

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015411.D
 Acq On : 06 May 2020 13:11
 Operator : SY/VA
 Sample : L2182-02 5PPBL00
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 03:12:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	116226	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.88	113	100028	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.32	98	414659	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	147887	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	5355	4.436	ug/l	86
3) Chloromethane	2.21	50	7663	5.071	ug/l	97
4) Vinyl Chloride	2.36	62	11057	4.831	ug/l	98
5) Bromomethane	2.78	94	8823	4.921	ug/l	91
6) Chloroethane	2.93	64	7370	4.673	ug/l	96
7) Trichlorofluoromethane	3.26	101	7176	4.275	ug/l	93
8) Diethyl Ether	3.68	74	5323	5.074	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.07	101	9628	4.948	ug/l	99
10) Methyl Iodide	4.27	142	14854	5.044	ug/l	99
11) Tert butyl alcohol	5.20	59	4217	31.863	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	9794	4.853	ug/l	94
13) Acrolein	3.89	56	4495	26.596	ug/l	96
14) Allyl chloride	4.67	41	17909	5.065	ug/l	97
15) Acrylonitrile	5.37	53	11088	25.971	ug/l	99
16) Acetone	4.12	43	9968	27.957	ug/l	99
17) Carbon Disulfide	4.38	76	29835	4.822	ug/l	98
18) Methyl Acetate	4.67	43	5388	5.692	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	16488	5.085	ug/l	98
20) Methylene Chloride	4.92	84	11675	5.019	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	11355	4.957	ug/l	94
22) Diisopropyl ether	6.31	45	34082	4.933	ug/l	93
23) Vinyl Acetate	6.26	43	101053	24.059	ug/l	99
24) 1,1-Dichloroethane	6.22	63	20356	4.914	ug/l	99
25) 2-Butanone	7.17	43	14958	26.915	ug/l	93
26) 2,2-Dichloropropane	7.16	77	14554	5.301	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	12473	5.014	ug/l	98
28) Bromochloromethane	7.51	49	8963	5.381	ug/l	99
29) Tetrahydrofuran	7.53	42	9615	26.289	ug/l	98
30) Chloroform	7.68	83	20876	5.072	ug/l	98
31) Cyclohexane	7.96	56	24746	5.884	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	17761	5.135	ug/l	100
36) 1,1-Dichloropropene	8.09	75	17050	5.024	ug/l	99
37) Ethyl Acetate	7.26	43	7353	5.584	ug/l	99
38) Carbon Tetrachloride	8.07	117	15906	5.014	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015411.D
 Acq On : 06 May 2020 13:11
 Operator : SY/VA
 Sample : L2182-02 5PPBL00
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 03:12:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	21918	5.103	ug/l	99
40) Benzene	8.32	78	46197	4.992	ug/l	100
41) Methacrylonitrile	7.48	41	3965	4.766	ug/l	97
42) 1,2-Dichloroethane	8.40	62	14467	5.132	ug/l	99
43) Isopropyl Acetate	8.43	43	13930	5.030	ug/l	99
44) Trichloroethene	9.09	130	11861	4.945	ug/l	96
45) 1,2-Dichloropropane	9.37	63	11191	4.895	ug/l	96
46) Dibromomethane	9.46	93	5780	5.083	ug/l	95
47) Bromodichloromethane	9.65	83	15490	4.998	ug/l	100
48) Methyl methacrylate	9.44	41	6280	4.910	ug/l	97
49) 1,4-Dioxane	9.45	88	1483	103.631	ug/l	89
51) 4-Methyl-2-Pentanone	10.21	43	33449	25.774	ug/l	100
52) Toluene	10.39	92	29829	4.960	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	15291	4.834	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	18224	4.893	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	8063	5.014	ug/l	91
56) Ethyl methacrylate	10.65	69	10487	4.747	ug/l	93
57) 1,3-Dichloropropane	10.93	76	14525	5.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	28558	26.569	ug/l	100
59) 2-Hexanone	10.97	43	22439	25.554	ug/l	98
60) Dibromochloromethane	11.13	129	9001	4.654	ug/l	99
61) 1,2-Dibromoethane	11.23	107	7713	5.066	ug/l	98
64) Tetrachloroethene	10.86	164	9958	5.320	ug/l	88
65) Chlorobenzene	11.66	112	30723	5.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	10556	4.931	ug/l	99
67) Ethyl Benzene	11.73	91	58123	5.029	ug/l	97
68) m/p-Xylenes	11.84	106	42766	9.953	ug/l	99
69) o-Xylene	12.16	106	19759	4.894	ug/l	98
70) Styrene	12.18	104	33467	4.813	ug/l	99
71) Bromoform	12.35	173	4921	4.714	ug/l #	99
73) Isopropylbenzene	12.46	105	56812	5.143	ug/l	98
74) N-amyl acetate	12.27	43	13125	5.026	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	8919	5.161	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	12324	10.125	ug/l #	100
77) Bromobenzene	12.74	156	11859	5.066	ug/l	100
78) n-propylbenzene	12.80	91	67282	5.077	ug/l	100
79) 2-Chlorotoluene	12.89	91	37857	5.067	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	46799	5.030	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	2752	4.472	ug/l	91
82) 4-Chlorotoluene	12.99	91	40359	5.097	ug/l	99
83) tert-Butylbenzene	13.21	119	40590	5.112	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	47264	5.078	ug/l	100
85) sec-Butylbenzene	13.38	105	56383	5.040	ug/l	99
86) p-Isopropyltoluene	13.50	119	51589	5.056	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	23117	4.957	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	23593	5.109	ug/l	93
89) n-Butylbenzene	13.82	91	49968	5.003	ug/l	99
90) Hexachloroethane	14.09	117	9206	4.896	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	20697	5.126	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1620	5.370	ug/l	92

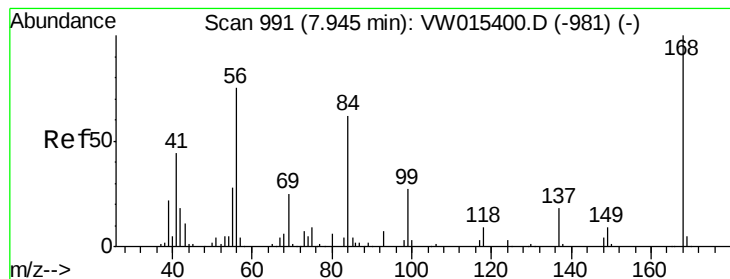
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
Data File : VW015411.D
Acq On : 06 May 2020 13:11
Operator : SY/VA
Sample : L2182-02 5PPBL00
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 07 03:12:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
Quant Title : SW846 8260
QLast Update : Tue May 05 18:41:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	13117	4.834	ug/l	97
94) Hexachlorobutadiene	15.24	225	8160	5.074	ug/l	95
95) Naphthalene	15.36	128	24086	4.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	11836	5.076	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

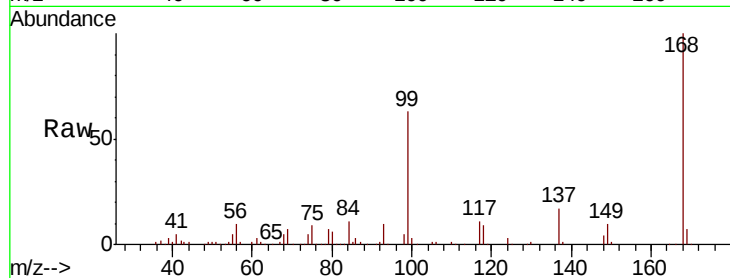
ClientSampled :

Tot Ion:168 Resp: 208788

Ion Ratio Lower Upper

168 100

99 63.2 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

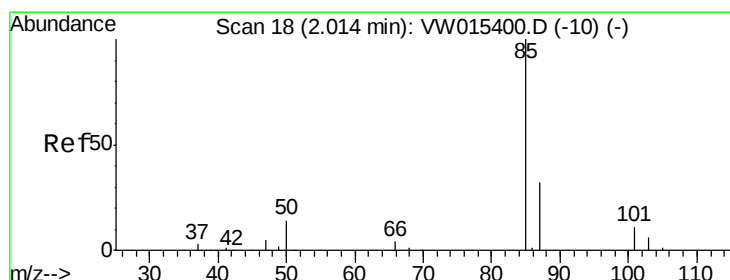
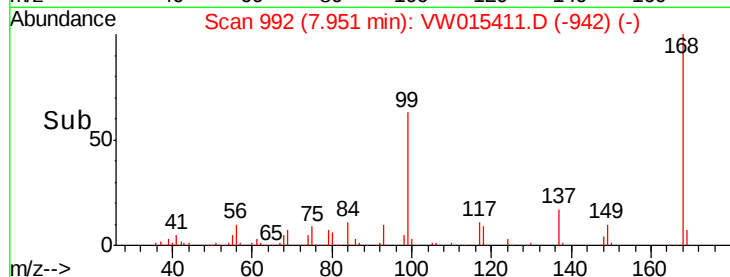
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 4.436 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015411.D

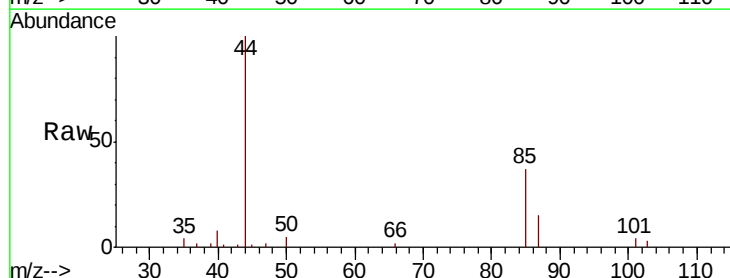
Acq: 06 May 2020 13:11

Tgt Ion: 85 Resp: 5355

Ion Ratio Lower Upper

85 100

87 39.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

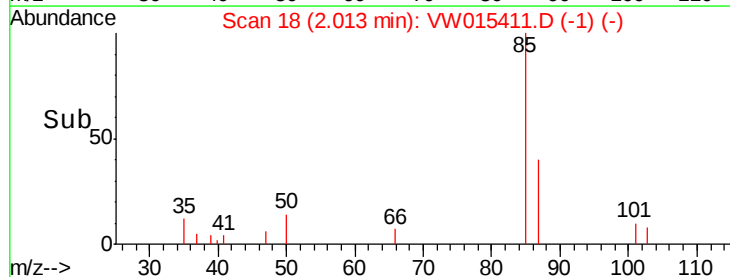
1500

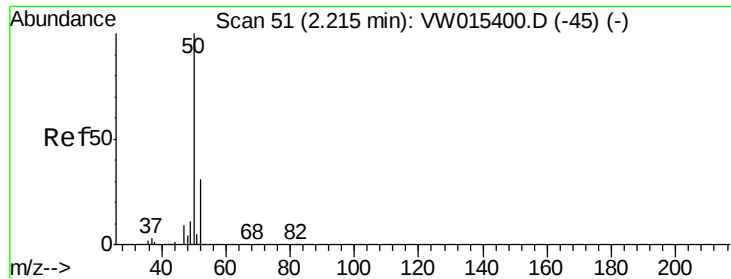
1000

500

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 5.071 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

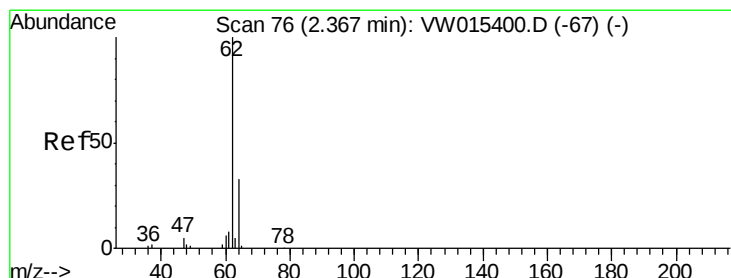
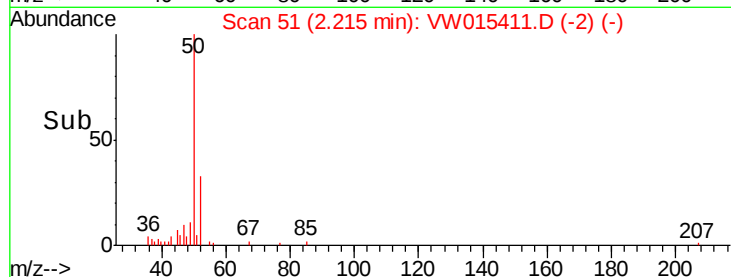
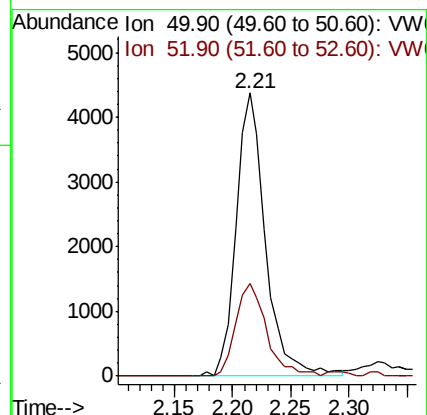
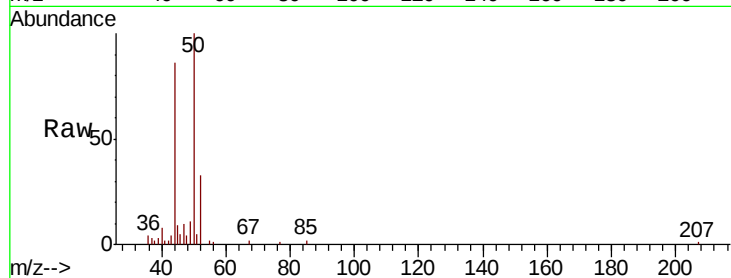
ClientSampleId :

Tot Ion: 50 Resp: 7663

Ion Ratio Lower Upper

50 100

52 32.9 25.0 37.6



#4

Vinyl Chloride

Concen: 4.831 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015411.D

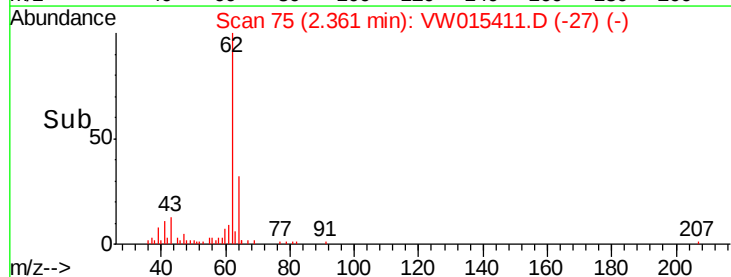
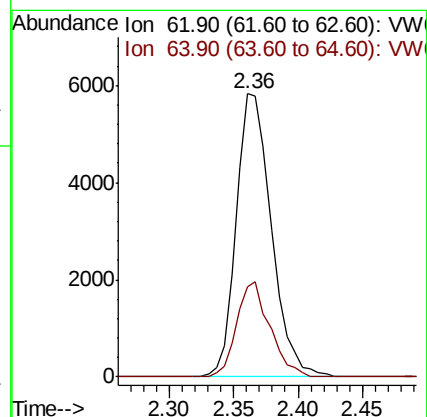
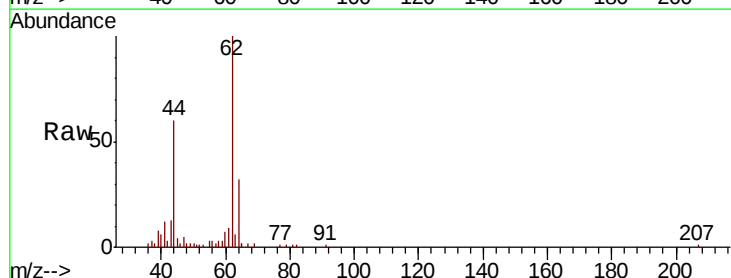
Acq: 06 May 2020 13:11

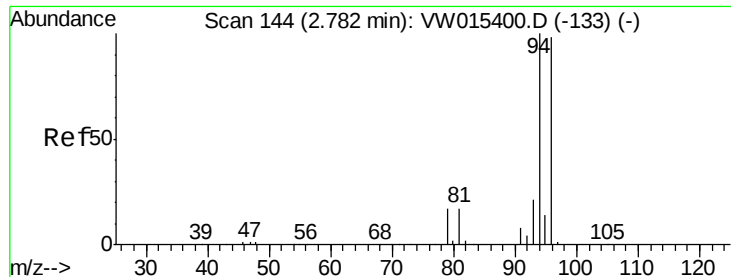
Tgt Ion: 62 Resp: 11057

Ion Ratio Lower Upper

62 100

64 31.9 26.4 39.6





#5

Bromomethane

Concen: 4.921 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

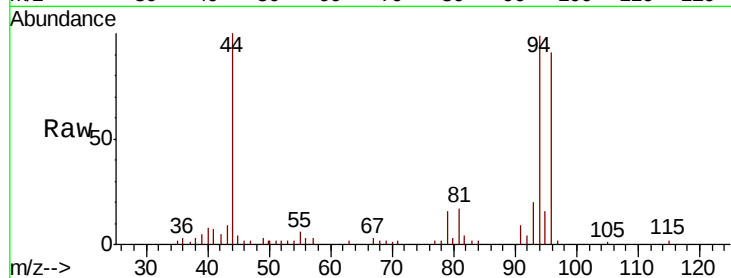
ClientSampled :

Tot Ion: 94 Resp: 8823

Ion Ratio Lower Upper

94 100

96 89.9 78.8 118.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

4000

3000

2000

1000

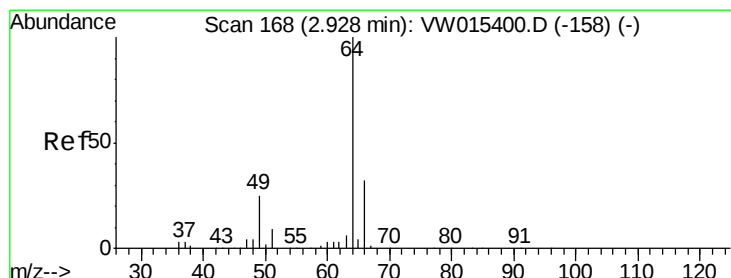
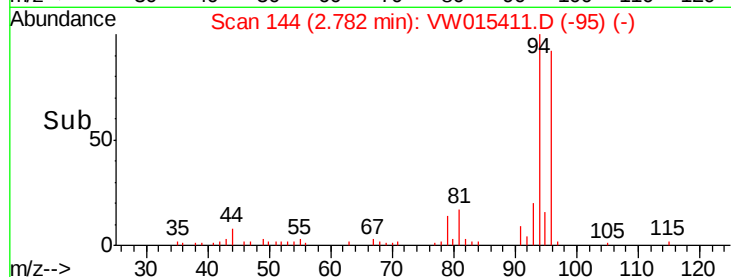
0

2.70

2.80

2.90

Time-->



#6

Chloroethane

Concen: 4.673 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015411.D

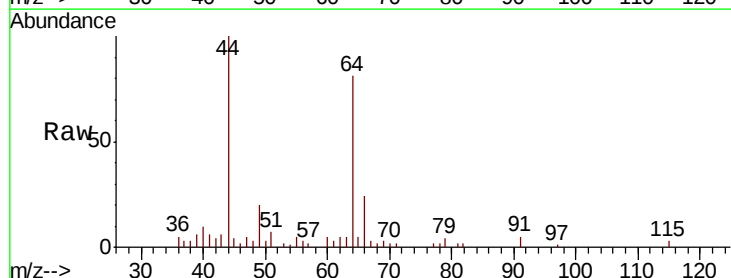
Acq: 06 May 2020 13:11

Tgt Ion: 64 Resp: 7370

Ion Ratio Lower Upper

64 100

66 29.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

3000

2000

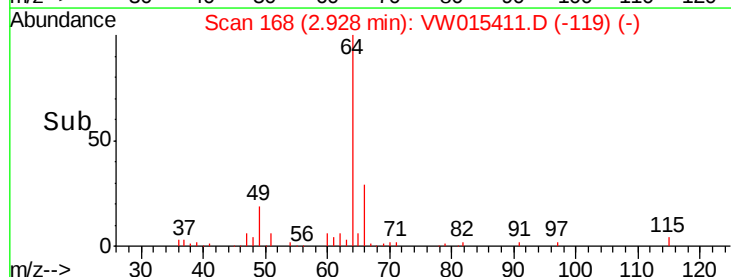
1000

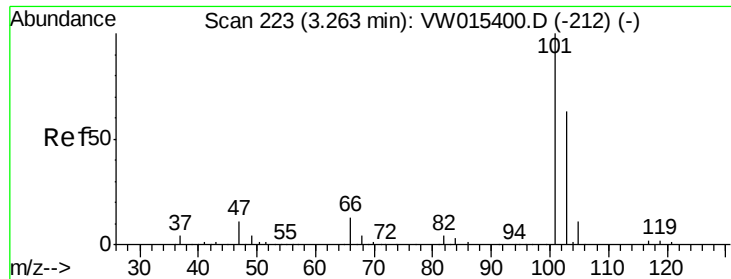
0

2.90

3.00

Time-->



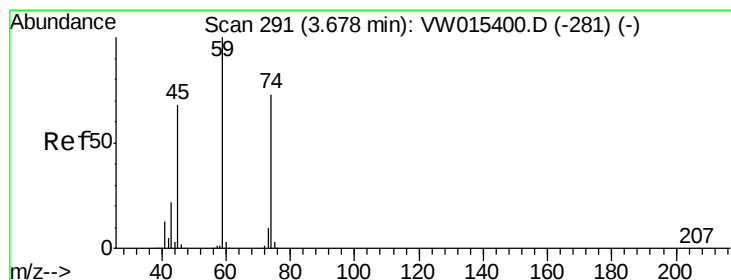
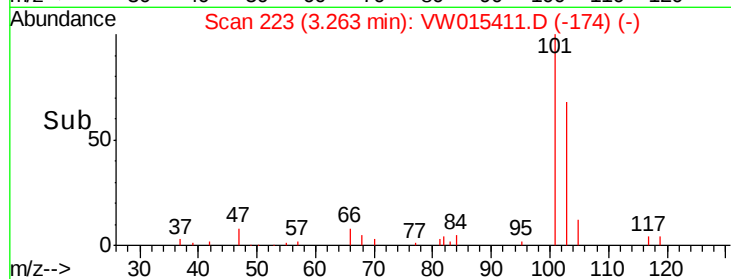
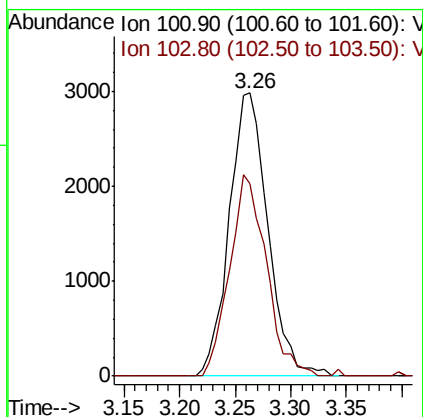
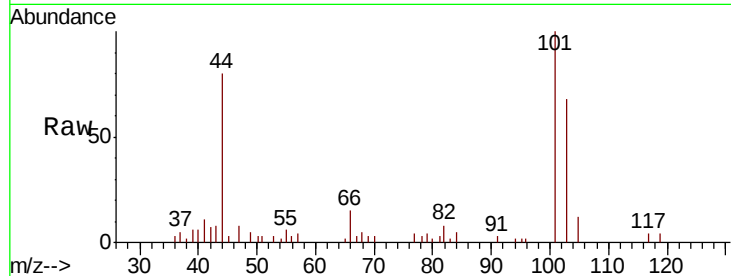


#7

Trichlorofluoromethane
Concen: 4.275 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Instrument :
MSVOA_W
ClientSampleId :

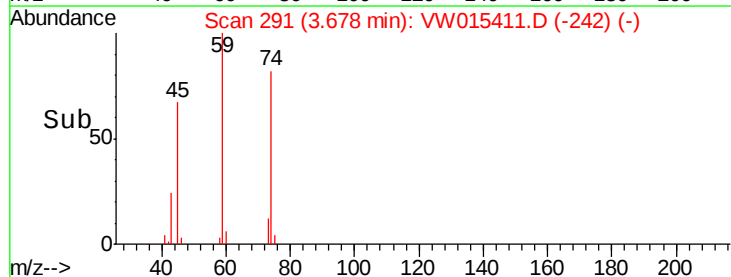
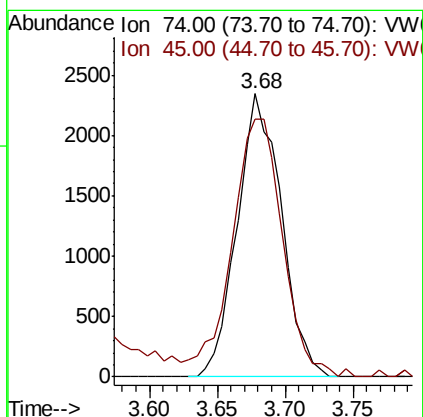
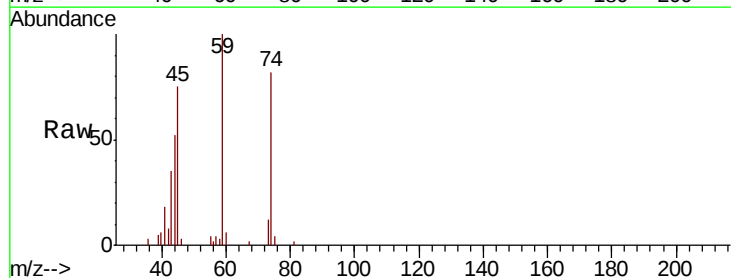
Tot Ion:101 Resp: 7176
Ion Ratio Lower Upper
101 100
103 67.9 50.2 75.4

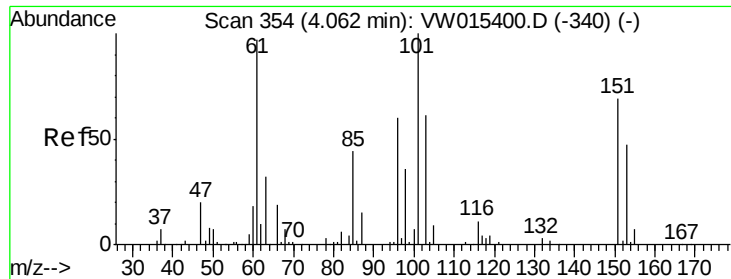


#8

Diethyl Ether
Concen: 5.074 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion: 74 Resp: 5323
Ion Ratio Lower Upper
74 100
45 105.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.948 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

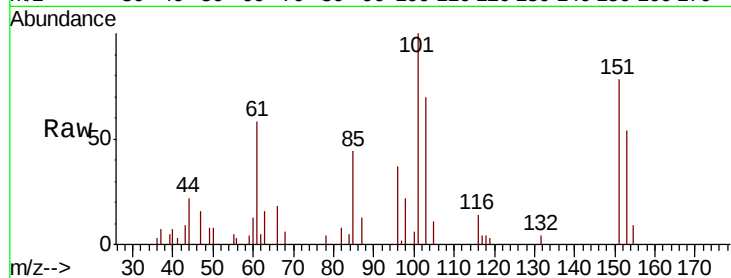
Tot Ion:101 Resp: 9628

Ion Ratio Lower Upper

101 100

85 46.2 37.3 55.9

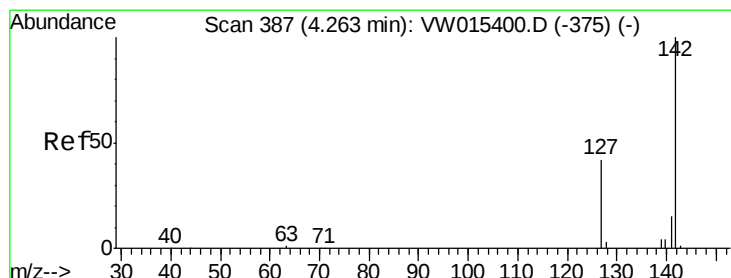
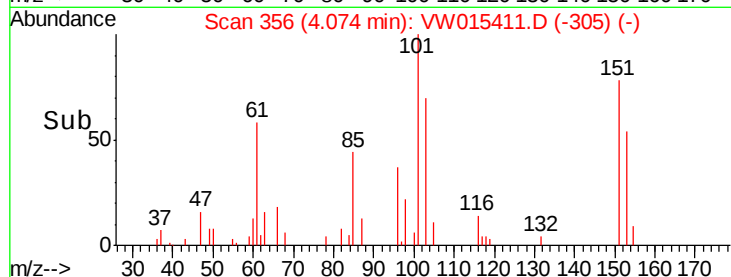
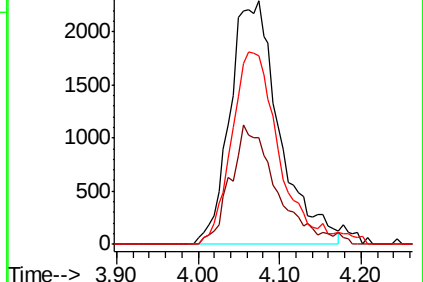
151 75.1 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.044 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

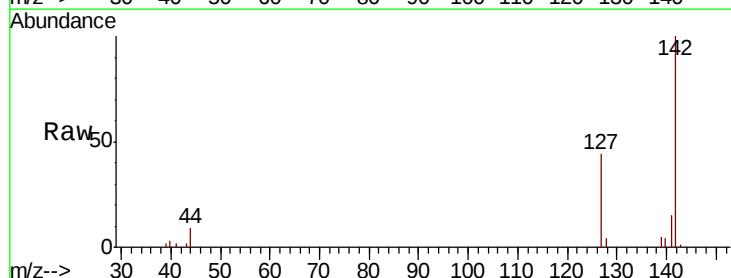
Tgt Ion:142 Resp: 14854

Ion Ratio Lower Upper

142 100

127 44.4 35.4 53.2

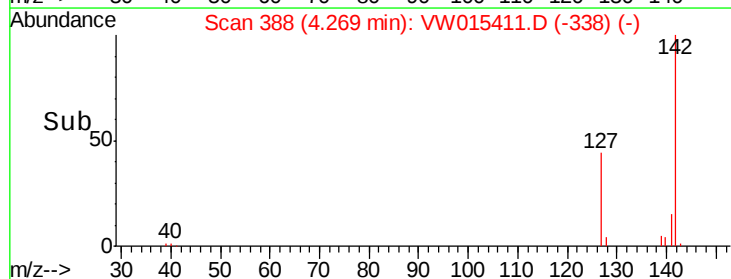
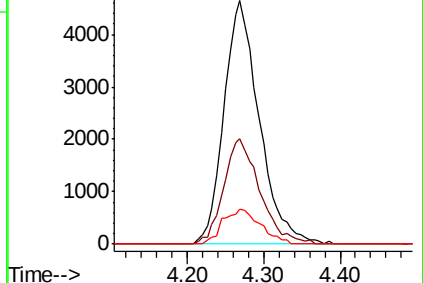
141 15.3 11.7 17.5

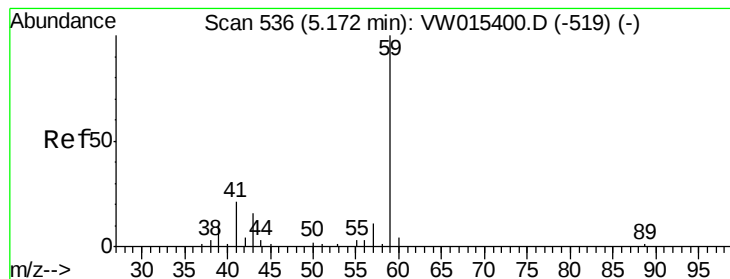


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



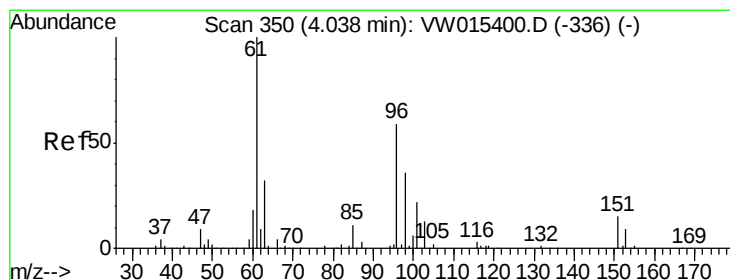
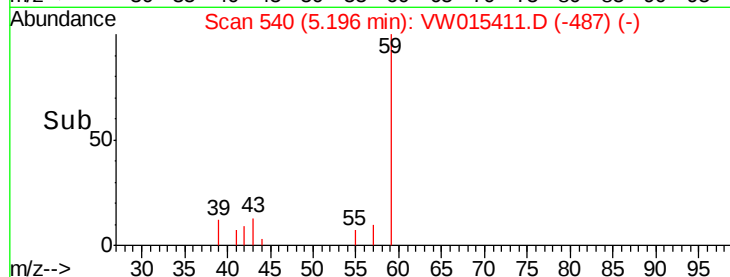
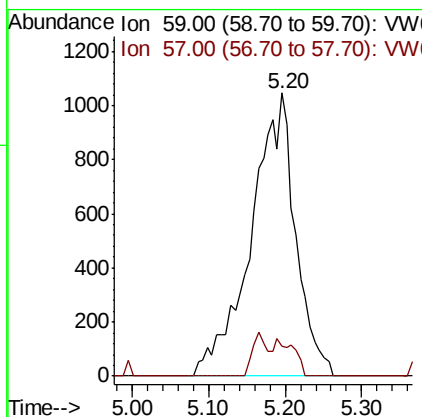
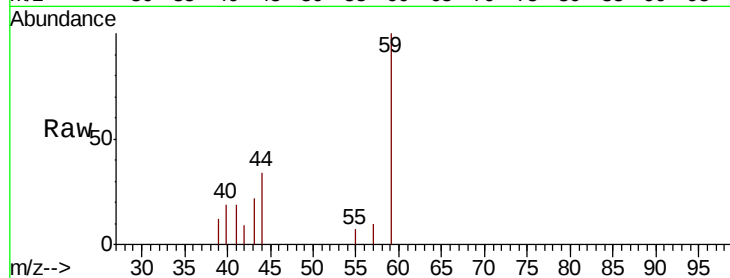


#11

Tert butyl alcohol
 Concen: 31.863 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. 0.02 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Instrument :
 MSVOA_W
 ClientSampled :

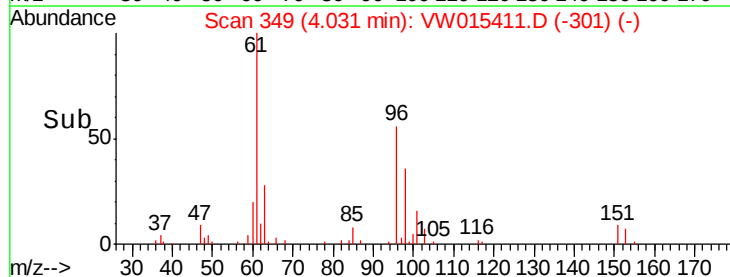
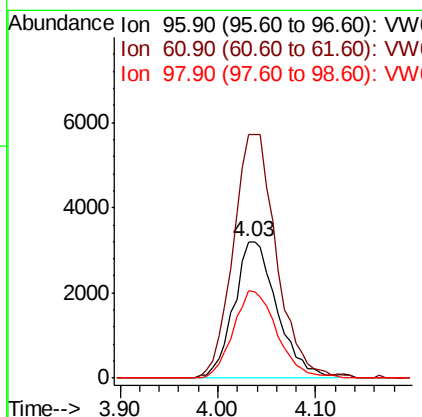
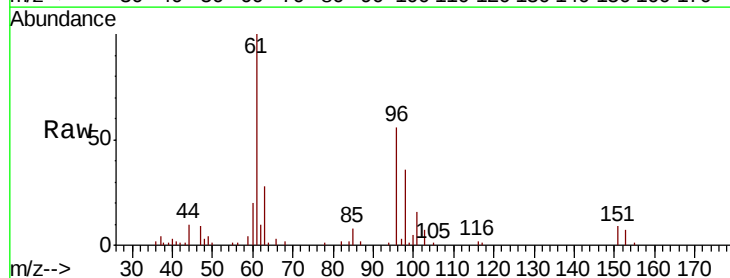
Tot Ion: 59 Resp: 4217
 Ion Ratio Lower Upper
 59 100
 57 5.5 8.6 13.0#

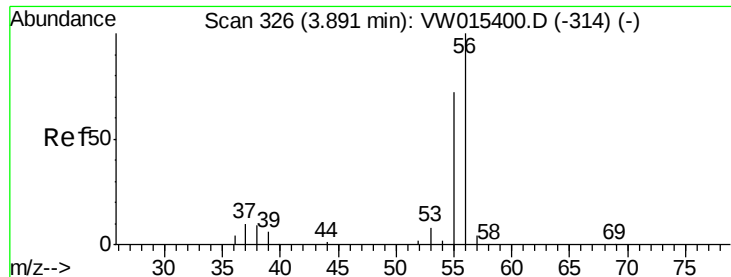


#12

1,1-Dichloroethene
 Concen: 4.853 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Tgt Ion: 96 Resp: 9794
 Ion Ratio Lower Upper
 96 100
 61 178.2 135.8 203.8
 98 63.8 48.6 72.8





#13

Acrolein

Concen: 26.596 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

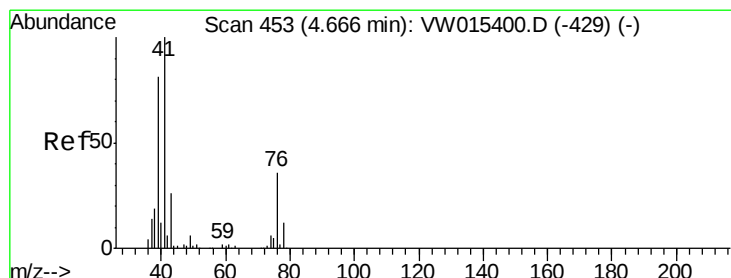
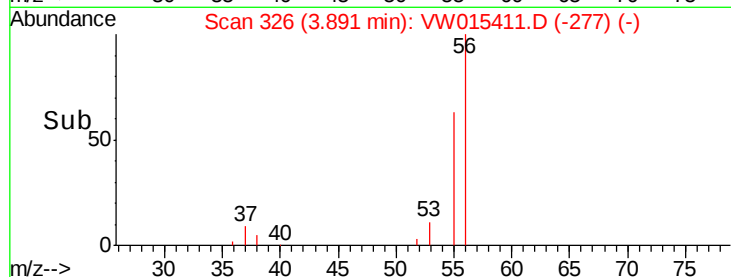
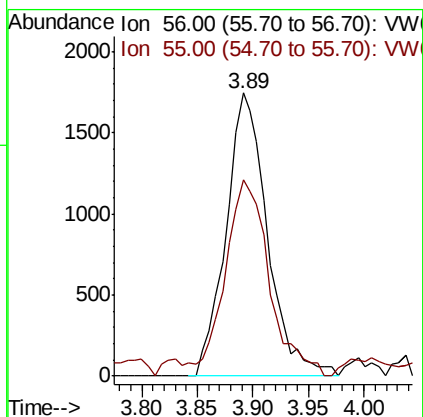
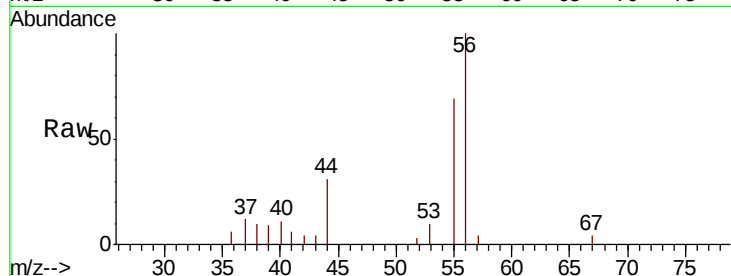
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 4495

Ion Ratio Lower Upper

56 100

55 73.4 56.4 84.6



#14

Allyl chloride

Concen: 5.065 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

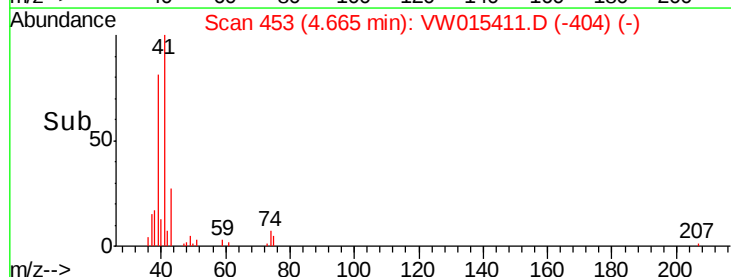
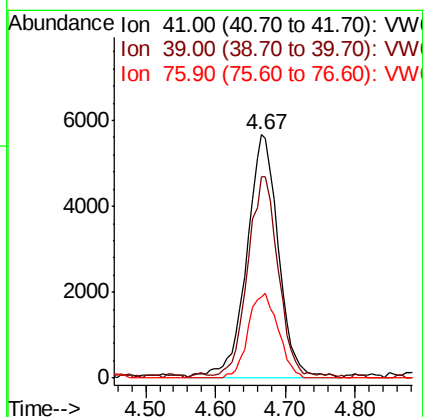
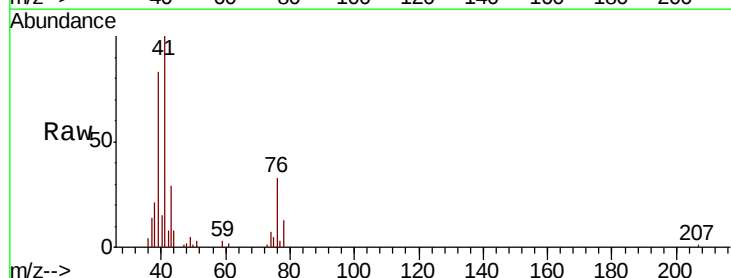
Tgt Ion: 41 Resp: 17909

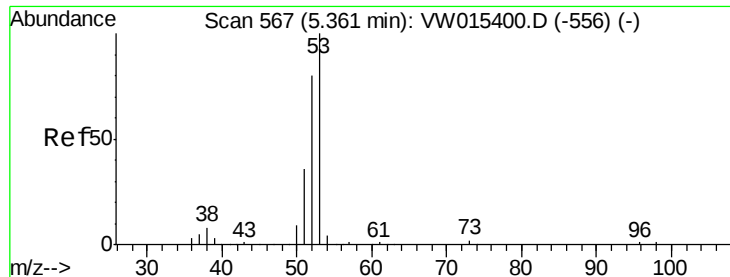
Ion Ratio Lower Upper

41 100

39 77.5 63.6 95.4

76 32.9 28.4 42.6





#15

Acrylonitrile

Concen: 25.971 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

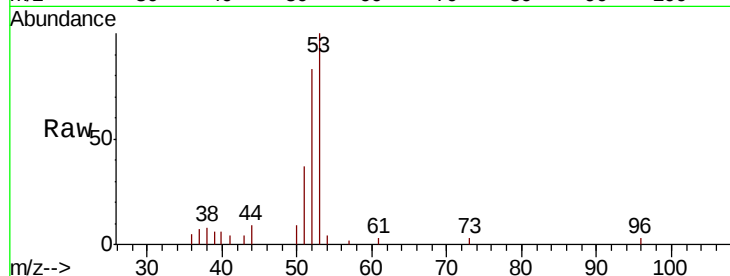
Tot Ion: 53 Resp: 11088

Ion Ratio Lower Upper

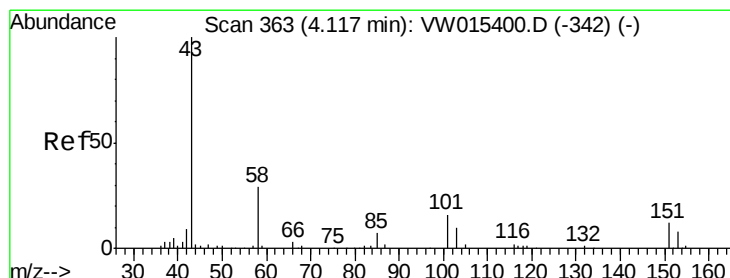
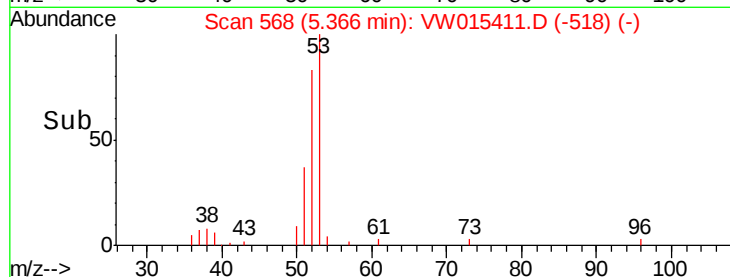
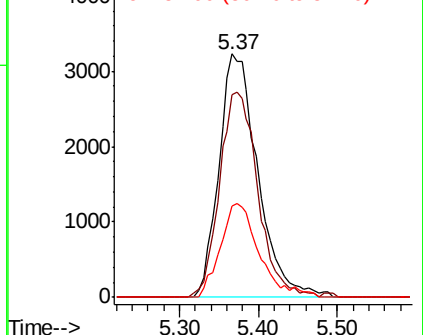
53 100

52 82.5 66.6 99.8

51 38.3 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 27.957 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015411.D

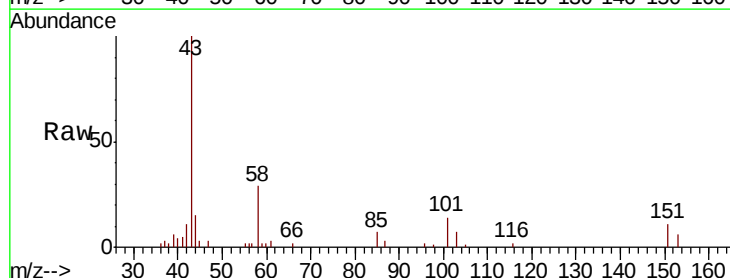
Acq: 06 May 2020 13:11

Tgt Ion: 43 Resp: 9968

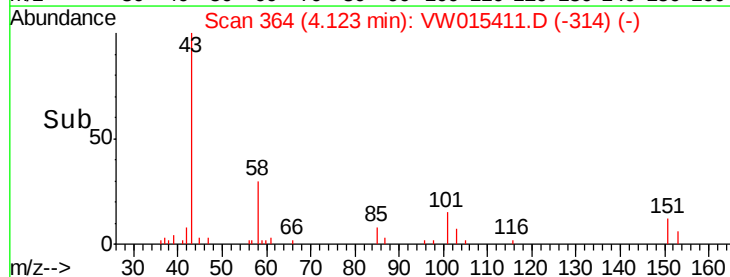
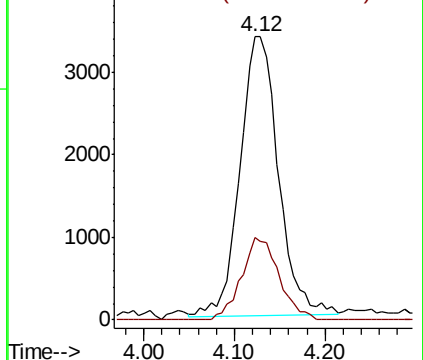
Ion Ratio Lower Upper

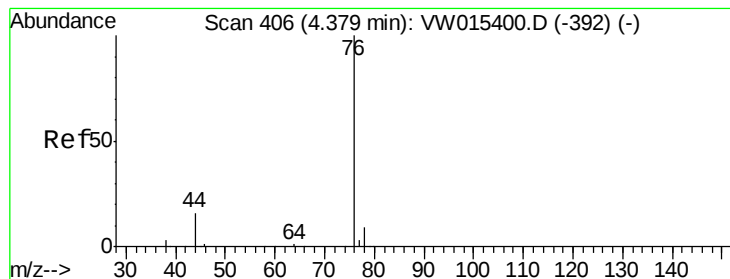
43 100

58 29.7 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 4.822 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

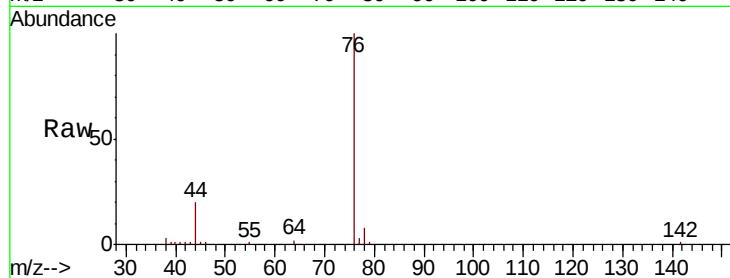
ClientSampled :

Tot Ion: 76 Resp: 29835

Ion Ratio Lower Upper

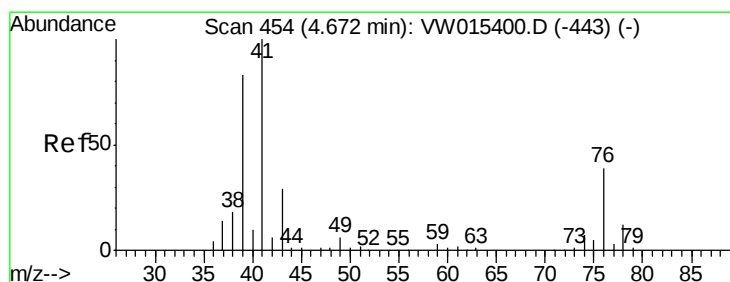
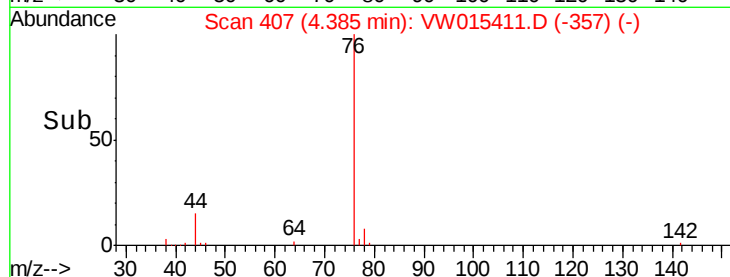
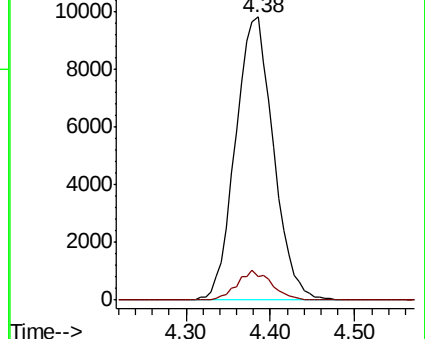
76 100

78 8.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 5.692 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW015411.D

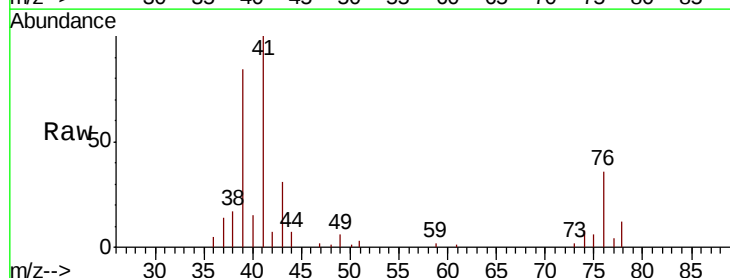
Acq: 06 May 2020 13:11

Tgt Ion: 43 Resp: 5388

Ion Ratio Lower Upper

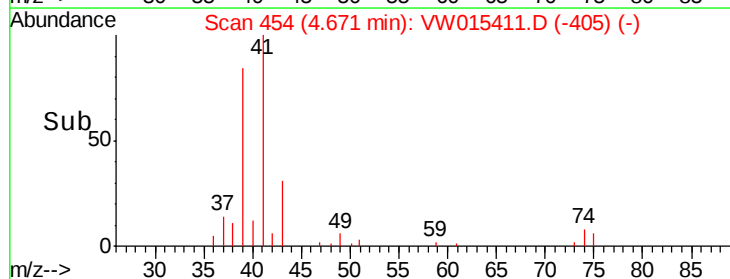
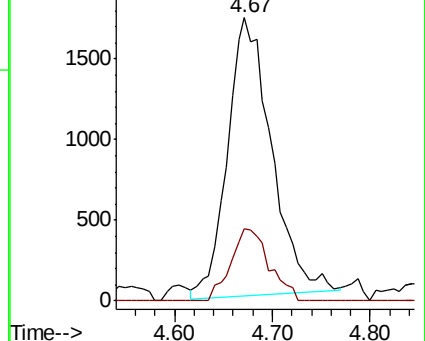
43 100

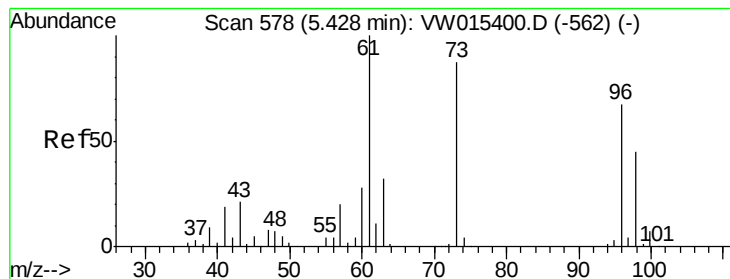
74 22.6 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



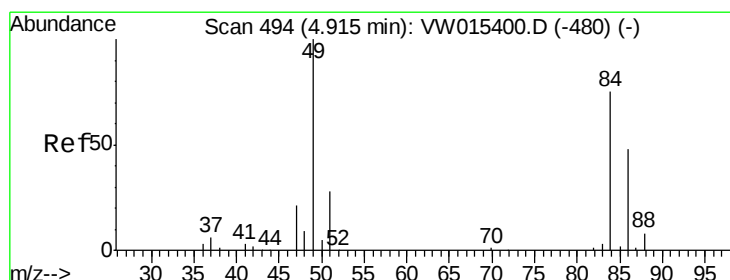
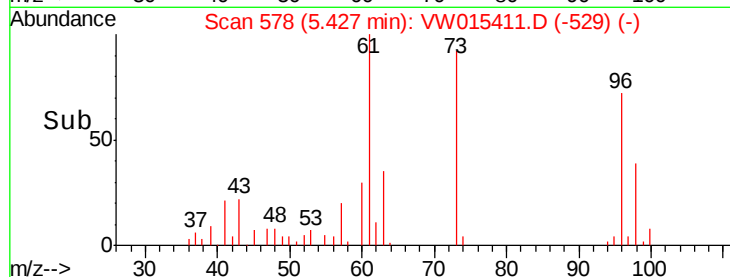
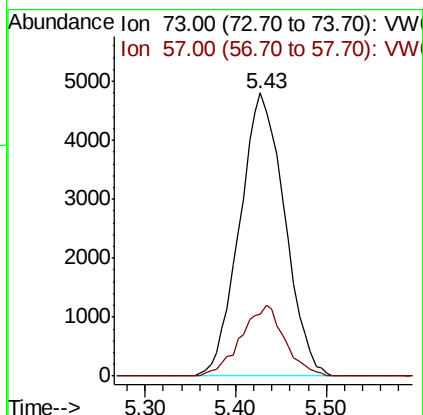
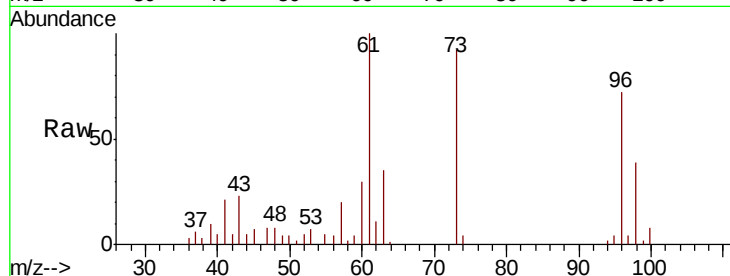


#19

Methyl tert-butyl Ether
 Concen: 5.085 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Instrument :
 MSVOA_W
 ClientSampled :

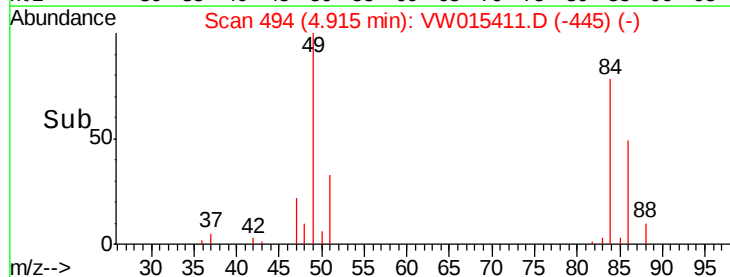
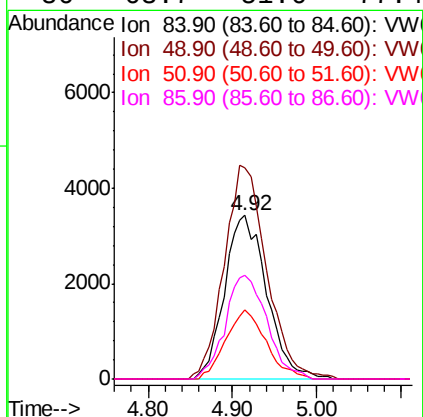
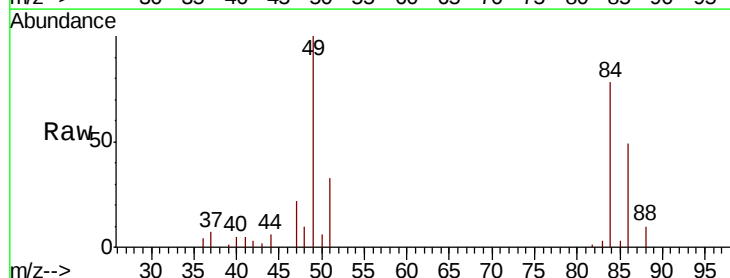
Tot Ion: 73 Resp: 16488
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.5 27.7

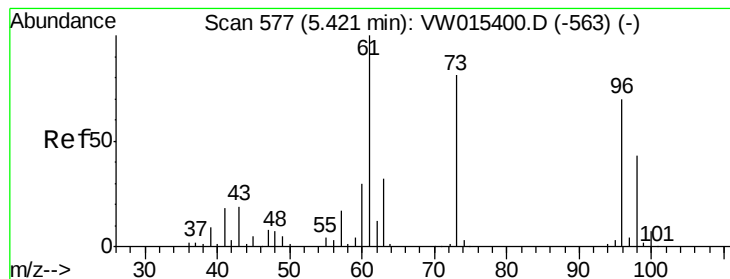


#20

Methylene Chloride
 Concen: 5.019 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Tgt Ion: 84 Resp: 11675
 Ion Ratio Lower Upper
 84 100
 49 129.0 106.4 159.6
 51 42.1 30.2 45.2
 86 63.7 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 4.957 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :
MSVOA_W
ClientSampleId :

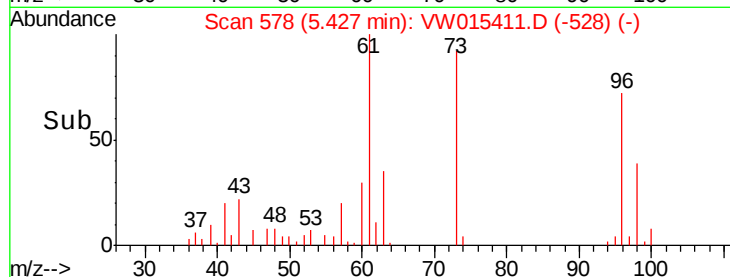
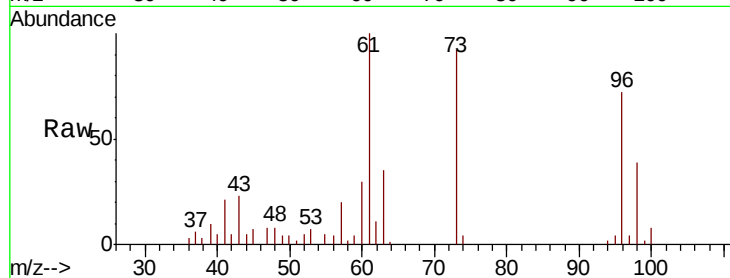
Tot Ion: 96 Resp: 11355

Ion Ratio Lower Upper

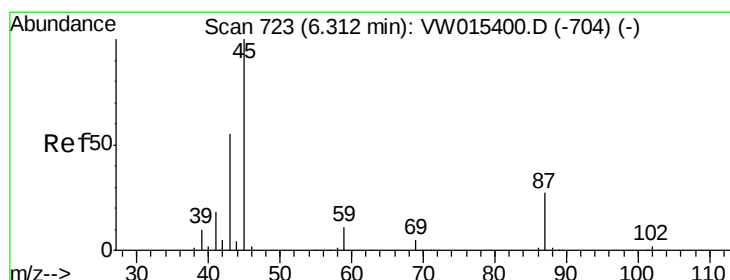
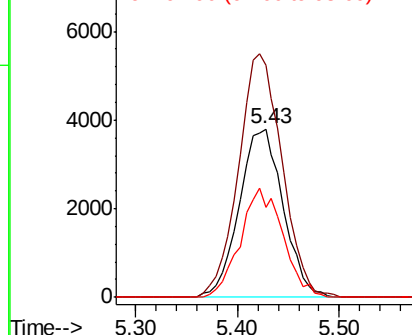
96 100

61 138.1 114.9 172.3

98 53.6 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 4.933 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Tgt Ion: 45 Resp: 34082

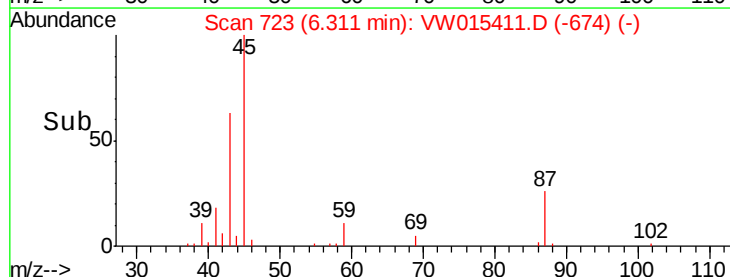
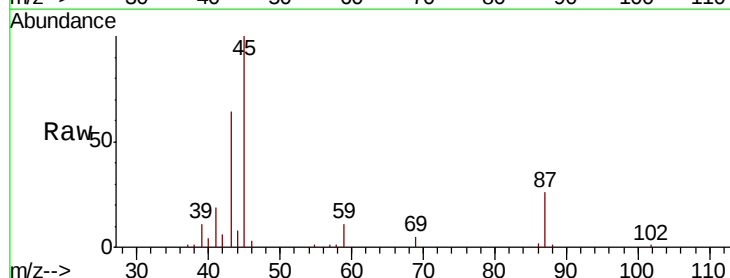
Ion Ratio Lower Upper

45 100

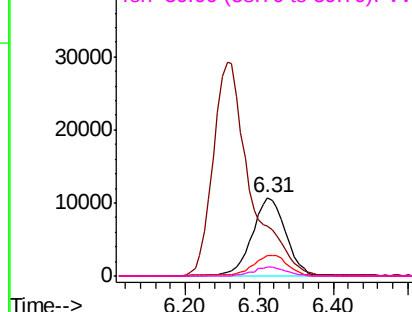
43 62.3 44.2 66.4

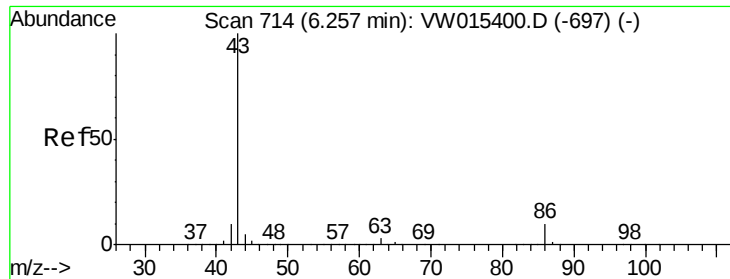
87 25.6 21.6 32.4

59 10.9 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 24.059 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

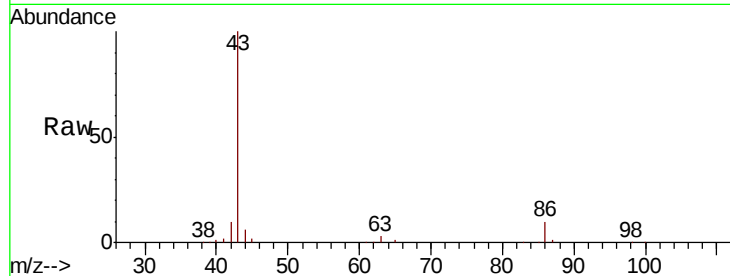
ClientSampleId :

Tot Ion: 43 Resp: 101053

Ion Ratio Lower Upper

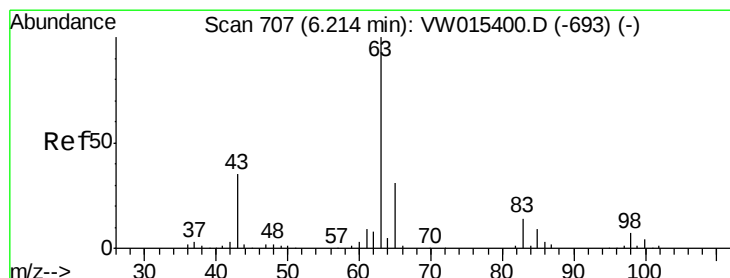
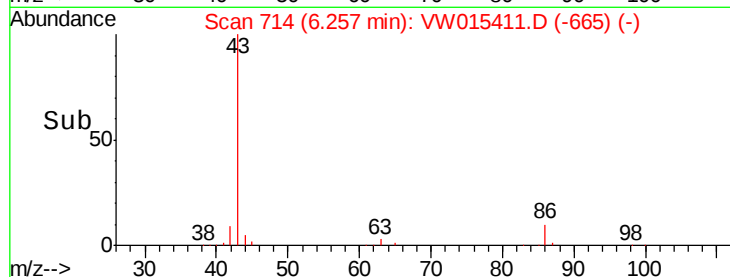
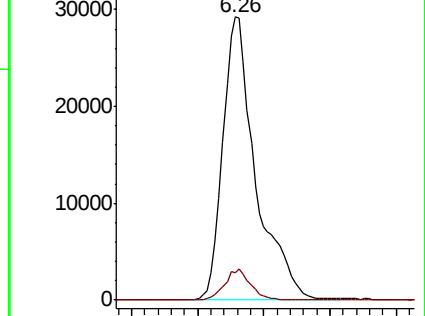
43 100

86 9.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 4.914 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

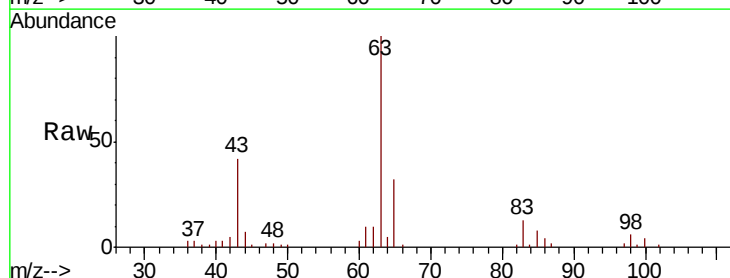
Tgt Ion: 63 Resp: 20356

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

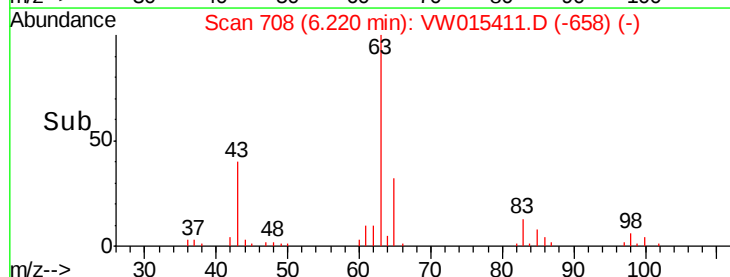
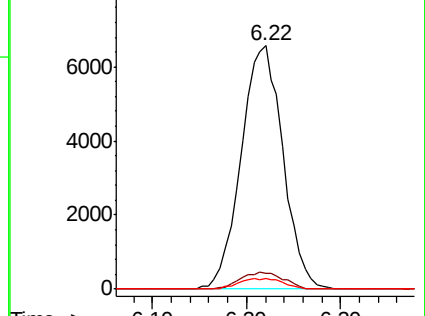
100 4.3 2.1 6.5

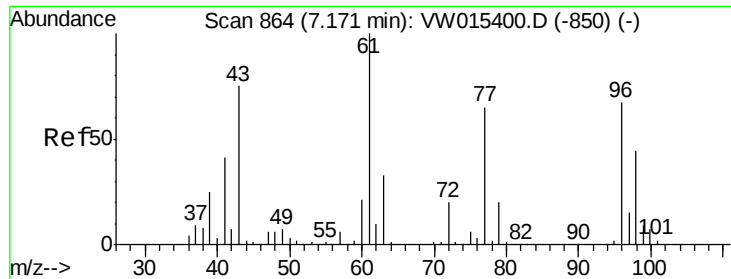


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

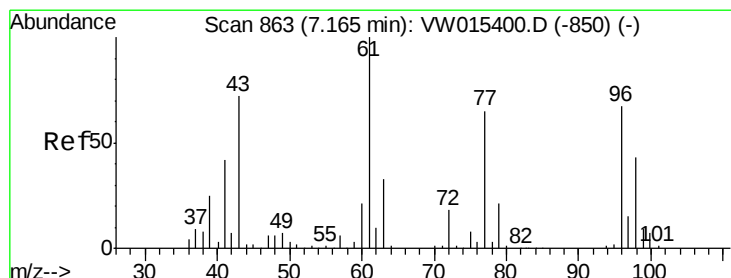
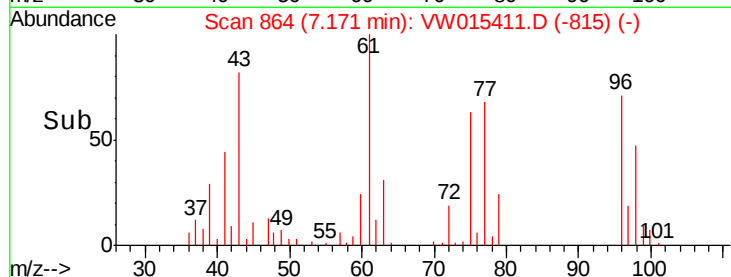
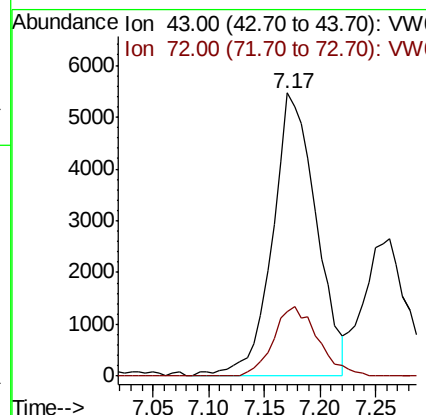
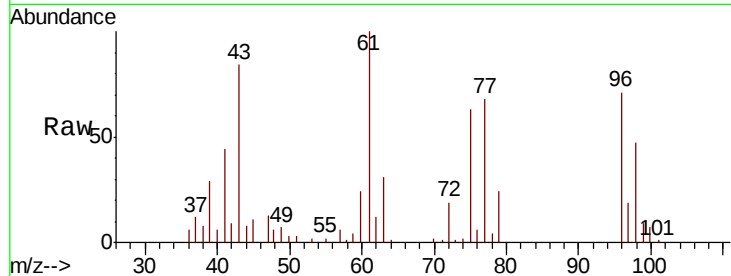




#25
2-Butanone
Concen: 26.915 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

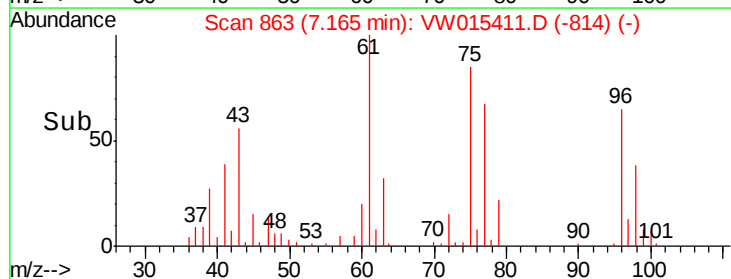
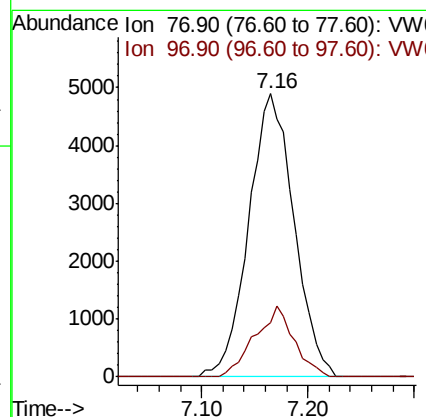
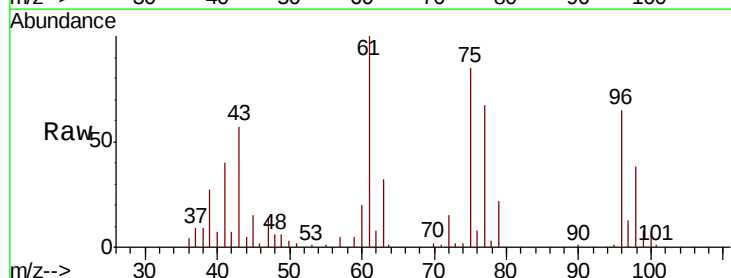
Instrument :
MSVOA_W
ClientSampled :

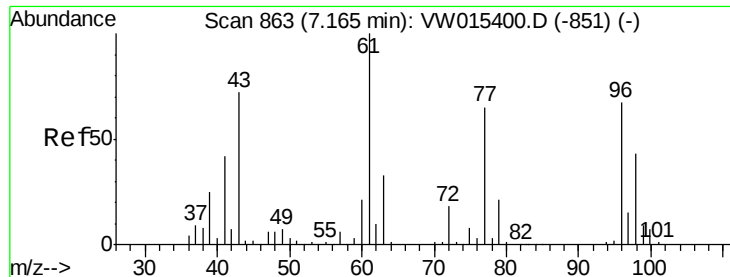
Tot Ion: 43 Resp: 14958
Ion Ratio Lower Upper
43 100
72 22.9 21.4 32.0



#26
2,2-Dichloropropane
Concen: 5.301 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion: 77 Resp: 14554
Ion Ratio Lower Upper
77 100
97 21.6 11.1 33.1



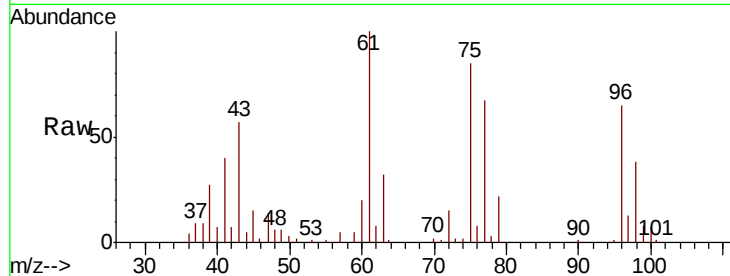


#27

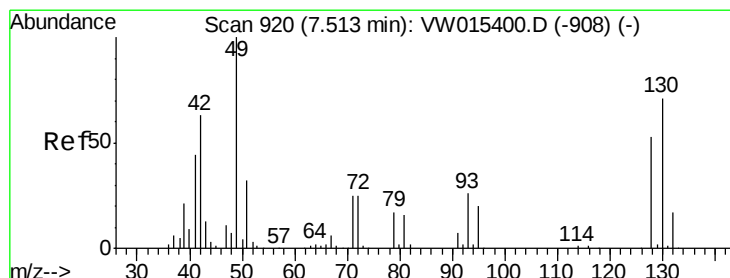
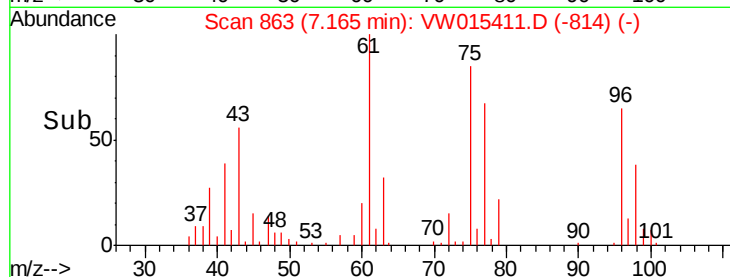
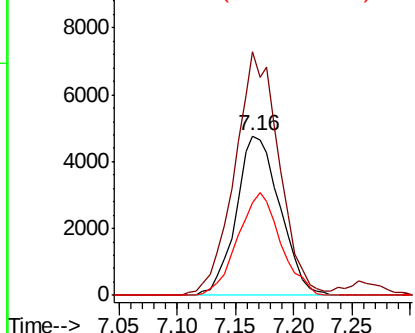
cis-1,2-Dichloroethene
Concen: 5.014 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 12473
Ion Ratio Lower Upper
96 100
61 154.9 0.0 304.6
98 63.2 0.0 129.2



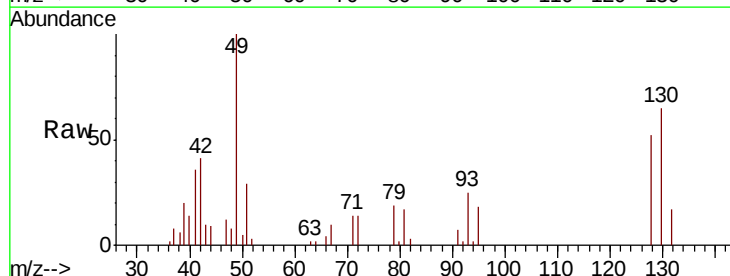
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



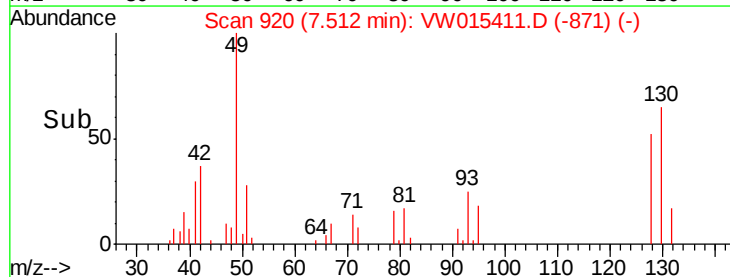
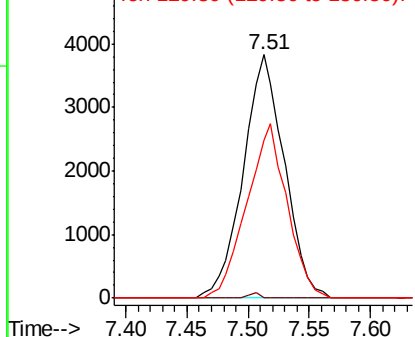
#28

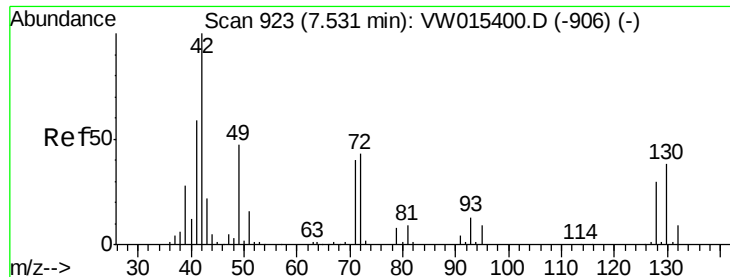
Bromochloromethane
Concen: 5.381 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion: 49 Resp: 8963
Ion Ratio Lower Upper
49 100
129 0.5 0.0 3.0
130 70.3 57.0 85.4



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

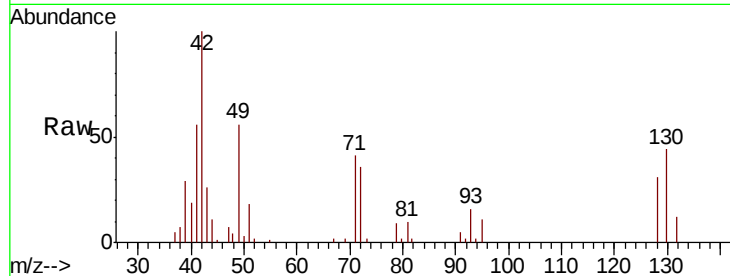




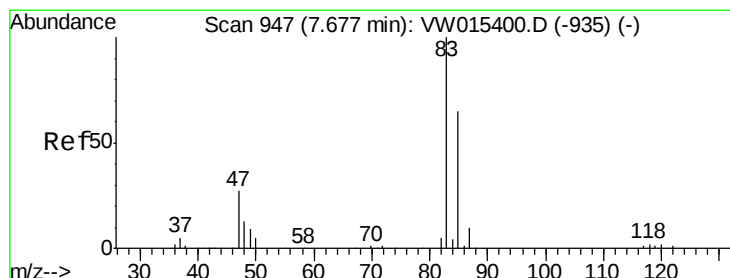
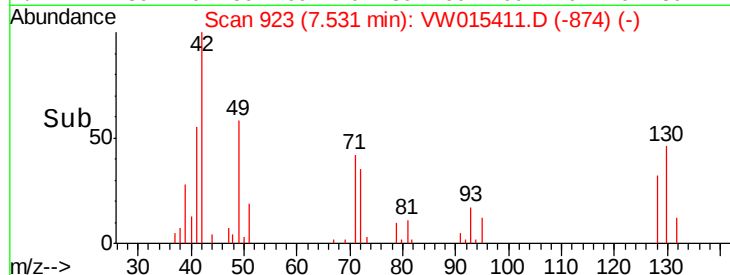
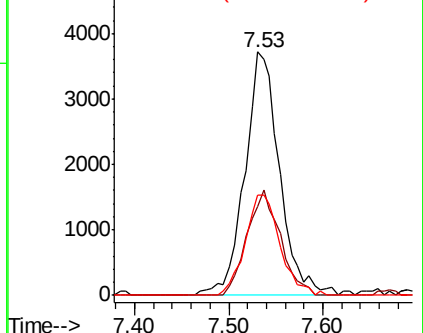
#29
Tetrahydrofuran
Concen: 26.289 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 9615
Ion Ratio Lower Upper
42 100
72 41.1 33.6 50.4
71 41.3 32.1 48.1

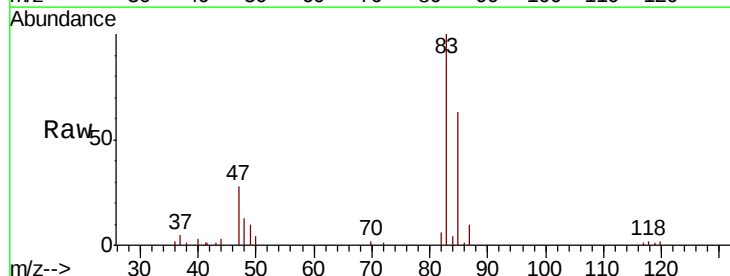


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

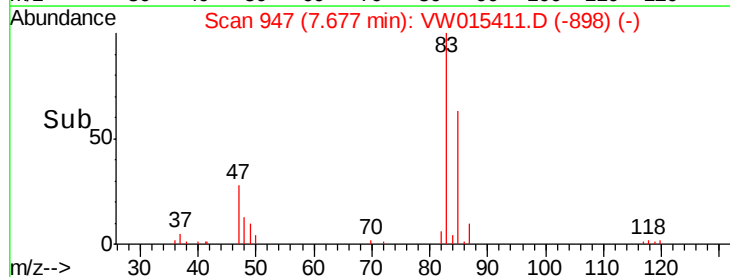
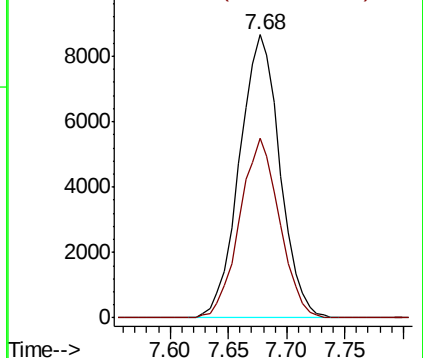


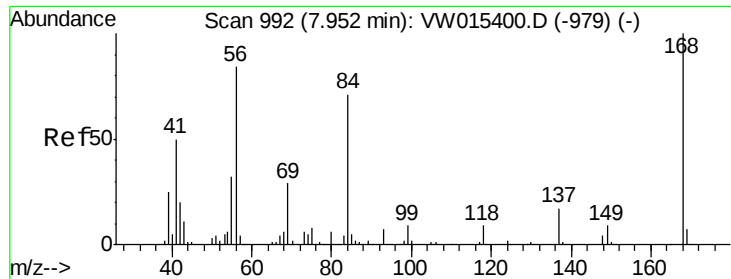
#30
Chloroform
Concen: 5.072 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion: 83 Resp: 20876
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

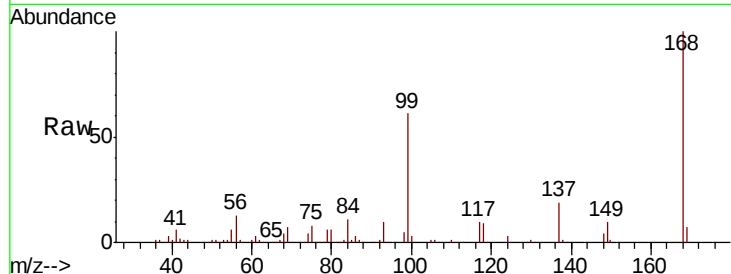




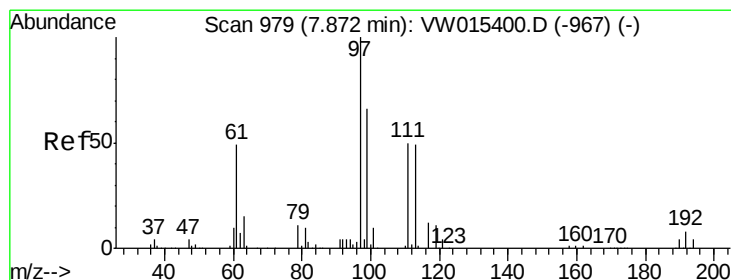
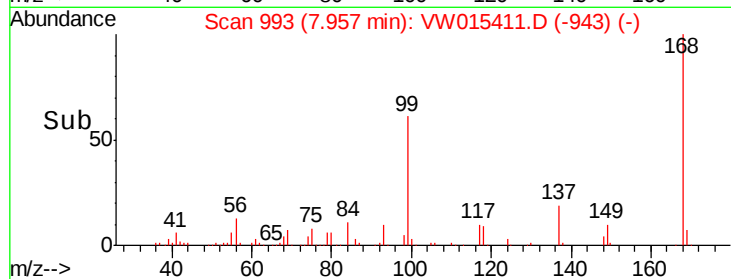
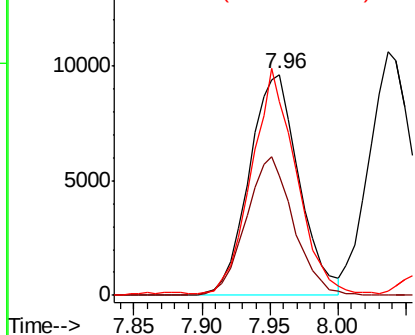
#31
Cyclohexane
Concen: 5.884 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 24746
Ion Ratio Lower Upper
56 100
69 54.1 27.2 40.8#
84 86.5 67.7 101.5

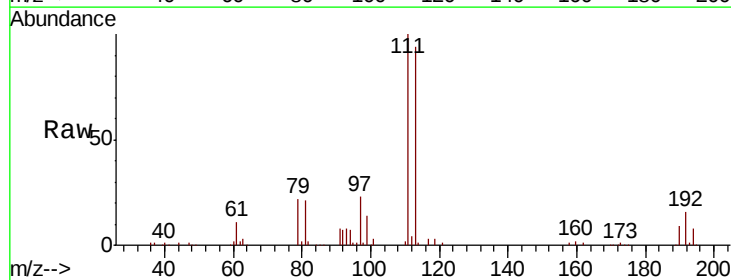


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

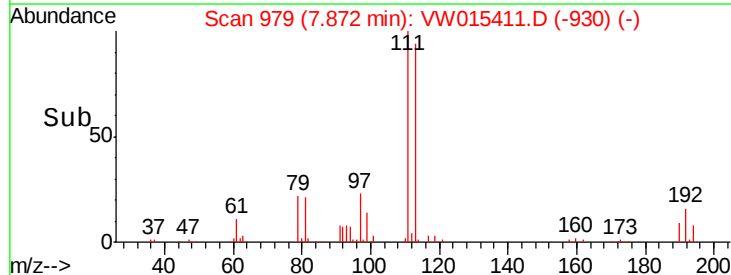
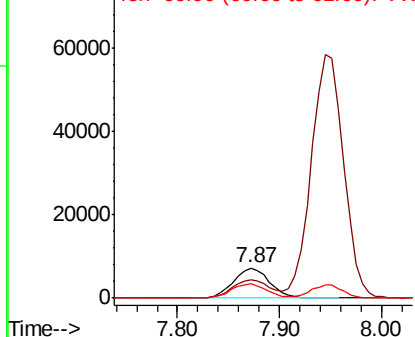


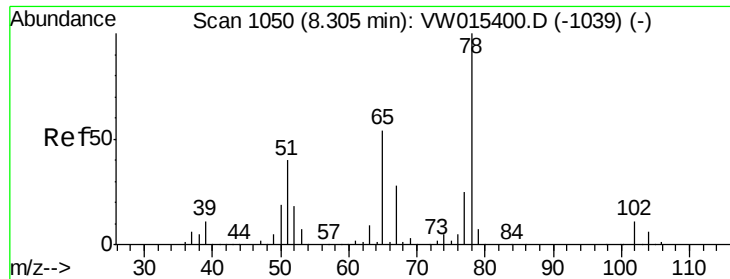
#32
1,1,1-Trichloroethane
Concen: 5.135 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion: 97 Resp: 17761
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 47.3 38.0 57.0



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

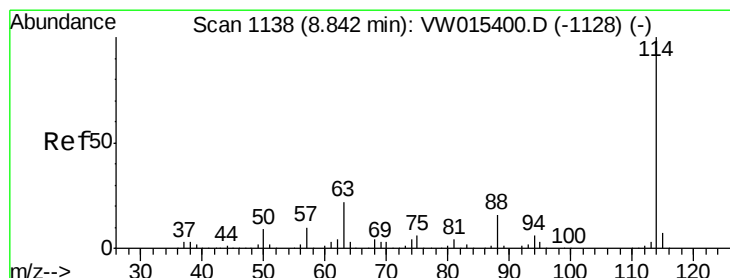
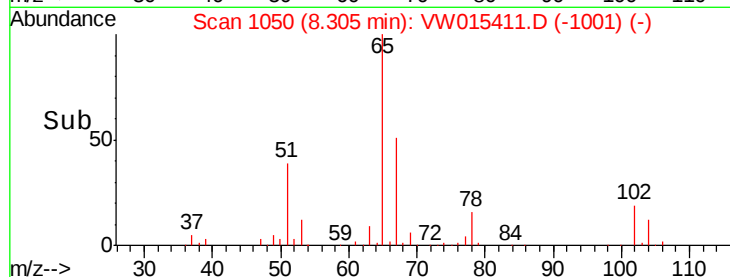
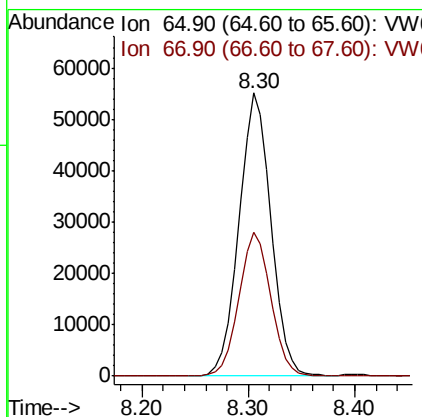
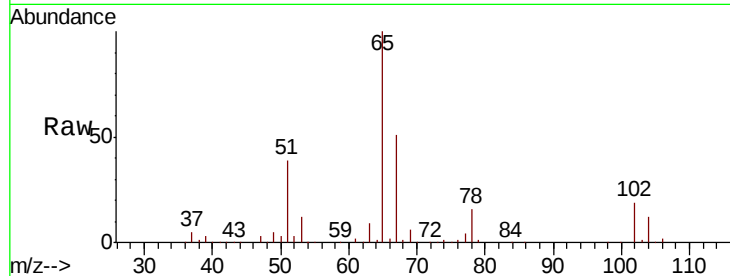




#33
 1,2-Dichloroethane-d4
 Concen: 50.640 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

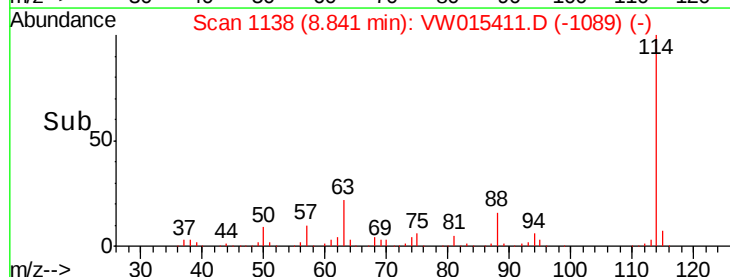
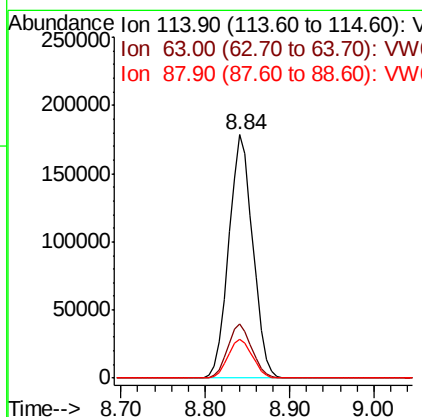
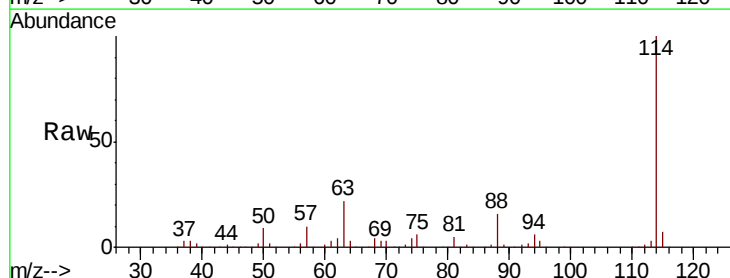
Instrument :
 MSVOA_W
 ClientSampleId :

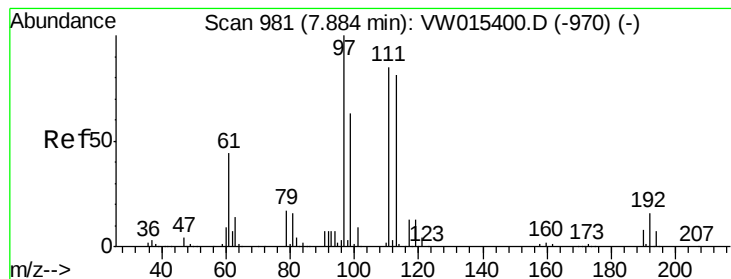
Tot Ion: 65 Resp: 116226
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Tgt Ion: 114 Resp: 345392
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.4
 88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.458 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampled :

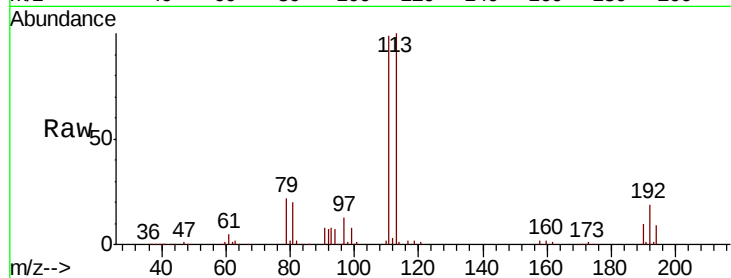
Tot Ion:113 Resp: 100028

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

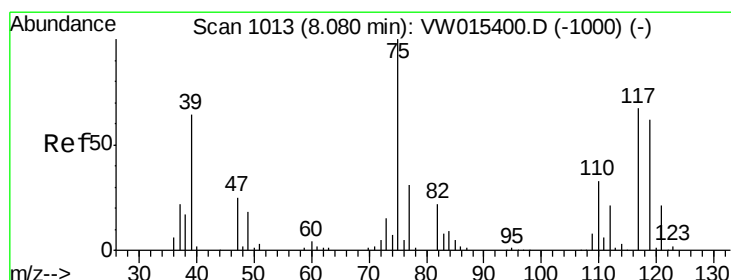
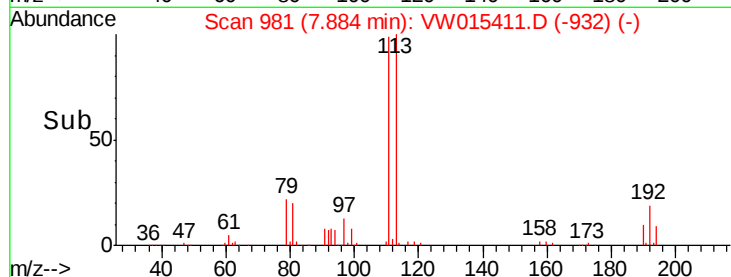
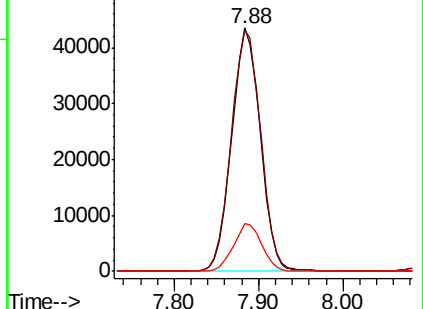
192 19.3 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.024 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

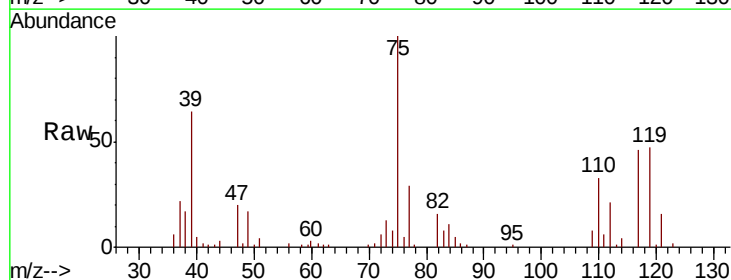
Tgt Ion: 75 Resp: 17050

Ion Ratio Lower Upper

75 100

110 33.1 16.6 49.8

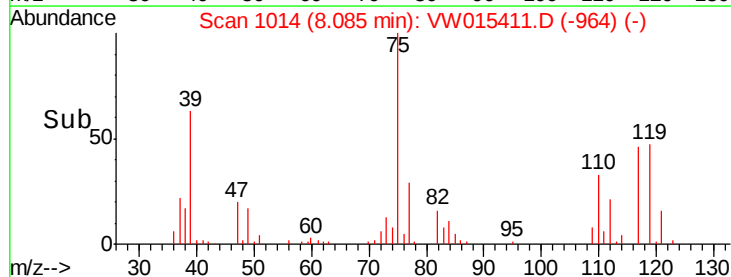
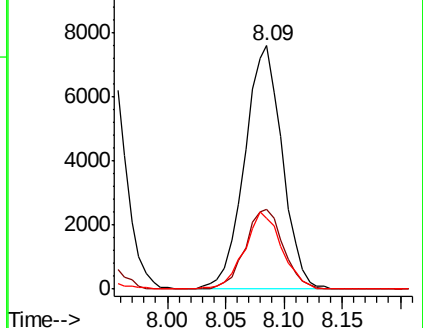
77 31.4 24.5 36.7

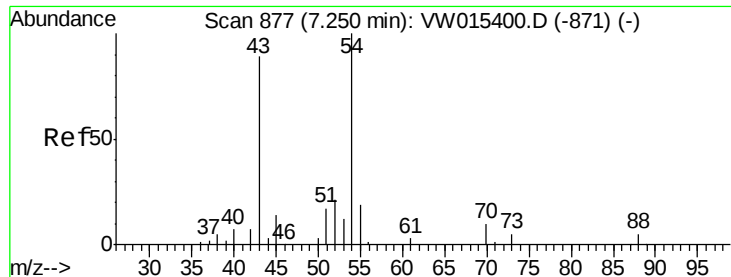


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

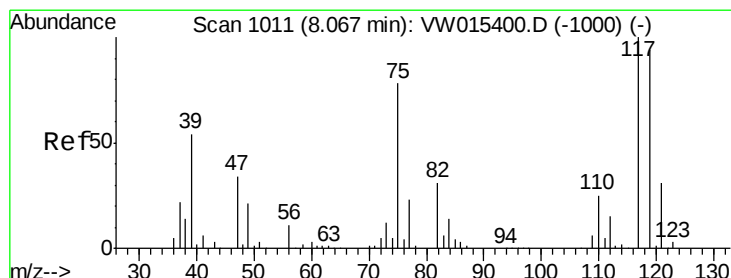
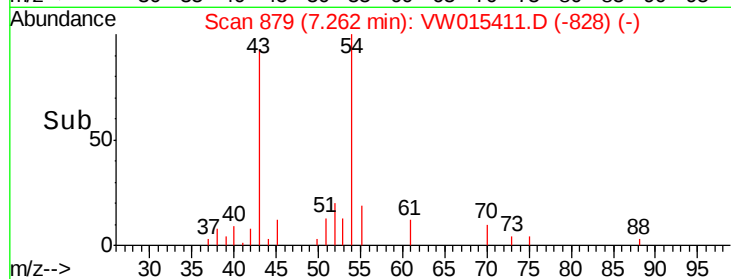
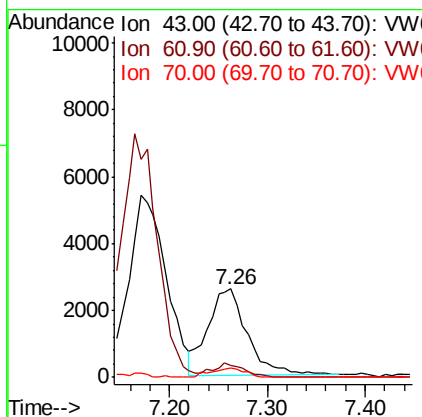
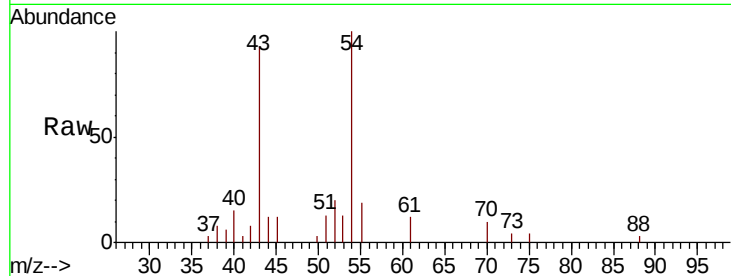




#37
Ethyl Acetate
Concen: 5.584 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

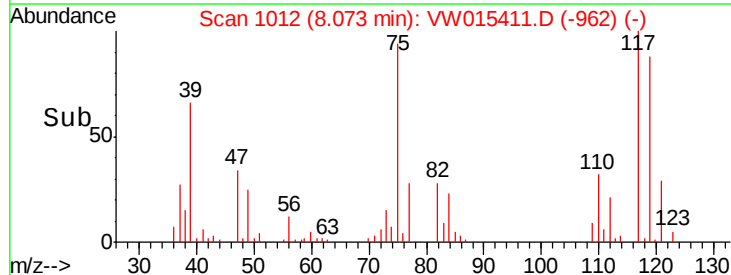
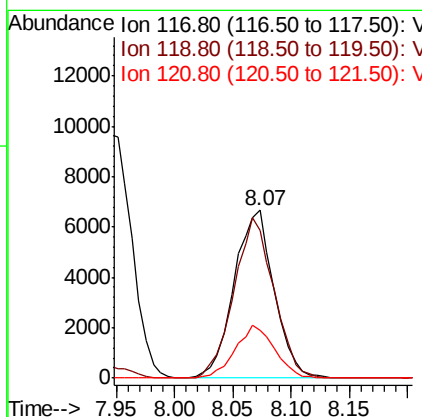
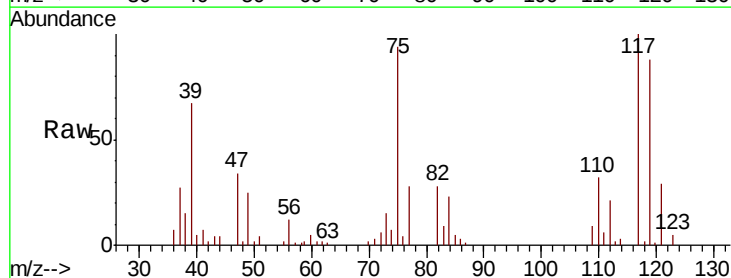
Instrument :
MSVOA_W
ClientSampled :

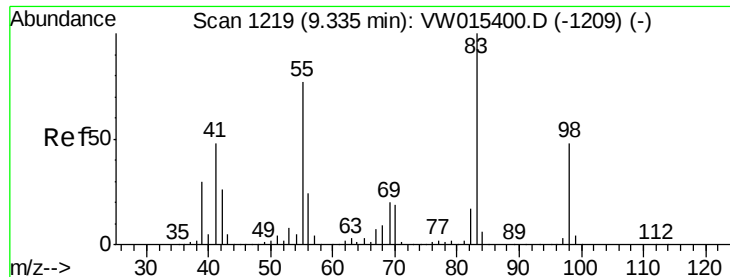
Tot Ion: 43 Resp: 7353
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 5.014 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion: 117 Resp: 15906
Ion Ratio Lower Upper
117 100
119 88.2 75.4 113.0
121 28.5 24.8 37.2

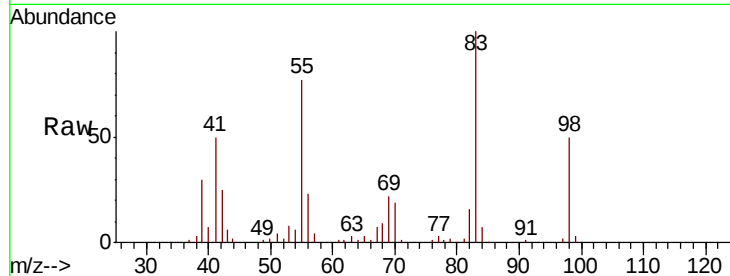




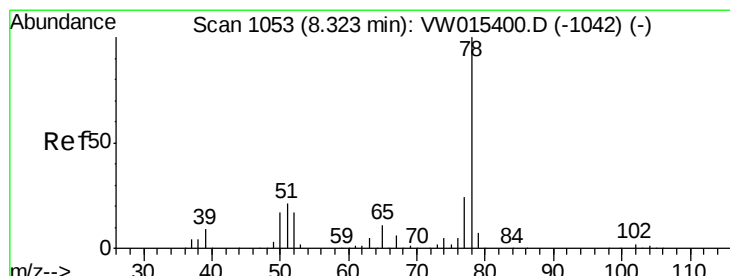
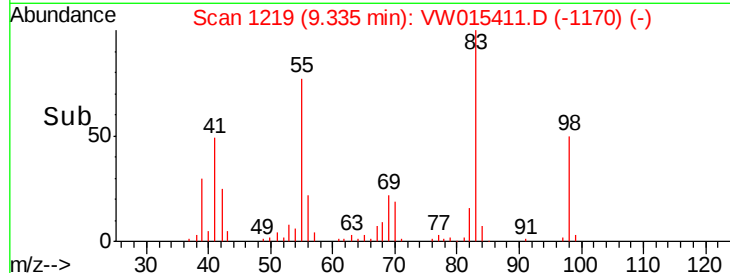
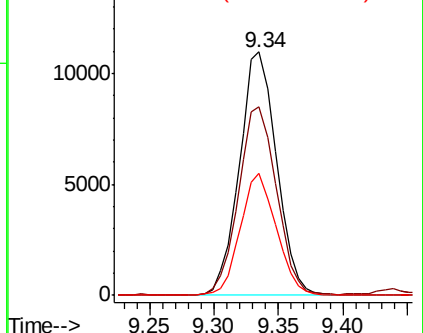
#39
Methvlcvclohexane
Concen: 5.103 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 21918
Ion Ratio Lower Upper
83 100
55 77.4 61.9 92.9
98 50.0 38.2 57.2

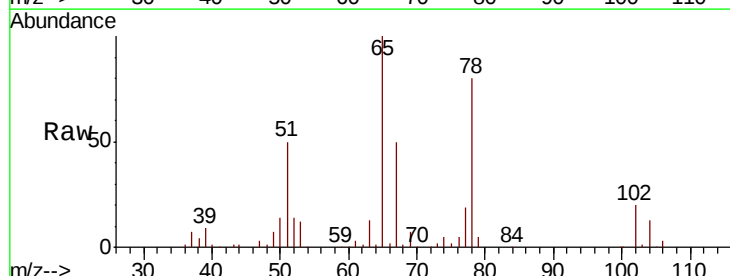


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

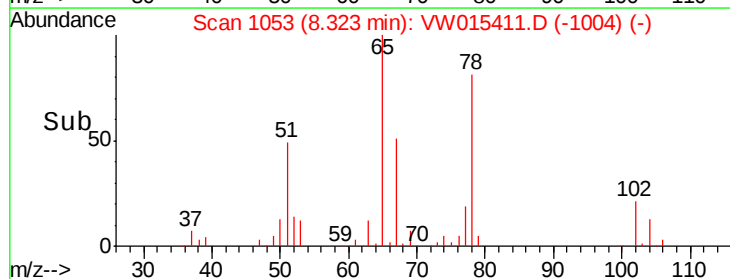
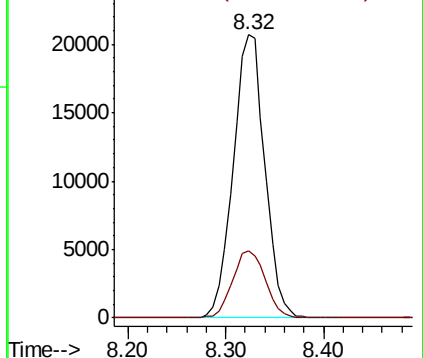


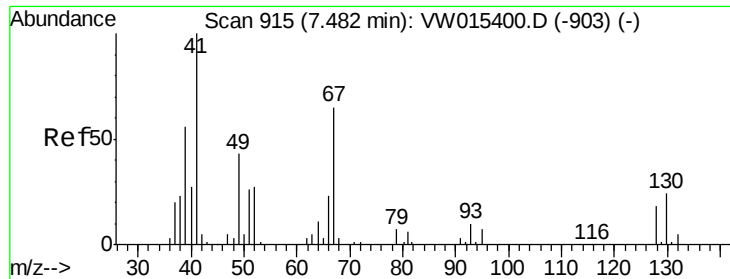
#40
Benzene
Concen: 4.992 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion: 78 Resp: 46197
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

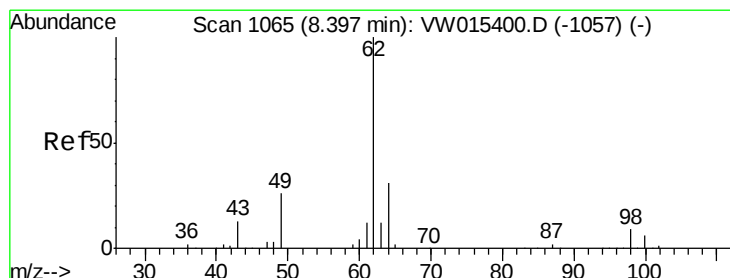
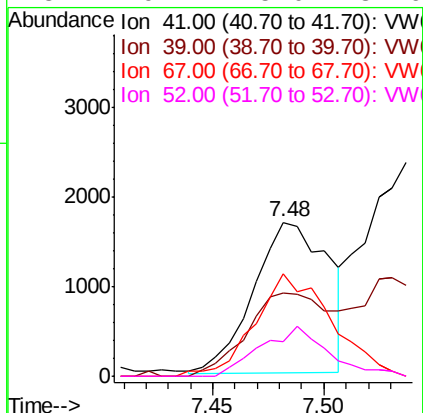
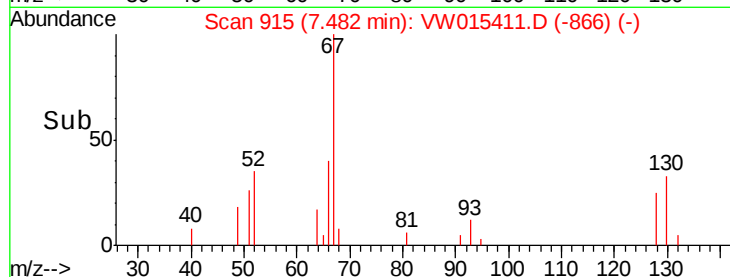
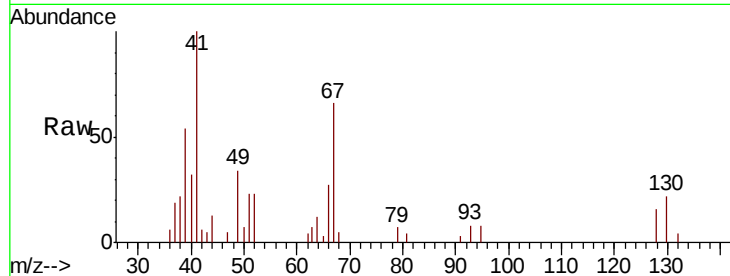




#41
Methacrylonitrile
Concen: 4.766 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

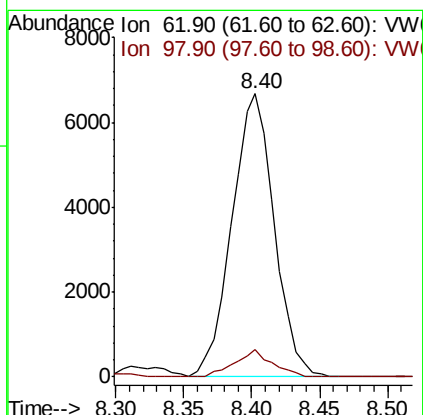
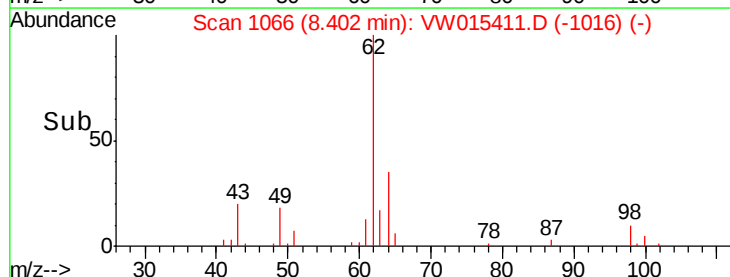
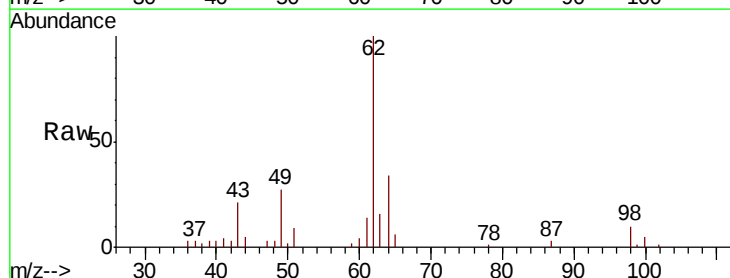
Instrument :
MSVOA_W
ClientSampled :

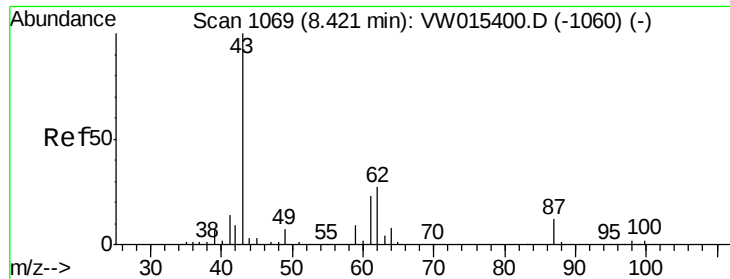
Tot Ion:	41	Resp:	3965
Ion	Ratio	Lower	Upper
41	100		
39	61.0	46.2	69.4
67	69.1	56.2	84.2
52	29.7	25.0	37.6



#42
1,2-Dichloroethane
Concen: 5.132 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion:	62	Resp:	14467
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 5.030 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampled :

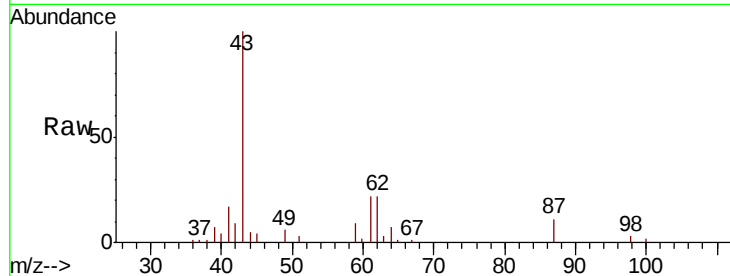
Tot Ion: 43 Resp: 13930

Ion Ratio Lower Upper

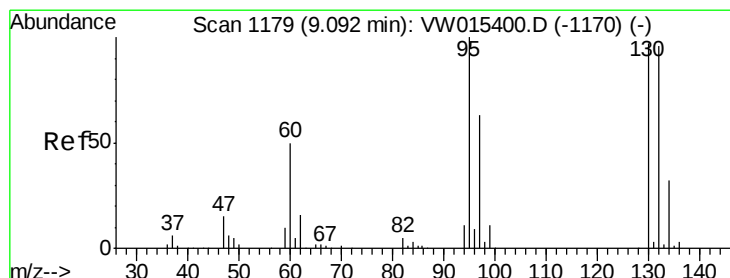
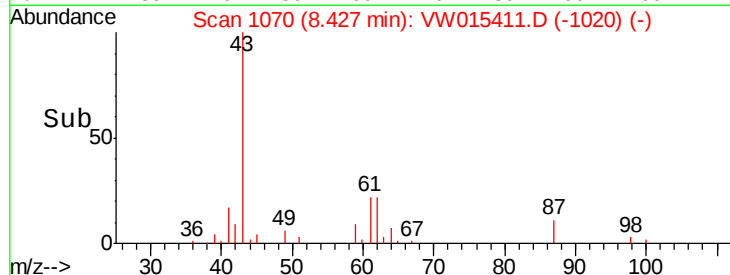
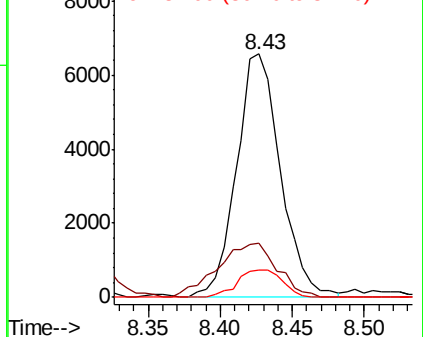
43 100

61 30.2 24.3 36.5

87 11.5 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.945 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015411.D

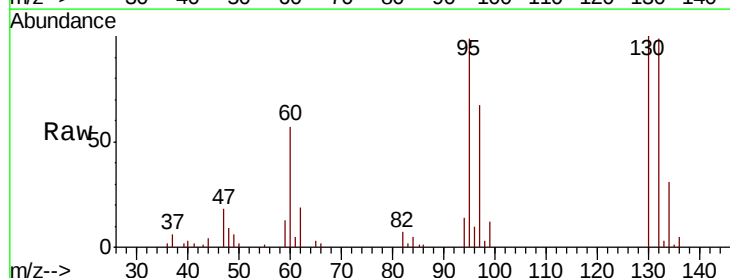
Acq: 06 May 2020 13:11

Tgt Ion: 130 Resp: 11861

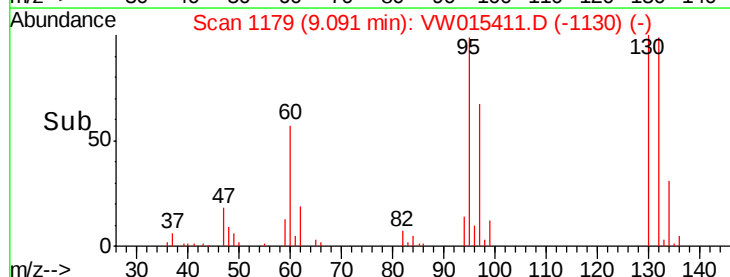
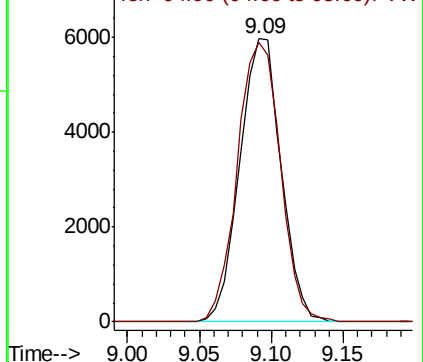
Ion Ratio Lower Upper

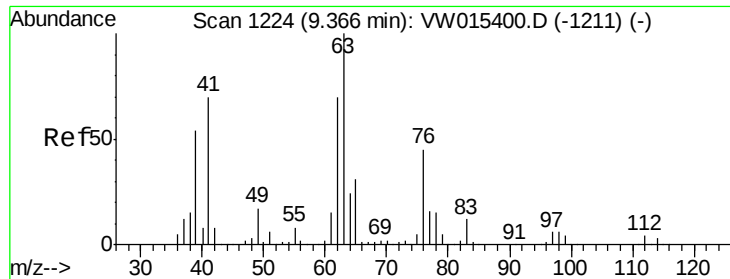
130 100

95 98.6 0.0 205.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 4.895 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

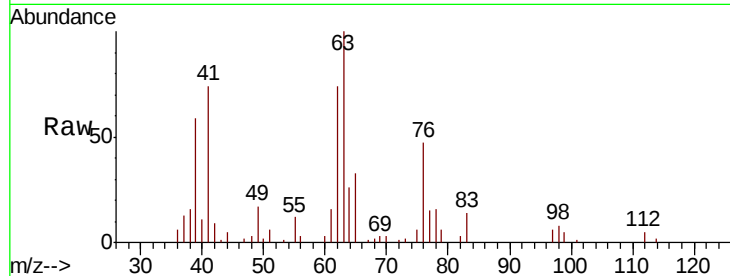
ClientSampleId :

Tot Ion: 63 Resp: 11191

Ion Ratio Lower Upper

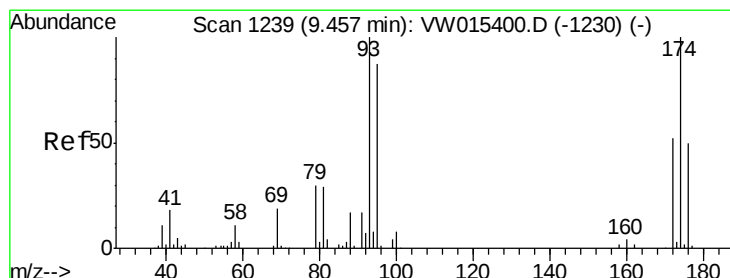
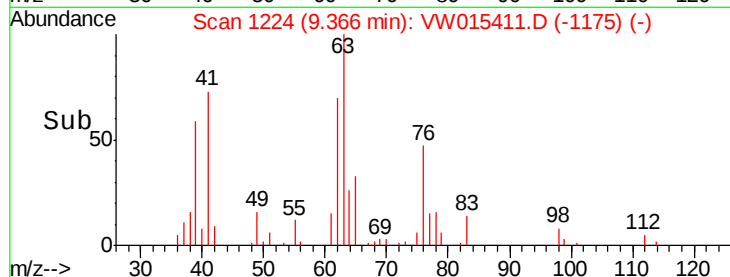
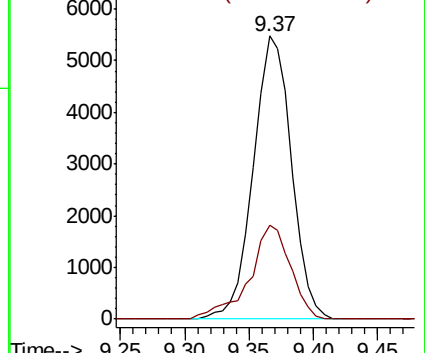
63 100

65 33.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 5.083 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

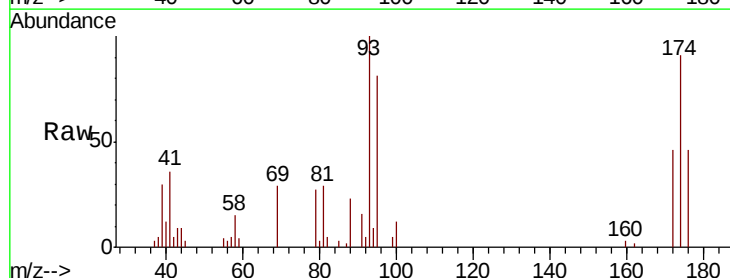
Tgt Ion: 93 Resp: 5780

Ion Ratio Lower Upper

93 100

95 80.0 67.0 100.4

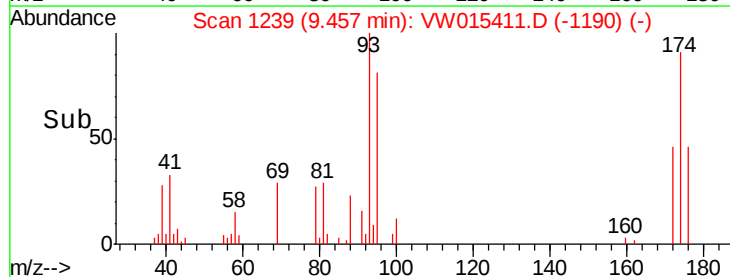
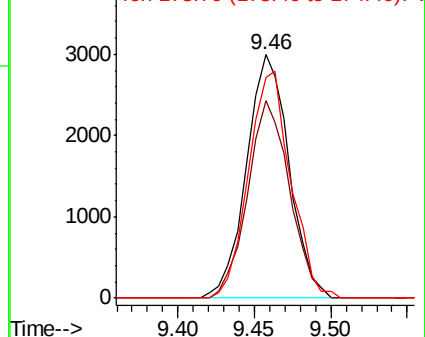
174 92.8 78.4 117.6

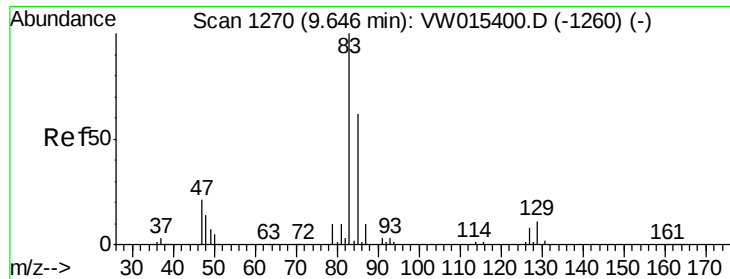


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

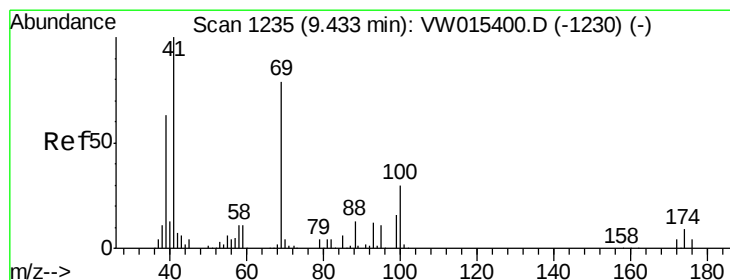
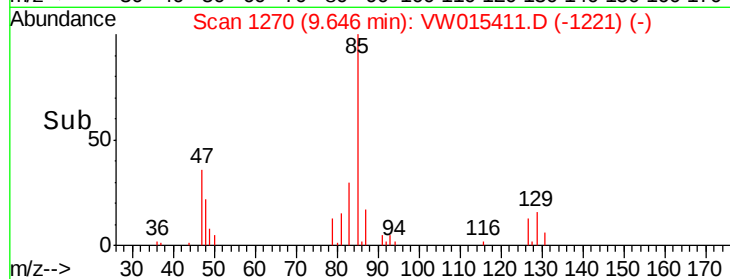
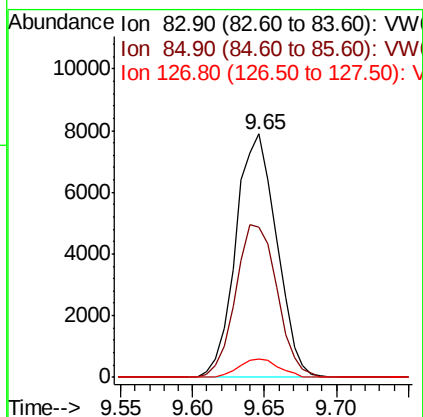
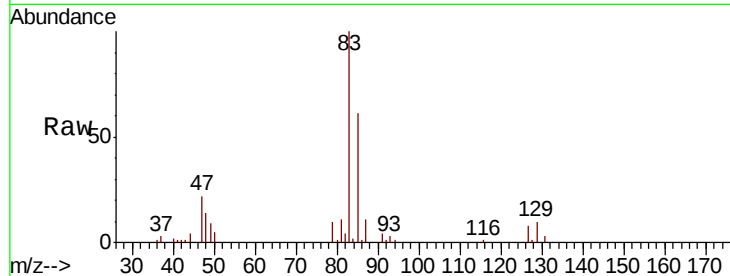




#47
 Bromodichloromethane
 Concen: 4.998 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

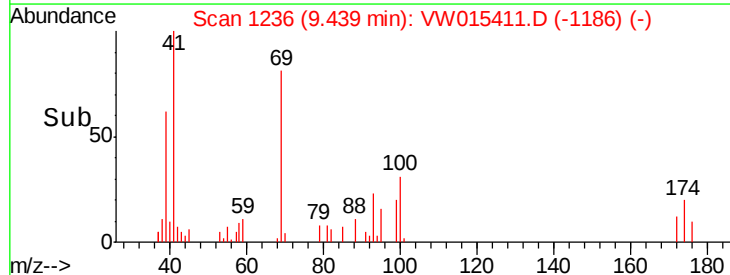
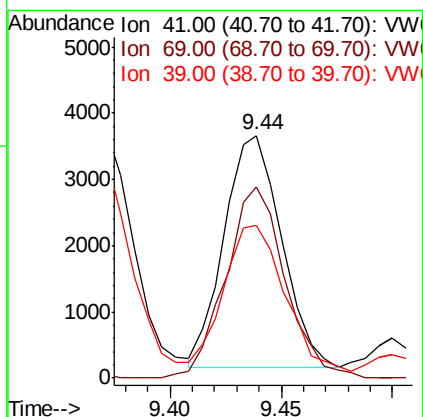
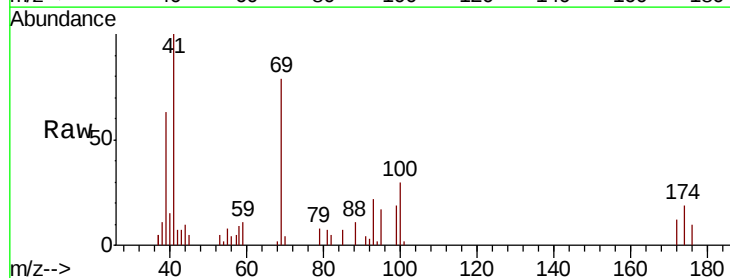
Instrument :
 MSVOA_W
 ClientSampleId :

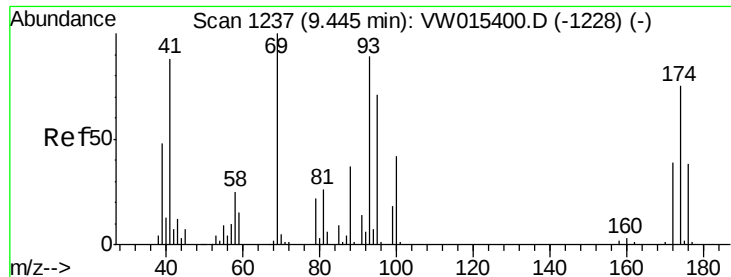
Tot Ion	83	Resp	15490
Ion Ratio	Lower	Upper	
83	100		
85	61.5	49.4	74.0
127	7.7	6.4	9.6



#48
 Methyl methacrylate
 Concen: 4.910 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Tgt Ion	41	Resp	6280
Ion Ratio	Lower	Upper	
41	100		
69	85.7	66.2	99.4
39	66.4	51.1	76.7





#49

1,4-Dioxane

Concen: 103.631 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

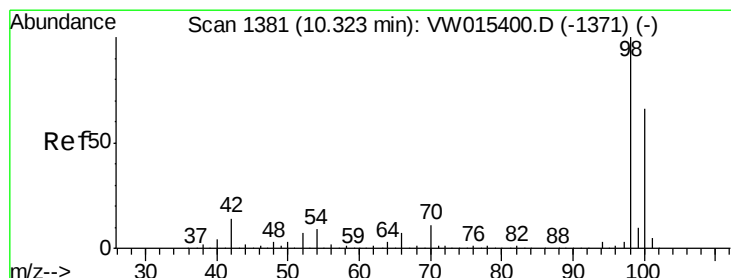
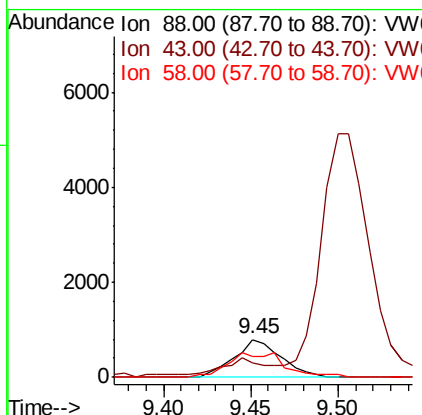
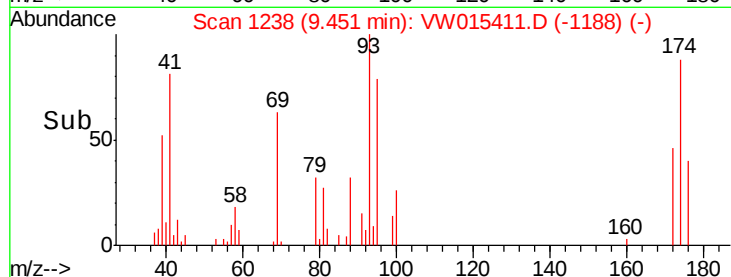
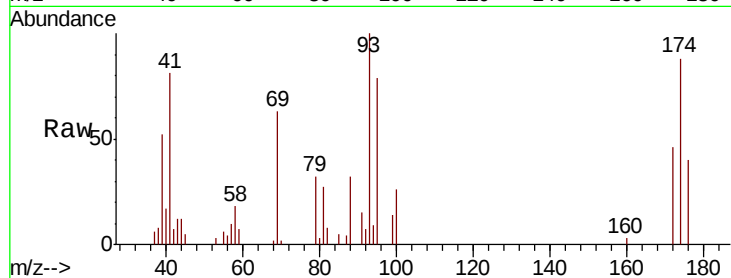
Tot Ion: 88 Resp: 1483

Ion Ratio Lower Upper

88 100

43 44.3 30.6 45.8

58 79.6 56.3 84.5



#50

Toluene-d8

Concen: 50.544 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015411.D

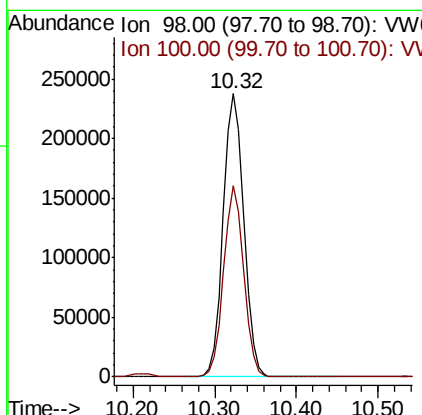
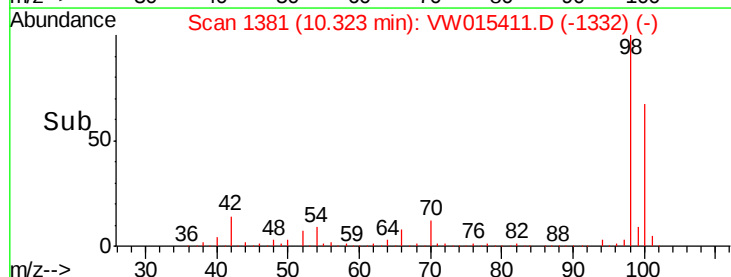
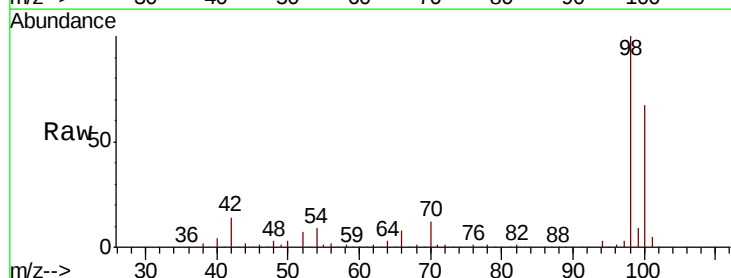
Acq: 06 May 2020 13:11

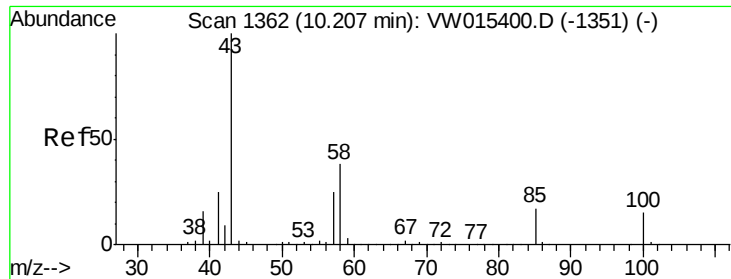
Tgt Ion: 98 Resp: 414659

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 25.774 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

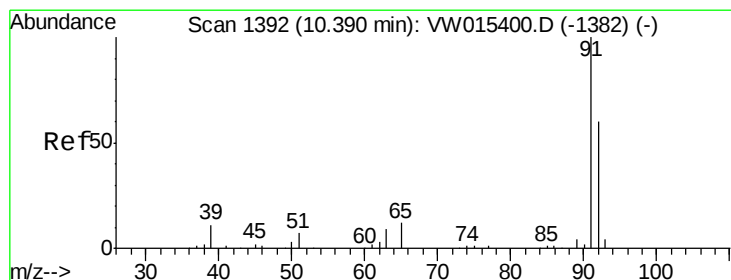
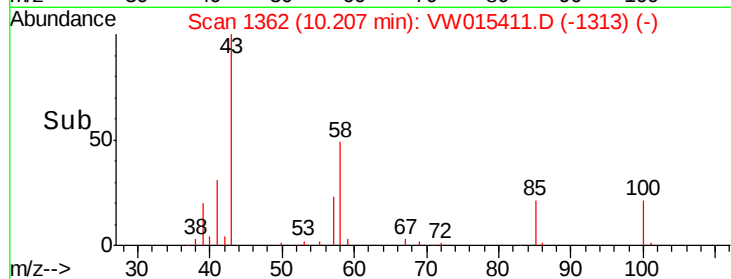
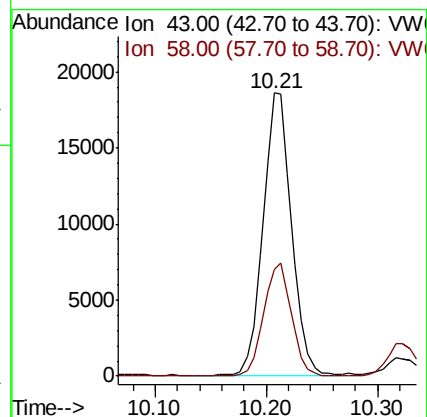
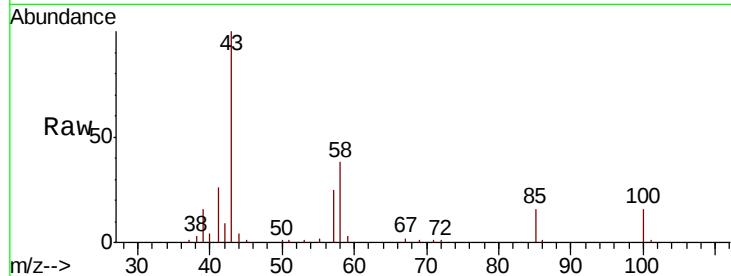
ClientSampled :

Tot Ion: 43 Resp: 33449

Ion Ratio Lower Upper

43 100

58 38.5 30.8 46.2



#52

Toluene

Concen: 4.960 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015411.D

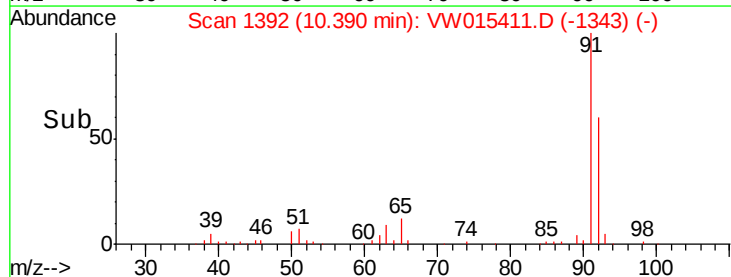
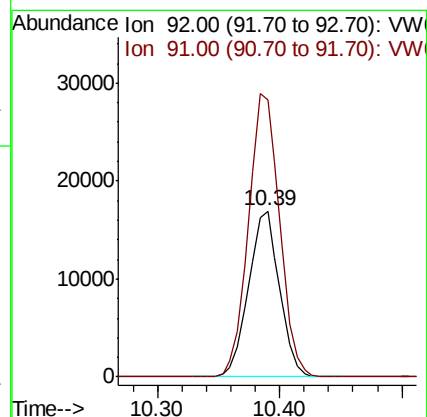
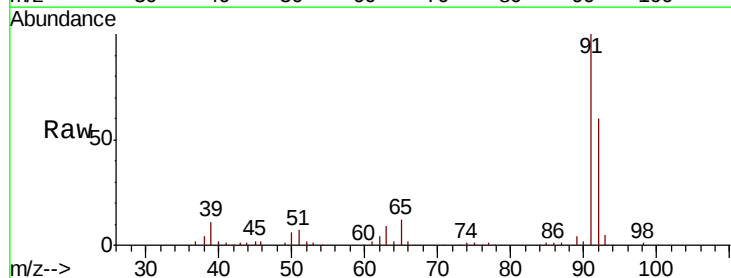
Acq: 06 May 2020 13:11

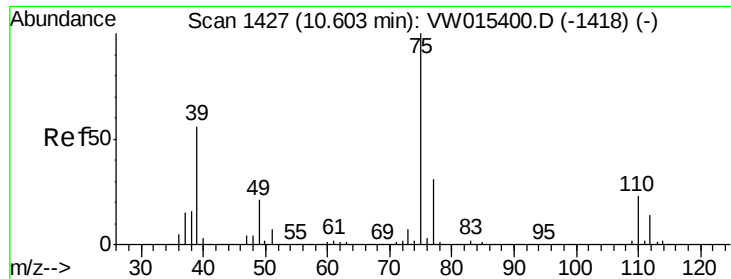
Tgt Ion: 92 Resp: 29829

Ion Ratio Lower Upper

92 100

91 171.7 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 4.834 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

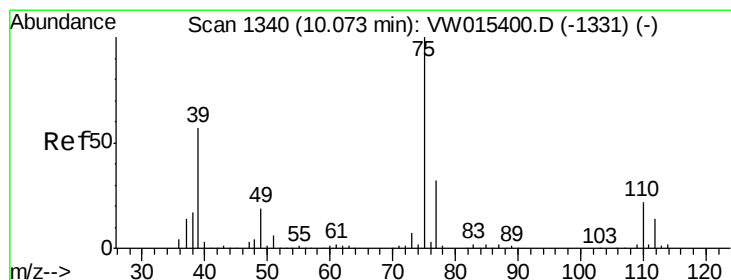
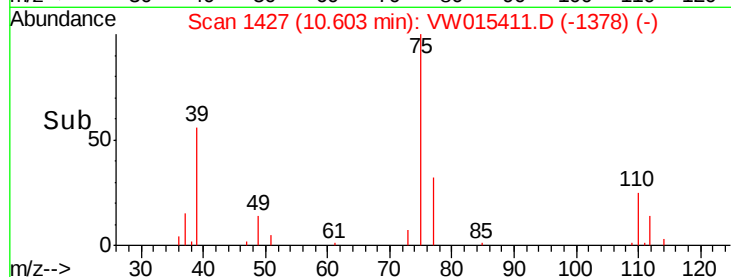
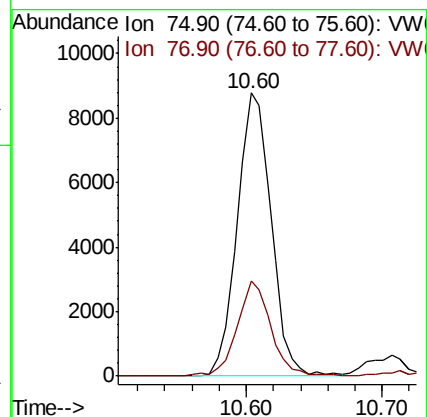
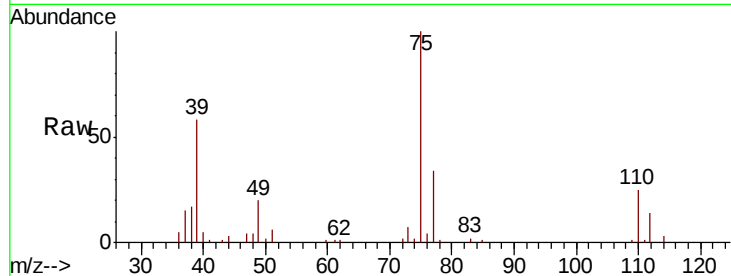
ClientSampleId :

Tot Ion: 75 Resp: 15291

Ion Ratio Lower Upper

75 100

77 33.5 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 4.893 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

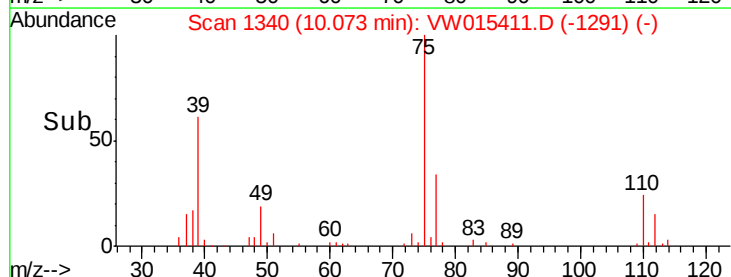
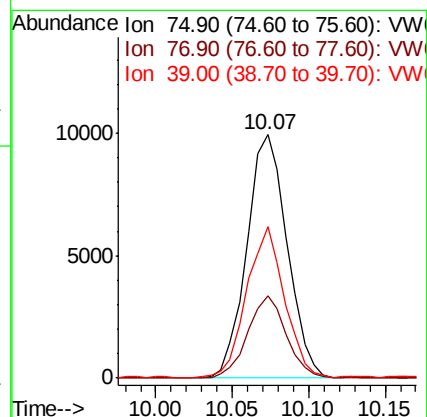
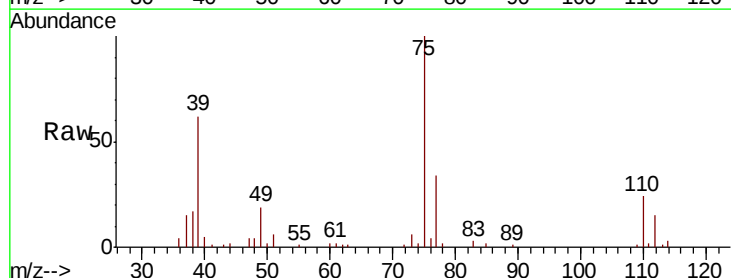
Tgt Ion: 75 Resp: 18224

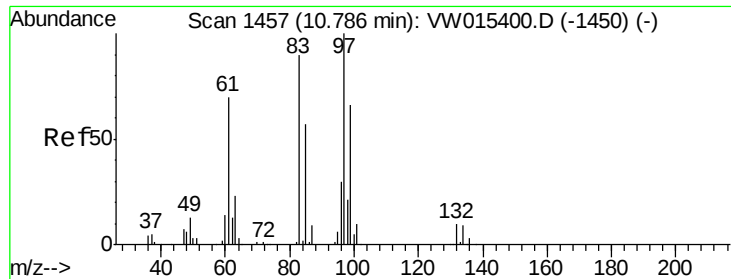
Ion Ratio Lower Upper

75 100

77 33.9 25.6 38.4

39 62.0 45.6 68.4

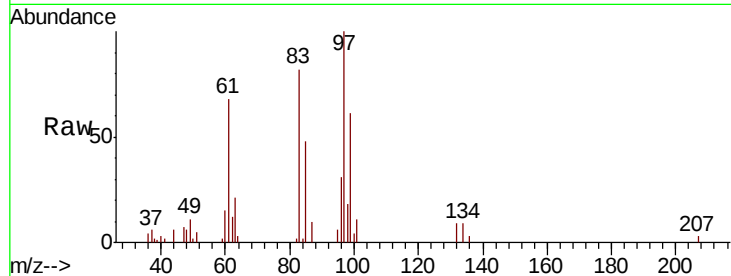




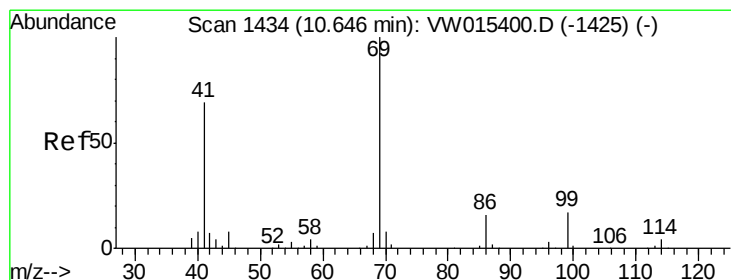
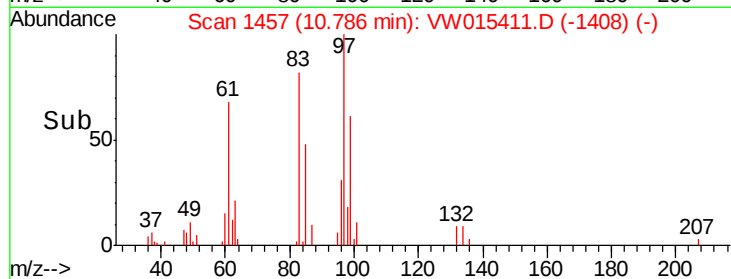
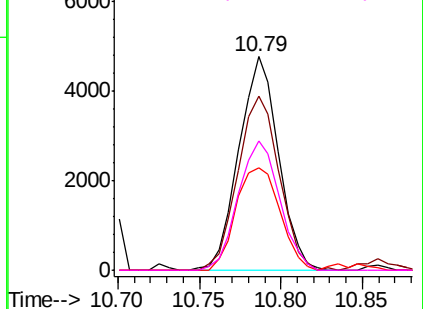
#55
 1,1,2-Trichloroethane
 Concen: 5.014 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	8063
Ion	Ratio	Lower	Upper
97	100		
83	81.7	72.2	108.4
85	47.7	45.2	67.8
99	60.6	52.6	78.8

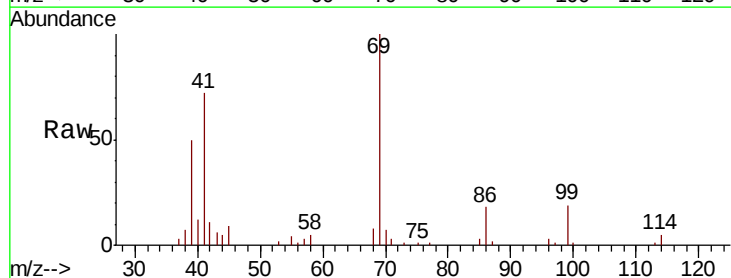


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

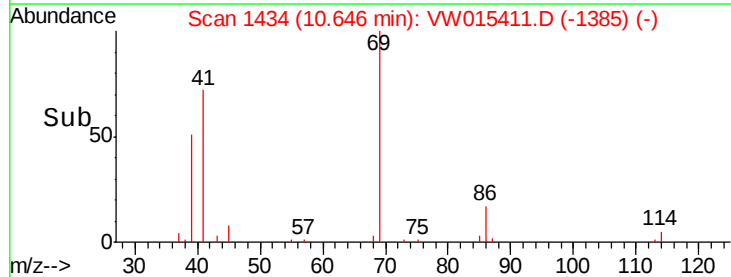
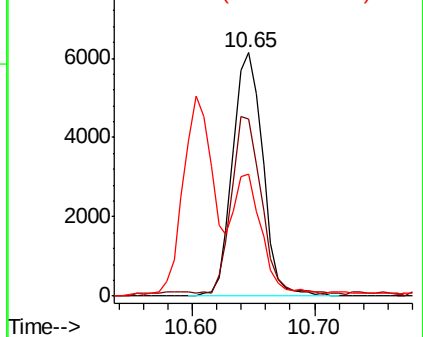


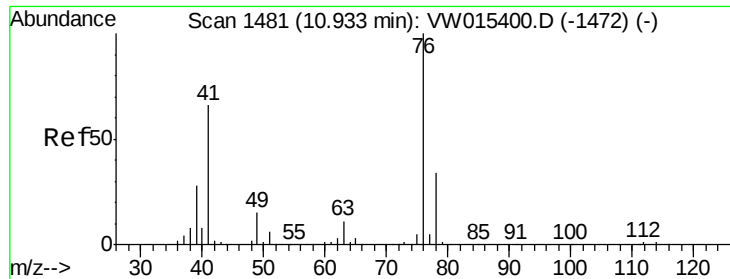
#56
 Ethyl methacrylate
 Concen: 4.747 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Tgt Ion:	69	Resp:	10487
Ion	Ratio	Lower	Upper
69	100		
41	73.6	55.3	82.9
39	45.8	31.9	47.9



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

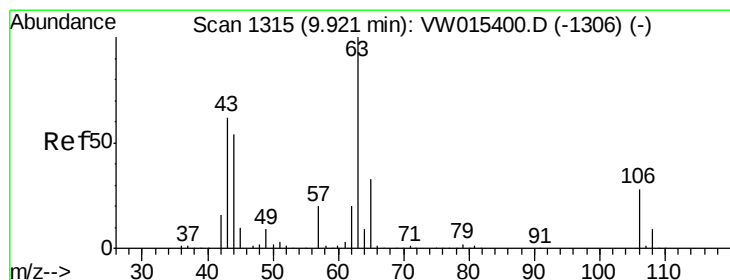
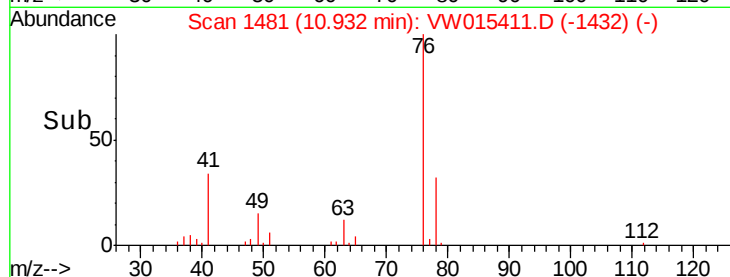
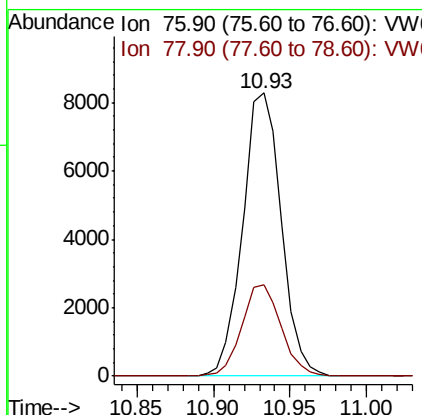
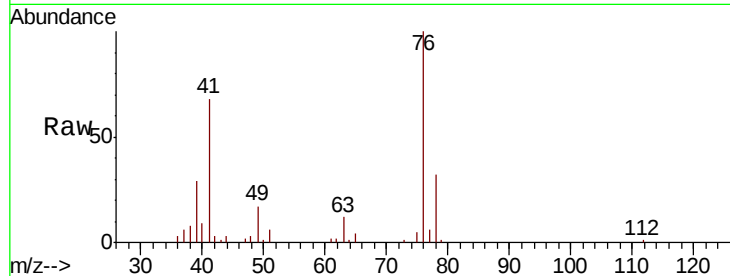




#57
 1,3-Dichloropropane
 Concen: 5.024 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

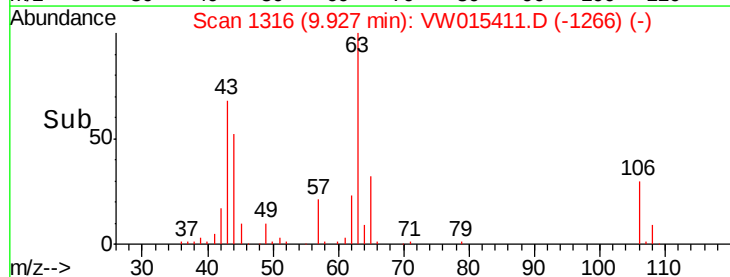
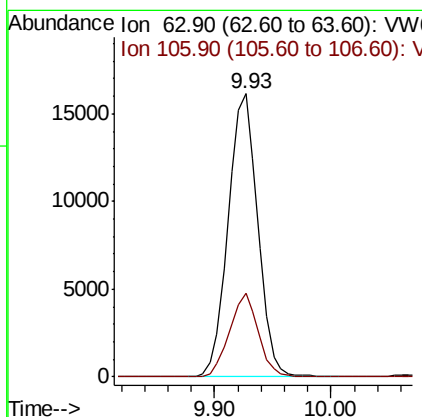
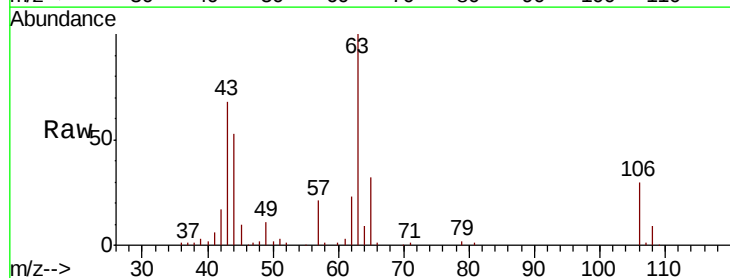
Instrument :
 MSVOA_W
 ClientSampled :

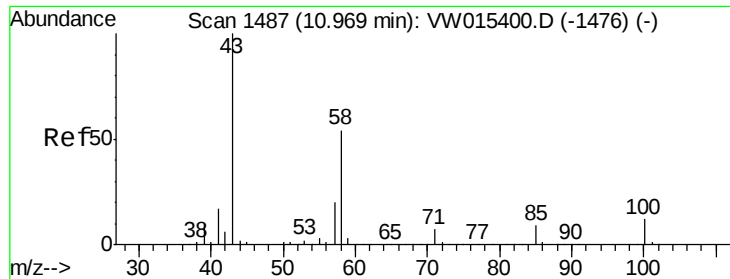
Tot Ion: 76 Resp: 14525
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.569 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Tgt Ion: 63 Resp: 28558
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.6 33.8





#59

2-Hexanone

Concen: 25.554 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

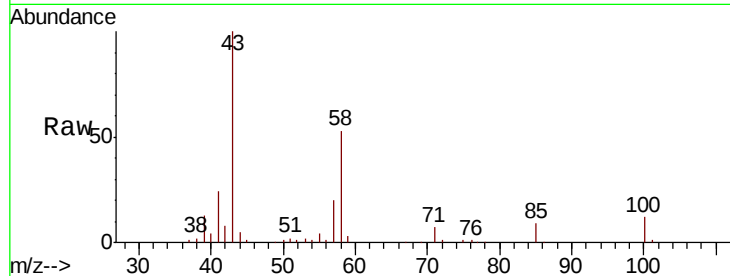
ClientSampled :

Tot Ion: 43 Resp: 22439

Ion Ratio Lower Upper

43 100

58 51.5 26.7 80.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.97

15000

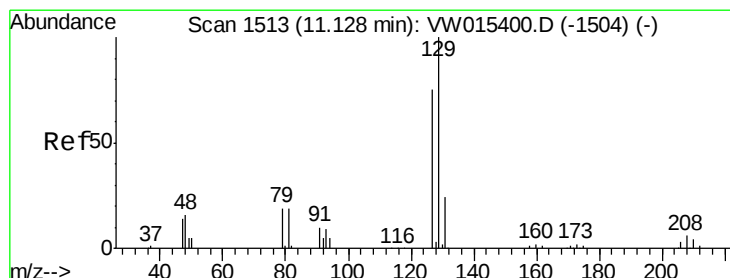
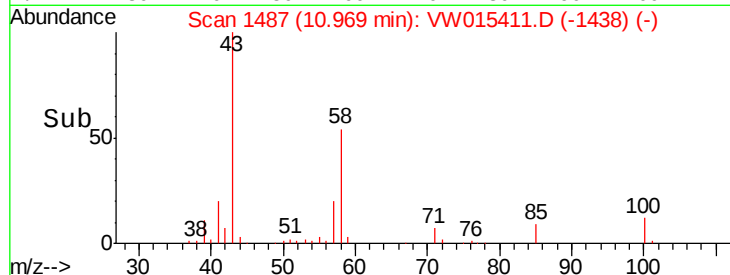
10000

5000

0

Time-->

10.90 11.00



#60

Dibromochloromethane

Concen: 4.654 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015411.D

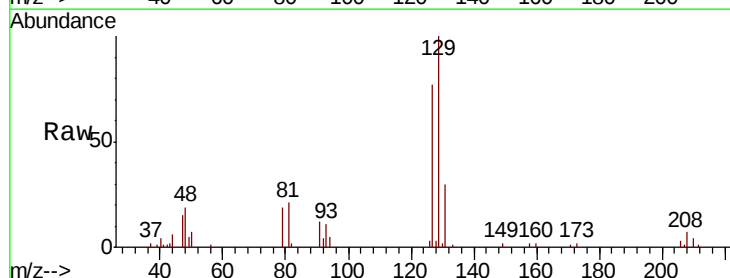
Acq: 06 May 2020 13:11

Tgt Ion: 129 Resp: 9001

Ion Ratio Lower Upper

129 100

127 79.2 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

6000

5000

4000

3000

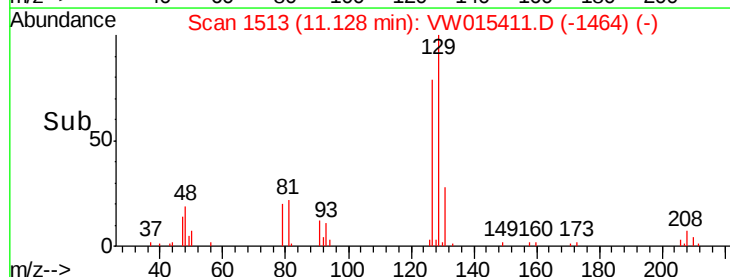
2000

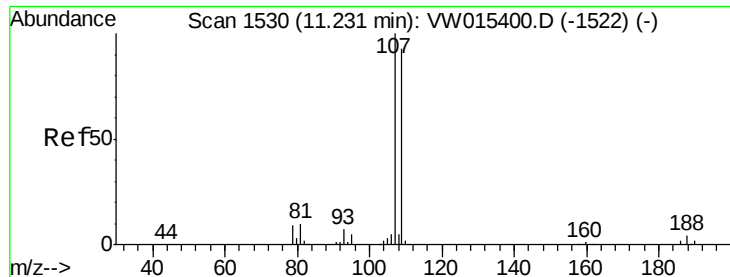
1000

0

Time-->

11.05 11.10 11.15 11.20

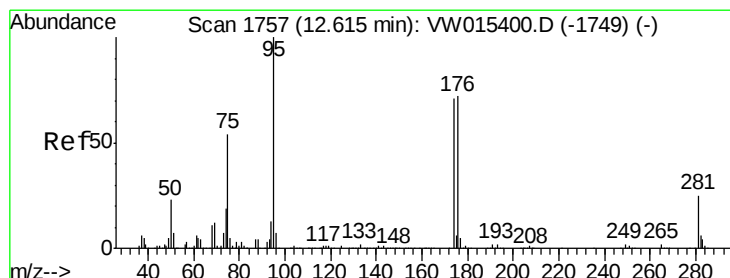
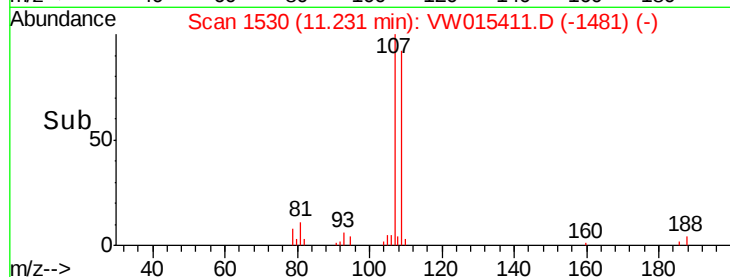
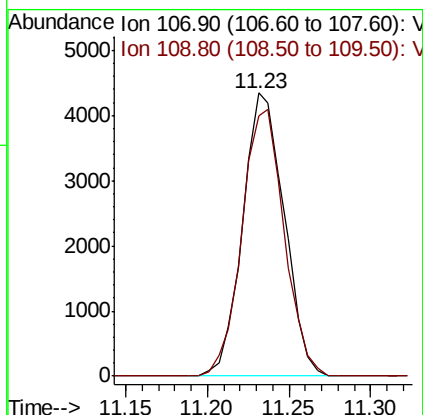
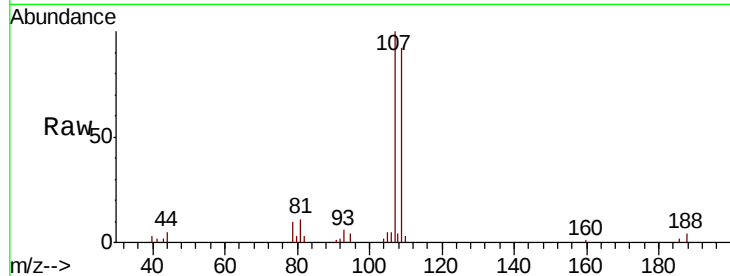




#61
 1,2-Dibromoethane
 Concen: 5.066 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

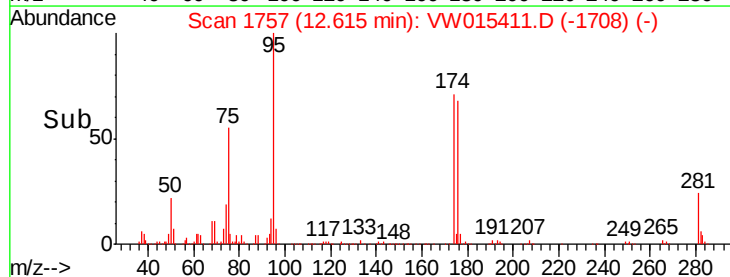
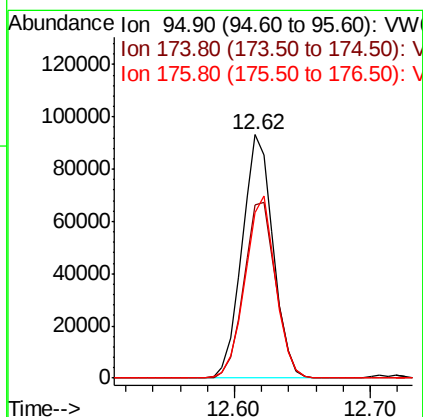
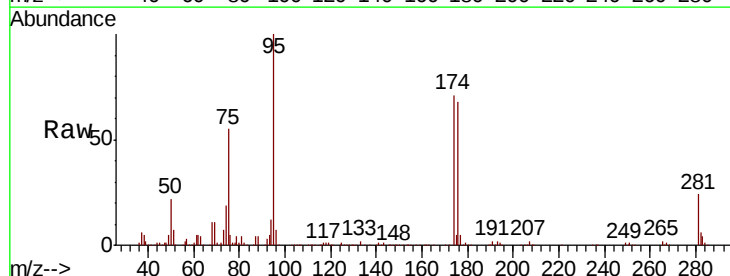
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 107 Resp: 7713
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.818 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Tgt Ion: 95 Resp: 147887
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 147.6
 176 73.9 0.0 144.4

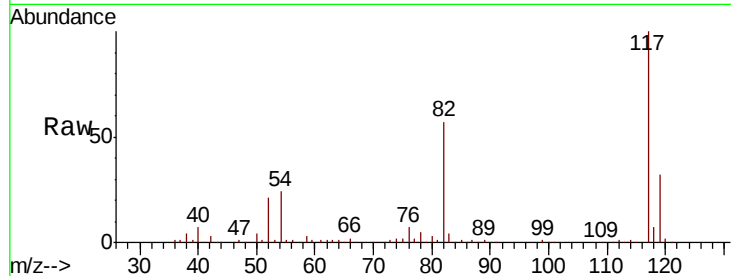




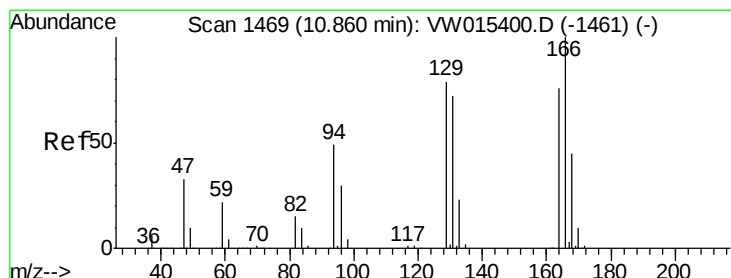
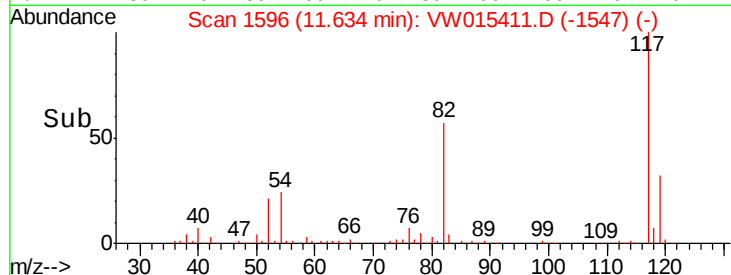
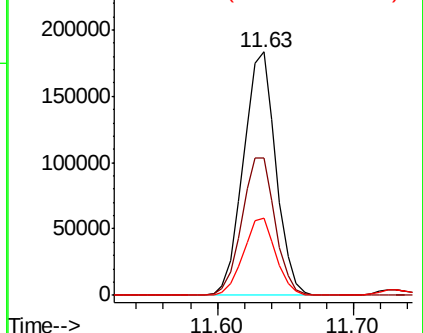
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 306238
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 31.8 24.6 37.0



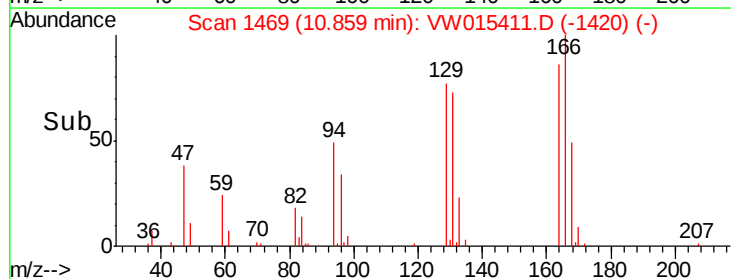
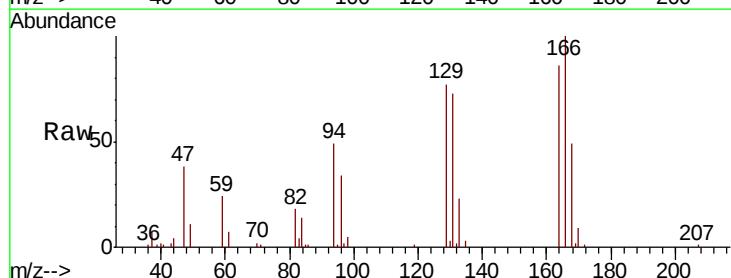
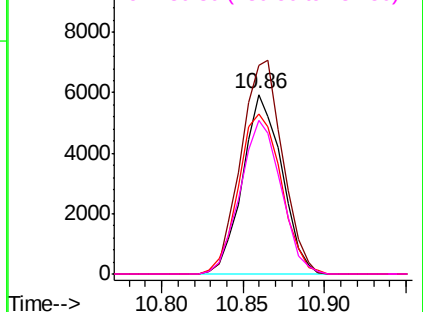
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

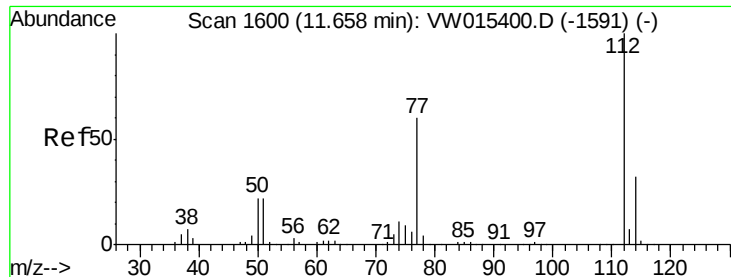


#64
Tetrachloroethene
Concen: 5.320 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion:164 Resp: 9958
Ion Ratio Lower Upper
164 100
166 116.3 104.9 157.3
129 89.5 82.7 124.1
131 85.5 75.5 113.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

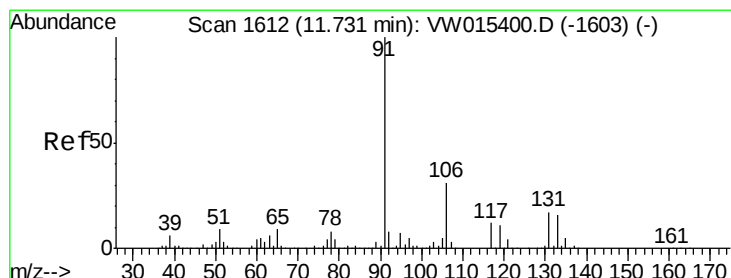
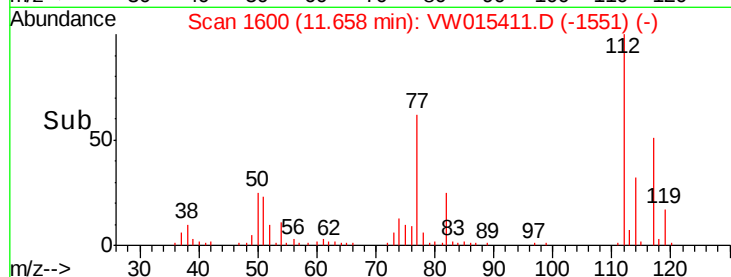
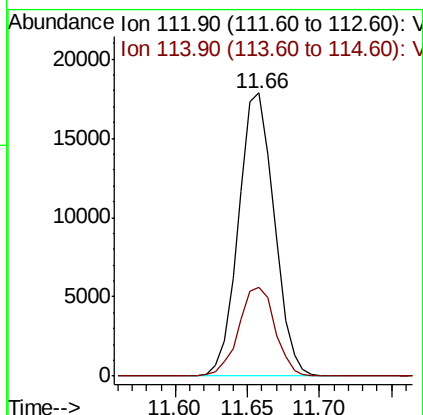
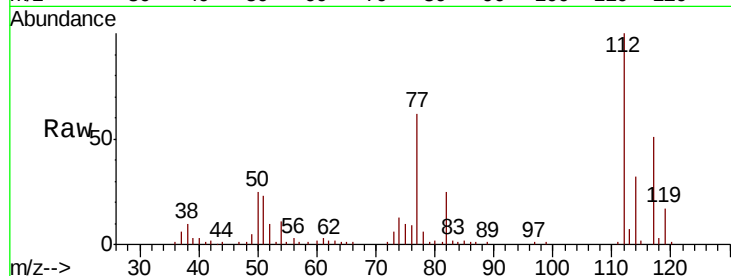




#65
Chlorobenzene
Concen: 5.088 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

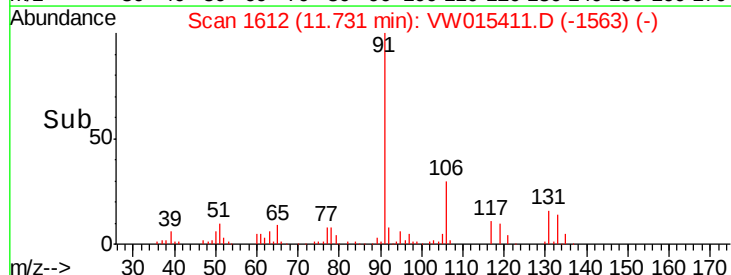
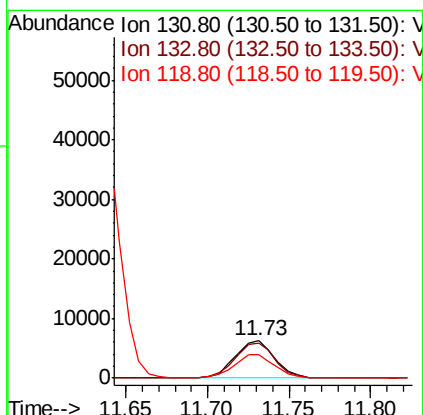
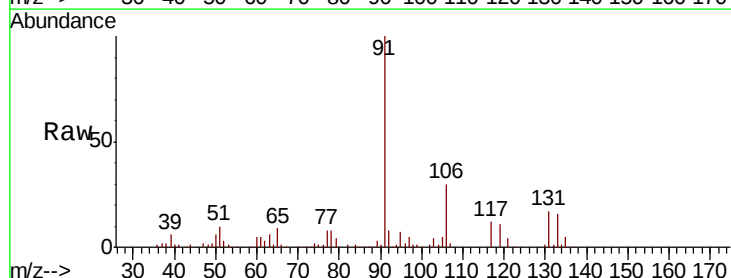
Instrument :
MSVOA_W
ClientSampleId :

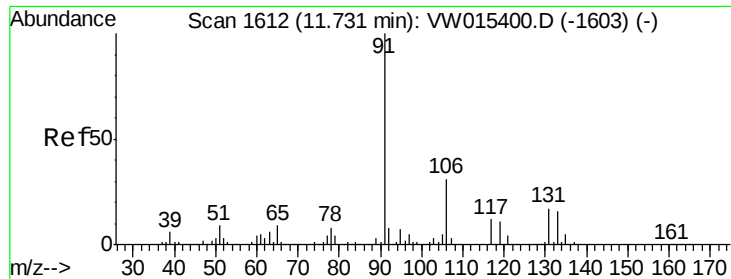
Tot Ion:112 Resp: 30723
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.931 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion:131 Resp: 10556
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 64.9 33.0 99.0

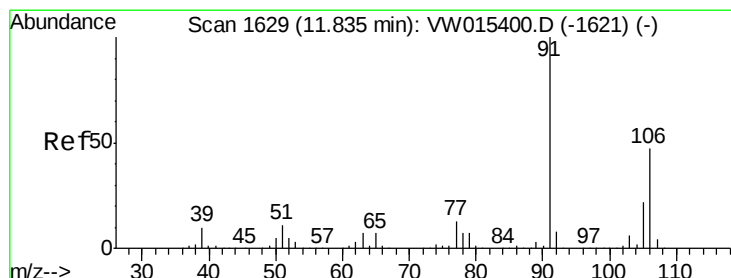
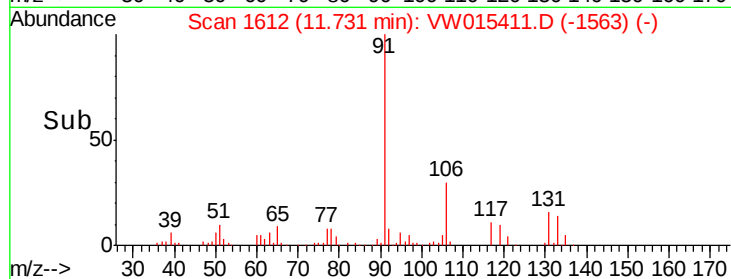
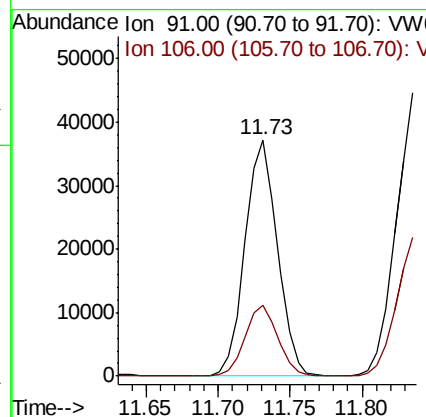
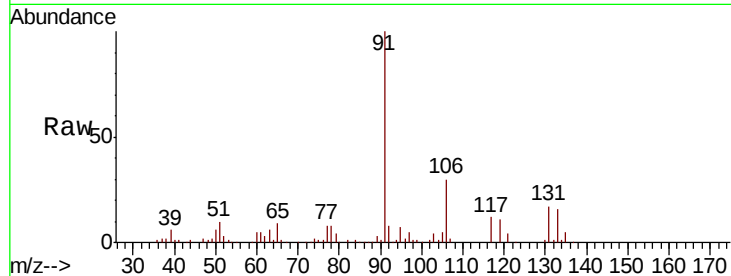




#67
Ethyl Benzene
Concen: 5.029 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

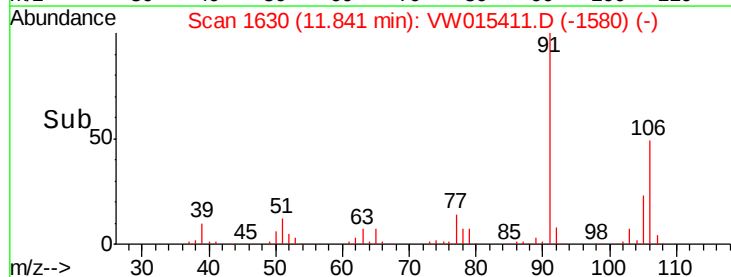
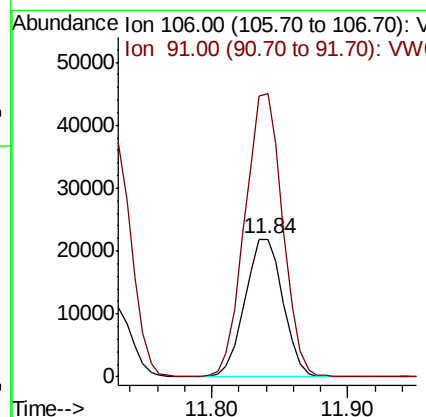
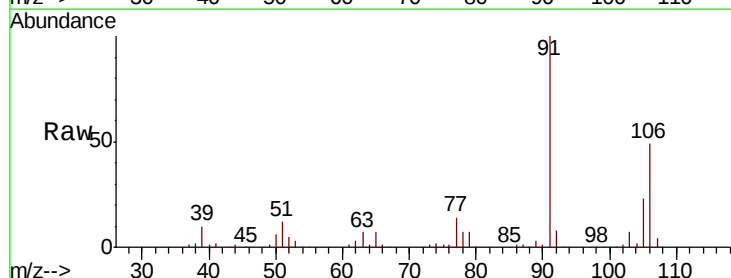
Instrument :
MSVOA_W
ClientSampled :

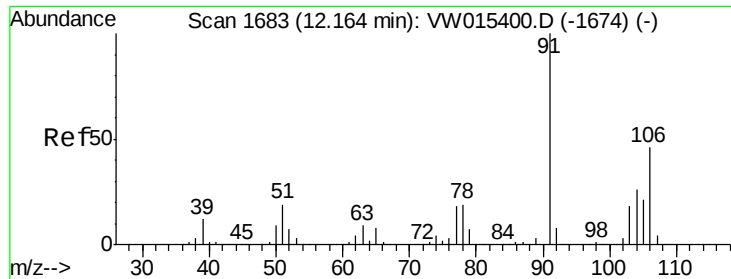
Tot Ion: 91 Resp: 58123
Ion Ratio Lower Upper
91 100
106 29.9 25.2 37.8



#68
m/p-Xylenes
Concen: 9.953 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion: 106 Resp: 42766
Ion Ratio Lower Upper
106 100
91 204.9 165.7 248.5

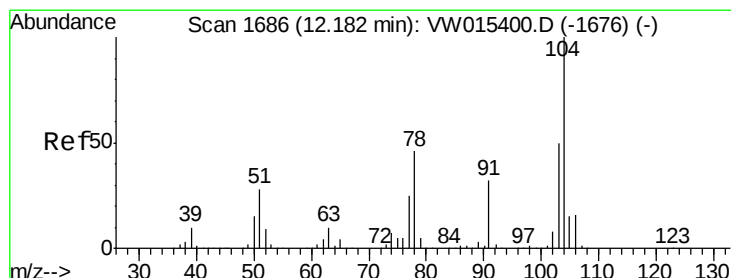
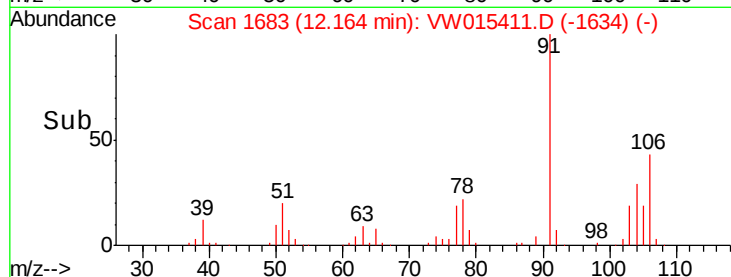
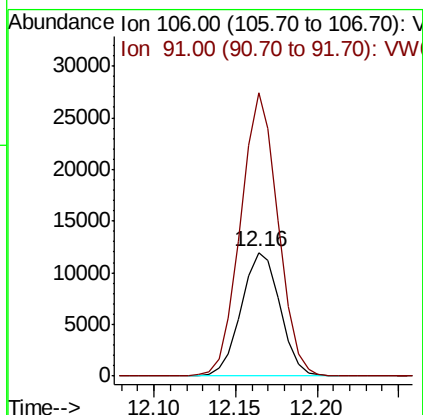
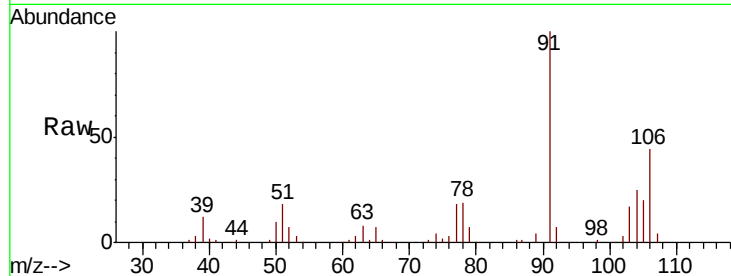




#69
o-Xylene
Concen: 4.894 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

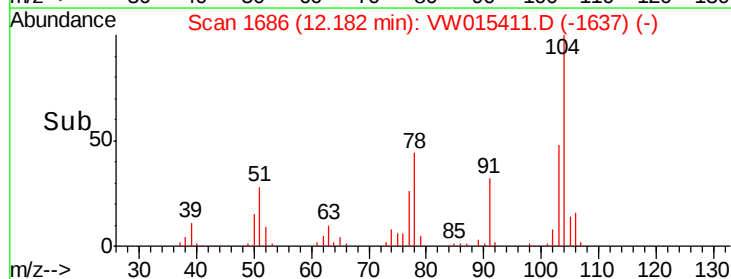
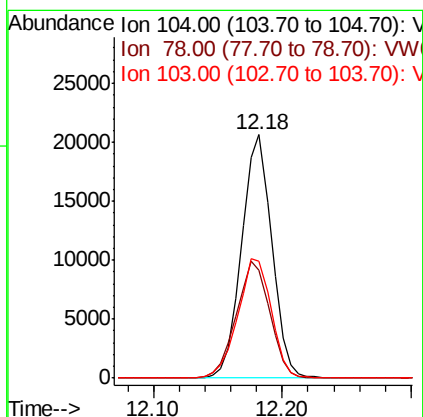
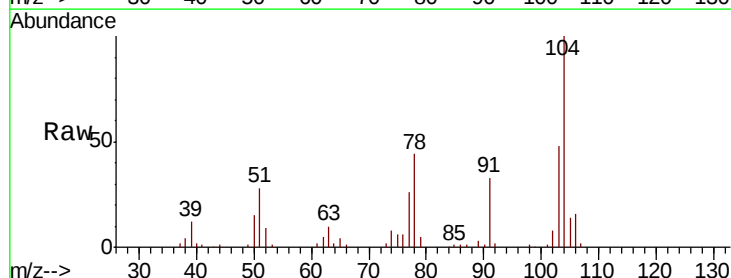
Instrument :
MSVOA_W
ClientSampled :

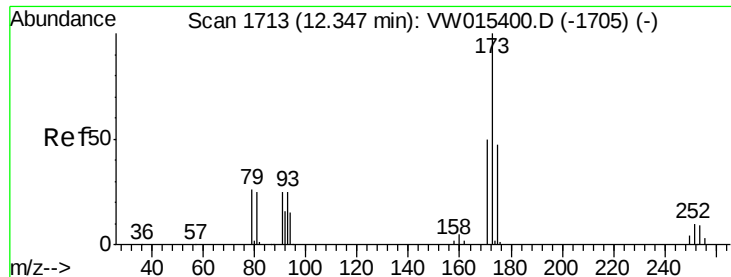
Tot Ion:106 Resp: 19759
Ion Ratio Lower Upper
106 100
91 221.3 109.0 327.0



#70
Styrene
Concen: 4.813 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion:104 Resp: 33467
Ion Ratio Lower Upper
104 100
78 53.3 41.8 62.8
103 54.6 43.6 65.4





#71

Bromoform

Concen: 4.714 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

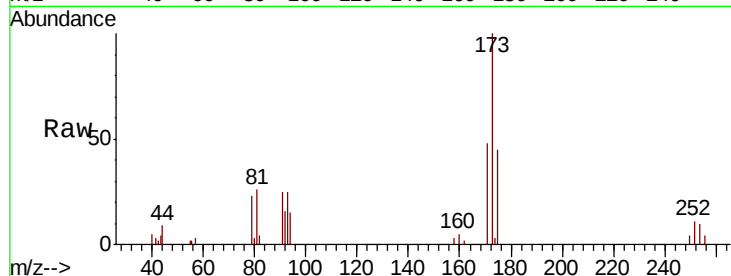
Tot Ion:173 Resp: 4921

Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.4

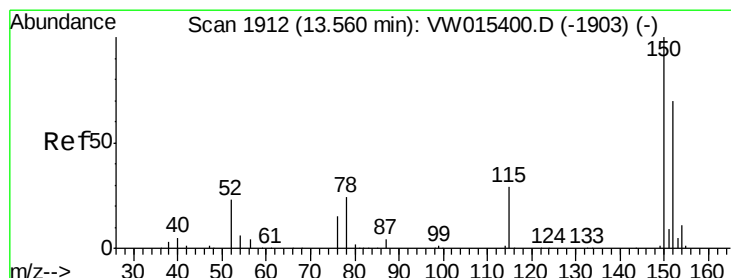
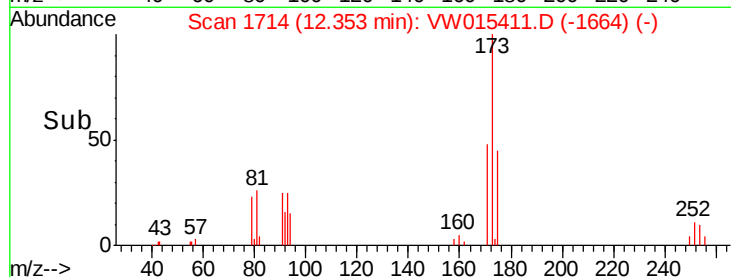
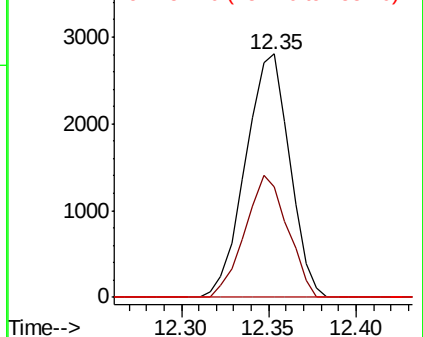
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

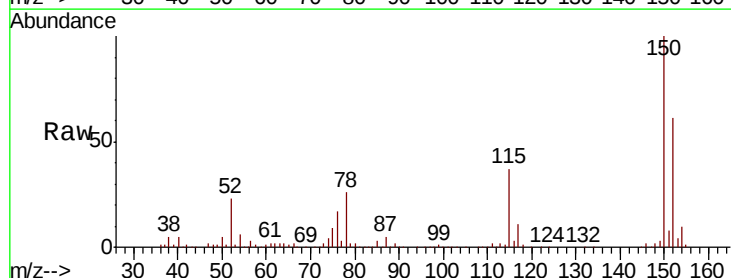
Tgt Ion:152 Resp: 147966

Ion Ratio Lower Upper

152 100

115 61.4 30.3 90.8

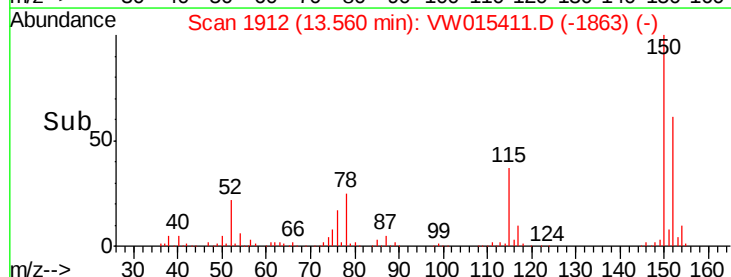
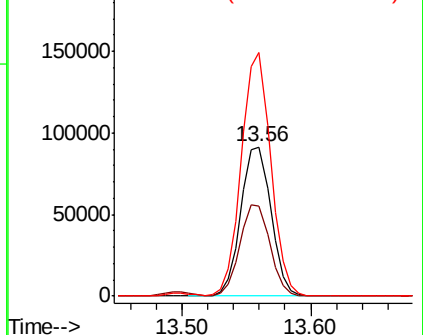
150 159.5 0.0 344.4

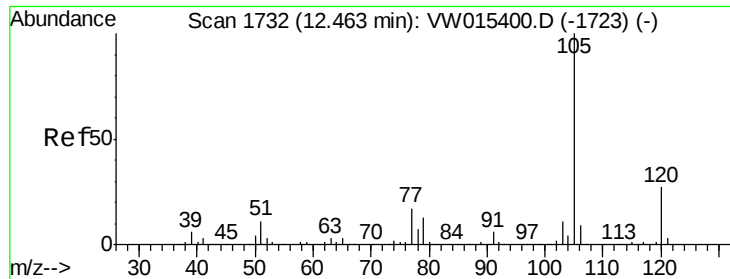


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.143 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

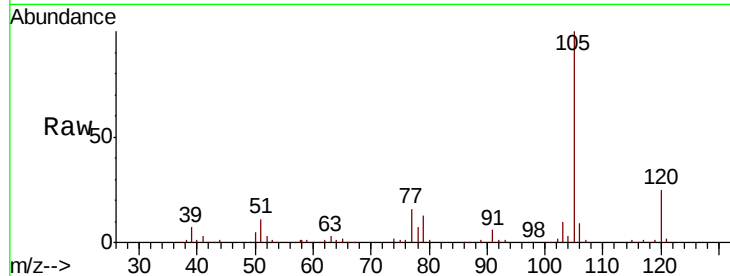
ClientSampleId :

Tot Ion:105 Resp: 56812

Ion Ratio Lower Upper

105 100

120 25.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

40000

30000

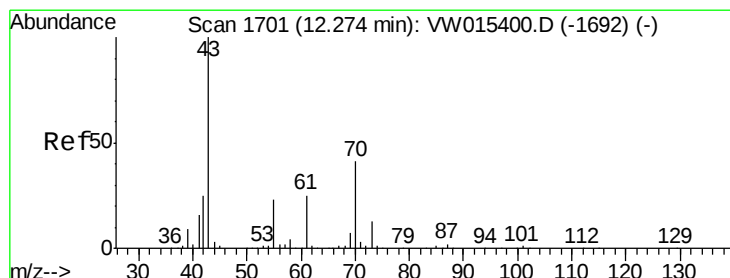
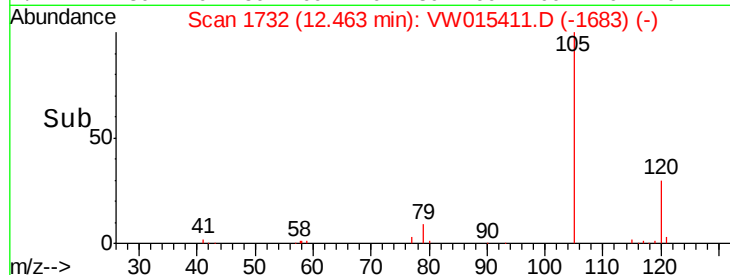
20000

10000

0

12.40 12.45 12.50

Time-->



#74

N-ethyl acetate

Concen: 5.026 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Tgt Ion: 43 Resp: 13125

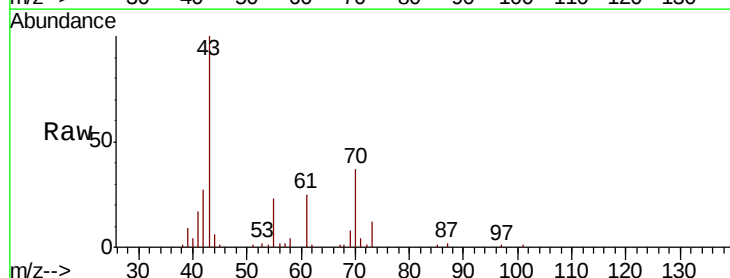
Ion Ratio Lower Upper

43 100

70 38.5 33.4 50.0

55 23.7 18.9 28.3

61 23.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12000

10000

8000

6000

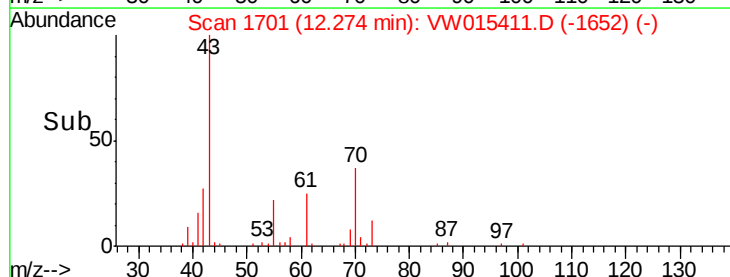
4000

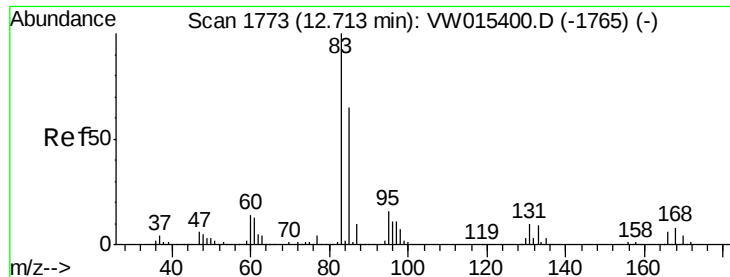
2000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.161 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

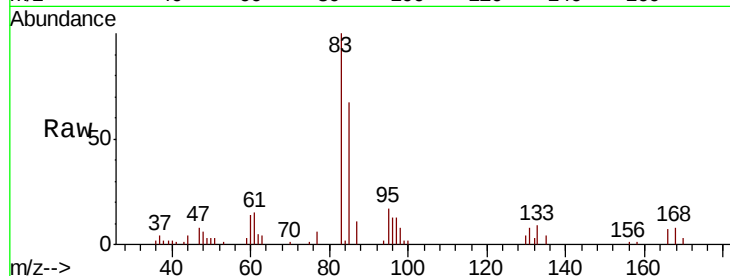
Tot Ion: 83 Resp: 8919

Ion Ratio Lower Upper

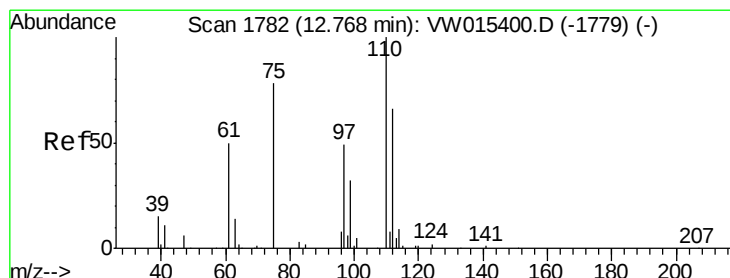
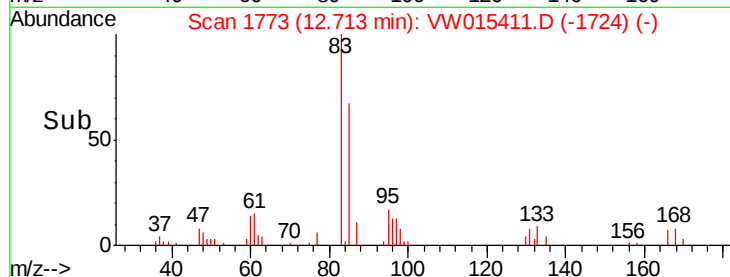
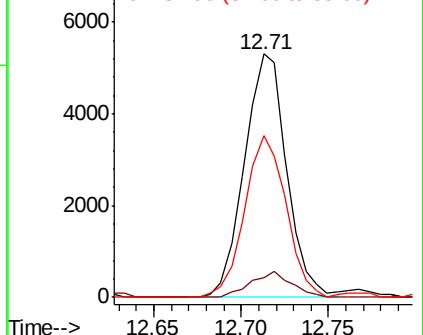
83 100

131 10.2 5.1 15.2

85 64.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 10.125 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015411.D

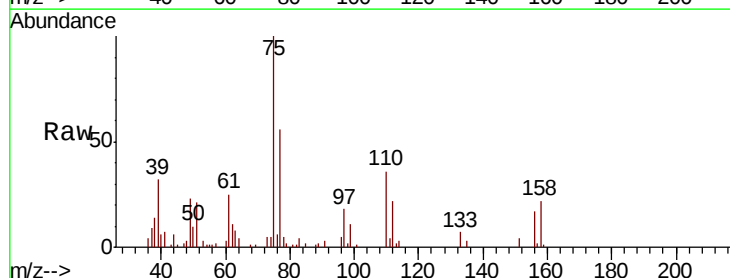
Acq: 06 May 2020 13:11

Tgt Ion: 75 Resp: 12324

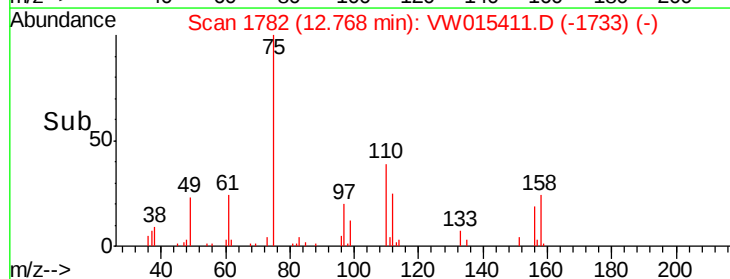
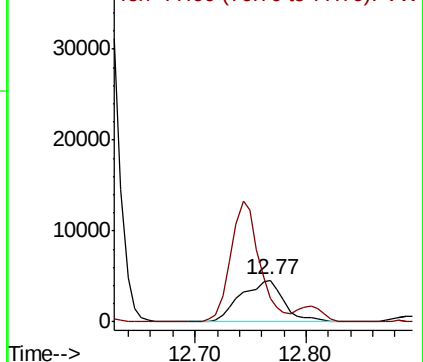
Ion Ratio Lower Upper

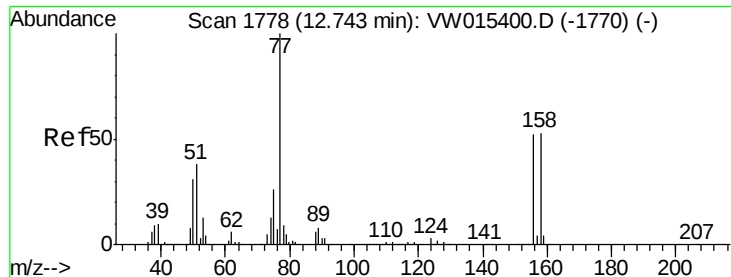
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.066 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampled :

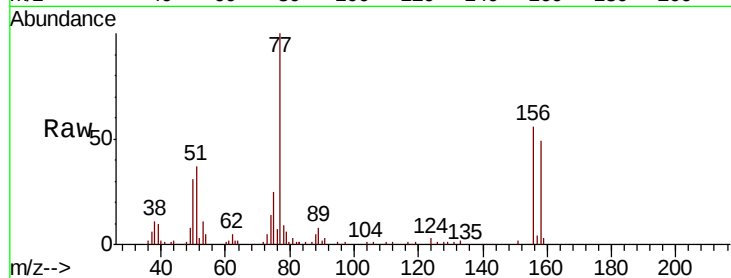
Tot Ion:156 Resp: 11859

Ion Ratio Lower Upper

156 100

77 203.6 101.8 305.6

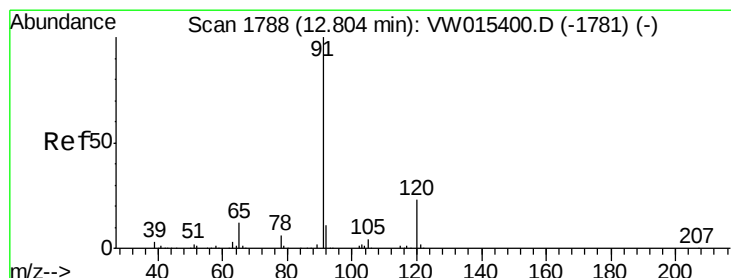
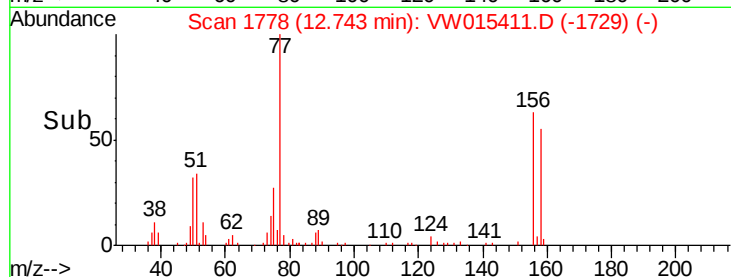
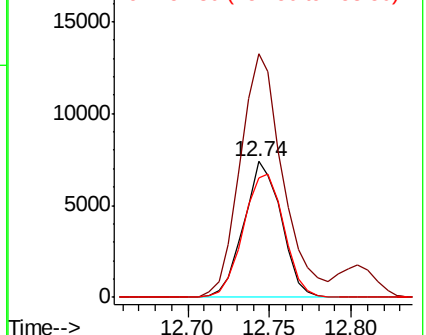
158 97.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.077 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015411.D

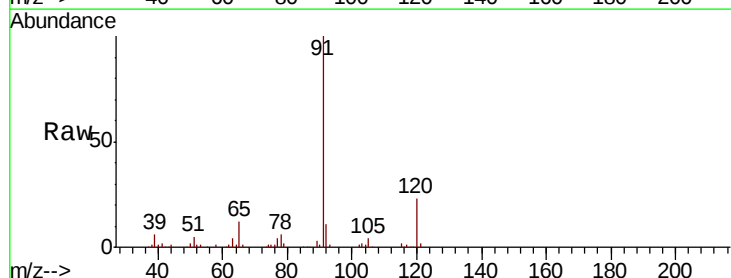
Acq: 06 May 2020 13:11

Tgt Ion: 91 Resp: 67282

Ion Ratio Lower Upper

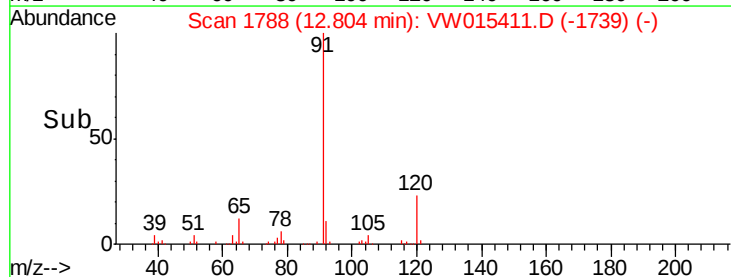
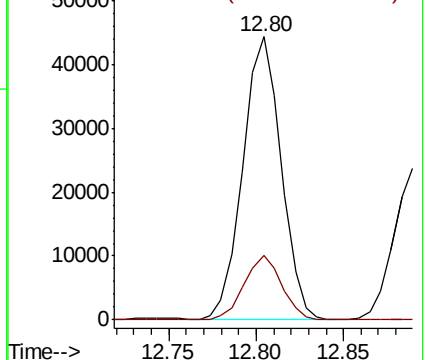
91 100

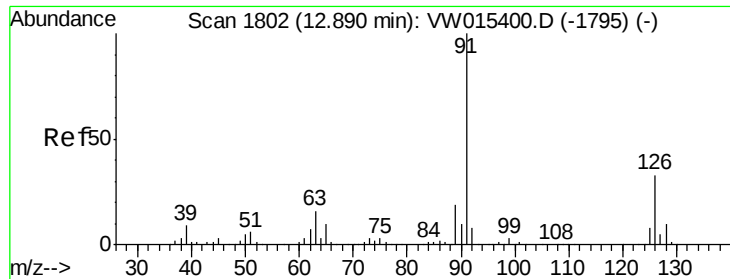
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.067 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

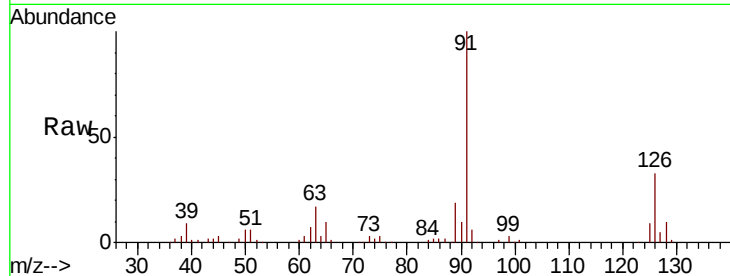
ClientSampled :

Tot Ion: 91 Resp: 37857

Ion Ratio Lower Upper

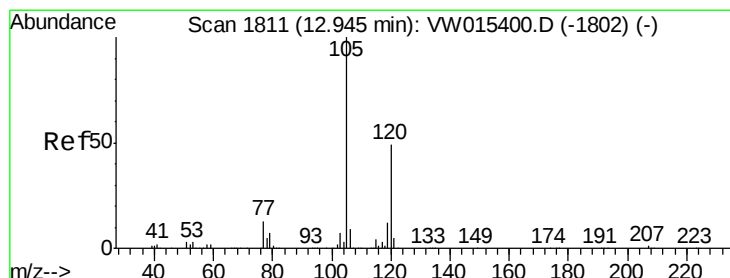
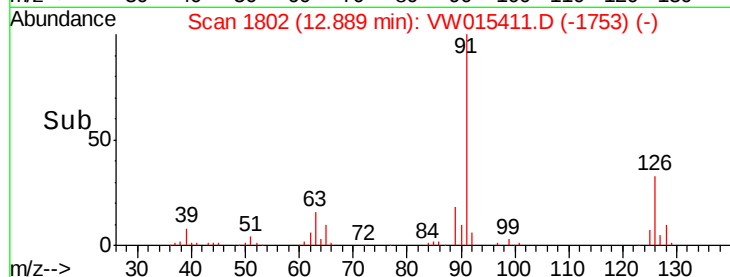
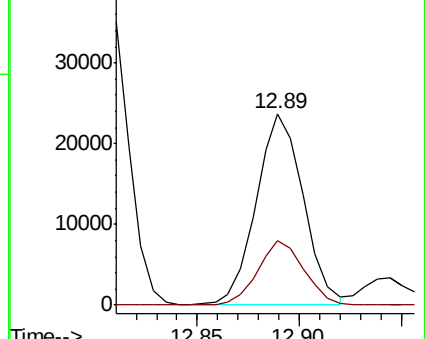
91 100

126 33.0 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.030 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015411.D

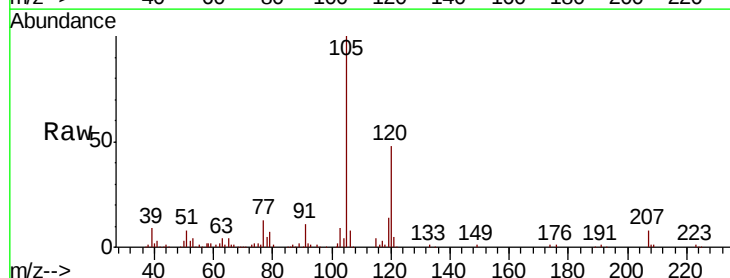
Acq: 06 May 2020 13:11

Tgt Ion:105 Resp: 46799

Ion Ratio Lower Upper

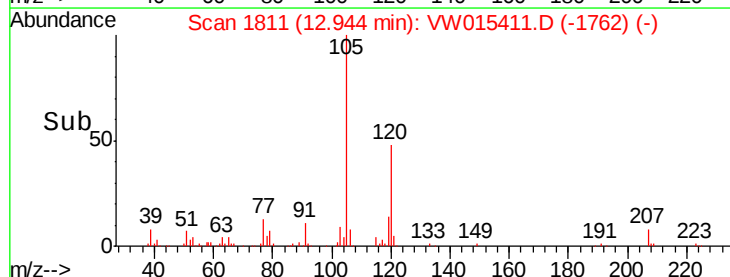
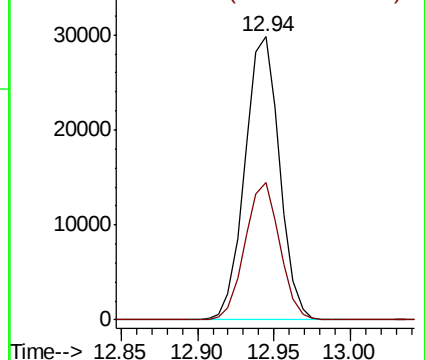
105 100

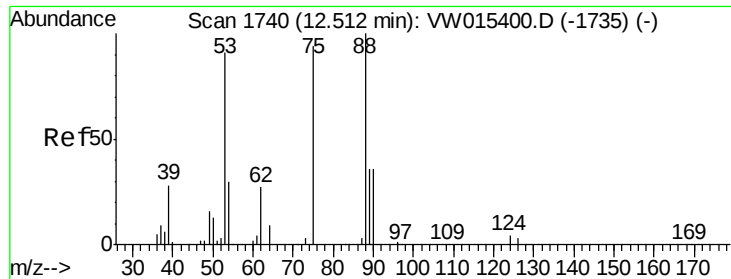
120 48.5 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.472 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

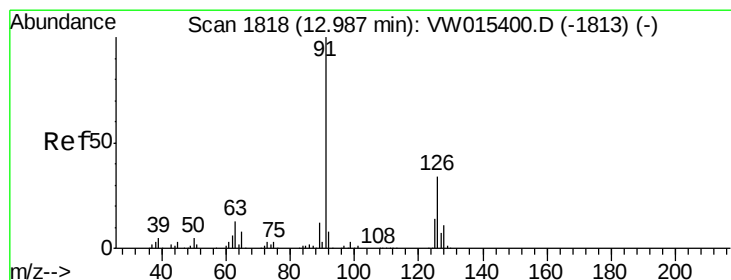
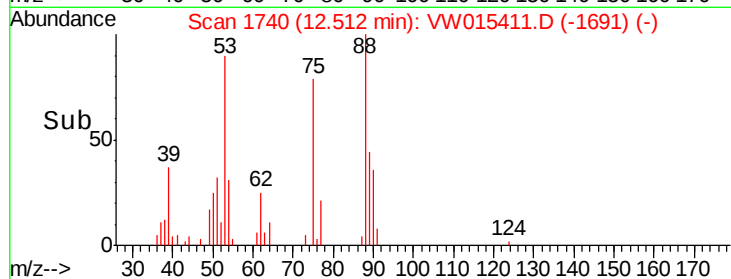
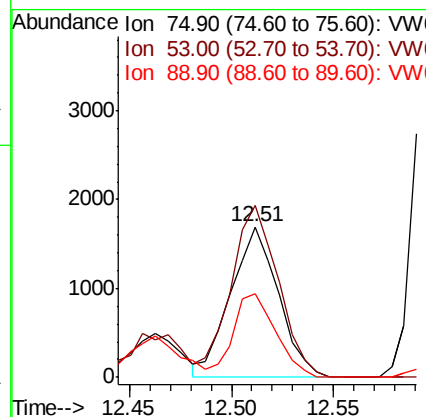
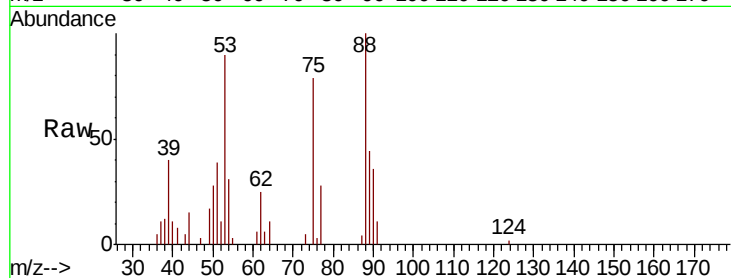
Tot Ion: 75 Resp: 2752

Ion Ratio Lower Upper

75 100

53 113.6 82.5 123.7

89 49.6 35.8 53.8



#82

4-Chlorotoluene

Concen: 5.097 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW015411.D

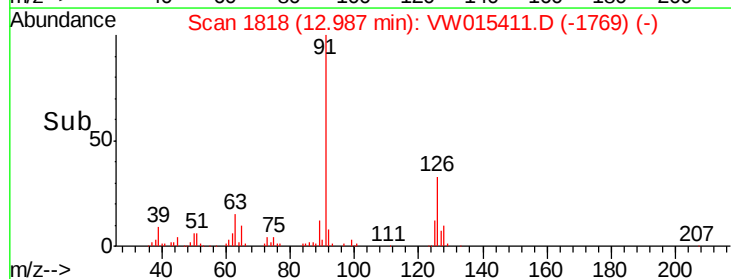
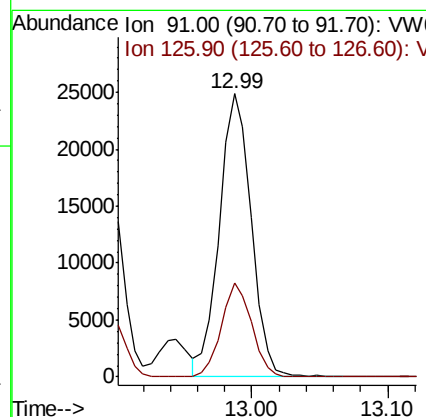
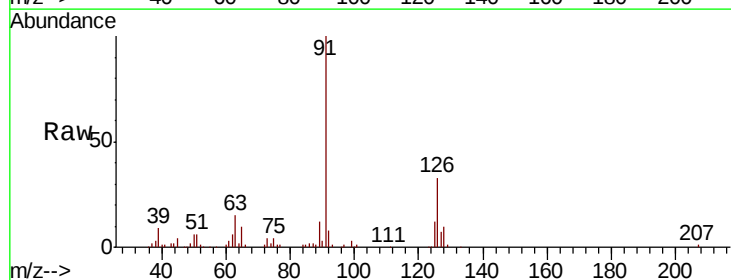
Acq: 06 May 2020 13:11

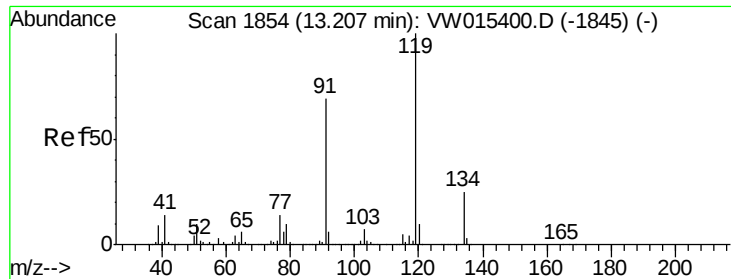
Tgt Ion: 91 Resp: 40359

Ion Ratio Lower Upper

91 100

126 31.6 16.0 47.9

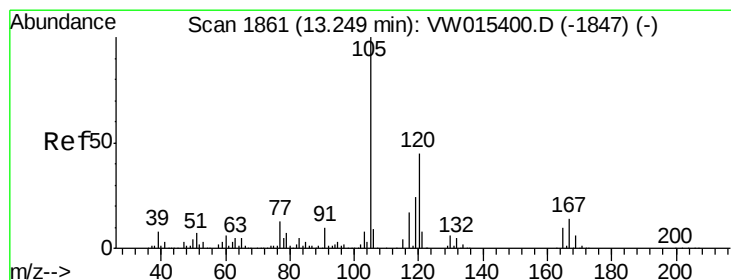
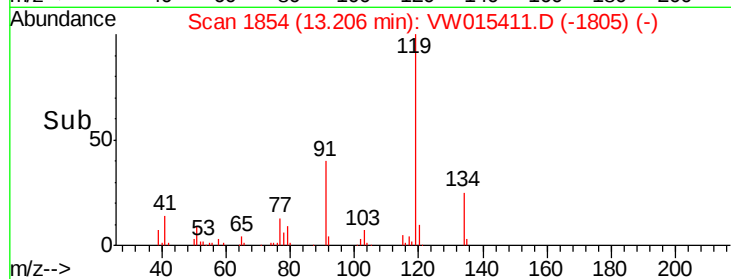
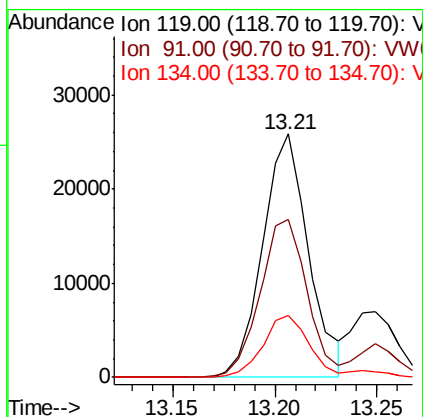
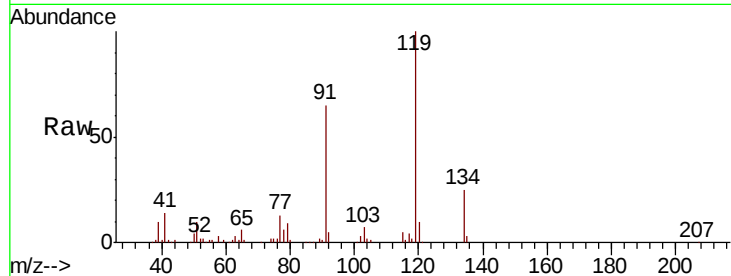




#83
tert-Butylbenzene
Concen: 5.112 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

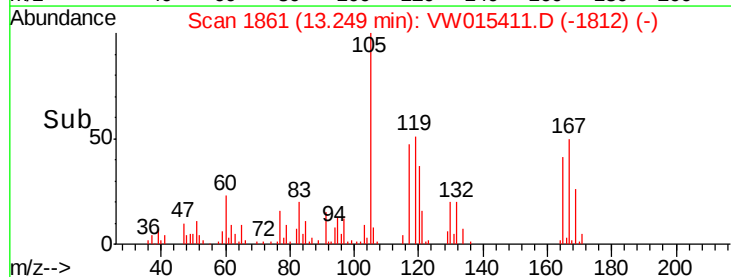
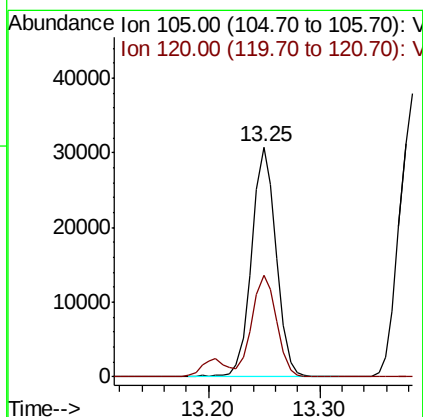
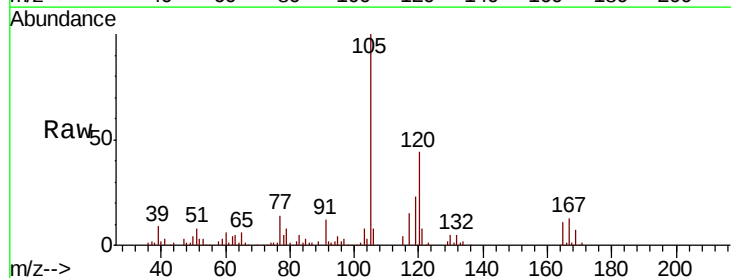
Instrument :
MSVOA_W
ClientSampleId :

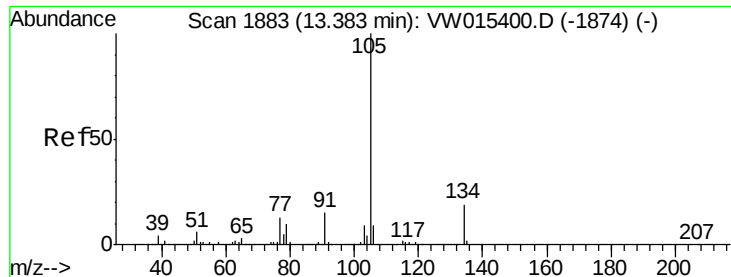
Tot Ion:119 Resp: 40590
Ion Ratio Lower Upper
119 100
91 66.6 33.8 101.4
134 25.7 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 5.078 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion:105 Resp: 47264
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 5.040 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

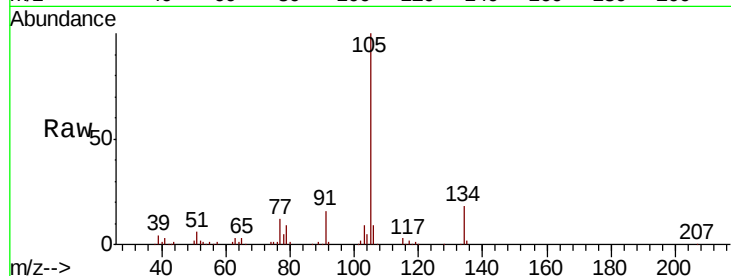
ClientSampled :

Tot Ion:105 Resp: 56383

Ion Ratio Lower Upper

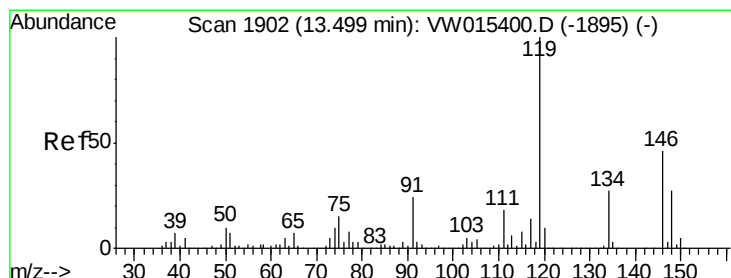
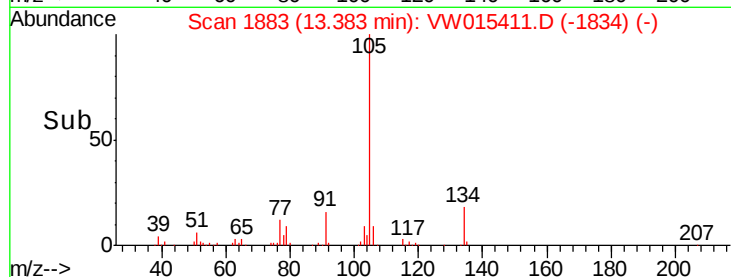
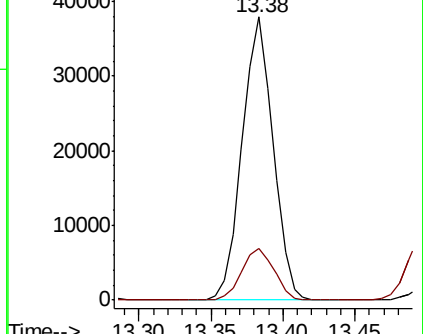
105 100

134 19.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.056 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

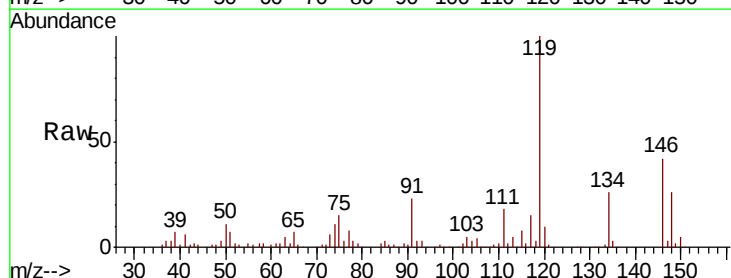
Tgt Ion:119 Resp: 51589

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

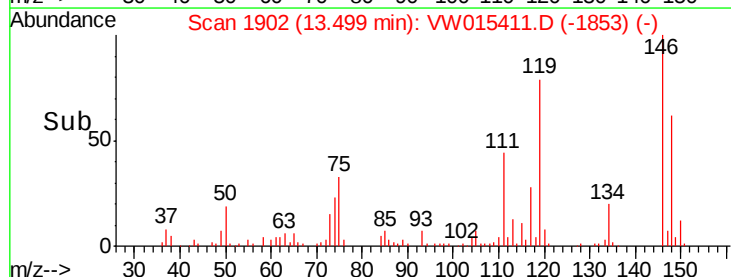
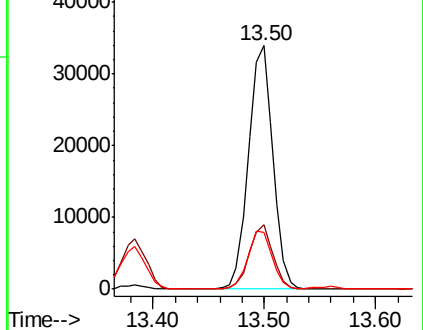
91 23.9 12.1 36.3

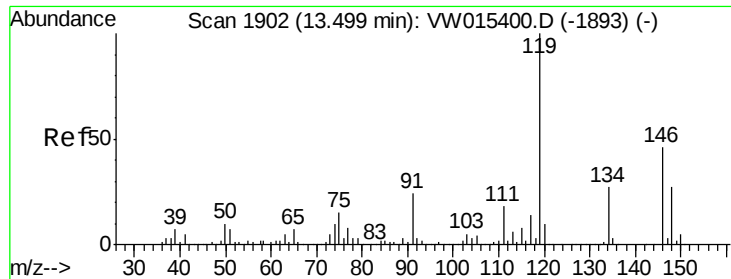


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

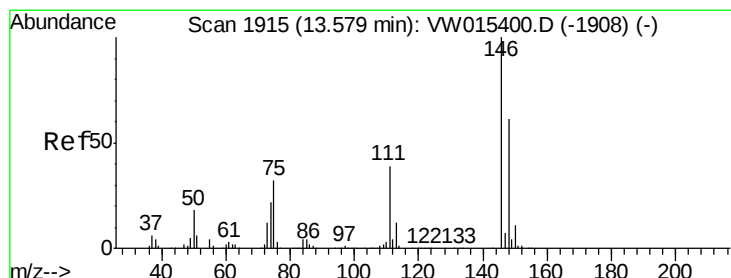
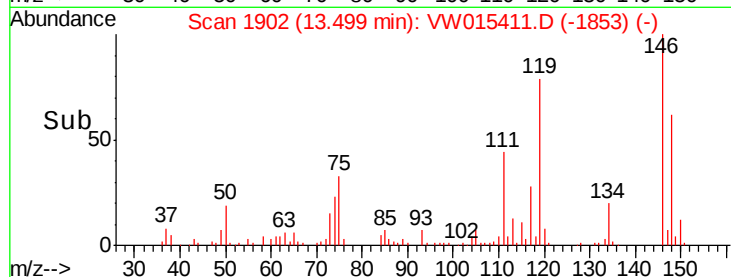
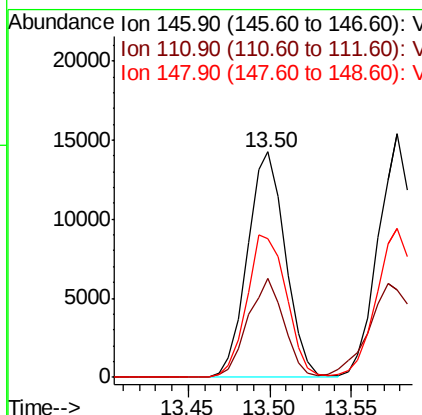
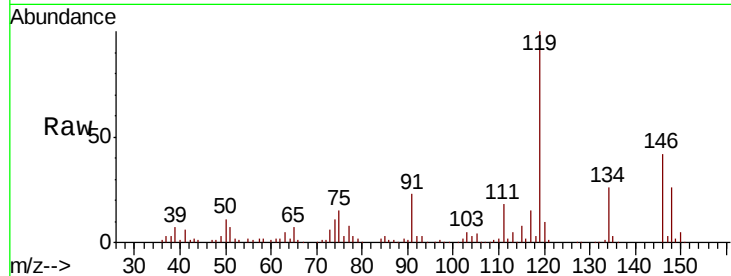




#87
 1,3-Dichlorobenzene
 Concen: 4.957 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

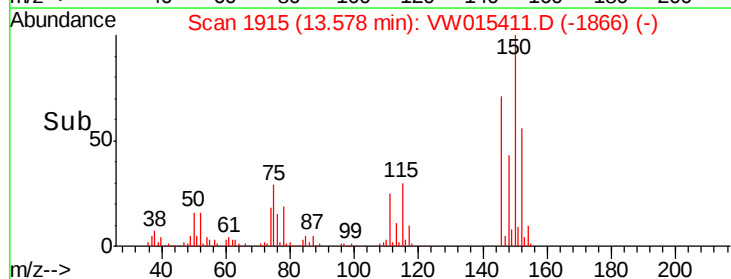
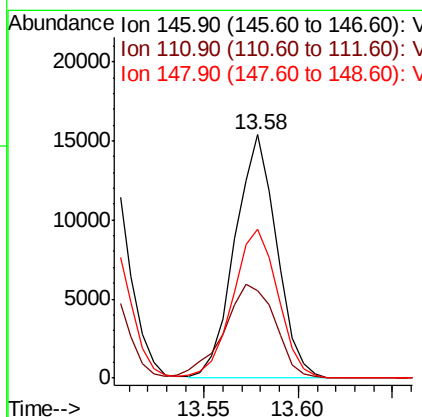
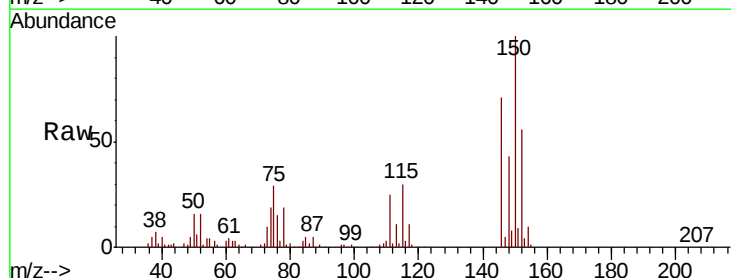
Instrument :
 MSVOA_W
 ClientSampleId :

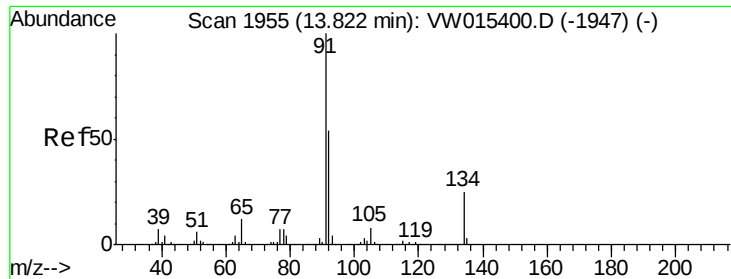
Tot Ion:146 Resp: 23117
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.5 61.5
 148 65.9 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 5.109 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Tgt Ion:146 Resp: 23593
 Ion Ratio Lower Upper
 146 100
 111 47.7 20.0 60.0
 148 66.1 31.4 94.3





#89

n-Butylbenzene

Concen: 5.003 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

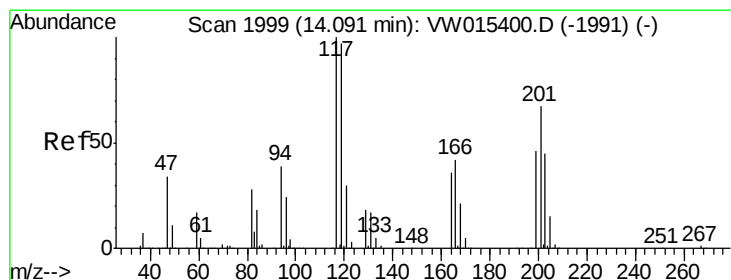
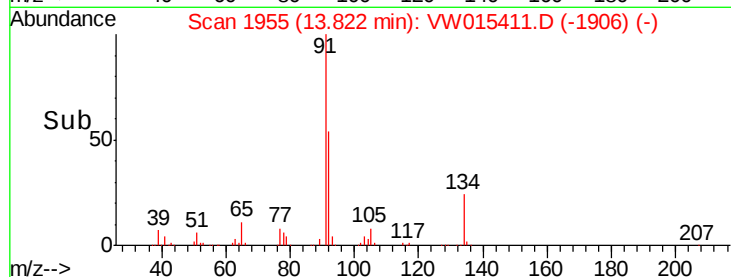
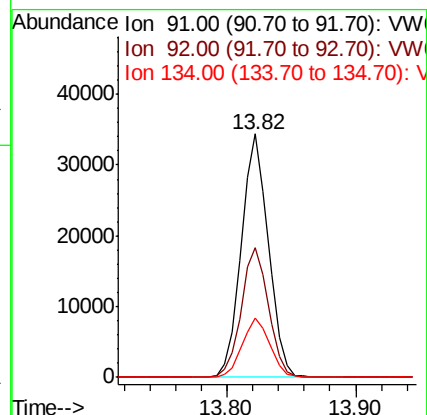
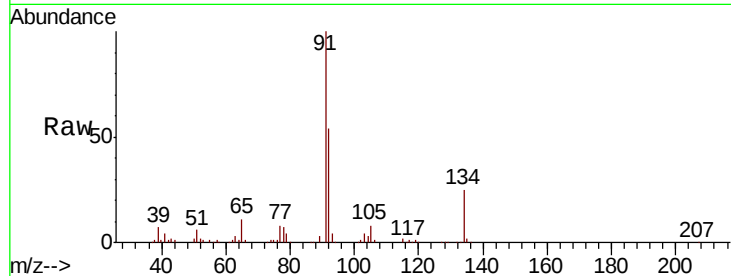
Tot Ion: 91 Resp: 49968

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.6

134 24.7 12.6 37.6



#90

Hexachloroethane

Concen: 4.896 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW015411.D

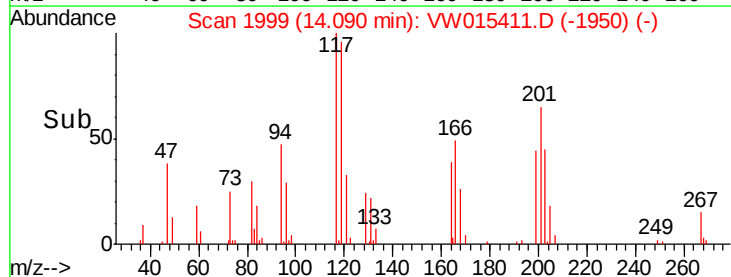
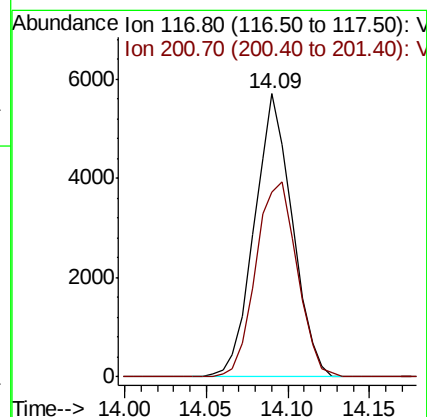
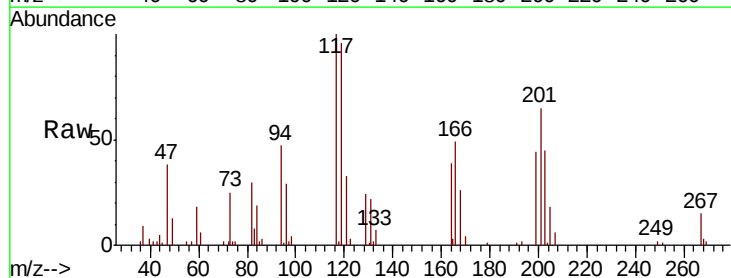
Acq: 06 May 2020 13:11

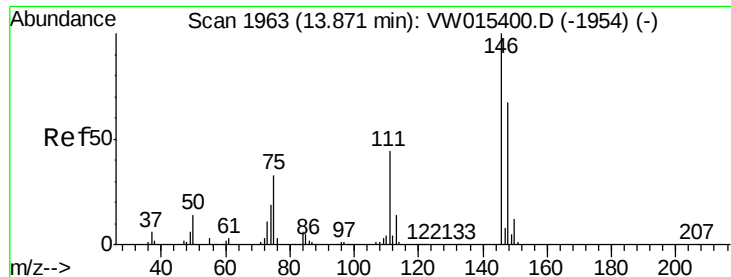
Tgt Ion: 117 Resp: 9206

Ion Ratio Lower Upper

117 100

201 74.8 35.9 107.8





#91

1,2-Dichlorobenzene

Concen: 5.126 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

Instrument :

MSVOA_W

ClientSampleId :

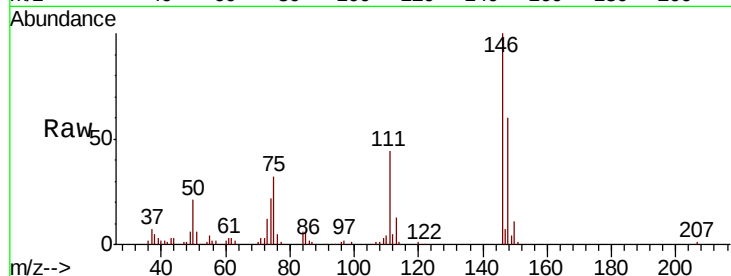
Tot Ion:146 Resp: 20697

Ion Ratio Lower Upper

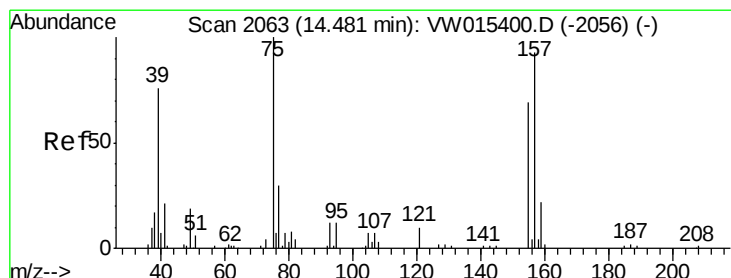
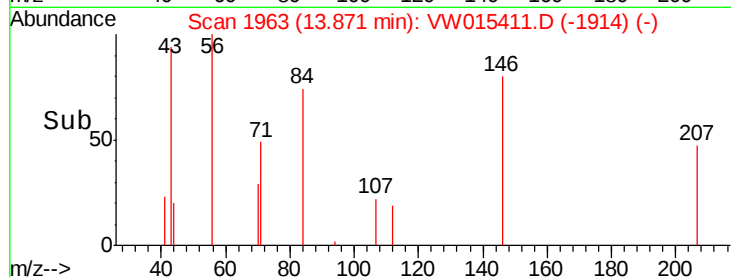
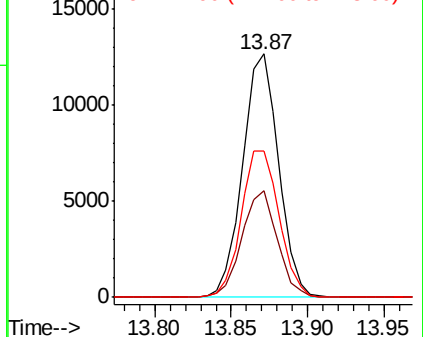
146 100

111 43.2 22.1 66.3

148 63.5 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.370 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW015411.D

Acq: 06 May 2020 13:11

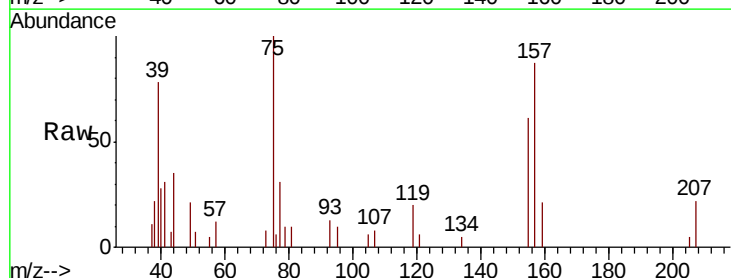
Tgt Ion: 75 Resp: 1620

Ion Ratio Lower Upper

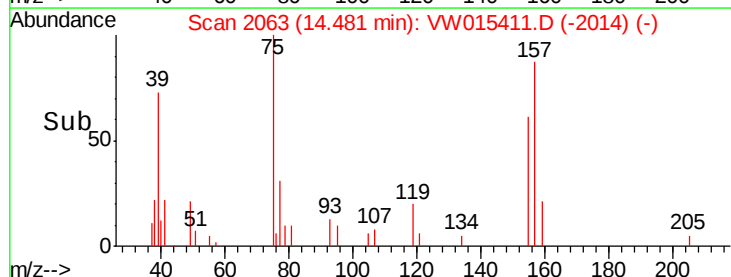
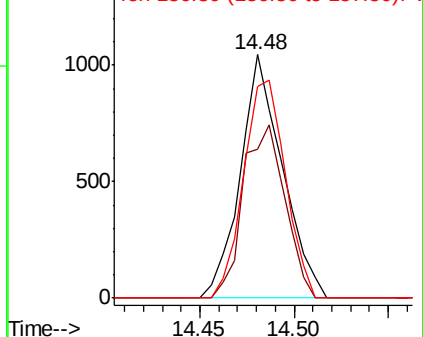
75 100

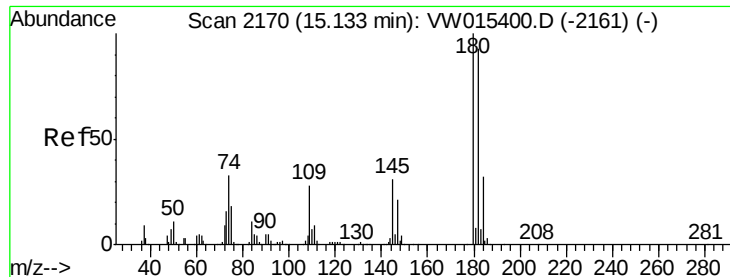
155 70.6 38.7 116.1

157 88.9 48.1 144.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

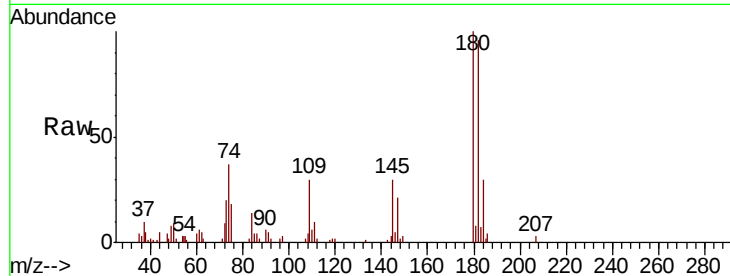




#93
 1,2,4-Trichlorobenzene
 Concen: 4.834 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.2	141.6
145	31.5	15.6	46.8

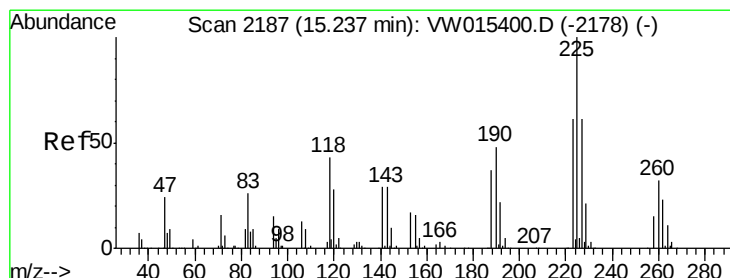
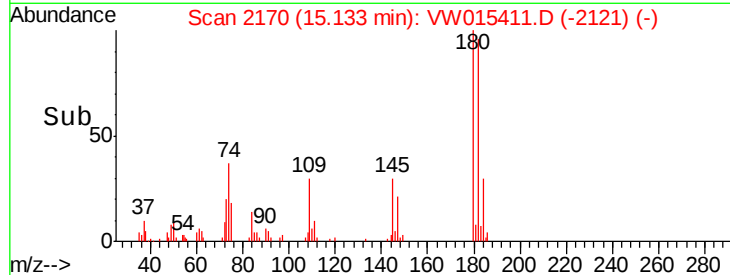
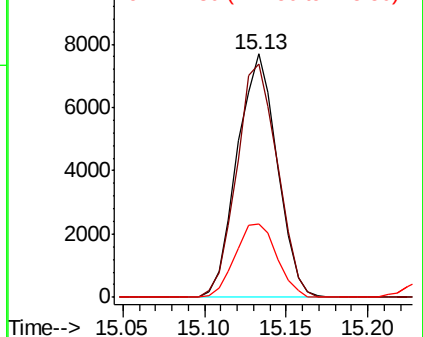


Abundance

Ion 179.80 (179.50 to 180.50): V

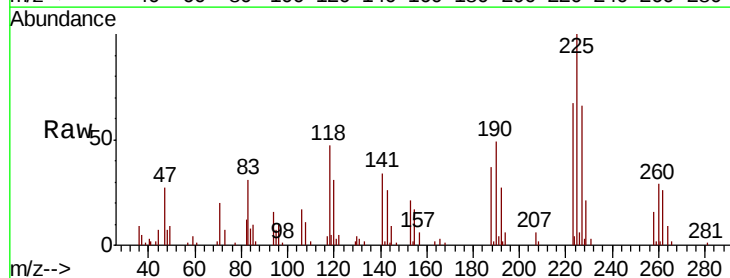
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 5.074 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015411.D
 Acq: 06 May 2020 13:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	30.7	92.1
227	68.1	32.0	96.0

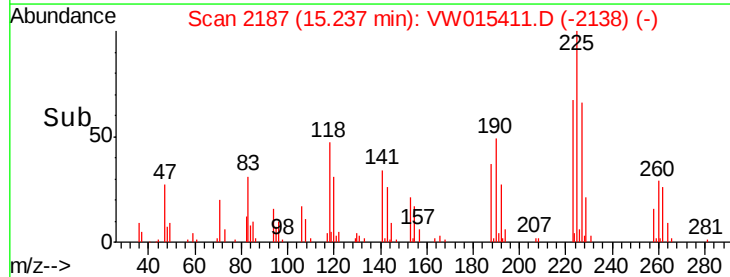
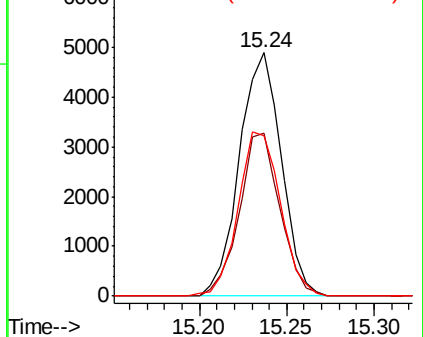


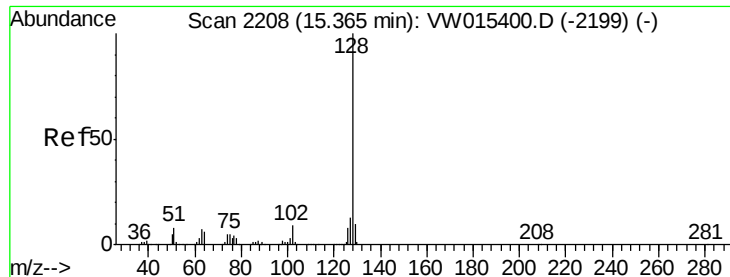
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

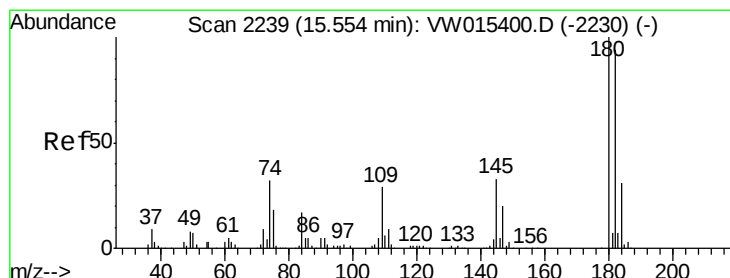
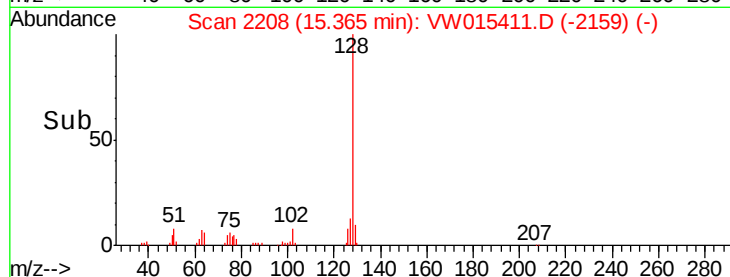
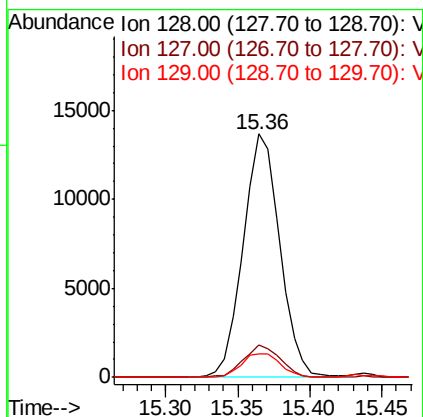
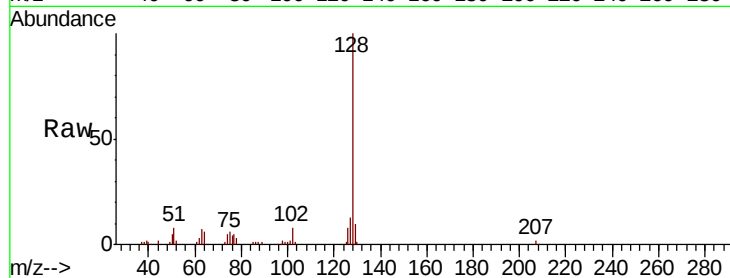




#95
Naphthalene
Concen: 4.955 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 24086
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 5.076 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW015411.D
Acq: 06 May 2020 13:11

Tgt Ion:180 Resp: 11836
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.8
145 31.9 16.3 48.8

