

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013195.D
 Acq On : 20 Sep 2019 21:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 21 04:54:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	354270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	522300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	455735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	144060	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	7.88	113	140498	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	10.32	98	585171	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.62	95	201771	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	95366	46.667	ug/l	95
3) Chloromethane	2.21	50	119032	45.312	ug/l	97
4) Vinyl Chloride	2.36	62	158305	46.744	ug/l	99
5) Bromomethane	2.77	94	100072	46.628	ug/l	91
6) Chloroethane	2.91	64	93166	46.670	ug/l	96
7) Trichlorofluoromethane	3.25	101	89234	45.695	ug/l	97
8) Diethyl Ether	3.68	74	82755	49.613	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	149958	47.166	ug/l	99
10) Methyl Iodide	4.27	142	237673	48.217	ug/l	99
11) Tert butyl alcohol	5.18	59	53609	257.883	ug/l	100
12) 1,1-Dichloroethene	4.04	96	156157	47.431	ug/l	98
13) Acrolein	3.89	56	41880	251.619	ug/l	97
14) Allyl chloride	4.66	41	253072	48.299	ug/l	99
15) Acrylonitrile	5.36	53	183741	255.212	ug/l	99
16) Acetone	4.12	43	150774	231.236	ug/l	97
17) Carbon Disulfide	4.38	76	455840	47.903	ug/l	100
18) Methyl Acetate	4.67	43	90496	49.374	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	257383	51.009	ug/l	99
20) Methylene Chloride	4.92	84	167468	50.234	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	175787	49.401	ug/l	97
22) Diisopropyl ether	6.31	45	501047	50.287	ug/l	99
23) Vinyl Acetate	6.25	43	1515599	256.402	ug/l	99
24) 1,1-Dichloroethane	6.21	63	299451	49.806	ug/l	99
25) 2-Butanone	7.17	43	236032	241.142	ug/l	98
26) 2,2-Dichloropropane	7.16	77	170069	47.081	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	189734	50.525	ug/l	98
28) Bromochloromethane	7.51	49	123435	53.492	ug/l #	99
29) Tetrahydrofuran	7.53	42	154024	256.590	ug/l	99
30) Chloroform	7.67	83	288803	49.063	ug/l	98
31) Cyclohexane	7.95	56	288101	45.969	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	230728	48.396	ug/l	100
36) 1,1-Dichloropropene	8.08	75	239031	47.250	ug/l	99
37) Ethyl Acetate	7.25	43	105765	49.193	ug/l	99
38) Carbon Tetrachloride	8.07	117	216612	47.765	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013195.D
 Acq On : 20 Sep 2019 21:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 21 04:54:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	306194	47.098	ug/l	99
40) Benzene	8.32	78	688077	48.763	ug/l	99
41) Methacrylonitrile	7.48	41	64875	50.557	ug/l	98
42) 1,2-Dichloroethane	8.40	62	187038	49.309	ug/l	99
43) Isopropyl Acetate	8.42	43	204645	49.663	ug/l	98
44) Trichloroethene	9.09	130	186620	47.138	ug/l	98
45) 1,2-Dichloropropane	9.37	63	169081	49.080	ug/l	99
46) Dibromomethane	9.46	93	83267	49.785	ug/l	99
47) Bromodichloromethane	9.64	83	207732	48.811	ug/l	96
48) Methyl methacrylate	9.43	41	98461	50.815	ug/l	98
49) 1,4-Dioxane	9.46	88	22553	898.315	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	519062	251.265	ug/l	99
52) Toluene	10.38	92	444389	49.140	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	219077	50.104	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	264291	49.713	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	122200	48.882	ug/l	97
56) Ethyl methacrylate	10.65	69	170291	52.050	ug/l	99
57) 1,3-Dichloropropane	10.93	76	216734	49.682	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	383966	253.507	ug/l	99
59) 2-Hexanone	10.97	43	352808	248.236	ug/l	100
60) Dibromochloromethane	11.13	129	141780	49.947	ug/l	100
61) 1,2-Dibromoethane	11.23	107	117337	49.366	ug/l	100
64) Tetrachloroethene	10.86	164	170470	49.300	ug/l	98
65) Chlorobenzene	11.66	112	460953	48.436	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	160185	49.270	ug/l	99
67) Ethyl Benzene	11.73	91	845063	49.009	ug/l	99
68) m/p-Xylenes	11.84	106	642084	97.719	ug/l	99
69) o-Xylene	12.16	106	297901	48.765	ug/l	99
70) Styrene	12.18	104	523448	49.910	ug/l	100
71) Bromoform	12.35	173	85518	49.789	ug/l #	100
73) Isopropylbenzene	12.46	105	826284	48.234	ug/l	99
74) N-amyl acetate	12.27	43	186676	49.108	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	138191	48.235	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	179444	87.620	ug/l #	100
77) Bromobenzene	12.74	156	196122	48.312	ug/l	98
78) n-propylbenzene	12.80	91	967069	48.228	ug/l	100
79) 2-Chlorotoluene	12.89	91	544245	48.447	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	696825	48.390	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44787	49.072	ug/l	98
82) 4-Chlorotoluene	12.99	91	569876	48.105	ug/l	100
83) tert-Butylbenzene	13.21	119	610721	48.320	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	697916	48.705	ug/l	98
85) sec-Butylbenzene	13.38	105	839646	48.185	ug/l	100
86) p-Isopropyltoluene	13.49	119	783549	48.480	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	375201	48.024	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	376053	49.078	ug/l	100
89) n-Butylbenzene	13.82	91	715584	48.489	ug/l	100
90) Hexachloroethane	14.09	117	132471	48.790	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	334887	49.546	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22206	50.674	ug/l	99

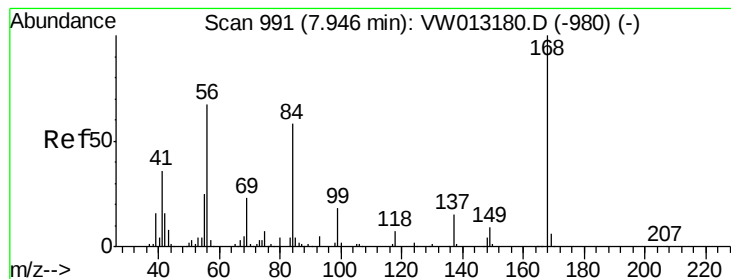
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013195.D
Acq On : 20 Sep 2019 21:00
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 21 04:54:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	240053	49.563	ug/l	99
94) Hexachlorobutadiene	15.24	225	154658	46.674	ug/l	98
95) Naphthalene	15.36	128	418780	52.867	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	208529	49.827	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

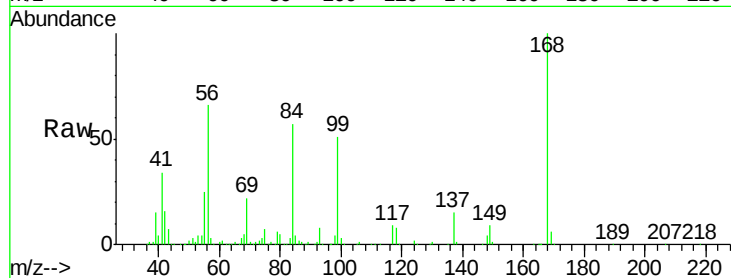
ClientSampled :

Tot Ion:168 Resp: 354270

Ion Ratio Lower Upper

168 100

99 51.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

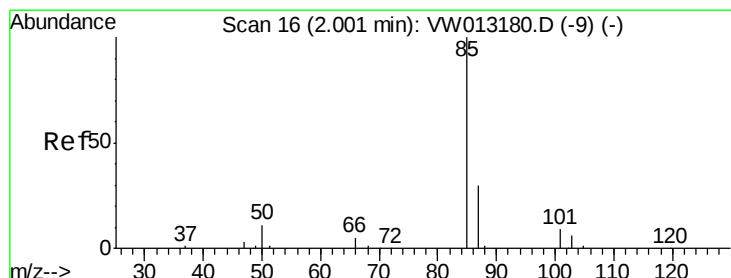
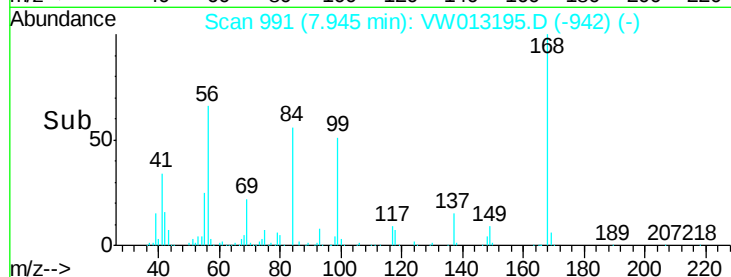
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.667 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW013195.D

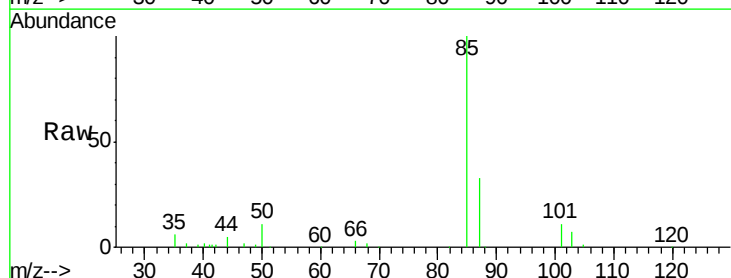
Acq: 20 Sep 2019 21:00

Tgt Ion: 85 Resp: 95366

Ion Ratio Lower Upper

85 100

87 33.1 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

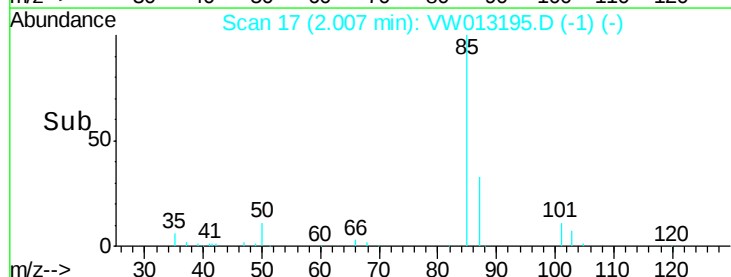
20000

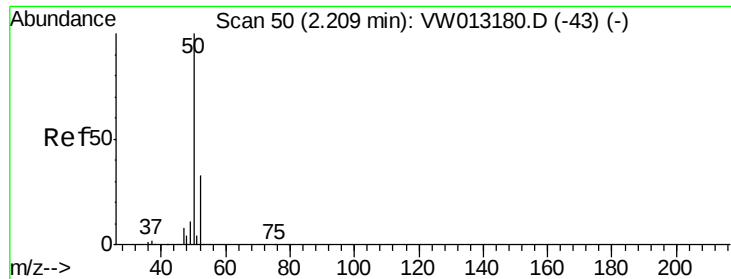
10000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 45.312 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

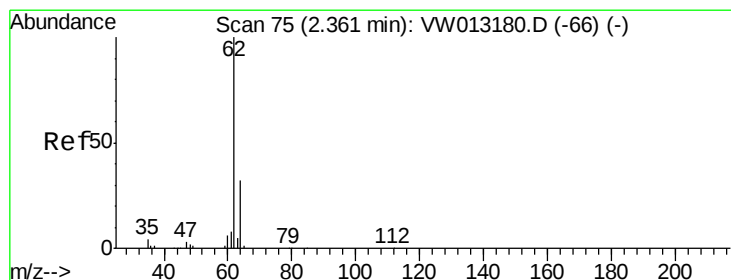
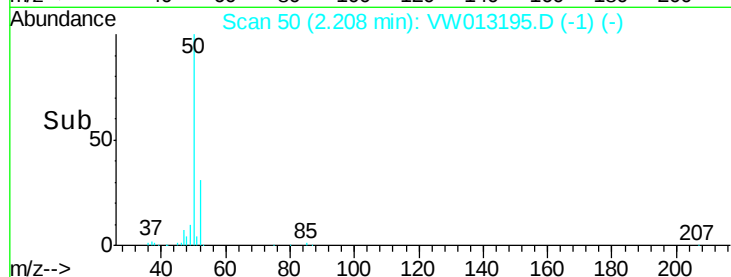
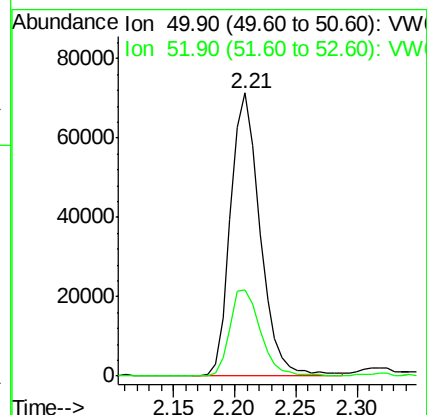
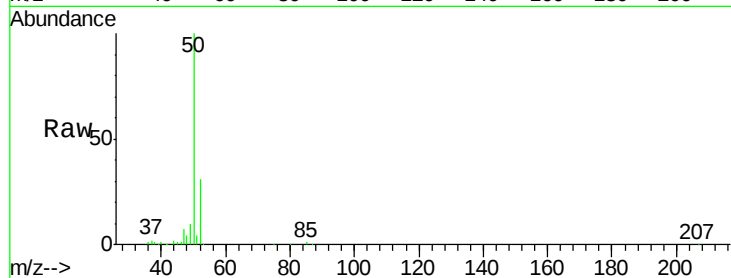
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 119032

Ion Ratio Lower Upper

50 100

52 30.7 26.1 39.1



#4

Vinyl Chloride

Concen: 46.744 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW013195.D

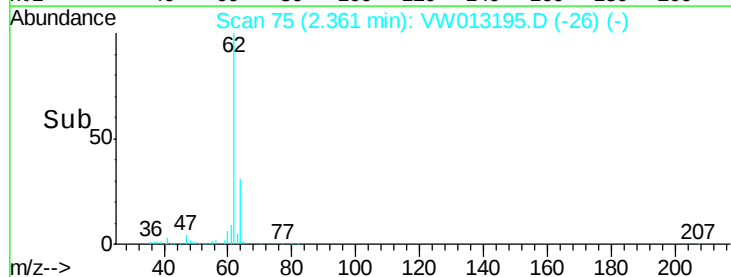
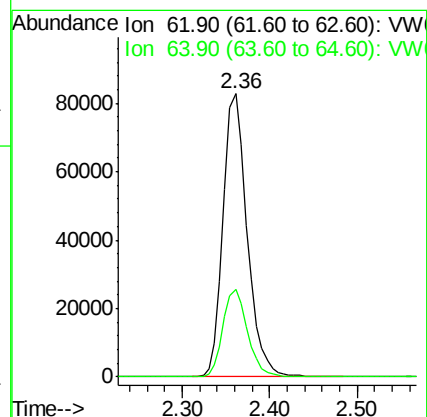
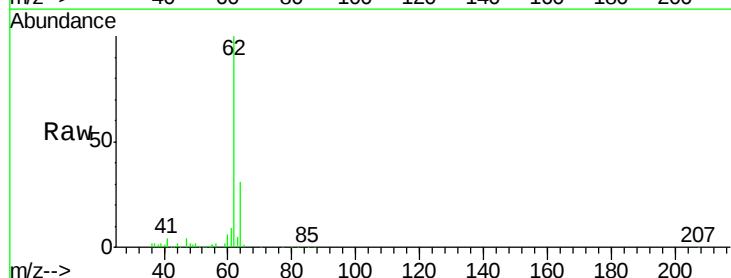
Acq: 20 Sep 2019 21:00

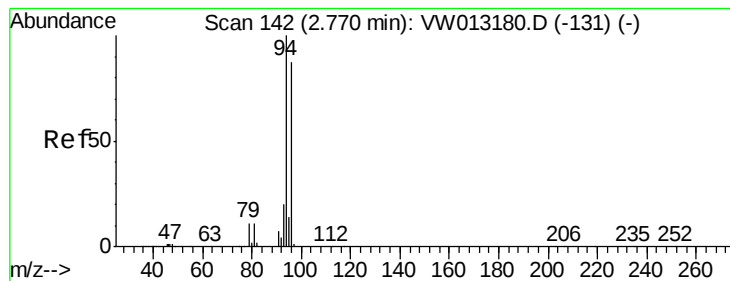
Tgt Ion: 62 Resp: 158305

Ion Ratio Lower Upper

62 100

64 30.9 25.3 37.9





#5

Bromomethane

Concen: 46.628 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

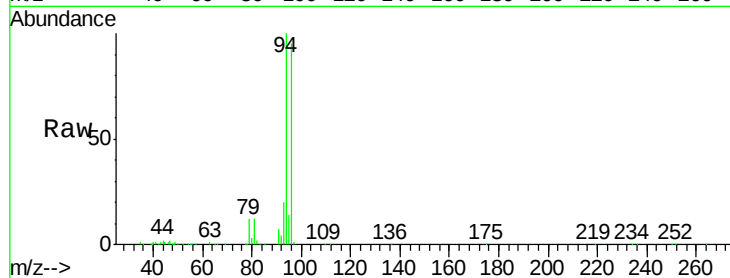
ClientSampleId :

Tot Ion: 94 Resp: 100072

Ion Ratio Lower Upper

94 100

96 95.5 69.7 104.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

50000

40000

30000

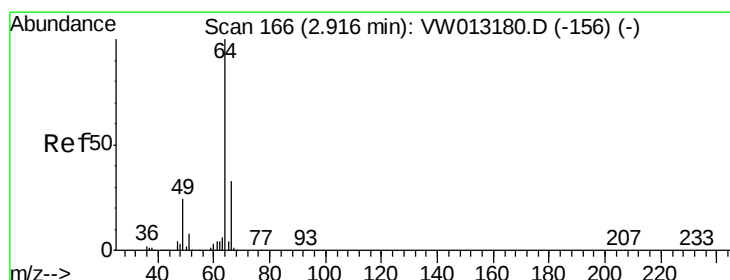
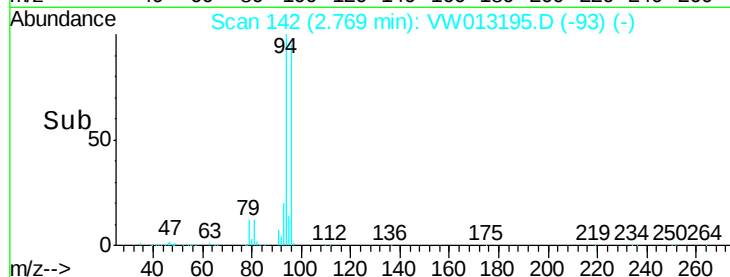
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 46.670 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013195.D

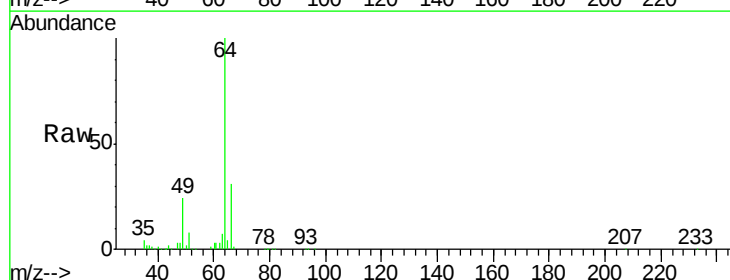
Acq: 20 Sep 2019 21:00

Tgt Ion: 64 Resp: 93166

Ion Ratio Lower Upper

64 100

66 31.0 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

40000

30000

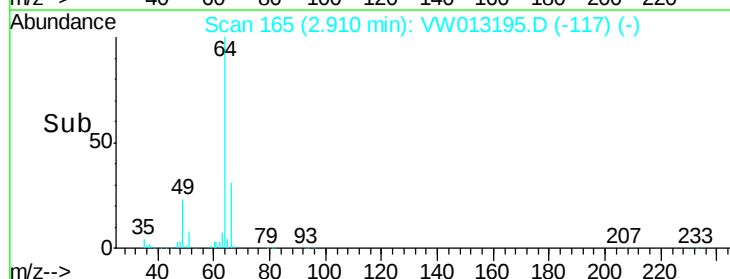
20000

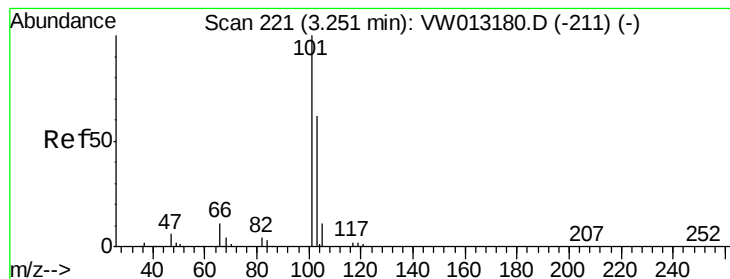
10000

0

Time-->

2.80 2.90 3.00



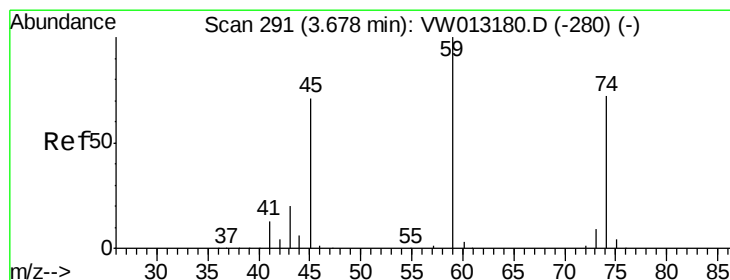
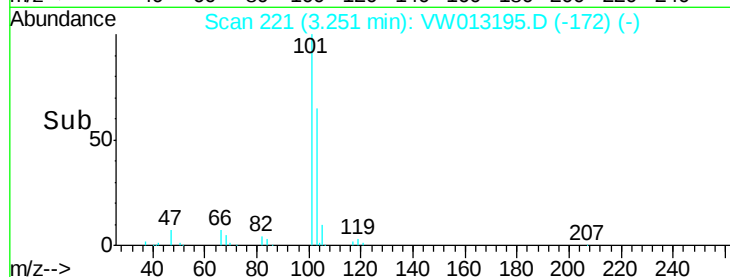
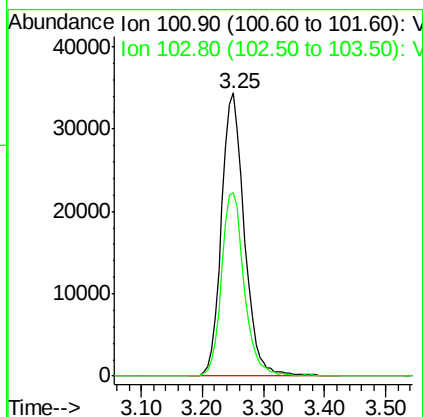
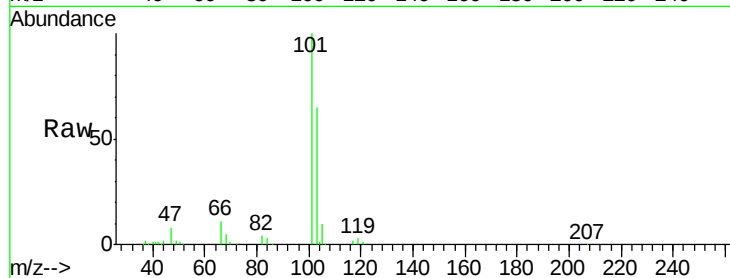


#7

Trichlorofluoromethane
Concen: 45.695 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Instrument :
MSVOA_W
ClientSampleId :

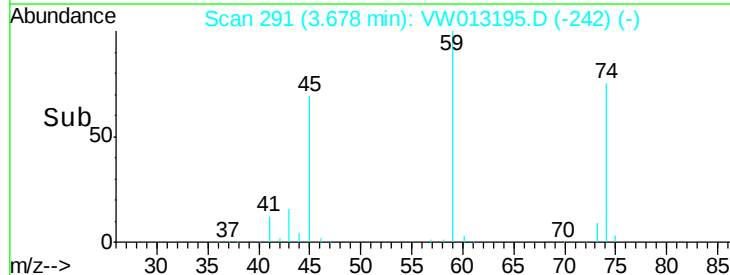
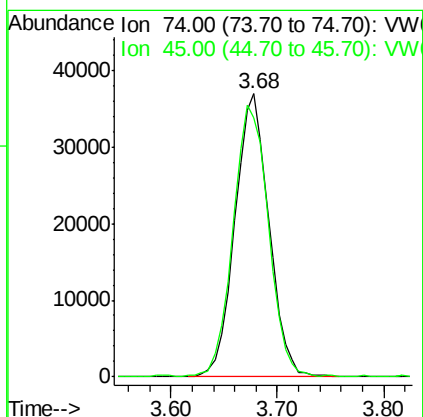
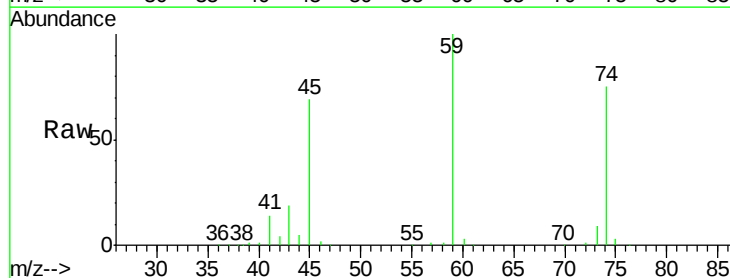
Tot Ion:101 Resp: 89234
Ion Ratio Lower Upper
101 100
103 64.7 49.7 74.5

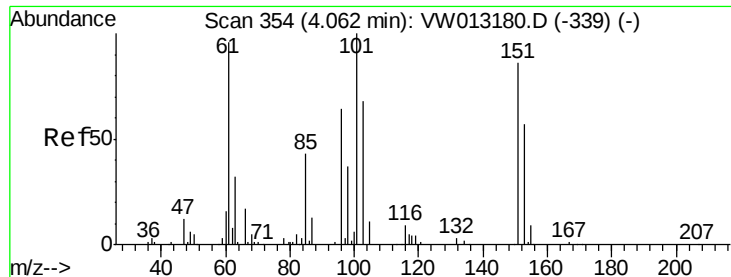


#8

Diethyl Ether
Concen: 49.613 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion: 74 Resp: 82755
Ion Ratio Lower Upper
74 100
45 99.3 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.166 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampled :

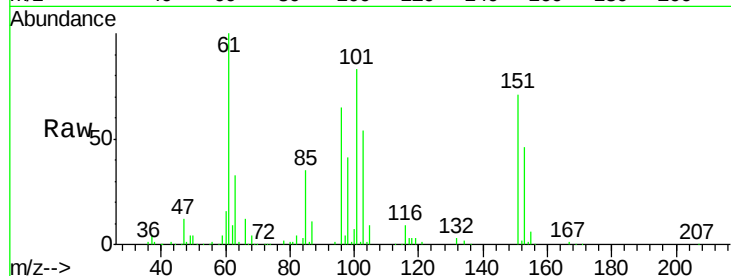
Tot Ion:101 Resp: 149958

Ion Ratio Lower Upper

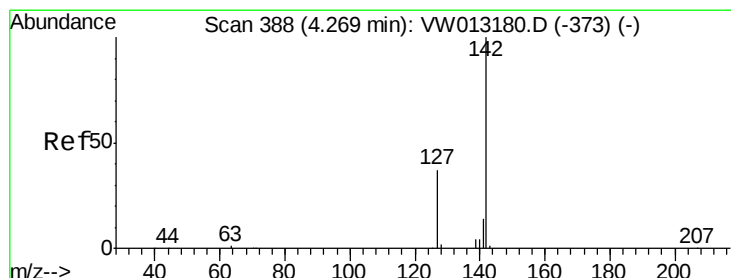
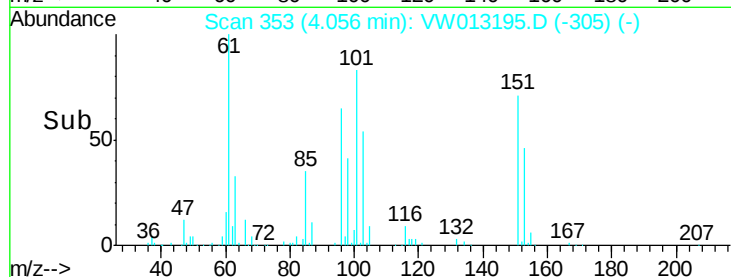
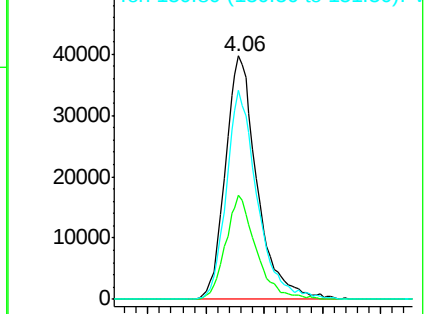
101 100

85 41.2 33.4 50.0

151 83.9 66.9 100.3



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: 48.217 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

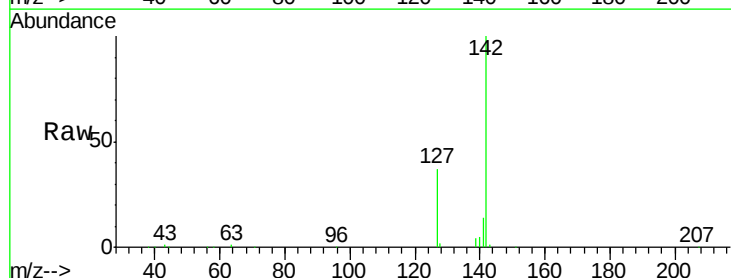
Tgt Ion:142 Resp: 237673

Ion Ratio Lower Upper

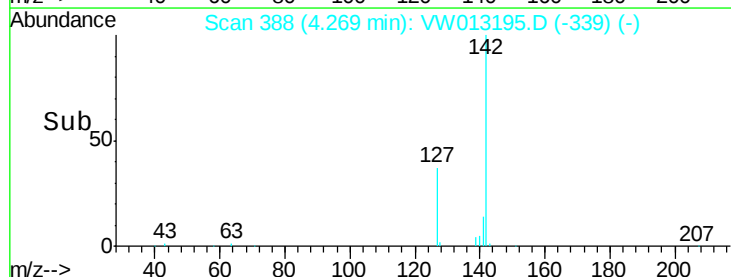
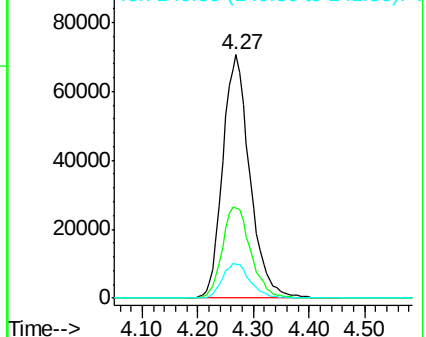
142 100

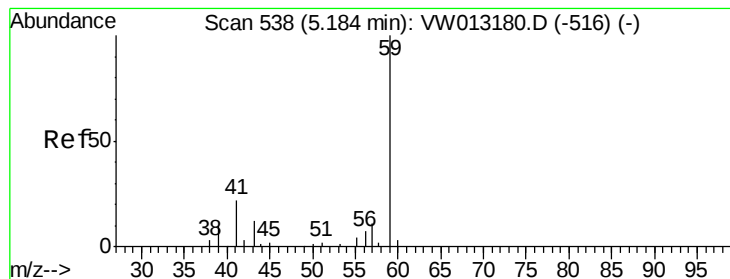
127 39.4 30.9 46.3

141 14.6 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



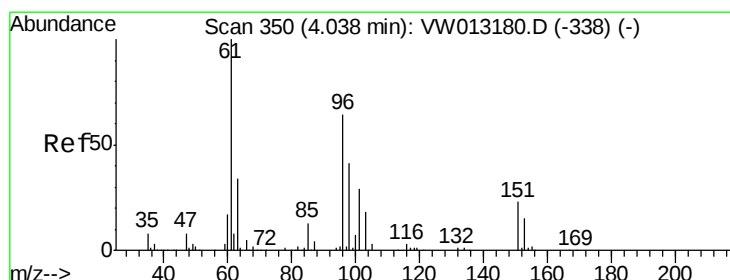
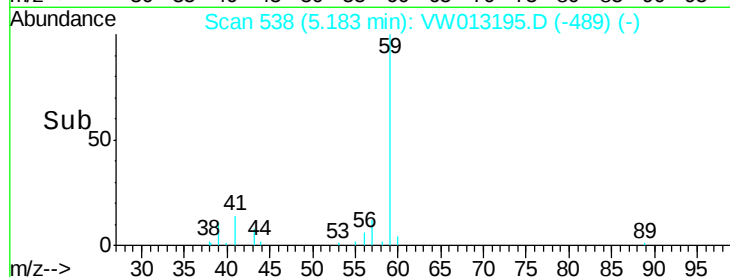
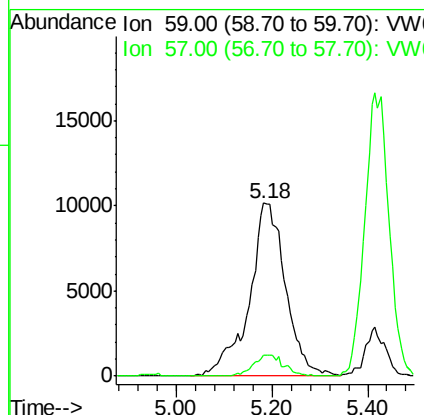
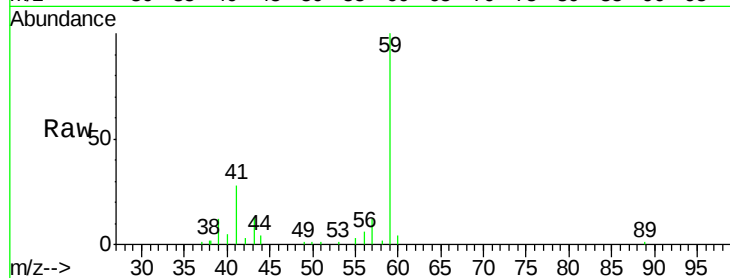


#11

Tert butyl alcohol
 Concen: 257.883 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

Instrument :
 MSVOA_W
 ClientSampleId :

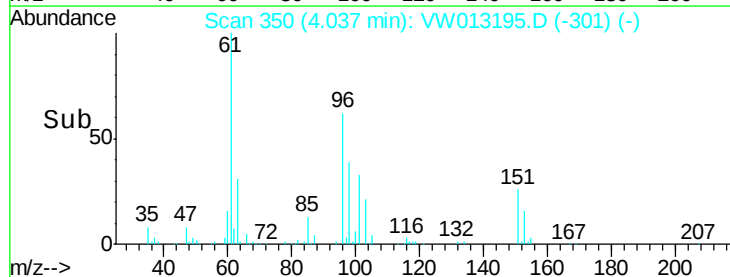
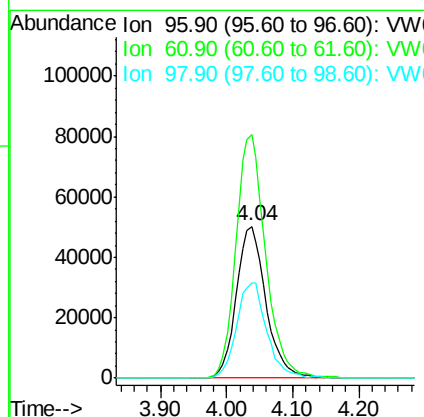
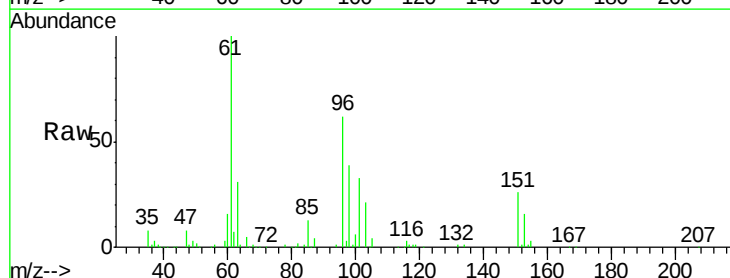
Tot Ion: 59 Resp: 53609
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

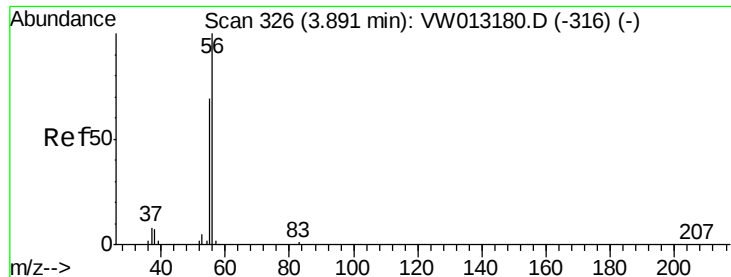


#12

1,1-Dichloroethene
 Concen: 47.431 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

Tgt Ion: 96 Resp: 156157
 Ion Ratio Lower Upper
 96 100
 61 160.4 125.1 187.7
 98 63.0 50.8 76.2





#13

Acrolein

Concen: 251.619 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

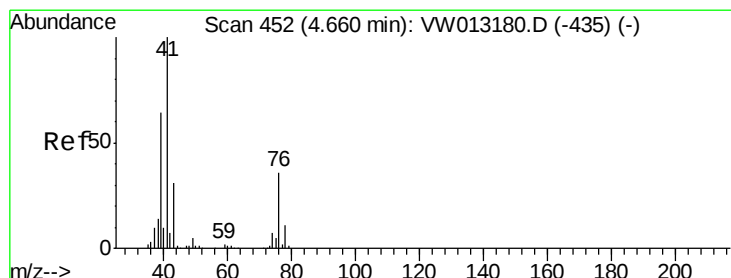
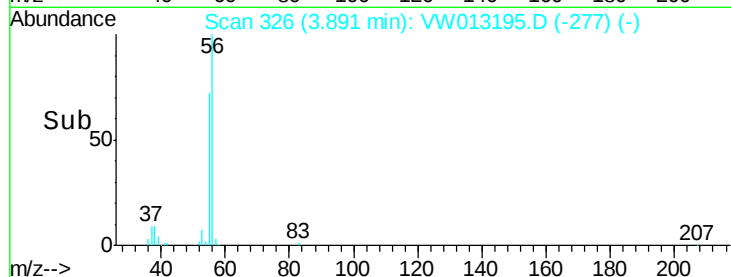
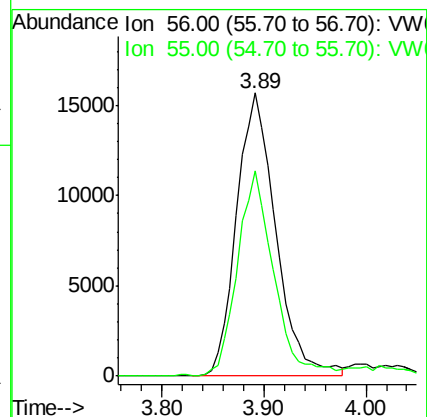
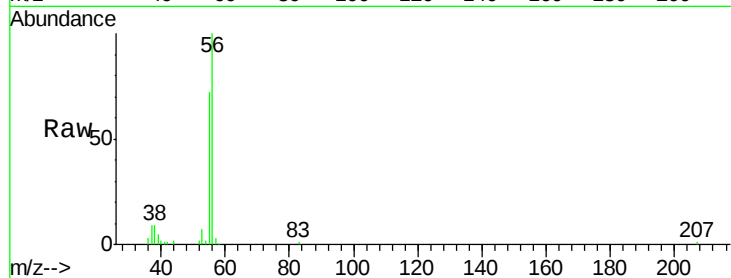
ClientSampleId :

Tot Ion: 56 Resp: 41880

Ion Ratio Lower Upper

56 100

55 66.7 55.4 83.0



#14

Allyl chloride

Concen: 48.299 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

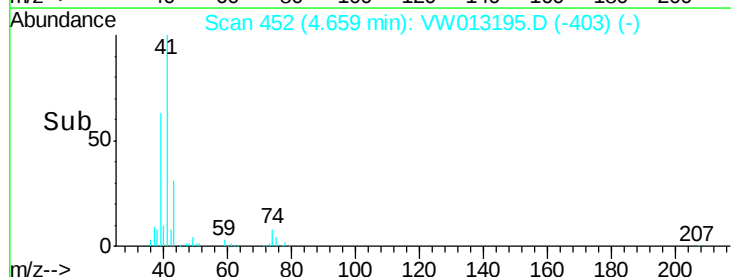
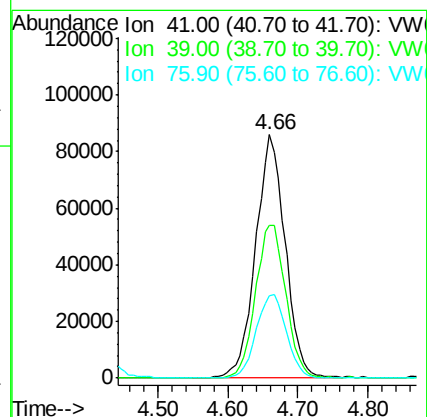
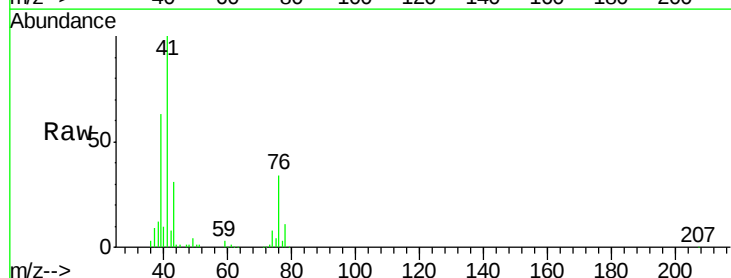
Tgt Ion: 41 Resp: 253072

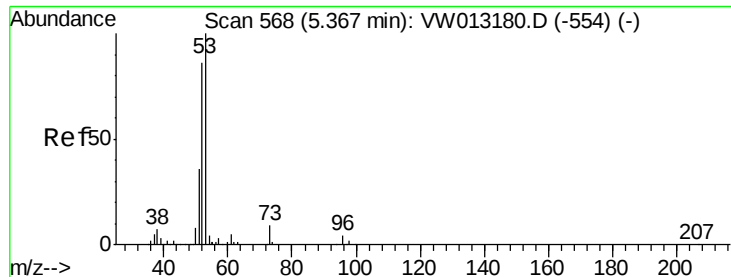
Ion Ratio Lower Upper

41 100

39 64.4 51.0 76.4

76 35.1 28.4 42.6





#15

Acrylonitrile

Concen: 255.212 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

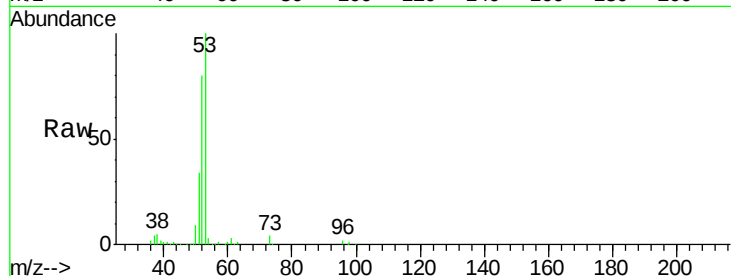
Tot Ion: 53 Resp: 183741

Ion Ratio Lower Upper

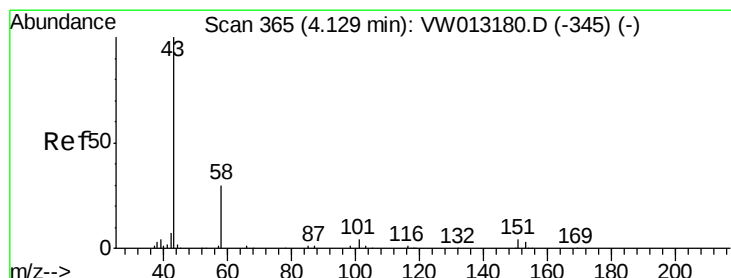
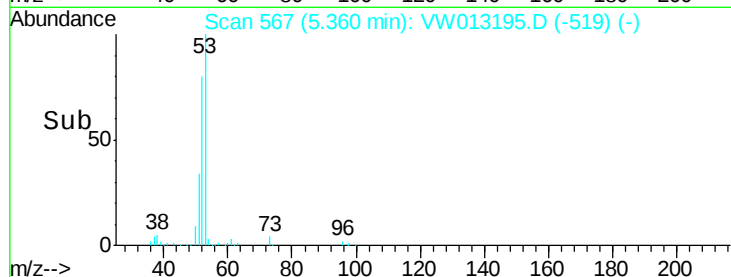
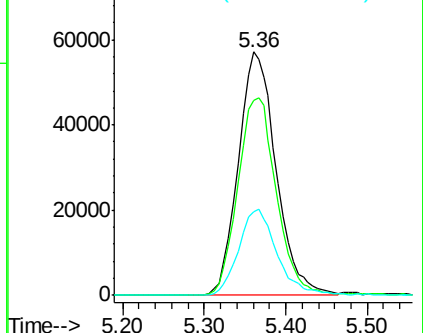
53 100

52 83.0 65.3 97.9

51 35.9 29.0 43.4



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: 231.236 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013195.D

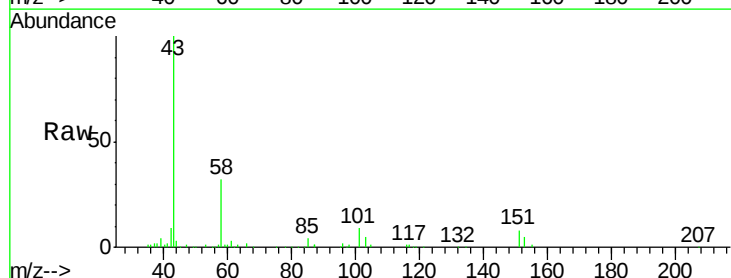
Acq: 20 Sep 2019 21:00

Tgt Ion: 43 Resp: 150774

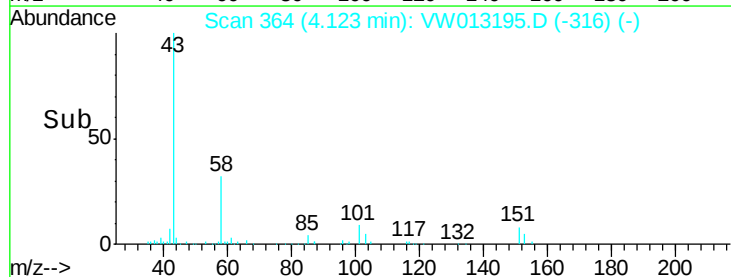
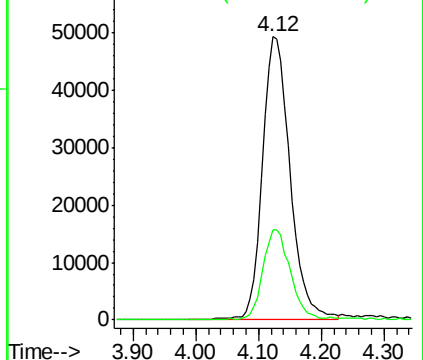
Ion Ratio Lower Upper

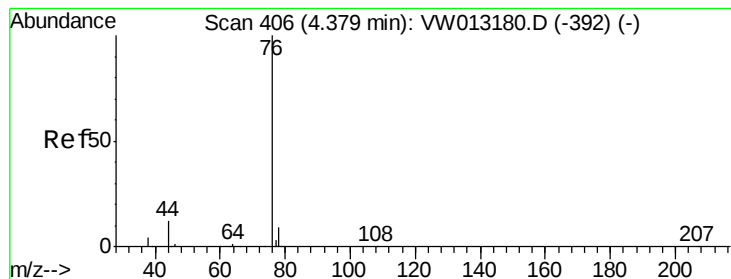
43 100

58 31.6 24.1 36.1



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





#17

Carbon Disulfide

Concen: 47.903 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

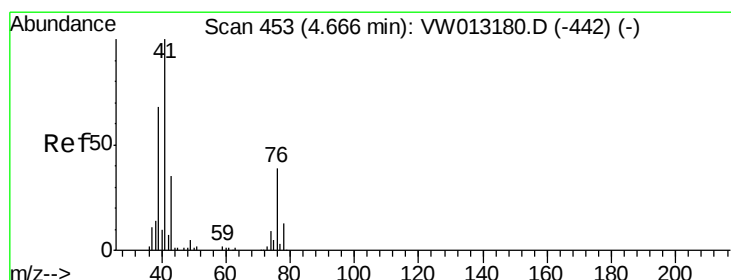
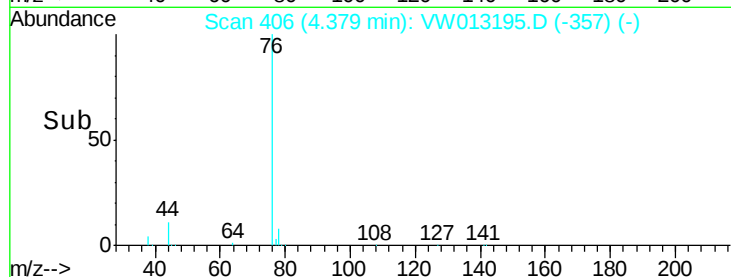
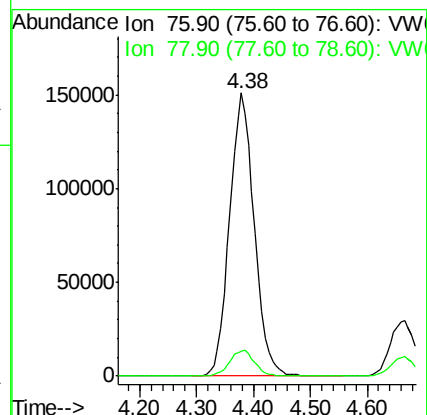
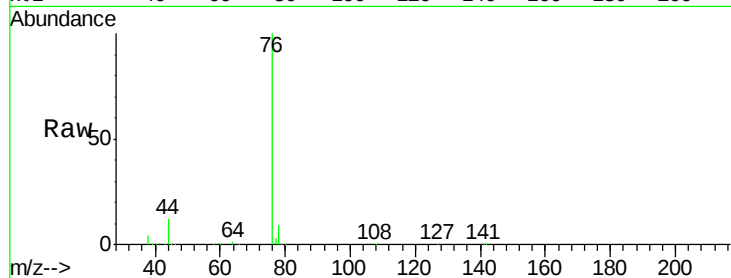
ClientSampleId :

Tot Ion: 76 Resp: 455840

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



#18

Methyl Acetate

Concen: 49.374 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013195.D

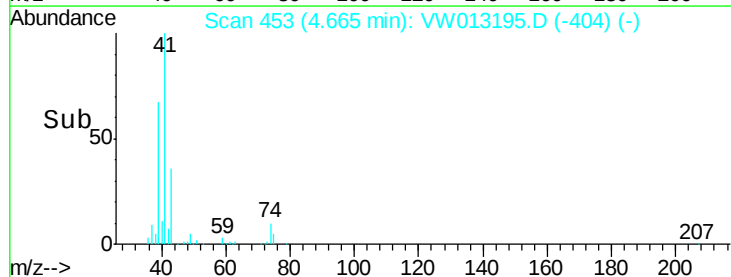
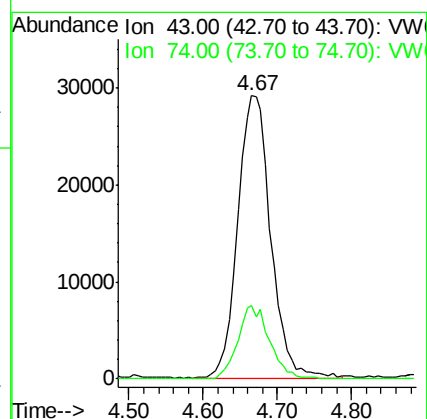
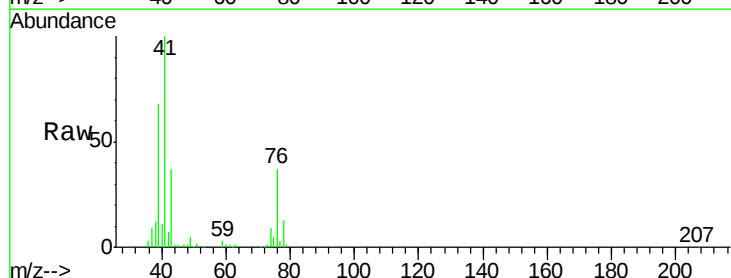
Acq: 20 Sep 2019 21:00

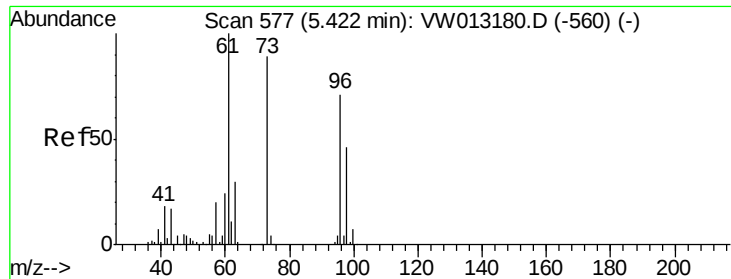
Tgt Ion: 43 Resp: 90496

Ion Ratio Lower Upper

43 100

74 24.6 19.3 28.9

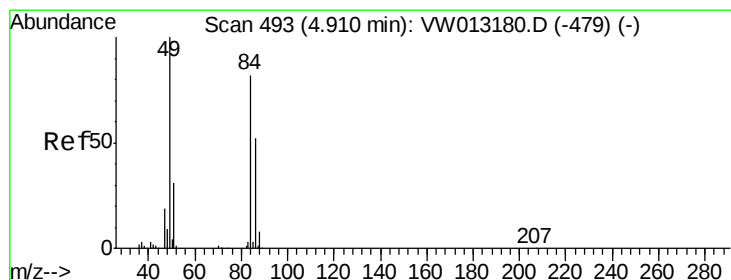
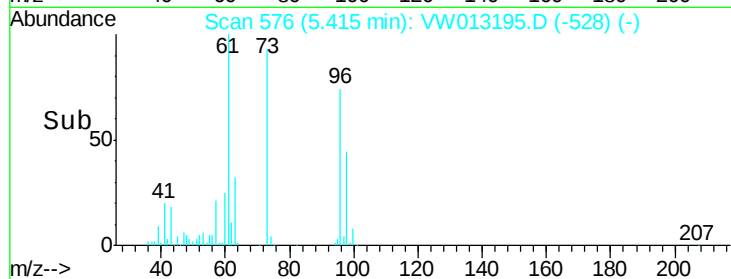
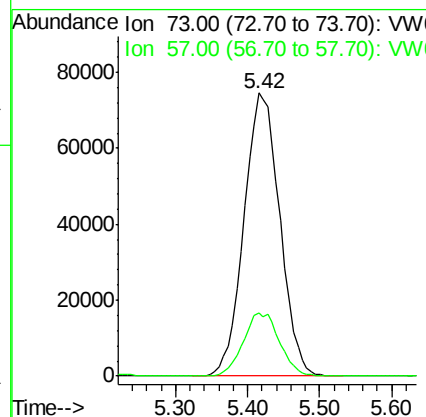
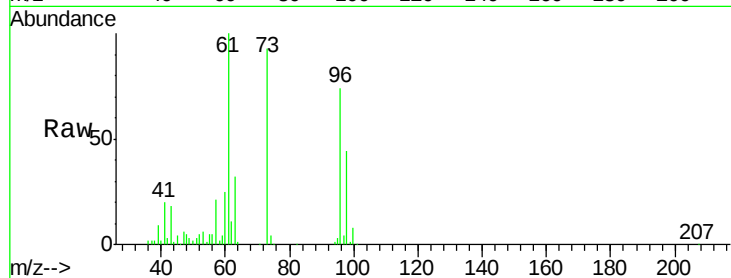




#19
Methvl tert-butvl Ether
Concen: 51.009 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

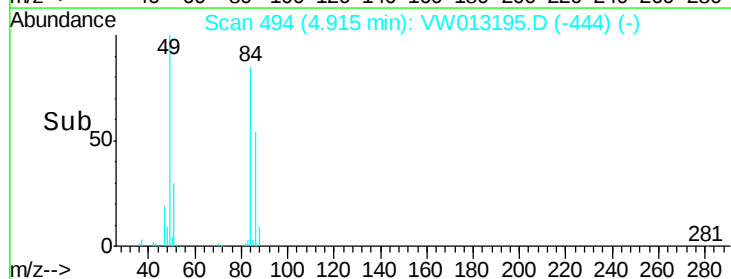
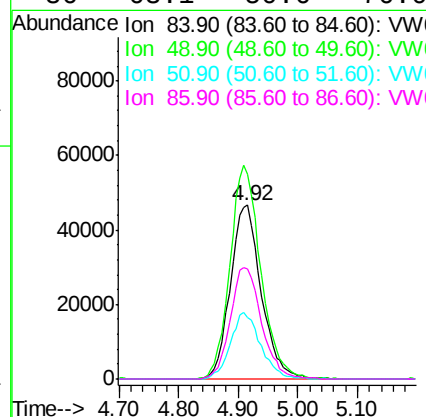
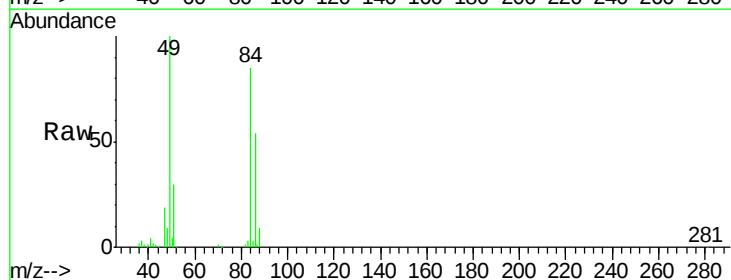
Instrument :
MSVOA_W
ClientSampleId :

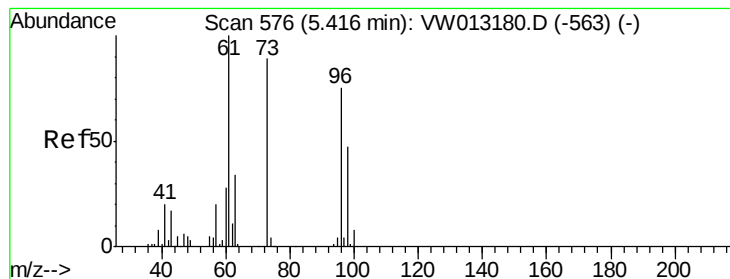
Tot Ion: 73 Resp: 257383
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4



#20
Methylene Chloride
Concen: 50.234 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion: 84 Resp: 167468
Ion Ratio Lower Upper
84 100
49 117.9 97.6 146.4
51 35.7 30.2 45.2
86 63.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 49.401 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampled :

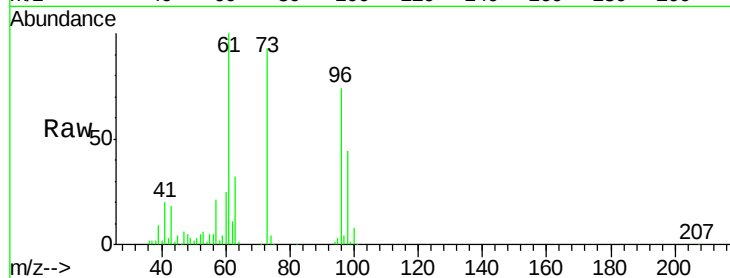
Tot Ion: 96 Resp: 175787

Ion Ratio Lower Upper

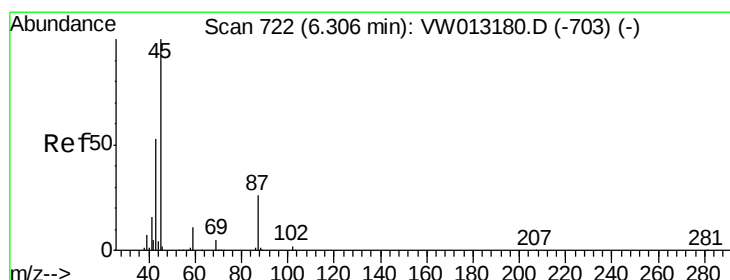
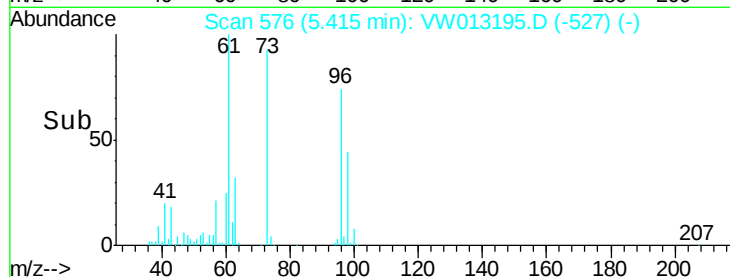
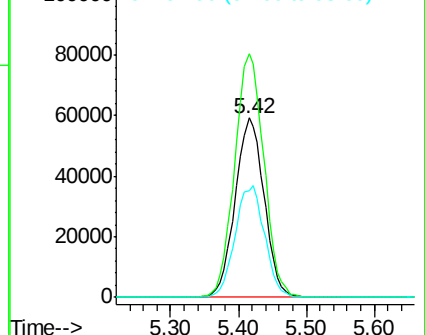
96 100

61 135.7 106.6 159.8

98 59.5 49.8 74.8



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: 50.287 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Tgt Ion: 45 Resp: 501047

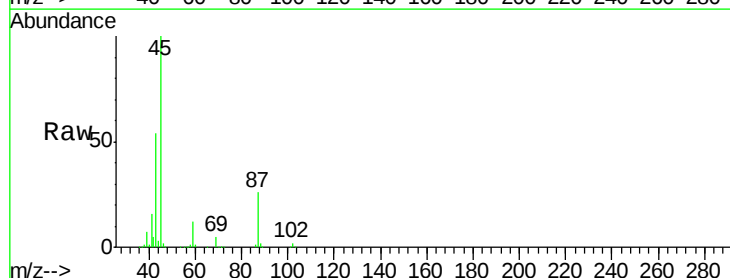
Ion Ratio Lower Upper

45 100

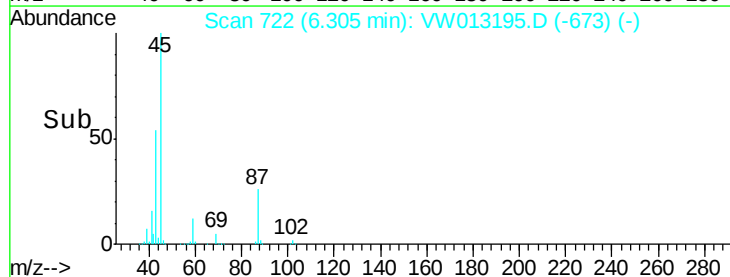
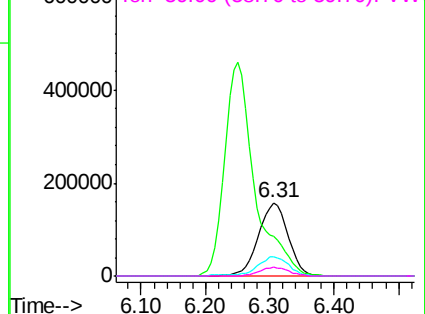
43 53.5 42.4 63.6

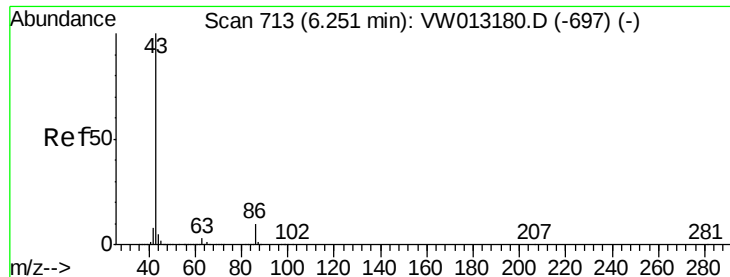
87 26.3 20.4 30.6

59 11.7 8.8 13.2



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: 256.402 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

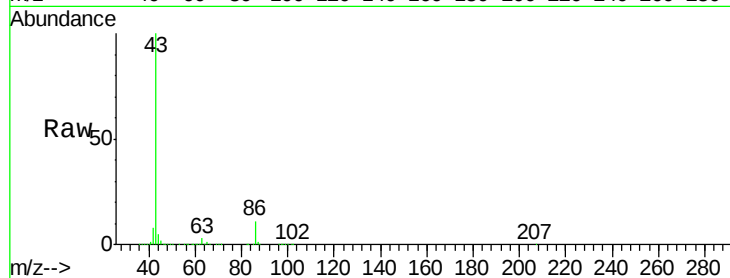
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1515599

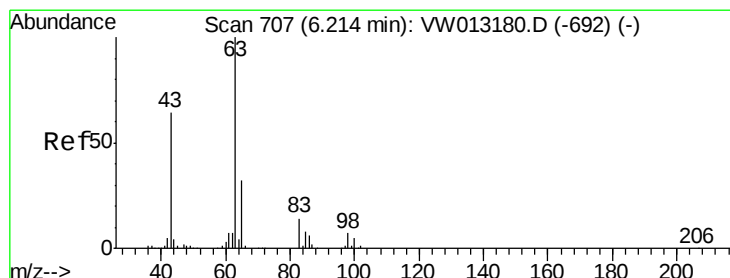
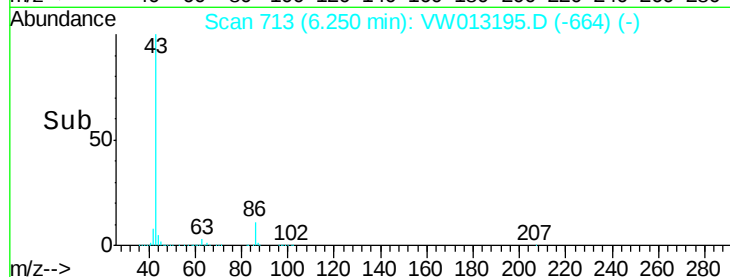
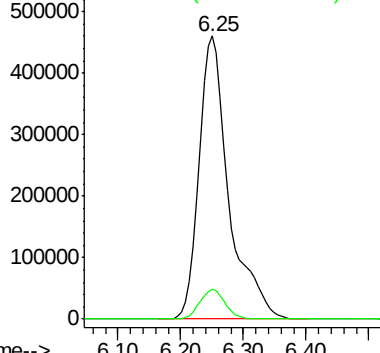
Ion Ratio Lower Upper

43 100

86 10.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.806 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

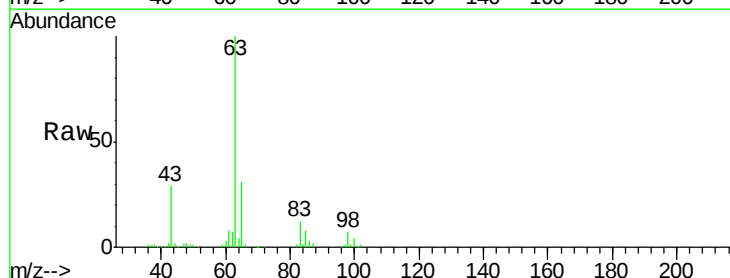
Tgt Ion: 63 Resp: 299451

Ion Ratio Lower Upper

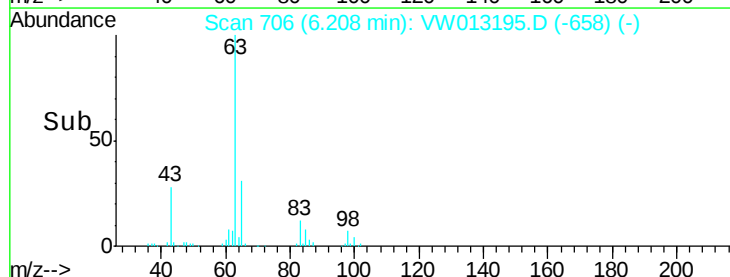
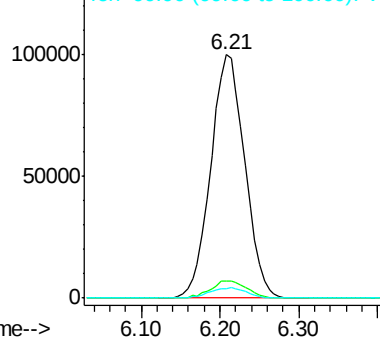
63 100

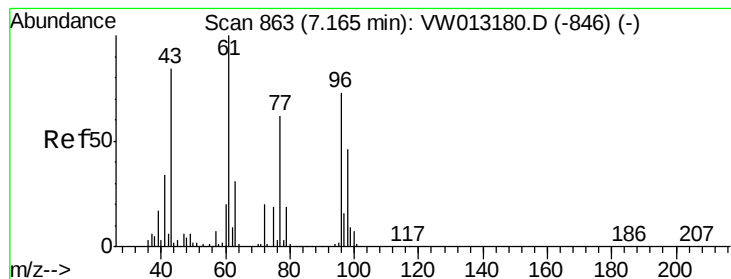
98 7.0 3.5 10.5

100 4.1 2.4 7.1



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: 241.142 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

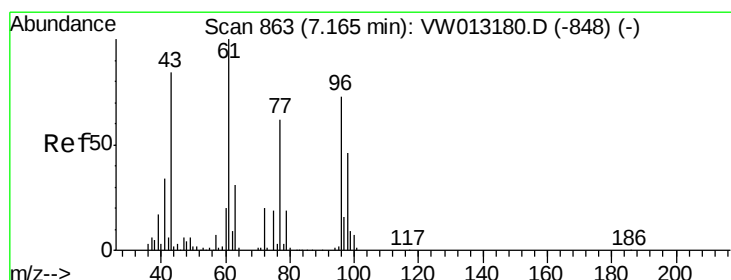
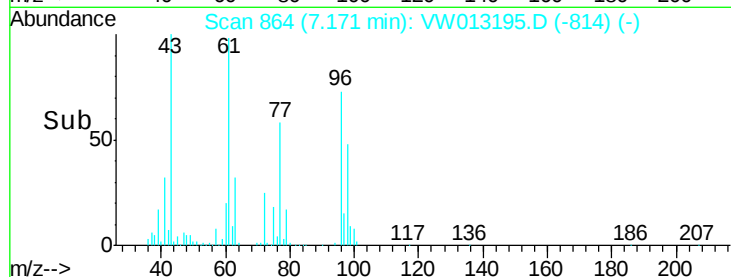
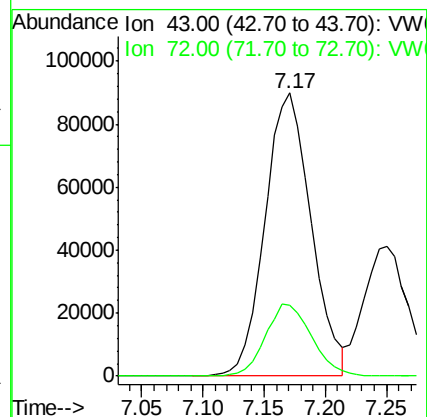
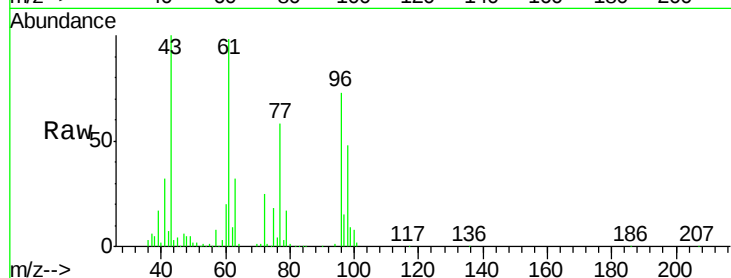
ClientSampled :

Tot Ion: 43 Resp: 236032

Ion Ratio Lower Upper

43 100

72 25.2 19.4 29.0



#26

2,2-Dichloropropane

Concen: 47.081 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013195.D

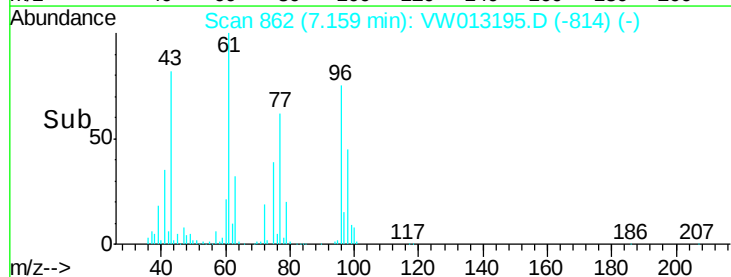
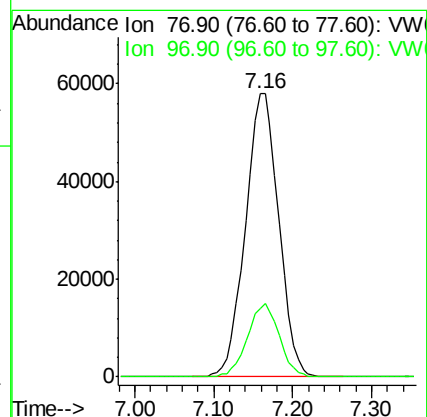
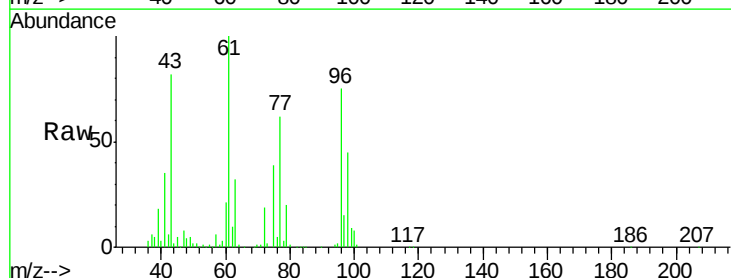
Acq: 20 Sep 2019 21:00

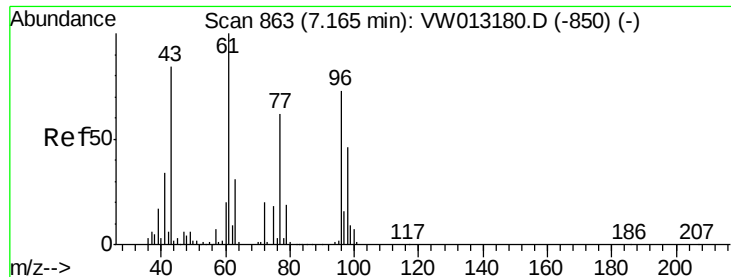
Tgt Ion: 77 Resp: 170069

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 50.525 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampled :

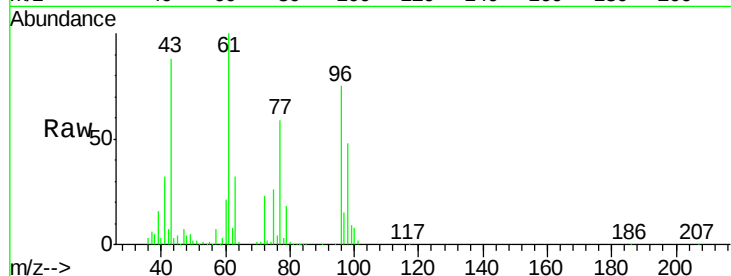
Tot Ion: 96 Resp: 189734

Ion Ratio Lower Upper

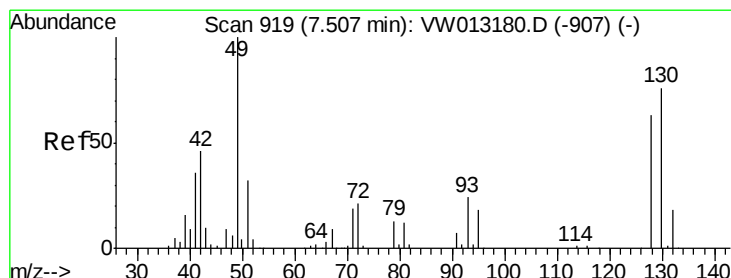
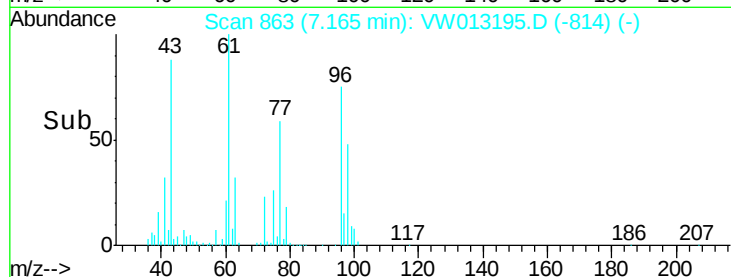
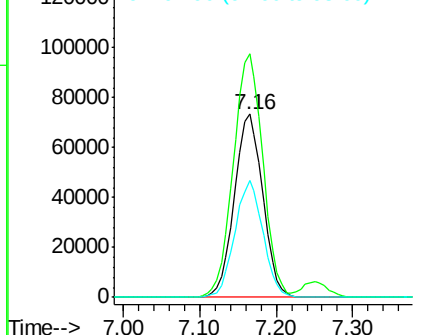
96 100

61 137.6 0.0 282.4

98 63.1 0.0 128.2



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: 53.492 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

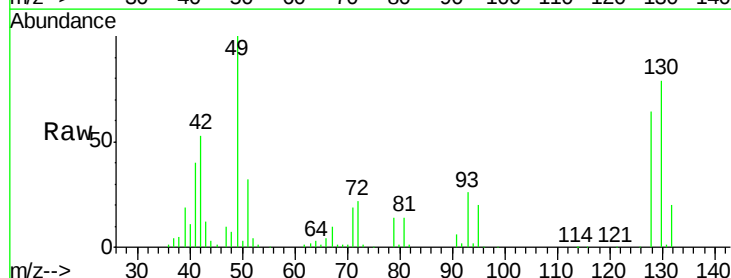
Tgt Ion: 49 Resp: 123435

Ion Ratio Lower Upper

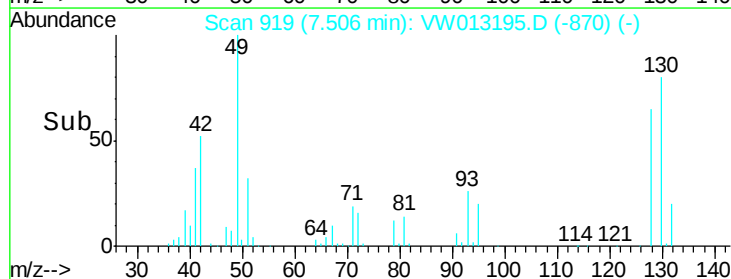
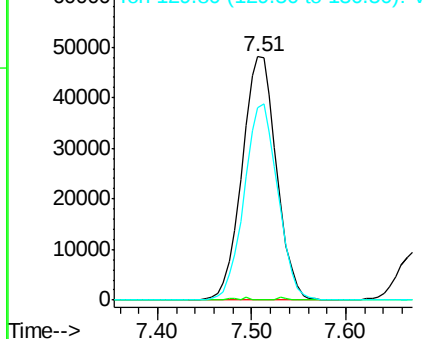
49 100

129 0.0 0.0 1.0

130 78.8 63.4 95.2



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

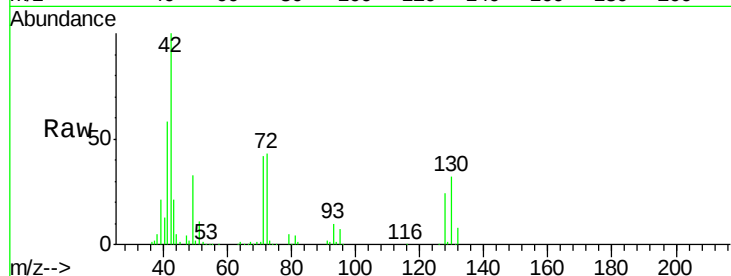




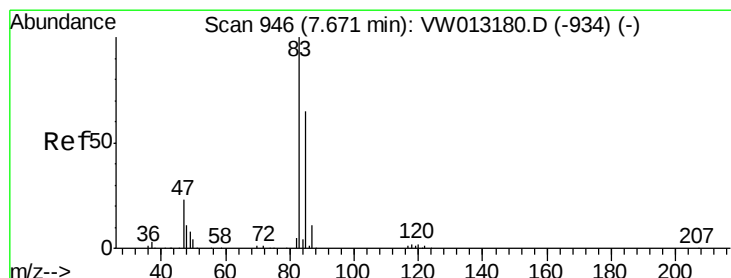
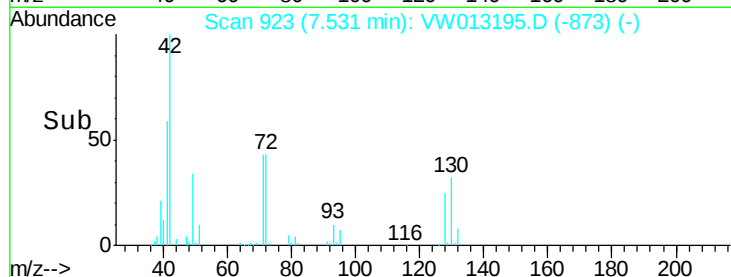
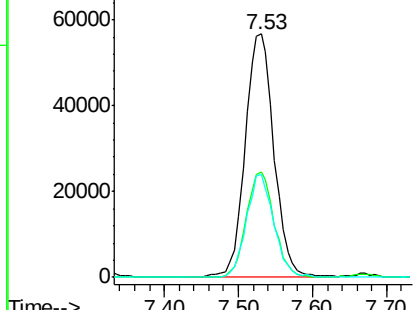
#29
Tetrahydrofuran
Concen: 256.590 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 154024
Ion Ratio Lower Upper
42 100
72 41.8 33.9 50.9
71 40.1 31.9 47.9

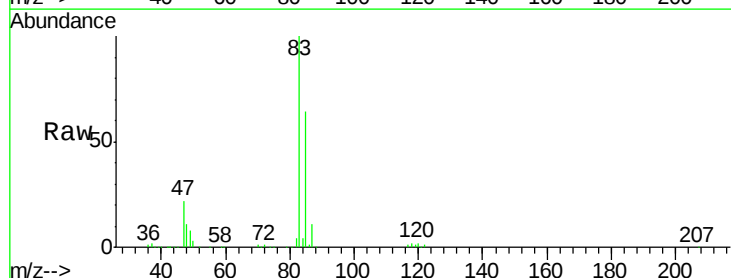


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

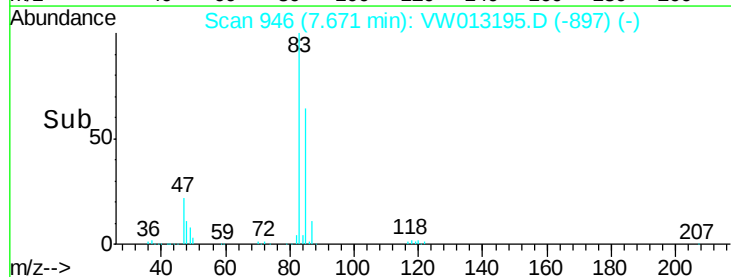
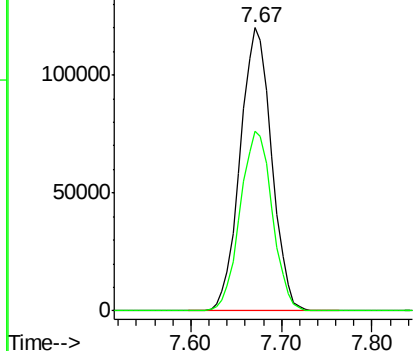


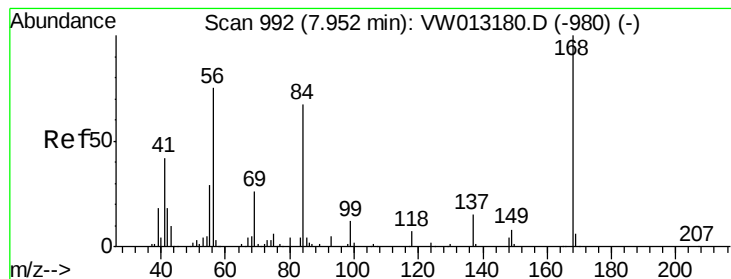
#30
Chloroform
Concen: 49.063 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion: 83 Resp: 288803
Ion Ratio Lower Upper
83 100
85 63.6 52.3 78.5



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





#31

Cyclohexane

Concen: 45.969 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampled :

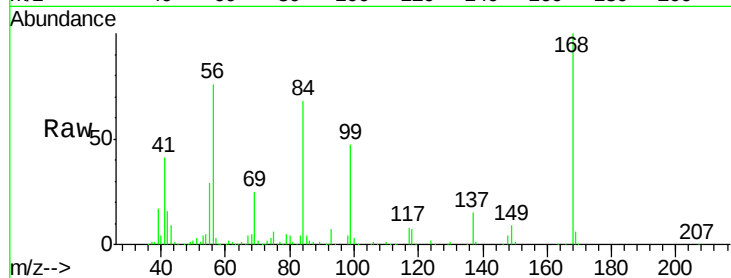
Tot Ion: 56 Resp: 288101

Ion Ratio Lower Upper

56 100

69 32.8 27.2 40.8

84 88.6 70.8 106.2

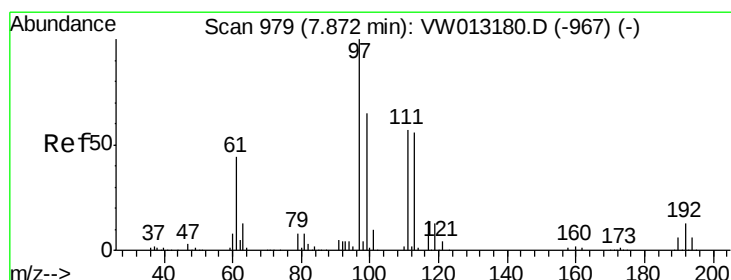
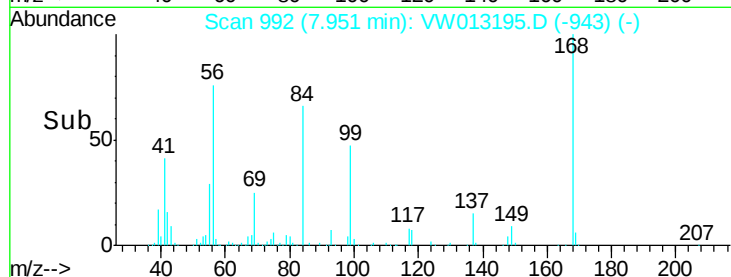
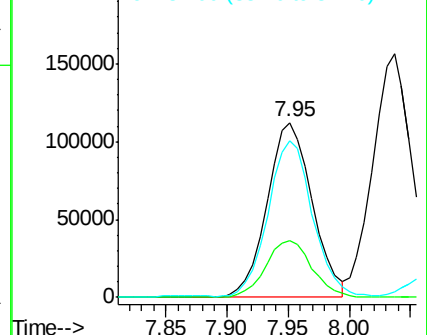


Abundance

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: 48.396 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

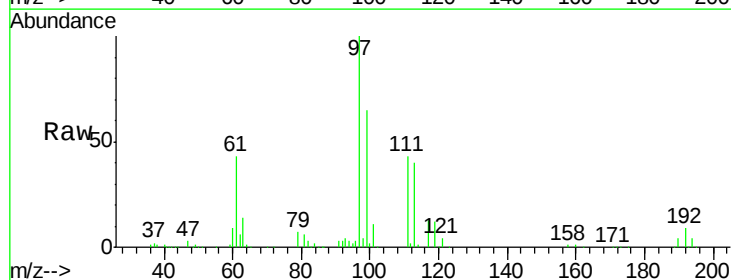
Tgt Ion: 97 Resp: 230728

Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 42.9 34.6 51.8

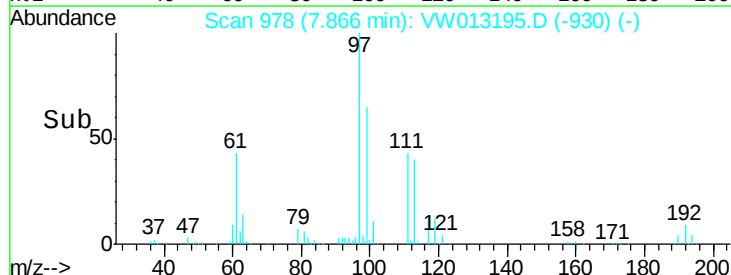
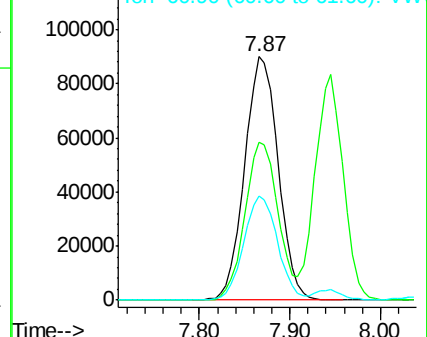


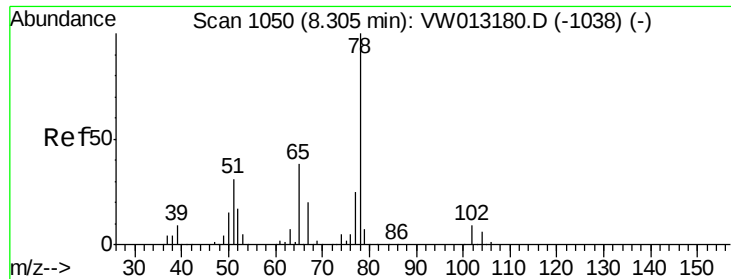
Abundance

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: 49.824 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

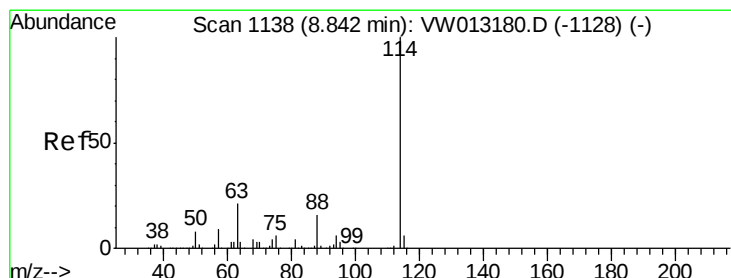
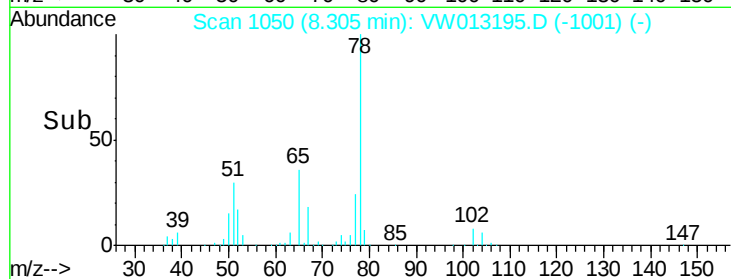
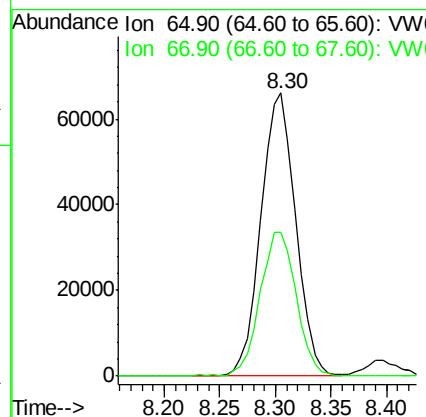
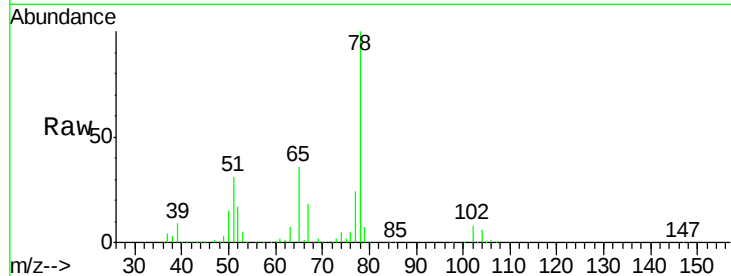
ClientSampleId :

Tot Ion: 65 Resp: 144060

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

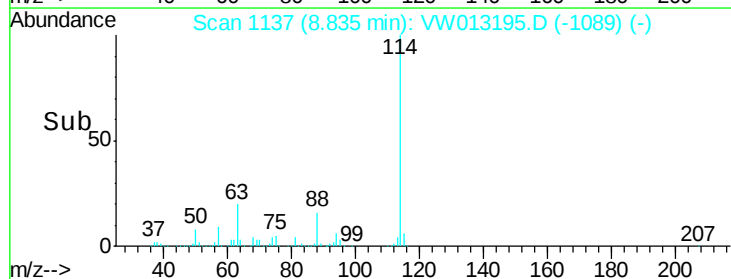
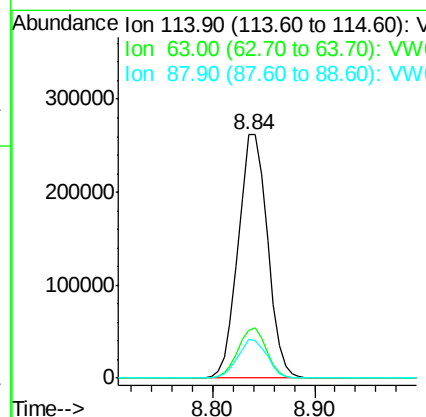
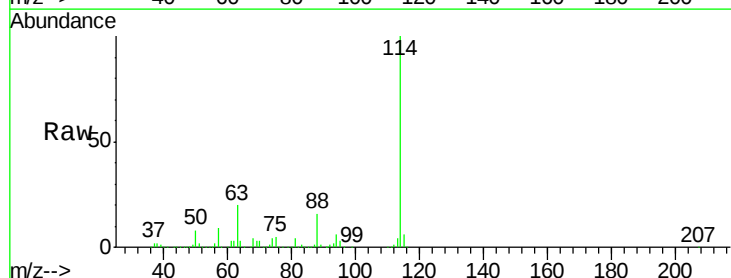
Tgt Ion: 114 Resp: 522300

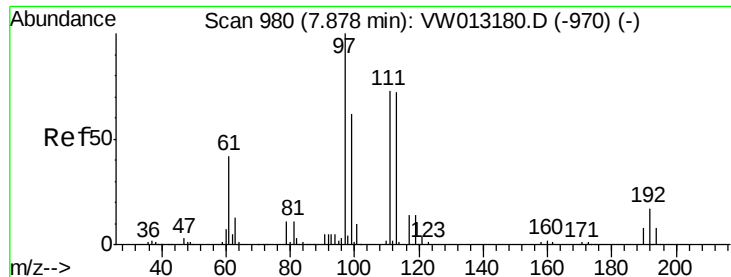
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.909 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampled :

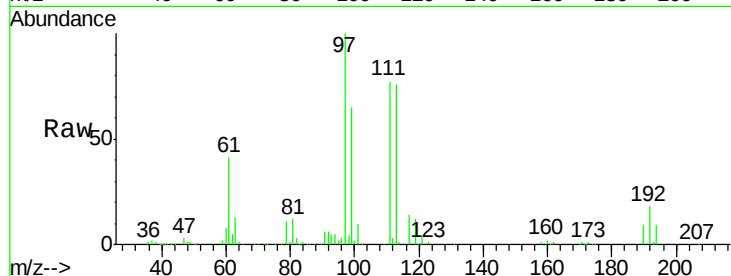
Tot Ion:113 Resp: 140498

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

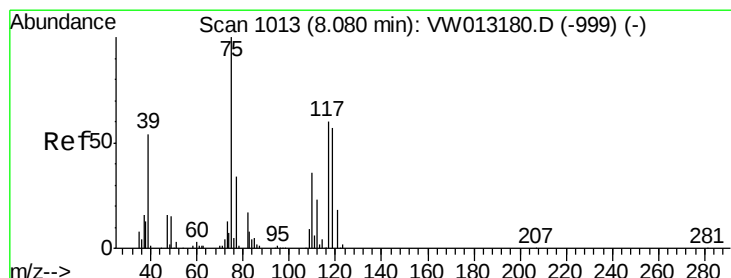
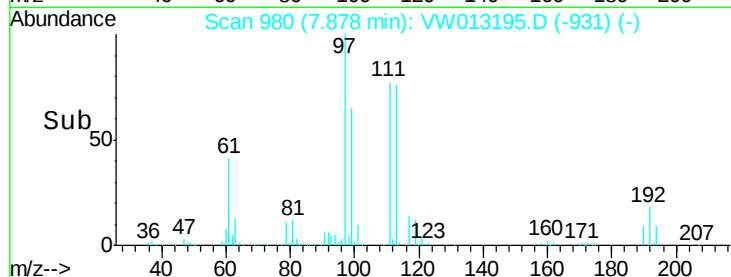
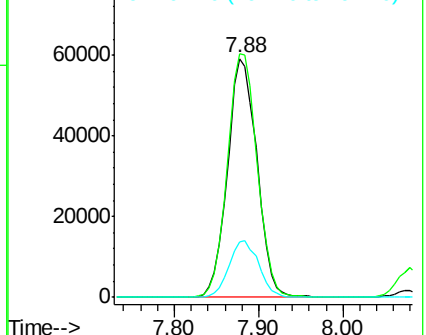
192 24.0 19.1 28.7



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: 47.250 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

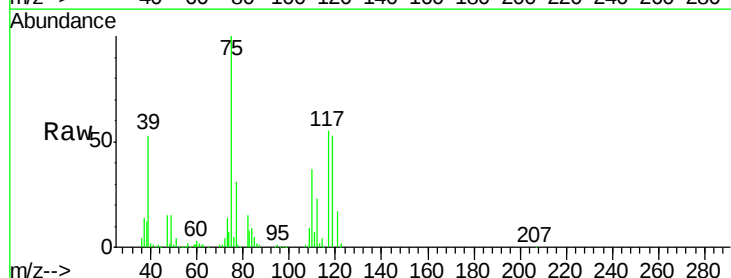
Tgt Ion: 75 Resp: 239031

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.3

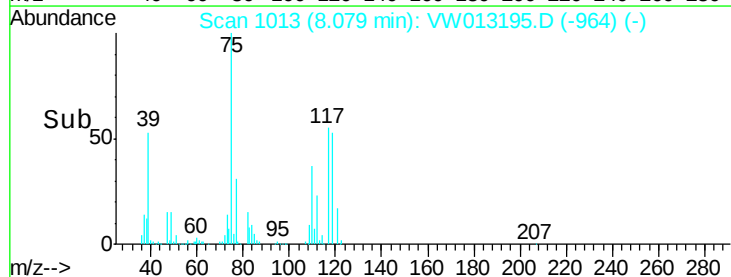
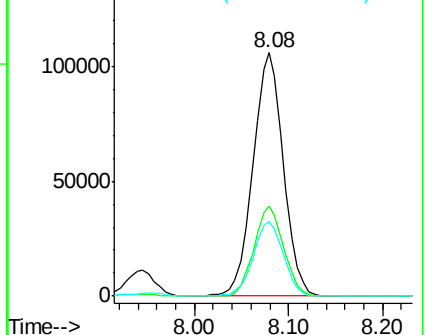
77 30.8 25.8 38.6

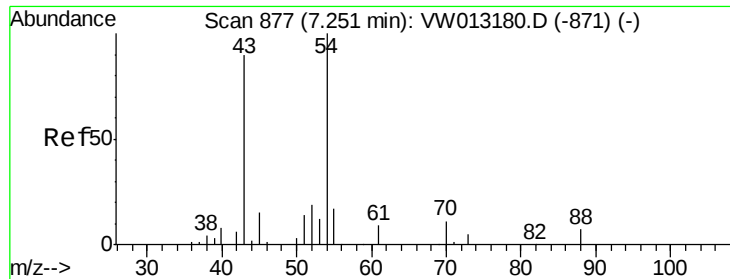


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

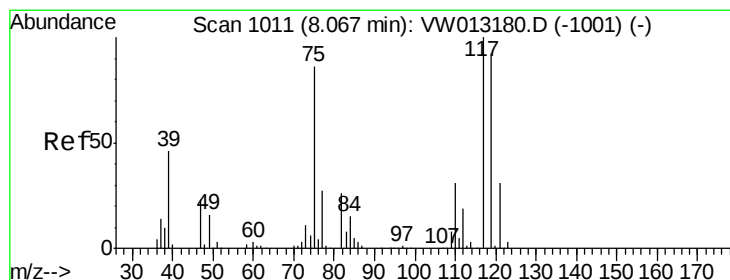
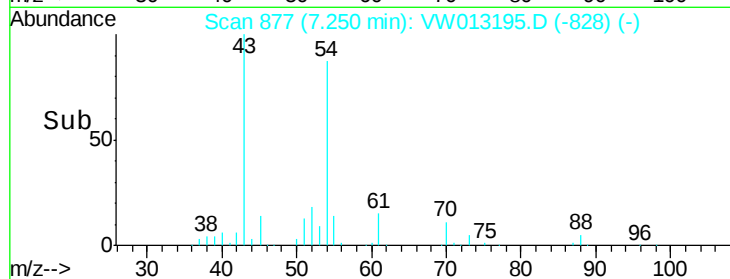
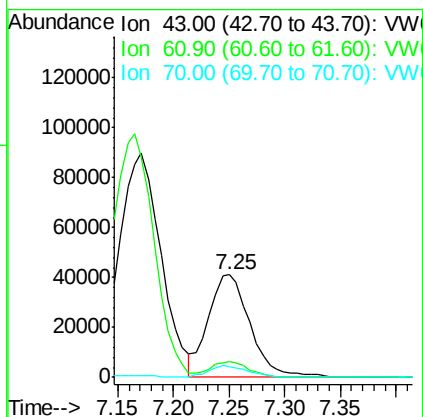
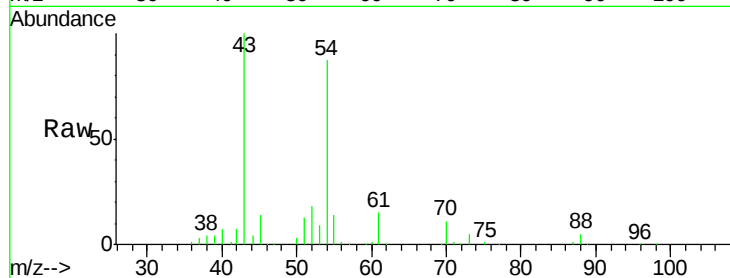




#37
Ethyl Acetate
Concen: 49.193 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

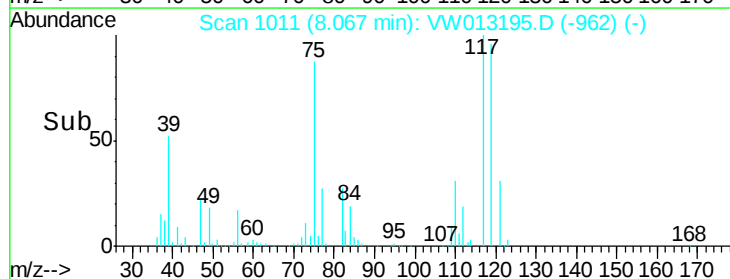
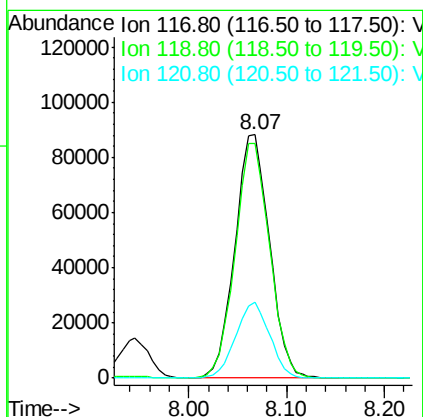
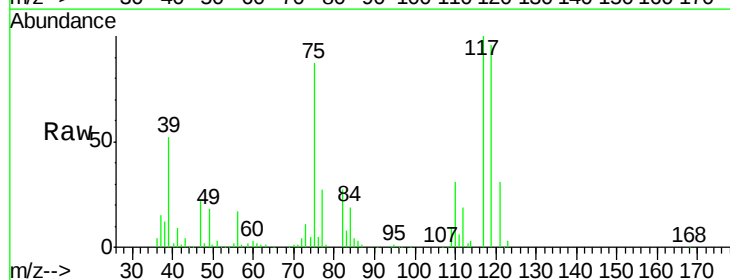
Instrument :
MSVOA_W
ClientSampled :

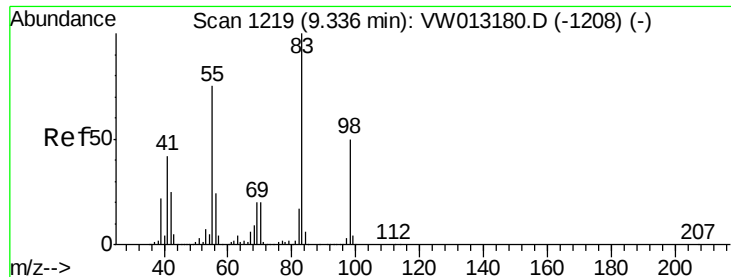
Tot Ion: 43 Resp: 105765
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 11.0 8.2 12.2



#38
Carbon Tetrachloride
Concen: 47.765 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion: 117 Resp: 216612
Ion Ratio Lower Upper
117 100
119 96.2 73.5 110.3
121 31.3 25.0 37.6

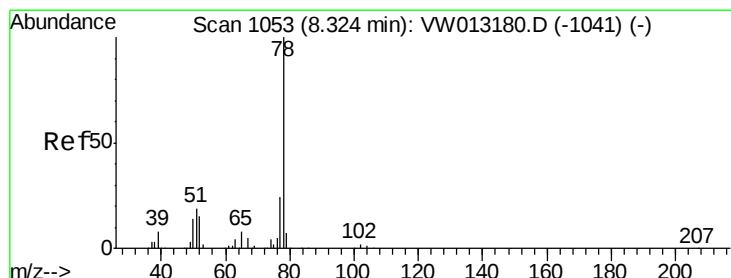
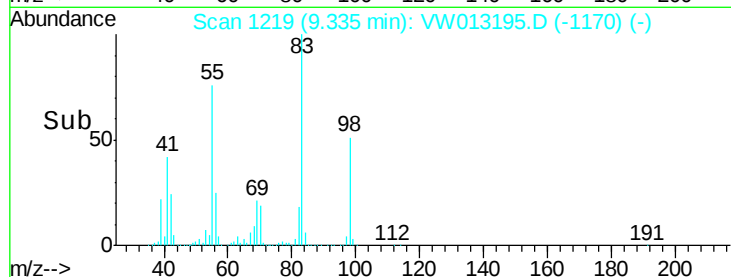
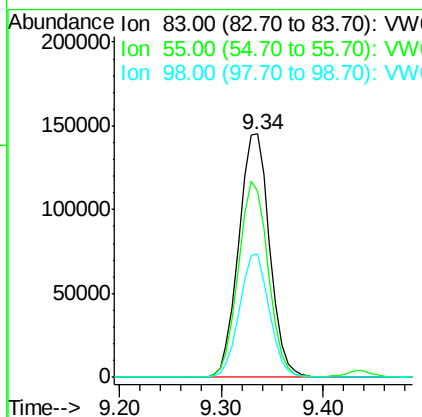
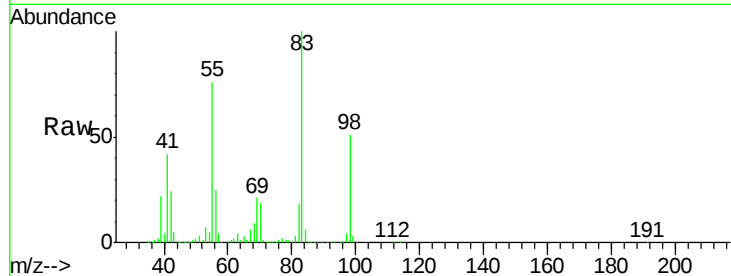




#39
Methvlcvclohexane
Concen: 47.098 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

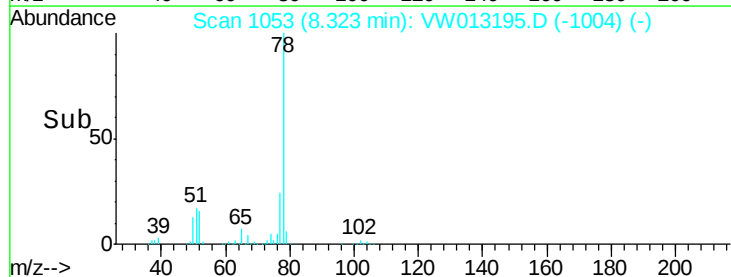
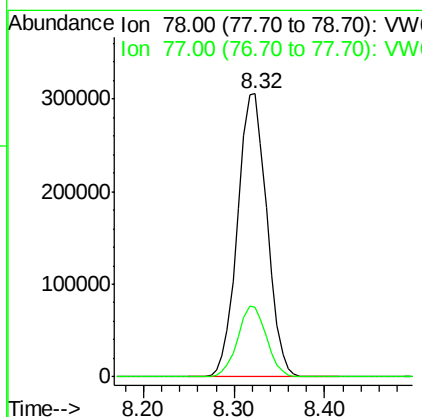
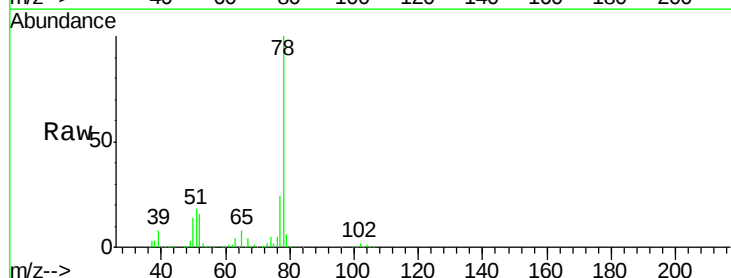
Instrument :
MSVOA_W
ClientSampled :

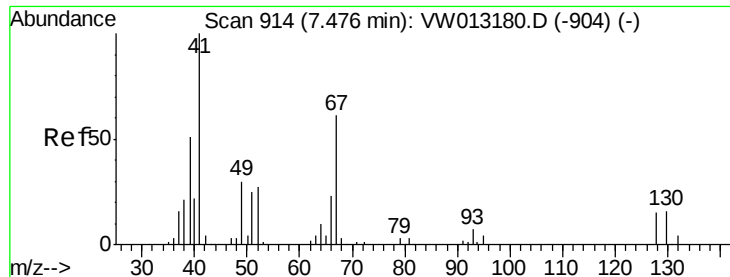
Tot Ion: 83 Resp: 306194
Ion Ratio Lower Upper
83 100
55 76.2 60.4 90.6
98 50.5 40.0 60.0



#40
Benzene
Concen: 48.763 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion: 78 Resp: 688077
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

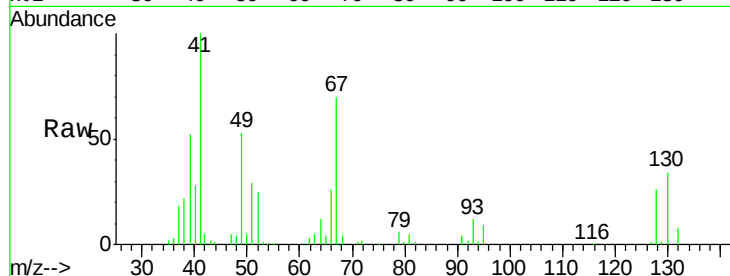




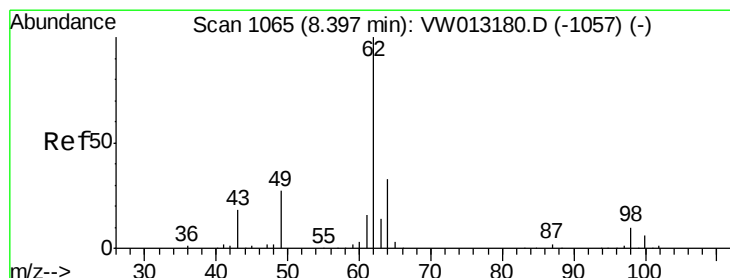
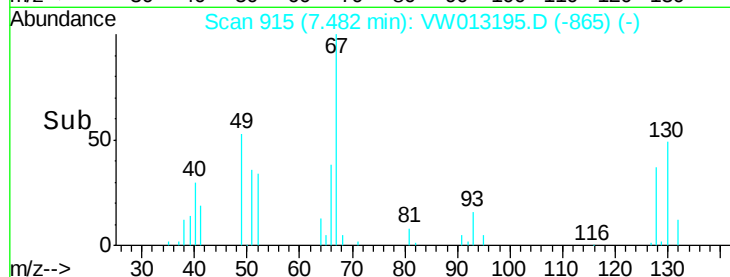
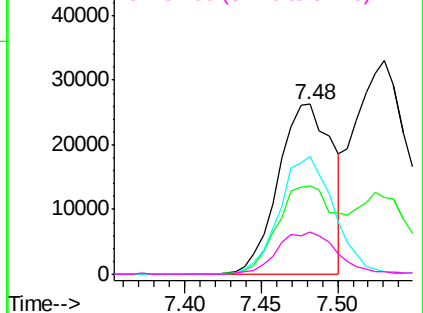
#41
Methacrylonitrile
Concen: 50.557 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	64875
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.9	68.9
67	70.2	54.5	81.7
52	27.6	22.5	33.7

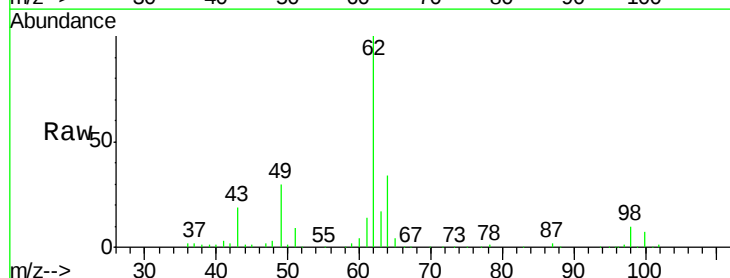


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

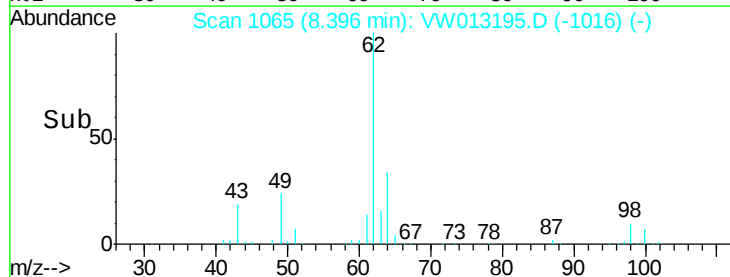
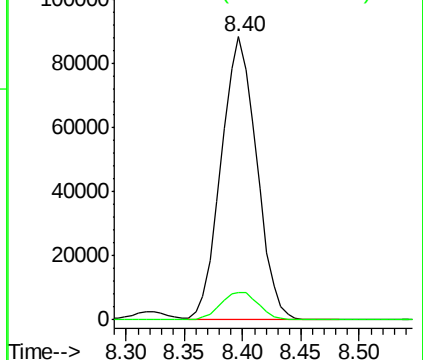


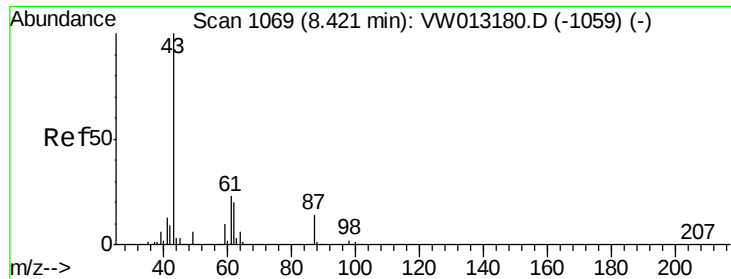
#42
1,2-Dichloroethane
Concen: 49.309 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion:	62	Resp:	187038
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW

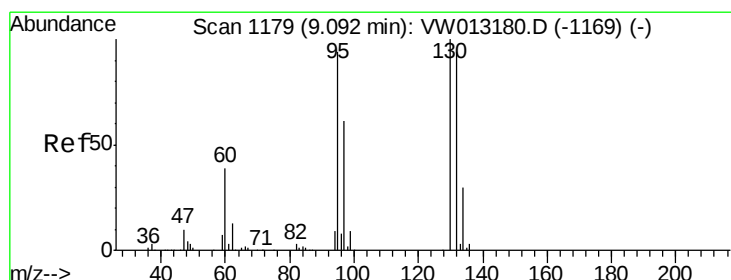
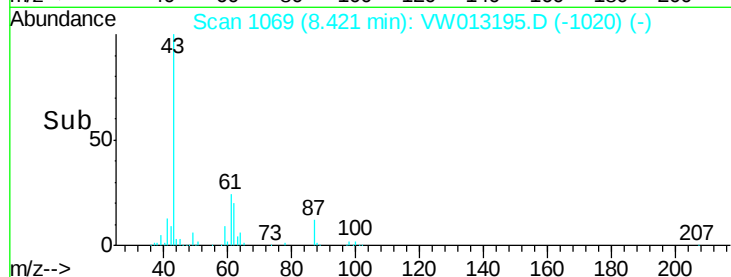
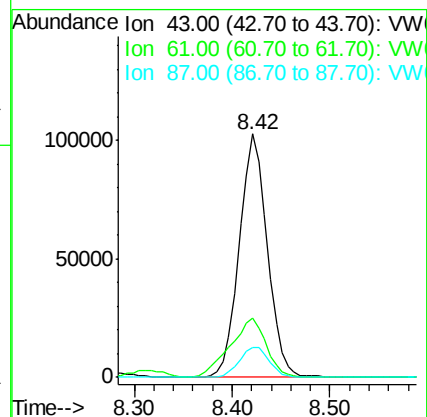
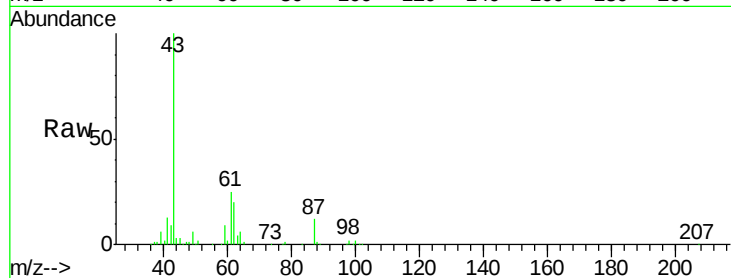




#43
Isopropyl Acetate
Concen: 49.663 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

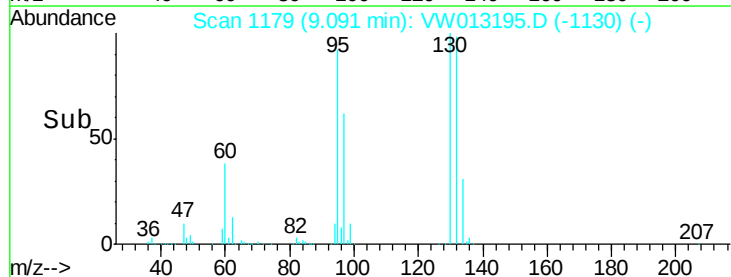
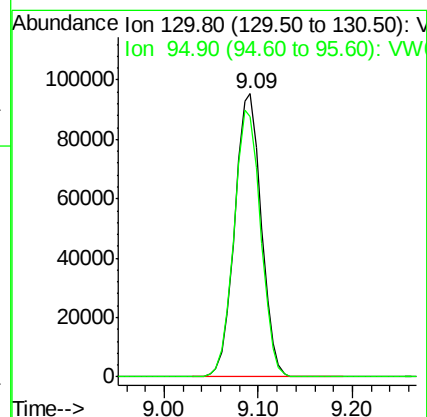
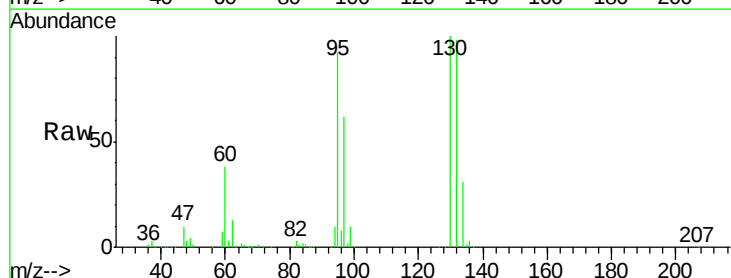
Instrument :
MSVOA_W
ClientSampled :

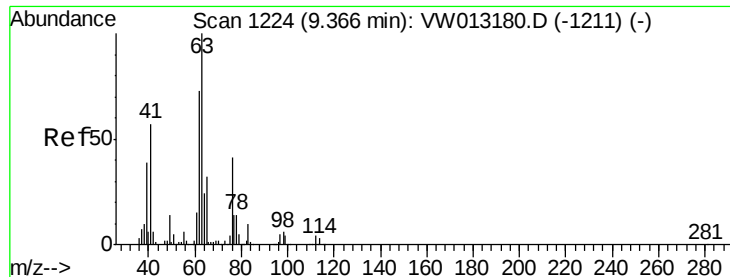
Tot Ion: 43 Resp: 204645
Ion Ratio Lower Upper
43 100
61 30.8 25.5 38.3
87 13.0 11.0 16.4



#44
Trichloroethene
Concen: 47.138 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion: 130 Resp: 186620
Ion Ratio Lower Upper
130 100
95 92.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 49.080 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

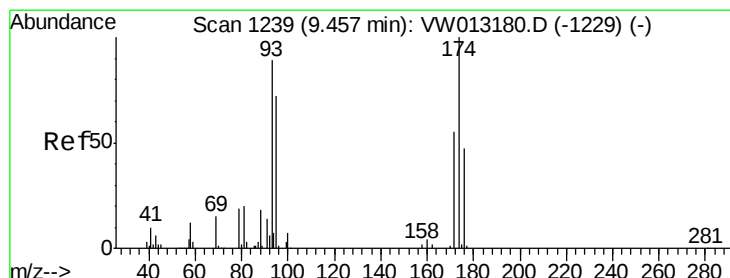
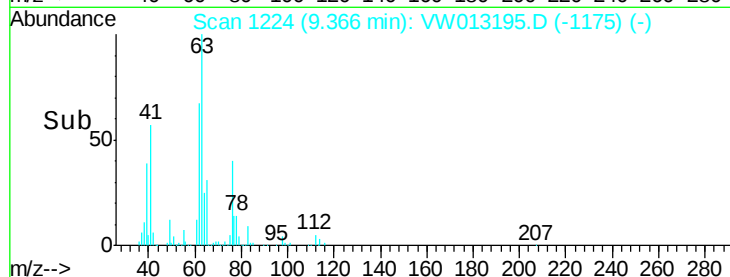
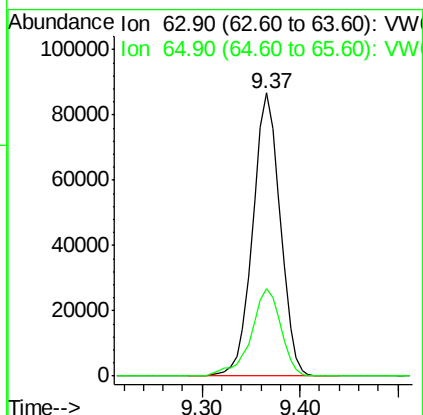
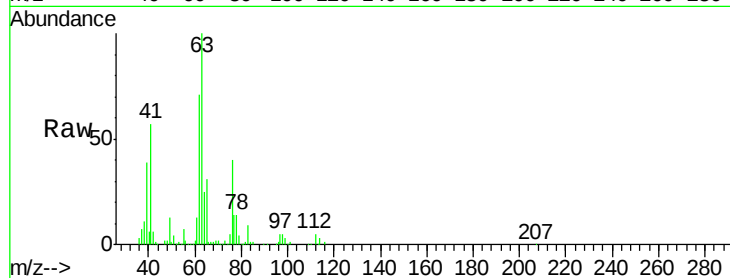
ClientSampleId :

Tot Ion: 63 Resp: 169081

Ion Ratio Lower Upper

63 100

65 31.1 25.3 37.9



#46

Dibromomethane

Concen: 49.785 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

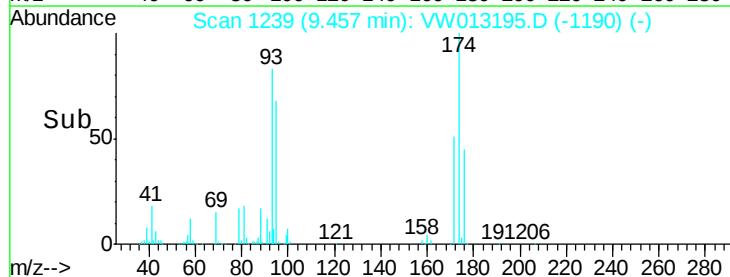
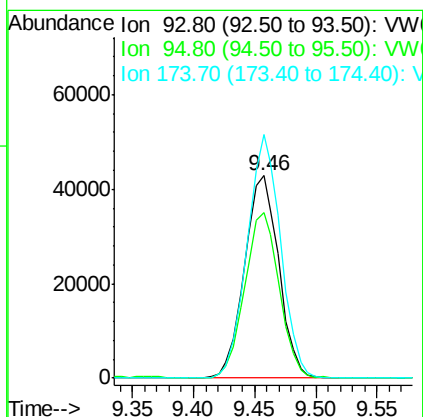
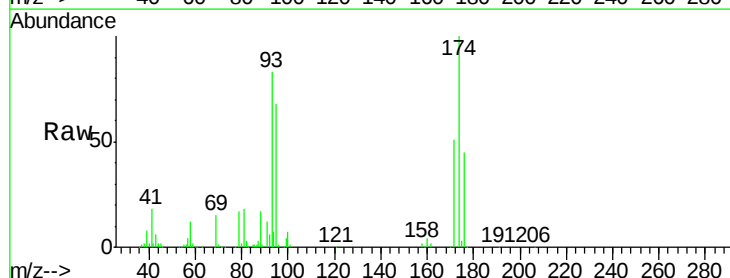
Tgt Ion: 93 Resp: 83267

Ion Ratio Lower Upper

93 100

95 82.8 66.4 99.6

174 118.3 93.0 139.6





#47

Bromodichloromethane

Concen: 48.811 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

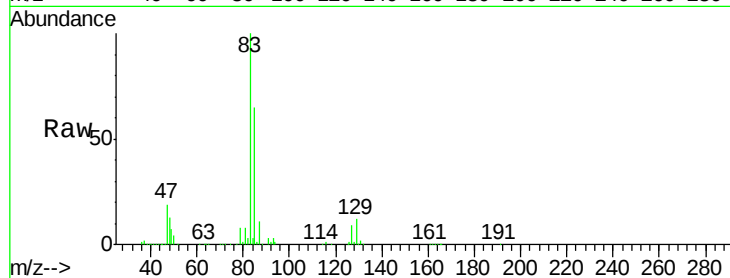
Tot Ion: 83 Resp: 207732

Ion Ratio Lower Upper

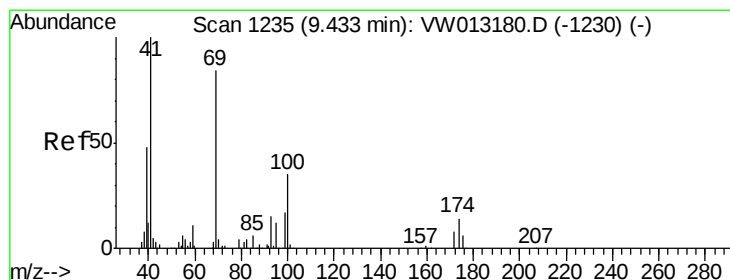
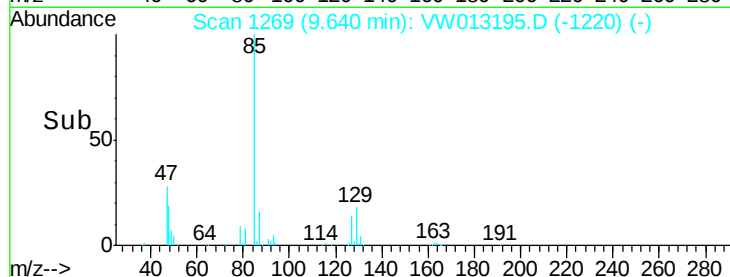
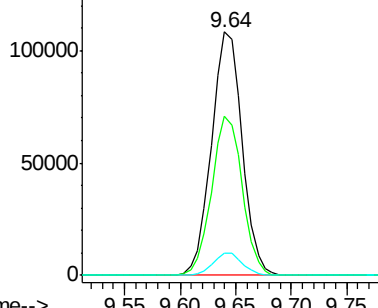
83 100

85 65.4 49.4 74.2

127 9.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.815 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

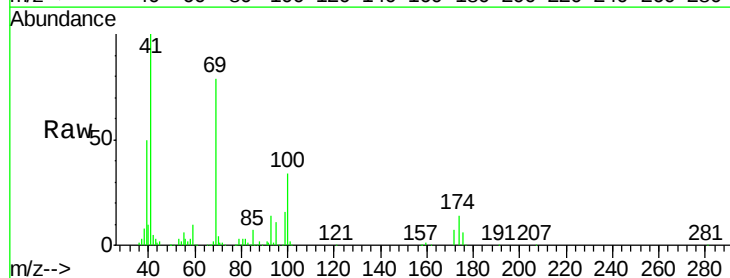
Tgt Ion: 41 Resp: 98461

Ion Ratio Lower Upper

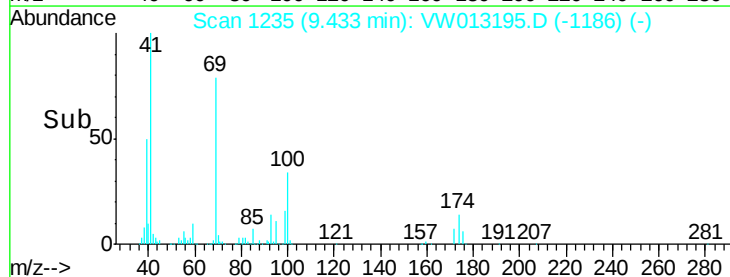
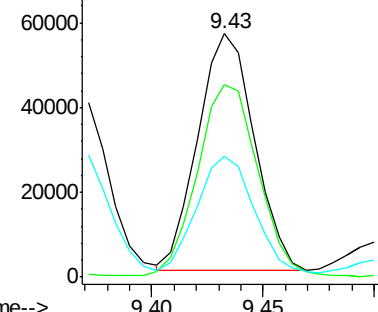
41 100

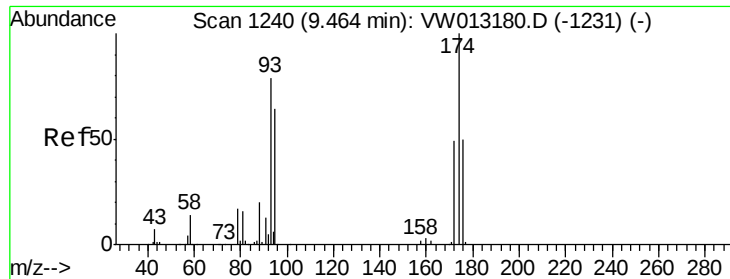
69 88.8 69.7 104.5

39 49.7 41.1 61.7



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





#49

1,4-Dioxane

Concen: 898.315 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

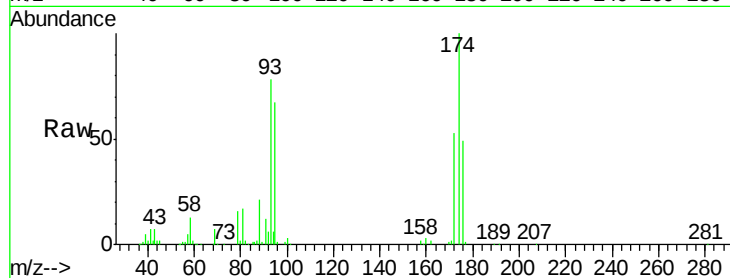
Tot Ion: 88 Resp: 22553

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

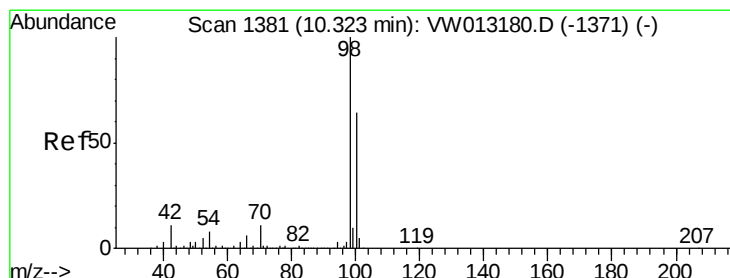
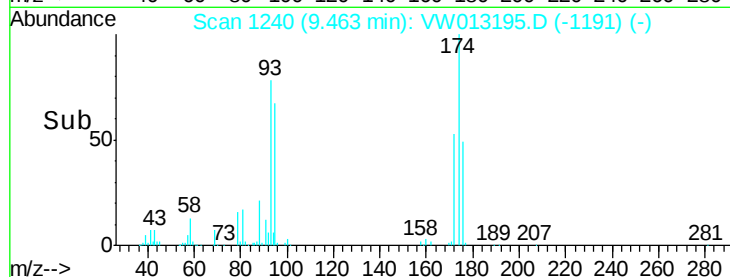
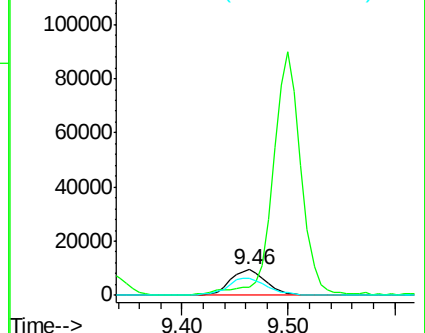
58 75.4 65.4 98.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 48.673 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013195.D

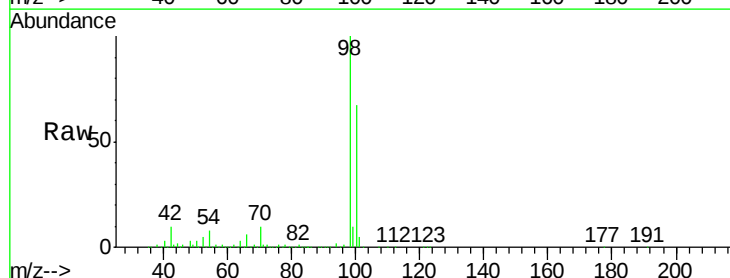
Acq: 20 Sep 2019 21:00

Tgt Ion: 98 Resp: 585171

Ion Ratio Lower Upper

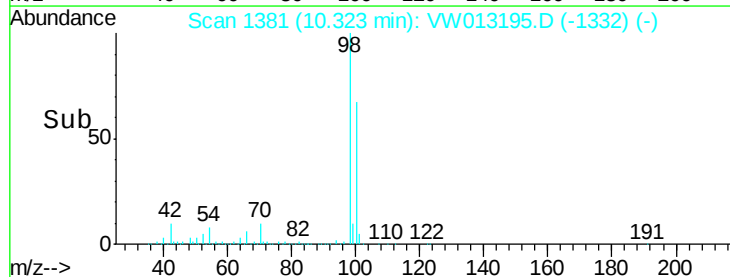
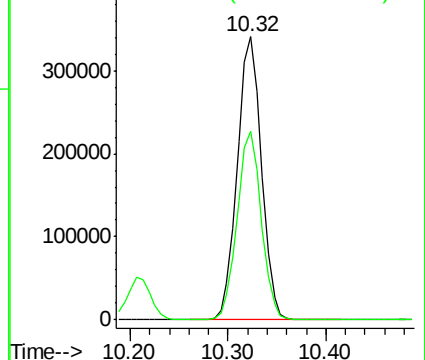
98 100

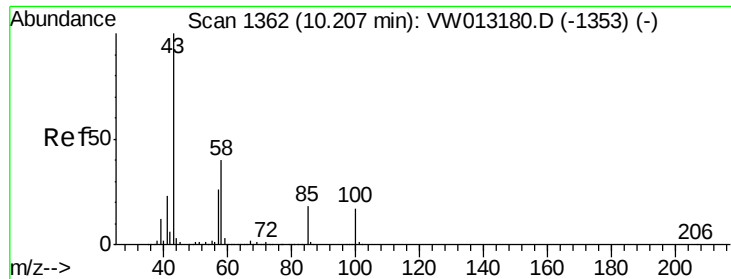
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 251.265 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

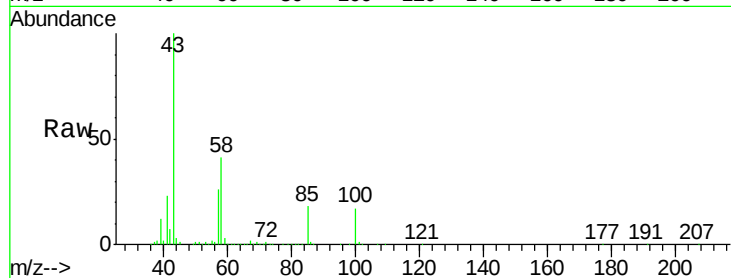
ClientSampleId :

Tot Ion: 43 Resp: 519062

Ion Ratio Lower Upper

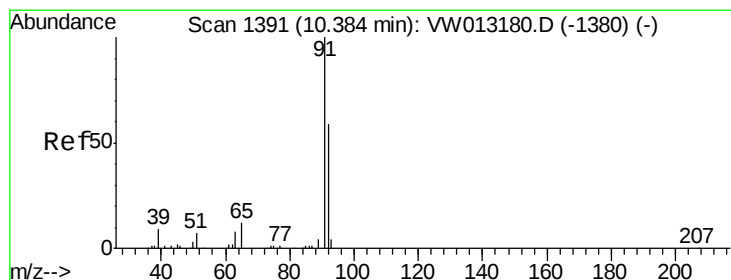
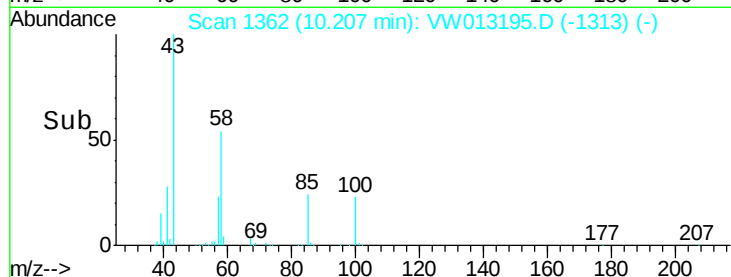
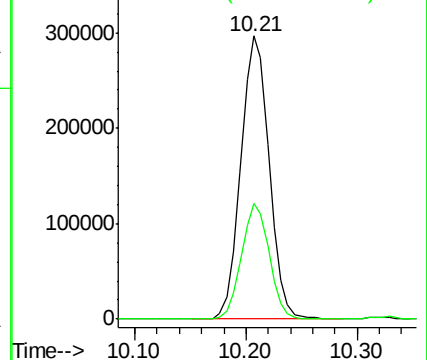
43 100

58 40.2 31.7 47.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 49.140 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013195.D

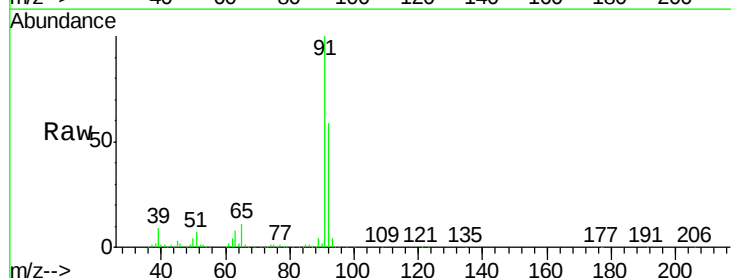
Acq: 20 Sep 2019 21:00

Tgt Ion: 92 Resp: 444389

Ion Ratio Lower Upper

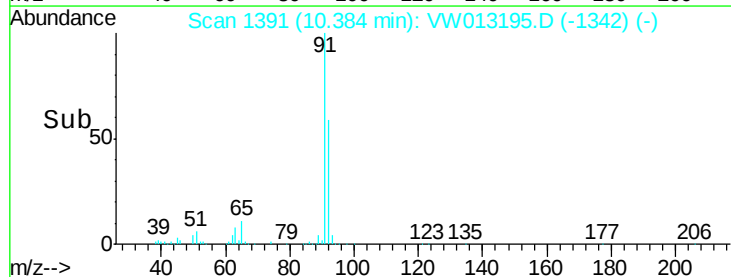
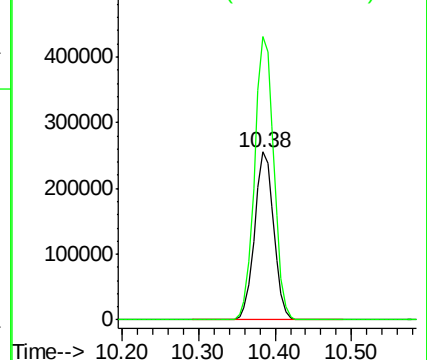
92 100

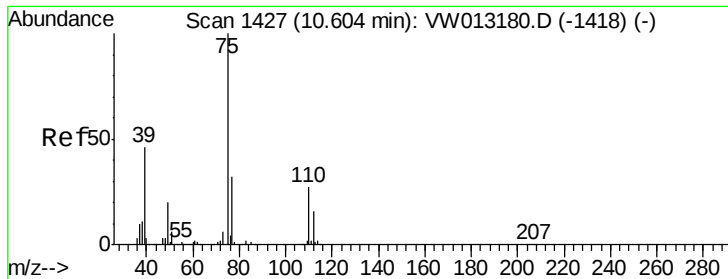
91 169.8 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 50.104 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

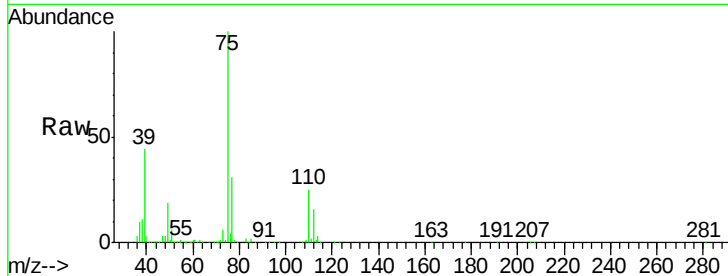
ClientSampled :

Tot Ion: 75 Resp: 219077

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

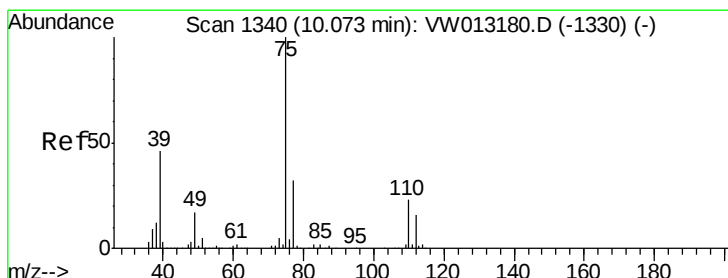
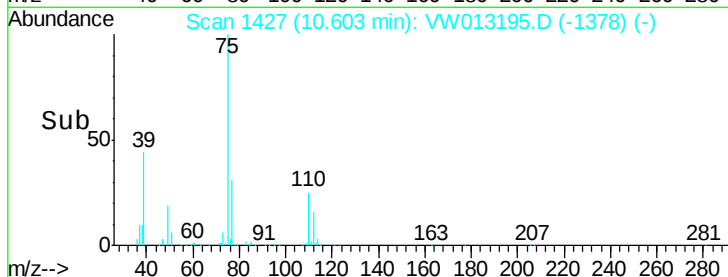
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 49.713 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

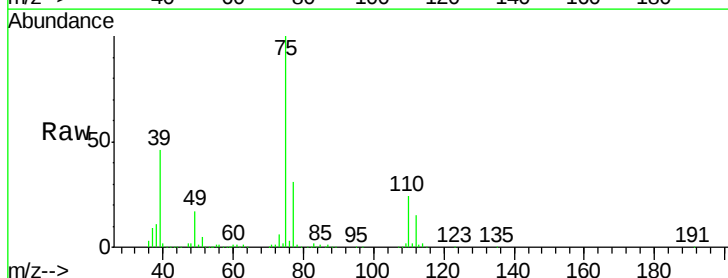
Tgt Ion: 75 Resp: 264291

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 45.5 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

200000

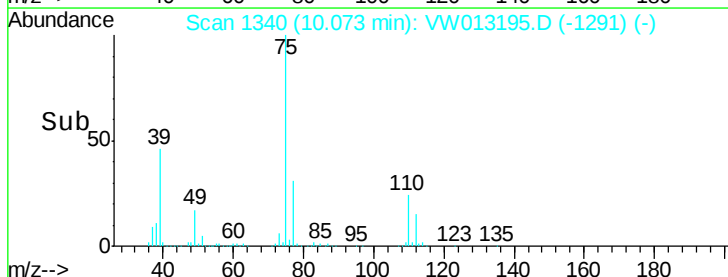
150000

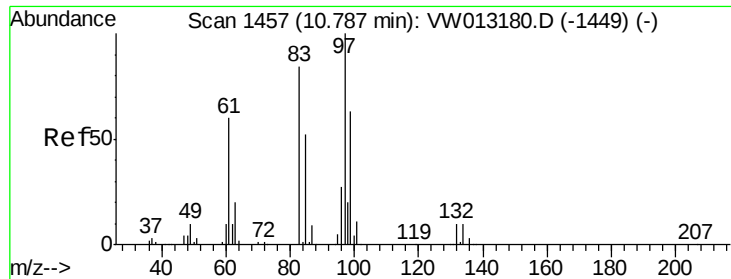
100000

50000

0

Time--> 10.00 10.10 10.20

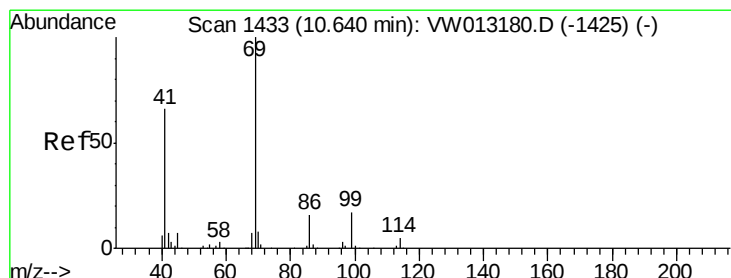
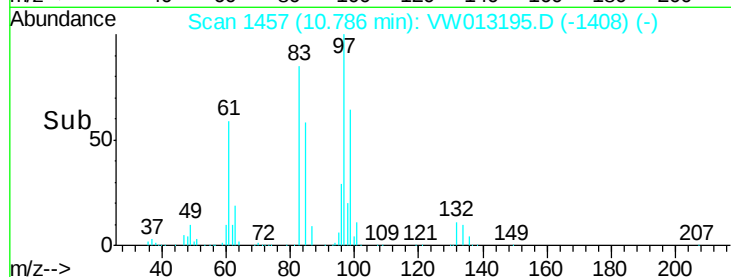
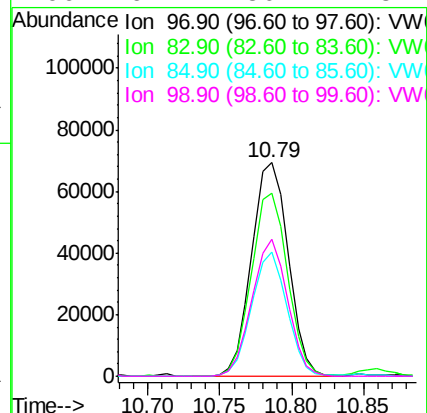
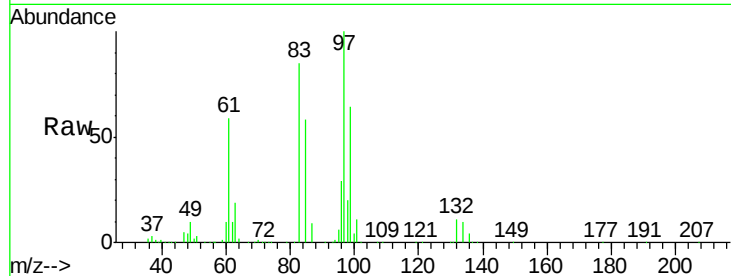




#55
 1,1,2-Trichloroethane
 Concen: 48.882 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

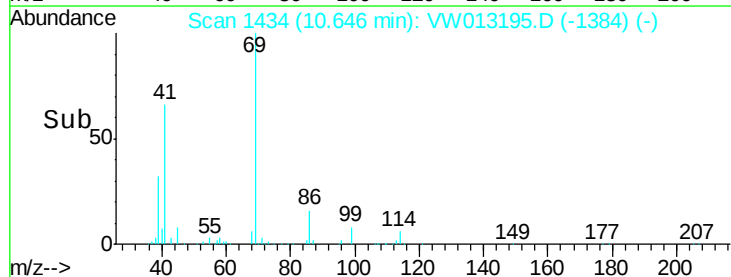
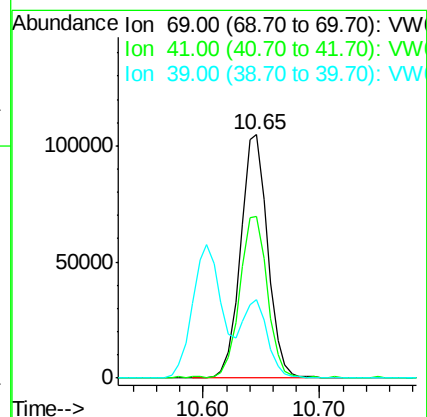
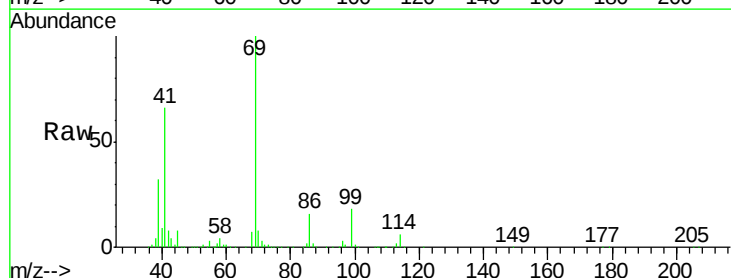
Instrument :
 MSVOA_W
 ClientSampled :

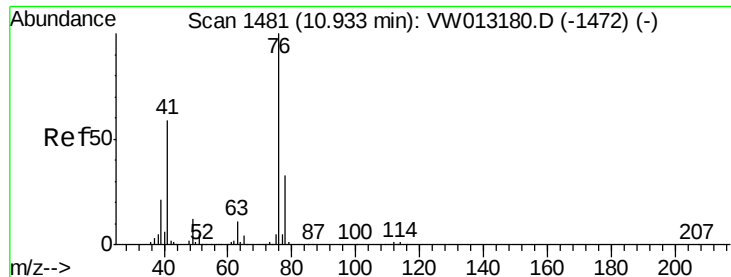
Tot Ion:	97	Resp:	122200
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.6	101.4
85	58.2	41.9	62.9
99	64.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 52.050 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

Tgt Ion:	69	Resp:	170291
Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.9	80.9
39	28.9	23.8	35.6

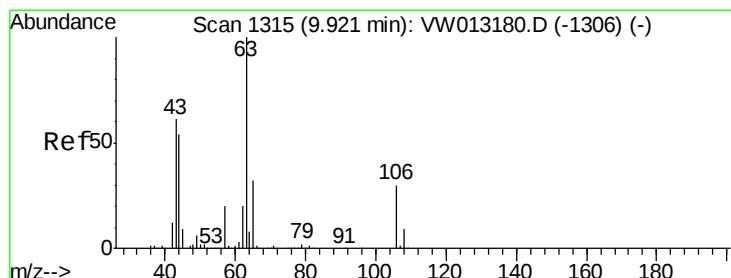
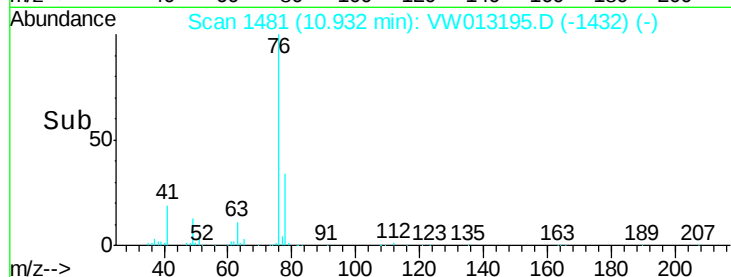
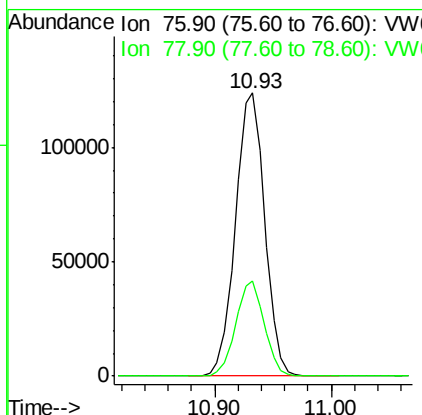
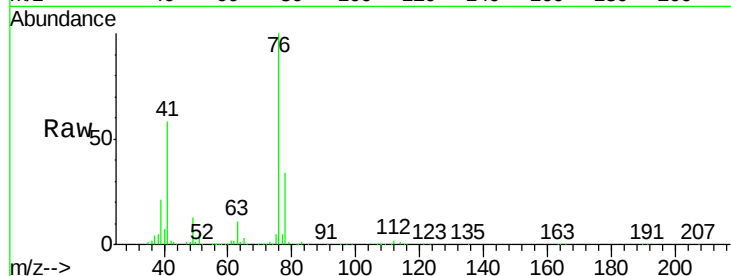




#57
 1,3-Dichloropropane
 Concen: 49.682 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

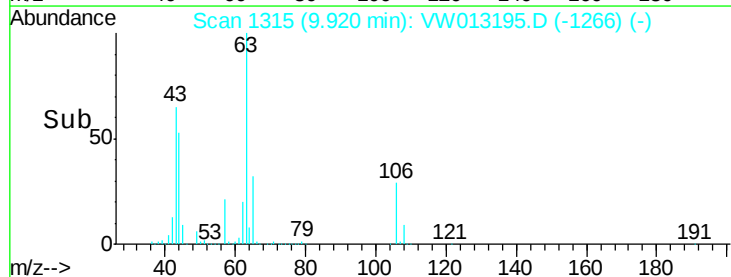
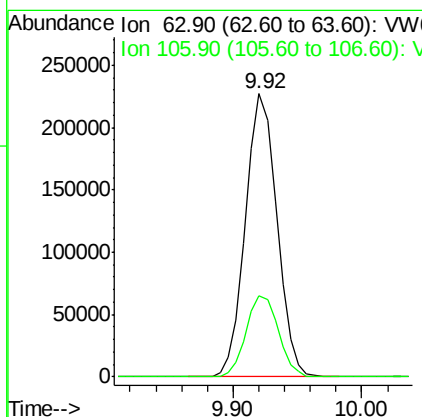
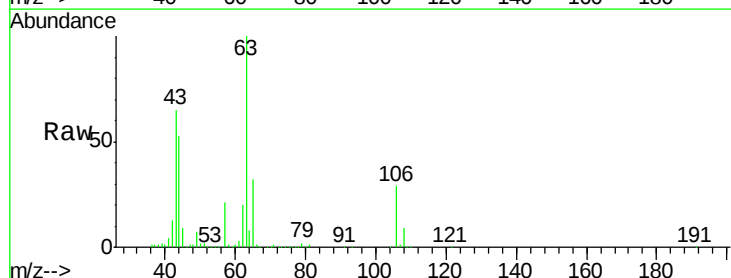
Instrument :
 MSVOA_W
 ClientSampled :

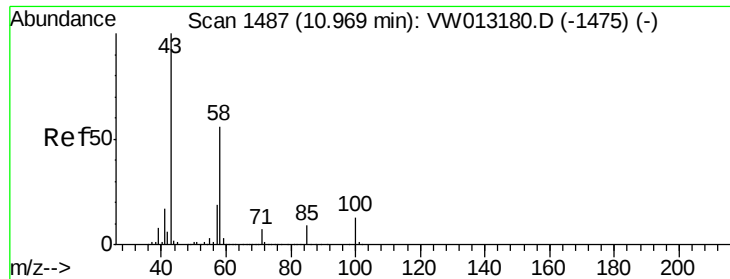
Tot Ion: 76 Resp: 216734
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.507 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

Tgt Ion: 63 Resp: 383966
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.4 35.0

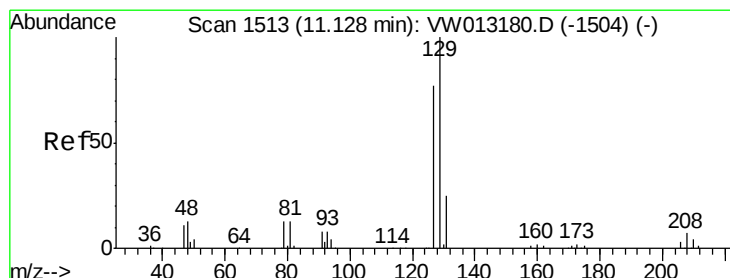
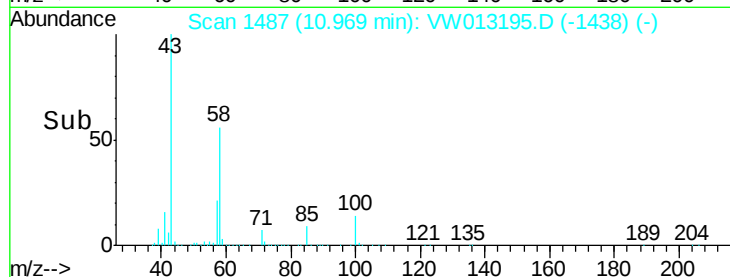
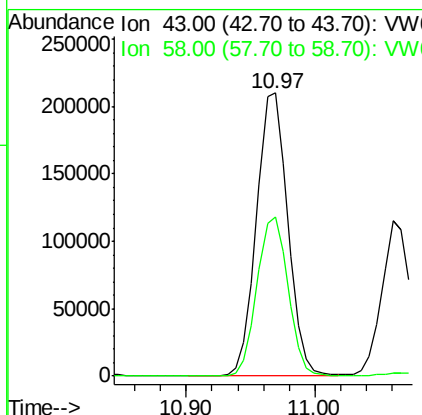
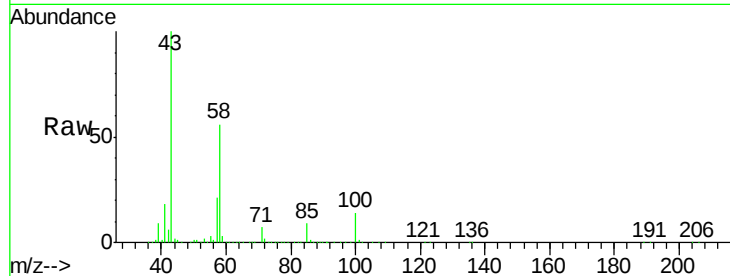




#59
2-Hexanone
Concen: 248.236 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

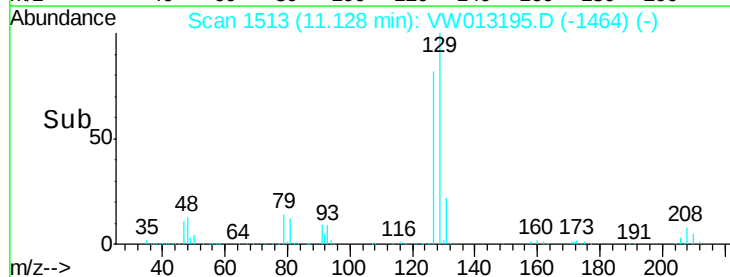
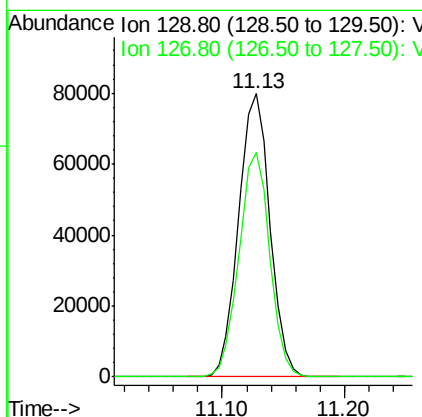
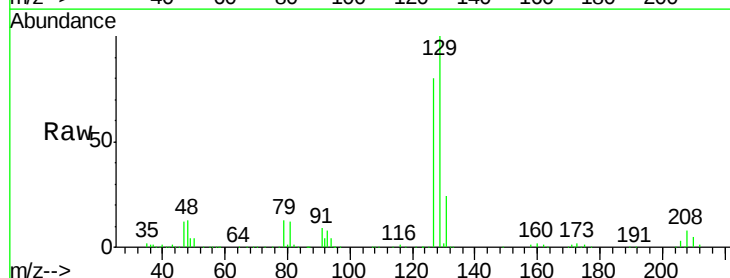
Instrument :
MSVOA_W
ClientSampleId :

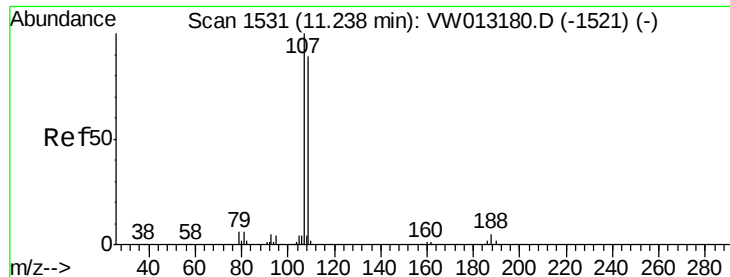
Tot Ion: 43 Resp: 352808
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.2



#60
Dibromochloromethane
Concen: 49.947 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion: 129 Resp: 141780
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4

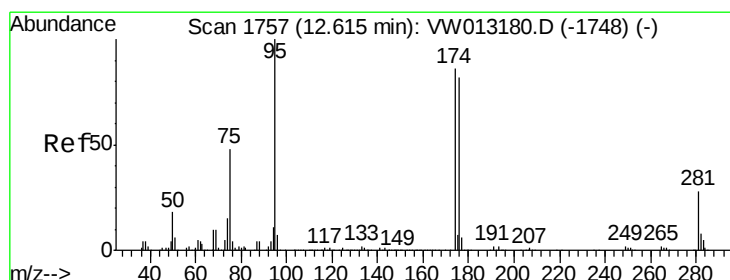
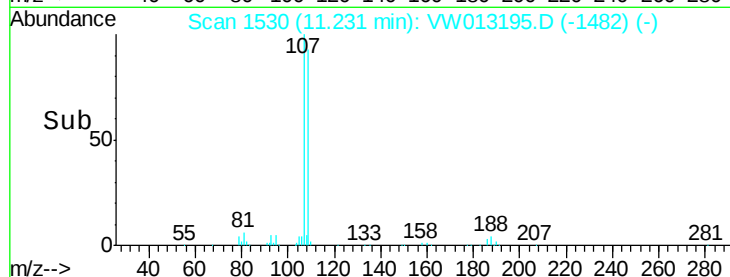
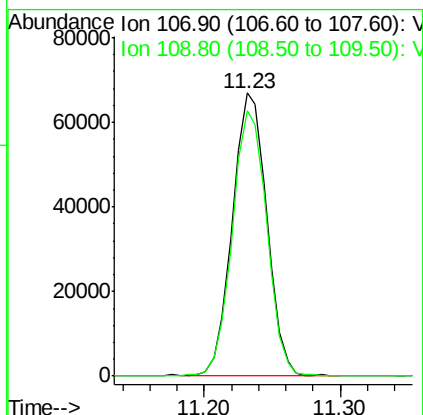
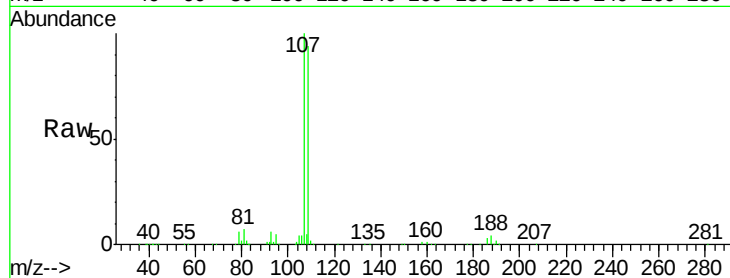




#61
 1,2-Dibromoethane
 Concen: 49.366 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

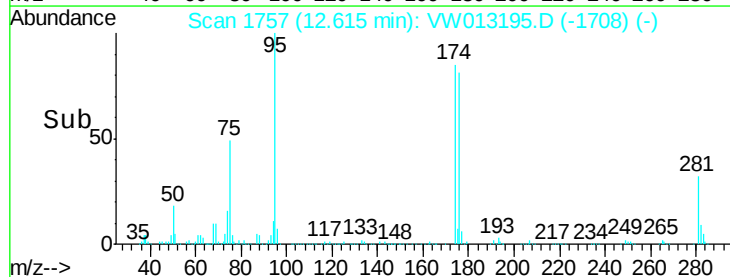
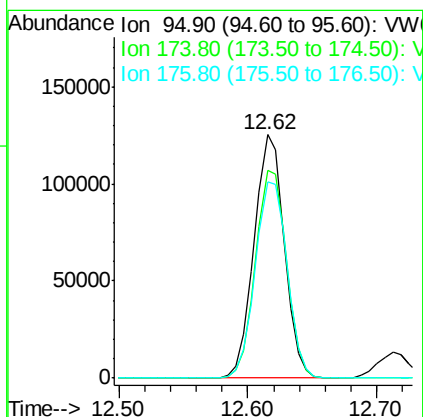
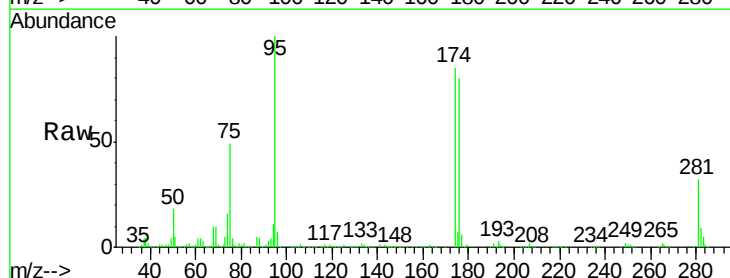
Instrument :
 MSVOA_W
 ClientSampleId :

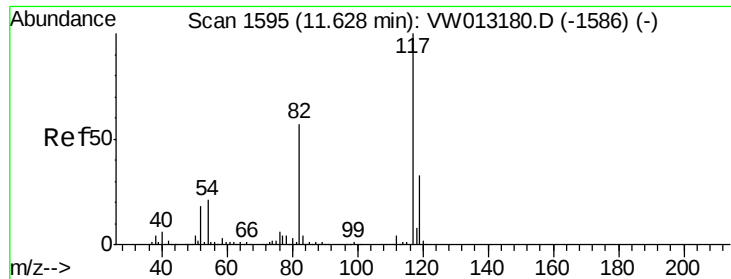
Tot Ion:107 Resp: 117337
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 49.132 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

Tgt Ion: 95 Resp: 201771
 Ion Ratio Lower Upper
 95 100
 174 88.1 0.0 178.4
 176 85.6 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

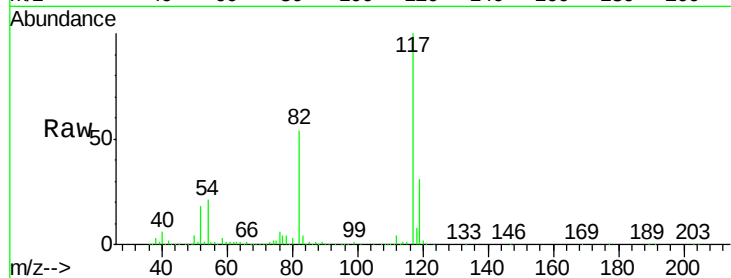
Tot Ion:117 Resp: 455735

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

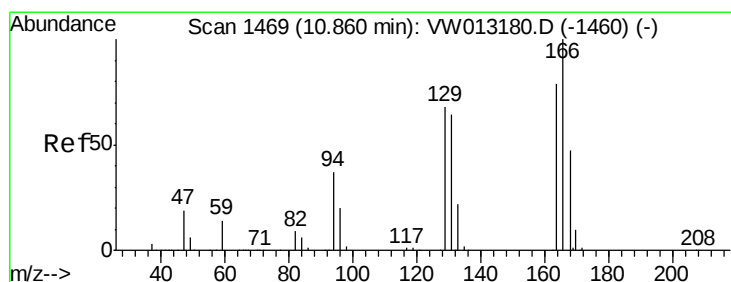
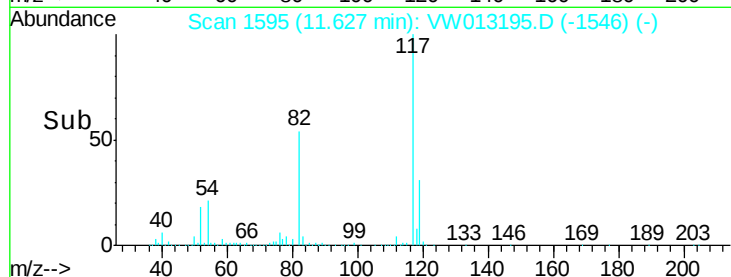
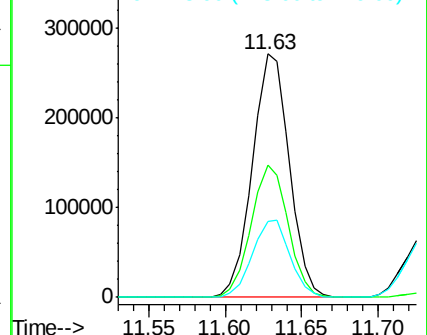
119 31.0 26.2 39.2



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: 49.300 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Tgt Ion:164 Resp: 170470

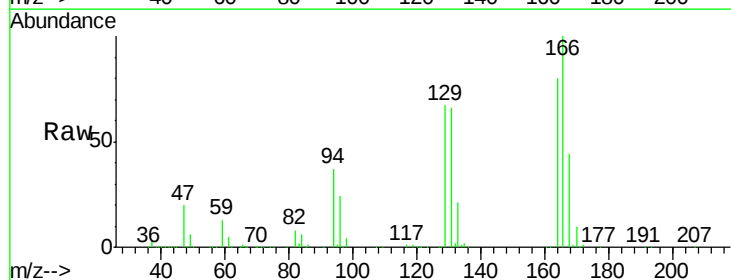
Ion Ratio Lower Upper

164 100

166 125.6 101.2 151.8

129 83.8 68.8 103.2

131 83.2 65.2 97.8

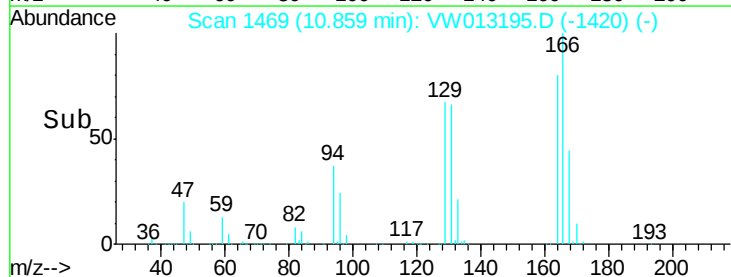
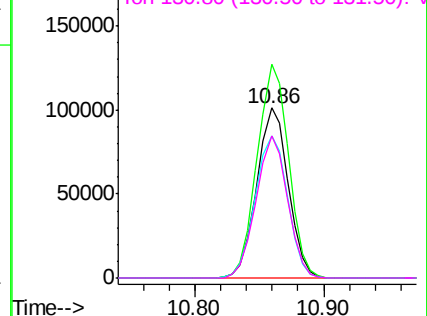


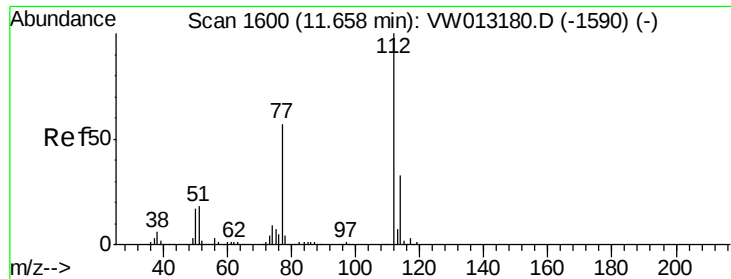
Abundance Ion 163.80 (163.50 to 164.50): V

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

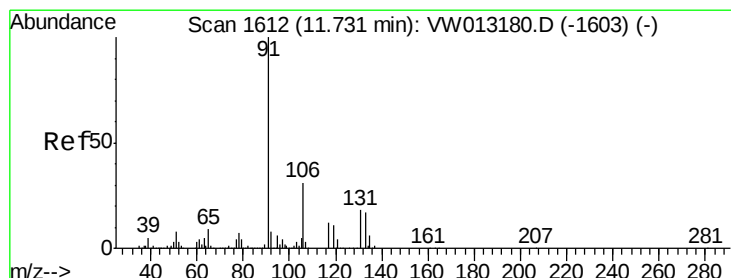
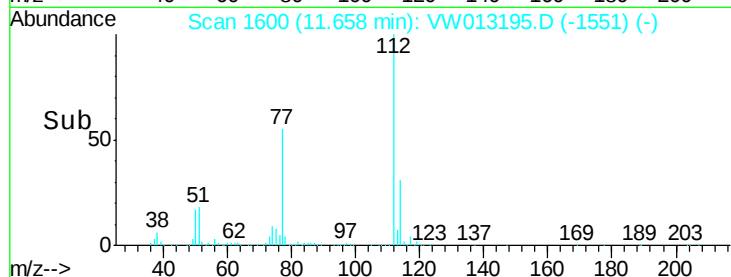
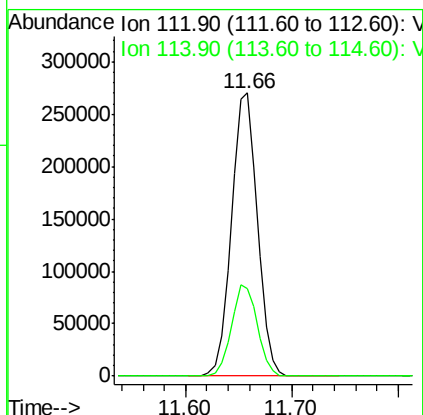
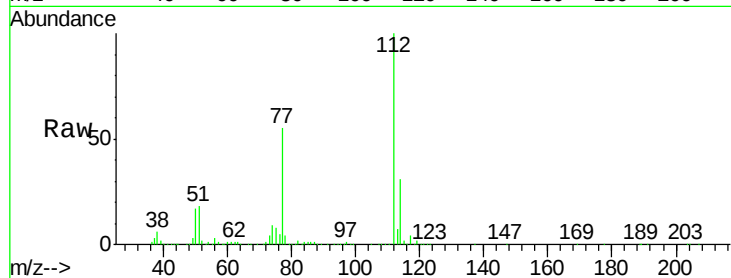




#65
Chlorobenzene
Concen: 48.436 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

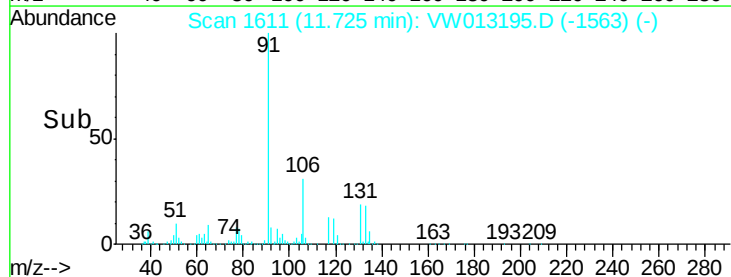
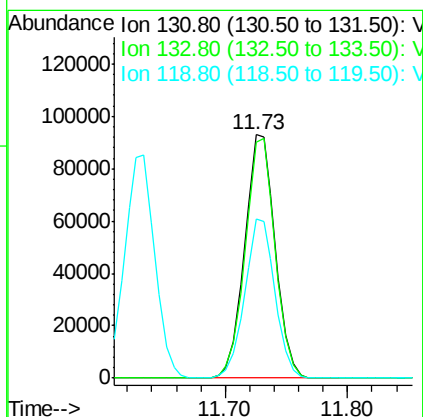
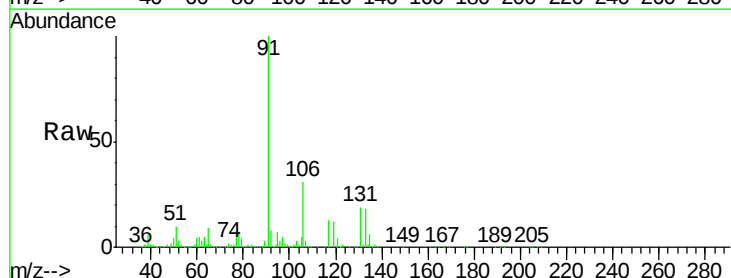
Instrument :
MSVOA_W
ClientSampleId :

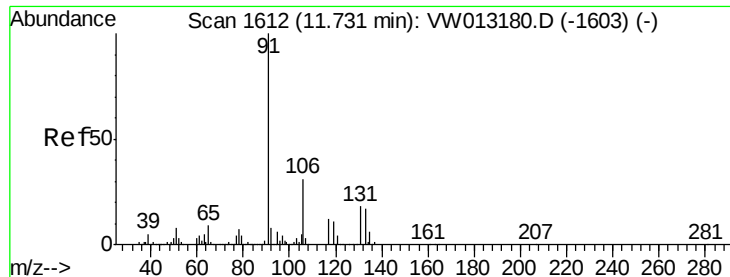
Tot Ion:112 Resp: 460953
Ion Ratio Lower Upper
112 100
114 31.1 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.270 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion:131 Resp: 160185
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.6
119 65.0 32.5 97.5

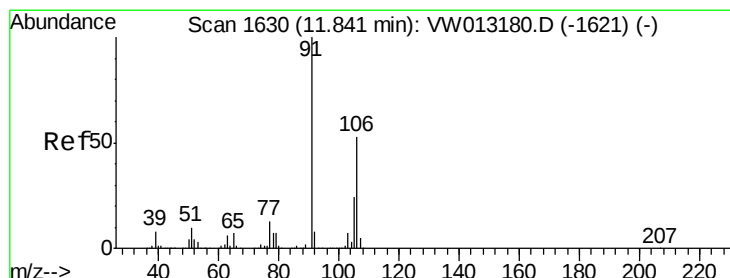
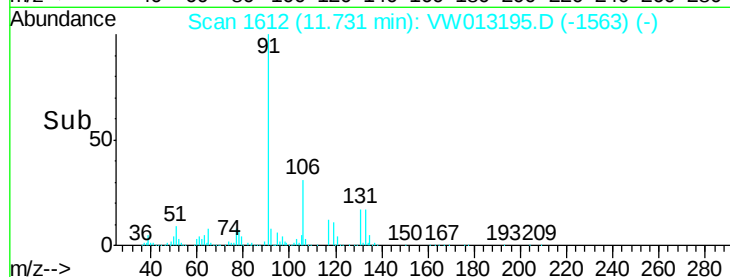
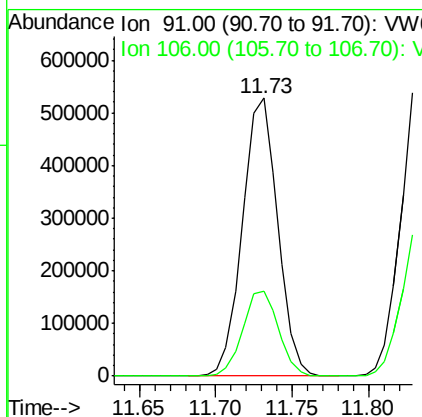
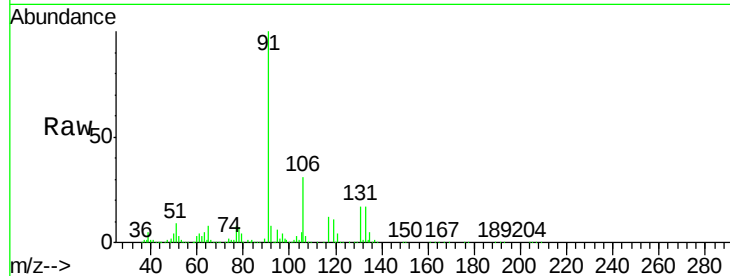




#67
Ethyl Benzene
Concen: 49.009 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

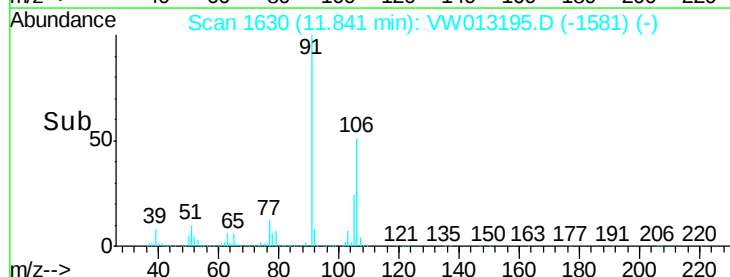
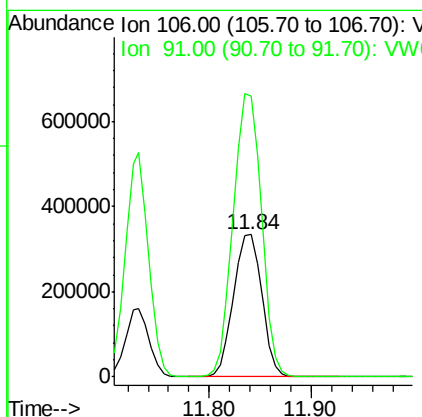
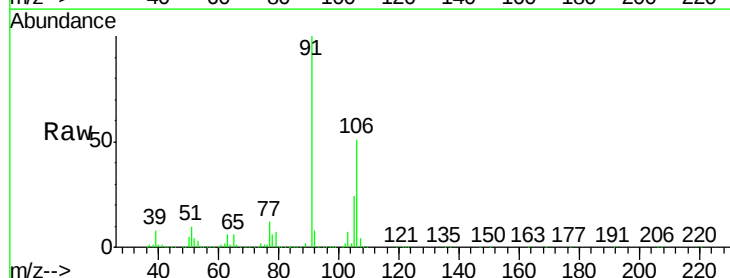
Instrument :
MSVOA_W
ClientSampled :

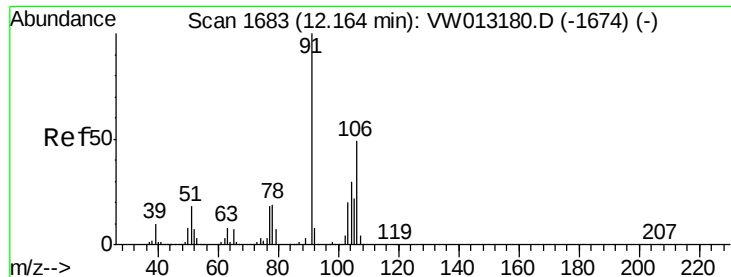
Tot Ion: 91 Resp: 845063
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#68
m/p-Xylenes
Concen: 97.719 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion: 106 Resp: 642084
Ion Ratio Lower Upper
106 100
91 198.9 157.9 236.9

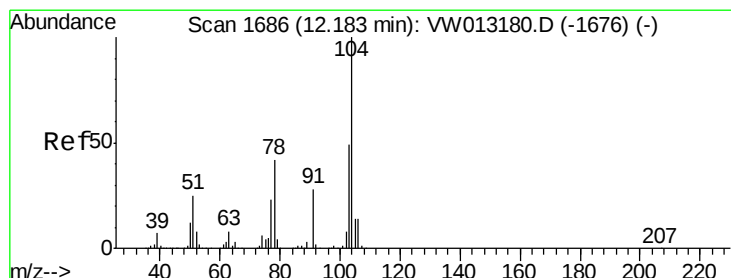
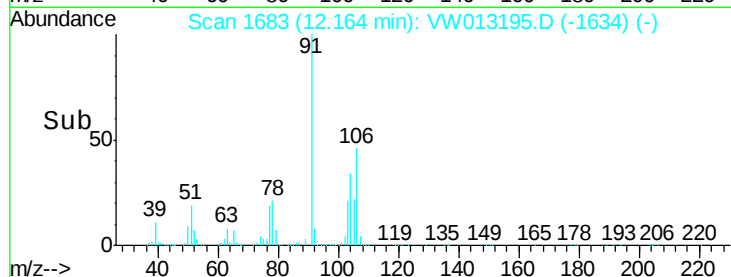
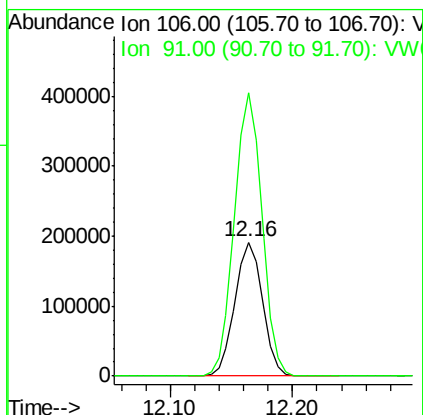
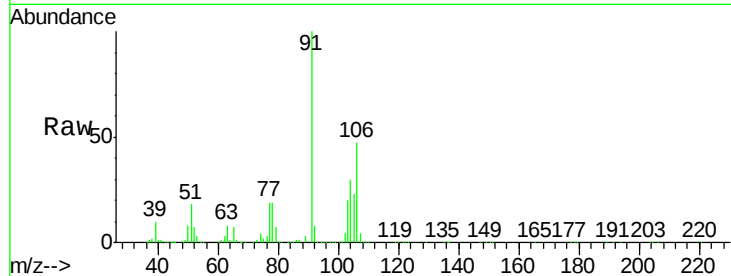




#69
o-Xylene
Concen: 48.765 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

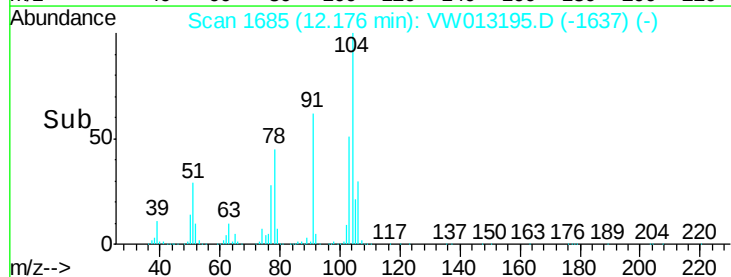
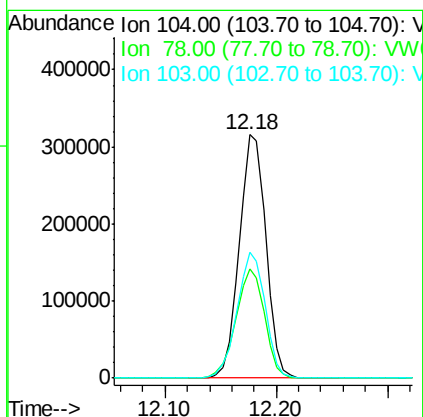
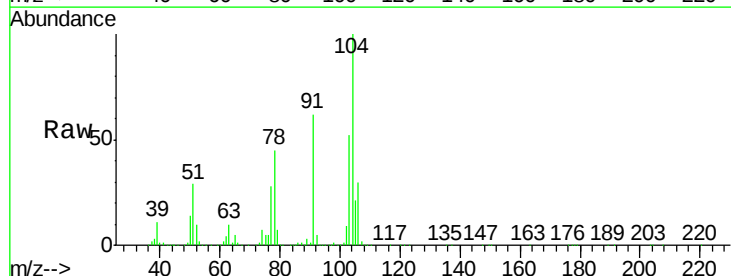
Instrument :
MSVOA_W
ClientSampled :

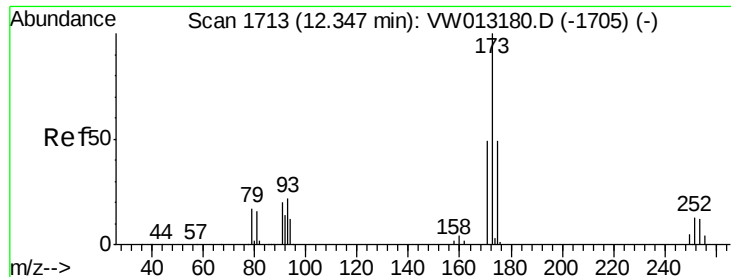
Tot Ion:106 Resp: 297901
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.5



#70
Styrene
Concen: 49.910 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion:104 Resp: 523448
Ion Ratio Lower Upper
104 100
78 48.0 38.4 57.6
103 54.4 43.3 64.9

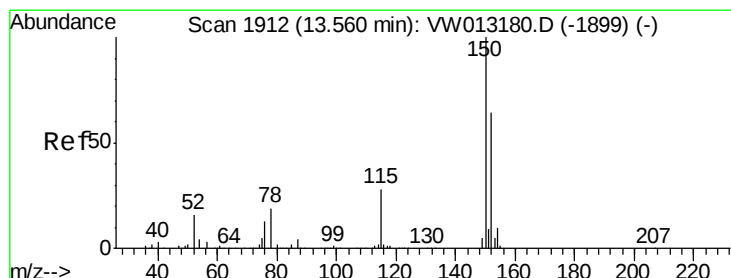
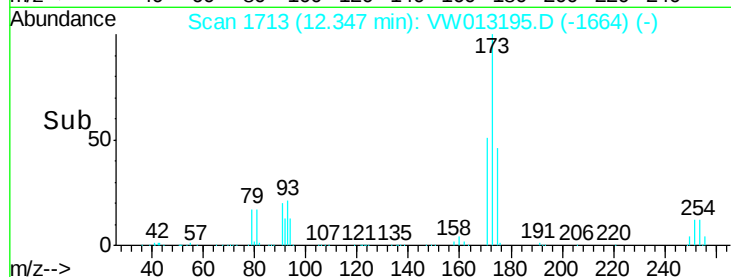
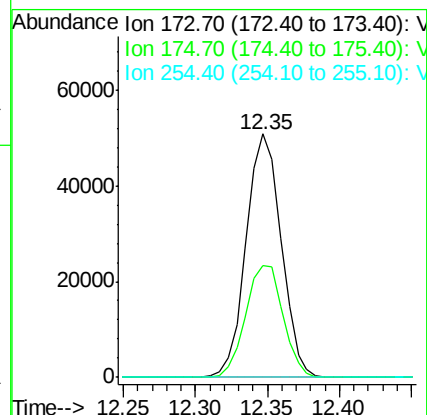
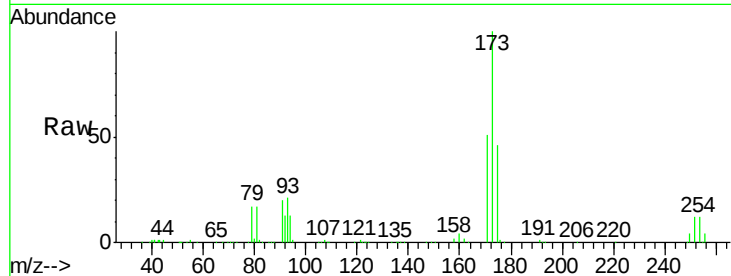




#71
Bromoform
Concen: 49.789 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

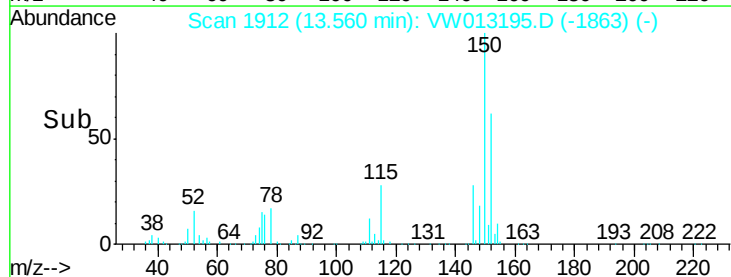
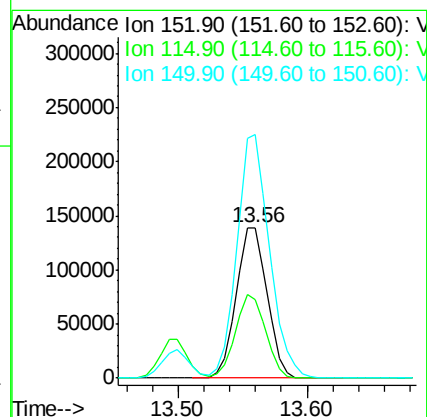
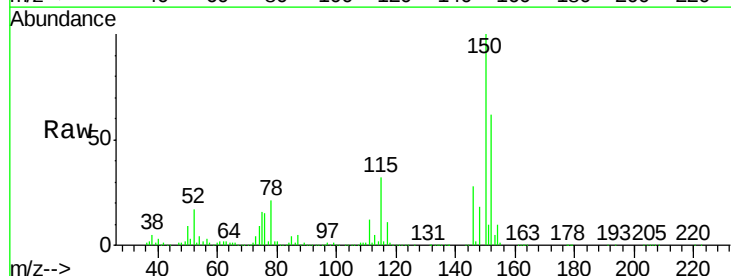
Instrument :
MSVOA_W
ClientSampleId :

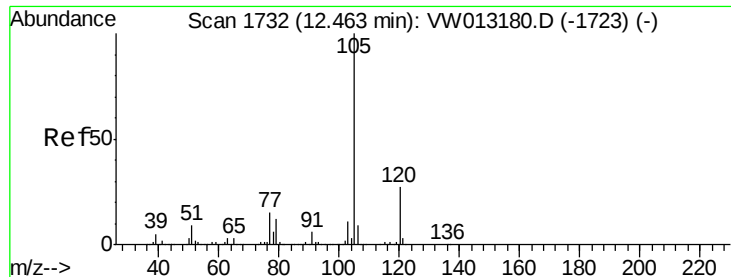
Tot Ion:173 Resp: 85518
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion:152 Resp: 231901
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 169.8 0.0 349.0





#73

Isopropylbenzene

Concen: 48.234 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

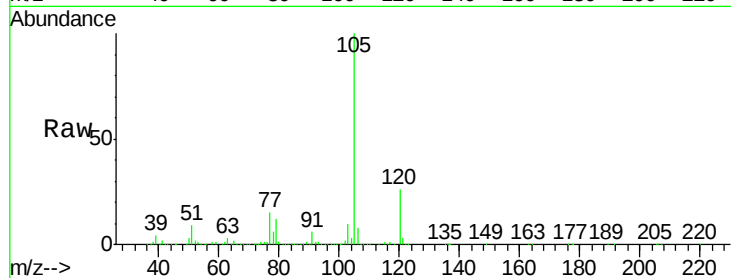
ClientSampleId :

Tot Ion:105 Resp: 826284

Ion Ratio Lower Upper

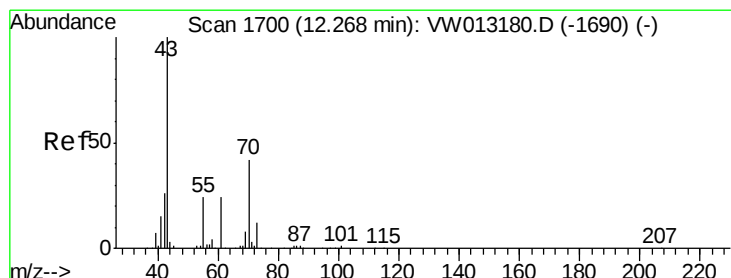
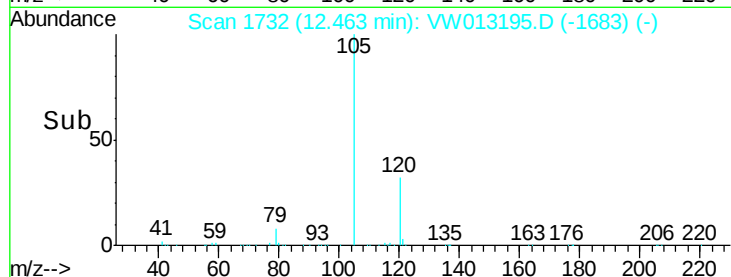
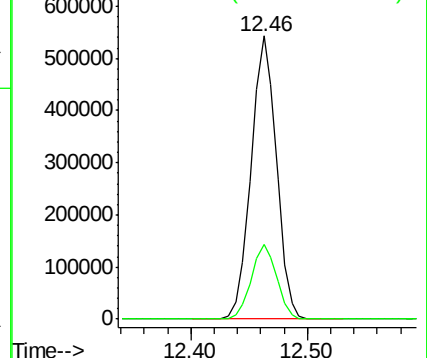
105 100

120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.108 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Tgt Ion: 43 Resp: 186676

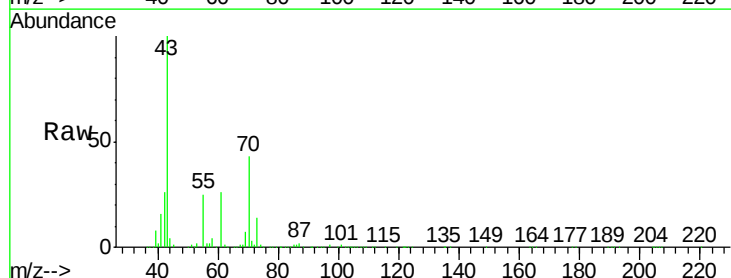
Ion Ratio Lower Upper

43 100

70 44.2 35.1 52.7

55 25.5 19.9 29.9

61 25.5 19.5 29.3

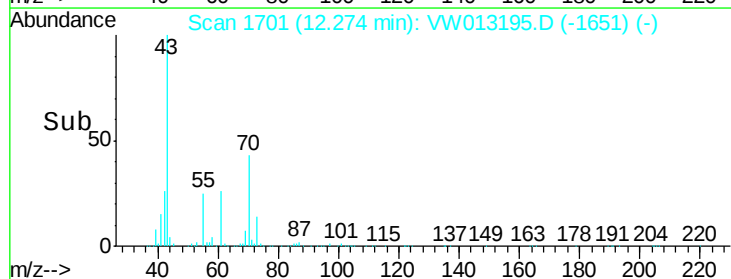
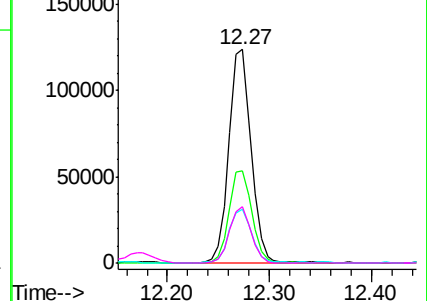


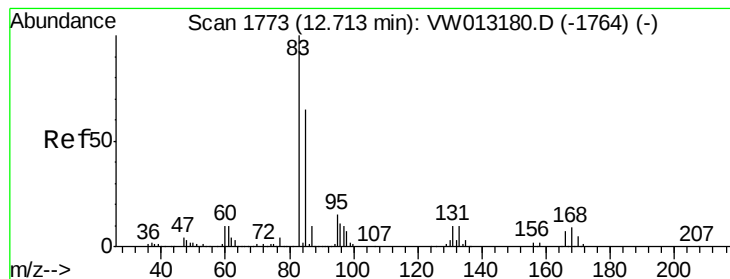
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 48.235 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampled :

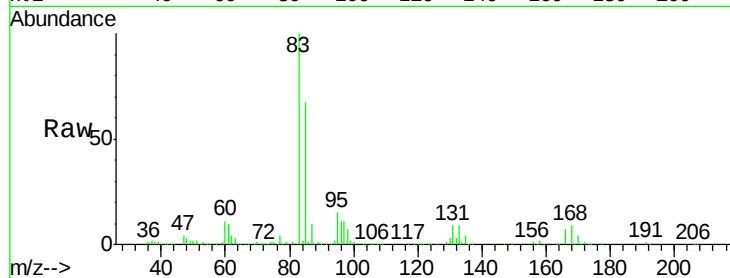
Tot Ion: 83 Resp: 138191

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

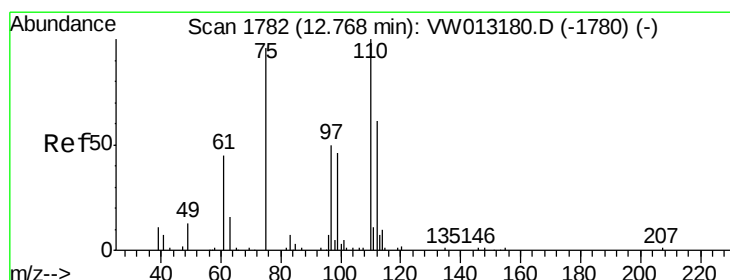
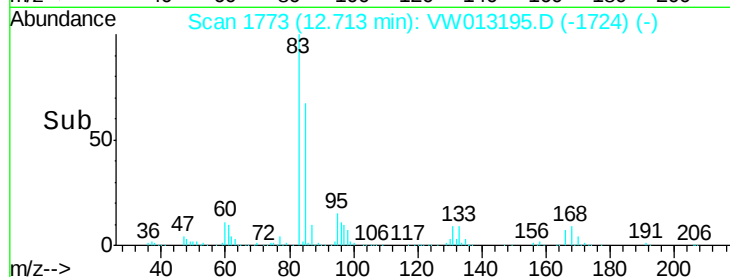
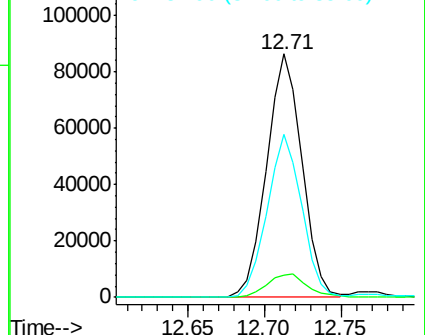
85 66.1 31.9 95.9



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: 87.620 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013195.D

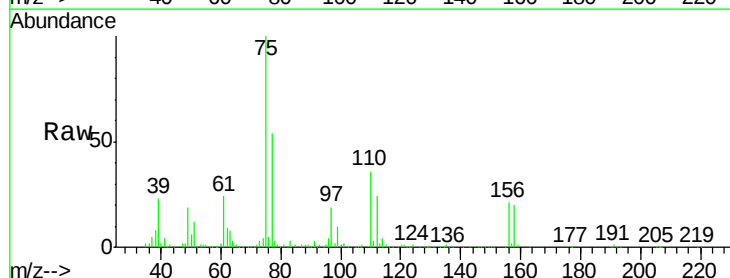
Acq: 20 Sep 2019 21:00

Tgt Ion: 75 Resp: 179444

Ion Ratio Lower Upper

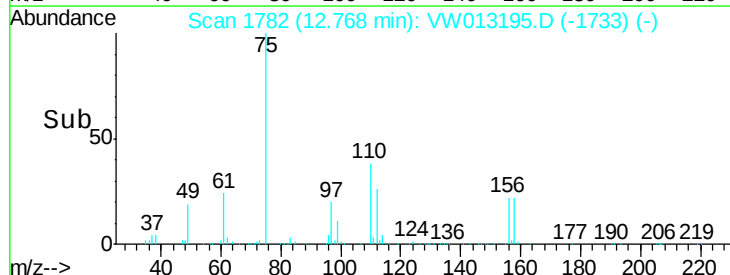
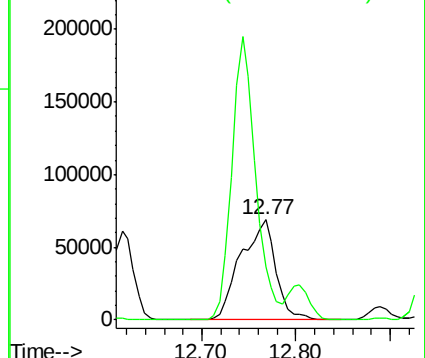
75 100

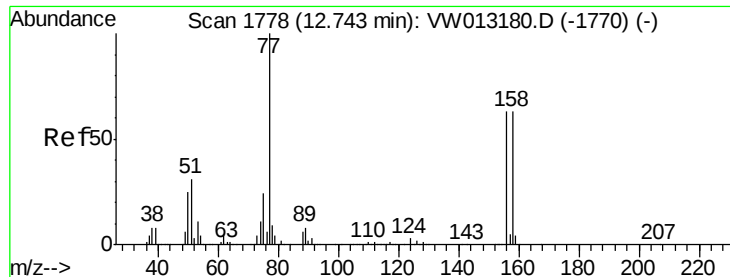
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.312 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampled :

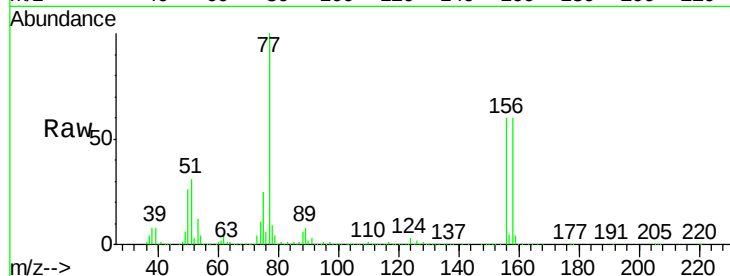
Tot Ion:156 Resp: 196122

Ion Ratio Lower Upper

156 100

77 175.8 85.7 257.1

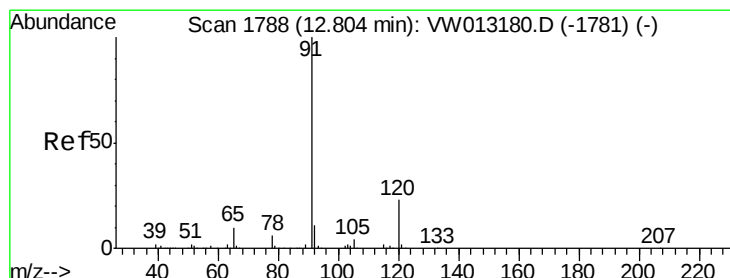
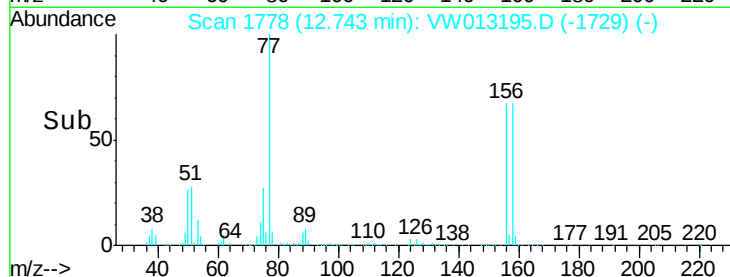
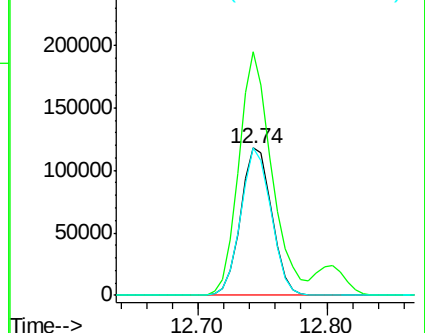
158 97.4 48.1 144.4



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: 48.228 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013195.D

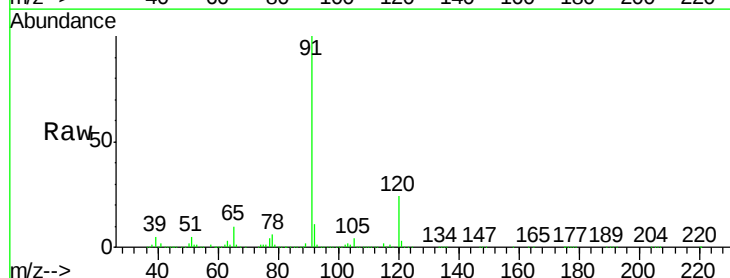
Acq: 20 Sep 2019 21:00

Tgt Ion: 91 Resp: 967069

Ion Ratio Lower Upper

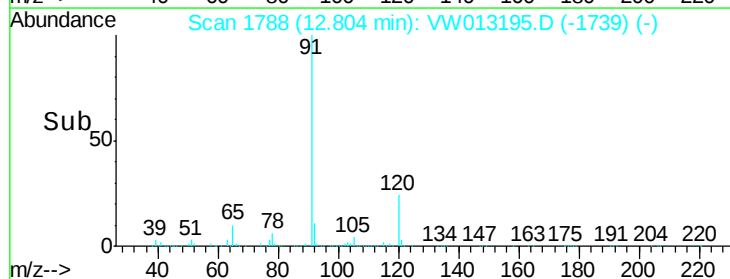
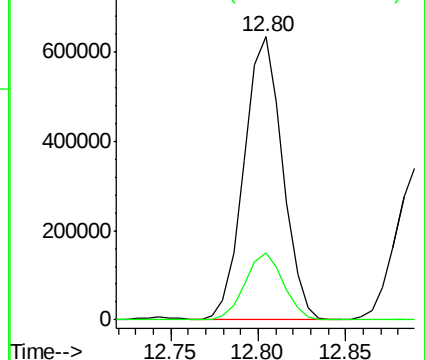
91 100

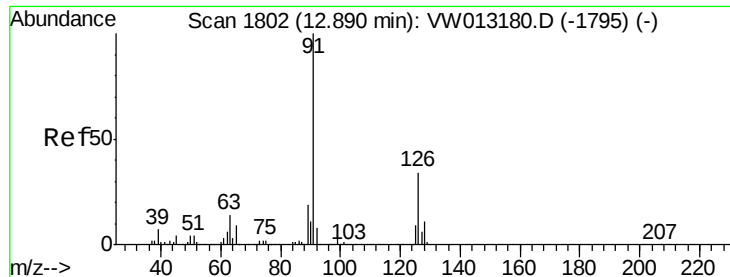
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

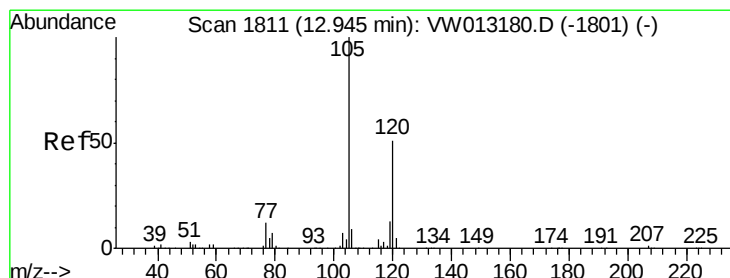
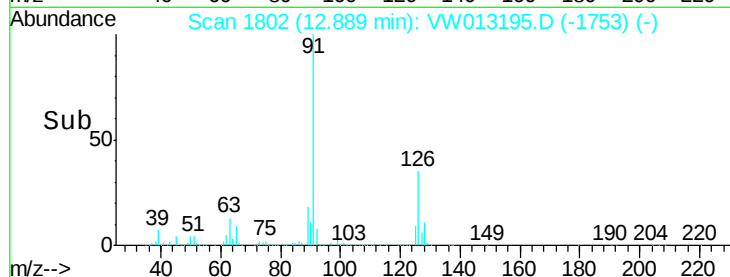
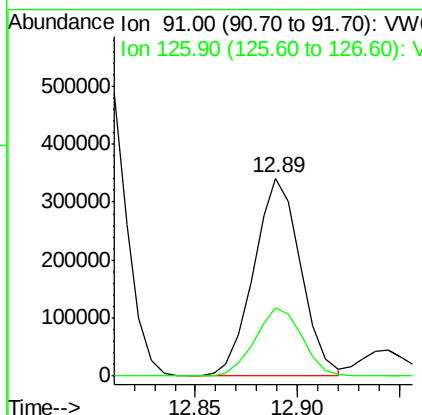
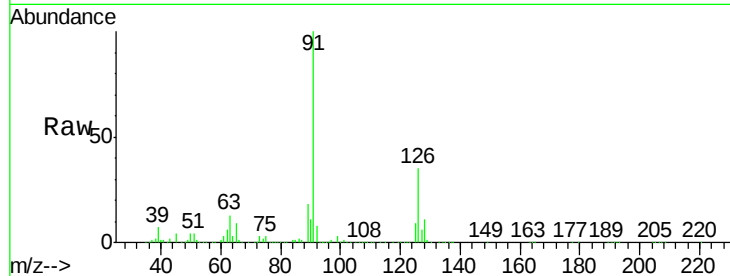




#79
 2-Chlorotoluene
 Concen: 48.447 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

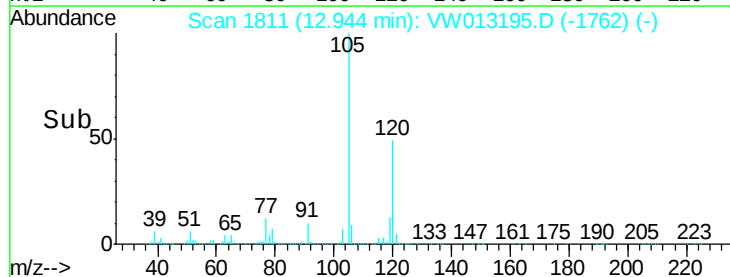
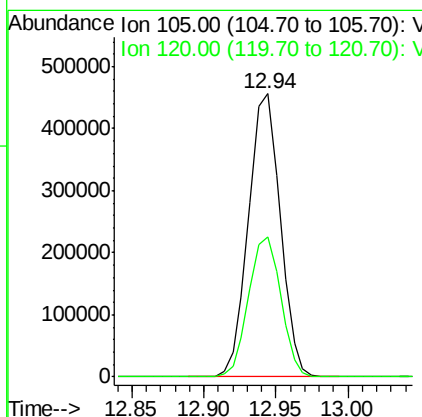
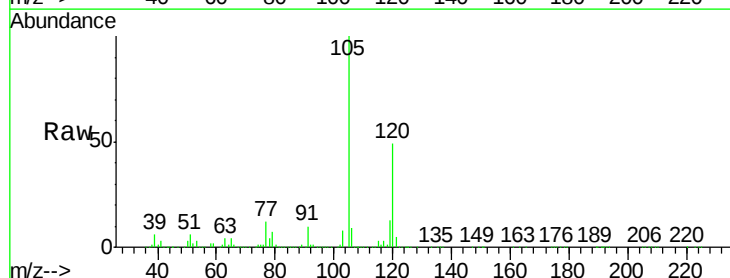
Instrument :
 MSVOA_W
 ClientSampleId :

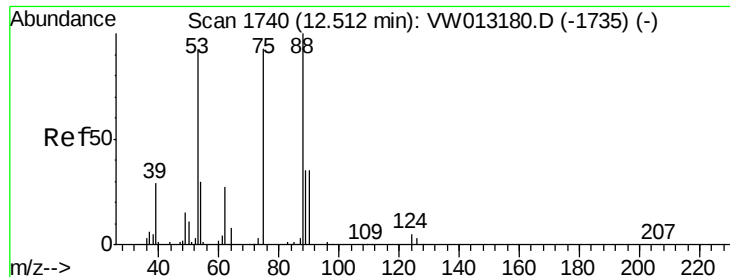
Tot Ion: 91 Resp: 544245
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 48.390 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

Tgt Ion:105 Resp: 696825
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.8

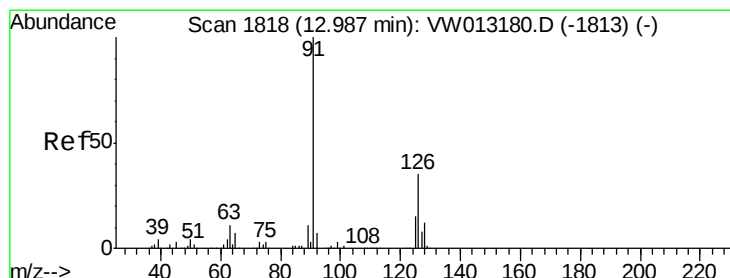
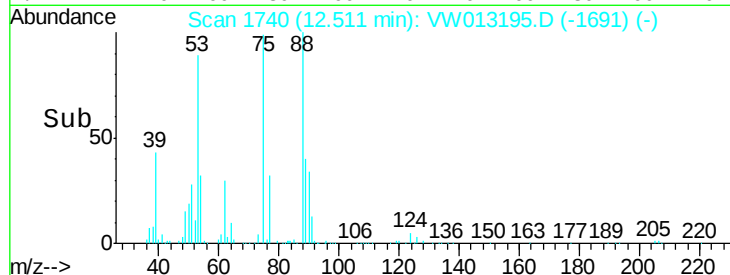
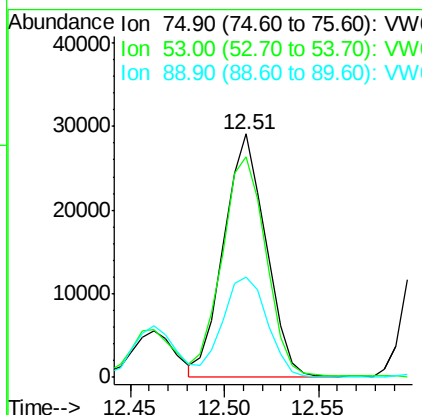
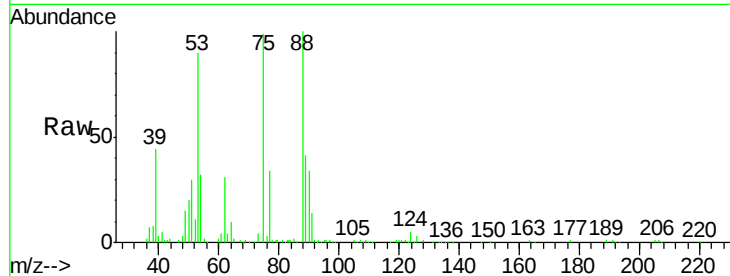




#81
trans-1,4-Dichloro-2-butene
Concen: 49.072 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

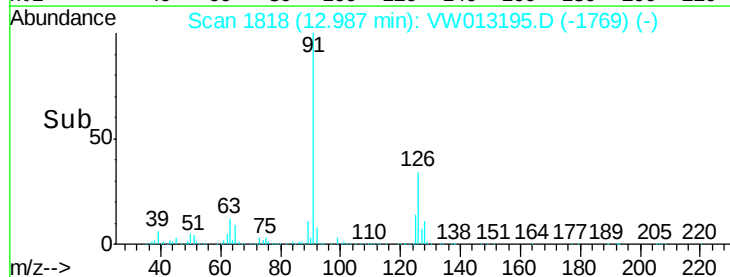
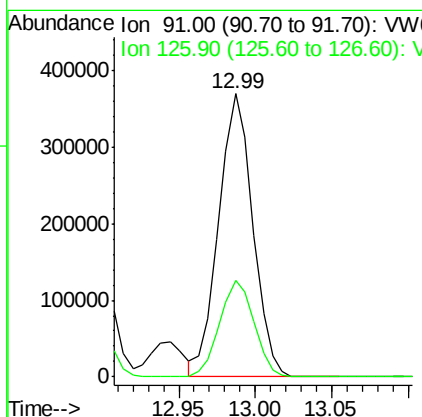
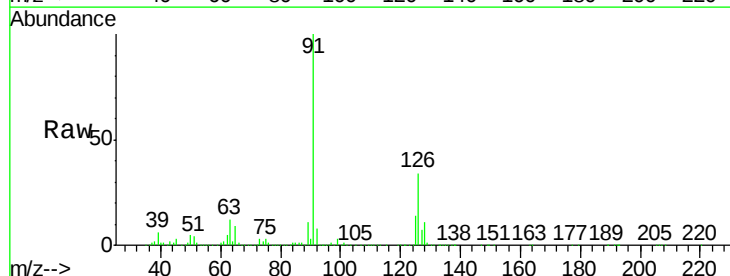
Instrument :
MSVOA_W
ClientSampleId :

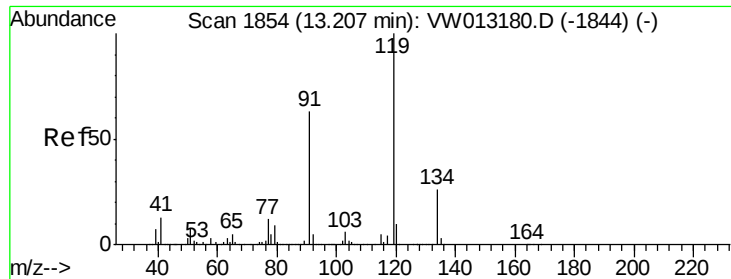
Tot Ion: 75 Resp: 44787
Ion Ratio Lower Upper
75 100
53 94.5 76.6 114.8
89 43.7 33.5 50.3



#82
4-Chlorotoluene
Concen: 48.105 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion: 91 Resp: 569876
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7

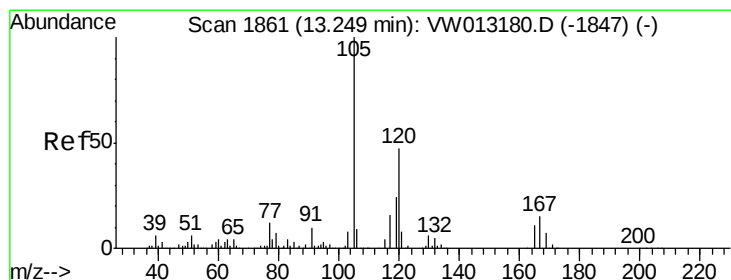
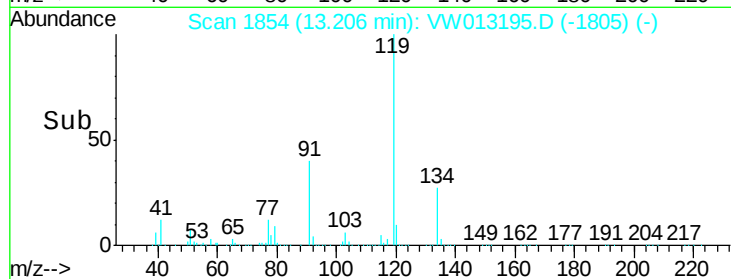
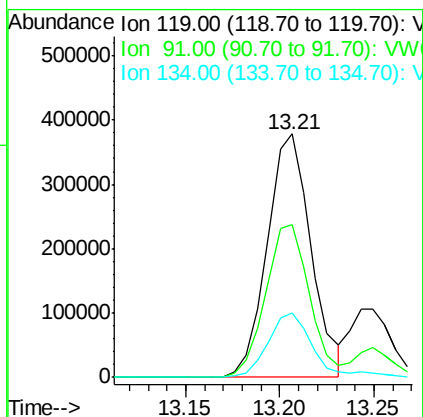
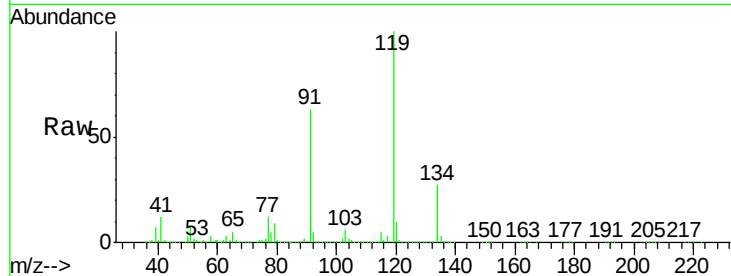




#83
tert-Butylbenzene
Concen: 48.320 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

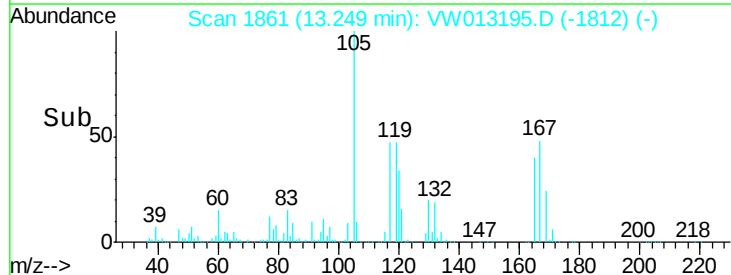
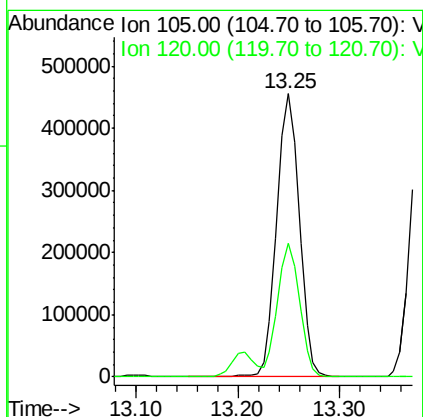
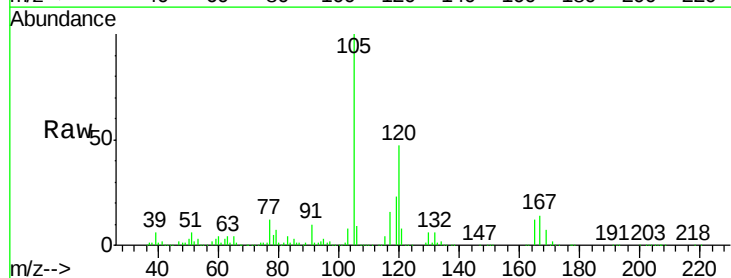
Instrument :
MSVOA_W
ClientSampled :

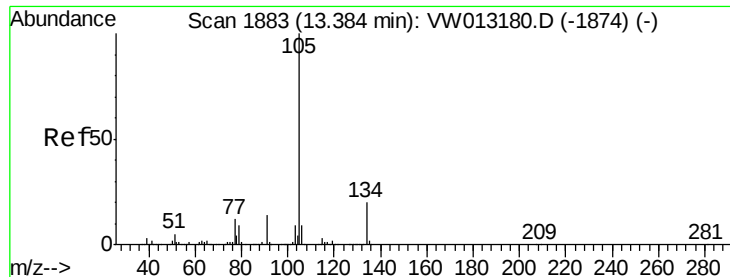
Tot Ion:119 Resp: 610721
Ion Ratio Lower Upper
119 100
91 62.5 30.7 92.1
134 27.3 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 48.705 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion:105 Resp: 697916
Ion Ratio Lower Upper
105 100
120 45.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 48.185 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

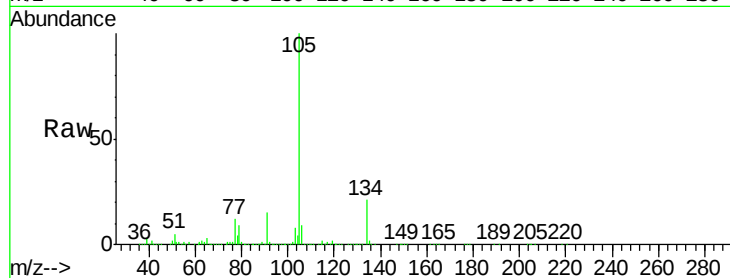
ClientSampleId :

Tot Ion:105 Resp: 839646

Ion Ratio Lower Upper

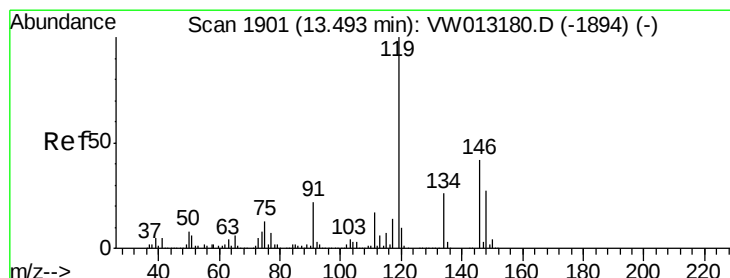
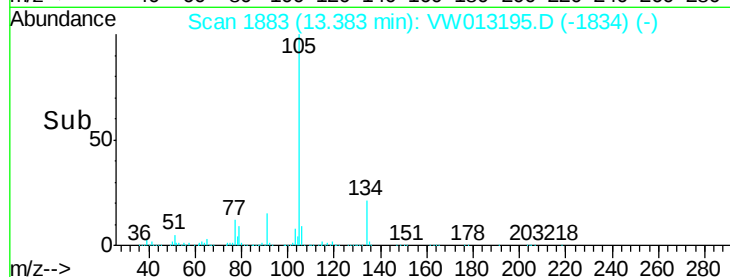
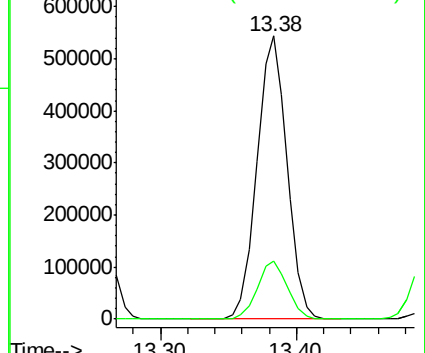
105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.480 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

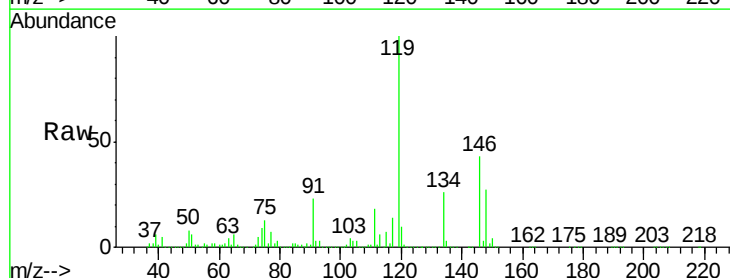
Tgt Ion:119 Resp: 783549

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

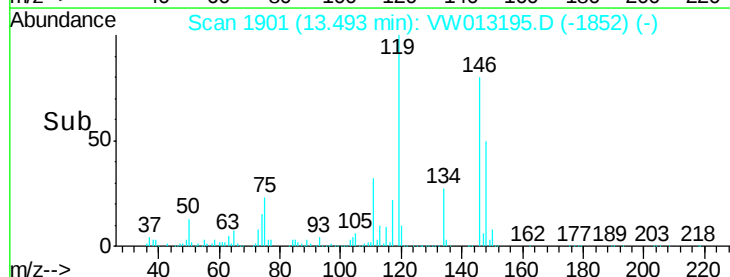
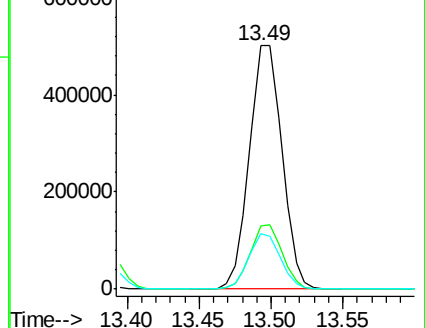
91 21.9 10.8 32.4

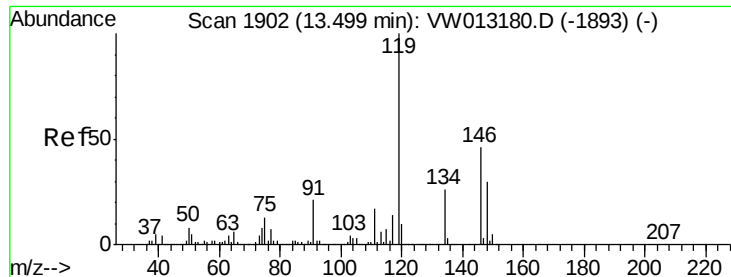


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.024 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013195.D

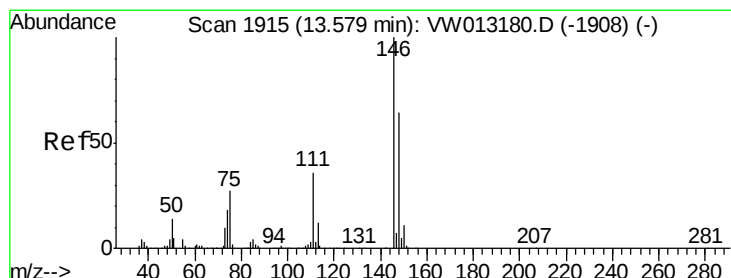
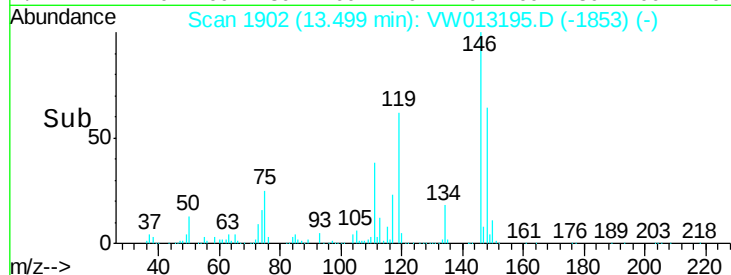
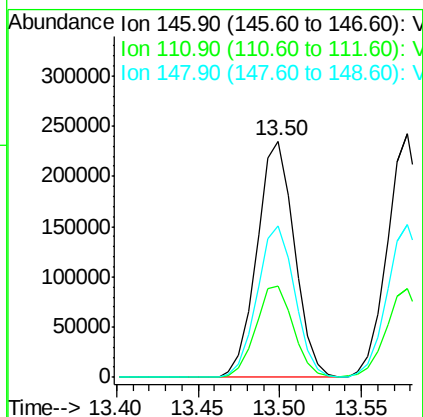
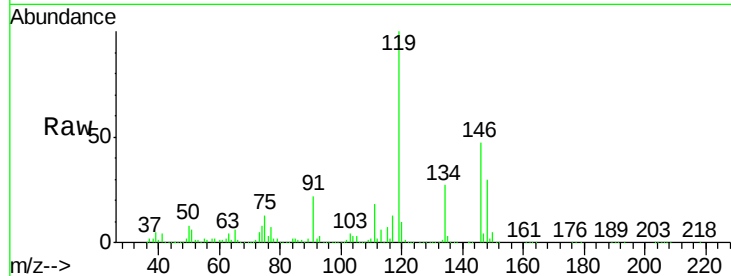
Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	375201
Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	64.2	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 49.078 ug/l

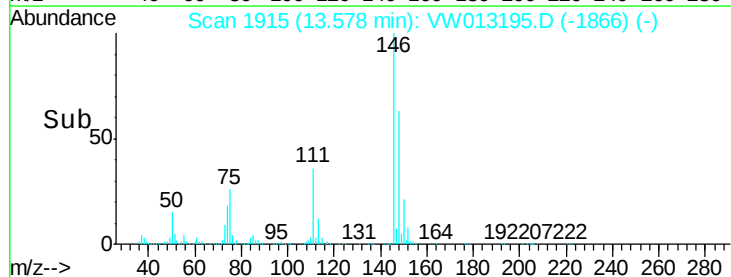
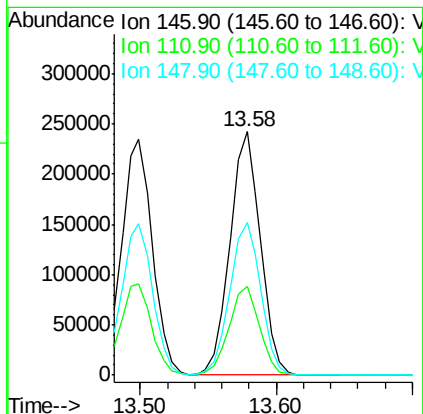
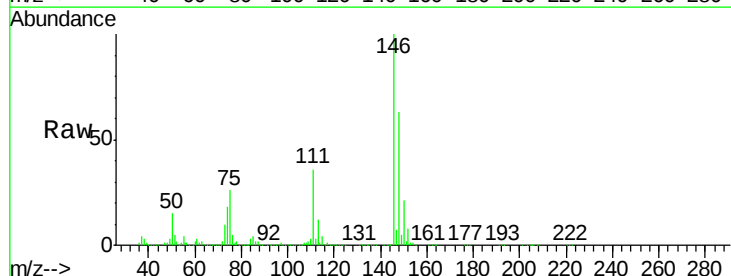
RT: 13.58 min Scan# 1915

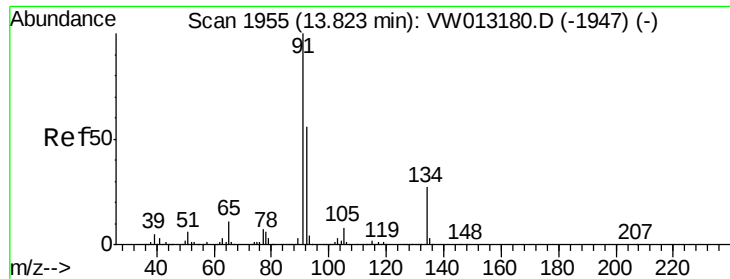
Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Tgt Ion:	146	Resp:	376053
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.0
148	64.0	32.1	96.3





#89

n-Butylbenzene

Concen: 48.489 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

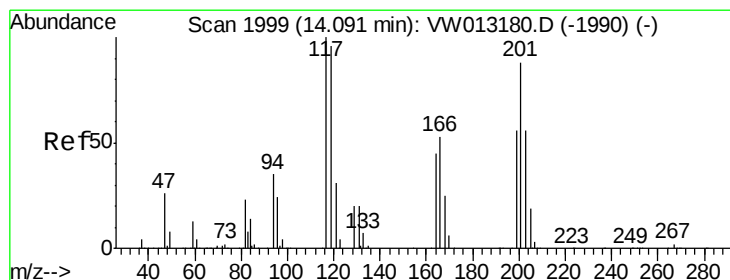
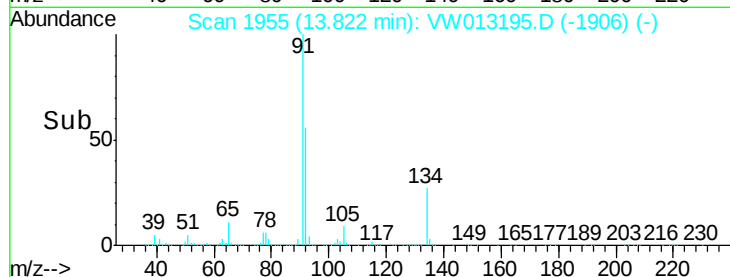
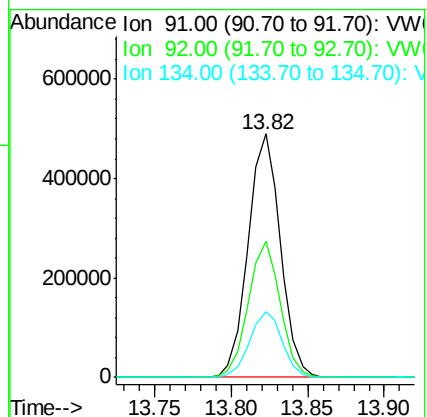
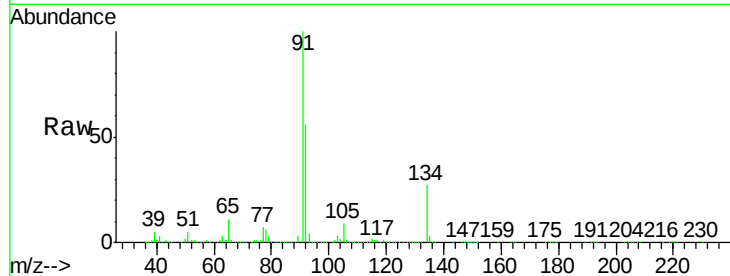
Tot Ion: 91 Resp: 715584

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.8

134 27.4 13.7 41.1



#90

Hexachloroethane

Concen: 48.790 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013195.D

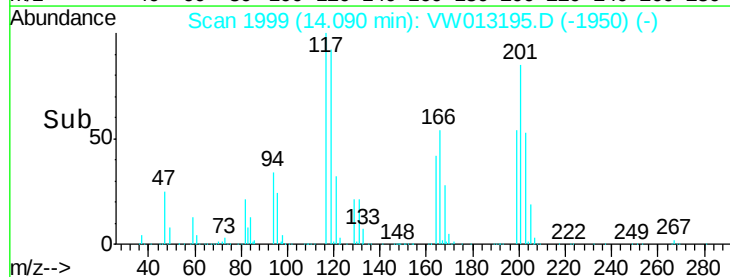
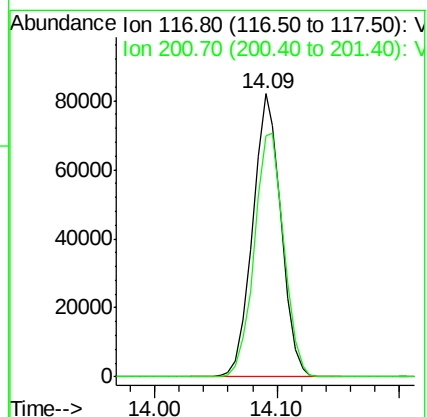
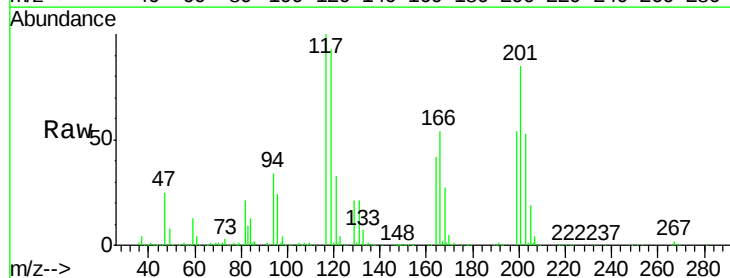
Acq: 20 Sep 2019 21:00

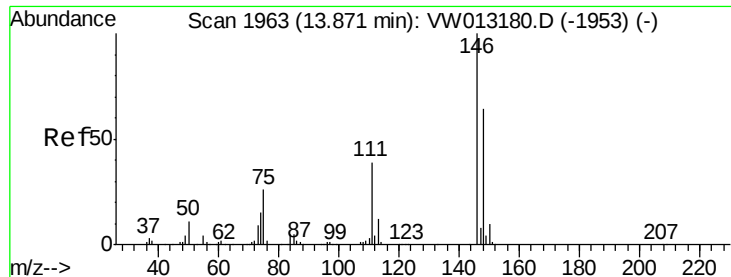
Tgt Ion: 117 Resp: 132471

Ion Ratio Lower Upper

117 100

201 89.5 44.5 133.5





#91

1,2-Dichlorobenzene

Concen: 49.546 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

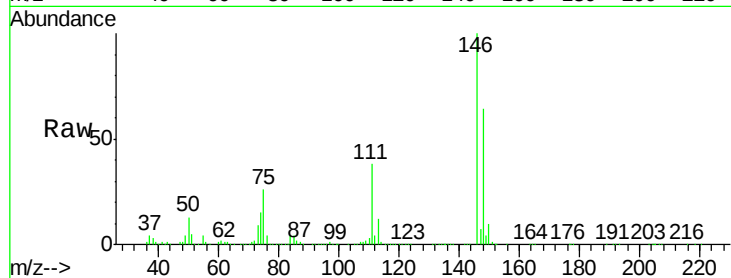
Tot Ion:146 Resp: 334887

Ion Ratio Lower Upper

146 100

111 39.2 20.1 60.3

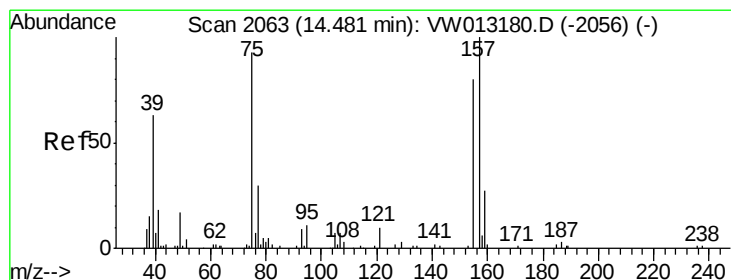
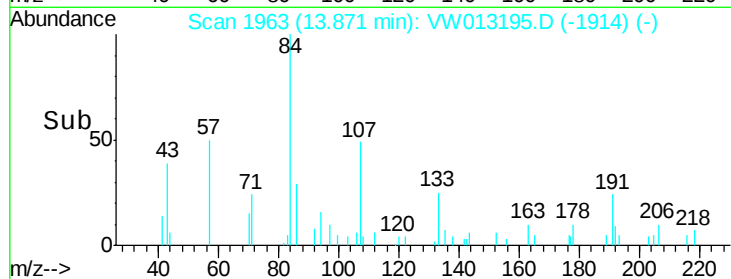
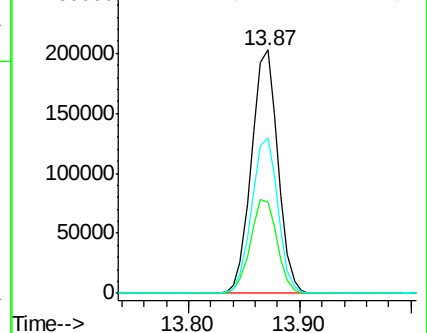
148 63.6 32.0 96.0



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: 50.674 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW013195.D

Acq: 20 Sep 2019 21:00

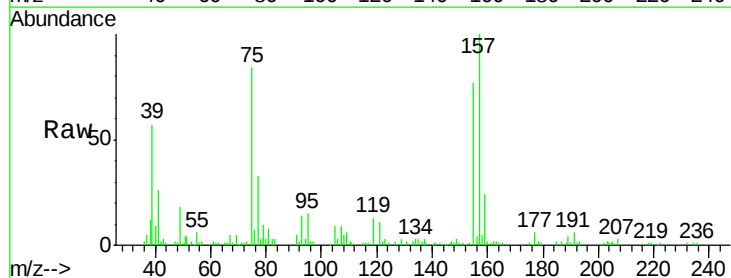
Tgt Ion: 75 Resp: 22206

Ion Ratio Lower Upper

75 100

155 92.0 46.1 138.3

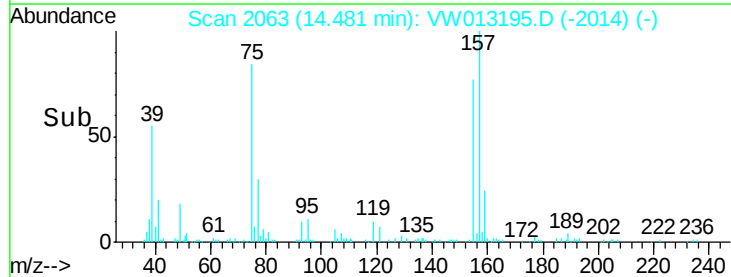
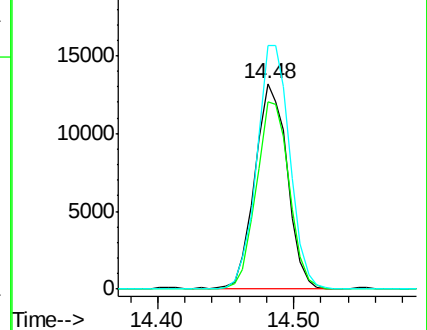
157 120.0 60.4 181.2

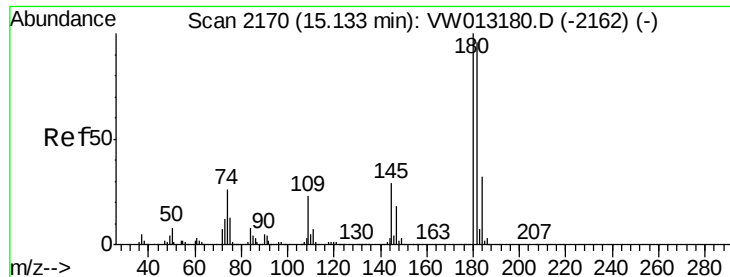


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

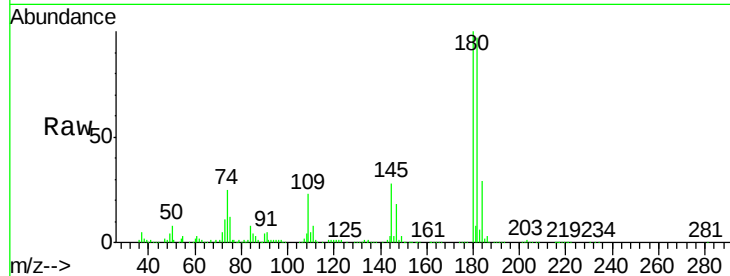




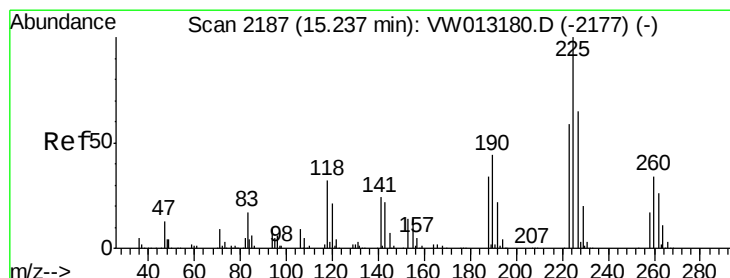
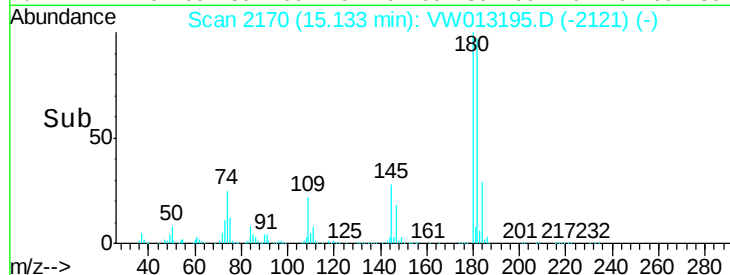
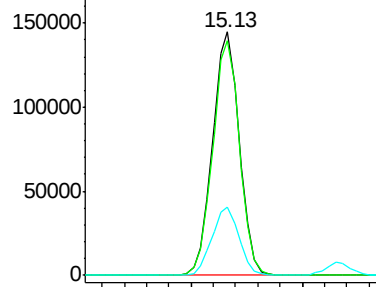
#93
 1,2,4-Trichlorobenzene
 Concen: 49.563 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	142.0
145	28.6	14.2	42.8

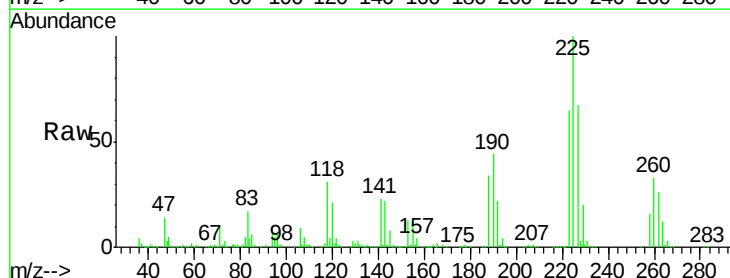


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

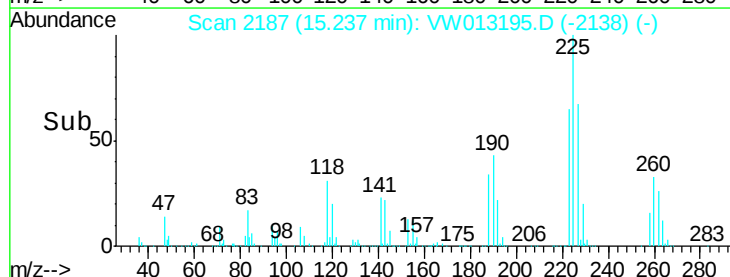
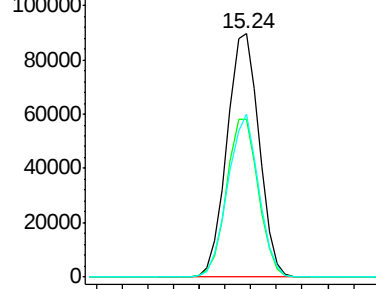


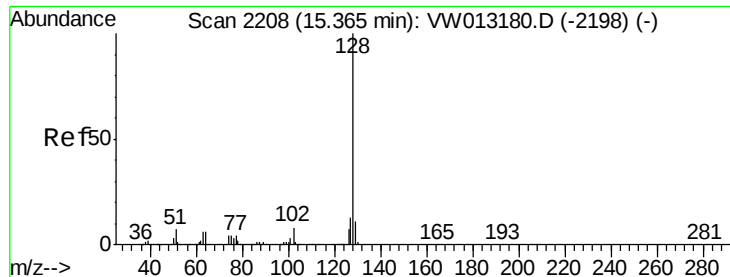
#94
 Hexachlorobutadiene
 Concen: 46.674 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013195.D
 Acq: 20 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.6	91.8
227	64.0	31.9	95.9



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

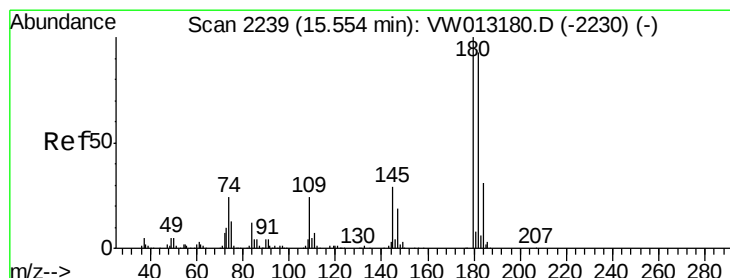
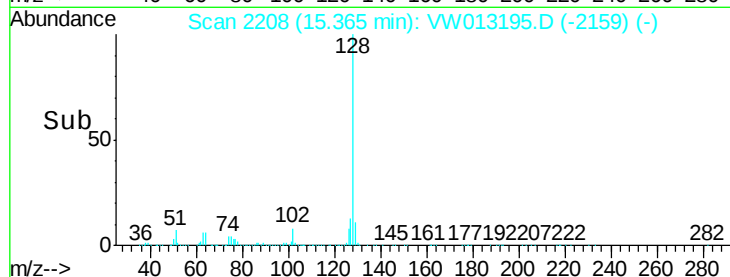
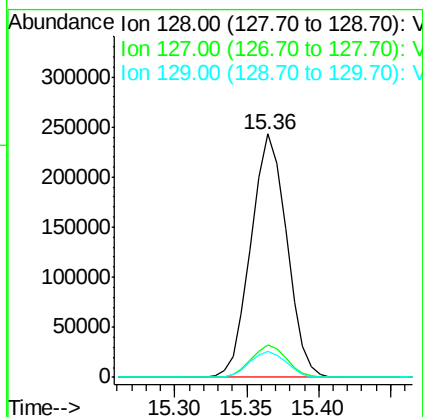
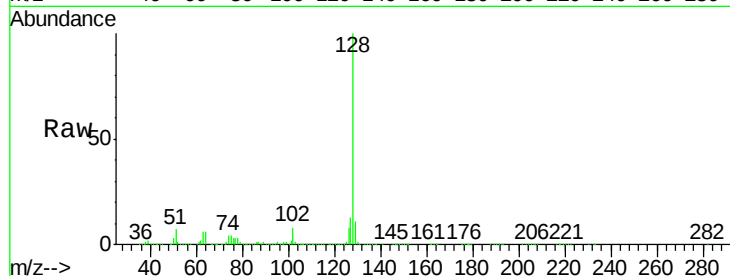




#95
Naphthalene
Concen: 52.867 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 418780
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.827 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013195.D
Acq: 20 Sep 2019 21:00

Tgt Ion:180 Resp: 208529
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.7
145 30.4 15.0 45.0

