

Data File : VW017381.D
Acq On : 19 Nov 2020 18:54
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

Quant Time: Nov 20 01:22:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	338643	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319649	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169676	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114149	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.89	69	99689	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
10) 1,1-Dichloroethene-d2	4.02	63	203816	23.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.96%
20) 2-Butanone-d5	7.09	46	42526	51.65	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.30%
24) Chloroform-d	7.65	84	224072	25.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.76%
26) 1,2-Dichloroethane-d4	8.31	65	111205	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	437582	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
33) 1,2-Dichloropropane-d6	9.27	67	117357	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.32	98	414631	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	10.58	79	52170	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.84%
39) 2-Hexanone-d5	10.93	63	34118	53.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97047	26.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	153595	24.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.08%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	74902	23.805	ug/L	99
3) Chloromethane	2.21	50	84840	24.796	ug/L	97
5) Vinyl chloride	2.36	62	133706	26.607	ug/L	98
6) Bromomethane	2.78	94	97674	25.885	ug/L	100
8) Chloroethane	2.93	64	85505	27.186	ug/L	98
9) Trichlorofluoromethane	3.26	101	111436	24.922	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	119490	25.750	ug/L	97
12) 1,1-Dichloroethene	4.04	96	114179	25.618	ug/L	98
13) Acetone	4.17	43	28278	47.074	ug/L	96
14) Carbon disulfide	4.39	76	329329	25.157	ug/L	98
15) Methyl Acetate	4.69	43	33828	25.712	ug/L #	68
16) Methylene chloride	4.92	84	128061	22.108	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	134548	25.620	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	119157	24.980	ug/L	94
19) 1,1-Dichloroethane	6.22	63	187660	25.718	ug/L	99
21) 2-Butanone	7.19	43	42780	46.455	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	121806	25.142	ug/L	98

Data File : VW017381.D
Acq On : 19 Nov 2020 18:54
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

Quant Time: Nov 20 01:22:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

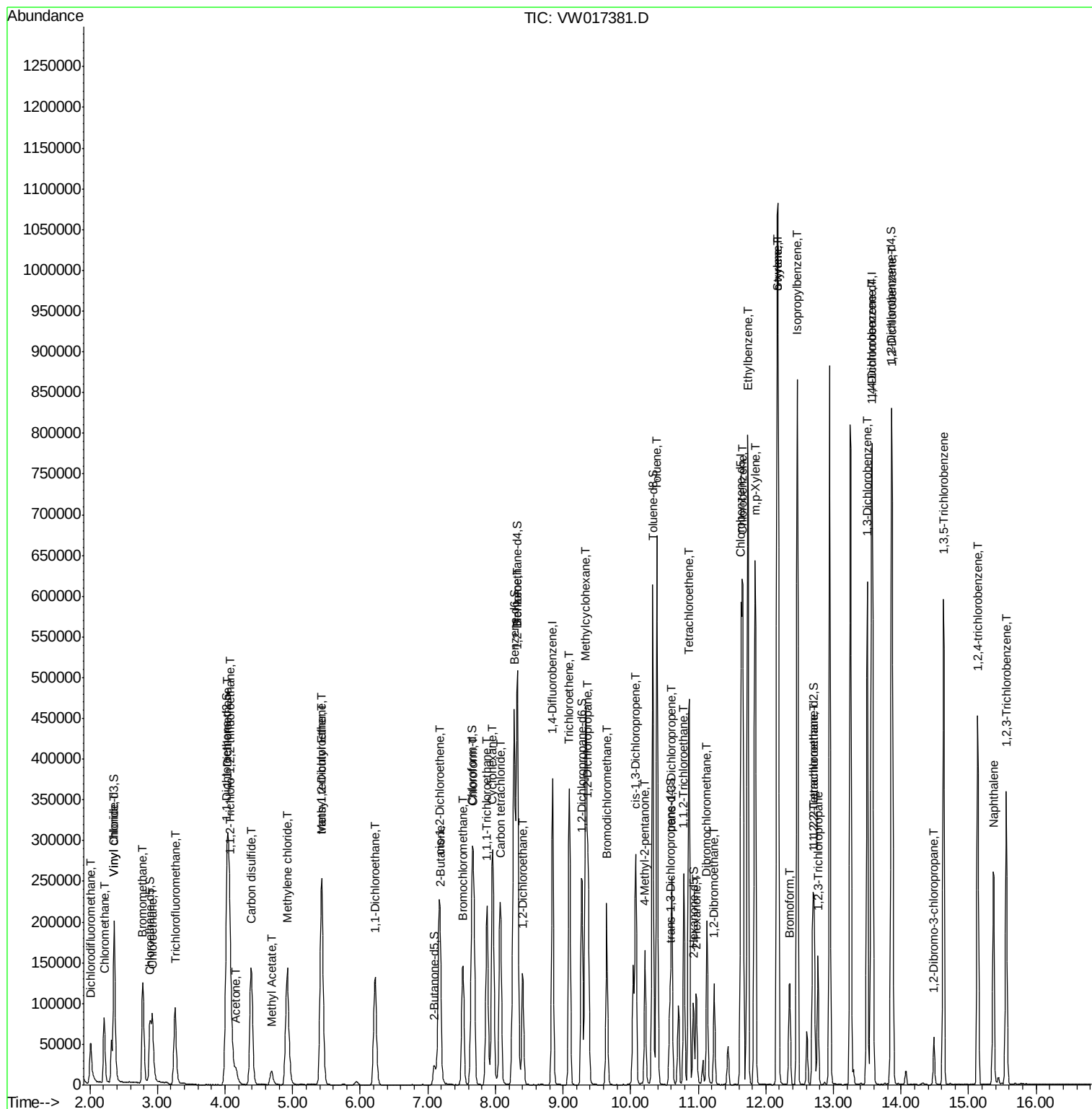
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	58326	25.659	ug/L	93
25) Chloroform	7.68	83	210899	25.843	ug/L	99
27) 1,2-Dichloroethane	8.40	62	125156	26.465	ug/L	100
30) Cyclohexane	7.96	56	157474	24.584	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	182472	24.392	ug/L	99
32) Carbon tetrachloride	8.07	117	174907	24.497	ug/L	99
34) Benzene	8.32	78	448278	24.825	ug/L	100
35) Trichloroethene	9.09	95	125076	24.486	ug/L	99
36) Methylcyclohexane	9.34	83	199946	24.499	ug/L	99
40) 1,2-Dichloropropane	9.37	63	100970	24.720	ug/L	99
41) Bromodichloromethane	9.65	83	146321	25.507	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	162466	25.628	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	97450	48.068	ug/L	100
44) Toluene	10.39	91	500970	25.010	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	139080	25.894	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	82082	25.509	ug/L	98
47) Tetrachloroethene	10.86	164	113541	24.516	ug/L	95
49) 2-Hexanone	10.97	43	64111	52.542	ug/L	99
50) Dibromochloromethane	11.13	129	109019	26.498	ug/L	100
51) 1,2-Dibromoethane	11.24	107	80260	25.427	ug/L	99
52) Chlorobenzene	11.66	112	327320	24.540	ug/L	97
53) Ethylbenzene	11.73	91	553559	24.644	ug/L	94
54) m,p-Xylene	11.84	106	215461	24.893	ug/L	88
55) o-xylene	12.17	106	208412	25.374	ug/L	99
56) Styrene	12.18	104	352188	25.865	ug/L	99
57) Isopropylbenzene	12.46	105	570629	25.369	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	92645	26.581	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	64726	25.716	ug/L	98
62) Bromoform	12.35	173	60154	25.196	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	262501	23.740	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	267476	24.516	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	239807	24.952	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	13968	26.076	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	190184	23.641	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	155089	25.120	ug/L	96
69) Naphthalene	15.36	128	235254	26.541	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	134537	24.770	ug/L	94

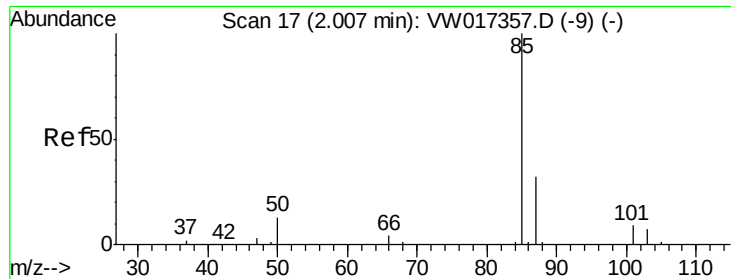
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017381.D
Acq On : 19 Nov 2020 18:54
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample Id :
VSTD02515

Quant Time: Nov 20 01:22:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 23.805 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

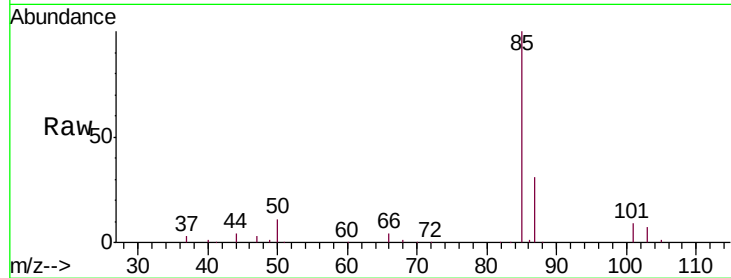
VSTD02515

Tgt Ion: 85 Resp: 74902

Ion Ratio Lower Upper

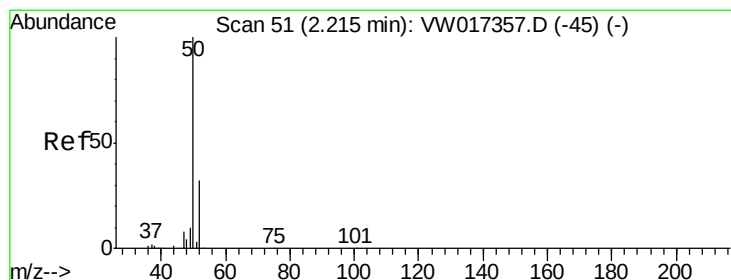
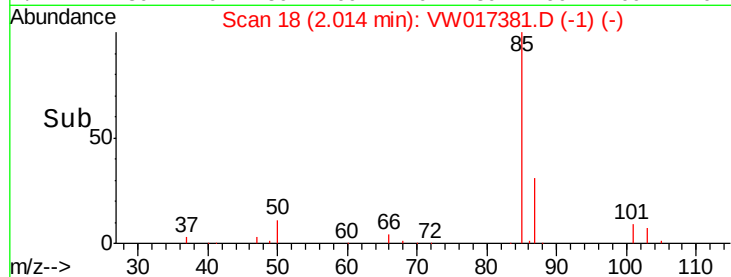
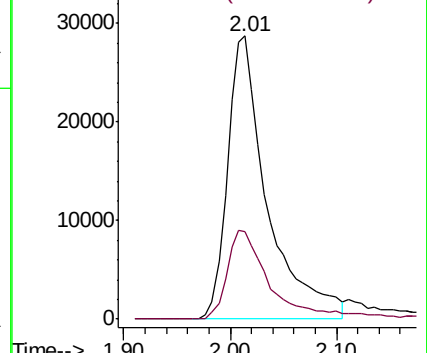
85 100

87 31.9 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: 24.796 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW017381.D

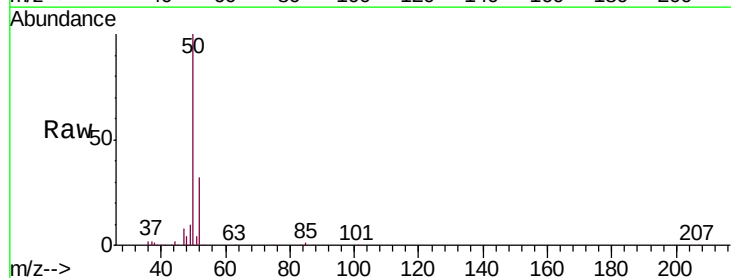
Acq: 19 Nov 2020 18:54

Tgt Ion: 50 Resp: 84840

Ion Ratio Lower Upper

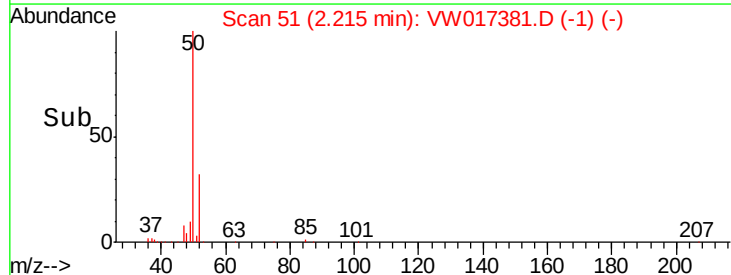
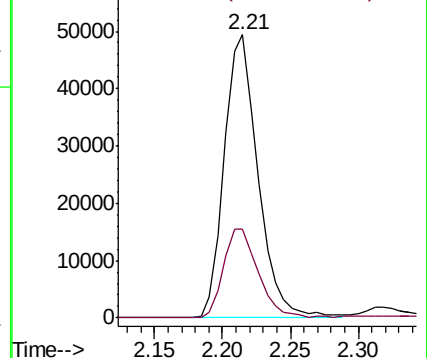
50 100

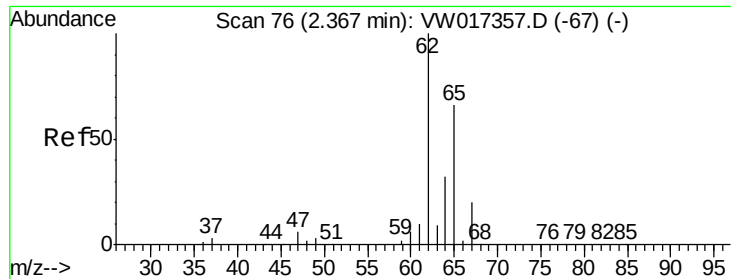
52 31.6 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 26.607 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

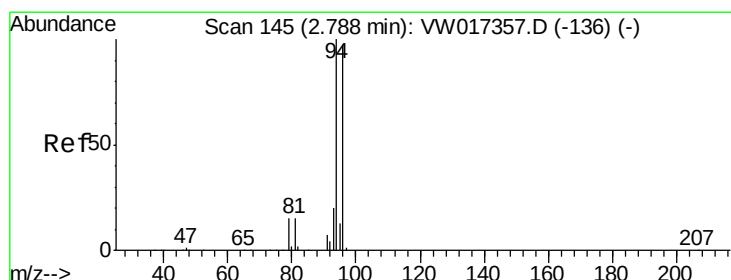
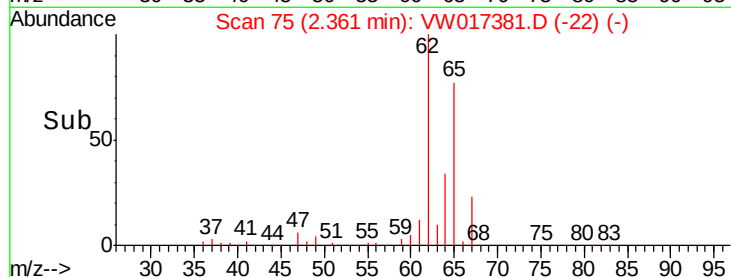
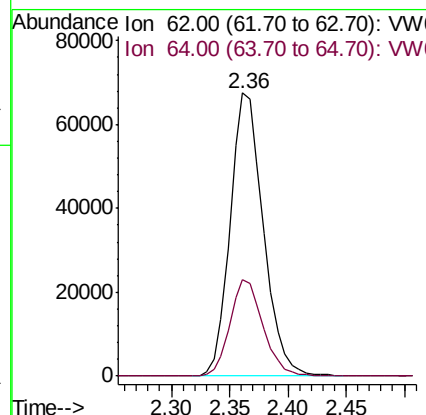
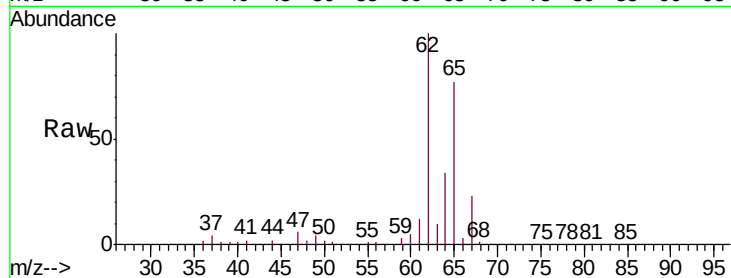
VSTD02515

Tgt Ion: 62 Resp: 133706

Ion Ratio Lower Upper

62 100

64 34.3 23.4 43.4



#6

Bromomethane

Concen: 25.885 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW017381.D

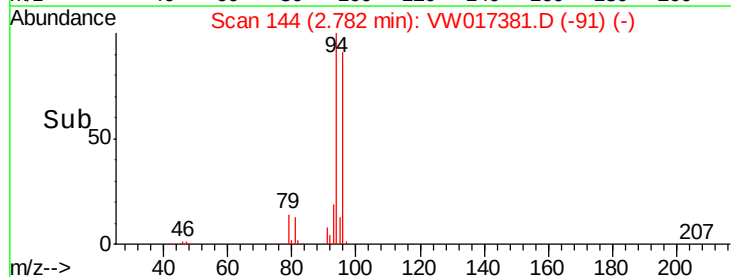
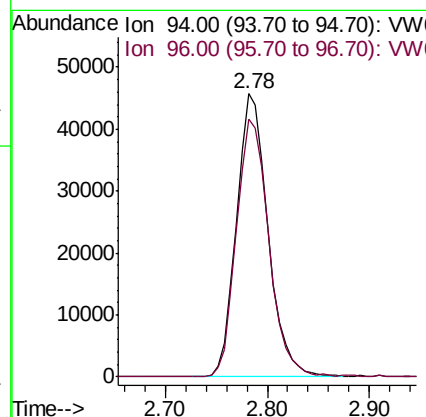
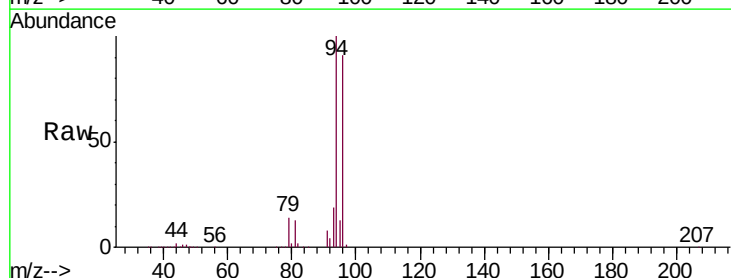
Acq: 19 Nov 2020 18:54

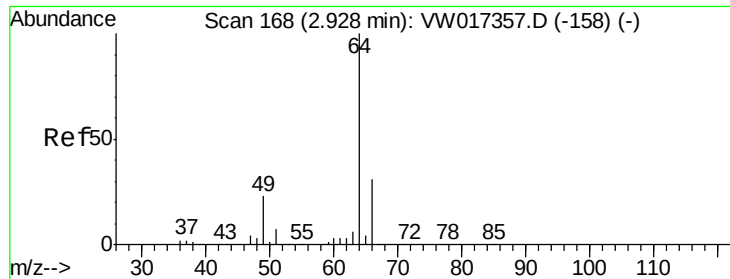
Tgt Ion: 94 Resp: 97674

Ion Ratio Lower Upper

94 100

96 93.7 9.4 178.6





#8

Chloroethane

Concen: 27.186 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

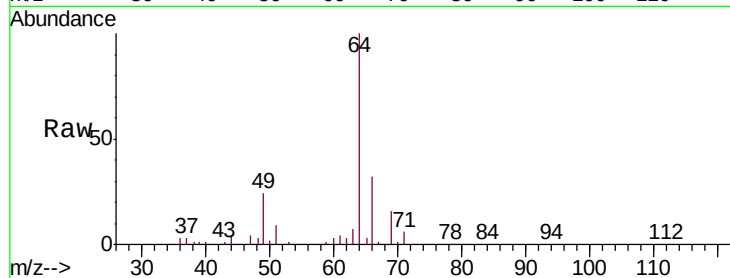
VSTD02515

Tgt Ion: 64 Resp: 85505

Ion Ratio Lower Upper

64 100

66 32.0 23.2 43.0



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW

2.93

40000

30000

20000

10000

0

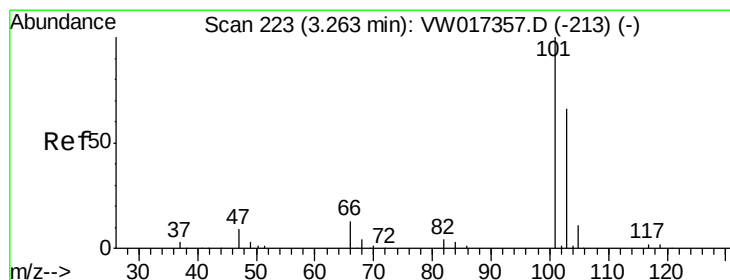
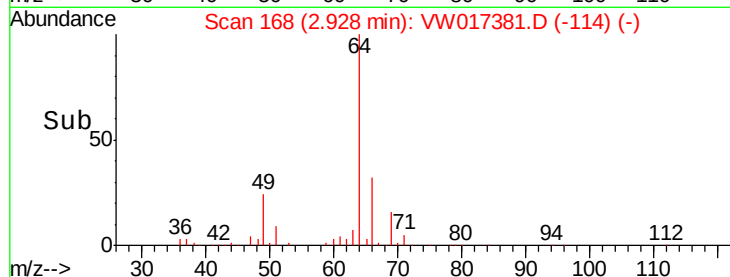
Time-->

2.80

2.90

3.00

3.10



#9

Trichlorofluoromethane

Concen: 24.922 ug/L

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

Lab File: VW017381.D

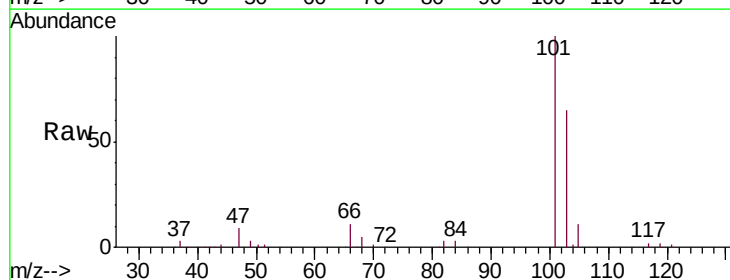
Acq: 19 Nov 2020 18:54

Tgt Ion: 101 Resp: 111436

Ion Ratio Lower Upper

101 100

103 66.3 45.8 85.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

50000

40000

30000

20000

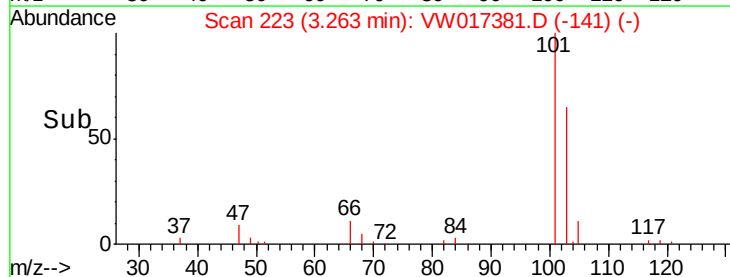
10000

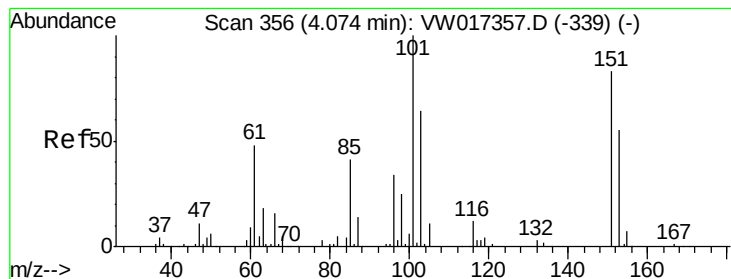
0

Time-->

3.20

3.30





#11

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

Concen: 25.750 ug/L

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02515

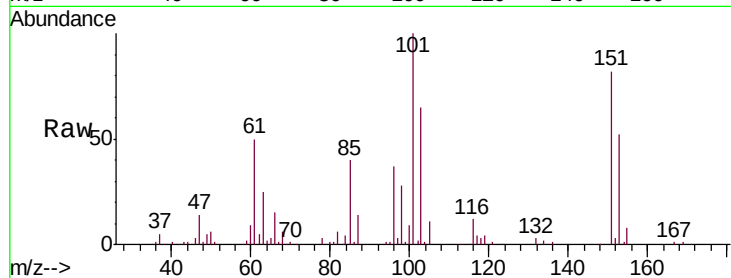
Tgt Ion: 101 Resp: 119490

Ion Ratio Lower Upper

101 100

85 42.6 34.6 51.8

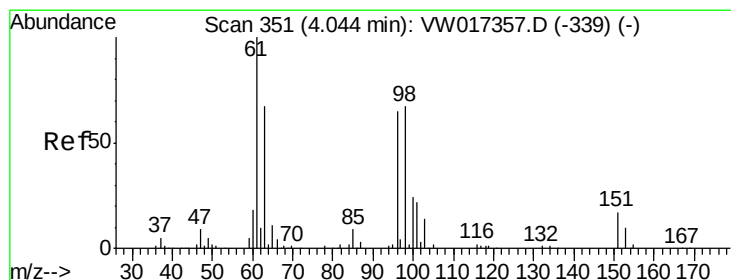
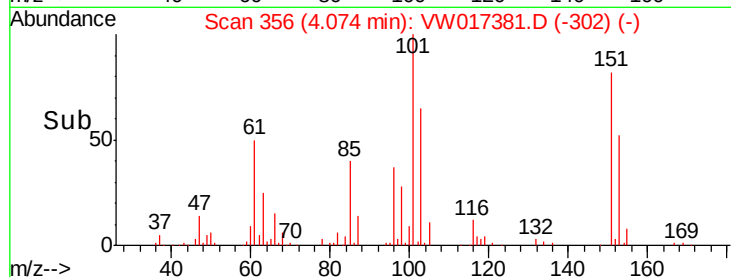
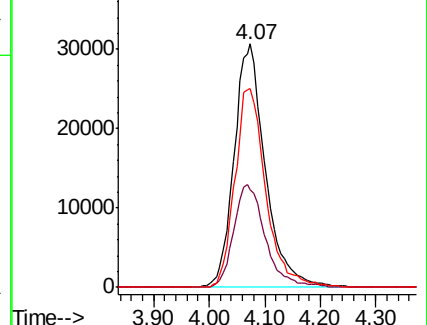
151 79.9 66.3 99.5



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: 25.618 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

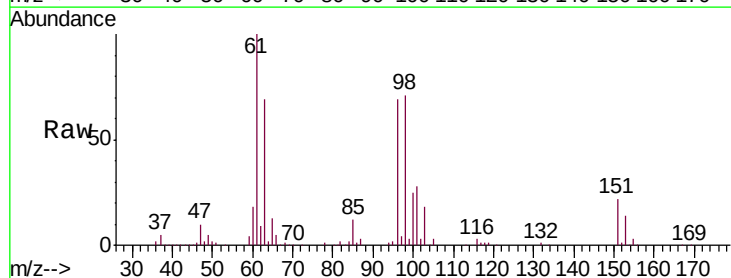
Tgt Ion: 96 Resp: 114179

Ion Ratio Lower Upper

96 100

61 144.6 104.7 194.4

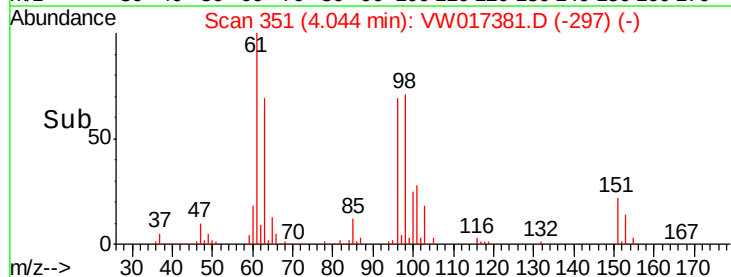
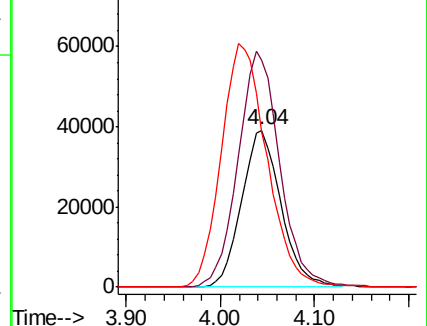
63 99.4 69.6 129.2

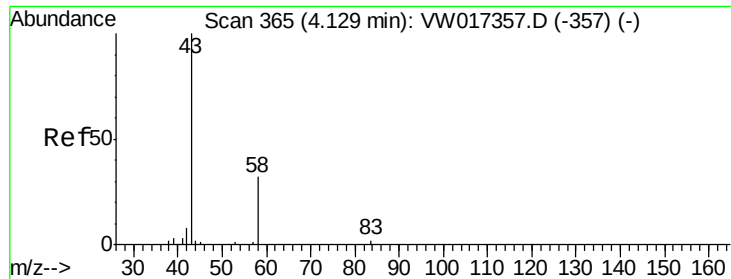


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 47.074 ug/L

RT: 4.17 min Scan# 371

Delta R.T. 0.04 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

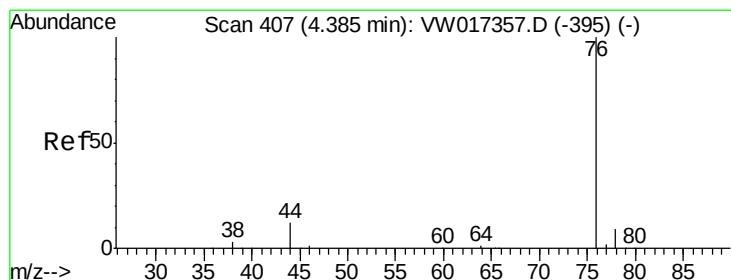
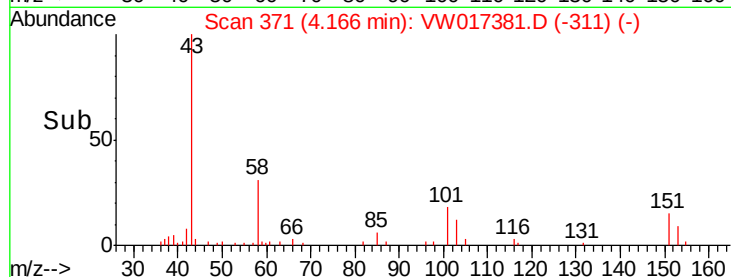
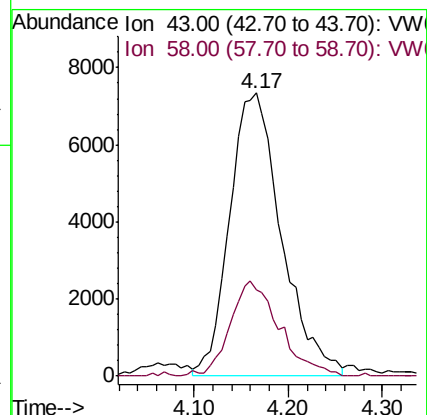
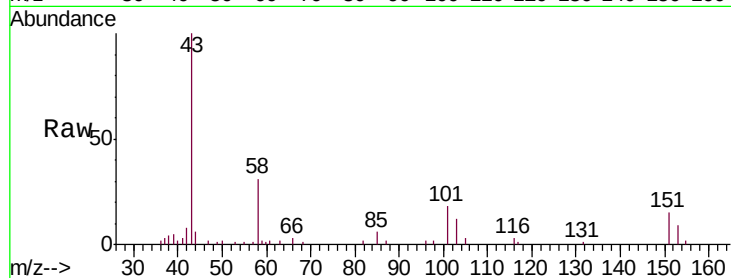
VSTD02515

Tgt Ion: 43 Resp: 28278

Ion Ratio Lower Upper

43 100

58 31.4 0.0 67.0



#14

Carbon disulfide

Concen: 25.157 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017381.D

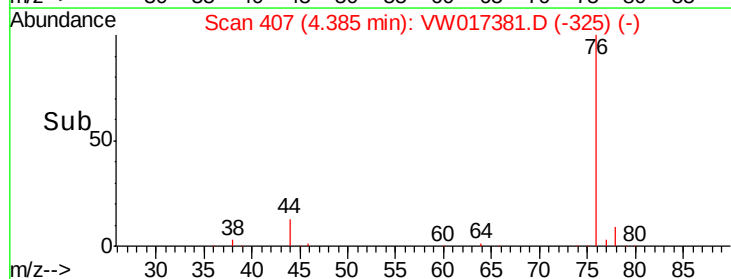
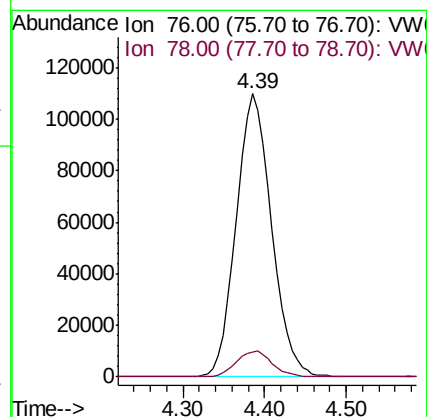
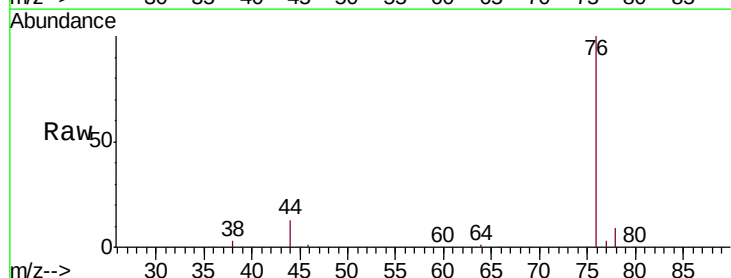
Acq: 19 Nov 2020 18:54

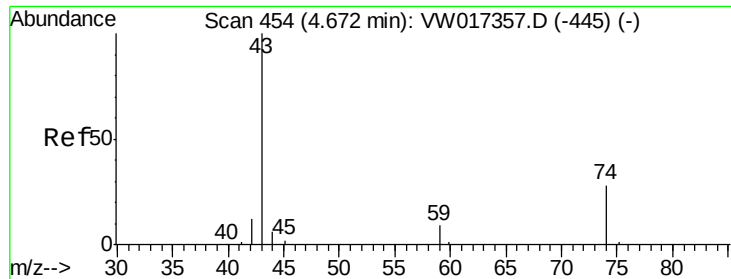
Tgt Ion: 76 Resp: 329329

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.6

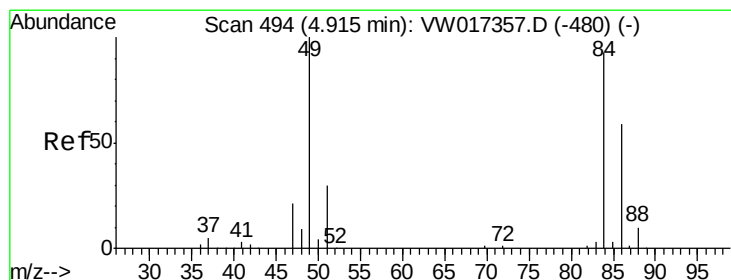
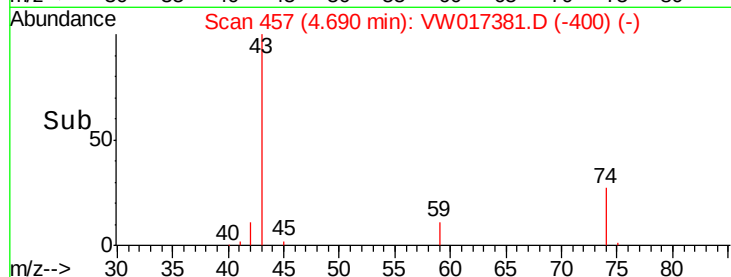
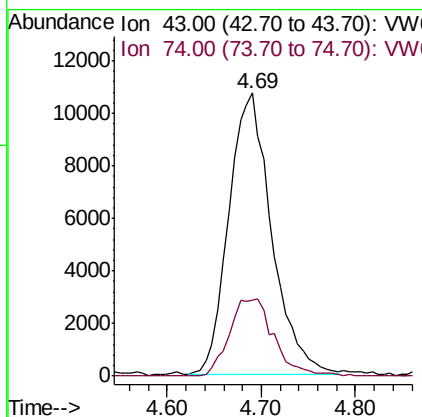
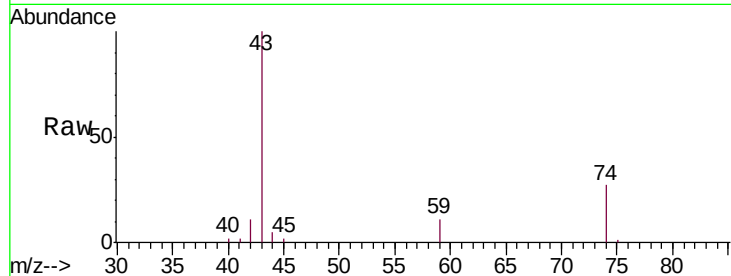




#15
Methyl Acetate
Concen: 25.712 ug/L
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

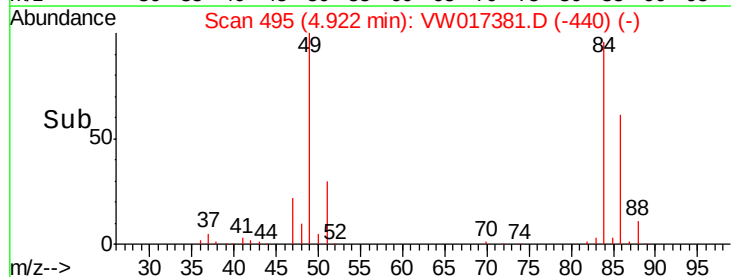
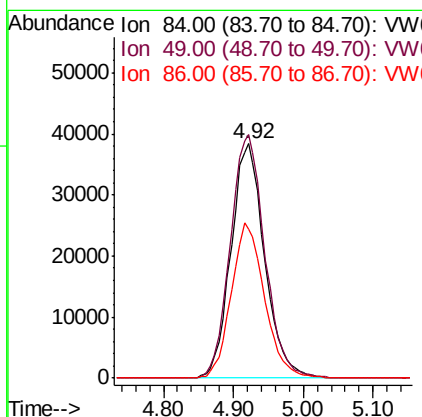
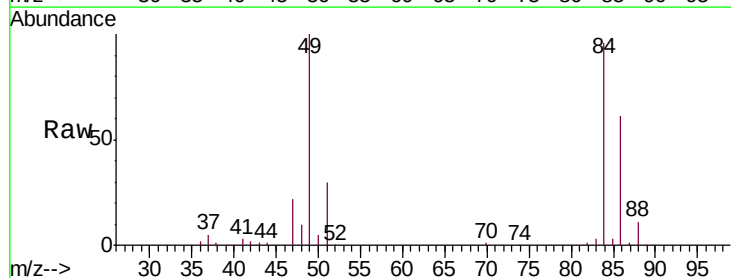
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

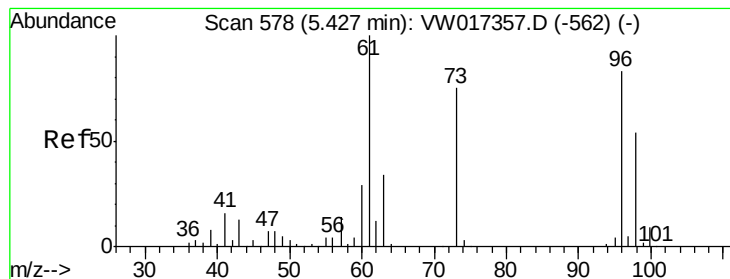
Tgt Ion: 43 Resp: 33828
Ion Ratio Lower Upper
43 100
74 12.5 23.7 35.5#



#16
Methylene chloride
Concen: 22.108 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

Tgt Ion: 84 Resp: 128061
Ion Ratio Lower Upper
84 100
49 104.0 71.5 132.9
86 63.8 42.8 79.4





#17

Methyl tert-butyl Ether

Concen: 25.620 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02515

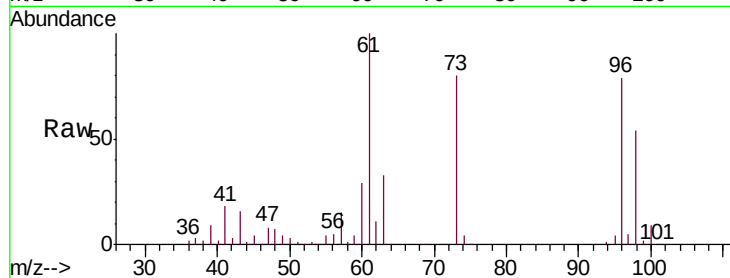
Tgt Ion: 73 Resp: 134548

Ion Ratio Lower Upper

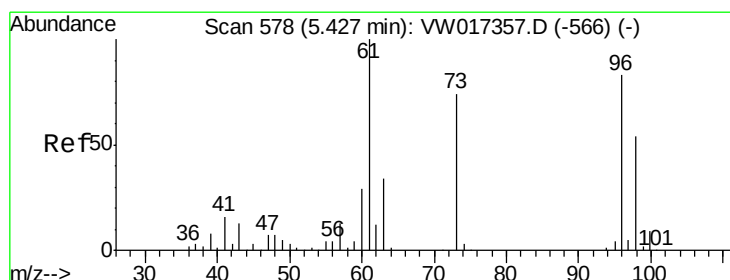
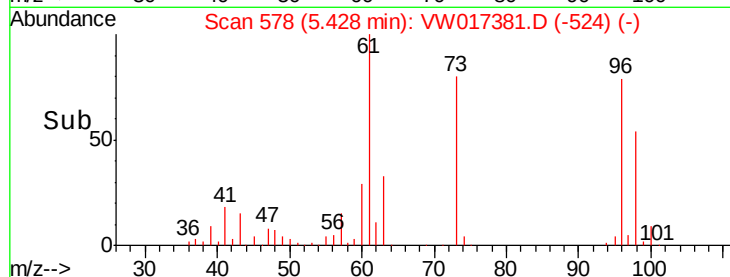
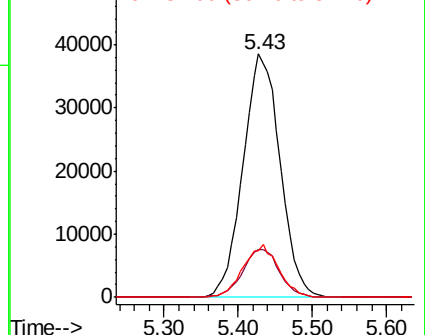
73 100

43 19.8 15.7 23.5

57 20.6 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: 24.980 ug/L

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

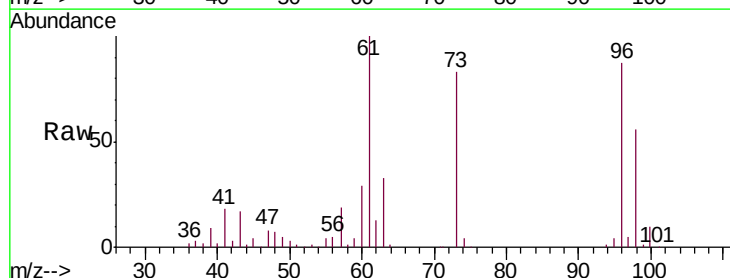
Tgt Ion: 96 Resp: 119157

Ion Ratio Lower Upper

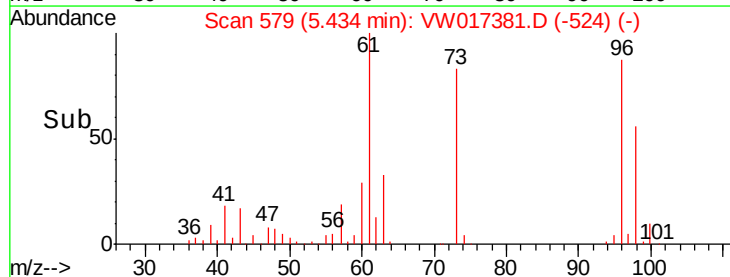
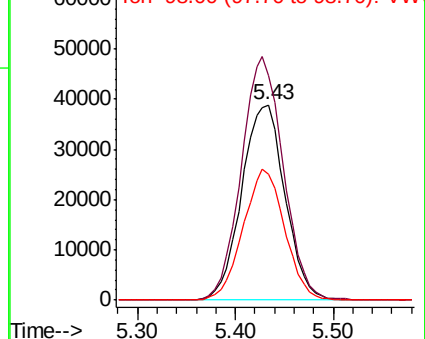
96 100

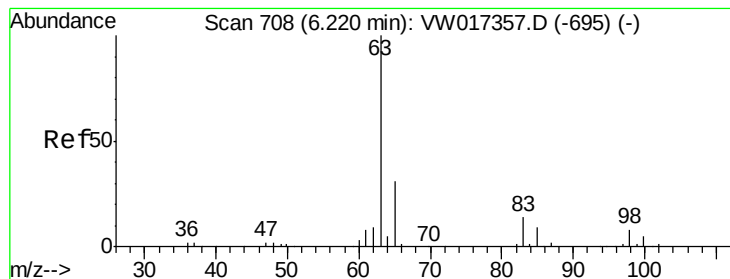
61 114.9 84.3 156.5

98 64.4 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: 25.718 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02515

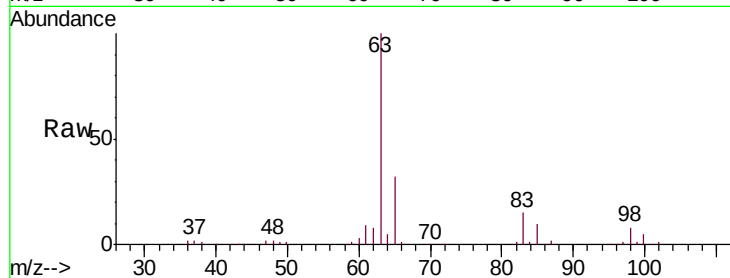
Tgt Ion: 63 Resp: 187660

Ion Ratio Lower Upper

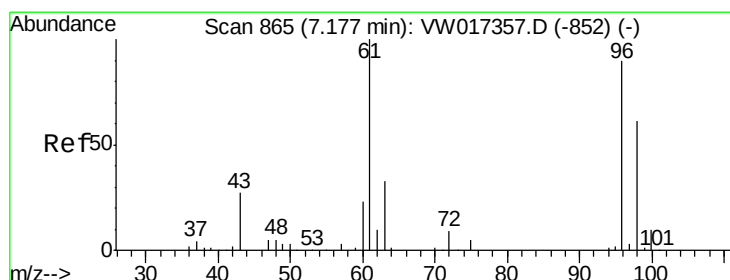
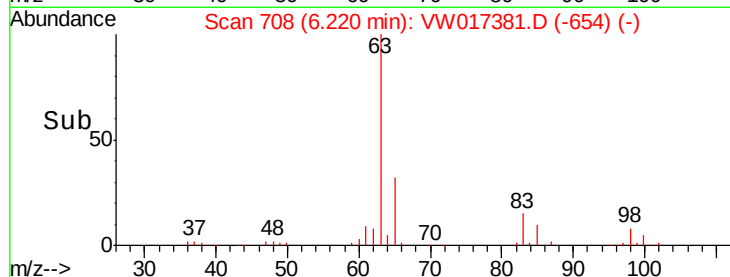
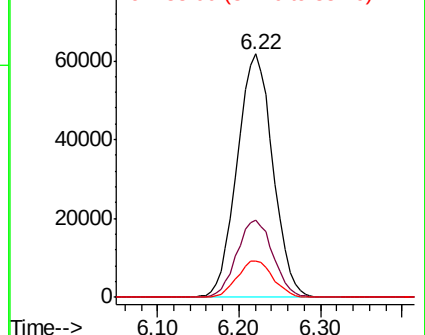
63 100

65 31.8 22.3 41.5

83 15.1 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: 46.455 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW017381.D

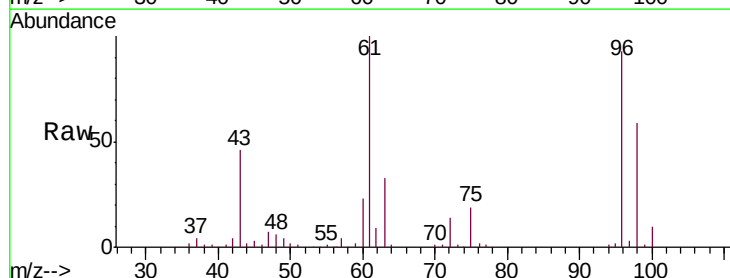
Acq: 19 Nov 2020 18:54

Tgt Ion: 43 Resp: 42780

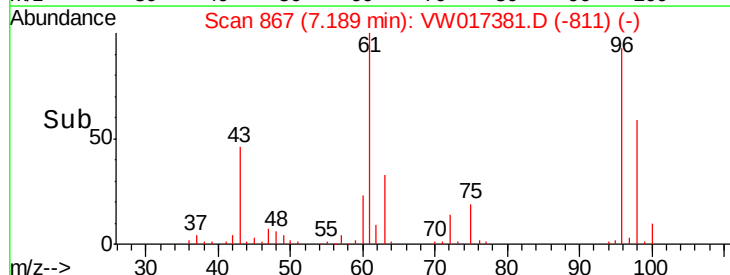
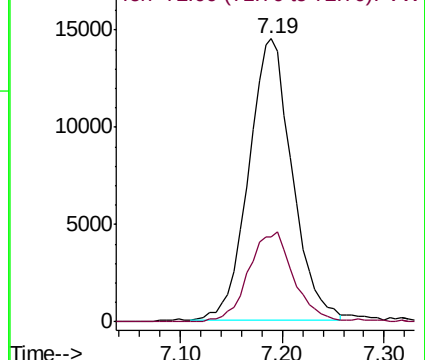
Ion Ratio Lower Upper

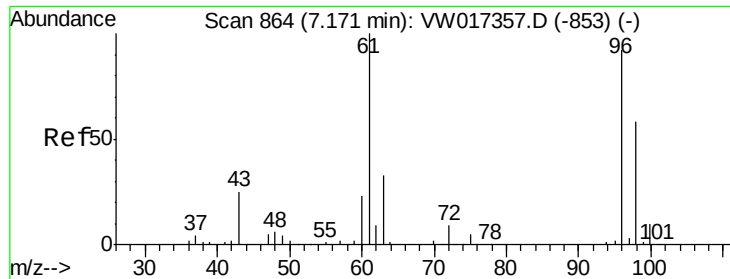
43 100

72 33.1 16.4 49.1



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



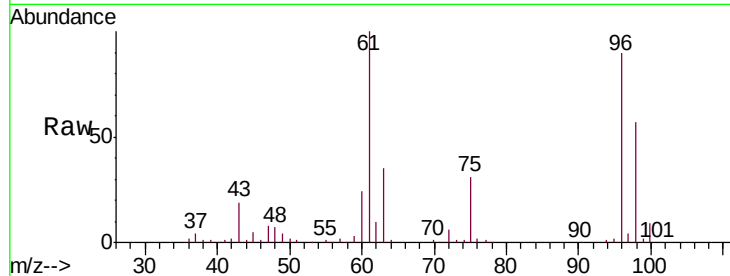


#22

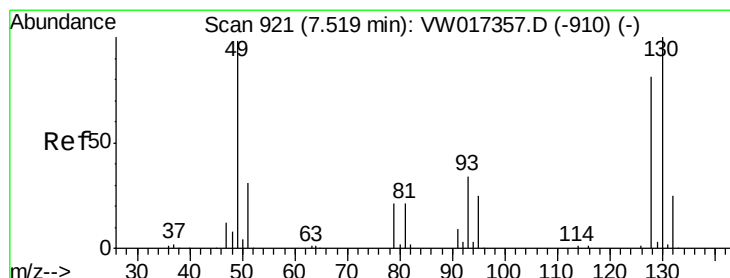
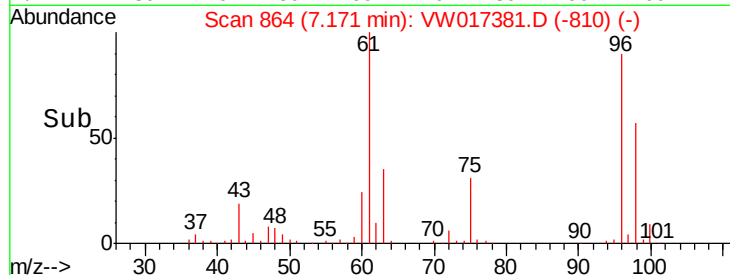
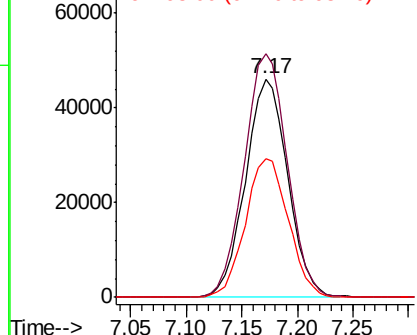
cis-1,2-Dichloroethene
Concen: 25.142 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

Tgt Ion: 96 Resp: 121806
Ion Ratio Lower Upper
96 100
61 111.5 76.1 141.3
98 63.7 44.7 82.9



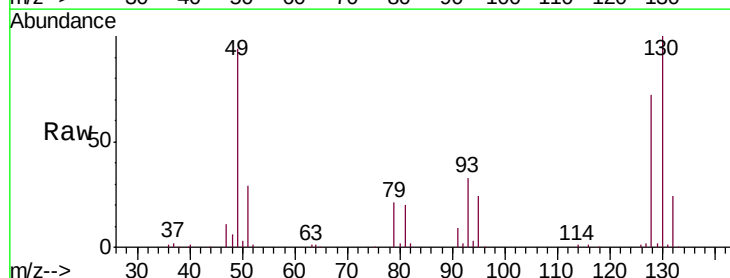
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



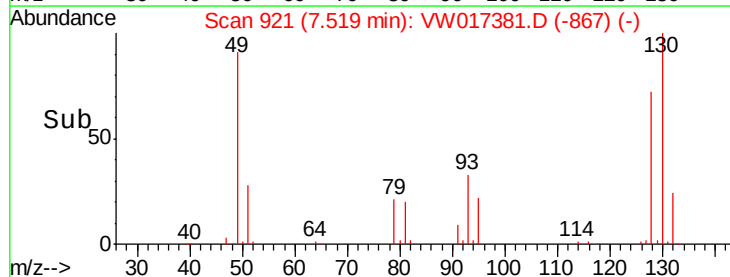
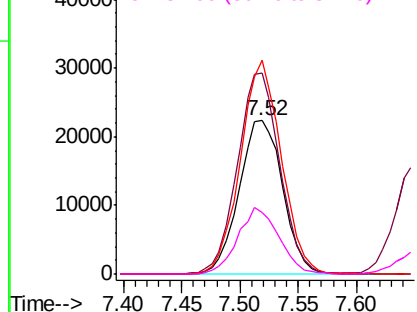
#23

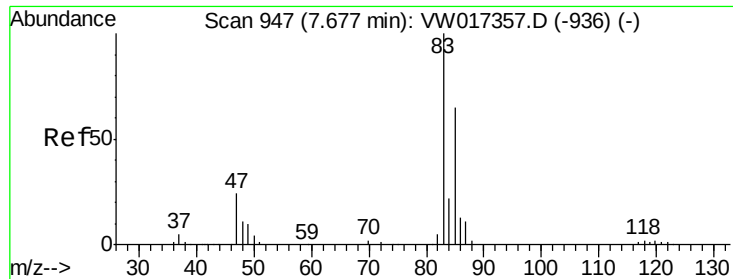
Bromochloromethane
Concen: 25.659 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

Tgt Ion: 128 Resp: 58326
Ion Ratio Lower Upper
128 100
49 131.4 85.5 158.7
130 139.5 91.5 169.9
51 39.8 32.8 49.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VW

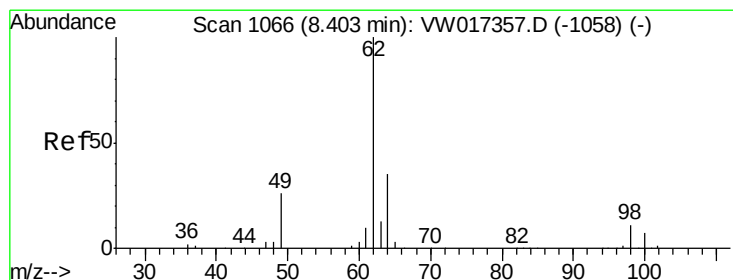
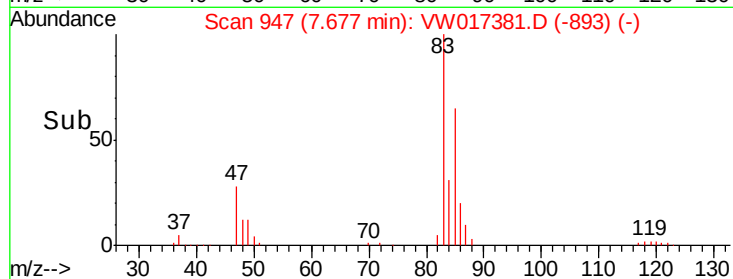
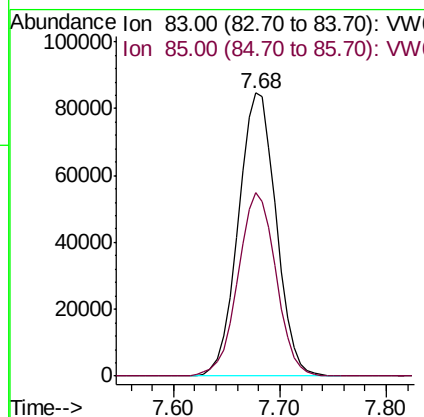
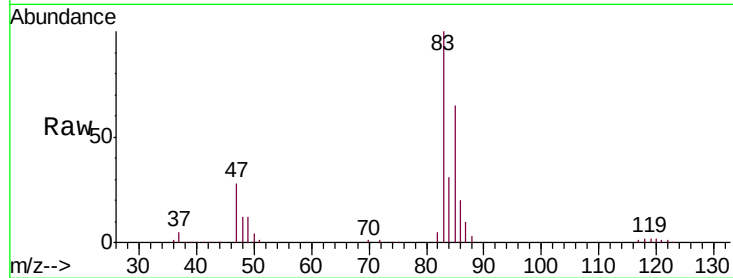




#25
Chloroform
Concen: 25.843 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

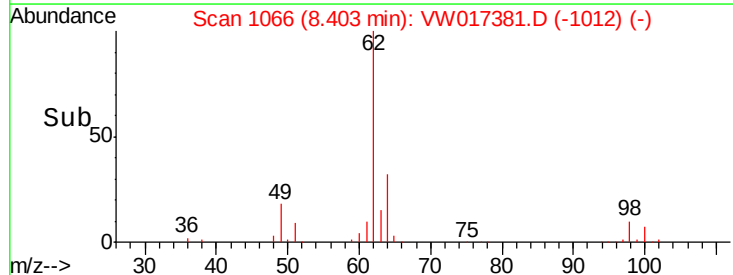
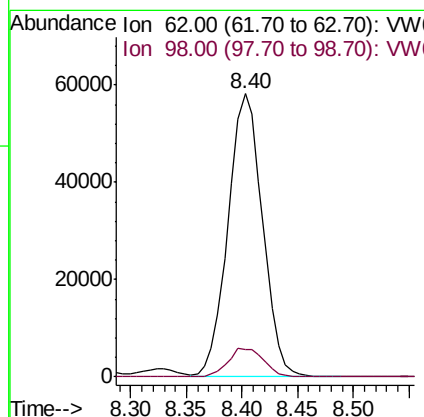
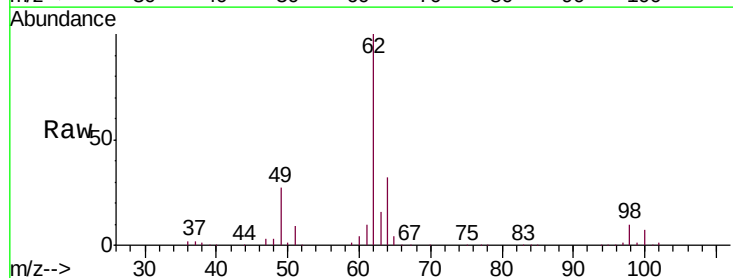
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

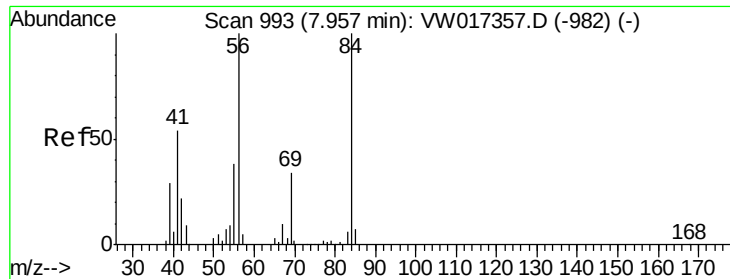
Tgt Ion: 83 Resp: 210899
Ion Ratio Lower Upper
83 100
85 65.1 46.1 85.5



#27
1,2-Dichloroethane
Concen: 26.465 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

Tgt Ion: 62 Resp: 125156
Ion Ratio Lower Upper
62 100
98 9.7 7.7 11.5

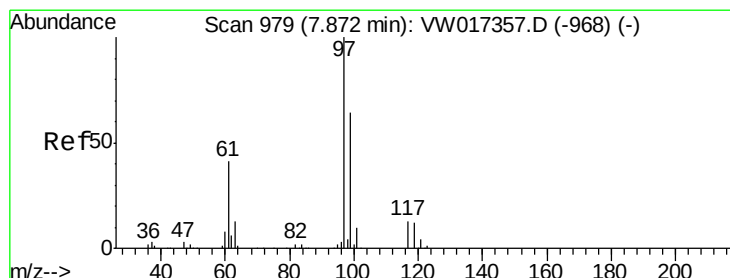
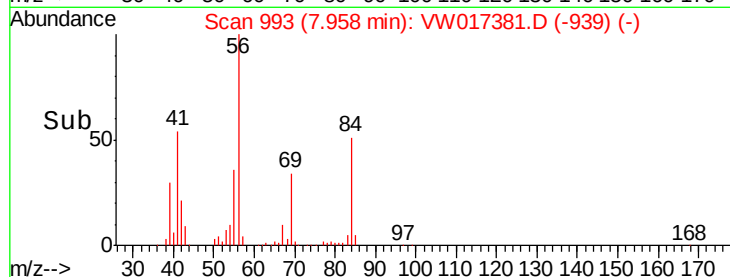
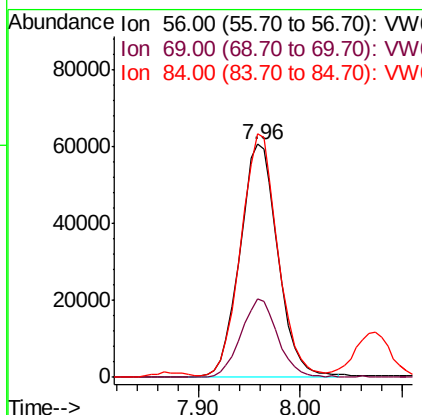
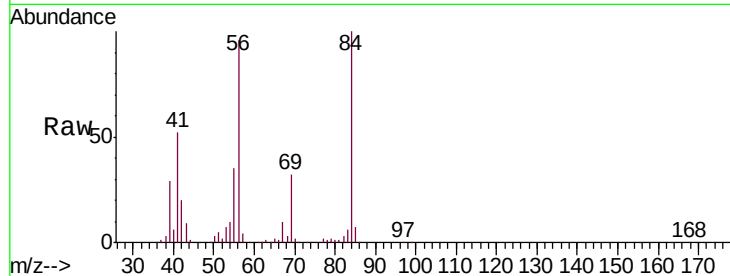




#30
Cyclohexane
Concen: 24.584 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

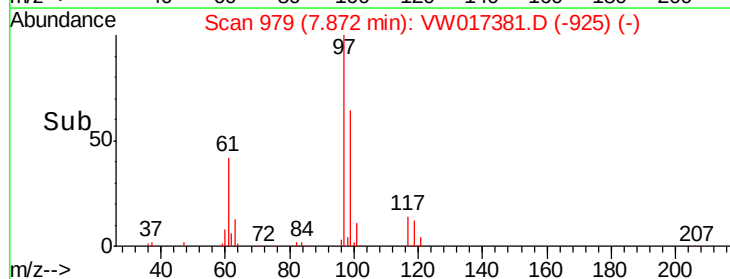
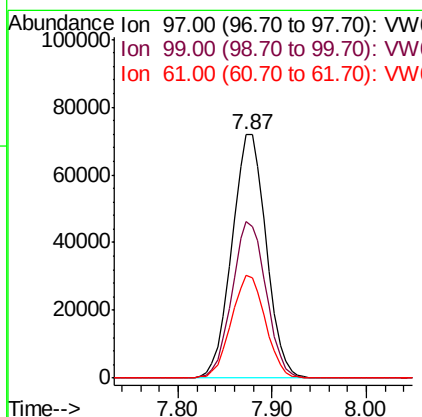
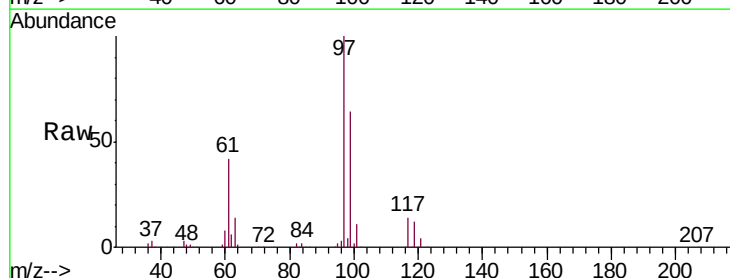
Instrument :
MSVOA_W
ClientSampled :
VSTD02515

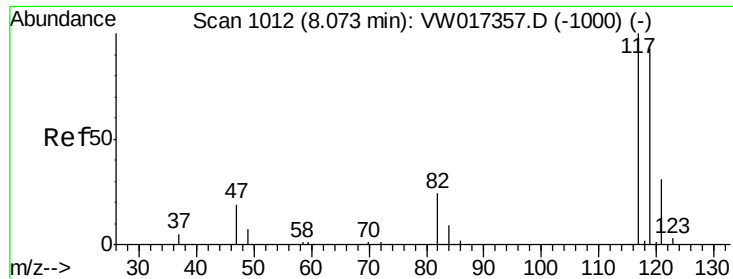
Tgt Ion: 56 Resp: 157474
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.6
84 101.6 82.2 123.4



#31
1,1,1-Trichloroethane
Concen: 24.392 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

Tgt Ion: 97 Resp: 182472
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 41.9 32.7 49.1





#32

Carbon tetrachloride

Concen: 24.497 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

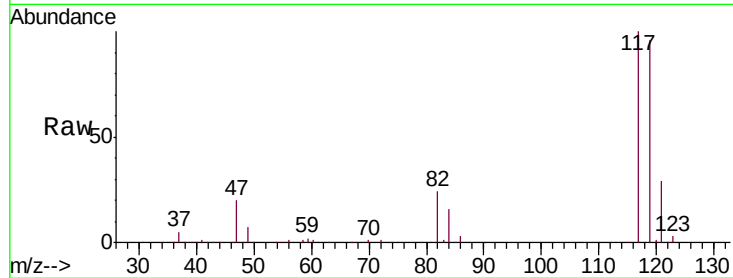
VSTD02515

Tgt Ion:117 Resp: 174907

Ion Ratio Lower Upper

117 100

119 96.2 77.8 116.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

60000

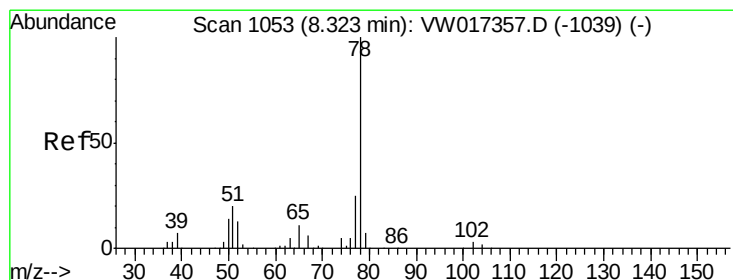
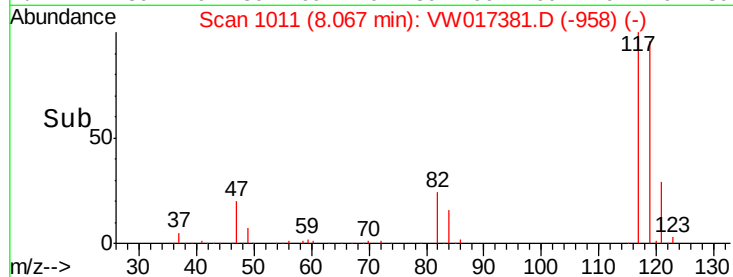
40000

20000

0

8.00 8.10 8.20

Time-->



#34

Benzene

Concen: 24.825 ug/L

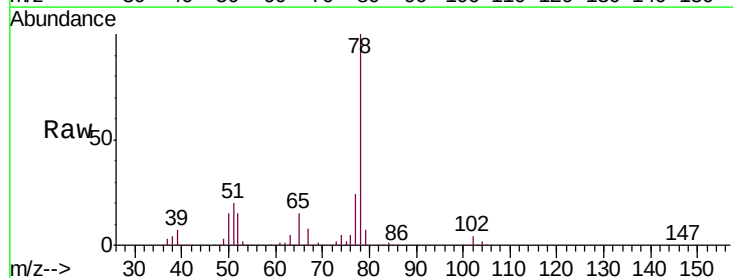
RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Tgt Ion: 78 Resp: 448278



Abundance Ion 78.00 (77.70 to 78.70): VW

8.32

200000

150000

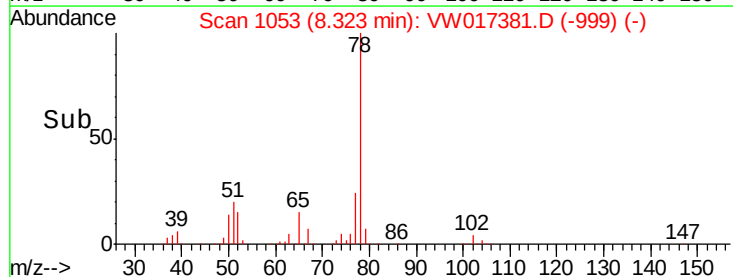
100000

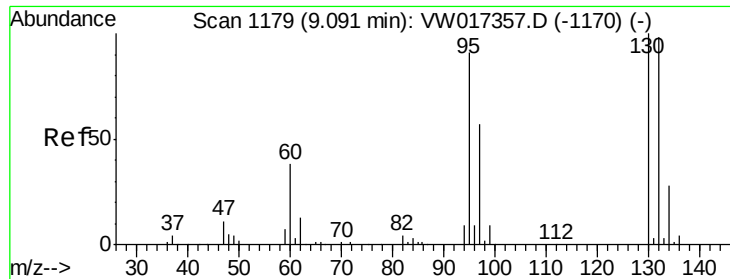
50000

0

8.20 8.30 8.40

Time-->





#35

Trichloroethene

Concen: 24.486 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02515

Tgt Ion: 95 Resp: 125076

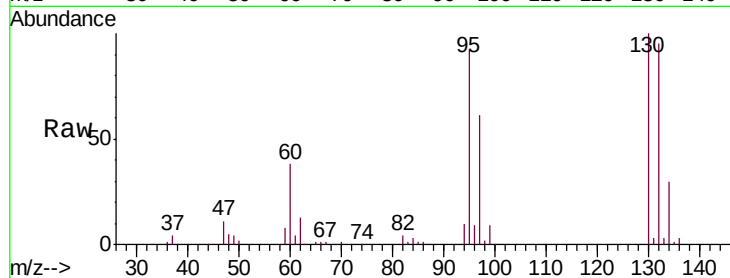
Ion Ratio Lower Upper

95 100

97 64.8 44.7 82.9

132 103.6 72.7 134.9

130 109.3 76.1 141.3

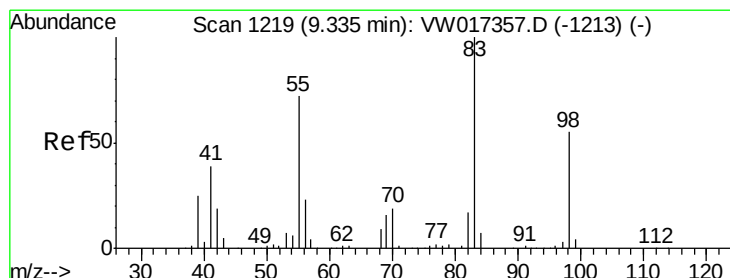
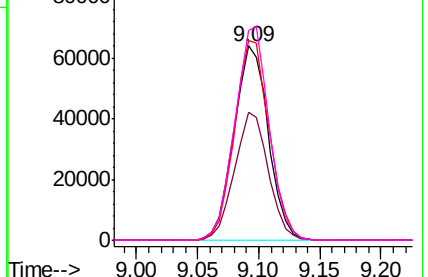
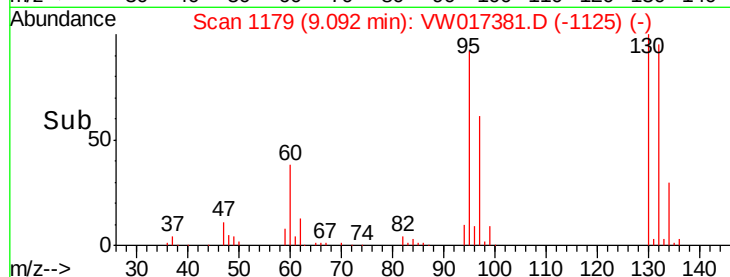


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.499 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

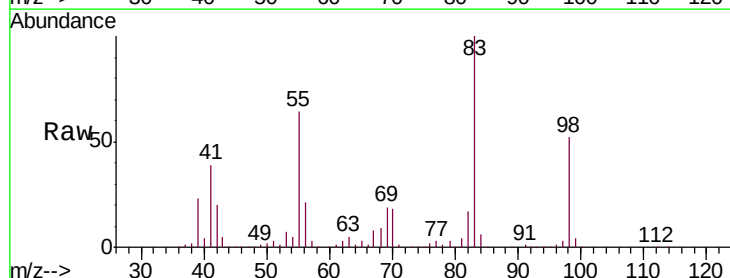
Tgt Ion: 83 Resp: 199946

Ion Ratio Lower Upper

83 100

55 67.8 54.6 81.8

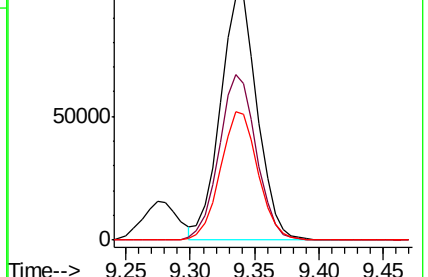
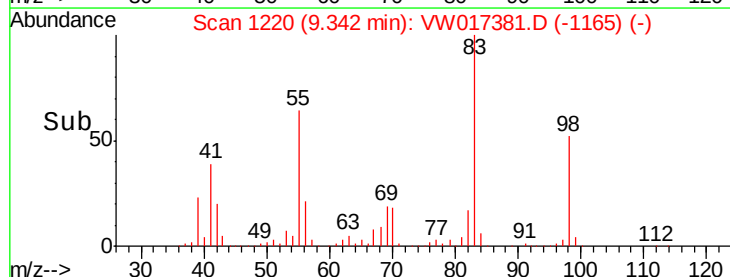
98 53.1 41.5 62.3

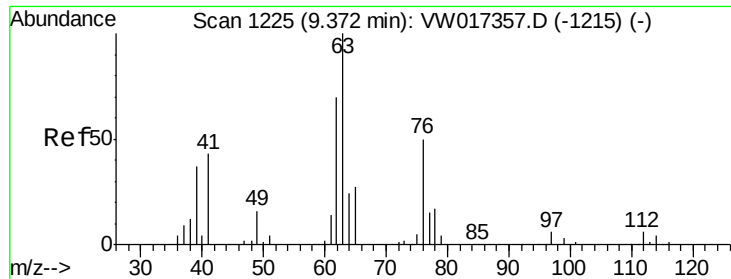


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

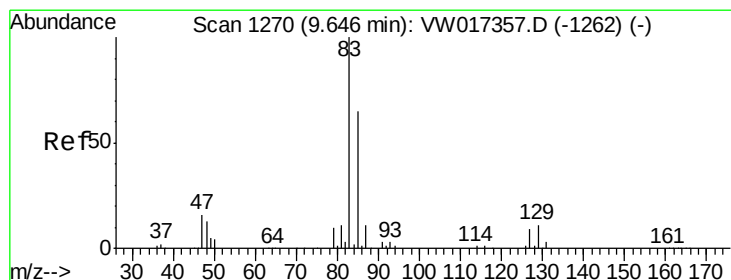
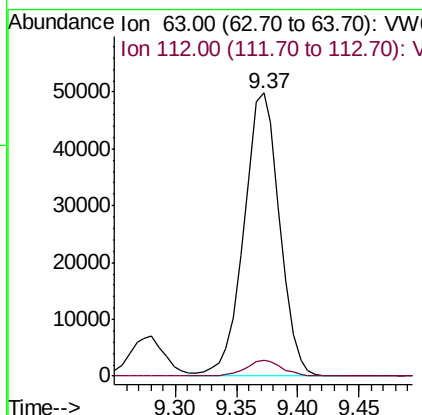
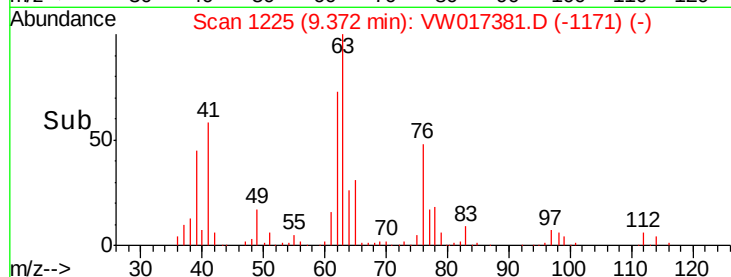
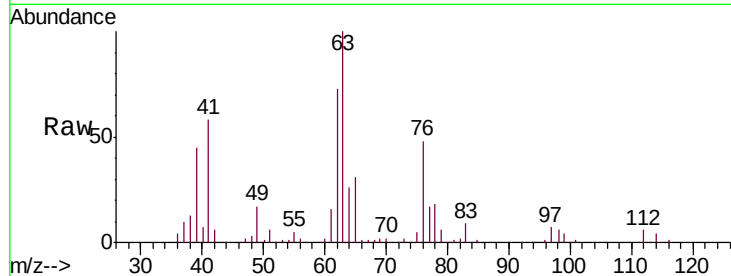




#40
 1,2-Dichloropropane
 Concen: 24.720 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

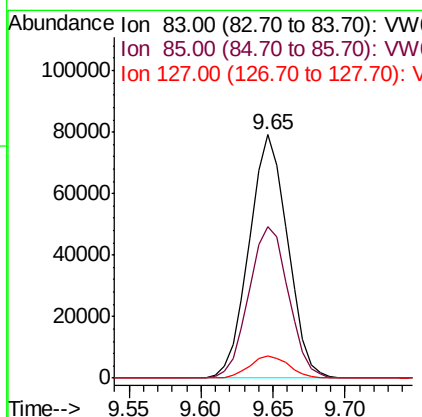
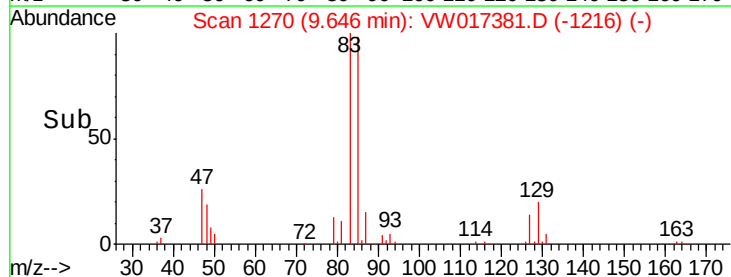
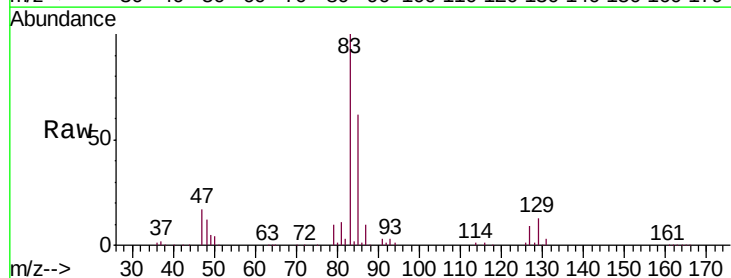
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

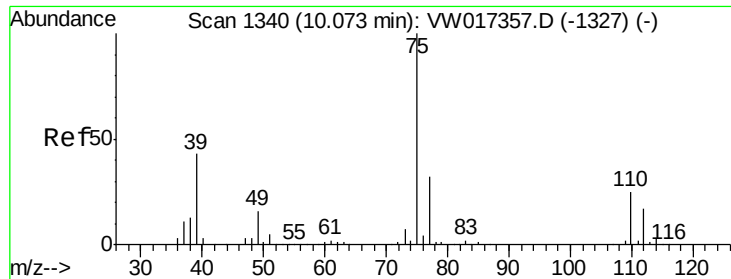
Tgt Ion: 63 Resp: 100970
 Ion Ratio Lower Upper
 63 100
 112 5.7 4.2 6.4



#41
 Bromodichloromethane
 Concen: 25.507 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

Tgt Ion: 83 Resp: 146321
 Ion Ratio Lower Upper
 83 100
 85 62.0 44.1 81.9
 127 9.1 7.3 10.9





#42

cis-1,3-Dichloropropene

Concen: 25.628 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampled :

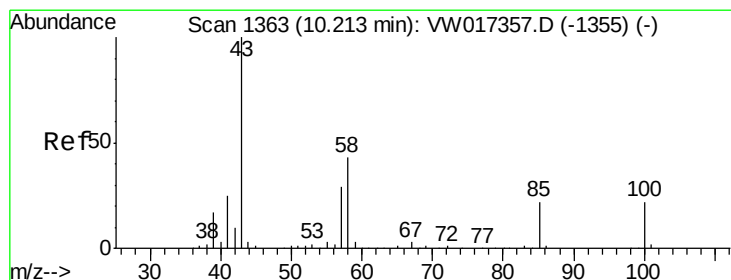
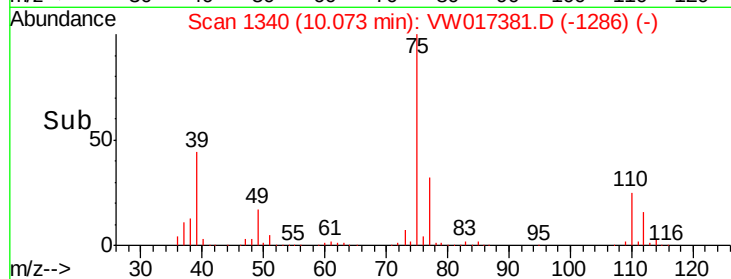
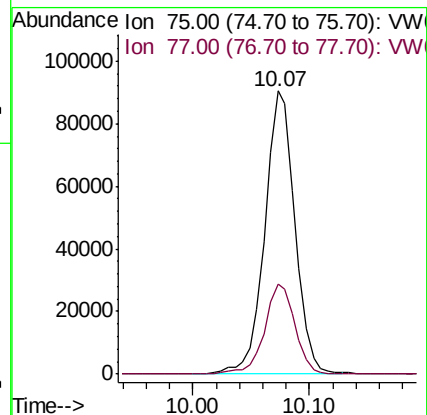
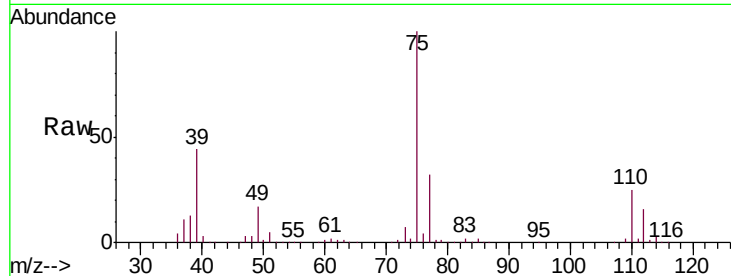
VSTD02515

Tgt Ion: 75 Resp: 162466

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4



#43

4-Methyl-2-pentanone

Concen: 48.068 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

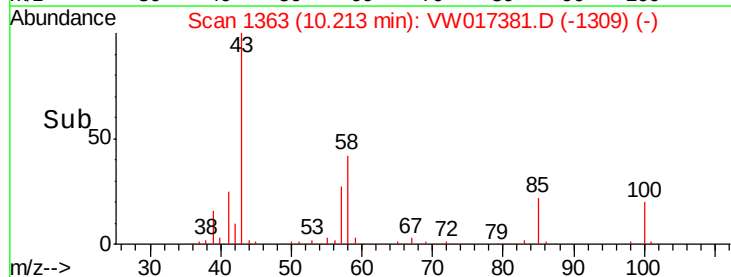
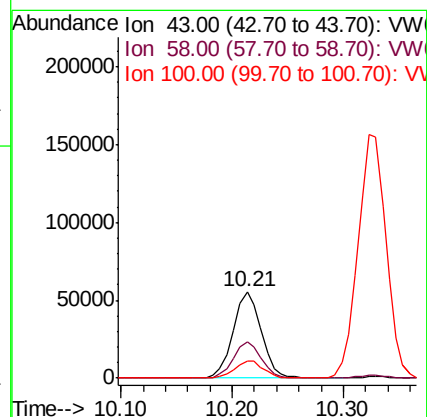
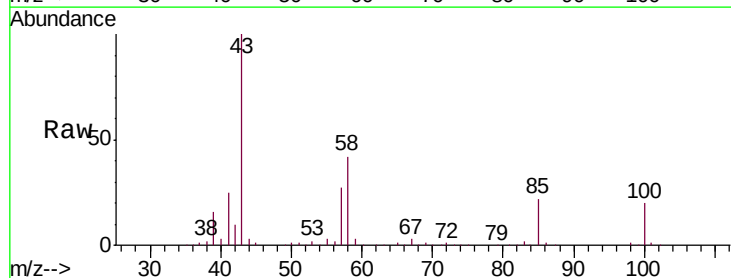
Tgt Ion: 43 Resp: 97450

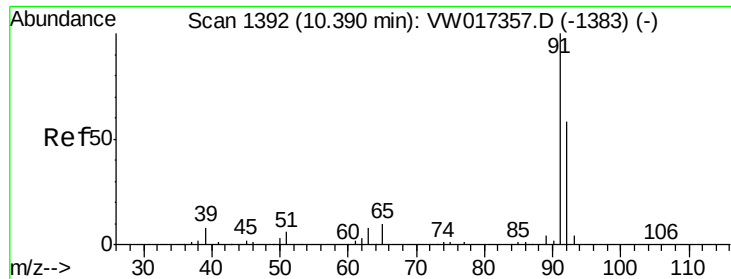
Ion Ratio Lower Upper

43 100

58 41.6 33.4 50.2

100 20.2 16.3 24.5





#44

Toluene

Concen: 25.010 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

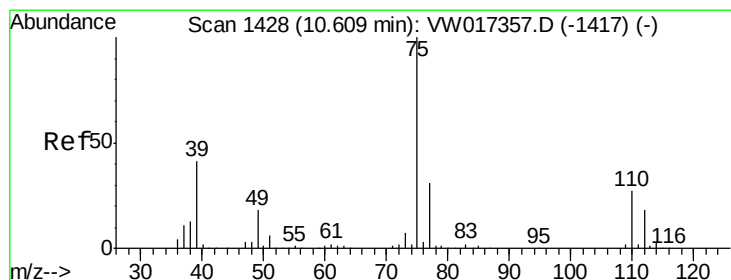
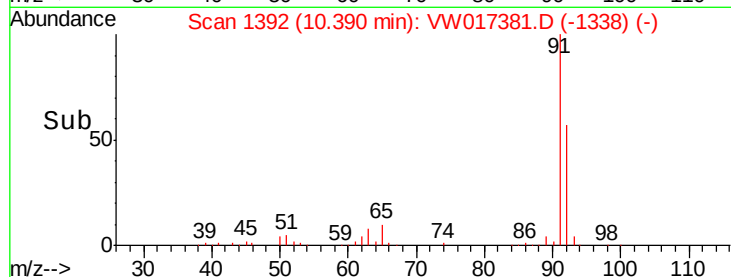
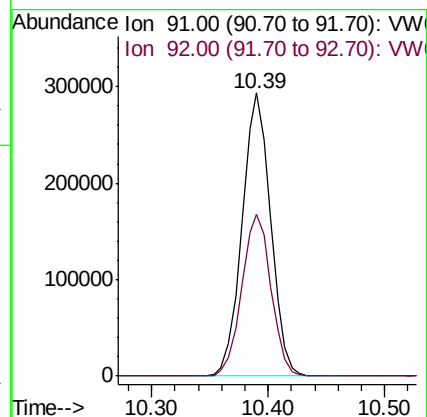
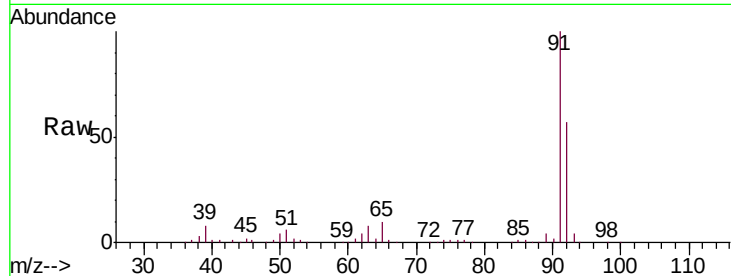
VSTD02515

Tgt Ion: 91 Resp: 500970

Ion Ratio Lower Upper

91 100

92 57.3 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 25.894 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW017381.D

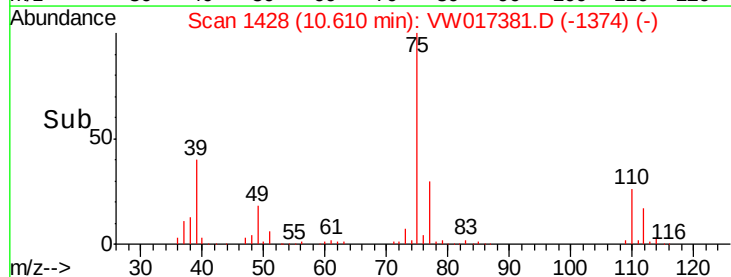
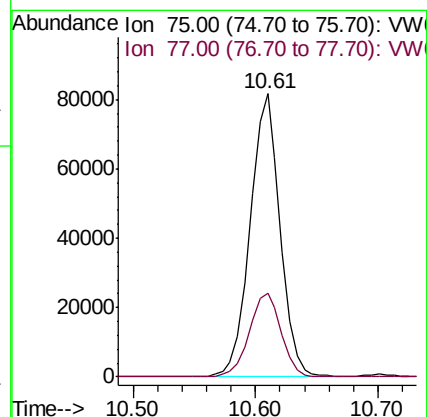
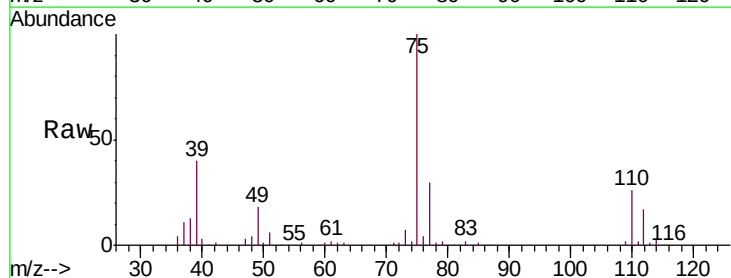
Acq: 19 Nov 2020 18:54

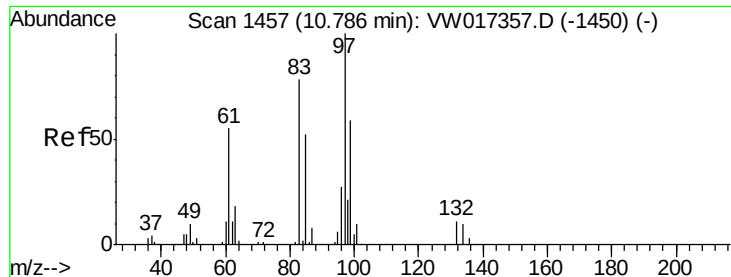
Tgt Ion: 75 Resp: 139080

Ion Ratio Lower Upper

75 100

77 29.6 22.0 40.8

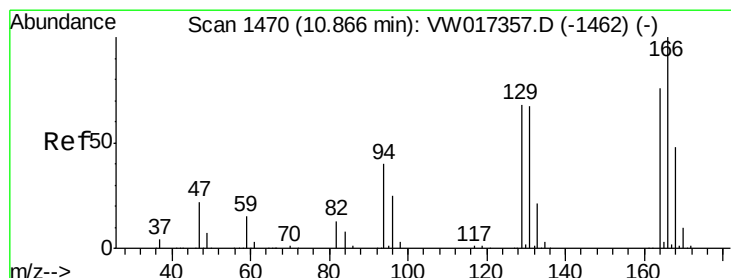
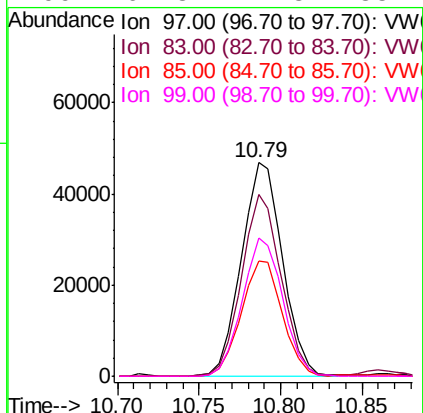
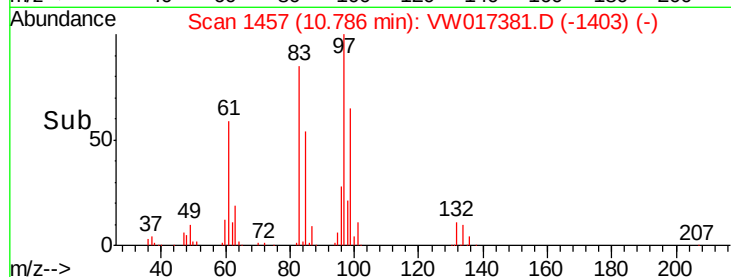
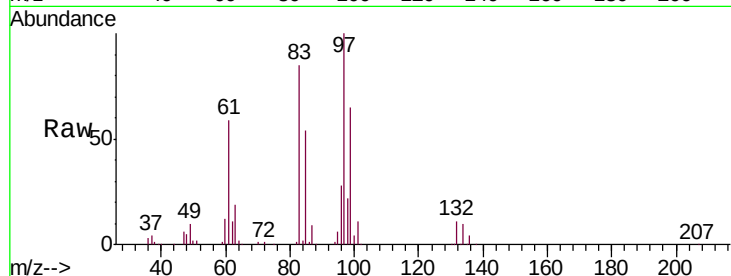




#46
 1,1,2-Trichloroethane
 Concen: 25.509 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

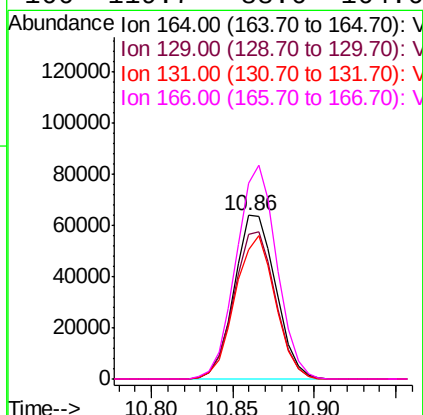
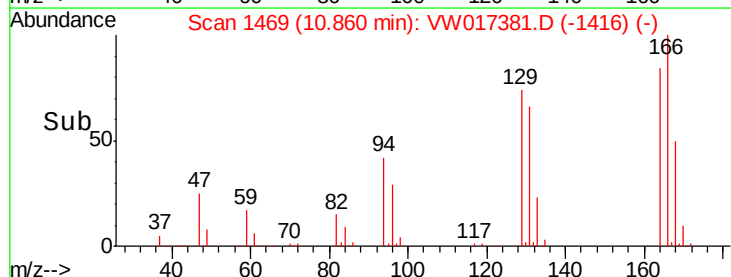
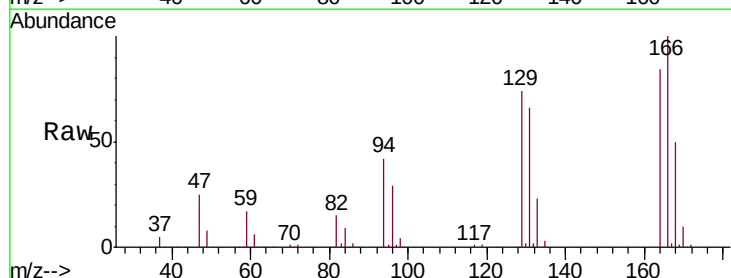
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

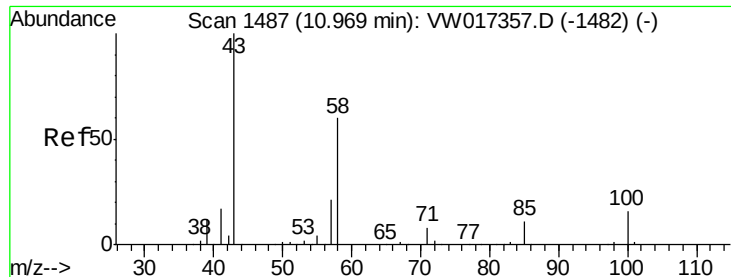
Tgt Ion:	97	Resp:	82082
Ion	Ratio	Lower	Upper
97	100		
83	85.3	56.6	105.2
85	53.7	37.7	69.9
99	64.8	44.8	83.2



#47
 Tetrachloroethene
 Concen: 24.516 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

Tgt Ion:	164	Resp:	113541
Ion	Ratio	Lower	Upper
164	100		
129	88.9	60.6	112.6
131	79.4	60.4	112.2
166	119.7	88.6	164.6





#49

2-Hexanone

Concen: 52.542 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02515

Tgt Ion: 43 Resp: 64111

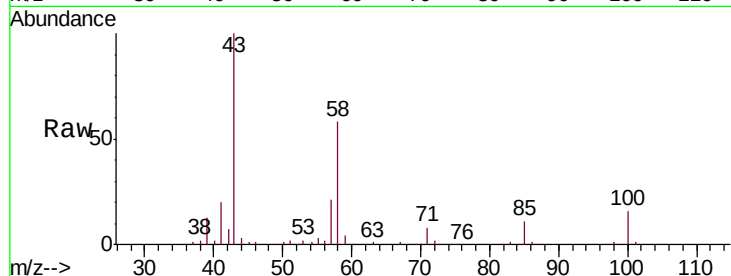
Ion Ratio Lower Upper

43 100

58 61.3 49.4 74.0

57 21.8 17.0 25.4

100 16.7 13.1 19.7

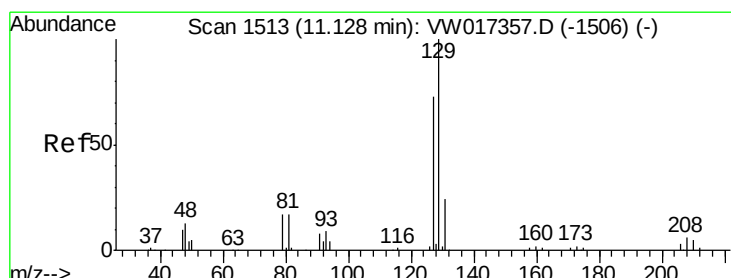
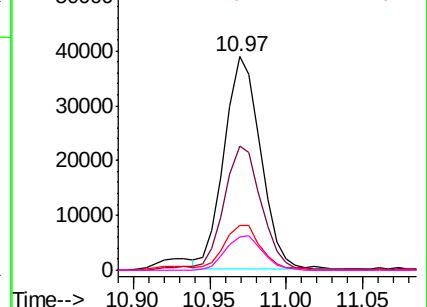
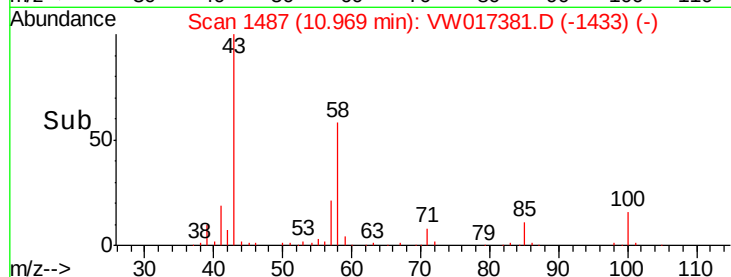


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 26.498 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW017381.D

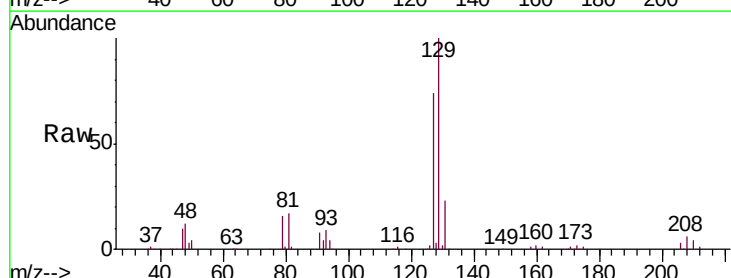
Acq: 19 Nov 2020 18:54

Tgt Ion: 129 Resp: 109019

Ion Ratio Lower Upper

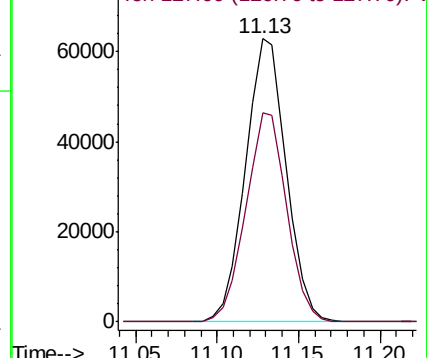
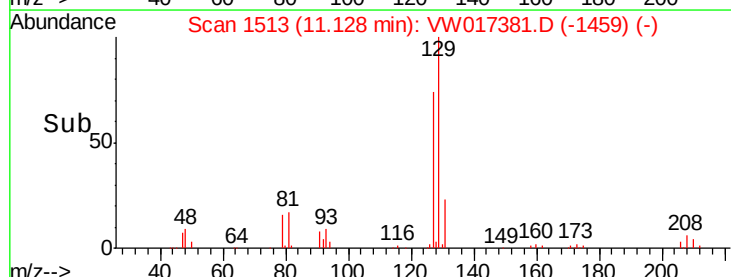
129 100

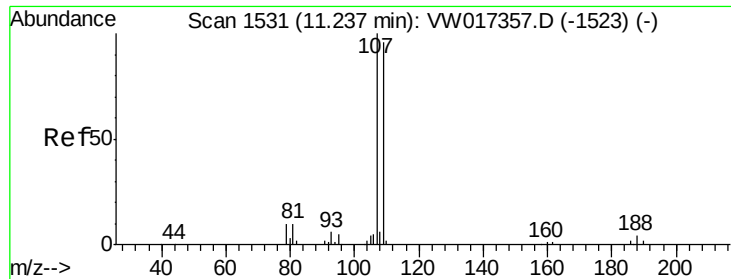
127 73.7 51.8 96.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

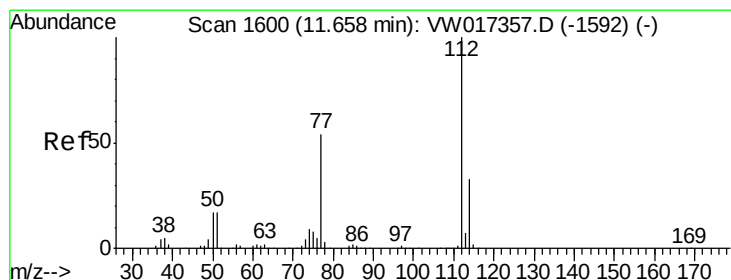
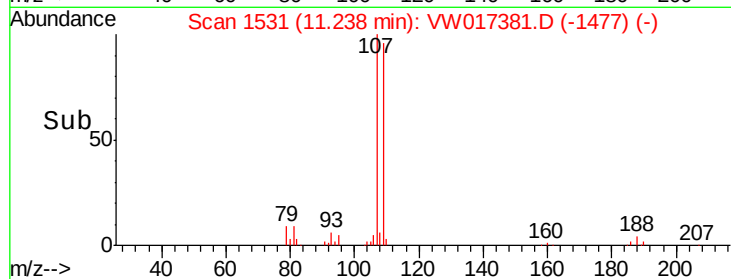
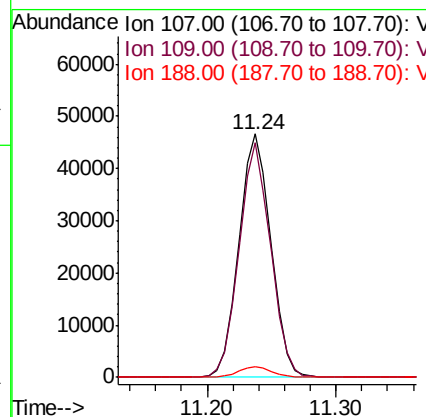
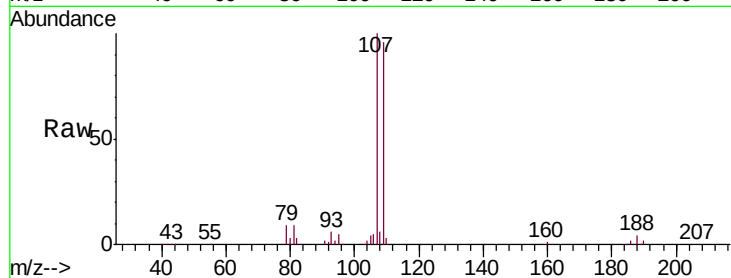




#51
 1,2-Dibromoethane
 Concen: 25.427 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

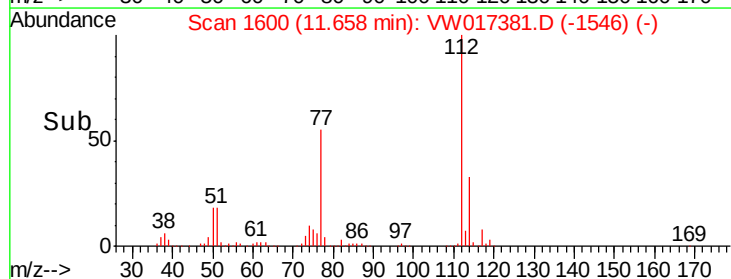
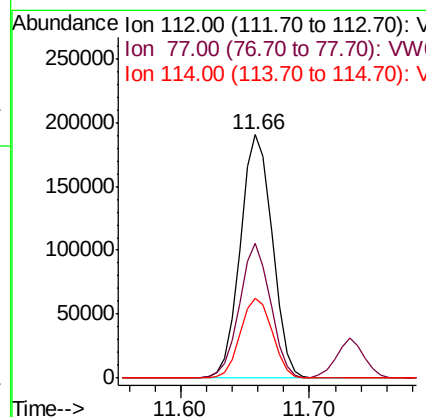
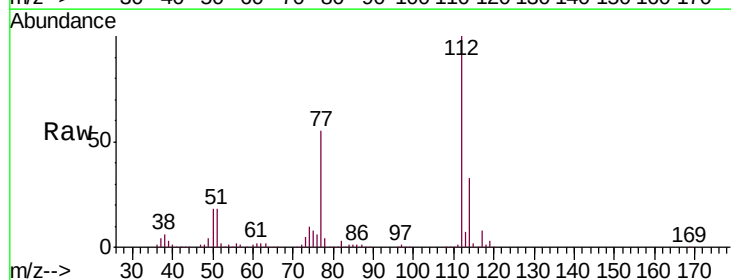
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

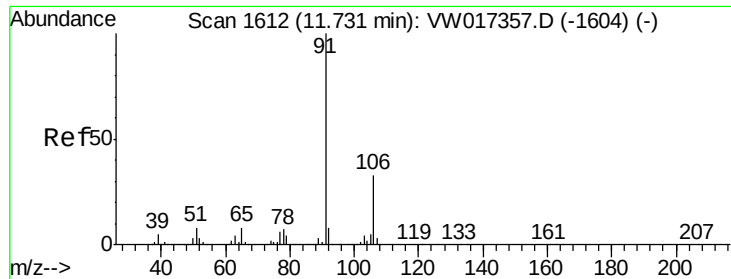
Tgt Ion:107 Resp: 80260
 Ion Ratio Lower Upper
 107 100
 109 96.5 68.2 126.6
 188 4.3 3.3 4.9



#52
 Chlorobenzene
 Concen: 24.540 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

Tgt Ion:112 Resp: 327320
 Ion Ratio Lower Upper
 112 100
 77 55.2 42.2 63.4
 114 32.7 22.1 41.1

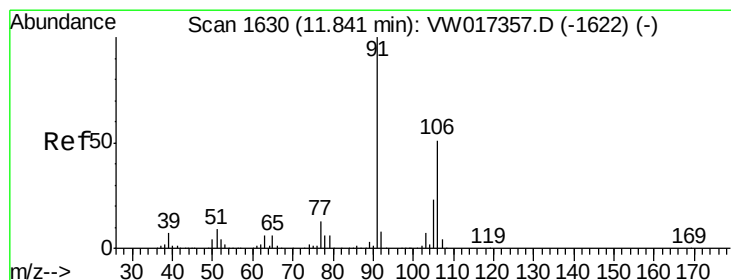
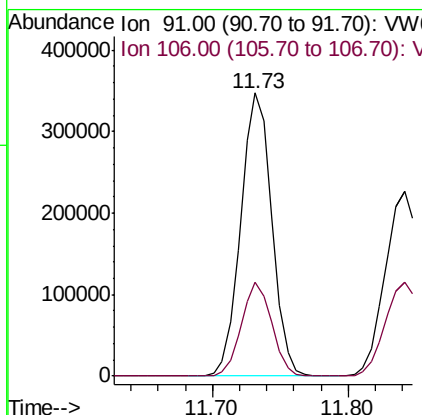
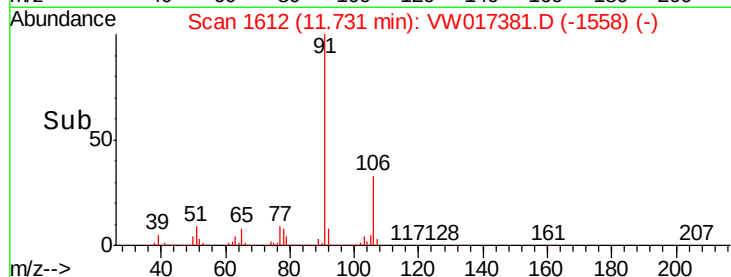
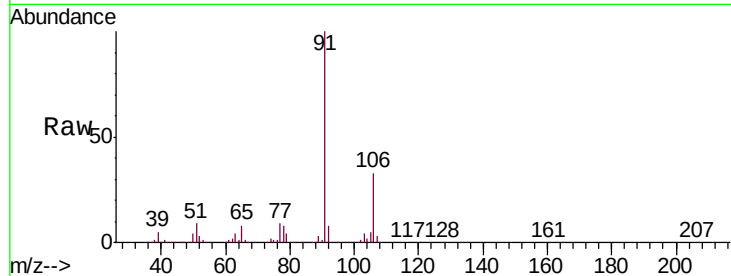




#53
Ethylbenzene
Concen: 24.644 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

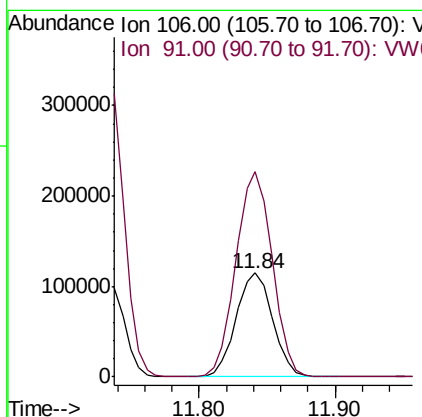
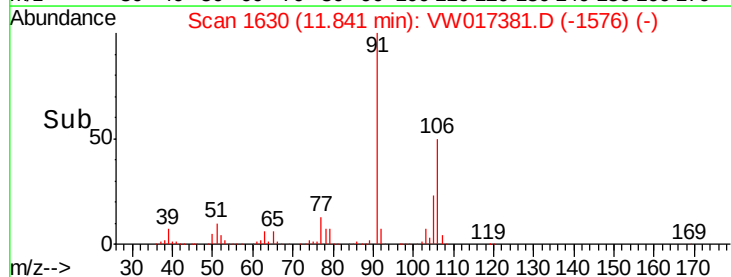
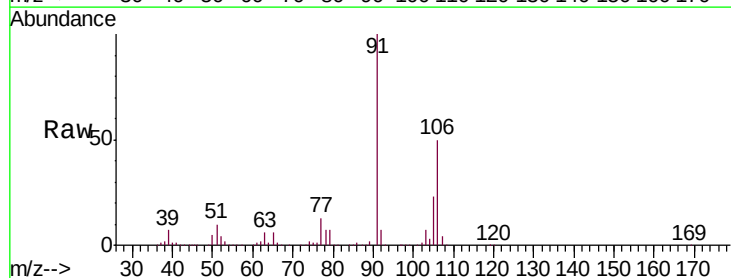
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

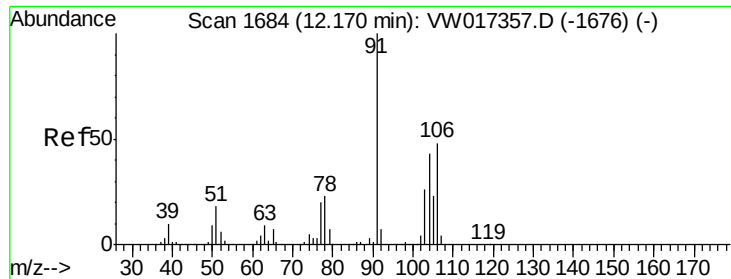
Tgt Ion: 91 Resp: 553559
Ion Ratio Lower Upper
91 100
106 33.1 20.8 38.6



#54
m,p-Xylene
Concen: 24.893 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

Tgt Ion: 106 Resp: 215461
Ion Ratio Lower Upper
106 100
91 198.2 126.9 235.7

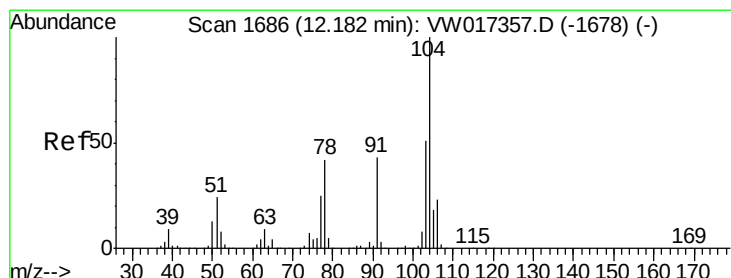
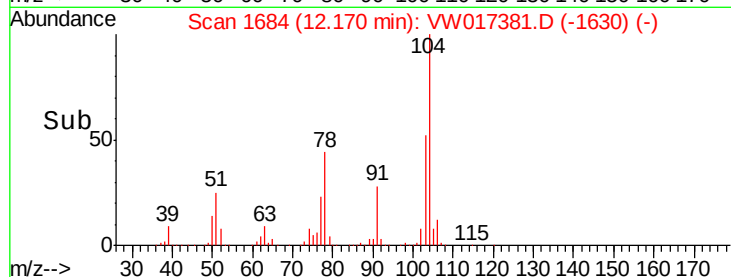
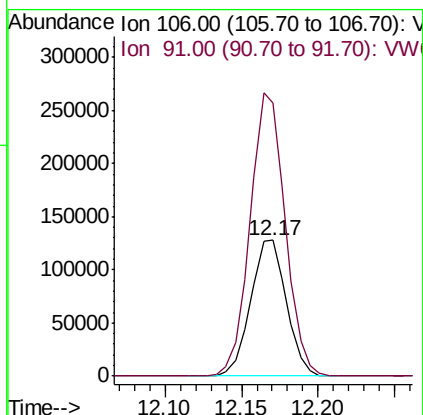
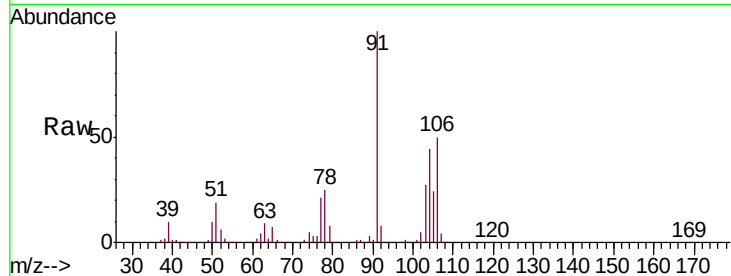




#55
o-xylene
Concen: 25.374 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

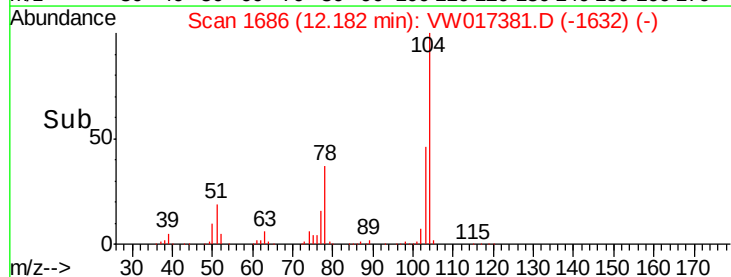
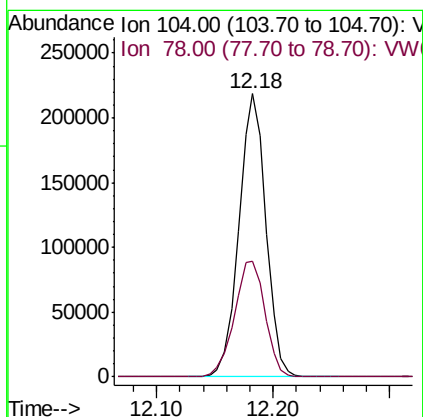
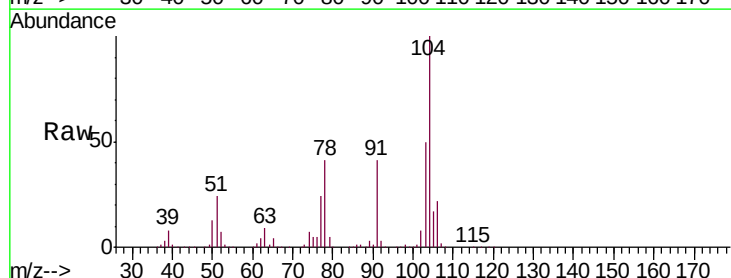
Instrument :
MSVOA_W
ClientSampled :
VSTD02515

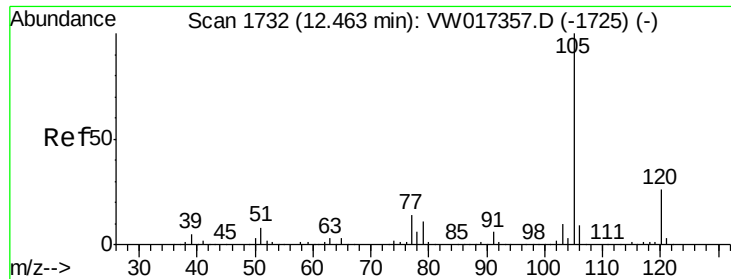
Tgt Ion:106 Resp: 208412
Ion Ratio Lower Upper
106 100
91 201.0 139.5 259.1



#56
Styrene
Concen: 25.865 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW017381.D
Acq: 19 Nov 2020 18:54

Tgt Ion:104 Resp: 352188
Ion Ratio Lower Upper
104 100
78 41.0 29.3 54.5





#57

Isopropylbenzene

Concen: 25.369 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02515

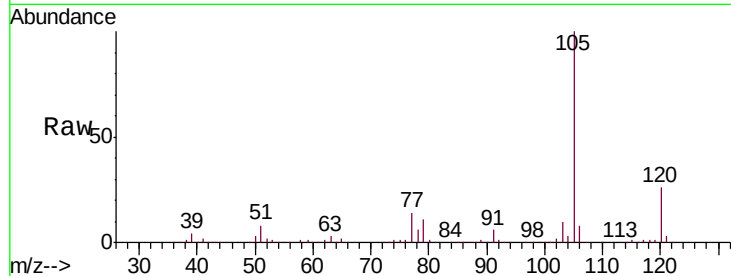
Tgt Ion: 105 Resp: 570629

Ion Ratio Lower Upper

105 100

120 26.7 21.6 32.4

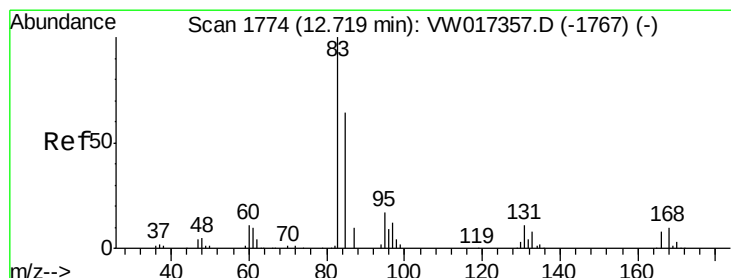
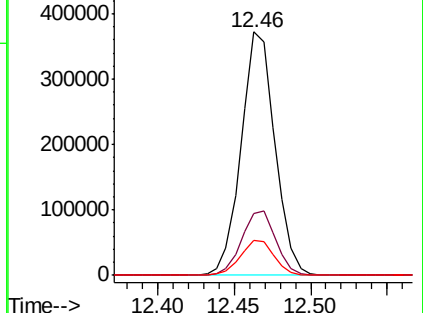
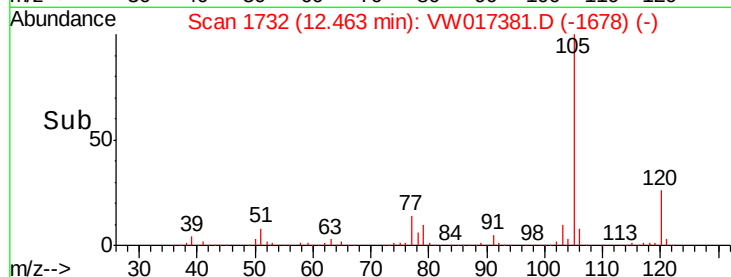
77 14.3 11.8 17.6



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



#58

1,1,2,2-Tetrachloroethane

Concen: 26.581 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

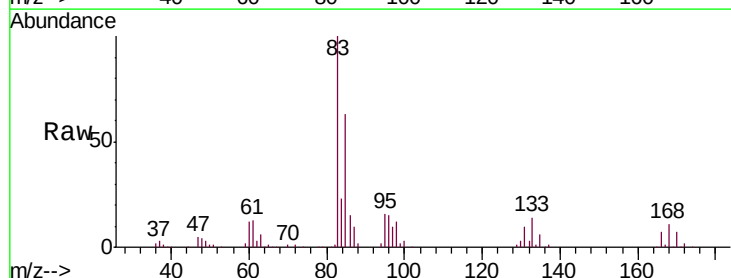
Tgt Ion: 83 Resp: 92645

Ion Ratio Lower Upper

83 100

85 63.4 44.2 82.0

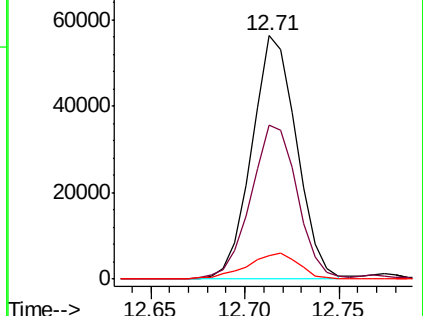
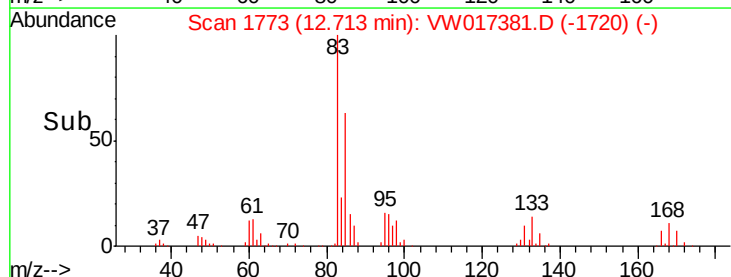
131 9.8 8.7 13.1

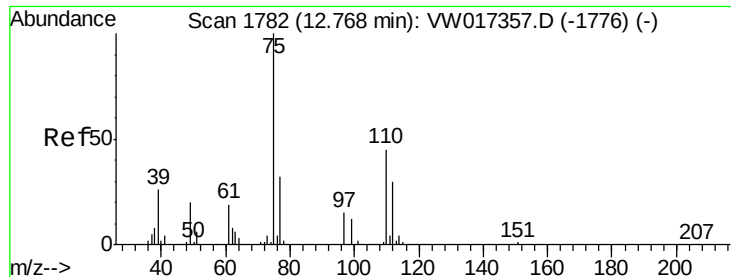


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 25.716 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

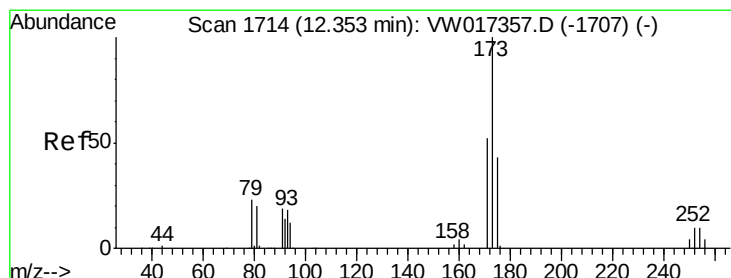
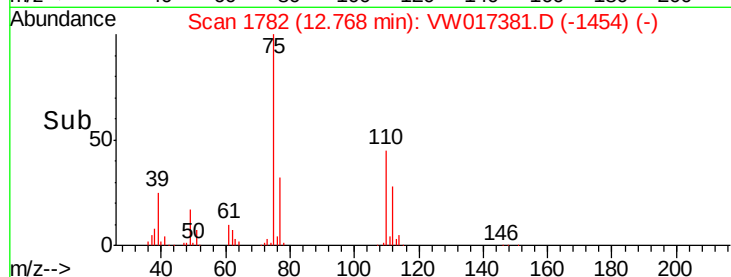
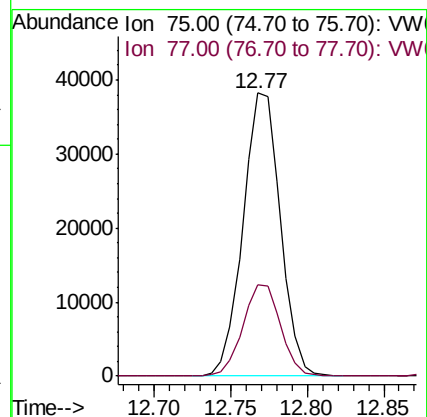
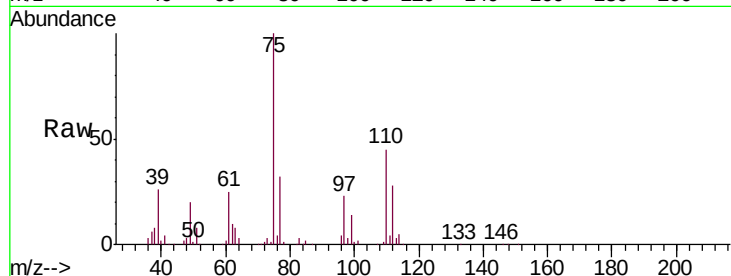
VSTD02515

Tgt Ion: 75 Resp: 64726

Ion Ratio Lower Upper

75 100

77 32.4 26.6 40.0



#62

Bromoform

Concen: 25.196 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

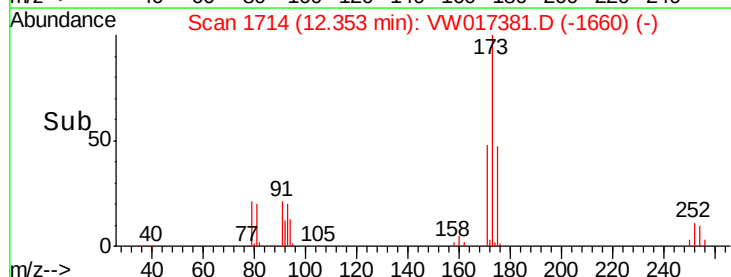
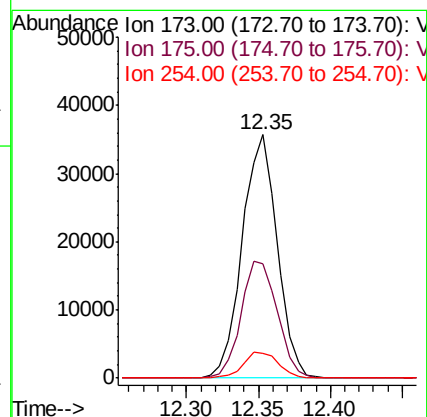
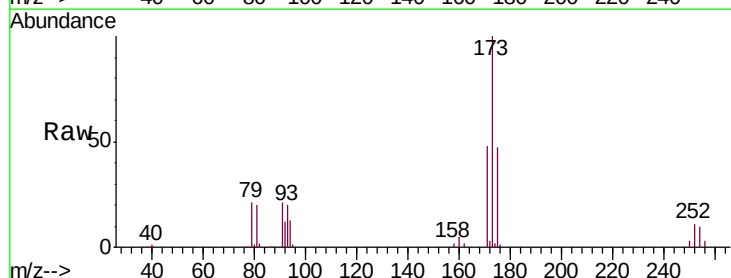
Tgt Ion: 173 Resp: 60154

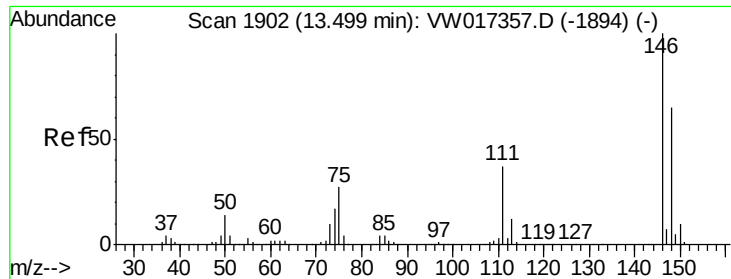
Ion Ratio Lower Upper

173 100

175 49.6 40.0 60.0

254 10.8 8.0 12.0

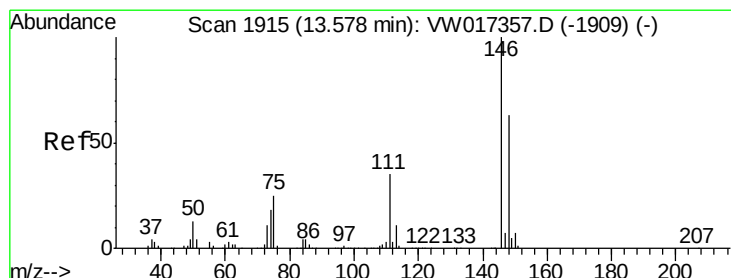
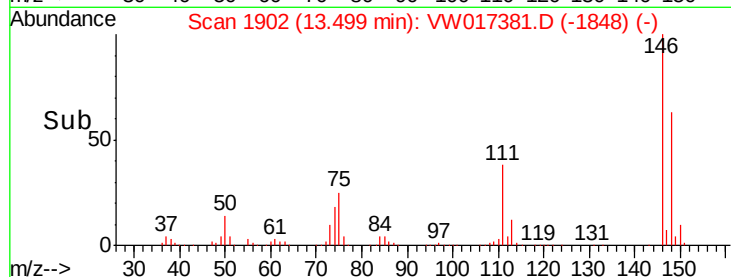
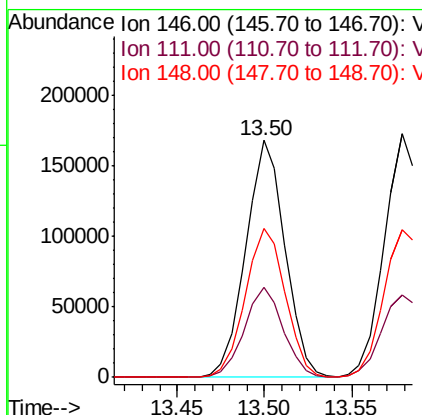
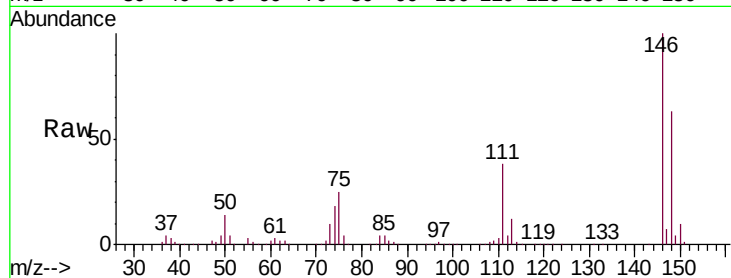




#63
 1,3-Dichlorobenzene
 Concen: 23.740 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

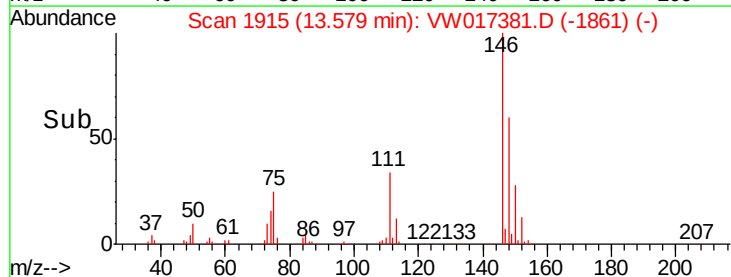
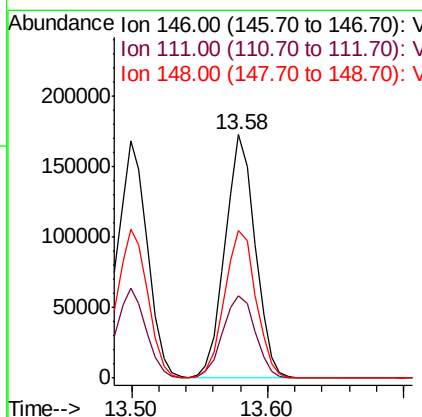
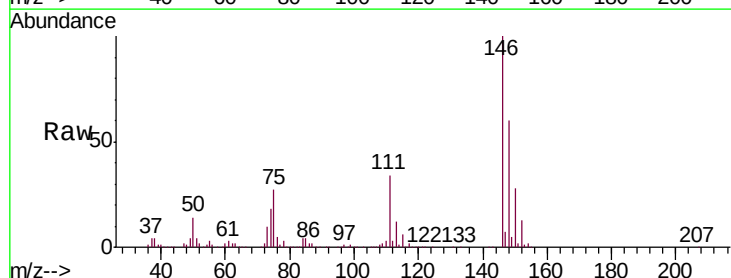
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

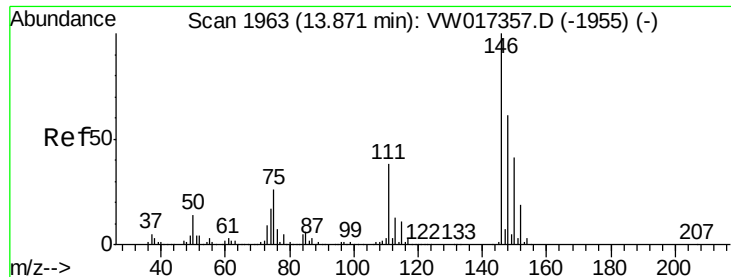
Tgt Ion:146 Resp: 262501
 Ion Ratio Lower Upper
 146 100
 111 37.8 24.5 45.5
 148 63.0 40.4 75.0



#64
 1,4-Dichlorobenzene
 Concen: 24.516 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

Tgt Ion:146 Resp: 267476
 Ion Ratio Lower Upper
 146 100
 111 33.9 26.2 48.8
 148 60.4 45.2 84.0

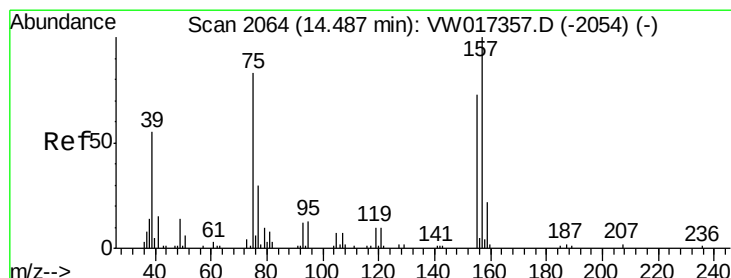
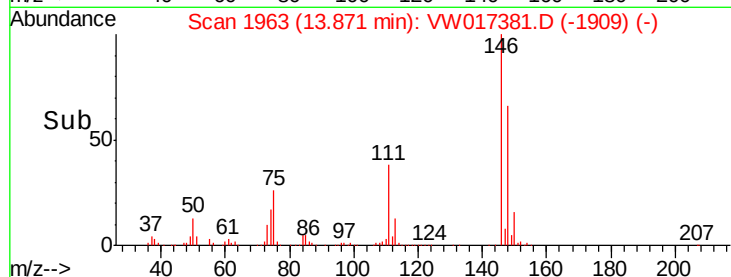
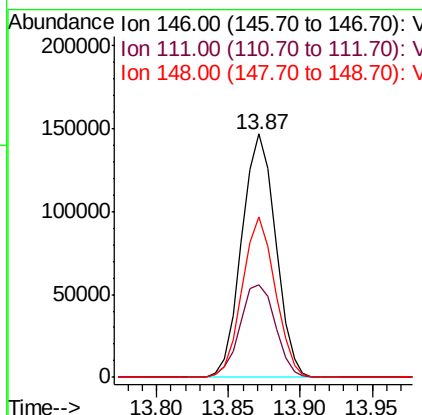
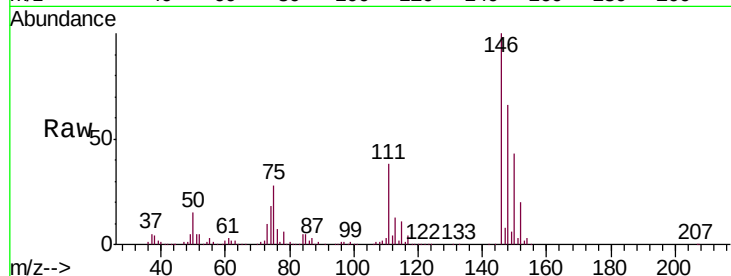




#65
 1,2-Dichlorobenzene
 Concen: 24.952 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

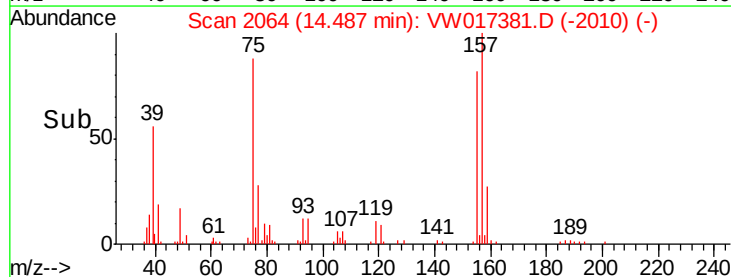
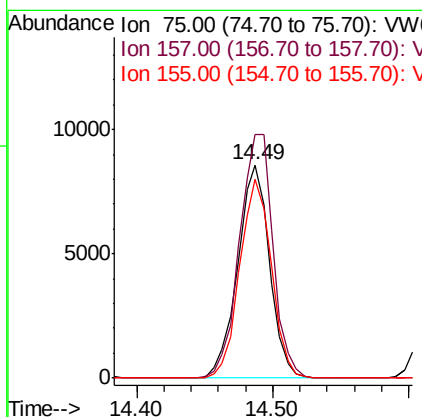
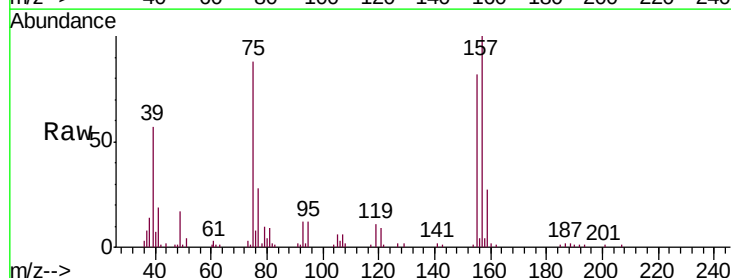
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

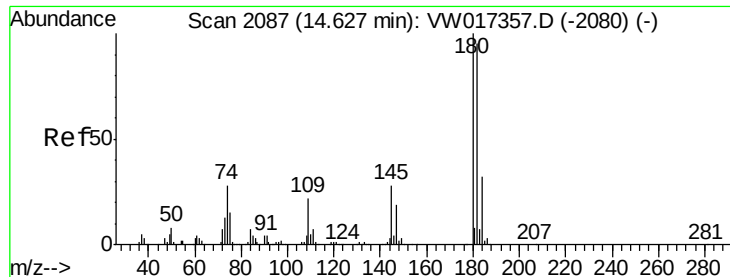
Tgt Ion: 146 Resp: 239807
 Ion Ratio Lower Upper
 146 100
 111 37.8 30.8 46.2
 148 66.1 49.0 73.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 26.076 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

Tgt Ion: 75 Resp: 13968
 Ion Ratio Lower Upper
 75 100
 157 114.2 106.7 160.1
 155 93.1 70.6 106.0

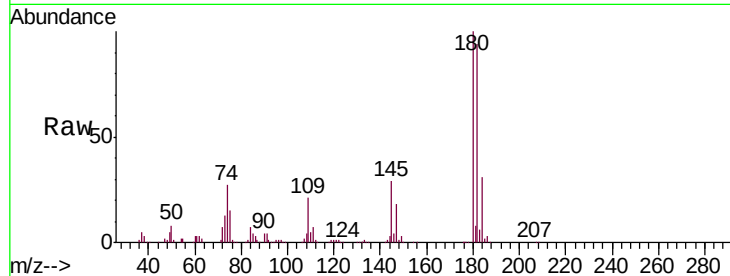




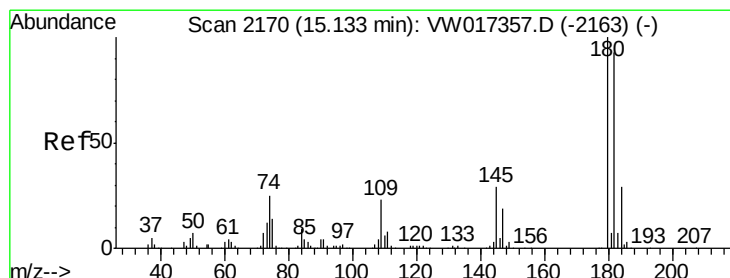
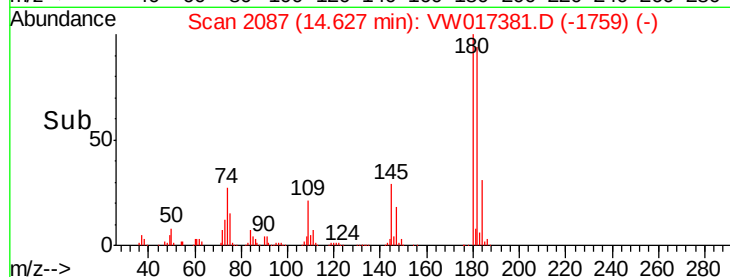
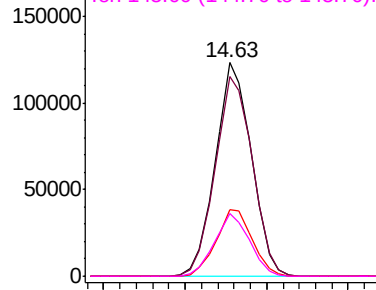
#67
 1,3,5-Trichlorobenzene
 Concen: 23.641 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Tgt Ion:	180	Resp:	190184
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
184	31.3	23.9	35.9
145	28.7	22.6	33.8

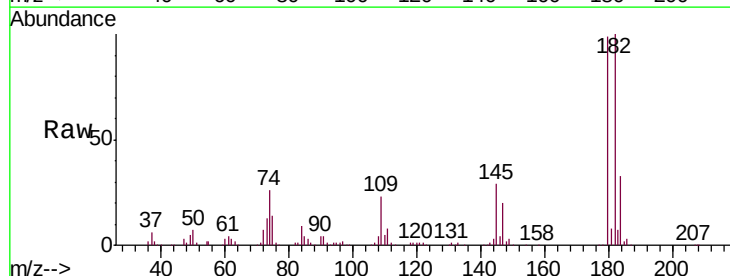


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

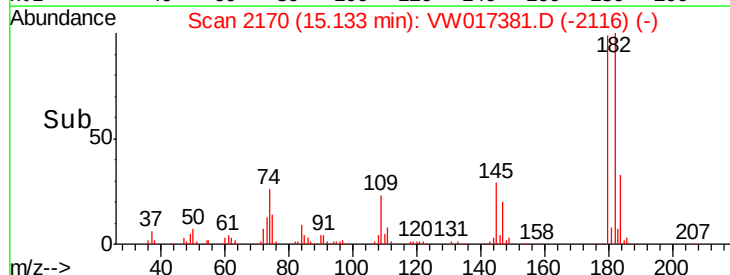
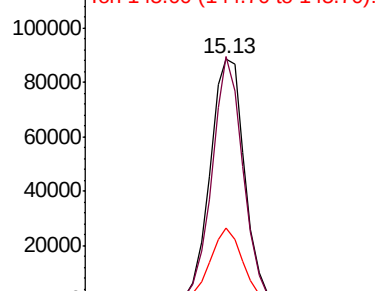


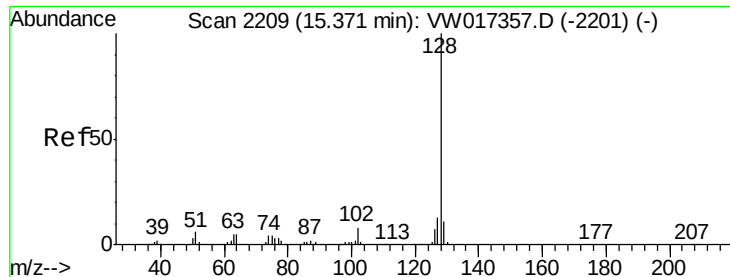
#68
 1,2,4-trichlorobenzene
 Concen: 25.120 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017381.D
 Acq: 19 Nov 2020 18:54

Tgt Ion:	180	Resp:	155089
Ion	Ratio	Lower	Upper
180	100		
182	91.0	77.0	115.6
145	28.1	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: 26.541 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD02515

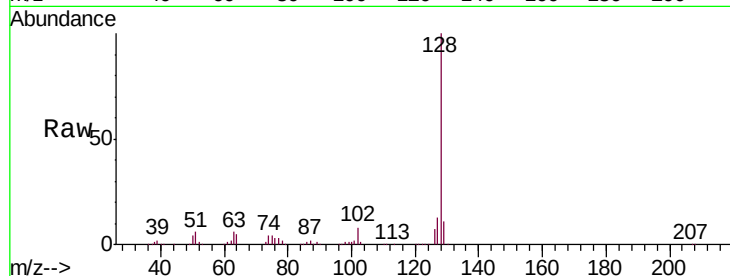
Tgt Ion:128 Resp: 235254

Ion Ratio Lower Upper

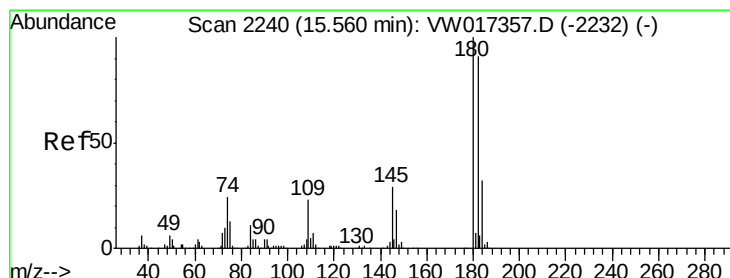
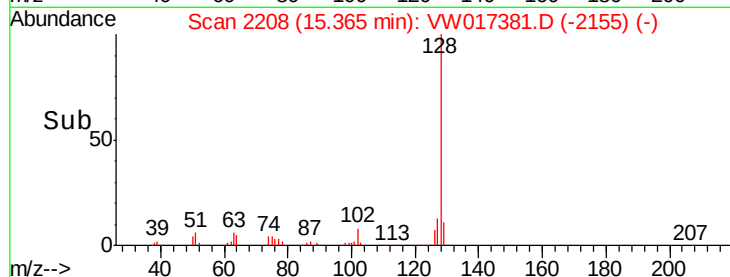
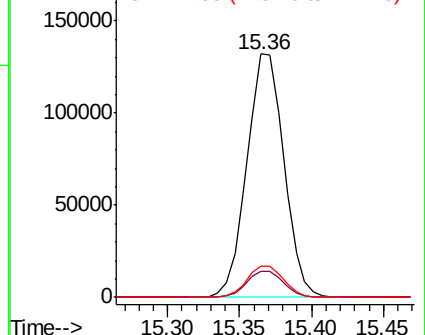
128 100

129 10.8 8.6 13.0

127 12.9 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



#70

1,2,3-Trichlorobenzene

Concen: 24.770 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW017381.D

Acq: 19 Nov 2020 18:54

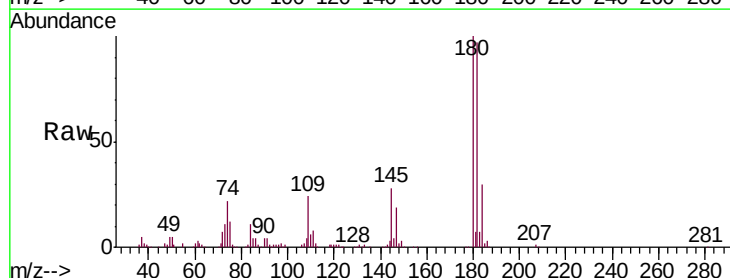
Tgt Ion:180 Resp: 134537

Ion Ratio Lower Upper

180 100

182 91.4 78.6 118.0

145 30.1 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

