

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016444.D
 Acq On : 03 Sep 2020 13:50
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 04 05:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 04 04:59:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	871335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	791223	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	380460	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	225423	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
7) Chloroethane-d5	2.90	69	204859	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.72%
10) 1,1-Dichloroethene-d2	4.03	63	513654	24.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.68%
20) 2-Butanone-d5	7.08	46	152620	46.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.46%
24) Chloroform-d	7.65	84	517684	25.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	8.30	65	279487	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.16%
29) Benzene-d6	8.27	84	1019758	25.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.40%
33) 1,2-Dichloropropane-d6	9.27	67	297731	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	10.33	98	969923	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.48%
38) trans-1,3-Dichloropropene-	10.58	79	147552	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.00%
39) 2-Hexanone-d5	10.93	63	122859	50.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	250641	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	342368	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	243099	24.937	ug/L 98
3) Chloromethane	2.22	50	229022	26.759	ug/L 99
5) Vinyl chloride	2.37	62	286944	26.322	ug/L 98
6) Bromomethane	2.79	94	208104	25.541	ug/L 99
8) Chloroethane	2.93	64	178758	26.656	ug/L 96
9) Trichlorofluoromethane	3.27	101	218119	24.432	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	273591	25.910	ug/L 98
12) 1,1-Dichloroethene	4.04	96	275179	25.629	ug/L 93
13) Acetone	4.13	43	103098	48.654	ug/L 98
14) Carbon disulfide	4.38	76	844586	25.739	ug/L 100
15) Methyl Acetate	4.67	43	123505	24.032	ug/L 97
16) Methylene chloride	4.92	84	286335	21.057	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	405071	25.148	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	284619	24.956	ug/L 97
19) 1,1-Dichloroethane	6.22	63	485527	25.013	ug/L 99
21) 2-Butanone	7.17	43	164239	46.179	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	303207	25.519	ug/L 99

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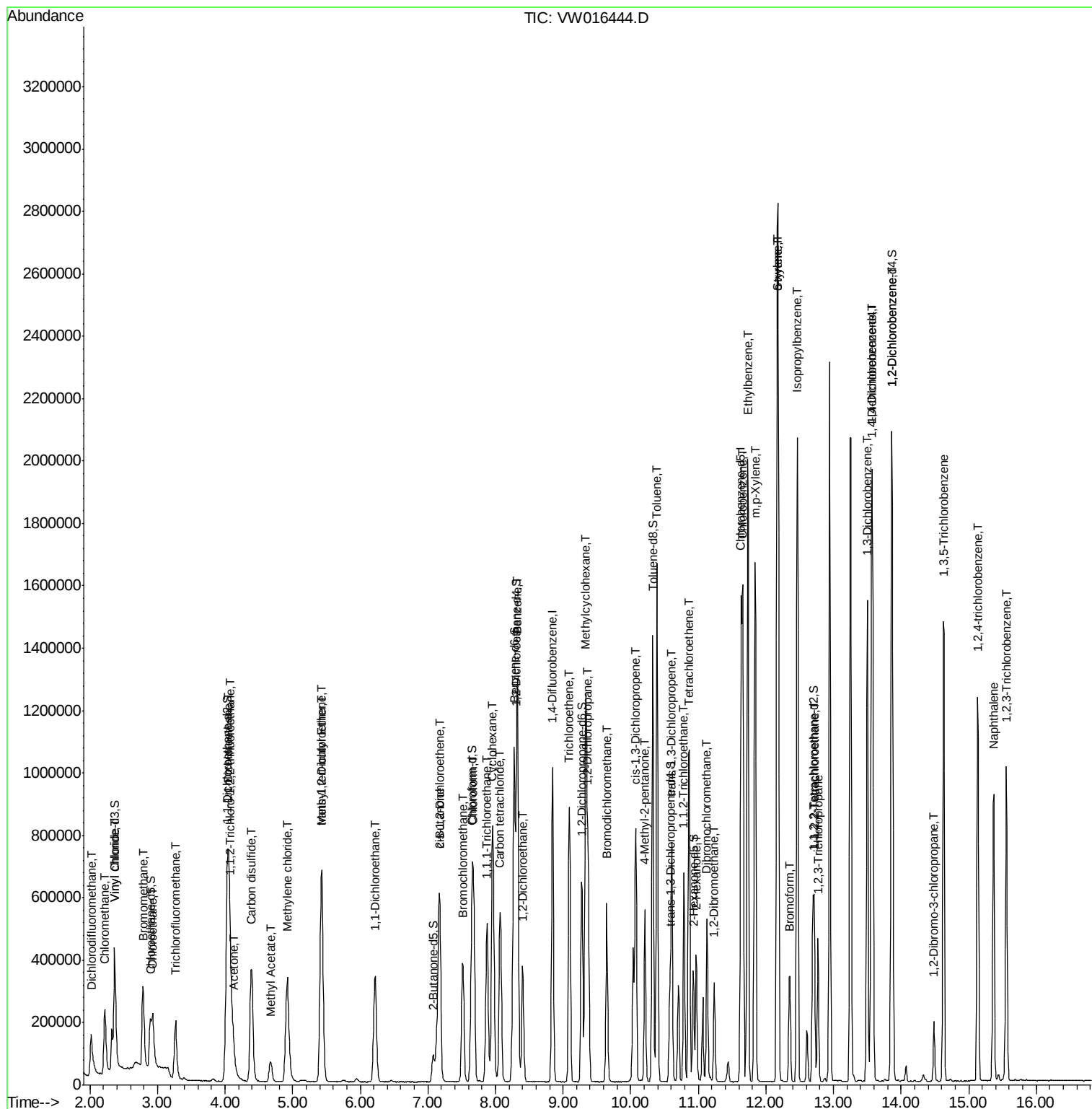
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	141225	25.643	ug/L	96
25) Chloroform	7.68	83	495861	24.681	ug/L	98
27) 1,2-Dichloroethane	8.40	62	330074	24.672	ug/L	97
30) Cyclohexane	7.96	56	474467	25.104	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	428560	25.014	ug/L	98
32) Carbon tetrachloride	8.07	117	419997	25.629	ug/L	99
34) Benzene	8.32	78	1097109	25.361	ug/L	100
35) Trichloroethene	9.09	95	302691	25.252	ug/L	98
36) Methylcyclohexane	9.34	83	529992	25.271	ug/L	99
40) 1,2-Dichloropropane	9.37	63	266096	24.878	ug/L	99
41) Bromodichloromethane	9.65	83	375016	25.078	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	460238	25.356	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	359172	47.422	ug/L	99
44) Toluene	10.39	91	1210237	25.001	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	406033	25.026	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	210382	24.817	ug/L	96
47) Tetrachloroethene	10.87	164	240058	24.978	ug/L	93
49) 2-Hexanone	10.97	43	254257	48.203	ug/L	98
50) Dibromochloromethane	11.13	129	270003	25.188	ug/L	98
51) 1,2-Dibromoethane	11.24	107	212550	25.091	ug/L	97
52) Chlorobenzene	11.66	112	782556	25.484	ug/L	97
53) Ethylbenzene	11.73	91	1385430	25.409	ug/L	98
54) m,p-Xylene	11.84	106	531343	25.497	ug/L	98
55) o-xylene	12.17	106	504291	25.404	ug/L	89
56) Styrene	12.18	104	858197	25.162	ug/L	98
57) Isopropylbenzene	12.47	105	1383801	25.448	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	244667	24.211	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	183737	24.326	ug/L	100
62) Bromoform	12.35	173	153910	24.108	ug/L #	96
63) 1,3-Dichlorobenzene	13.50	146	617944	25.798	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	608720	25.630	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	559241	26.267	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	47148	23.782	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	450240	27.272	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	390194	27.325	ug/L	97
69) Naphthalene	15.37	128	800775	26.570	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	336867	27.476	ug/L	98

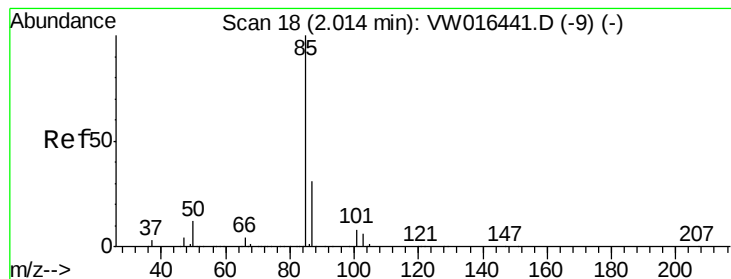
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 24.937 ug/L

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

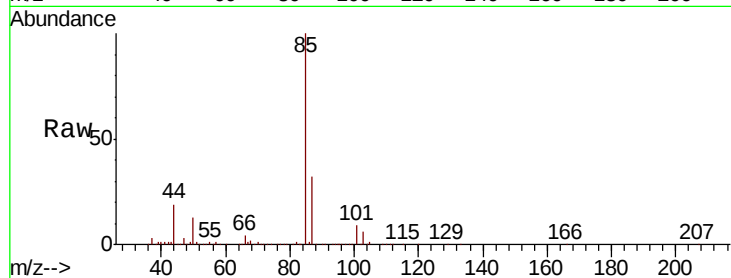
ClientSampled :

Tot Ion: 85 Resp: 243099

Ion Ratio Lower Upper

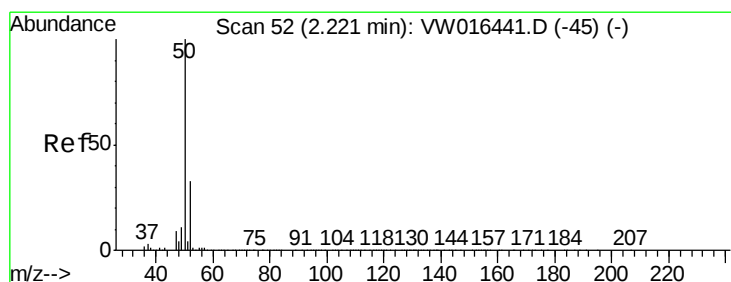
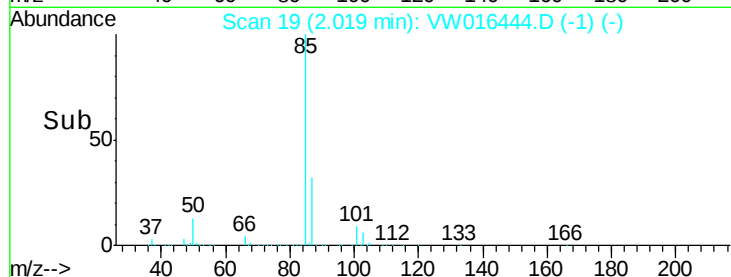
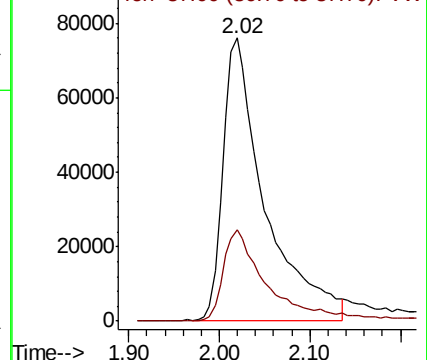
85 100

87 30.9 22.3 41.5



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 26.759 ug/L

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW016444.D

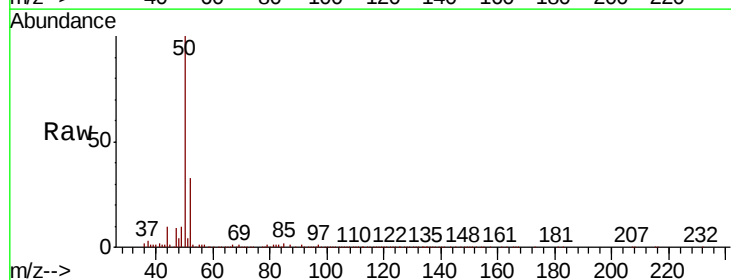
Acq: 03 Sep 2020 13:50

Tgt Ion: 50 Resp: 229022

Ion Ratio Lower Upper

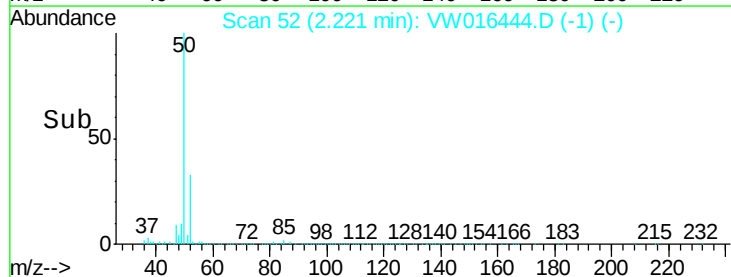
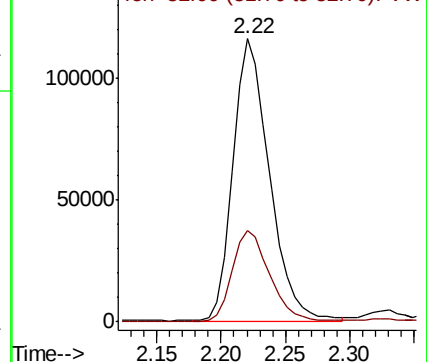
50 100

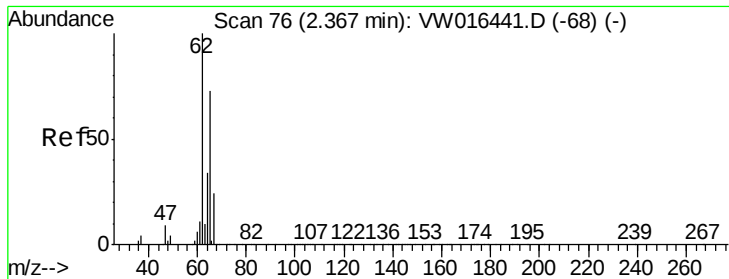
52 32.5 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 26.322 ug/L

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

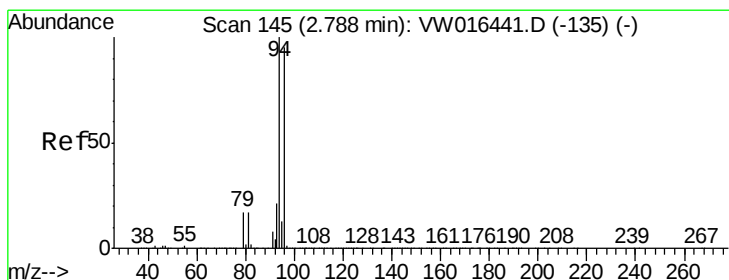
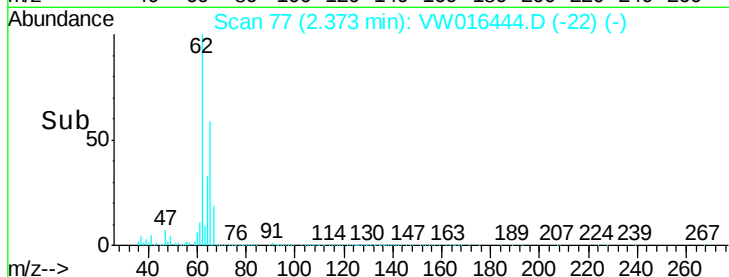
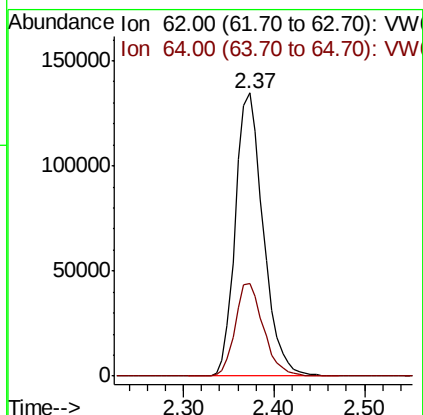
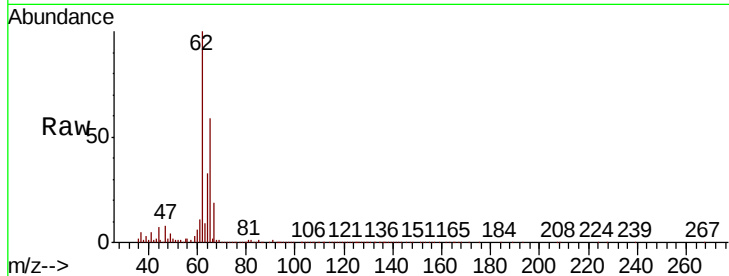
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 62 Resp: 286944

Ion Ratio Lower Upper

62 100

64 32.9 23.9 44.5



#6

Bromomethane

Concen: 25.541 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW016444.D

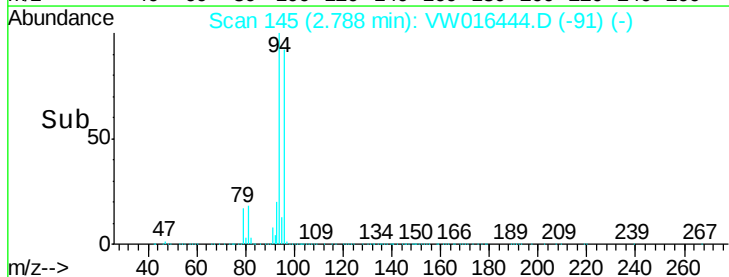
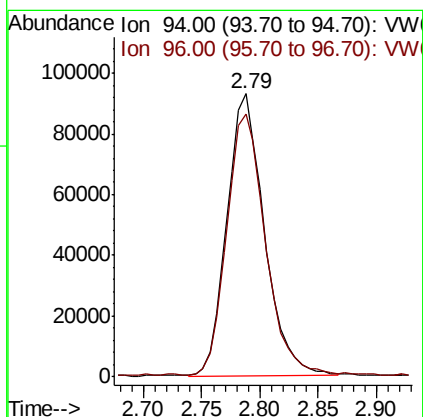
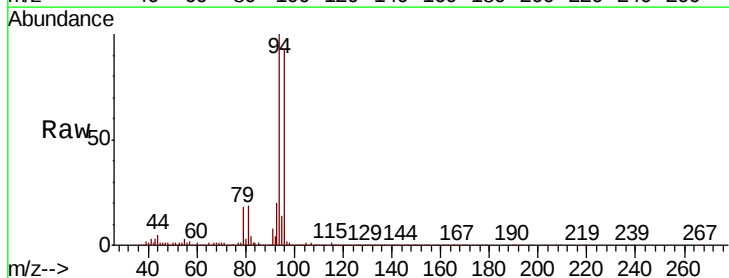
Acq: 03 Sep 2020 13:50

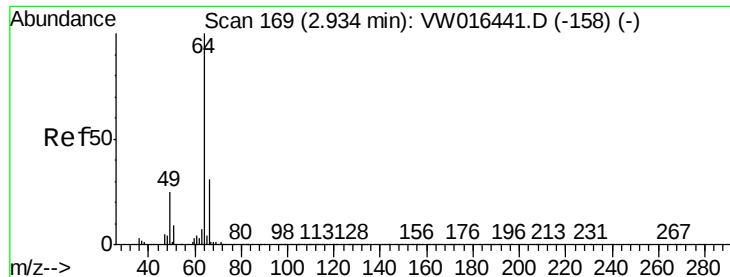
Tgt Ion: 94 Resp: 208104

Ion Ratio Lower Upper

94 100

96 95.1 9.4 178.2





#8

Chloroethane

Concen: 26.656 ug/L

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

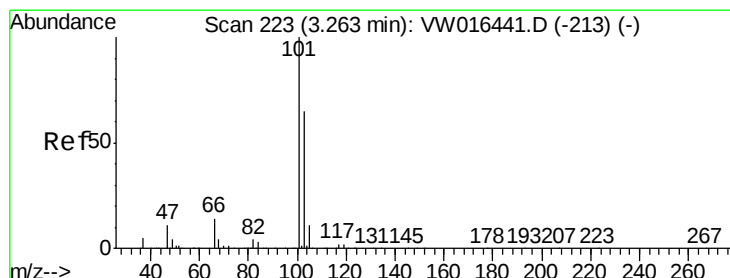
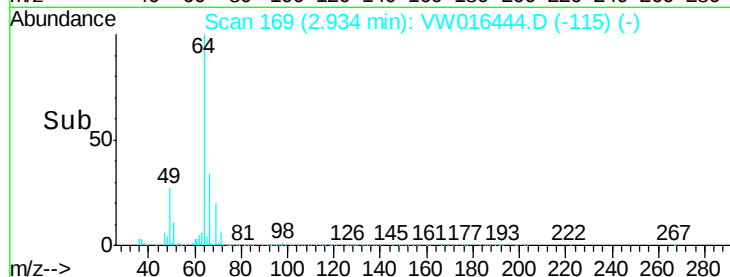
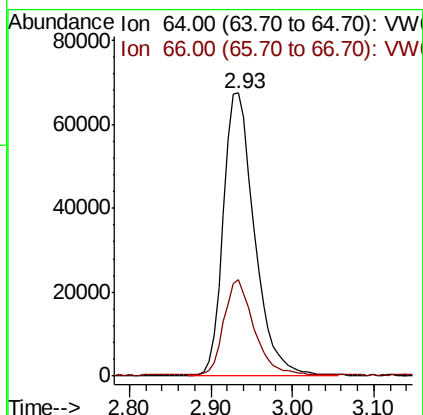
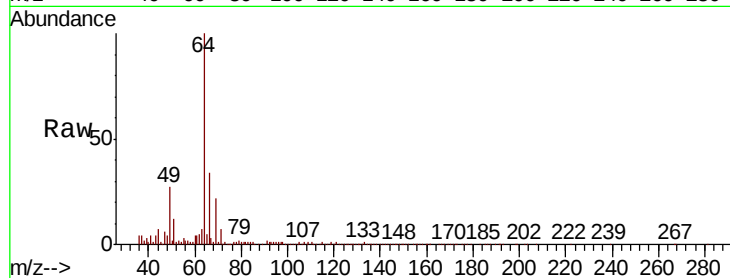
ClientSampleId :

Tot Ion: 64 Resp: 178758

Ion Ratio Lower Upper

64 100

66 34.0 22.4 41.6



#9

Trichlorofluoromethane

Concen: 24.432 ug/L

RT: 3.27 min Scan# 224

Delta R.T. 0.01 min

Lab File: VW016444.D

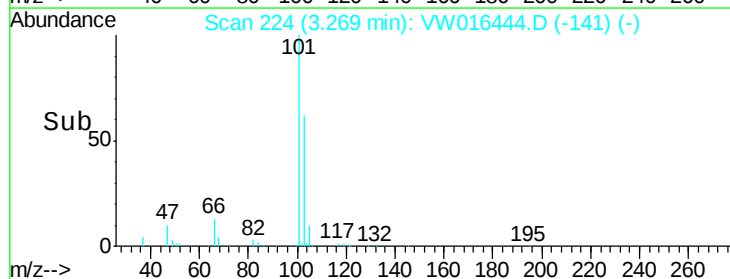
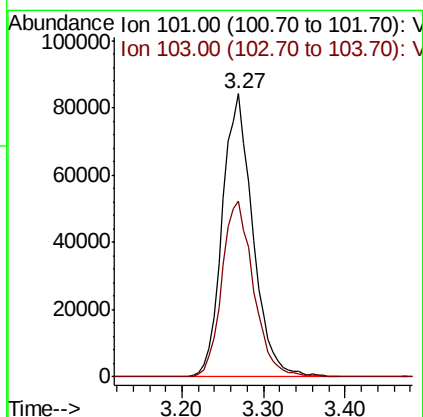
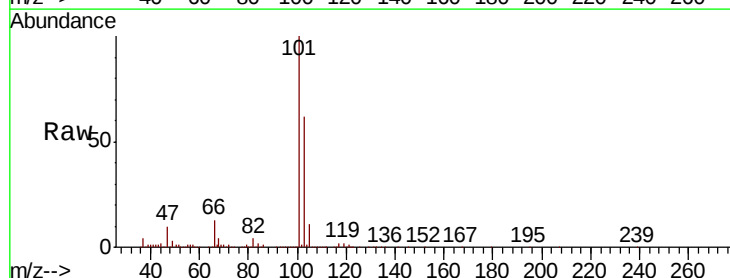
Acq: 03 Sep 2020 13:50

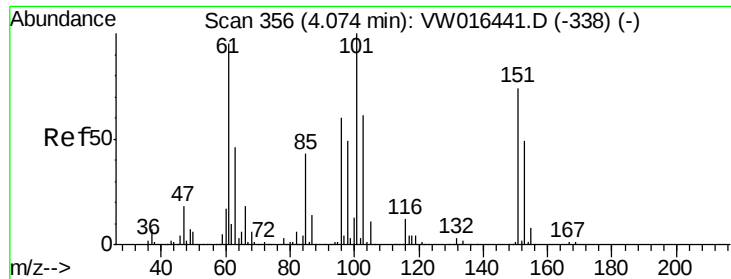
Tgt Ion: 101 Resp: 218119

Ion Ratio Lower Upper

101 100

103 64.3 45.1 83.7





#11

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

Concen: 25.910 ug/L

RT: 4.08 min Scan# 357

Delta R.T. 0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

ClientSampleId :

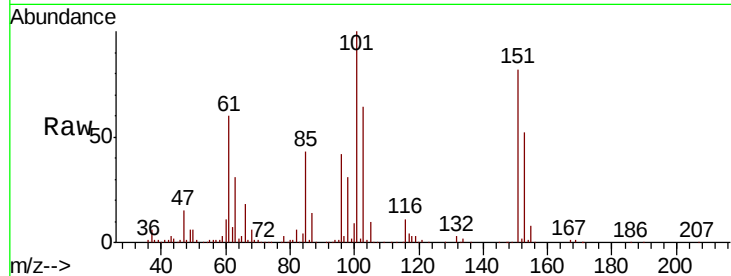
Tot Ion:101 Resp: 273591

Ion Ratio Lower Upper

101 100

85 43.3 33.4 50.0

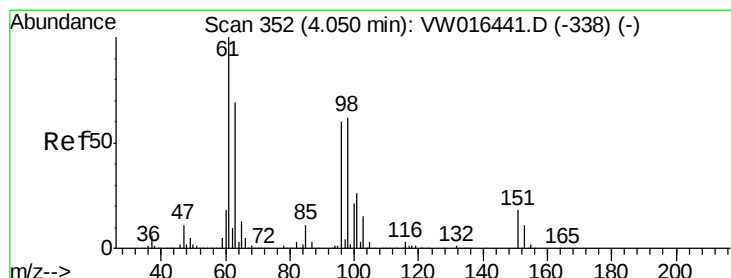
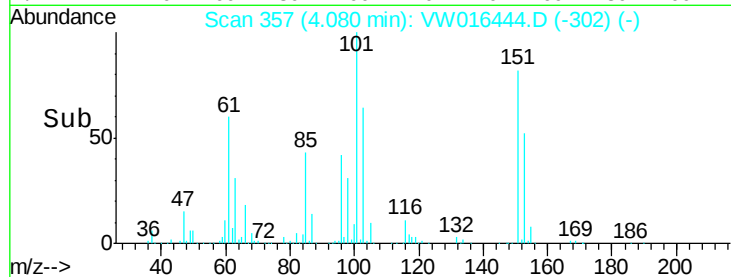
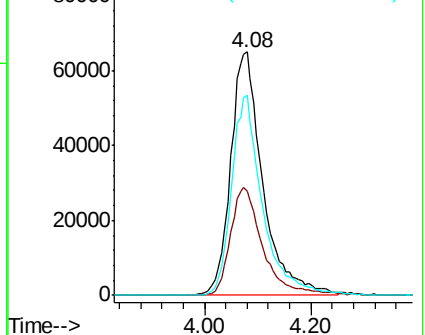
151 78.2 61.6 92.4



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: 25.629 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

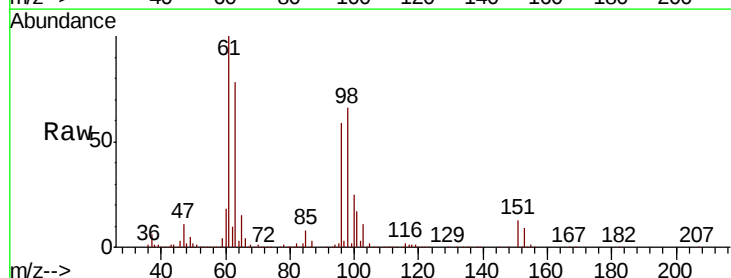
Tgt Ion: 96 Resp: 275179

Ion Ratio Lower Upper

96 100

61 169.3 116.5 216.3

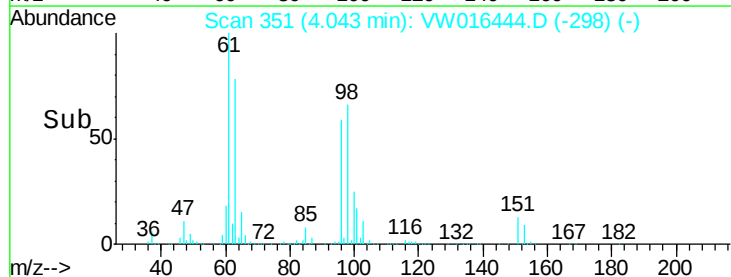
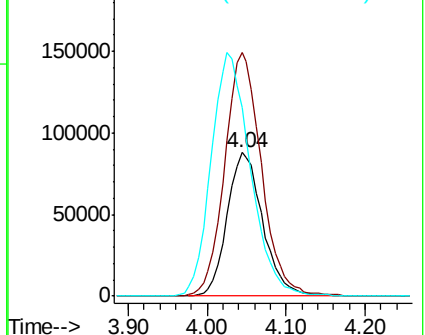
63 131.7 81.1 150.5

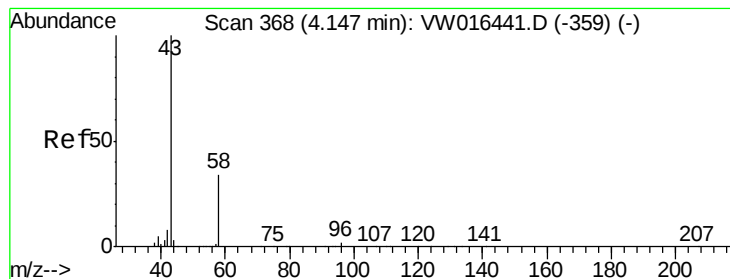


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 48.654 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

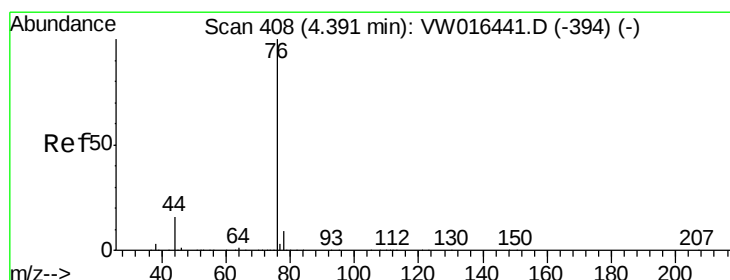
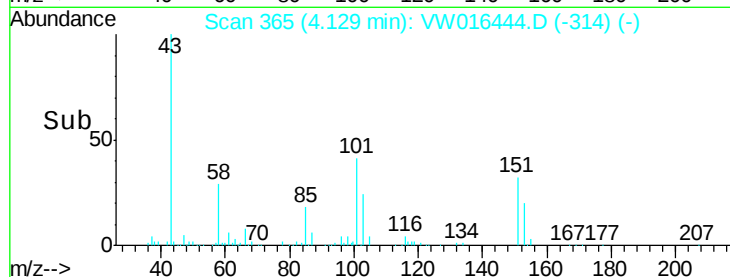
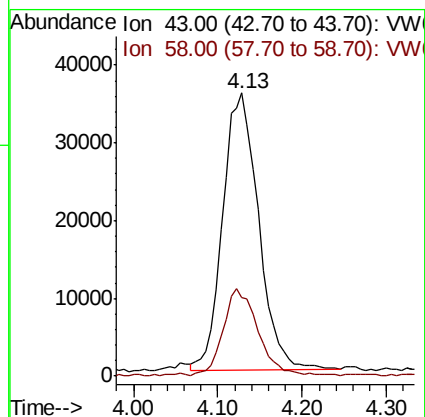
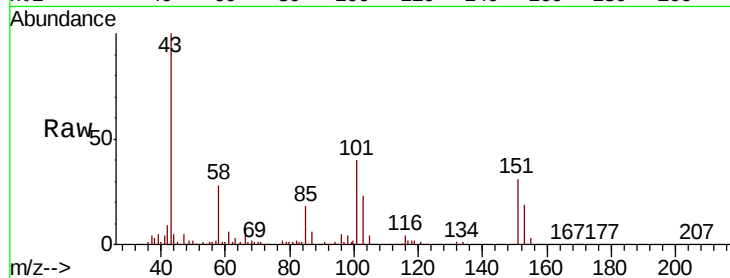
ClientSampled :

Tot Ion: 43 Resp: 103098

Ion Ratio Lower Upper

43 100

58 30.5 0.0 63.0



#14

Carbon disulfide

Concen: 25.739 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW016444.D

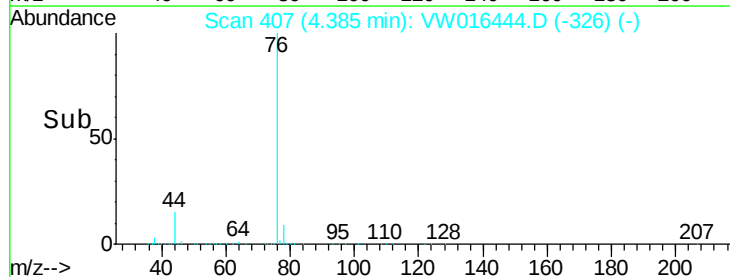
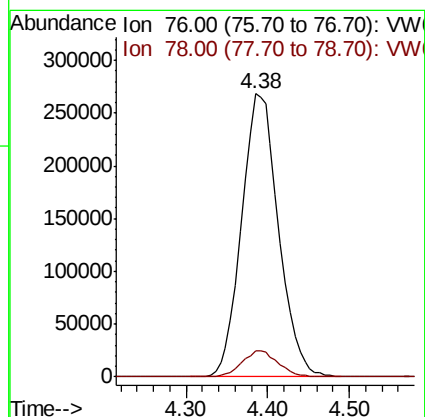
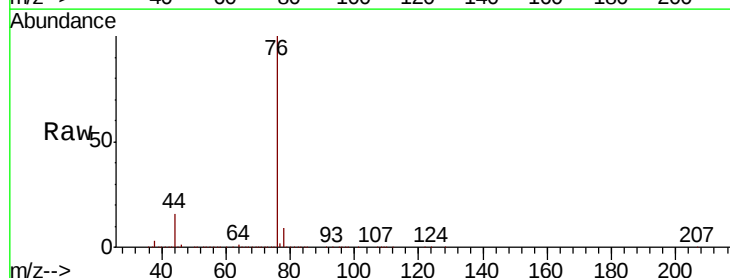
Acq: 03 Sep 2020 13:50

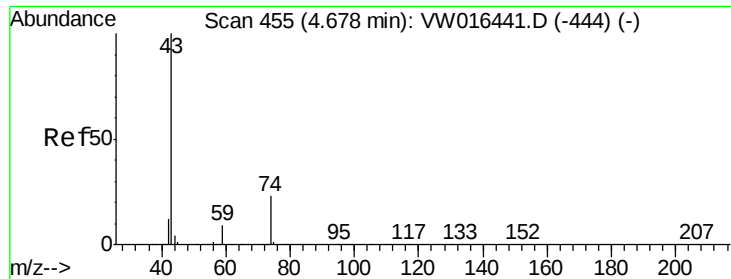
Tgt Ion: 76 Resp: 844586

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

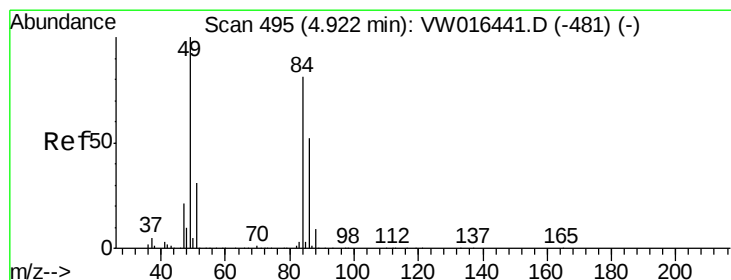
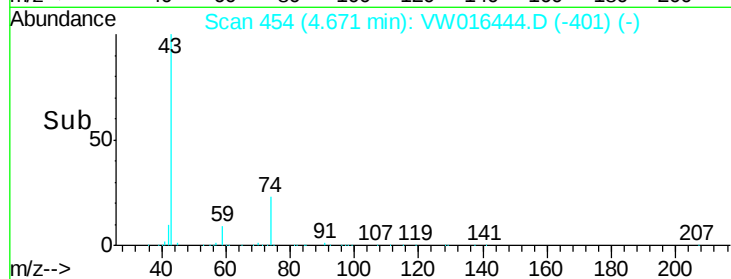
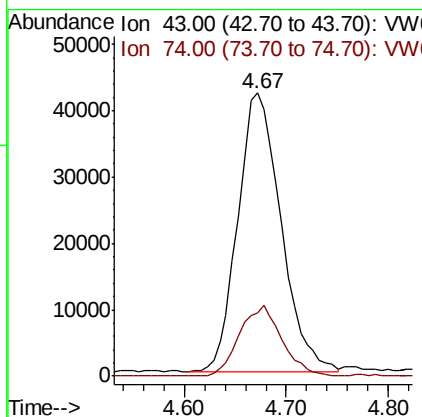
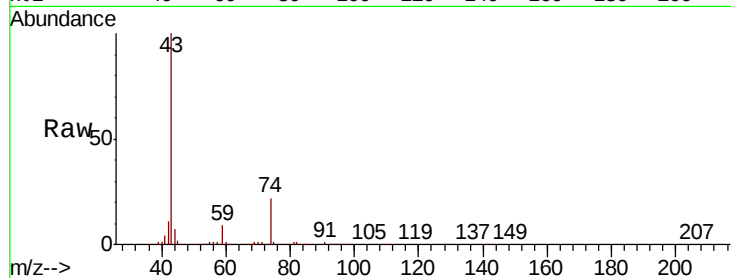




#15
Methyl Acetate
Concen: 24.032 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

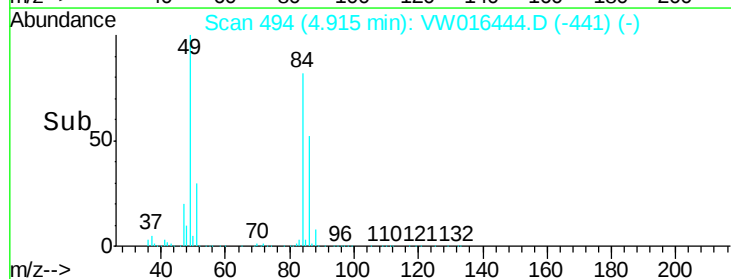
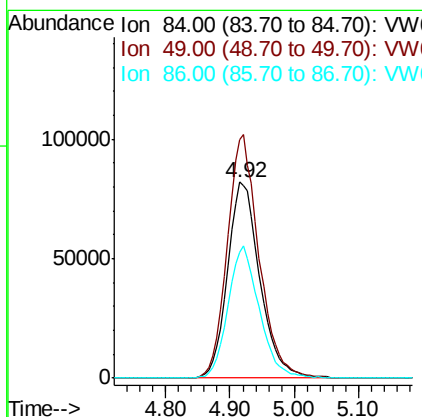
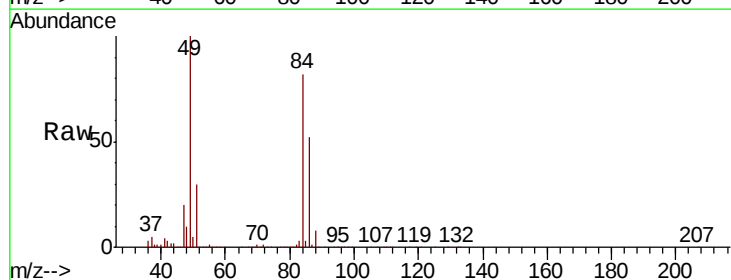
Instrument :
MSVOA_W
ClientSampled :

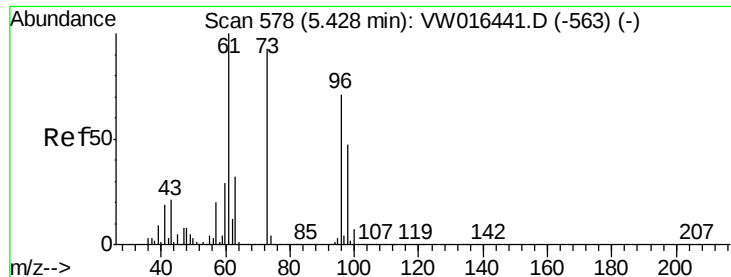
Tot Ion: 43 Resp: 123505
Ion Ratio Lower Upper
43 100
74 25.0 18.9 28.3



#16
Methylene chloride
Concen: 21.057 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

Tgt Ion: 84 Resp: 286335
Ion Ratio Lower Upper
84 100
49 122.0 86.7 160.9
86 64.0 44.9 83.5



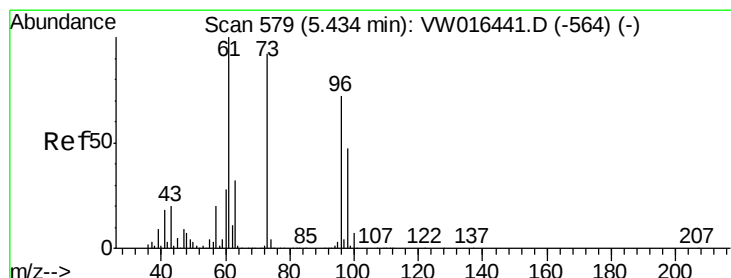
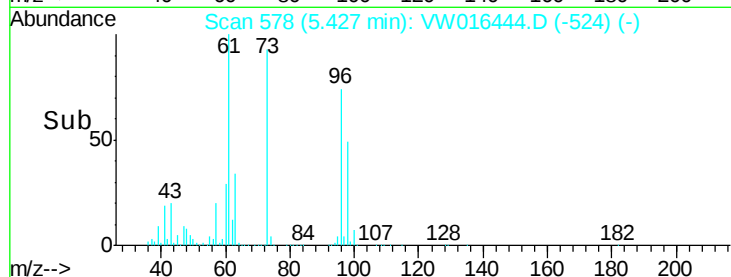
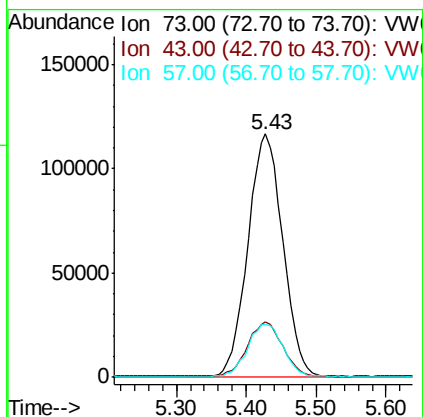
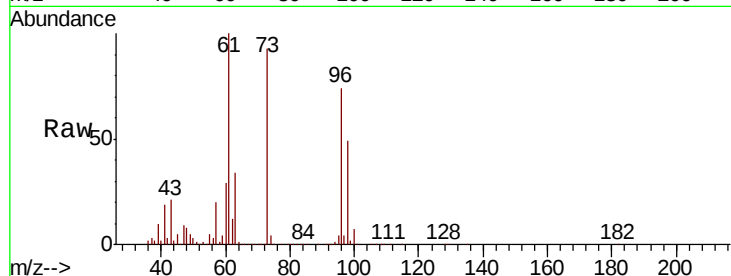


#17

Methyl tert-butyl Ether
 Concen: 25.148 ug/L
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

Instrument :
 MSVOA_W
 ClientSampled :

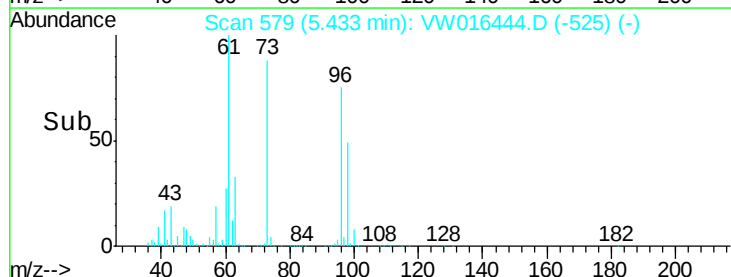
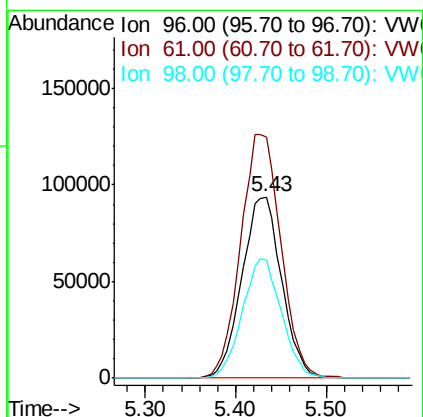
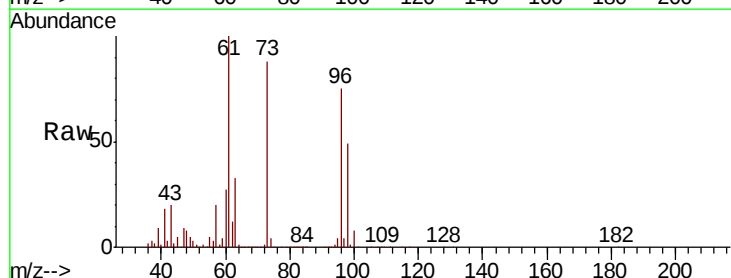
Tot Ion:	73	Resp:	405071
Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.9	26.9
57	21.9	17.4	26.0

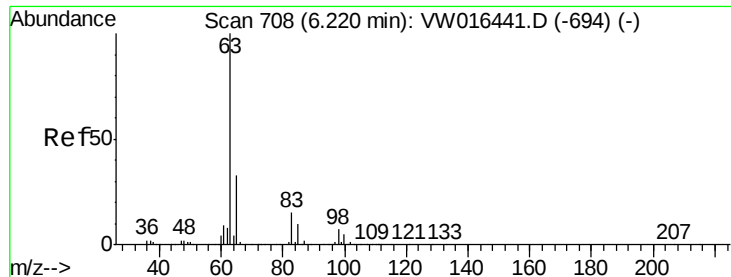


#18

trans-1,2-Dichloroethene
 Concen: 24.956 ug/L
 RT: 5.43 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

Tgt Ion:	96	Resp:	284619
Ion	Ratio	Lower	Upper
96	100		
61	133.3	96.4	179.0
98	65.1	45.1	83.7

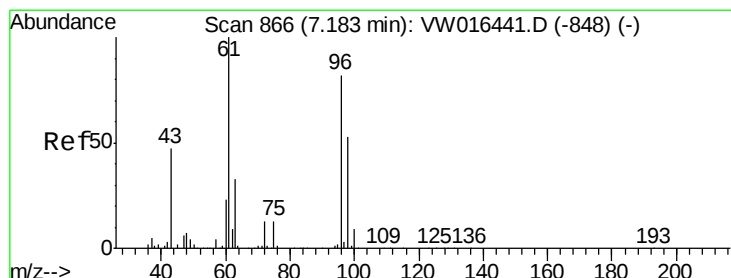
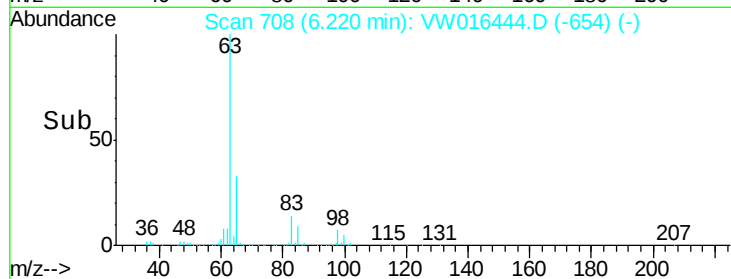
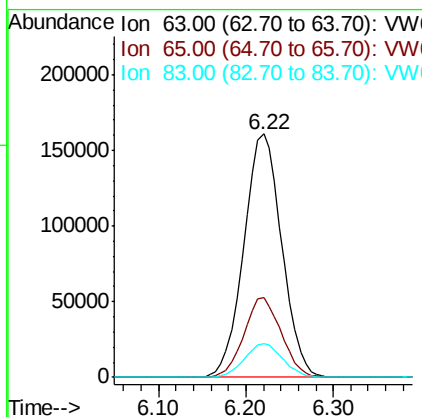
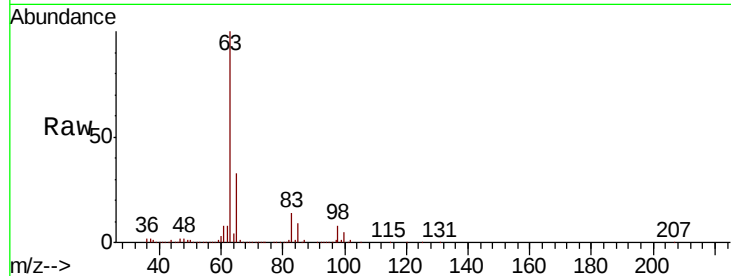




#19
 1,1-Dichloroethane
 Concen: 25.013 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

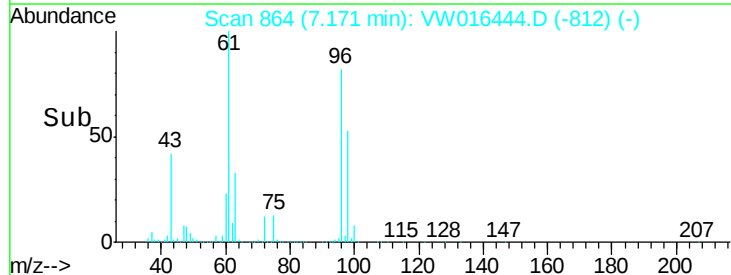
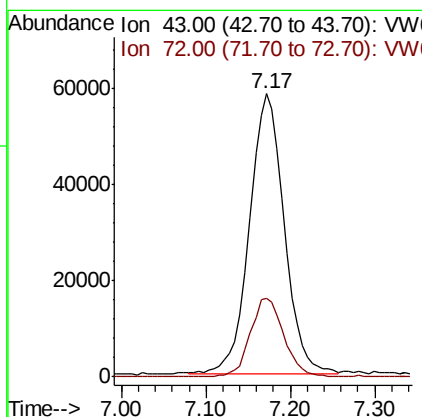
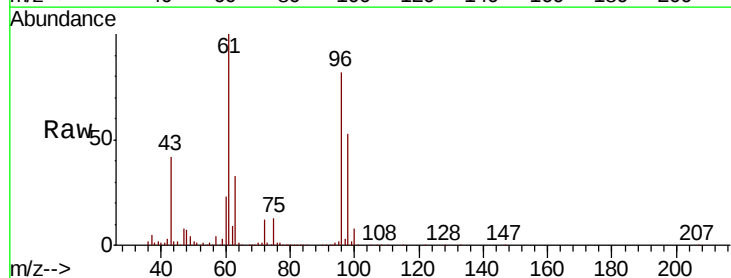
Instrument :
 MSVOA_W
 ClientSampleId :

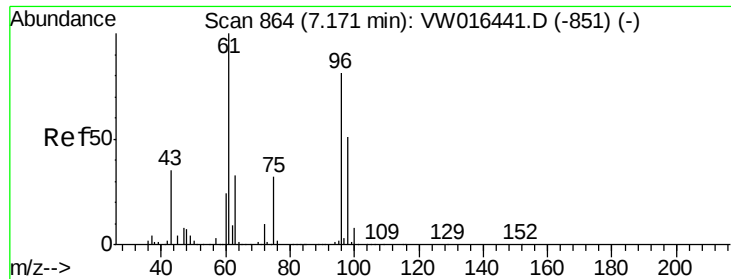
Tot Ion:	63	Resp:	485527
Ion	Ratio	Lower	Upper
63	100		
65	32.6	23.3	43.3
83	14.0	10.3	19.1



#21
 2-Butanone
 Concen: 46.179 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

Tgt Ion:	43	Resp:	164239
Ion	Ratio	Lower	Upper
43	100		
72	27.4	13.5	40.4



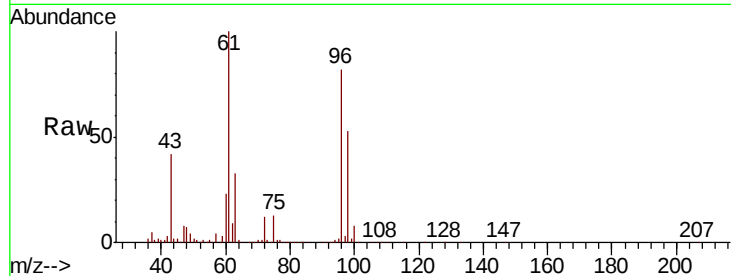


#22

cis-1,2-Dichloroethene
 Concen: 25.519 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	96	Resp	303207
Ion	Ratio	Lower	Upper
96	100		
61	122.4	86.1	159.9
98	65.3	44.1	81.9

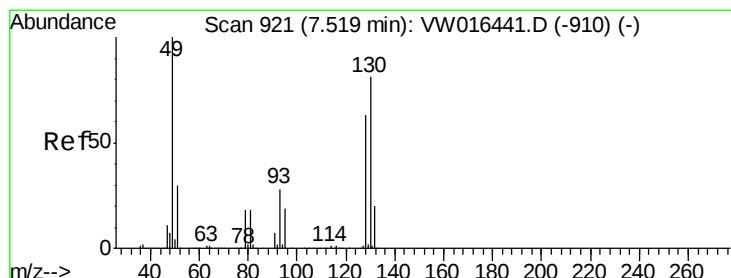
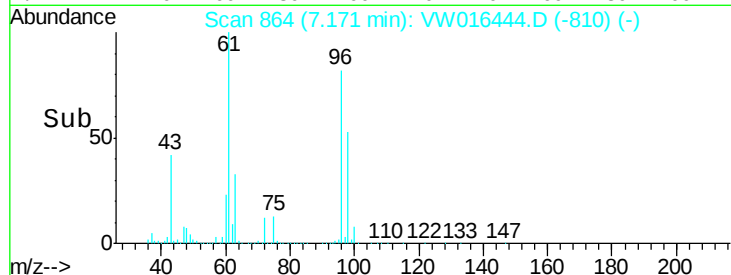
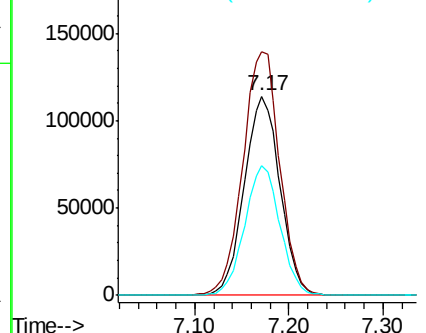


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

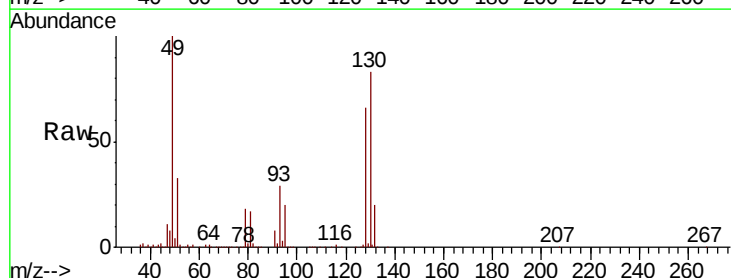
Ion 98.00 (97.70 to 98.70): VW



#23

Bromochloromethane
 Concen: 25.643 ug/L
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

Tgt Ion	128	Resp	141225
Ion	Ratio	Lower	Upper
128	100		
49	151.9	111.6	207.4
130	125.8	90.9	168.7
51	49.7	38.5	57.7



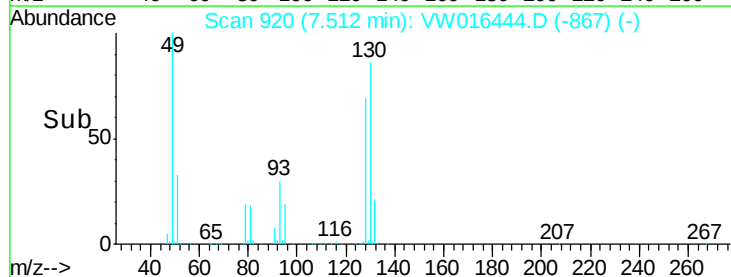
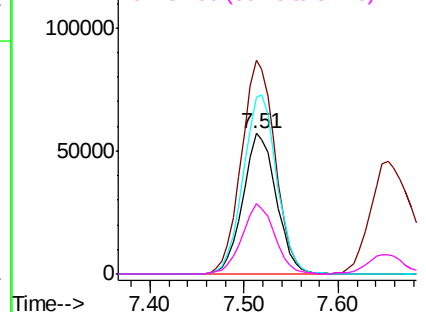
Abundance

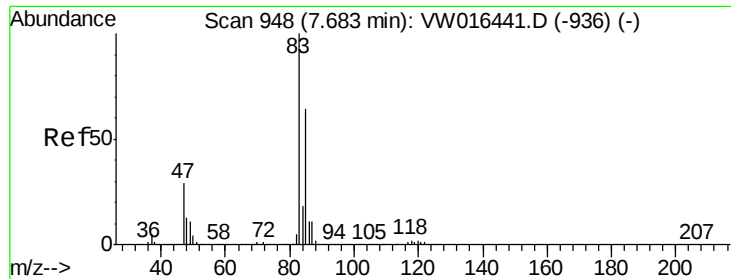
Ion 128.00 (127.70 to 128.70): V

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

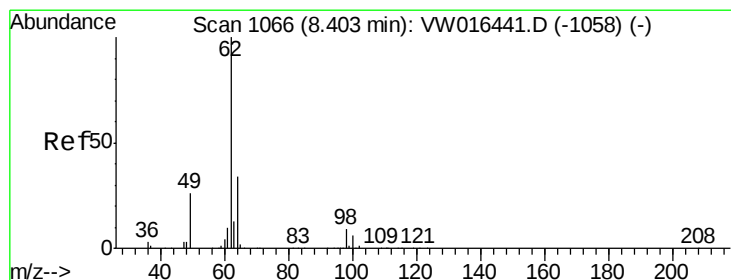
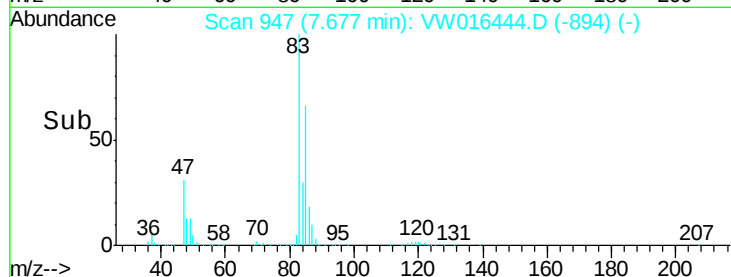
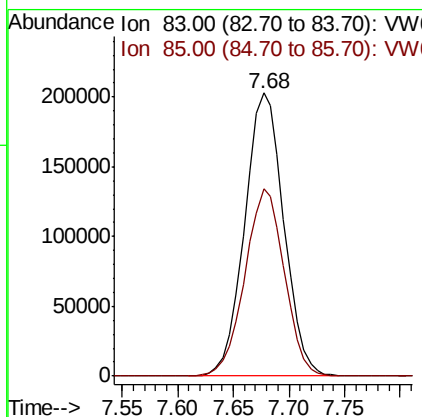
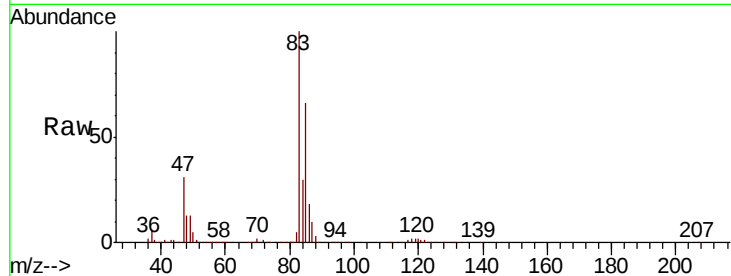




#25
Chloroform
Concen: 24.681 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

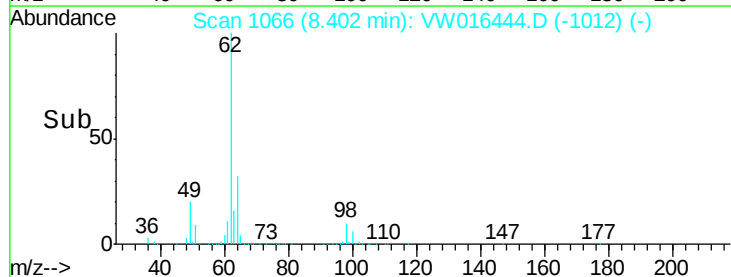
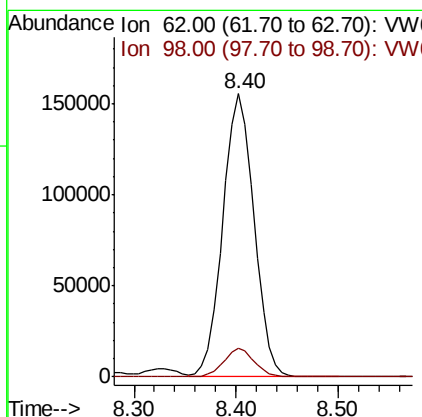
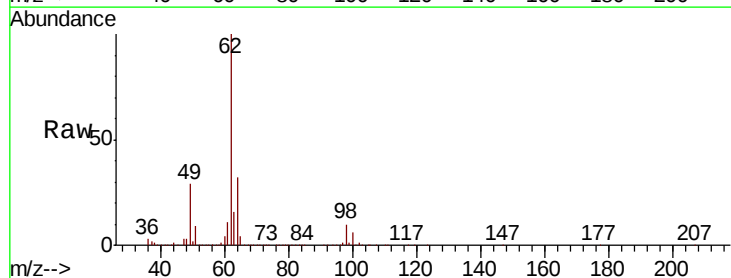
Instrument :
MSVOA_W
ClientSampleId :

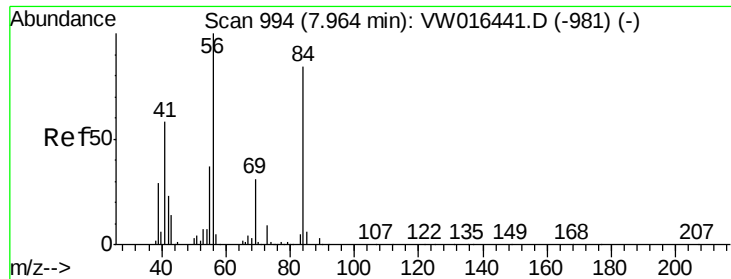
Tot Ion: 83 Resp: 495861
Ion Ratio Lower Upper
83 100
85 66.8 45.6 84.8



#27
1,2-Dichloroethane
Concen: 24.672 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

Tgt Ion: 62 Resp: 330074
Ion Ratio Lower Upper
62 100
98 10.0 7.3 10.9

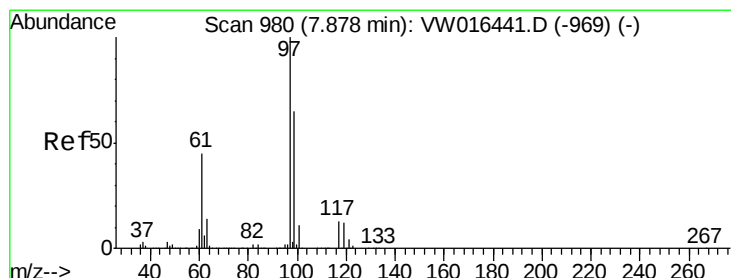
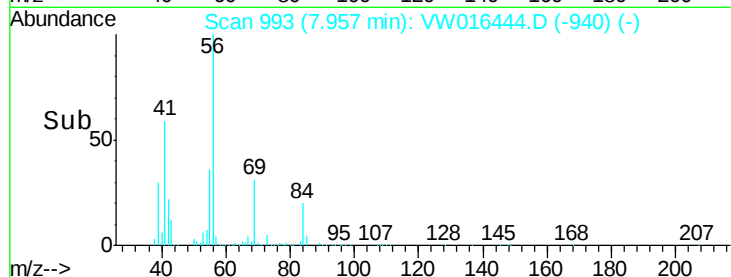
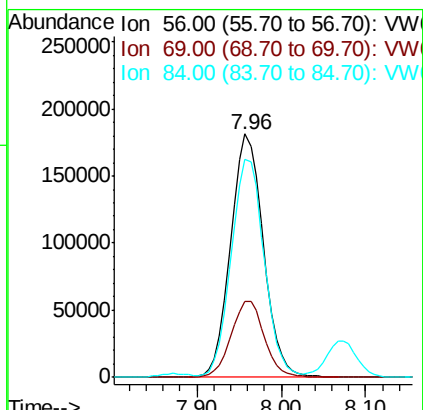
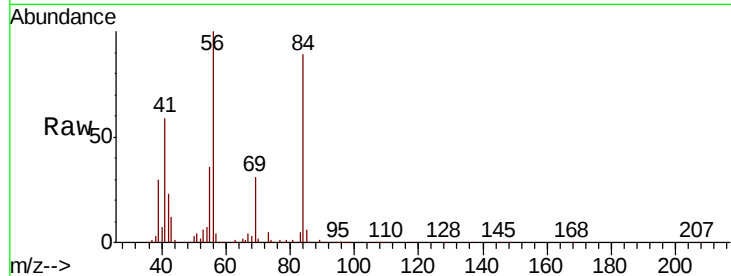




#30
Cvclohexane
Concen: 25.104 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

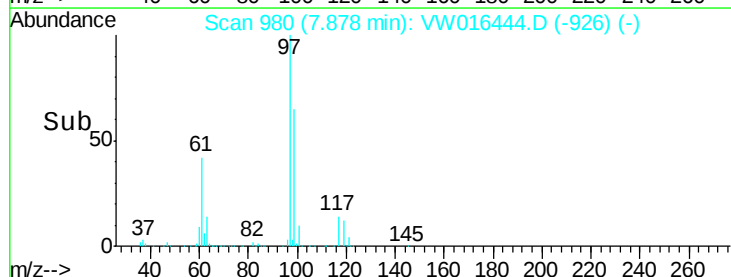
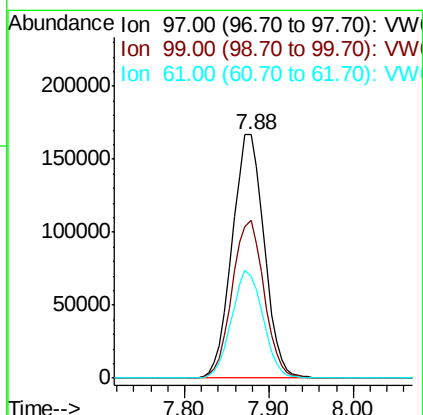
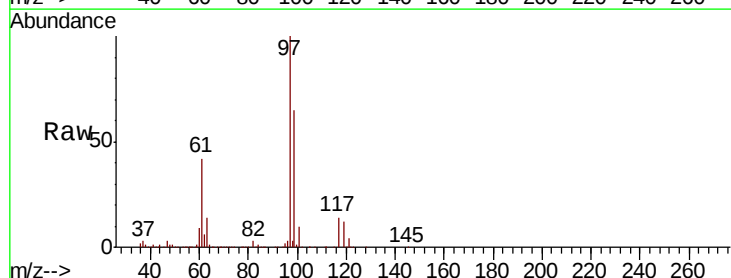
Instrument :
MSVOA_W
ClientSampled :

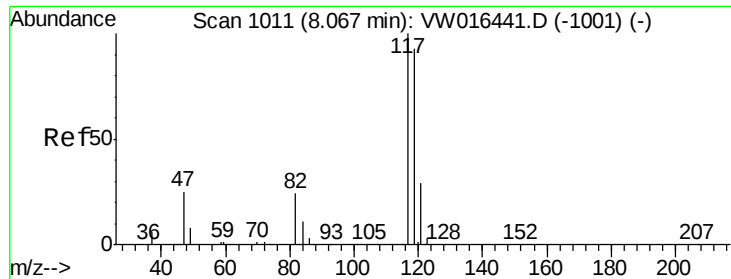
Tot Ion	56	Resp	474467
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.3	37.9
84	90.8	71.6	107.4



#31
1,1,1-Trichloroethane
Concen: 25.014 ug/L
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

Tgt Ion	97	Resp	428560
Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.2	78.2
61	43.4	36.3	54.5





#32

Carbon tetrachloride

Concen: 25.629 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

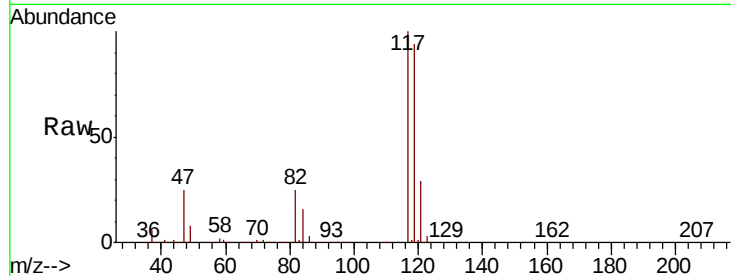
ClientSampleId :

Tot Ion:117 Resp: 419997

Ion Ratio Lower Upper

117 100

119 95.8 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

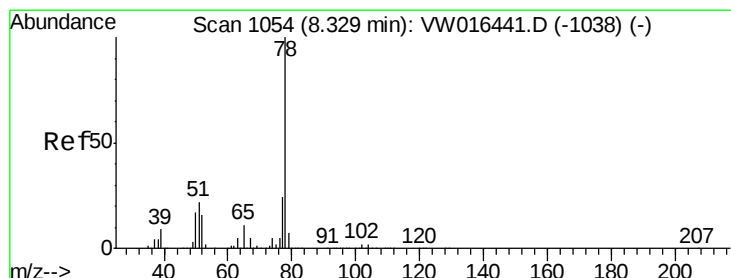
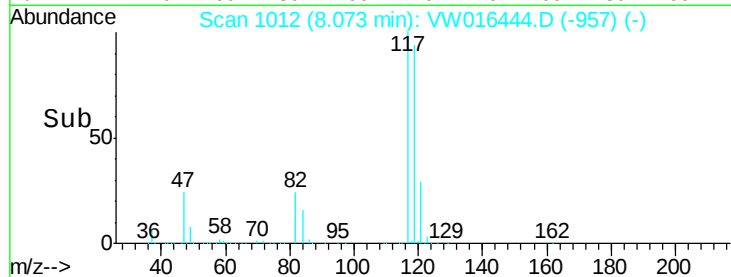
150000

100000

50000

0

Time-->



#34

Benzene

Concen: 25.361 ug/L

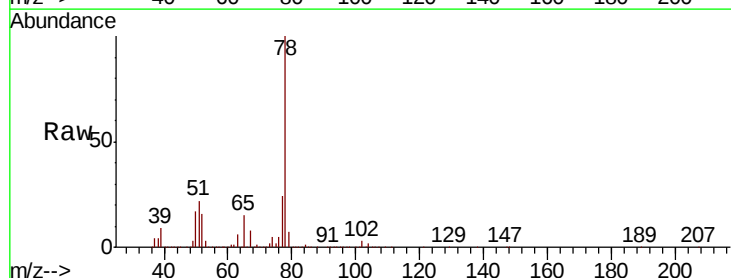
RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Tgt Ion: 78 Resp: 1097109



Abundance Ion 78.00 (77.70 to 78.70): VW

8.32

500000

400000

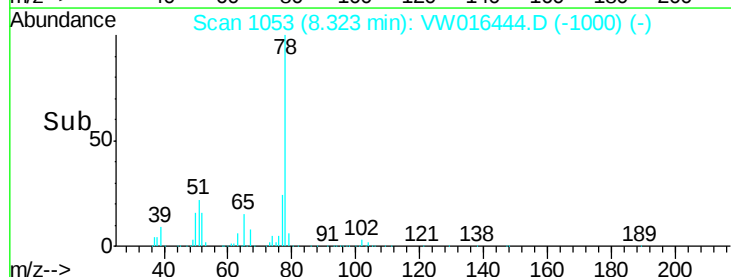
300000

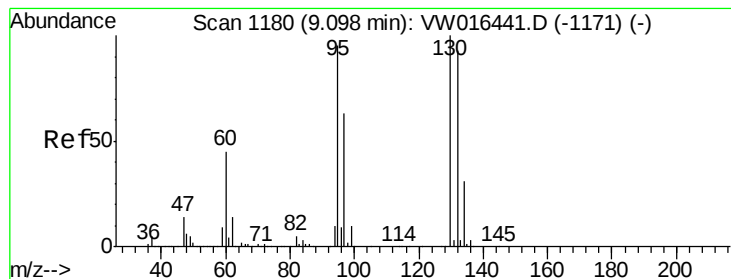
200000

100000

0

Time-->





#35

Trichloroethene

Concen: 25.252 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 302691

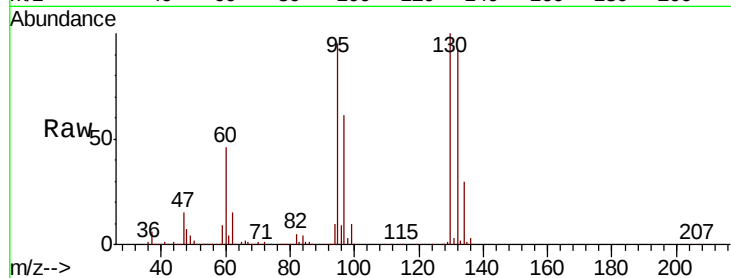
Ion Ratio Lower Upper

95 100

97 63.7 44.9 83.5

132 100.5 69.2 128.4

130 105.0 72.0 133.6

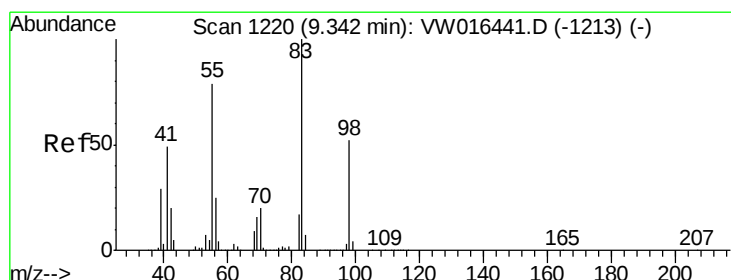
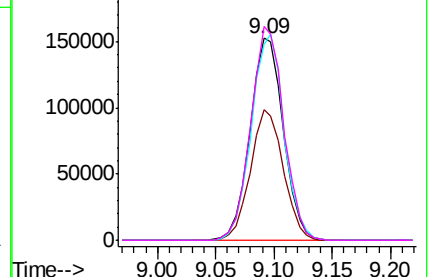
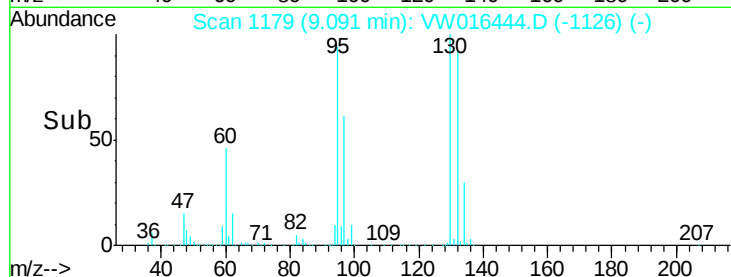


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 25.271 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

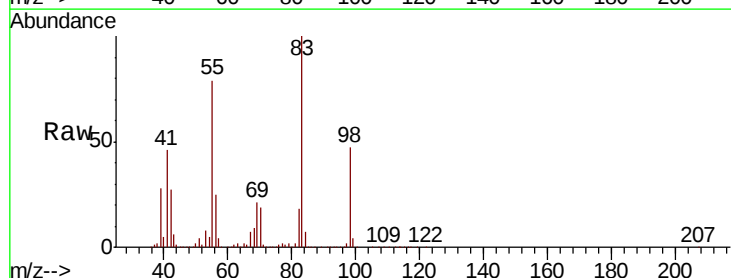
Tgt Ion: 83 Resp: 529992

Ion Ratio Lower Upper

83 100

55 75.5 60.9 91.3

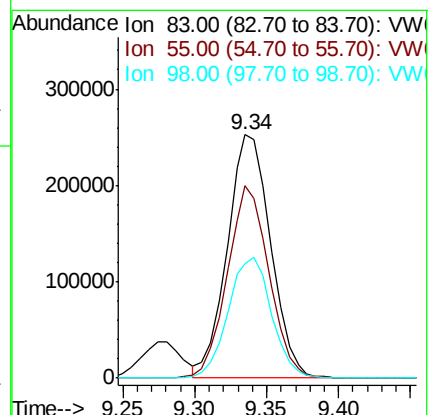
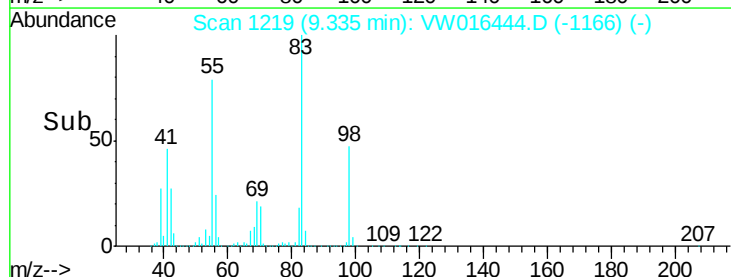
98 49.6 40.0 60.0

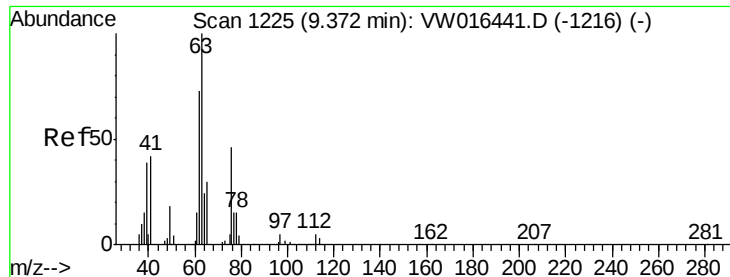


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 24.878 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

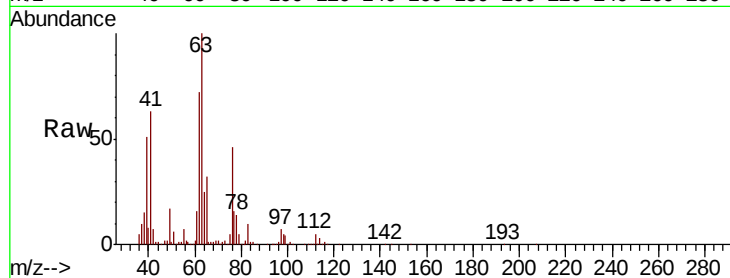
ClientSampleId :

Tot Ion: 63 Resp: 266096

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.37

150000

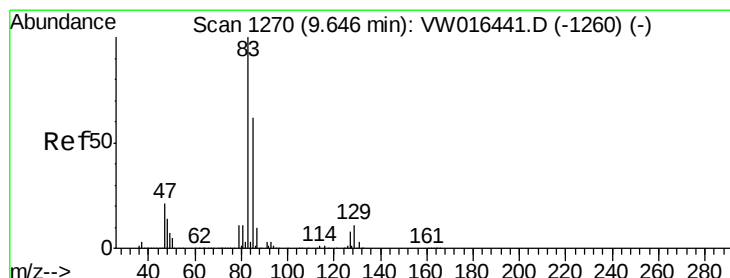
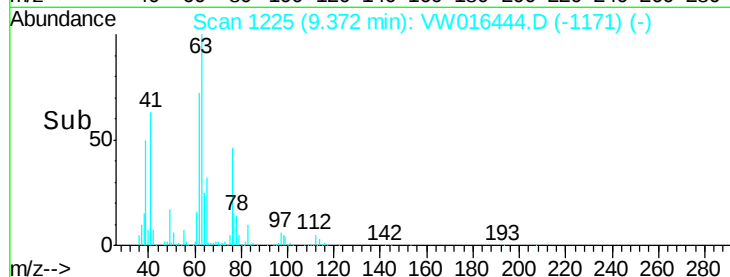
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#41

Bromodichloromethane

Concen: 25.078 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

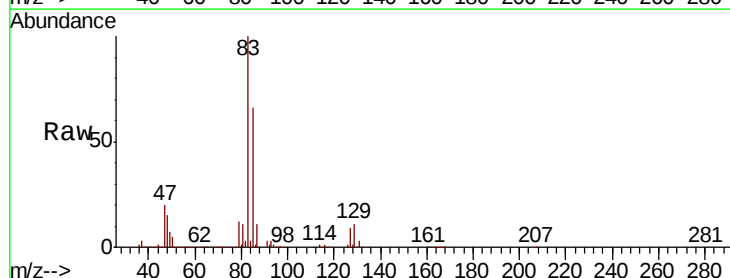
Tgt Ion: 83 Resp: 375016

Ion Ratio Lower Upper

83 100

85 66.0 43.5 80.7

127 8.7 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

250000

200000

150000

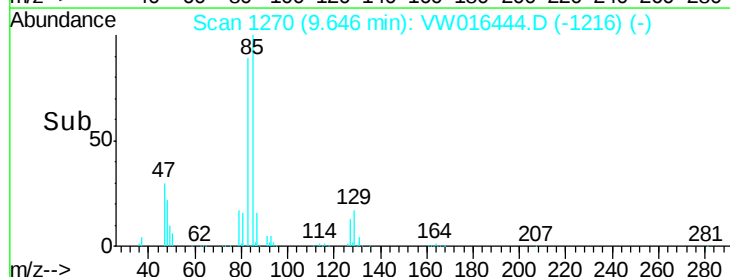
100000

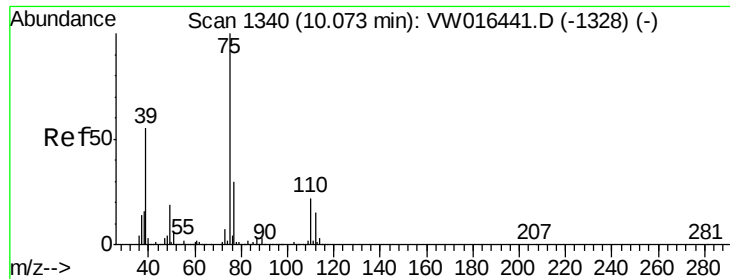
50000

0

Time-->

9.55 9.60 9.65 9.70 9.75





#42

cis-1,3-Dichloropropene

Concen: 25.356 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

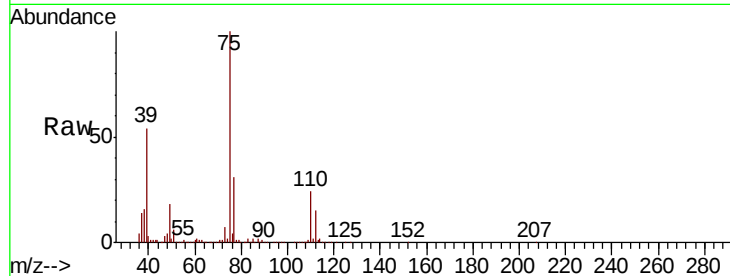
ClientSampled :

Tot Ion: 75 Resp: 460238

Ion Ratio Lower Upper

75 100

77 31.3 20.9 38.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.07

250000

200000

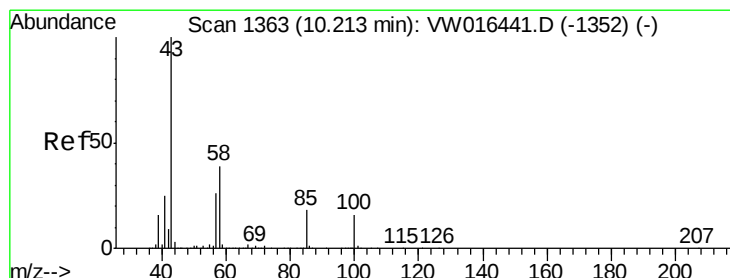
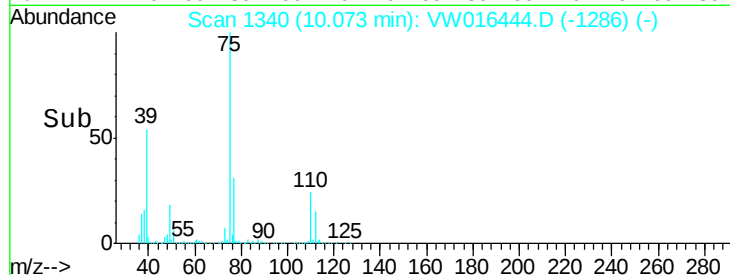
150000

100000

50000

0

Time-->



#43

4-Methyl-2-pentanone

Concen: 47.422 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

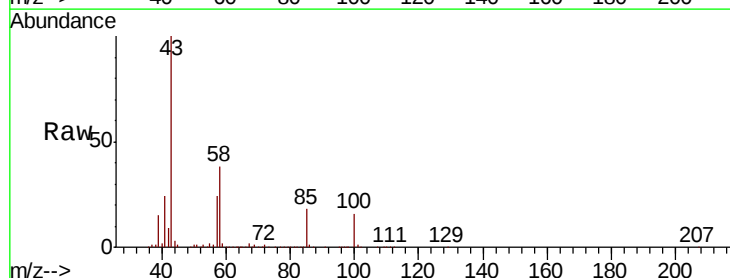
Tgt Ion: 43 Resp: 359172

Ion Ratio Lower Upper

43 100

58 39.1 30.6 45.8

100 16.8 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.21

250000

200000

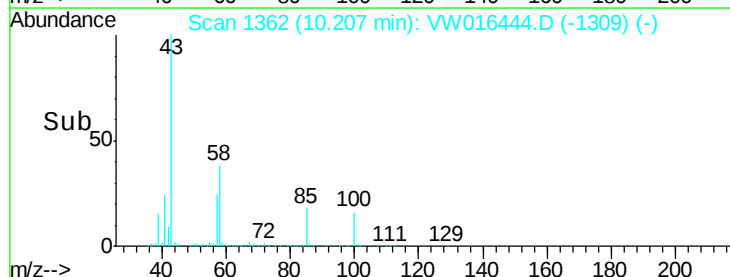
150000

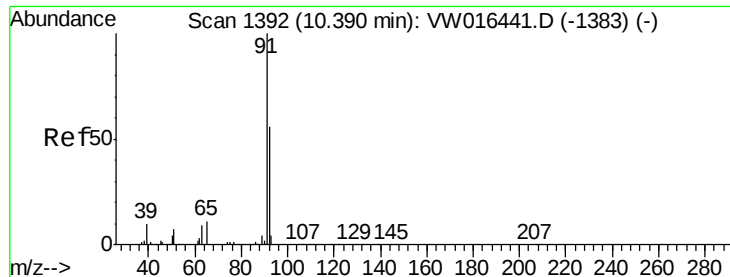
100000

50000

0

Time-->





#44

Toluene

Concen: 25.001 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

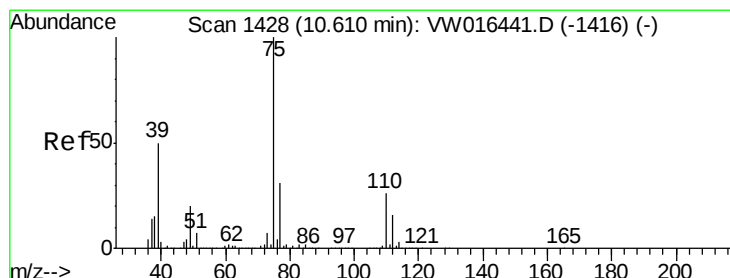
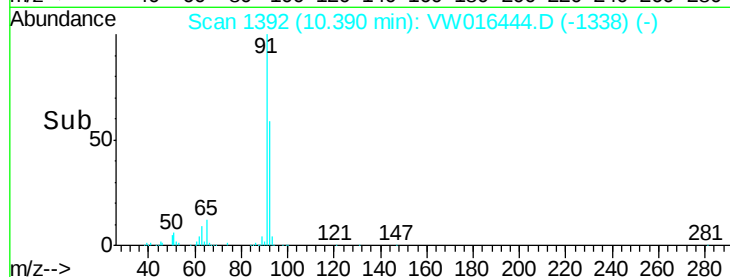
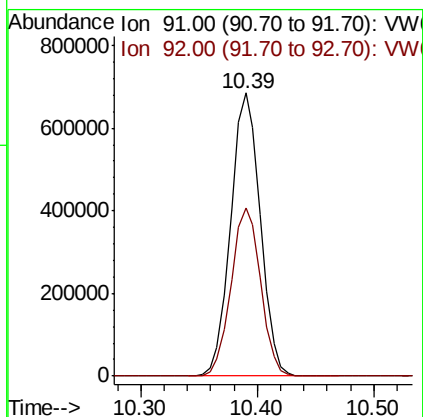
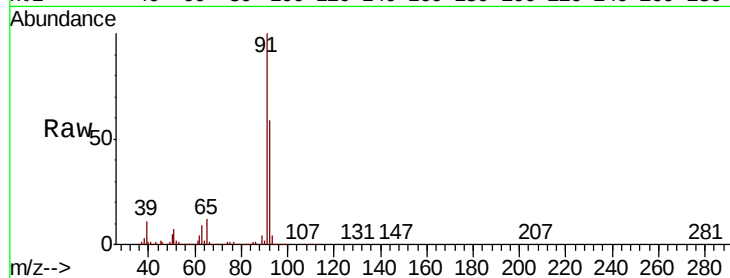
ClientSampleId :

Tot Ion: 91 Resp: 1210237

Ion Ratio Lower Upper

91 100

92 59.2 39.5 73.4



#45

trans-1,3-Dichloropropene

Concen: 25.026 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016444.D

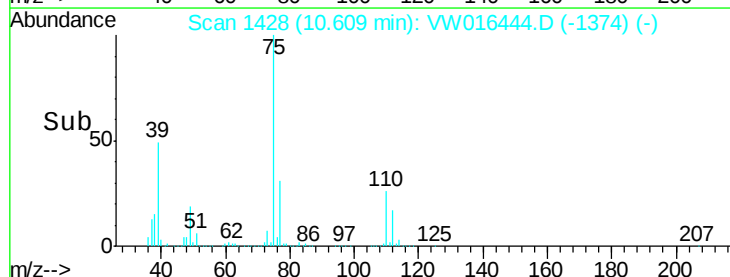
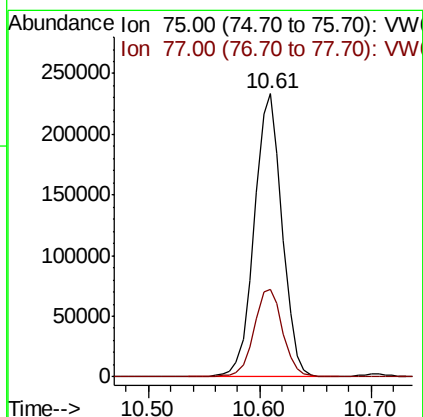
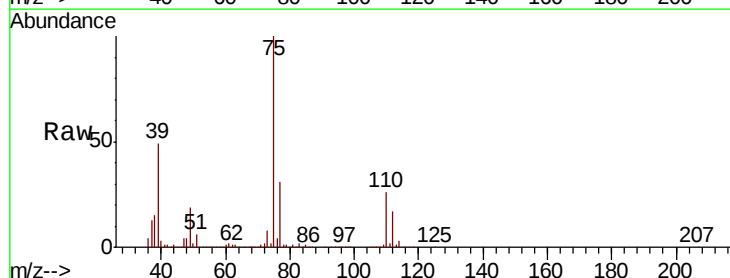
Acq: 03 Sep 2020 13:50

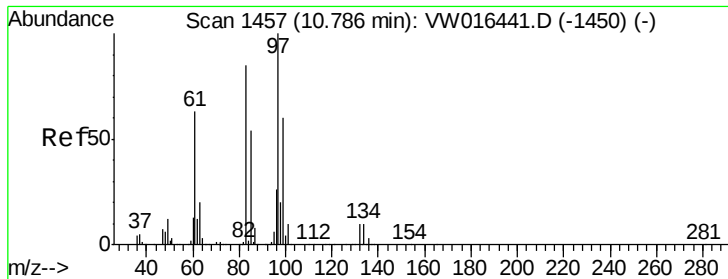
Tgt Ion: 75 Resp: 406033

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7





#46

1,1,2-Trichloroethane

Concen: 24.817 ug/L

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 210382

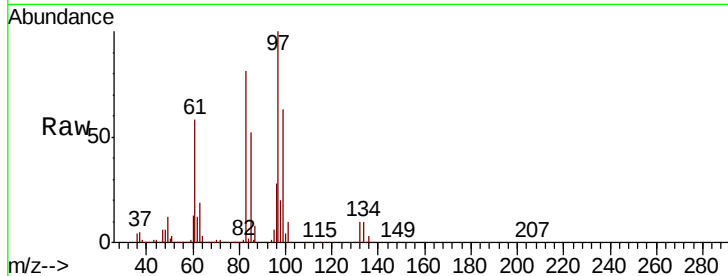
Ion Ratio Lower Upper

97 100

83 81.3 59.7 110.9

85 52.5 37.6 69.8

99 63.3 42.3 78.5

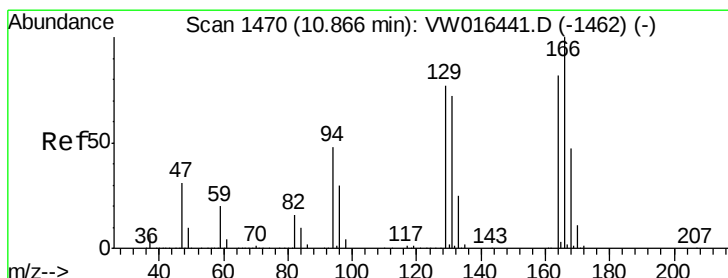
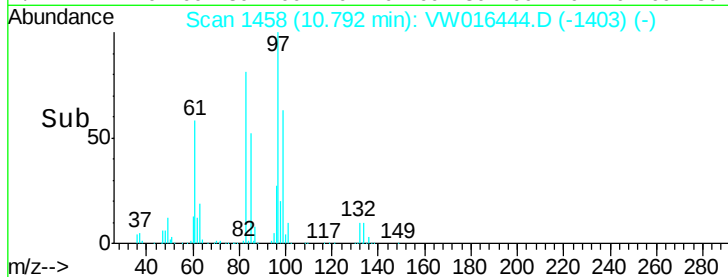
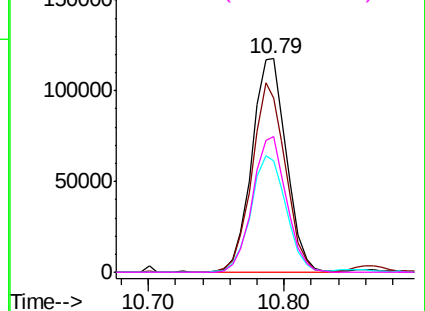


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 24.978 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Tgt Ion: 164 Resp: 240058

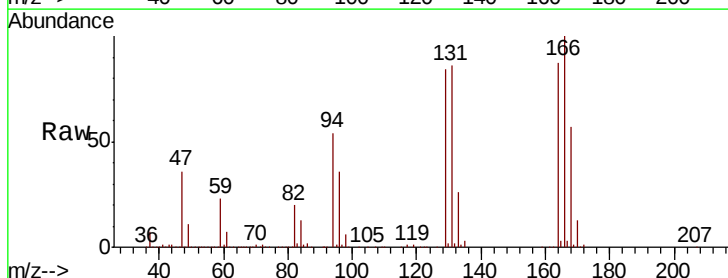
Ion Ratio Lower Upper

164 100

129 95.5 65.7 121.9

131 98.8 61.1 113.5

166 114.3 85.0 157.8

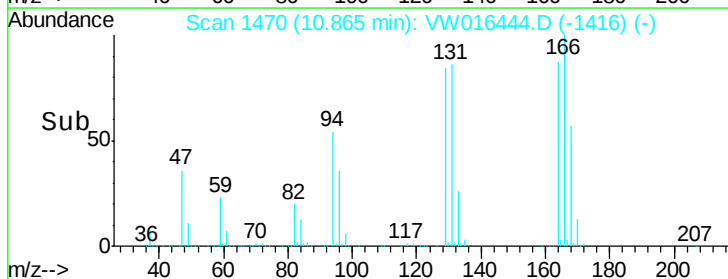
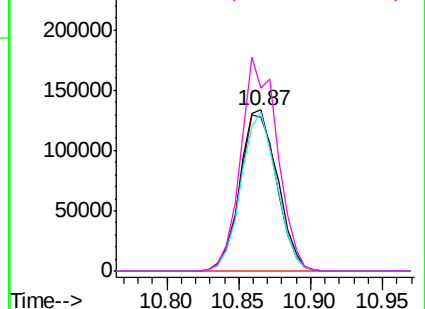


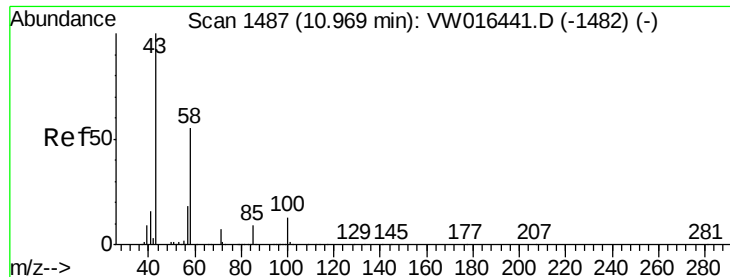
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

2-Hexanone

Concen: 48.203 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 254257

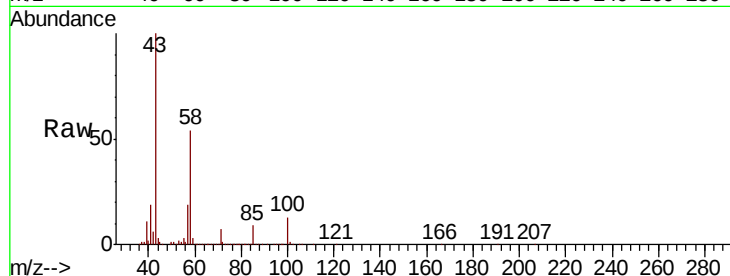
Ion Ratio Lower Upper

43 100

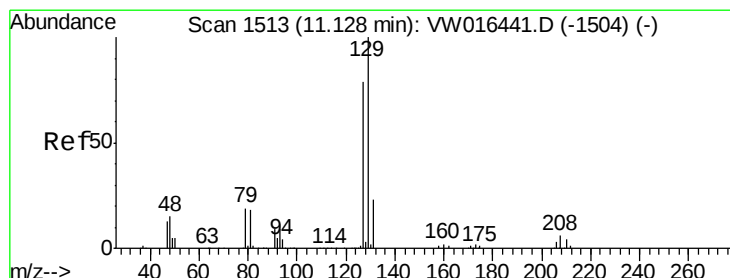
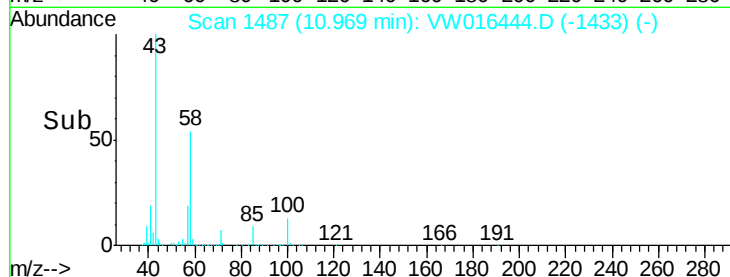
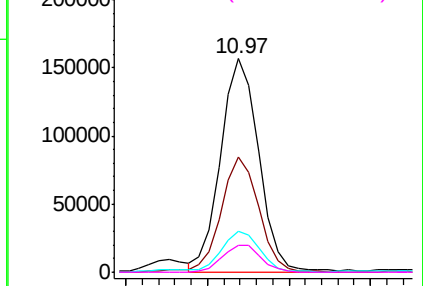
58 54.2 42.1 63.1

57 19.0 14.9 22.3

100 13.1 10.3 15.5



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: 25.188 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW016444.D

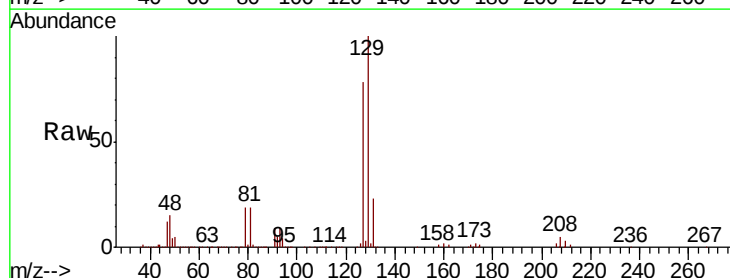
Acq: 03 Sep 2020 13:50

Tgt Ion: 129 Resp: 270003

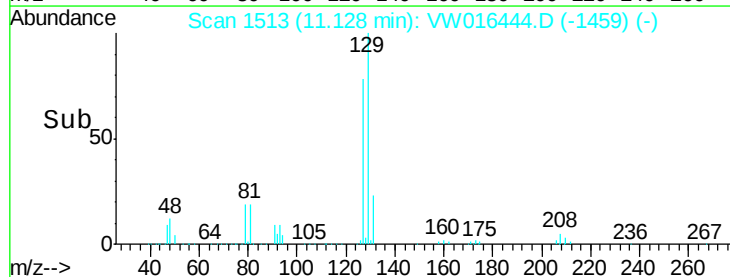
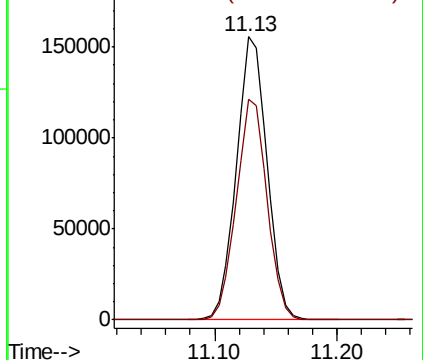
Ion Ratio Lower Upper

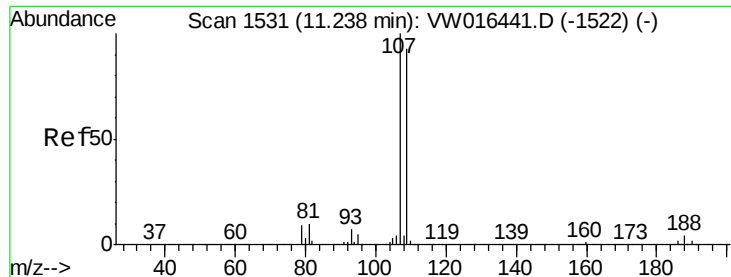
129 100

127 77.9 55.4 103.0



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

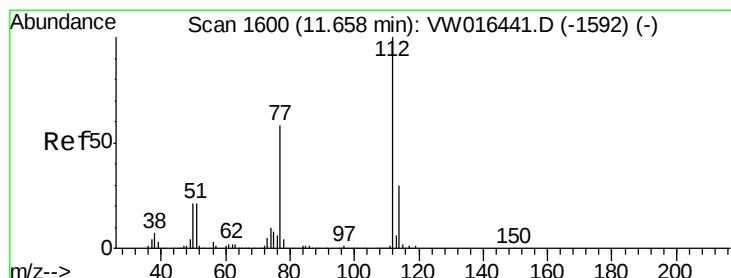
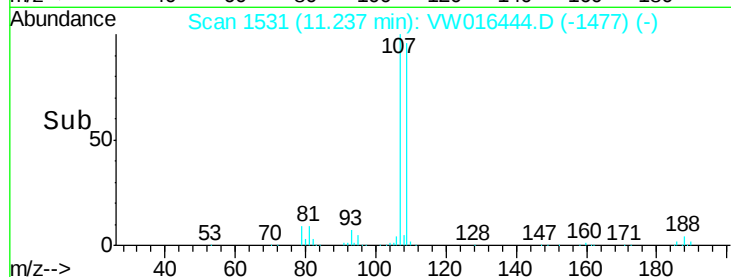
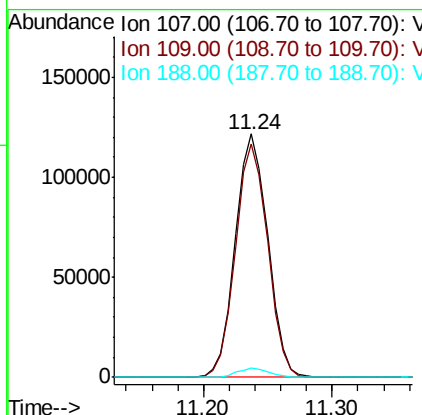
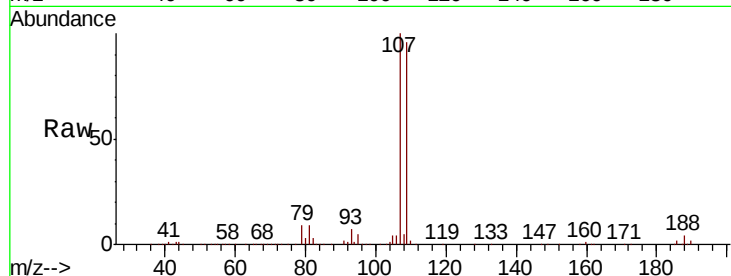




#51
1,2-Dibromoethane
Concen: 25.091 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

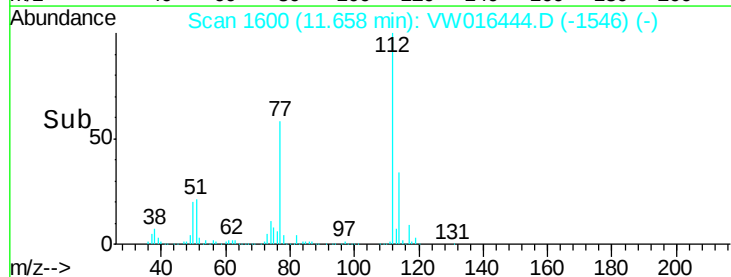
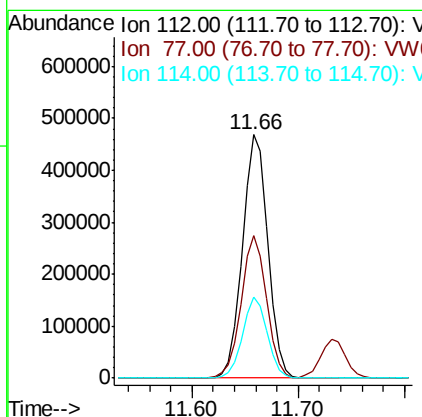
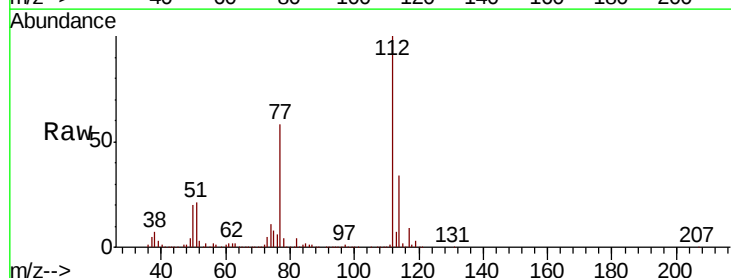
Instrument :
MSVOA_W
ClientSampleId :

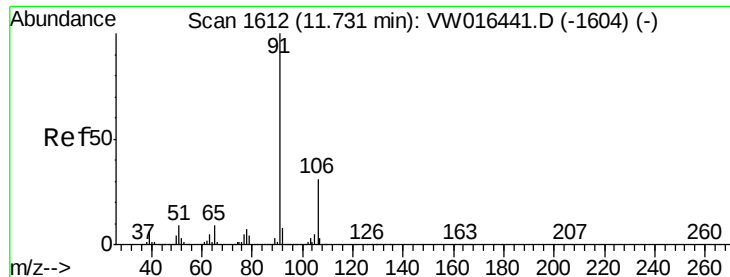
Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	64.8	120.4
188	3.9	3.4	5.0



#52
Chlorobenzene
Concen: 25.484 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

Tgt Ion	Ratio	Lower	Upper
112	100		
77	58.4	46.2	69.2
114	33.5	21.1	39.3

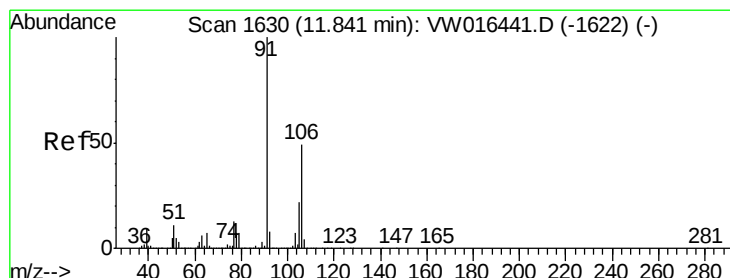
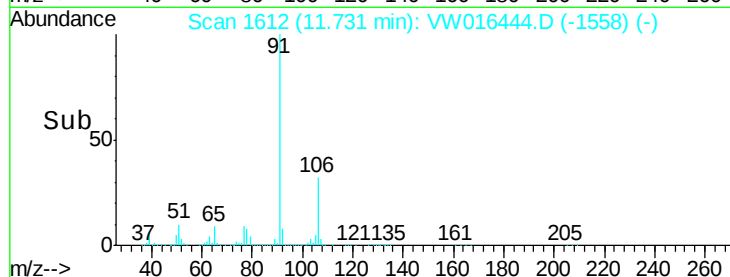
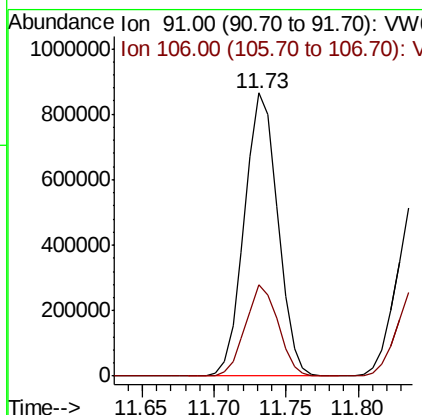
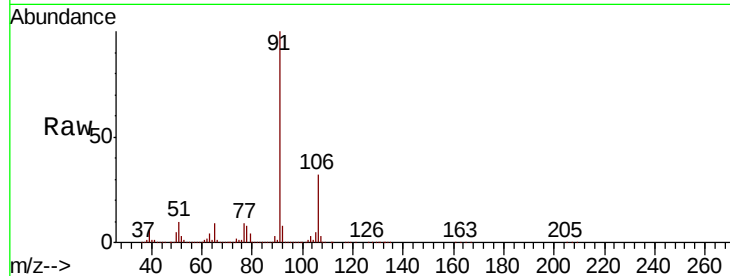




#53
Ethylbenzene
Concen: 25.409 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

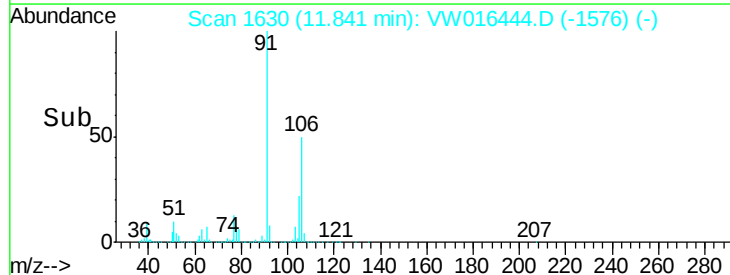
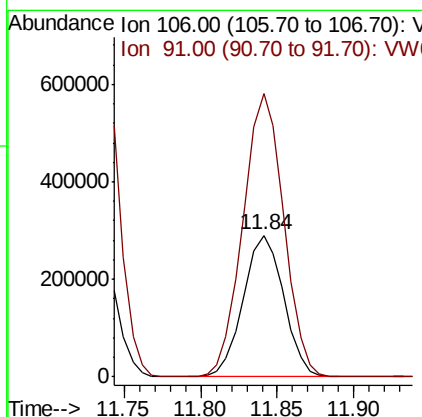
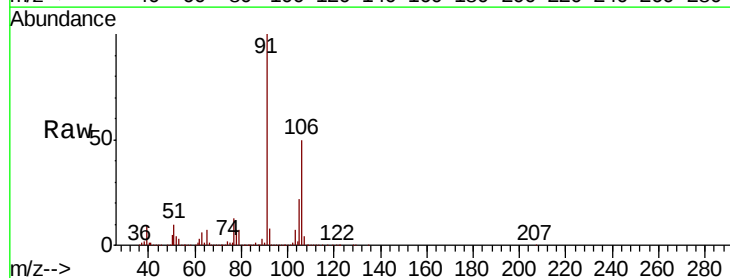
Instrument :
MSVOA_W
ClientSampleId :

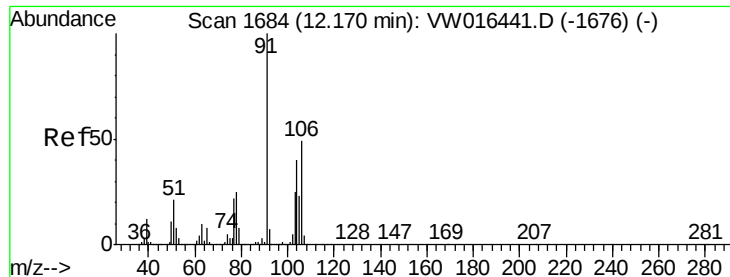
Tot Ion: 91 Resp: 1385430
Ion Ratio Lower Upper
91 100
106 32.2 21.6 40.2



#54
m,p-Xylene
Concen: 25.497 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016444.D
Acq: 03 Sep 2020 13:50

Tgt Ion:106 Resp: 531343
Ion Ratio Lower Upper
106 100
91 199.9 142.3 264.3





#55

o-xylene

Concen: 25.404 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

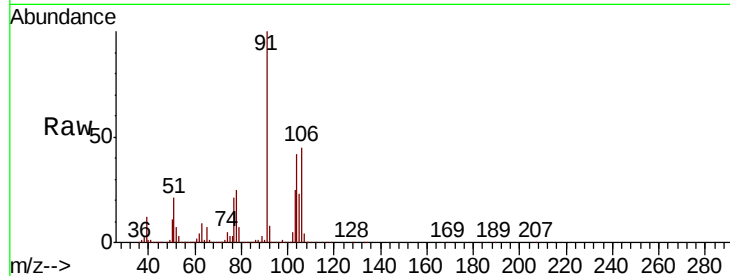
ClientSampled :

Tot Ion:106 Resp: 504291

Ion Ratio Lower Upper

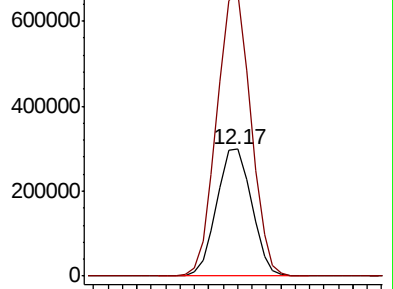
106 100

91 223.1 144.3 267.9

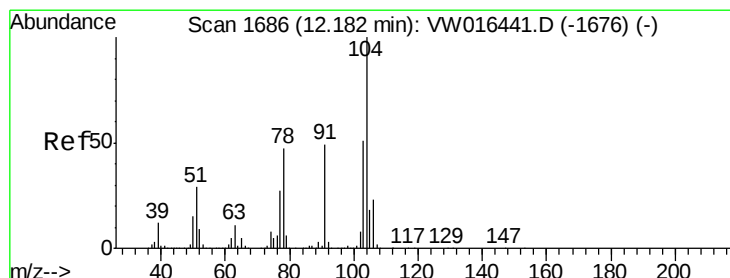
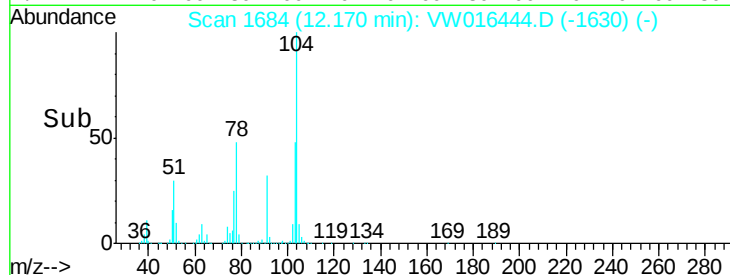


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time-->



#56

Styrene

Concen: 25.162 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW016444.D

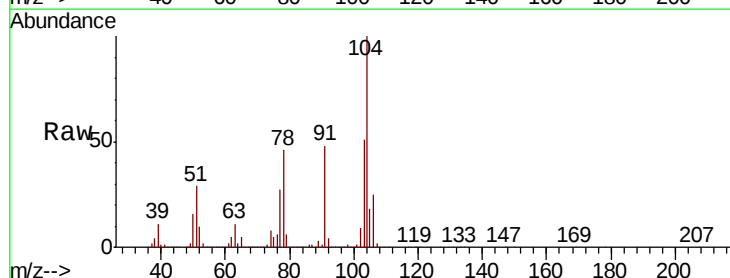
Acq: 03 Sep 2020 13:50

Tgt Ion:104 Resp: 858197

Ion Ratio Lower Upper

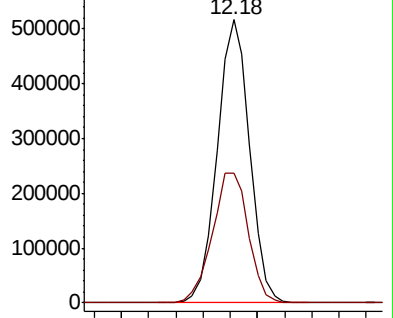
104 100

78 45.8 32.8 61.0

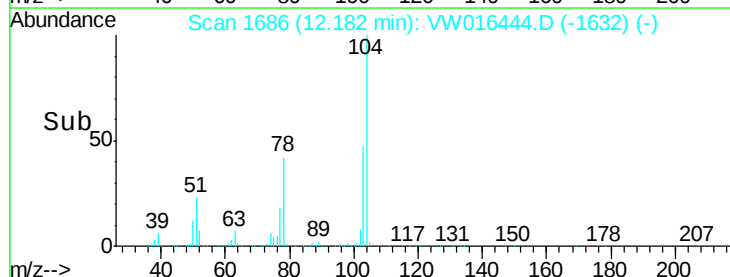


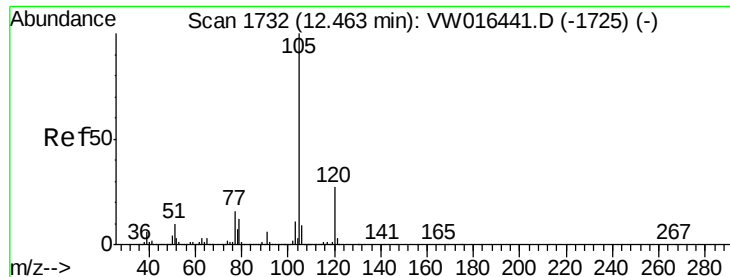
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW



Time-->





#57

Isopropylbenzene

Concen: 25.448 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

ClientSampled :

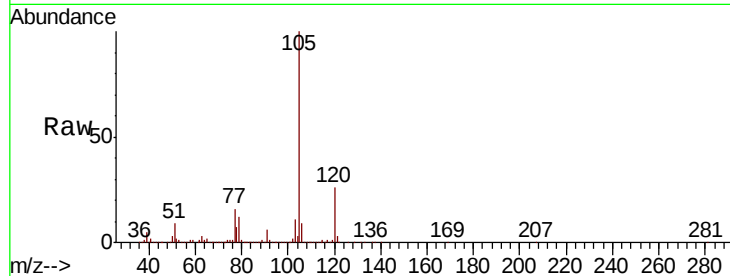
Tot Ion:105 Resp: 1383801

Ion Ratio Lower Upper

105 100

120 26.9 21.9 32.9

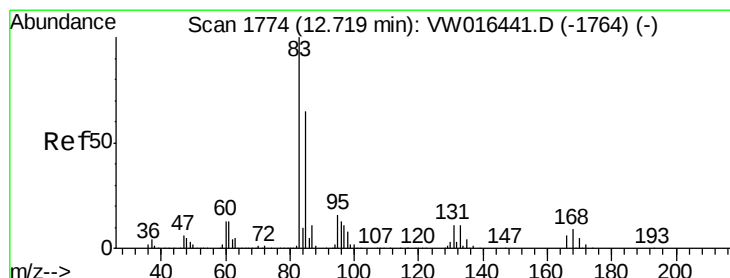
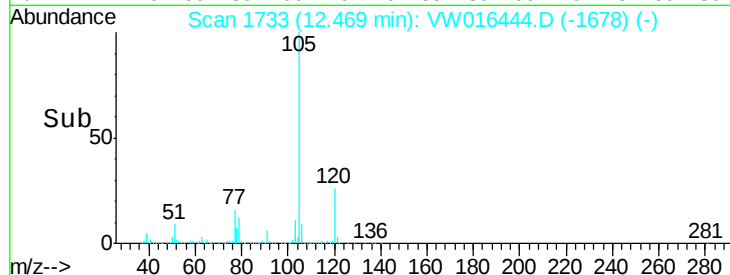
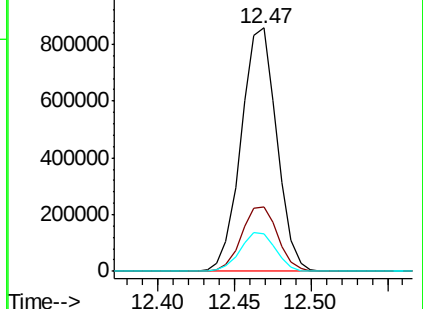
77 16.1 13.0 19.6



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: 24.211 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

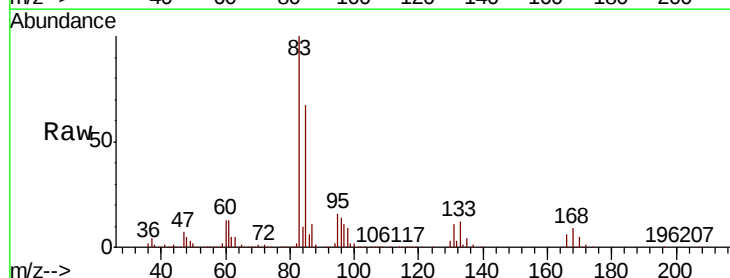
Tgt Ion: 83 Resp: 244667

Ion Ratio Lower Upper

83 100

85 66.6 45.3 84.1

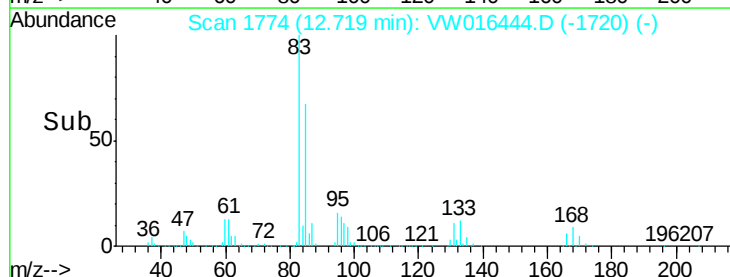
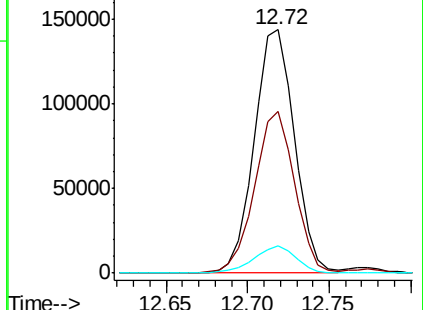
131 11.1 8.7 13.1

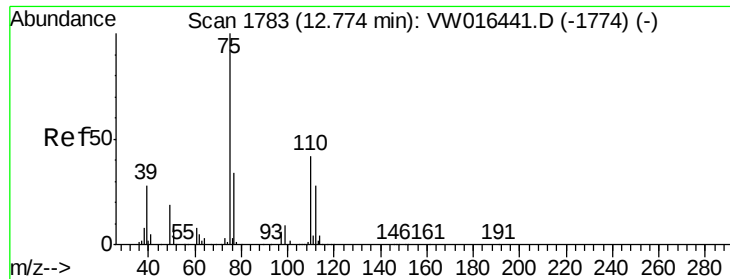


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 24.326 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

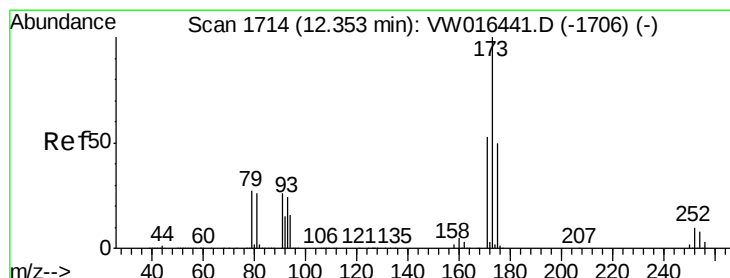
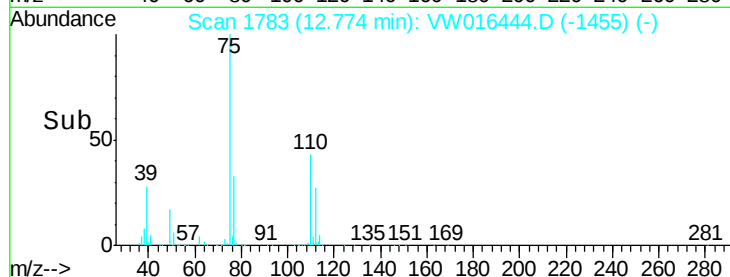
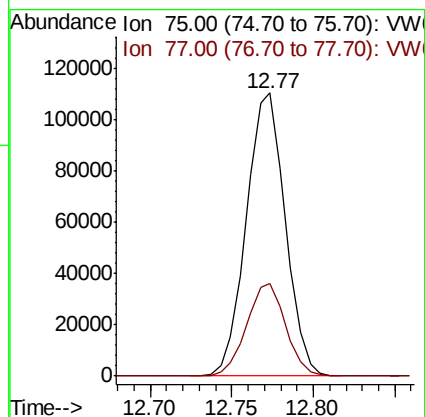
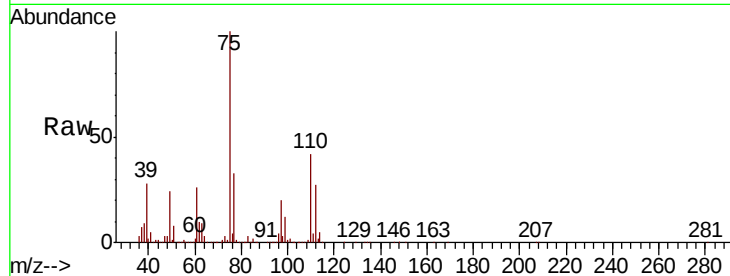
ClientSampleId :

Tot Ion: 75 Resp: 183737

Ion Ratio Lower Upper

75 100

77 32.4 26.0 39.0



#62

Bromoform

Concen: 24.108 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

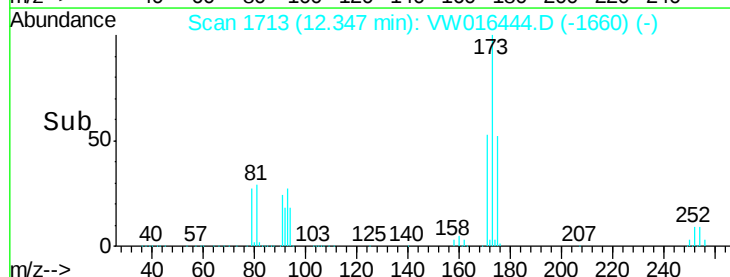
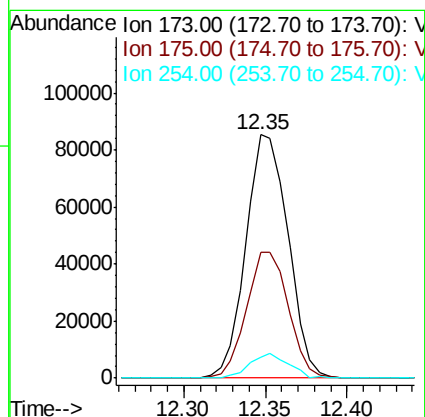
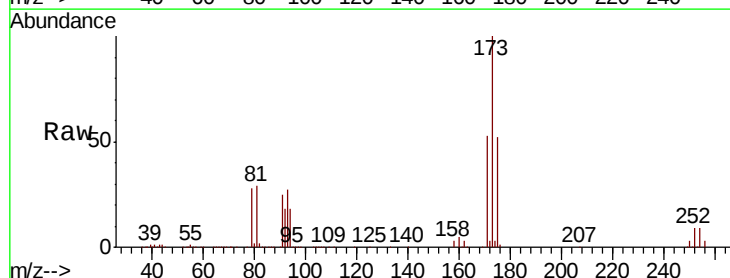
Tgt Ion: 173 Resp: 153910

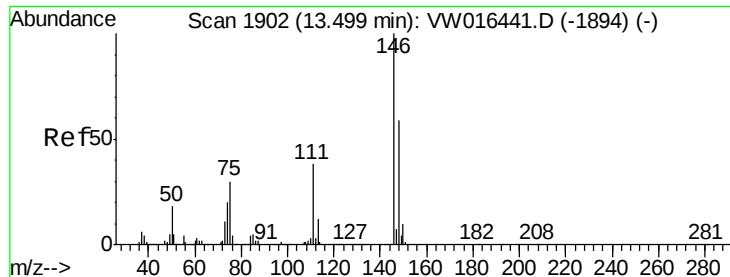
Ion Ratio Lower Upper

173 100

175 51.6 39.2 58.8

254 9.2 5.8 8.6#





#63

1,3-Dichlorobenzene

Concen: 25.798 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

ClientSampleId :

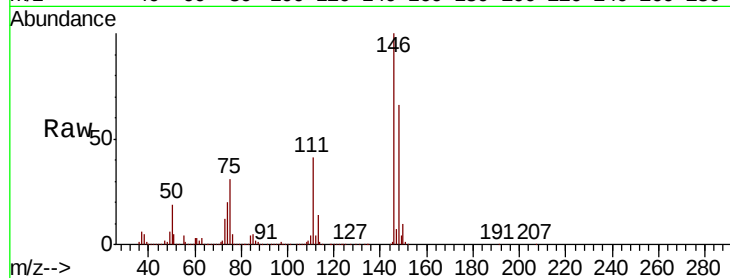
Tot Ion:146 Resp: 617944

Ion Ratio Lower Upper

146 100

111 41.2 26.5 49.3

148 65.6 41.3 76.7

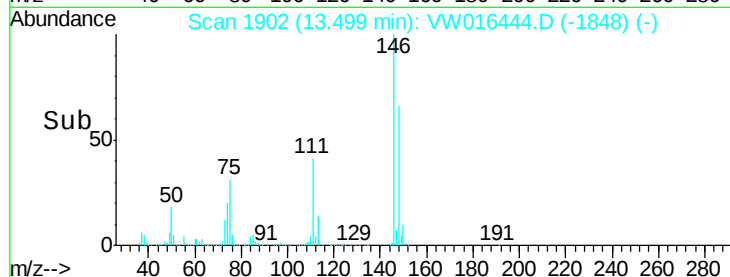


Abundance Ion 146.00 (145.70 to 146.70): V

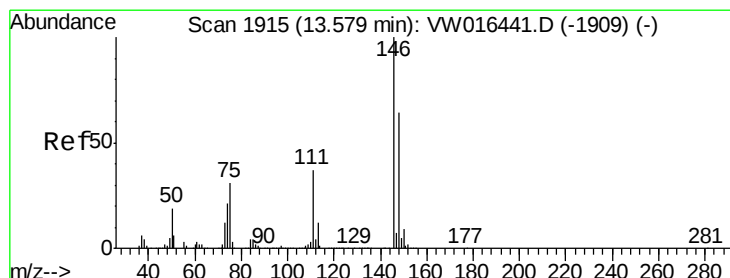
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

Time-->



Time-->



#64

1,4-Dichlorobenzene

Concen: 25.630 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

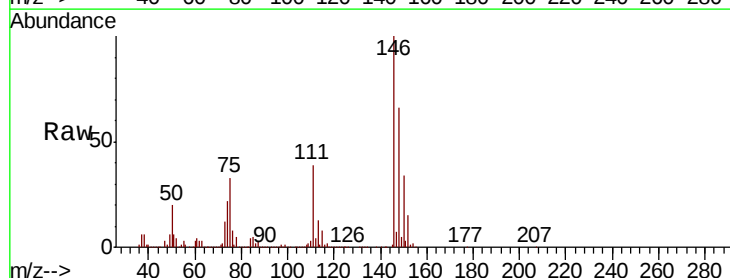
Tgt Ion:146 Resp: 608720

Ion Ratio Lower Upper

146 100

111 39.2 26.4 49.0

148 65.6 45.1 83.9

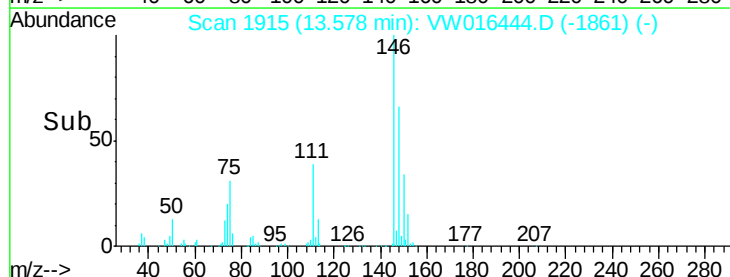


Abundance Ion 146.00 (145.70 to 146.70): V

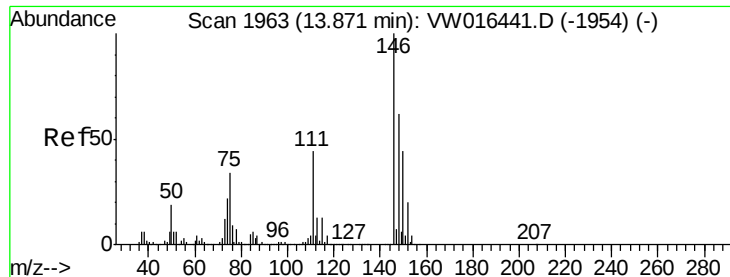
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

Time-->



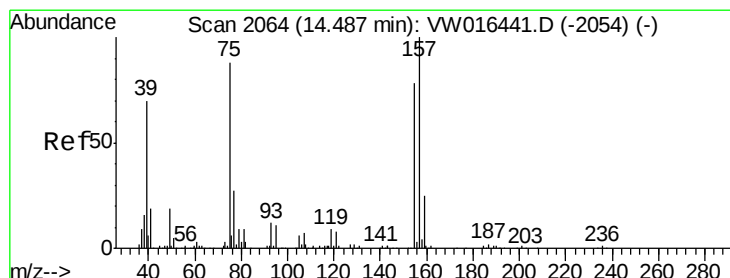
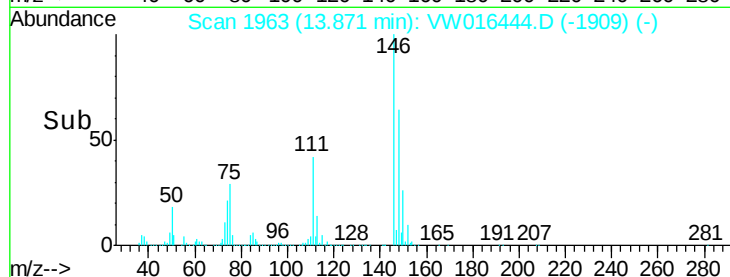
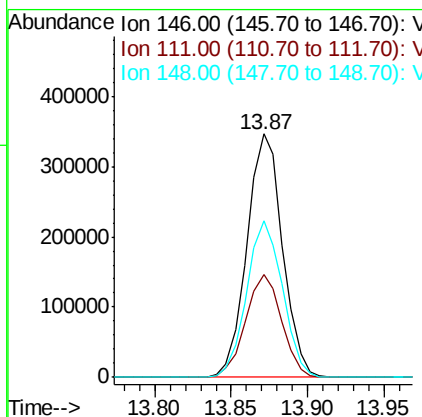
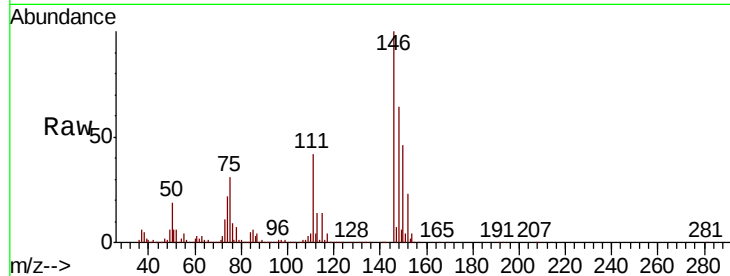
Time-->



#65
 1,2-Dichlorobenzene
 Concen: 26.267 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

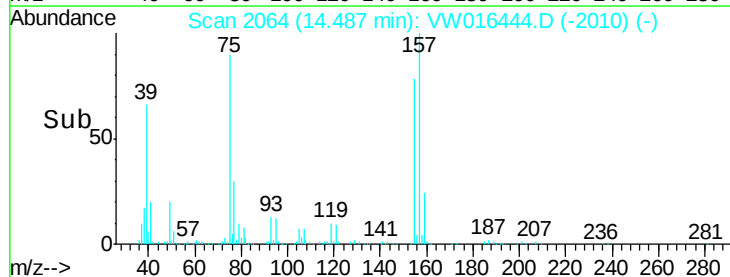
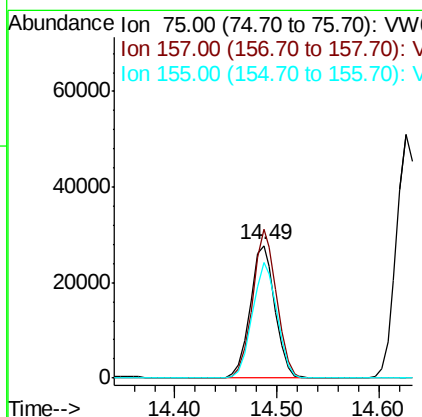
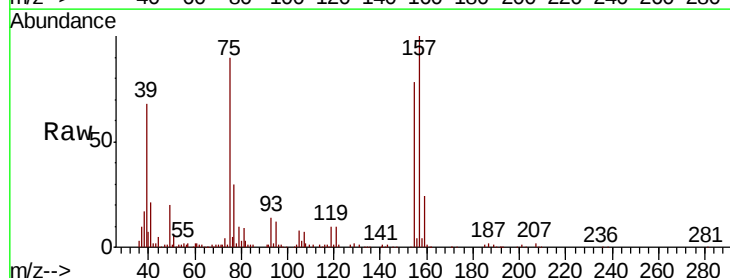
Instrument :
 MSVOA_W
 ClientSampleId :

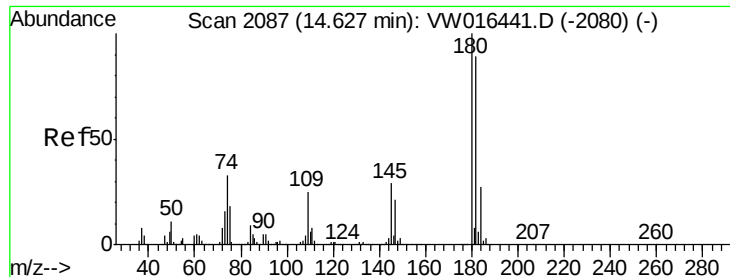
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	35.3	52.9
148	64.4	49.8	74.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 23.782 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
157	111.7	91.4	137.0
155	87.1	71.3	106.9

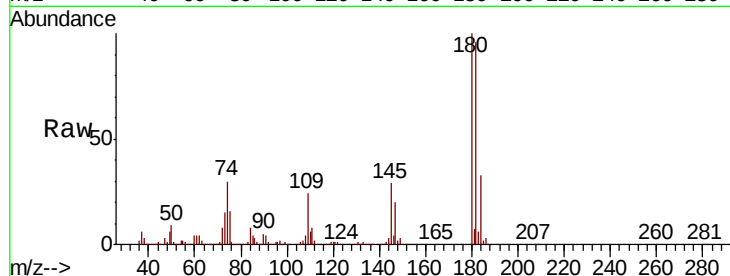




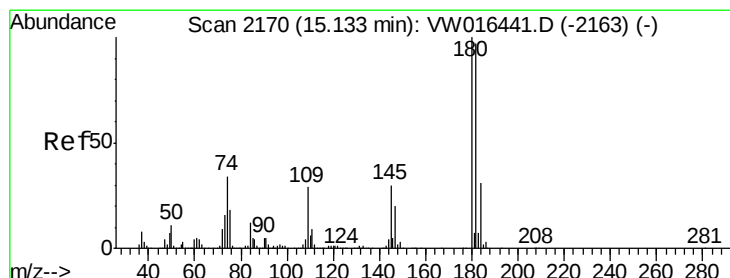
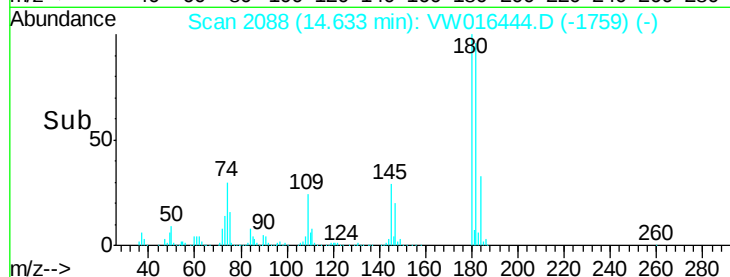
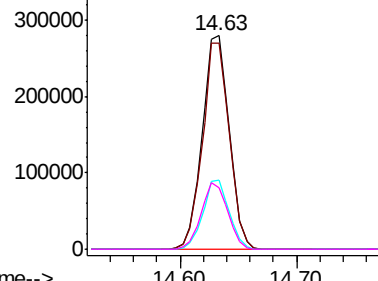
#67
 1,3,5-Trichlorobenzene
 Concen: 27.272 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180	Resp:	450240
Ion Ratio	Lower	Upper
180	100	
182	96.0	75.8 113.8
184	31.5	24.2 36.2
145	30.5	24.6 36.8

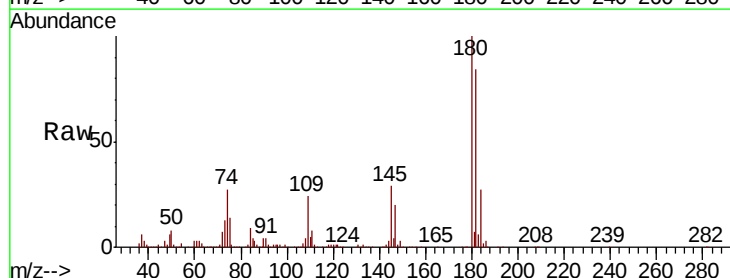


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

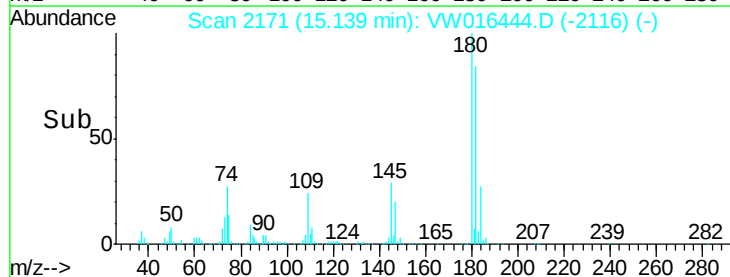
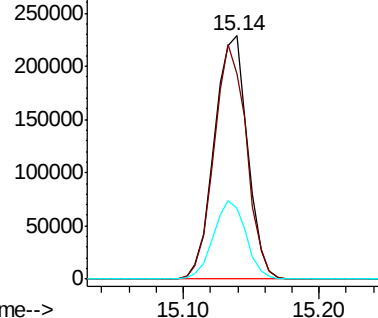


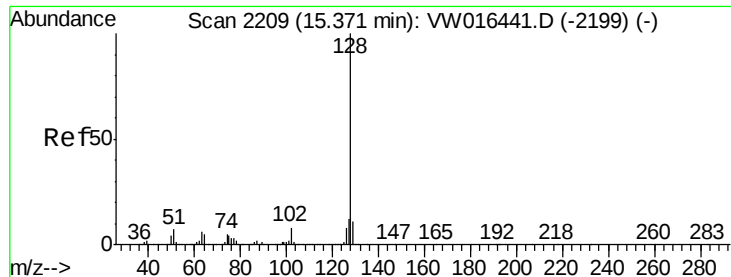
#68
 1,2,4-trichlorobenzene
 Concen: 27.325 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016444.D
 Acq: 03 Sep 2020 13:50

Tgt Ion:180	Resp:	390194
Ion Ratio	Lower	Upper
180	100	
182	94.4	78.5 117.7
145	31.4	25.6 38.4



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





#69

Naphthalene

Concen: 26.570 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

Instrument :

MSVOA_W

ClientSampleId :

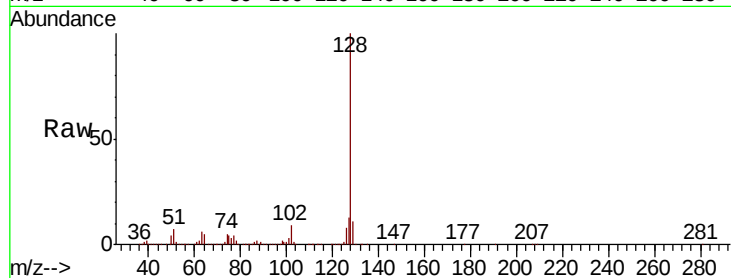
Tot Ion:128 Resp: 800775

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

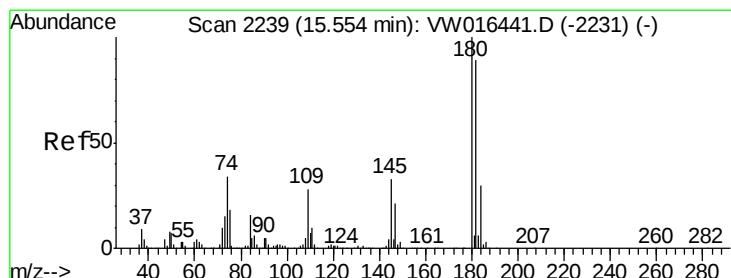
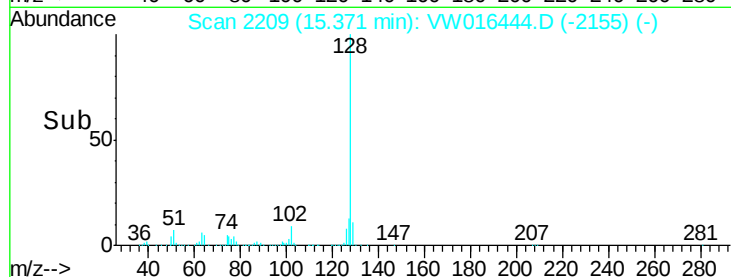
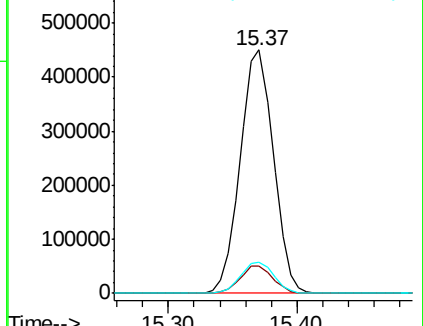
127 13.0 10.5 15.7



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: 27.476 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW016444.D

Acq: 03 Sep 2020 13:50

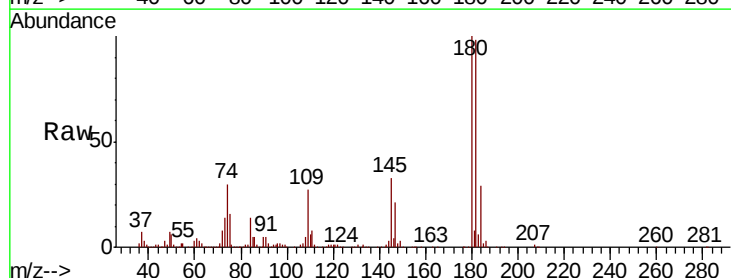
Tgt Ion:180 Resp: 336867

Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

145 33.4 28.1 42.1



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

