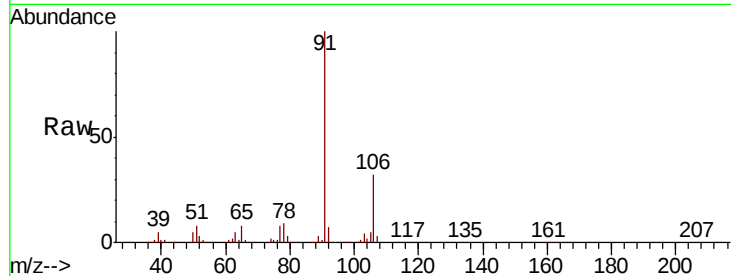




#53
Ethylbenzene
Concen: 4.992 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

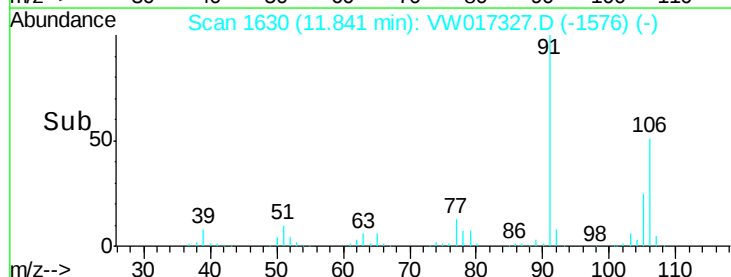
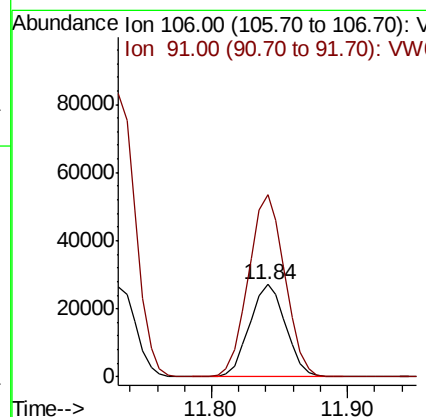
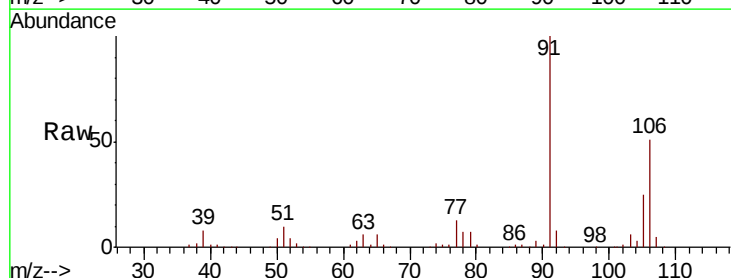
Instrument :
MSVOA_W
ClientSampleId :
VSTD00506

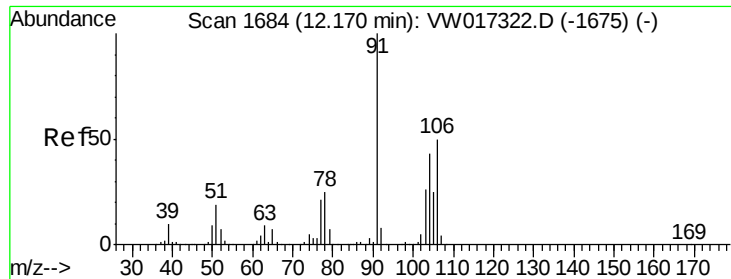
Tot Ion: 91 Resp: 133499
Ion Ratio Lower Upper
91 100
106 32.0 20.8 38.6



#54
m,p-Xylene
Concen: 4.886 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

Tgt Ion:106 Resp: 50533
Ion Ratio Lower Upper
106 100
91 196.7 126.9 235.7

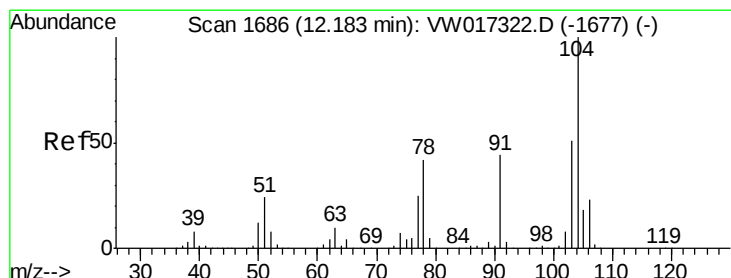
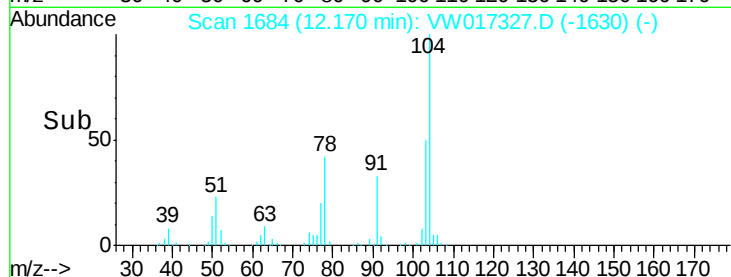
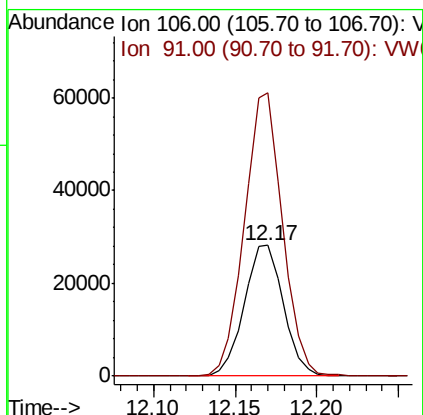
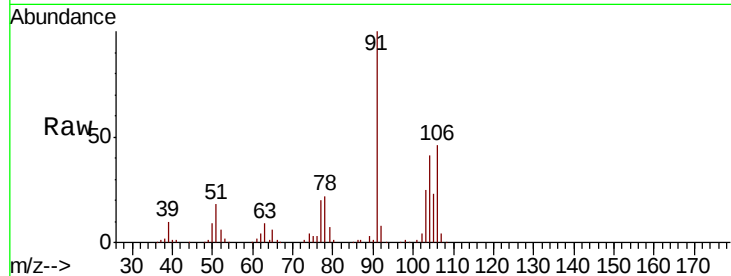




#55
o-xylene
Concen: 4.834 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

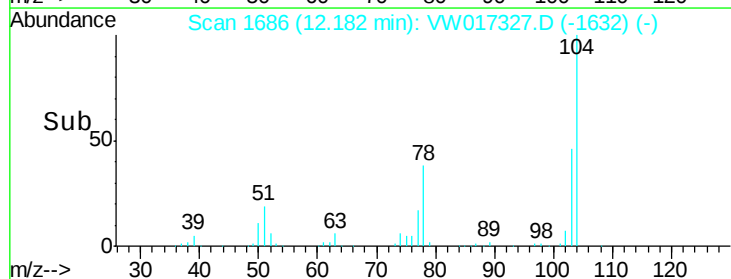
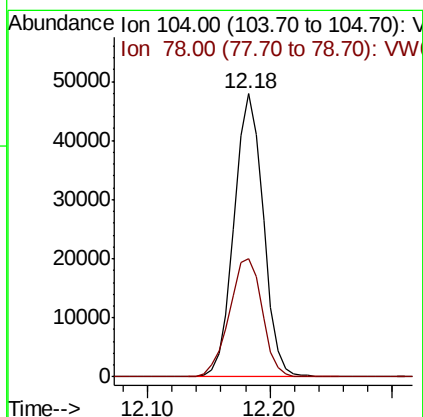
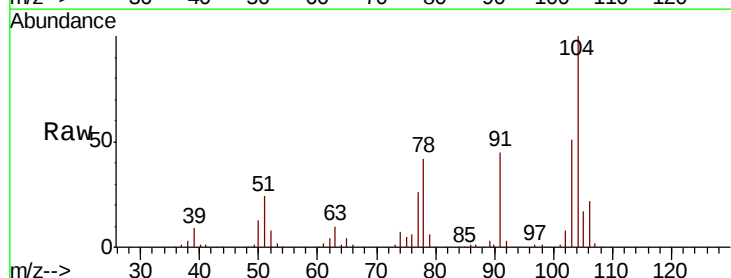
Instrument :
MSVOA_W
ClientSampleId :
VSTD00506

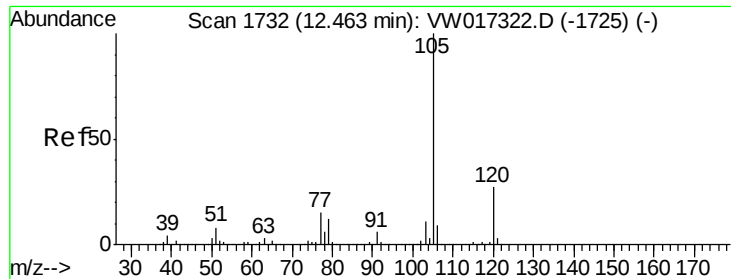
Tot Ion:106 Resp: 47239
Ion Ratio Lower Upper
106 100
91 216.1 139.5 259.1



#56
Styrene
Concen: 4.908 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW017327.D
Acq: 18 Nov 2020 14:34

Tgt Ion:104 Resp: 79075
Ion Ratio Lower Upper
104 100
78 41.7 29.3 54.5





#57

Isopropylbenzene

Concen: 4.828 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD00506

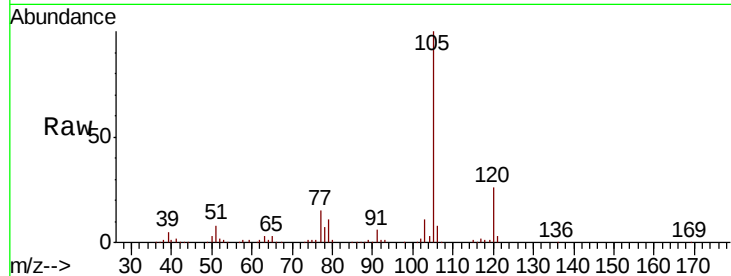
Tot Ion:105 Resp: 129794

Ion Ratio Lower Upper

105 100

120 27.3 21.6 32.4

77 14.9 11.8 17.6

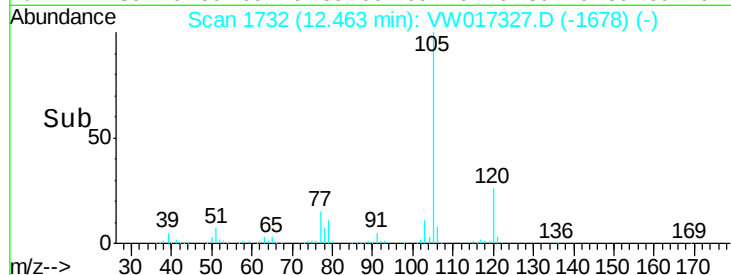


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

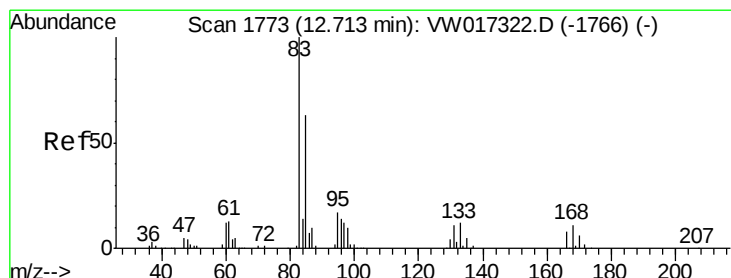
Ion 77.00 (76.70 to 77.70): V

Time-->



12.46

Time-->



#58

1,1,2,2-Tetrachloroethane

Concen: 5.672 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

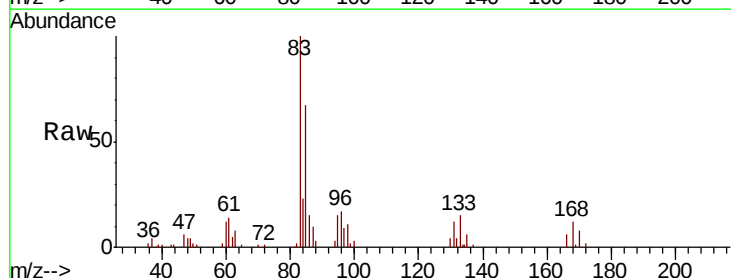
Tgt Ion: 83 Resp: 22885

Ion Ratio Lower Upper

83 100

85 67.4 44.2 82.0

131 12.0 8.7 13.1

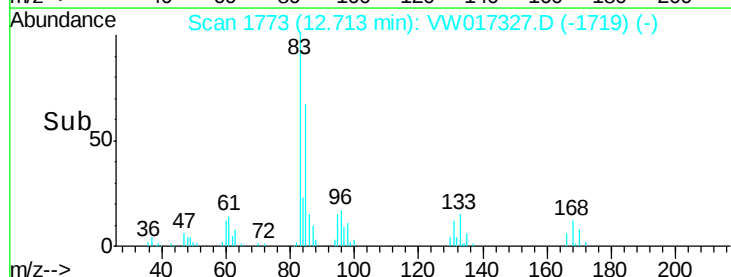


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

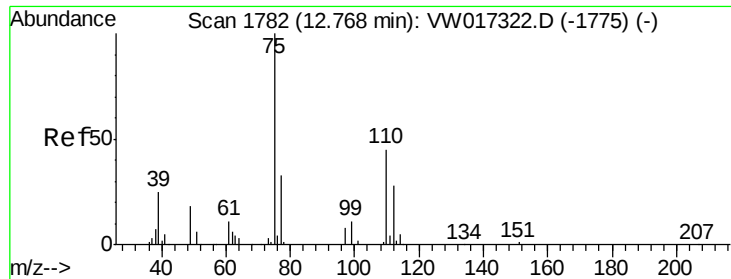
Ion 131.00 (130.70 to 131.70): V

Time-->



12.71

Time-->



#59

1,2,3-Trichloropropane

Concen: 6.037 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

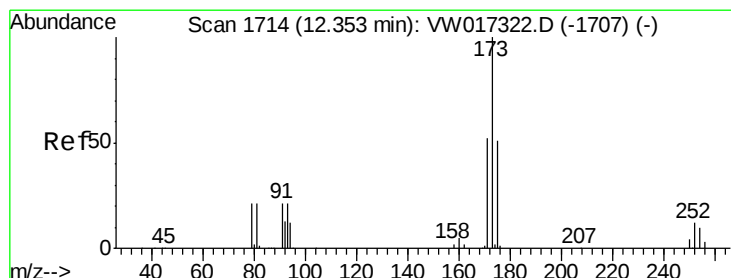
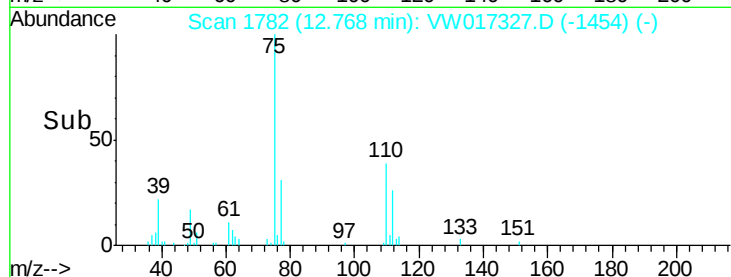
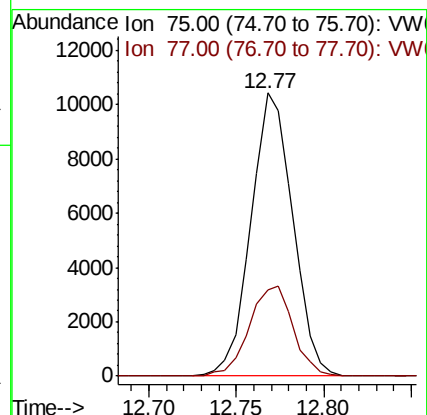
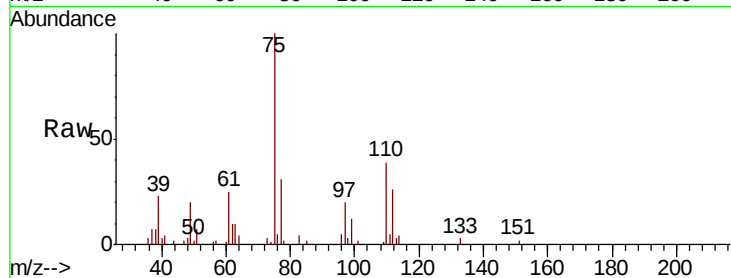
VSTD00506

Tot Ion: 75 Resp: 17339

Ion Ratio Lower Upper

75 100

77 33.5 26.6 40.0



#62

Bromoform

Concen: 5.657 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

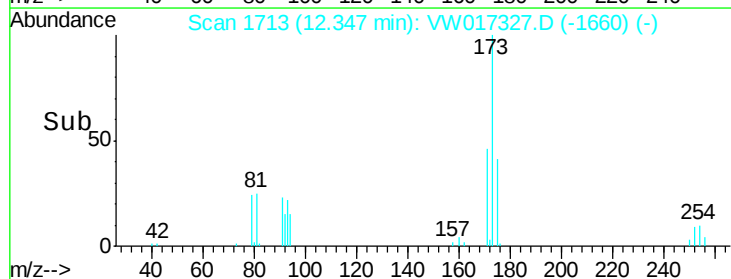
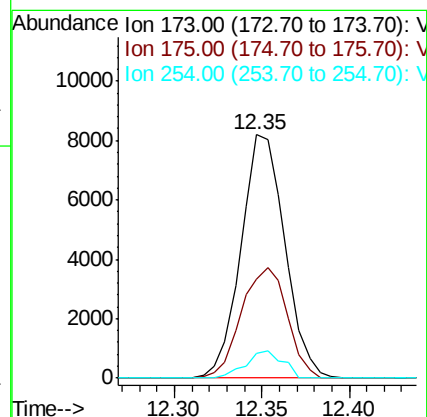
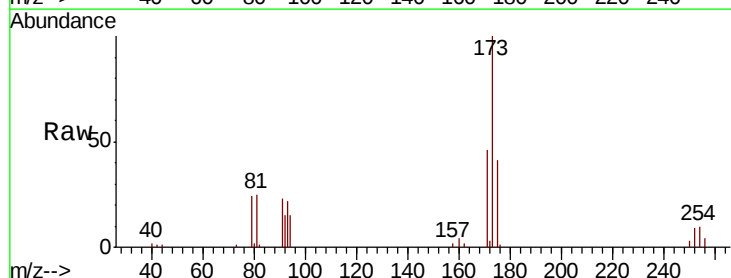
Tgt Ion: 173 Resp: 14391

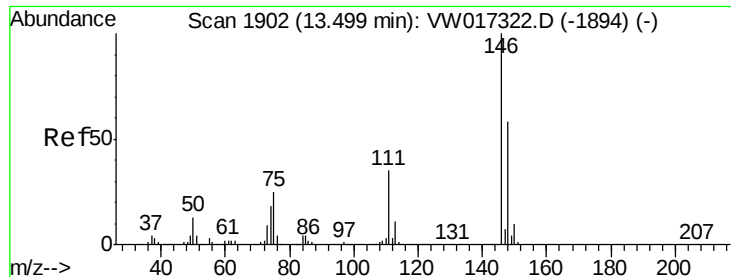
Ion Ratio Lower Upper

173 100

175 47.3 40.0 60.0

254 9.3 8.0 12.0

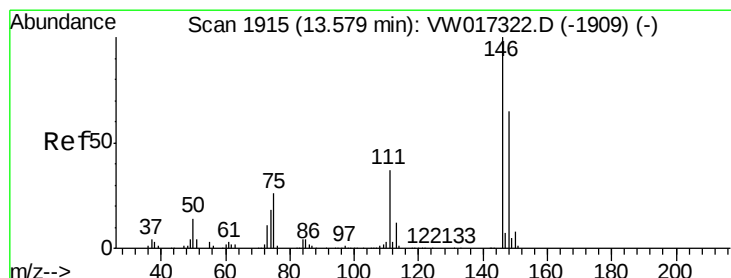
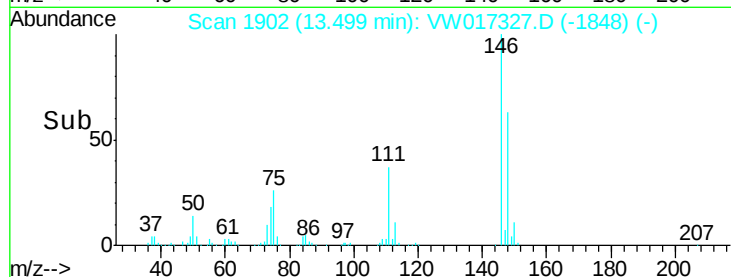
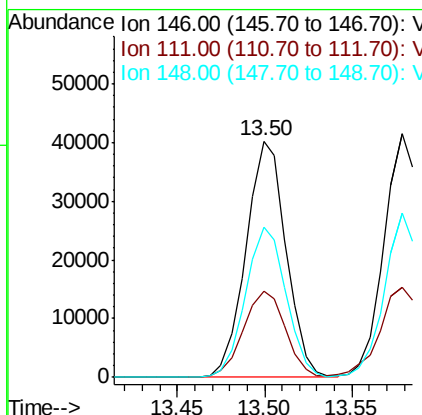
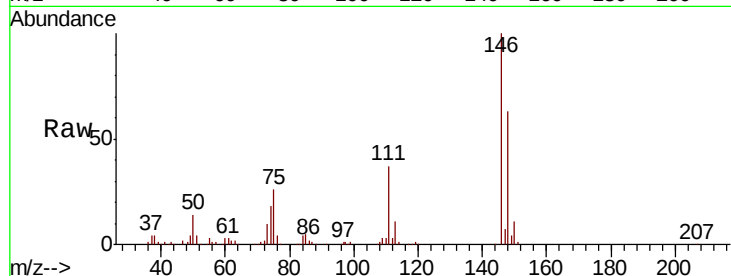




#63
 1,3-Dichlorobenzene
 Concen: 5.339 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

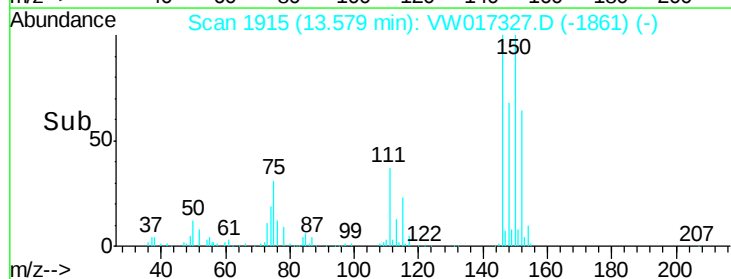
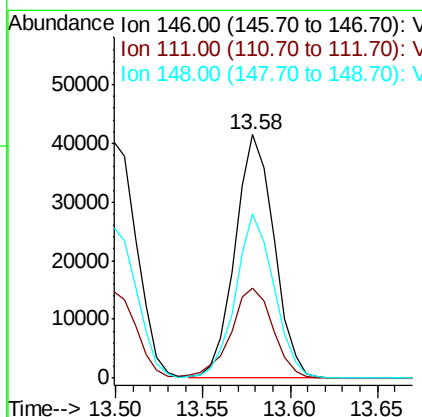
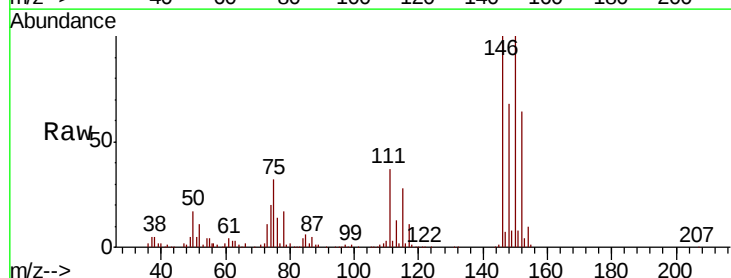
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

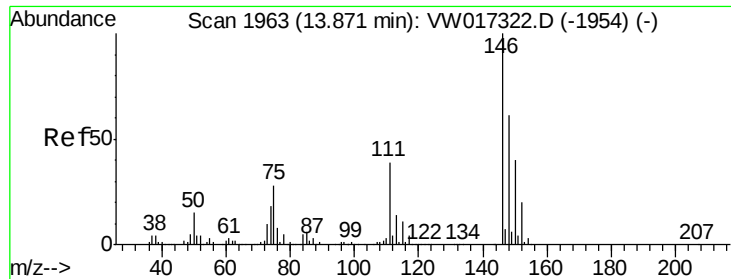
Tot Ion:146 Resp: 64650
 Ion Ratio Lower Upper
 146 100
 111 36.7 24.5 45.5
 148 63.4 40.4 75.0



#64
 1,4-Dichlorobenzene
 Concen: 5.403 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Tgt Ion:146 Resp: 64436
 Ion Ratio Lower Upper
 146 100
 111 36.7 26.2 48.8
 148 67.6 45.2 84.0

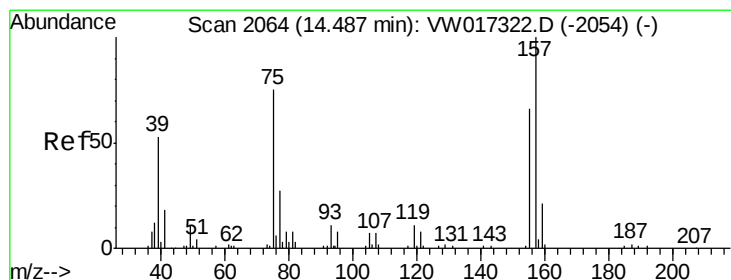
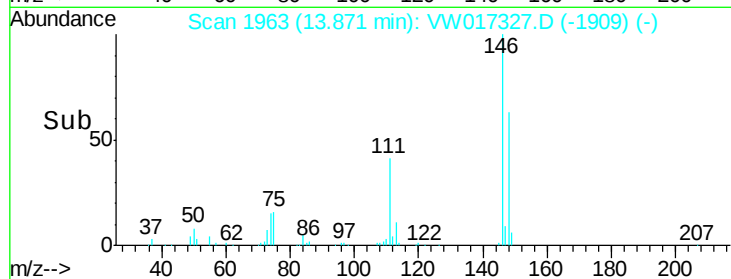
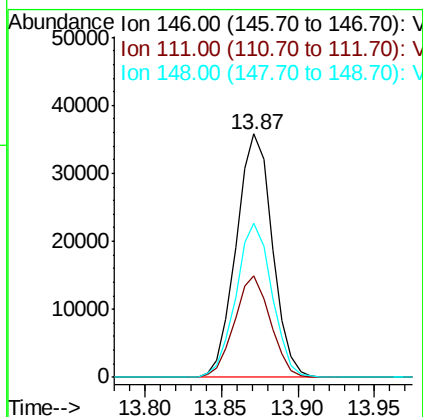
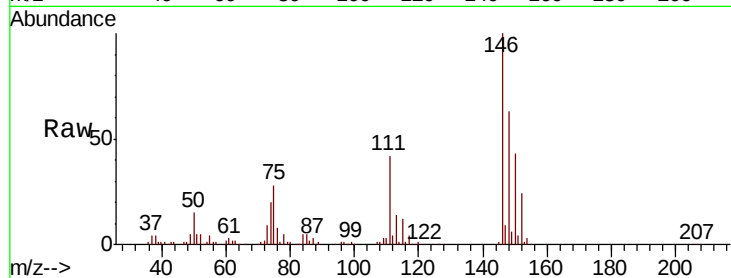




#65
 1,2-Dichlorobenzene
 Concen: 5.630 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

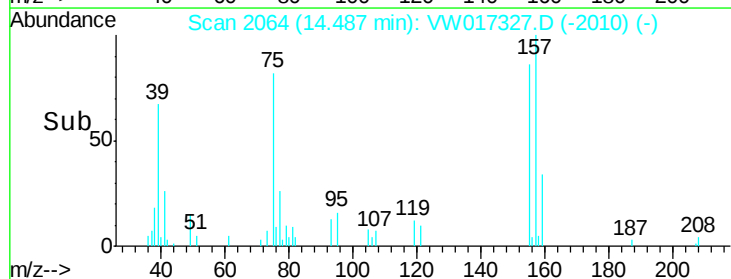
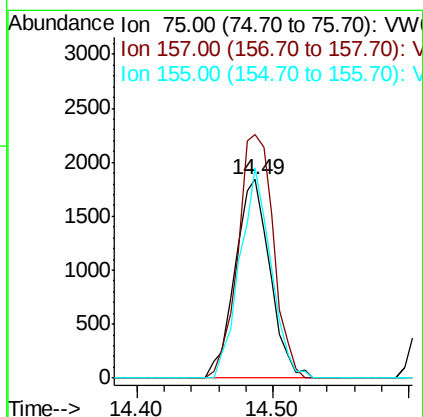
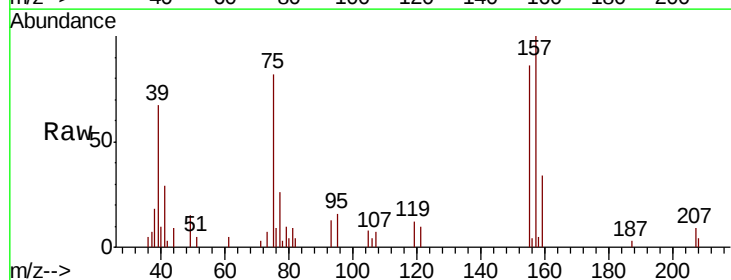
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

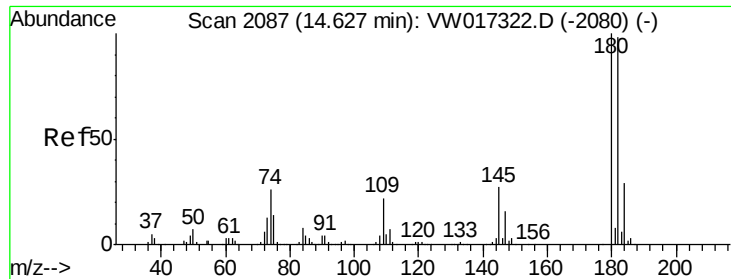
Tot Ion:146 Resp: 58853
 Ion Ratio Lower Upper
 146 100
 111 41.9 30.8 46.2
 148 63.1 49.0 73.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.764 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Tgt Ion: 75 Resp: 3283
 Ion Ratio Lower Upper
 75 100
 157 122.6 106.7 160.1
 155 105.7 70.6 106.0

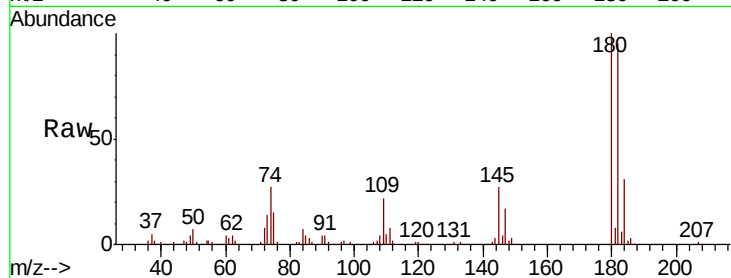




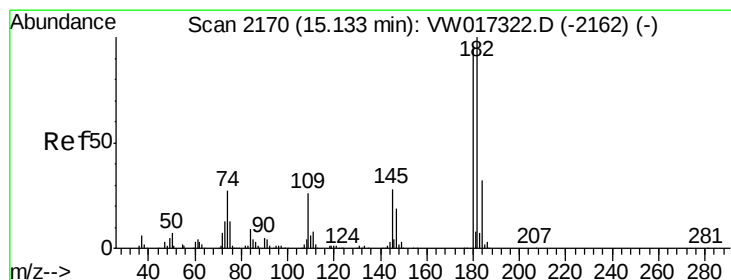
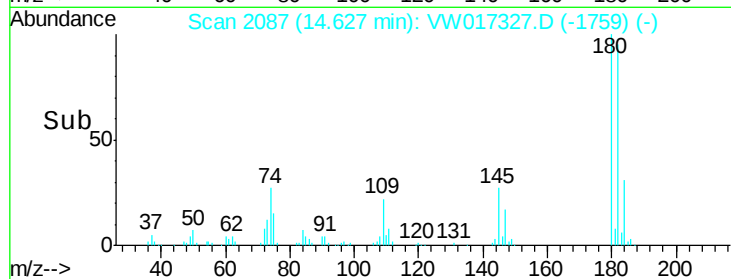
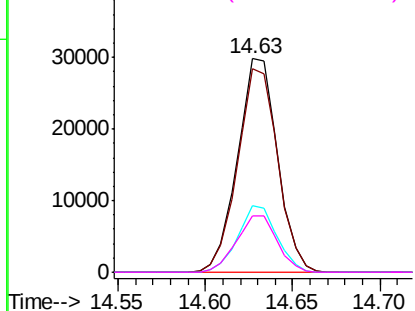
#67
 1,3,5-Trichlorobenzene
 Concen: 5.399 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

Tot Ion:180	Resp:	47339
Ion	Ratio	Lower Upper
180	100	
182	95.6	76.8 115.2
184	30.6	23.9 35.9
145	27.0	22.6 33.8

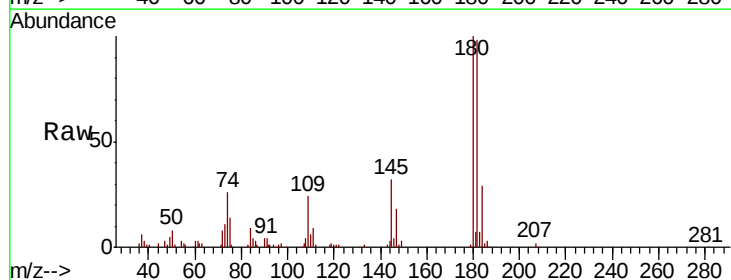


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

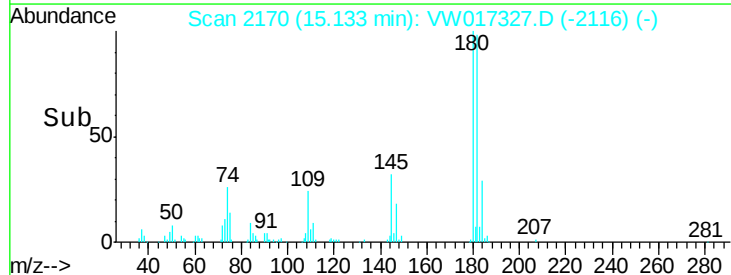
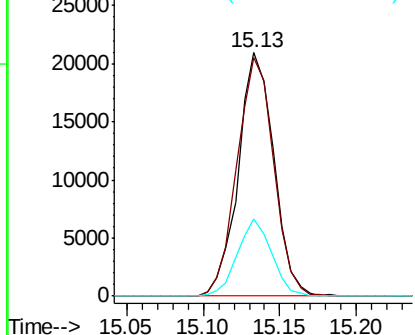


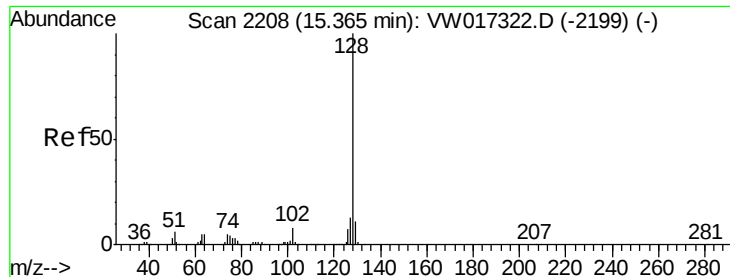
#68
 1,2,4-trichlorobenzene
 Concen: 5.031 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW017327.D
 Acq: 18 Nov 2020 14:34

Tgt Ion:180	Resp:	33893
Ion	Ratio	Lower Upper
180	100	
182	100.4	77.0 115.6
145	30.2	22.9 34.3



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: 5.263 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD00506

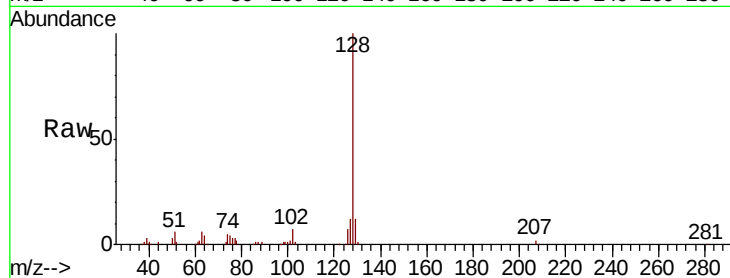
Tot Ion:128 Resp: 49260

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

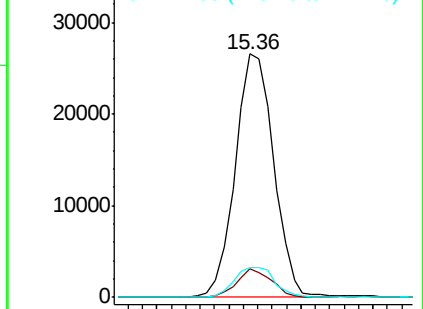
127 13.1 10.4 15.6



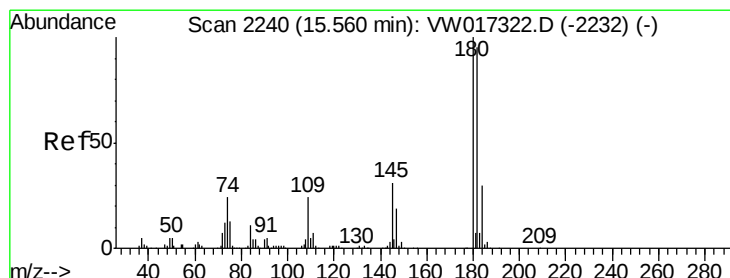
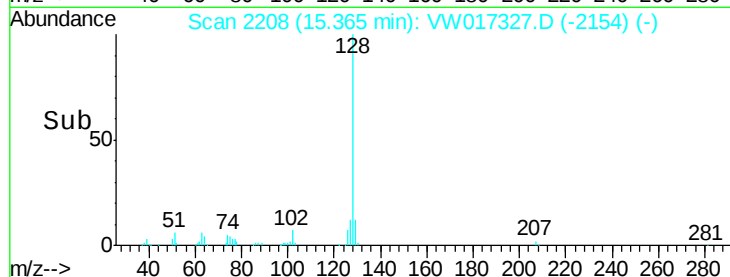
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#70

1,2,3-Trichlorobenzene

Concen: 5.440 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW017327.D

Acq: 18 Nov 2020 14:34

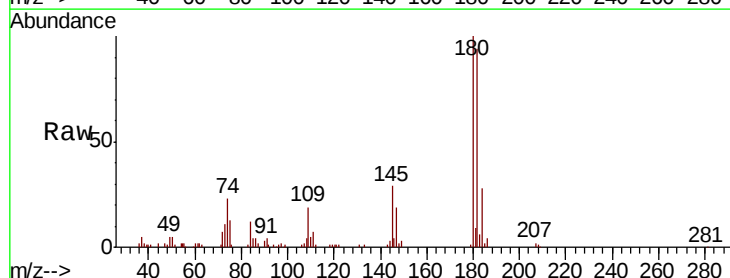
Tgt Ion:180 Resp: 31838

Ion Ratio Lower Upper

180 100

182 92.4 78.6 118.0

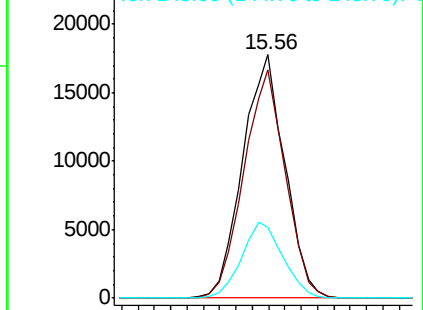
145 30.8 25.4 38.0



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



Time-->

