

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016859.D
 Acq On : 09 Oct 2020 14:13
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 10 04:58:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	397807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	573033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	506532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	263198	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	32867	10.16	ug/l	0.00
Spiked Amount			Recovery	=	20.32%	
35) Dibromofluoromethane	7.89	113	35553	10.12	ug/l	0.00
Spiked Amount			Recovery	=	20.24%	
50) Toluene-d8	10.33	98	130574	9.92	ug/l	0.00
Spiked Amount			Recovery	=	19.84%	
62) 4-Bromofluorobenzene	12.62	95	44101	9.71	ug/l	0.00
Spiked Amount			Recovery	=	19.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	25059	11.549	ug/l	97
3) Chloromethane	2.21	50	25888	10.882	ug/l	97
4) Vinyl Chloride	2.37	62	37160	10.801	ug/l	97
5) Bromomethane	2.79	94	28294	10.709	ug/l	99
6) Chloroethane	2.93	64	21853	9.981	ug/l	99
7) Trichlorofluoromethane	3.27	101	25663	10.246	ug/l	90
8) Diethyl Ether	3.69	74	15968	10.207	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	34662	10.278	ug/l	99
10) Methyl Iodide	4.28	142	55991	10.384	ug/l	99
11) Tert butyl alcohol	5.21	59	6027	35.279	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	34013	10.217	ug/l	94
13) Acrolein	3.90	56	11049	51.682	ug/l	96
14) Allyl chloride	4.67	41	39855	10.002	ug/l	99
15) Acrylonitrile	5.38	53	26490	50.869	ug/l	100
16) Acetone	4.14	43	26886	51.302	ug/l	94
17) Carbon Disulfide	4.39	76	90717	10.242	ug/l	97
18) Methyl Acetate	4.68	43	12437	10.347	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	37259	10.384	ug/l	96
20) Methylene Chloride	4.93	84	46764	11.261	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	38416	10.279	ug/l	92
22) Diisopropyl ether	6.31	45	75453	10.418	ug/l	95
23) Vinyl Acetate	6.26	43	231373	49.857	ug/l	99
24) 1,1-Dichloroethane	6.22	63	59159	10.301	ug/l	96
25) 2-Butanone	7.18	43	35921	51.414	ug/l	98
26) 2,2-Dichloropropane	7.17	77	37179	10.582	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	41056	10.257	ug/l	99
28) Bromochloromethane	7.52	49	21670	9.428	ug/l	100
29) Tetrahydrofuran	7.54	42	20119	51.410	ug/l	99
30) Chloroform	7.68	83	64107	10.268	ug/l	100
31) Cyclohexane	7.96	56	52503	10.718	ug/l #	87
32) 1,1,1-Trichloroethane	7.88	97	54414	10.333	ug/l	98
36) 1,1-Dichloropropene	8.09	75	51731	10.440	ug/l	98
37) Ethyl Acetate	7.26	43	17829	11.016	ug/l	100
38) Carbon Tetrachloride	8.07	117	53487	10.384	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101020\
 Data File : VW016859.D
 Acq On : 09 Oct 2020 14:13
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 10 04:58:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	57054	10.100	ug/l	96
40) Benzene	8.33	78	144280	10.453	ug/l	100
41) Methacrylonitrile	7.48	41	9292	13.380	ug/l	98
42) 1,2-Dichloroethane	8.40	62	38696	10.249	ug/l	100
43) Isopropyl Acetate	8.43	43	30932	9.976	ug/l	98
44) Trichloroethene	9.10	130	44072	10.316	ug/l	99
45) 1,2-Dichloropropane	9.37	63	32569	10.347	ug/l	99
46) Dibromomethane	9.46	93	18574	10.317	ug/l	98
47) Bromodichloromethane	9.65	83	44756	9.998	ug/l	94
48) Methyl methacrylate	9.44	41	14339	10.036	ug/l	99
49) 1,4-Dioxane	9.49	88	4129	199.382	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	81761	52.125	ug/l	97
52) Toluene	10.39	92	92387	10.125	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	39268	9.636	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	48567	9.757	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	26410	10.306	ug/l	99
56) Ethyl methacrylate	10.65	69	26783	9.607	ug/l	96
57) 1,3-Dichloropropane	10.94	76	43751	10.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	77417	50.113	ug/l	98
59) 2-Hexanone	10.98	43	51748	49.862	ug/l	98
60) Dibromochloromethane	11.13	129	30938	9.843	ug/l	98
61) 1,2-Dibromoethane	11.24	107	25975	10.235	ug/l	97
64) Tetrachloroethene	10.87	164	39138	10.845	ug/l	93
65) Chlorobenzene	11.66	112	102910	10.358	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	35476	10.097	ug/l	99
67) Ethyl Benzene	11.73	91	178065	10.285	ug/l	97
68) m/p-Xylenes	11.84	106	136959	20.340	ug/l	99
69) o-Xylene	12.17	106	62886	10.177	ug/l	99
70) Styrene	12.18	104	102167	9.935	ug/l	98
71) Bromoform	12.35	173	17214	9.759	ug/l #	94
73) Isopropylbenzene	12.47	105	174083	9.951	ug/l	99
74) N-amyl acetate	12.27	43	27580	9.815	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	28474	10.374	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33990	20.018	ug/l	30
77) Bromobenzene	12.75	156	43887	10.149	ug/l	99
78) n-propylbenzene	12.80	91	203912	10.107	ug/l	99
79) 2-Chlorotoluene	12.90	91	116622	10.133	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	147104	10.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6601	9.035	ug/l	93
82) 4-Chlorotoluene	12.99	91	122645	10.323	ug/l	98
83) tert-Butylbenzene	13.21	119	125222	9.834	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	146359	10.019	ug/l	99
85) sec-Butylbenzene	13.38	105	178910	10.094	ug/l	99
86) p-Isopropyltoluene	13.50	119	166466	10.086	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	84754	10.135	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	83831	10.173	ug/l	96
89) n-Butylbenzene	13.82	91	146778	9.872	ug/l	99
90) Hexachloroethane	14.10	117	24405	9.583	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	74268	10.293	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4249	10.108	ug/l	96

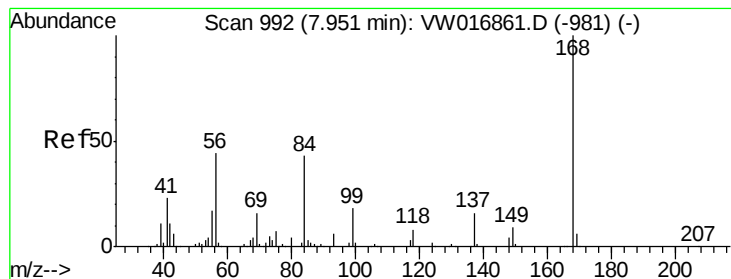
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101020\
Data File : VW016859.D
Acq On : 09 Oct 2020 14:13
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Quant Time: Oct 10 04:58:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 10 04:56:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	48215	9.685	ug/l	98
94) Hexachlorobutadiene	15.24	225	31815	9.858	ug/l	100
95) Naphthalene	15.36	128	73673	9.106	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	42637	9.845	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

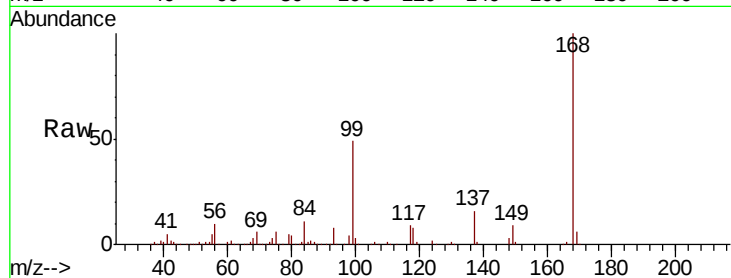
VSTDIC010

Tot Ion:168 Resp: 397807

Ion Ratio Lower Upper

168 100

99 49.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

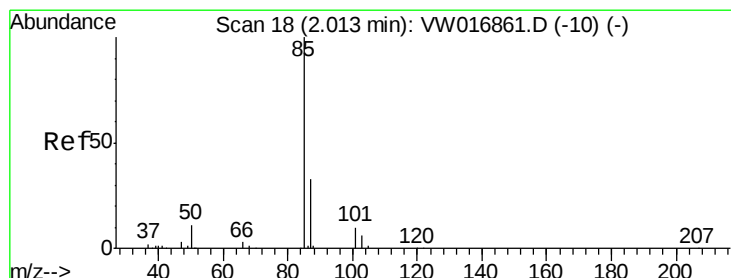
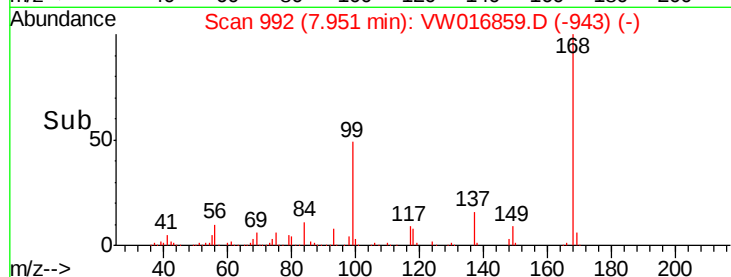
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 11.549 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016859.D

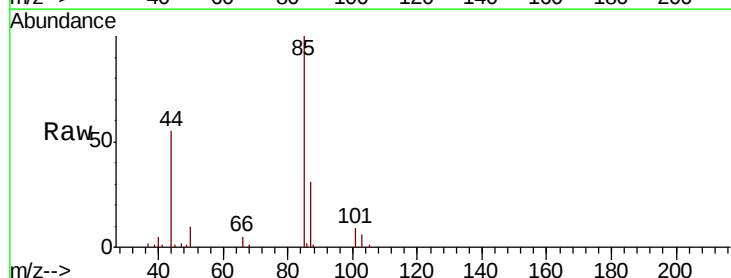
Acq: 09 Oct 2020 14:13

Tgt Ion: 85 Resp: 25059

Ion Ratio Lower Upper

85 100

87 30.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

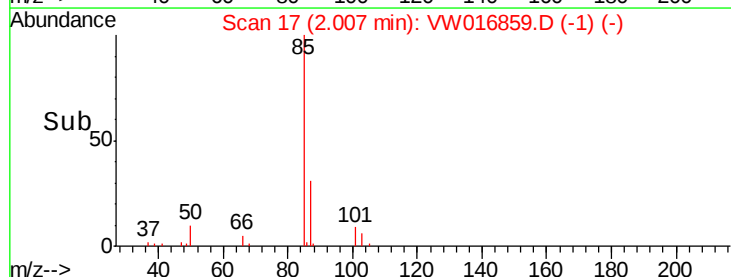
4000

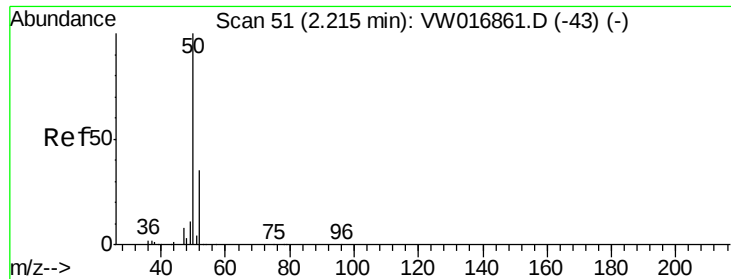
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 10.882 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

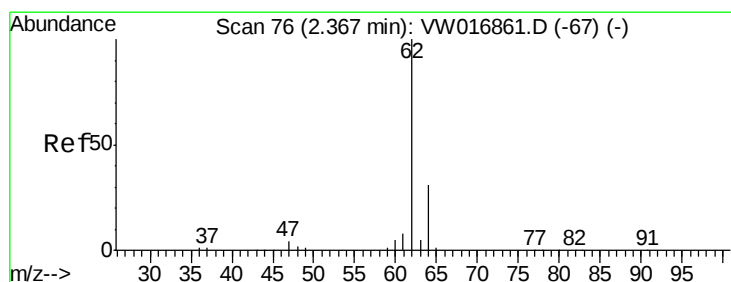
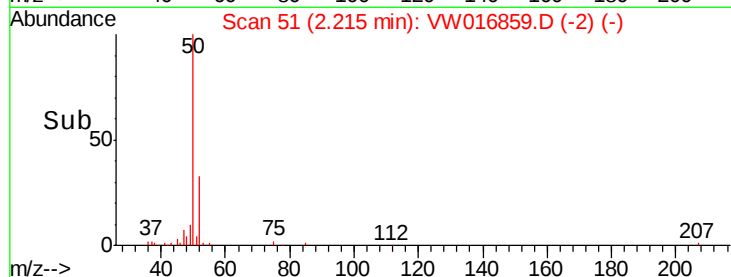
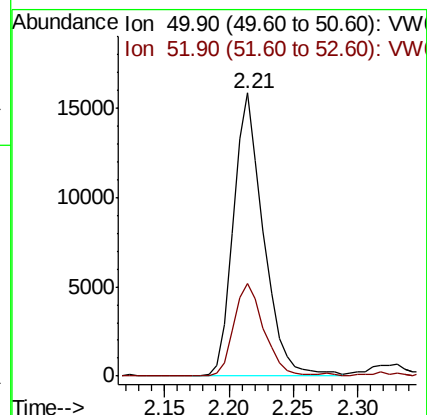
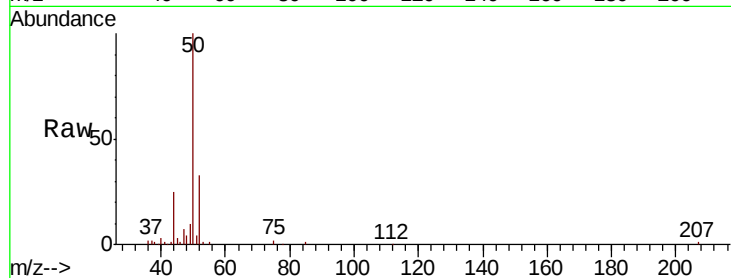
VSTDIC010

Tot Ion: 50 Resp: 25888

Ion Ratio Lower Upper

50 100

52 32.9 27.6 41.4



#4

Vinyl Chloride

Concen: 10.801 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016859.D

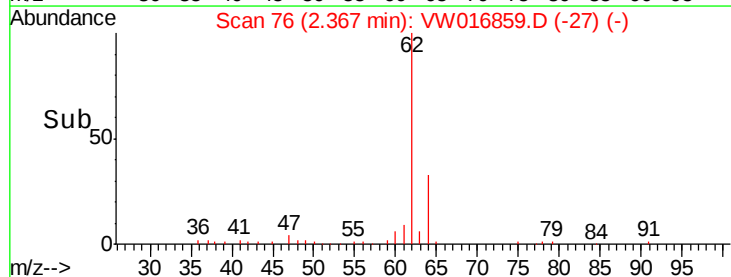
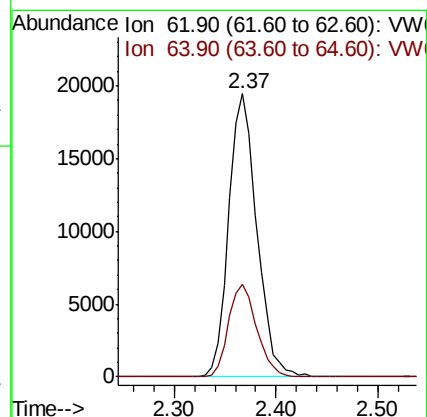
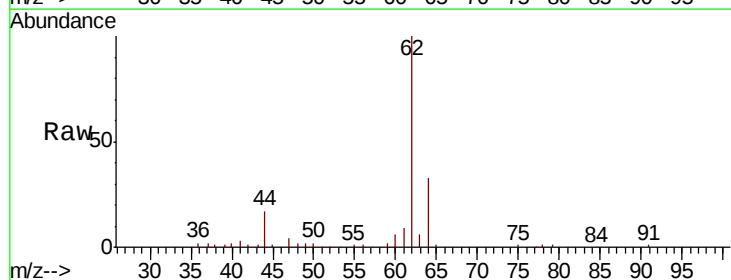
Acq: 09 Oct 2020 14:13

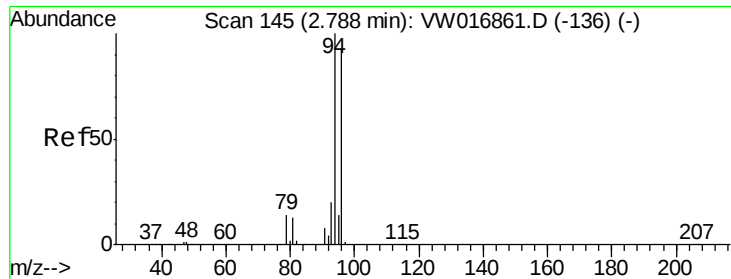
Tgt Ion: 62 Resp: 37160

Ion Ratio Lower Upper

62 100

64 32.8 25.0 37.4





#5

Bromomethane

Concen: 10.709 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

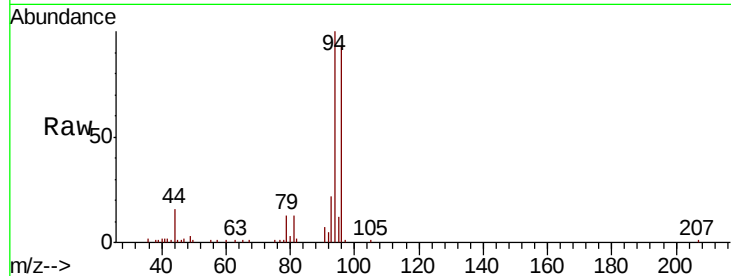
VSTDIC010

Tot Ion: 94 Resp: 28294

Ion Ratio Lower Upper

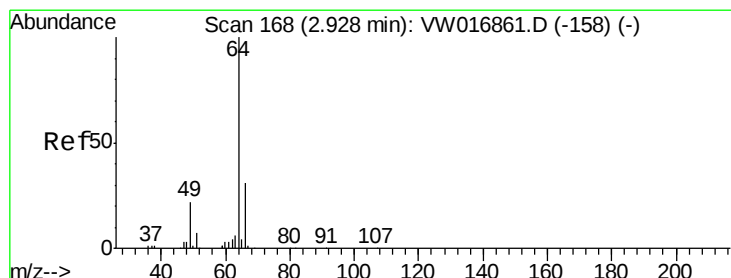
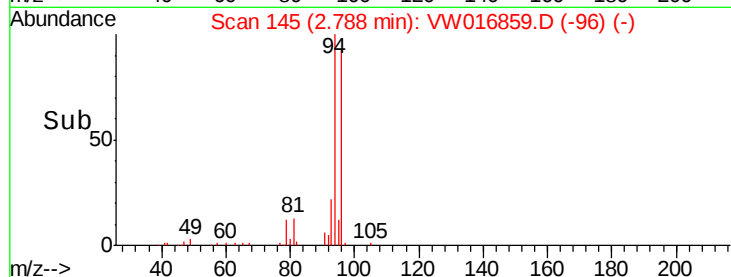
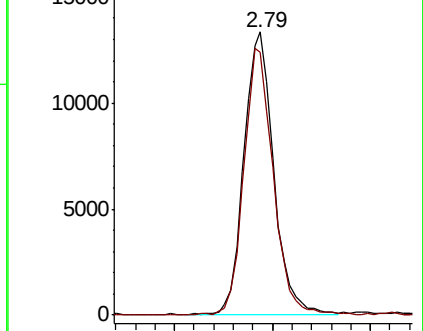
94 100

96 92.9 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 9.981 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016859.D

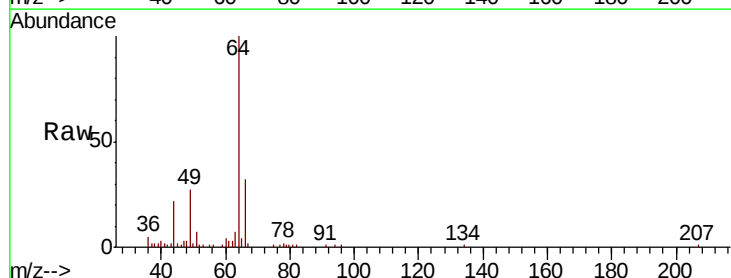
Acq: 09 Oct 2020 14:13

Tgt Ion: 64 Resp: 21853

Ion Ratio Lower Upper

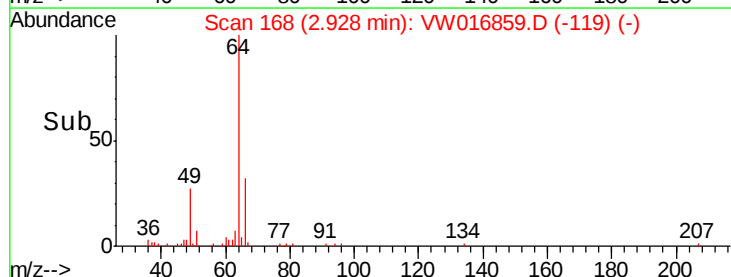
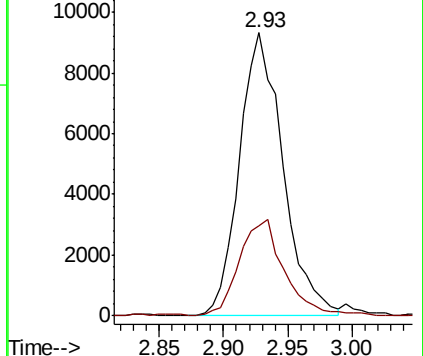
64 100

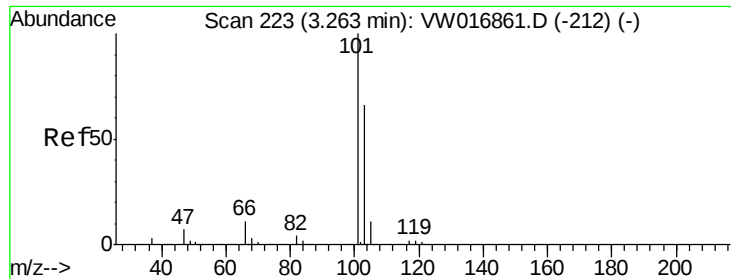
66 31.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



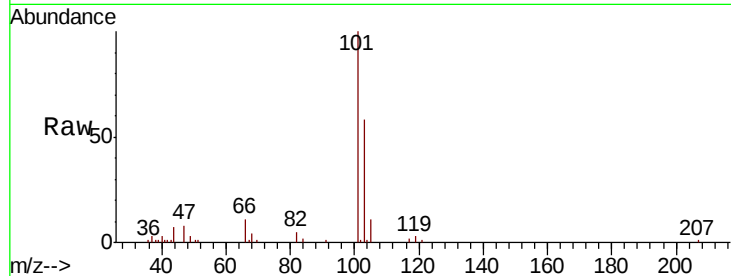


#7

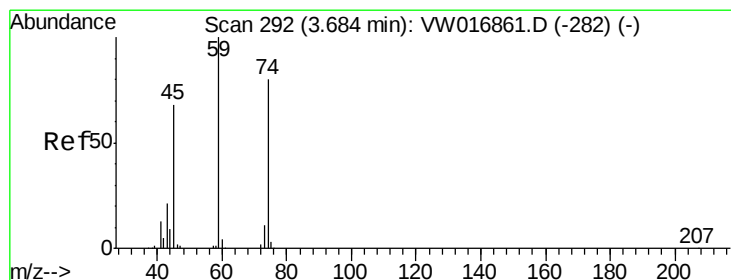
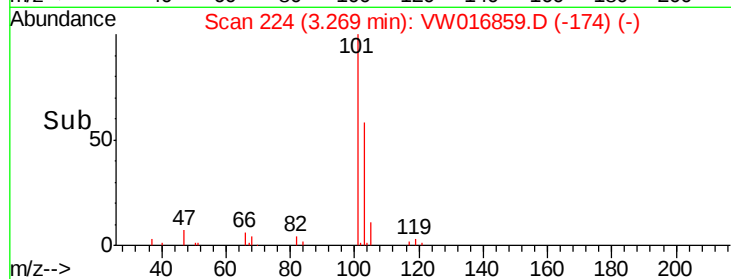
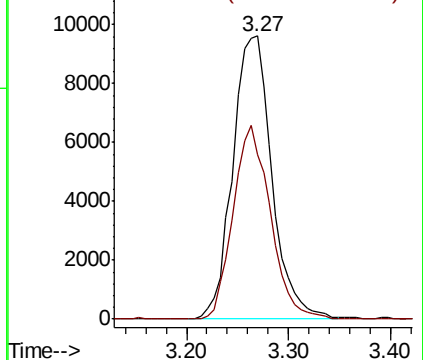
Trichlorofluoromethane
Concen: 10.246 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:101 Resp: 25663
Ion Ratio Lower Upper
101 100
103 58.2 52.6 79.0



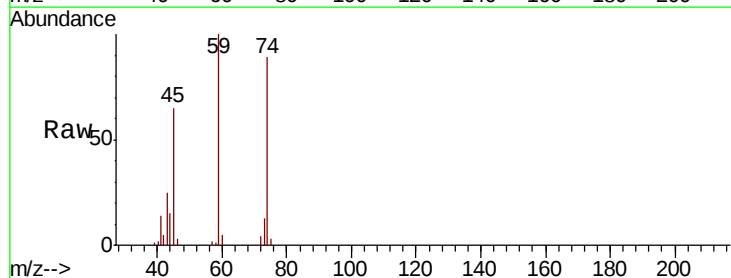
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



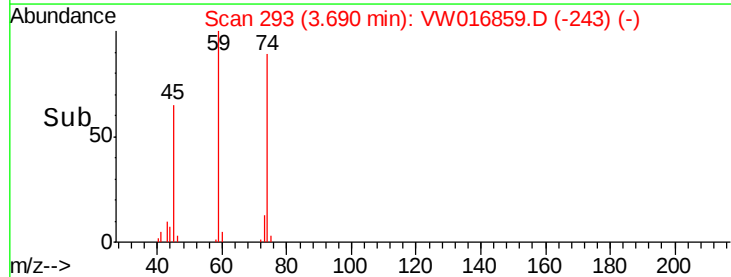
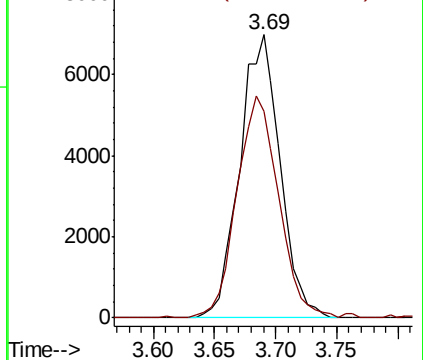
#8

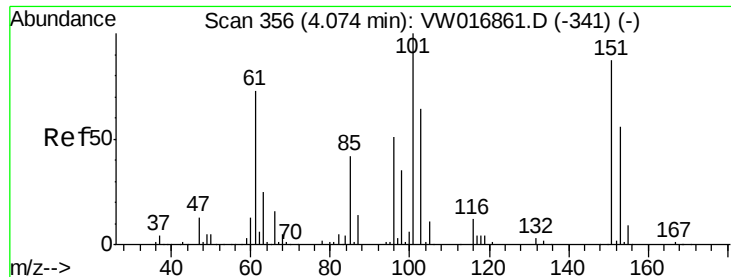
Diethyl Ether
Concen: 10.207 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 74 Resp: 15968
Ion Ratio Lower Upper
74 100
45 81.1 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.278 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

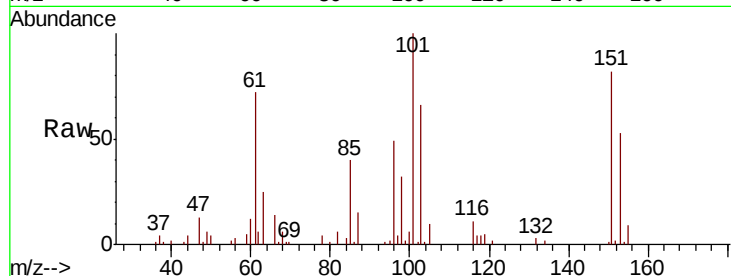
Tot Ion:101 Resp: 34662

Ion Ratio Lower Upper

101 100

85 42.2 33.2 49.8

151 84.4 66.6 100.0

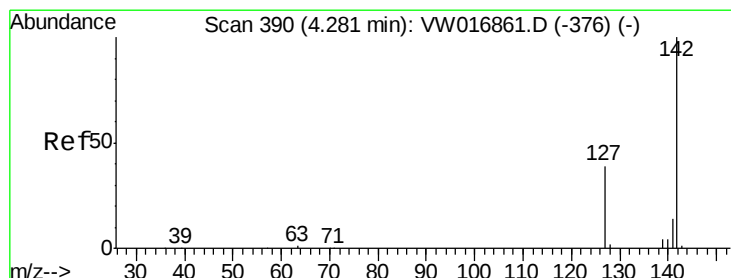
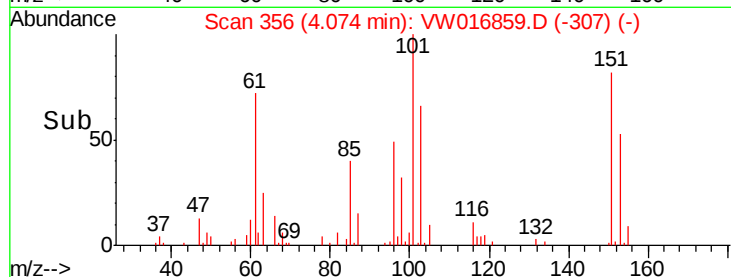
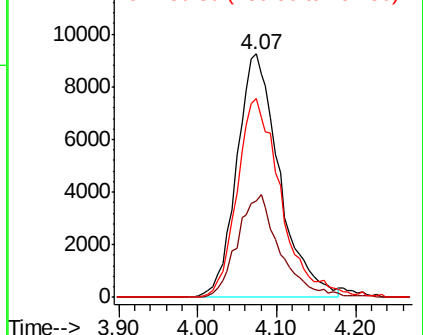


Abundance

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: 10.384 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

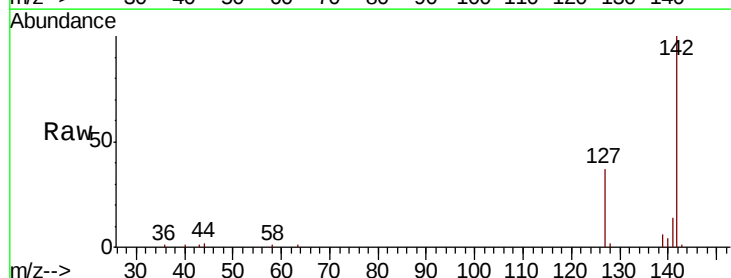
Tgt Ion:142 Resp: 55991

Ion Ratio Lower Upper

142 100

127 41.2 32.4 48.6

141 14.0 11.4 17.0

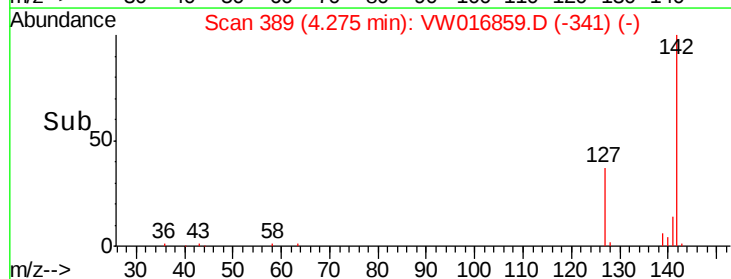
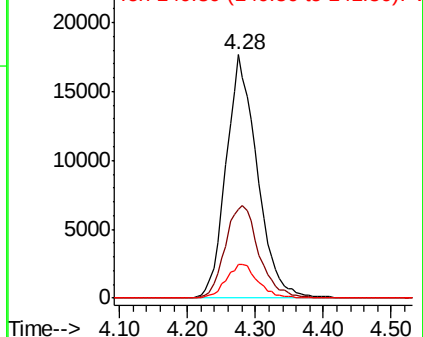


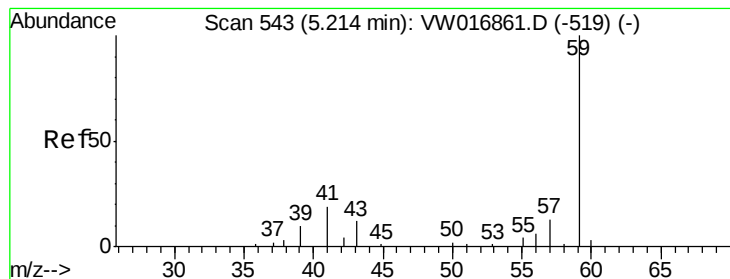
Abundance

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



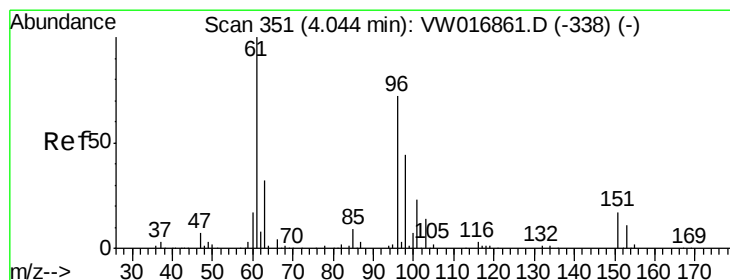
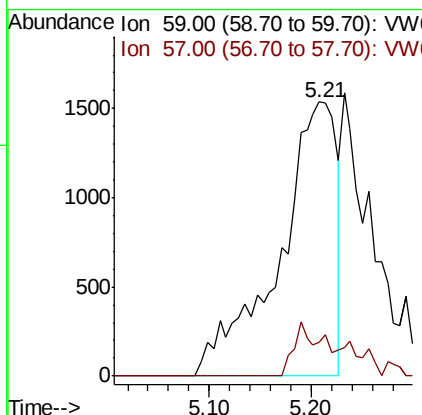
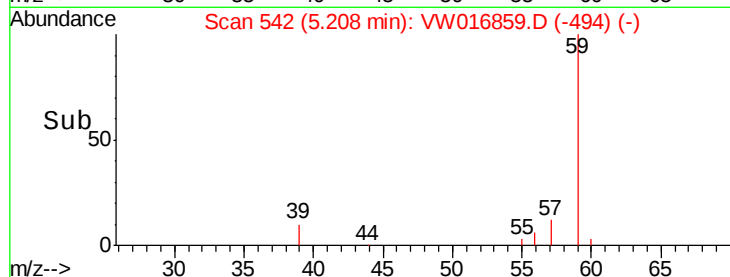
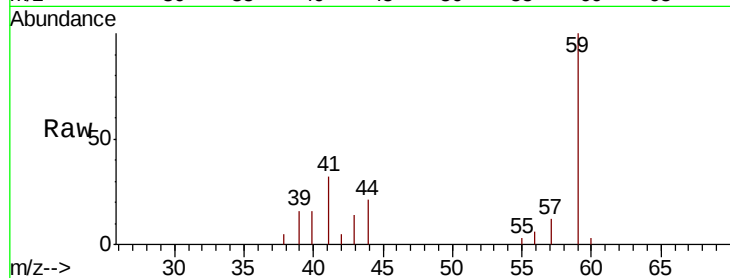


#11

Tert butyl alcohol
 Concen: 35.279 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

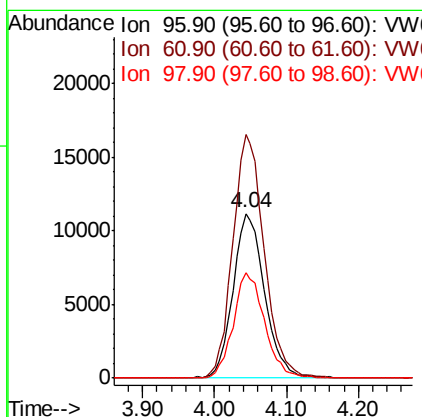
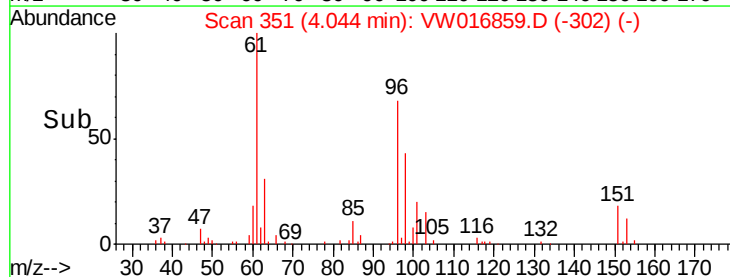
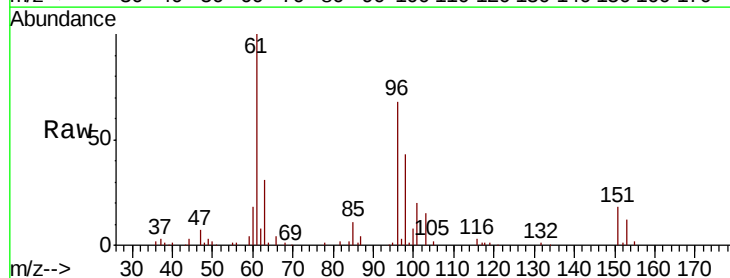
Tot Ion: 59 Resp: 6027
 Ion Ratio Lower Upper
 59 100
 57 10.1 4.7 7.1#

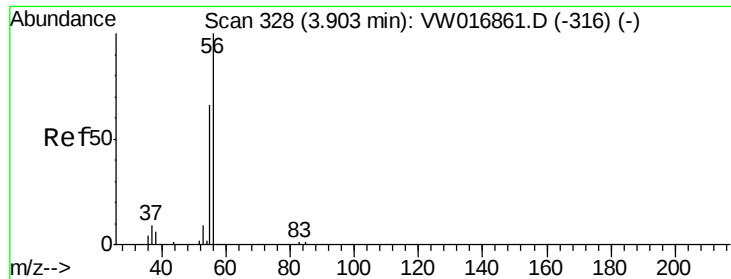


#12

1,1-Dichloroethene
 Concen: 10.217 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion: 96 Resp: 34013
 Ion Ratio Lower Upper
 96 100
 61 147.7 111.7 167.5
 98 64.0 49.0 73.4





#13

Acrolein

Concen: 51.682 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

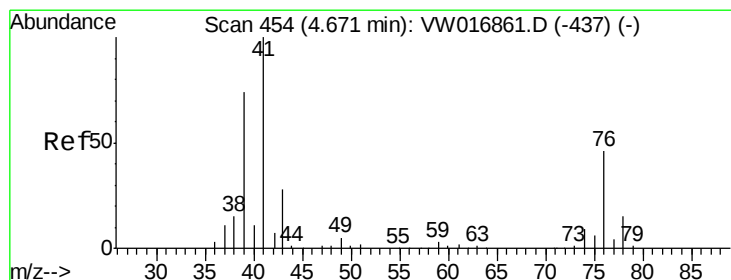
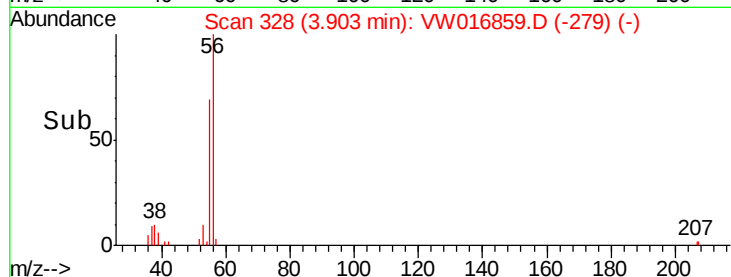
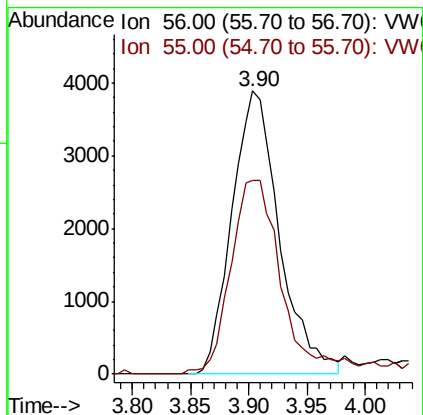
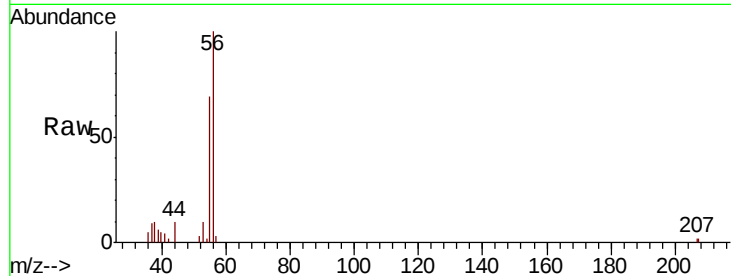
VSTDIC010

Tot Ion: 56 Resp: 11049

Ion Ratio Lower Upper

56 100

55 73.3 55.9 83.9



#14

Allyl chloride

Concen: 10.002 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

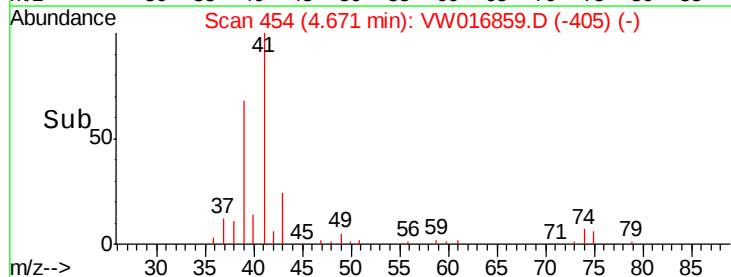
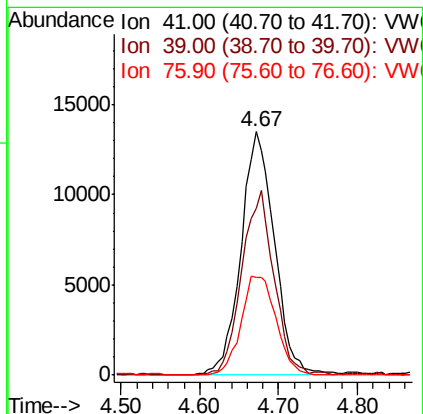
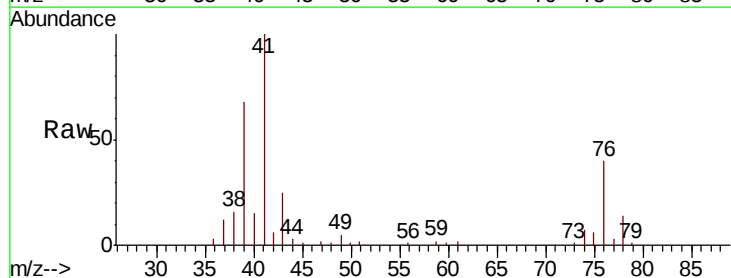
Tgt Ion: 41 Resp: 39855

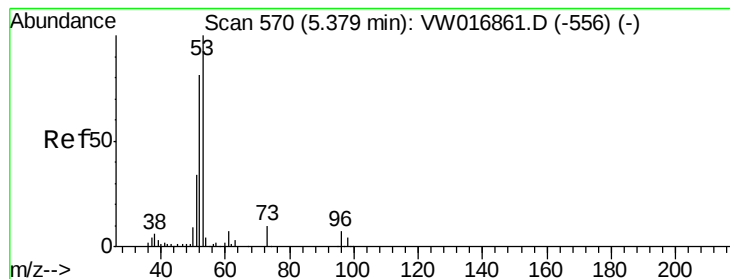
Ion Ratio Lower Upper

41 100

39 73.1 57.8 86.8

76 42.5 35.1 52.7





#15

Acrylonitrile

Concen: 50.869 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

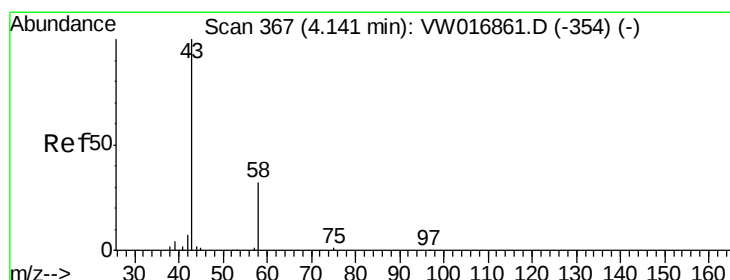
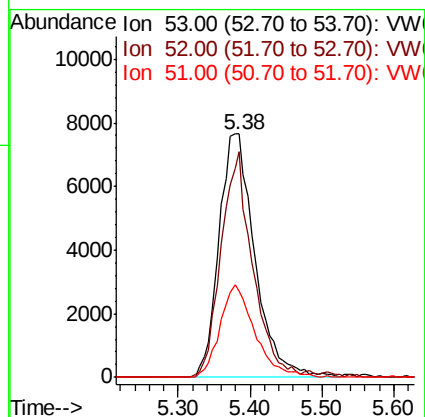
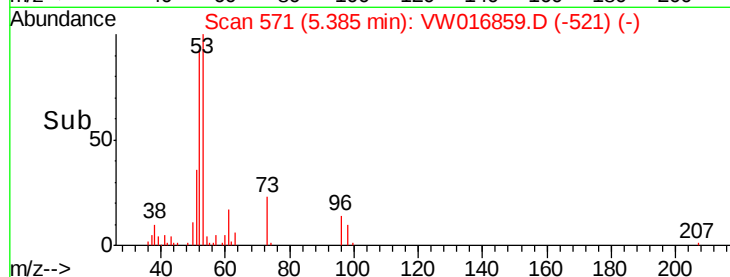
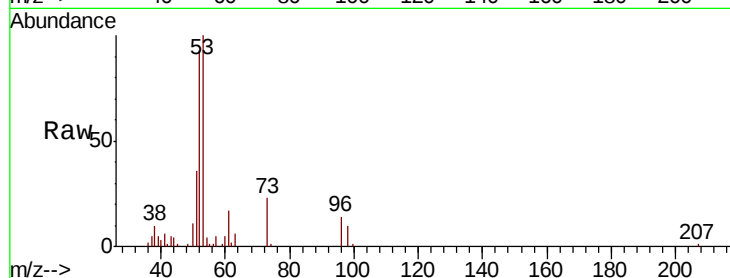
Tot Ion: 53 Resp: 26490

Ion Ratio Lower Upper

53 100

52 81.4 65.0 97.4

51 36.8 29.1 43.7



#16

Acetone

Concen: 51.302 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW016859.D

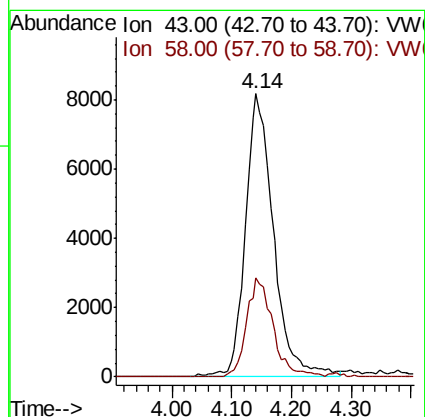
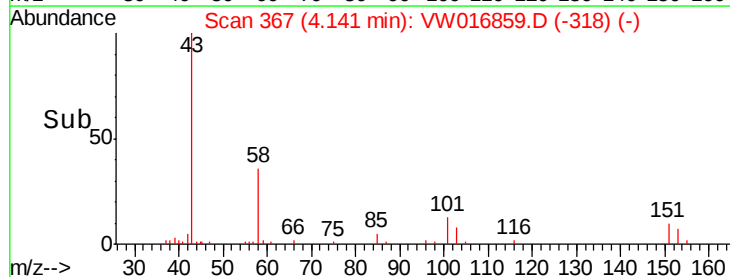
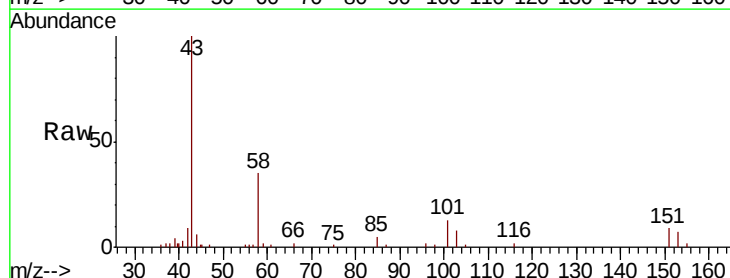
Acq: 09 Oct 2020 14:13

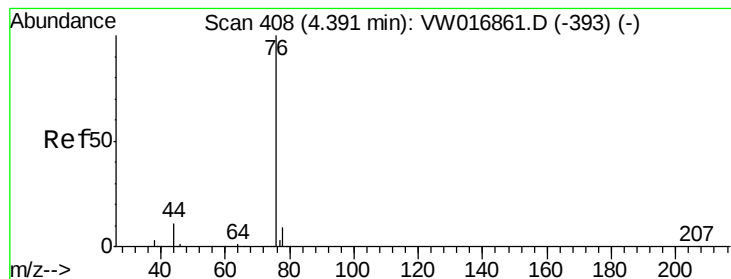
Tgt Ion: 43 Resp: 26886

Ion Ratio Lower Upper

43 100

58 35.2 25.7 38.5





#17

Carbon Disulfide

Concen: 10.242 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

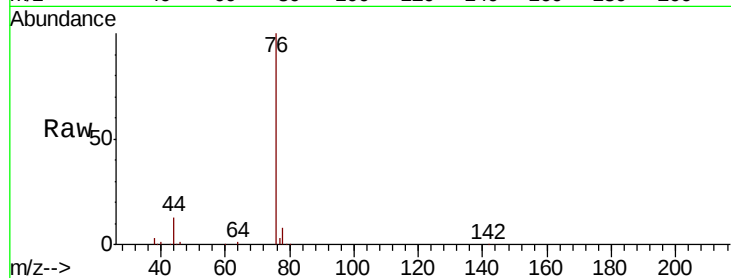
VSTDIC010

Tot Ion: 76 Resp: 90717

Ion Ratio Lower Upper

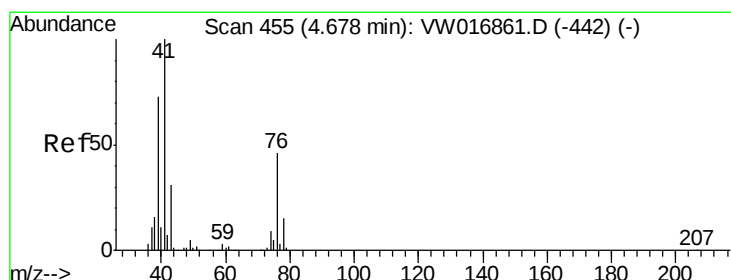
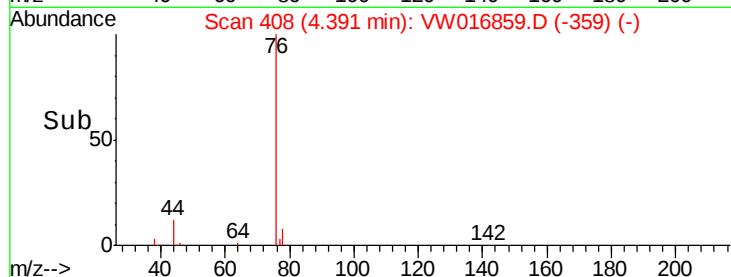
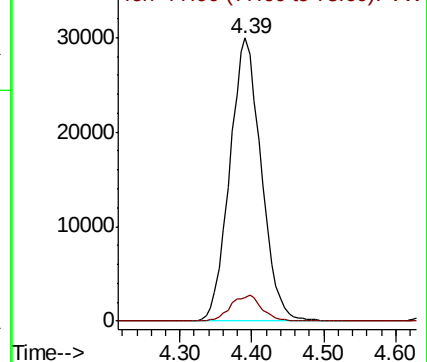
76 100

78 8.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 10.347 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW016859.D

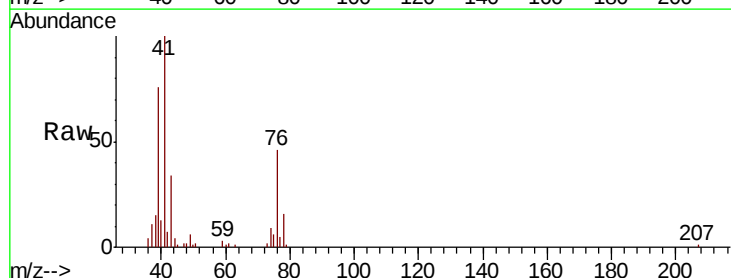
Acq: 09 Oct 2020 14:13

Tgt Ion: 43 Resp: 12437

Ion Ratio Lower Upper

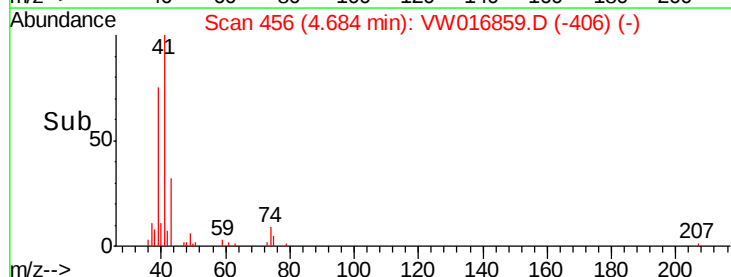
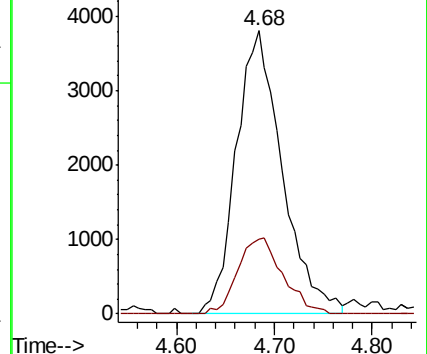
43 100

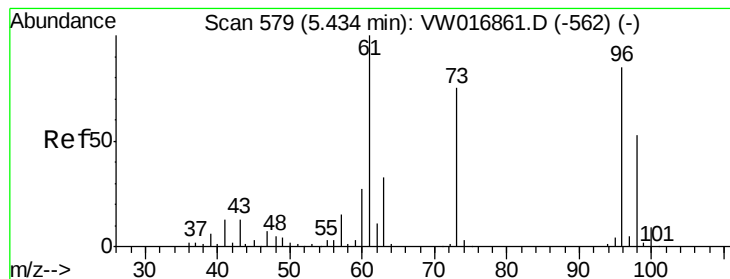
74 26.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



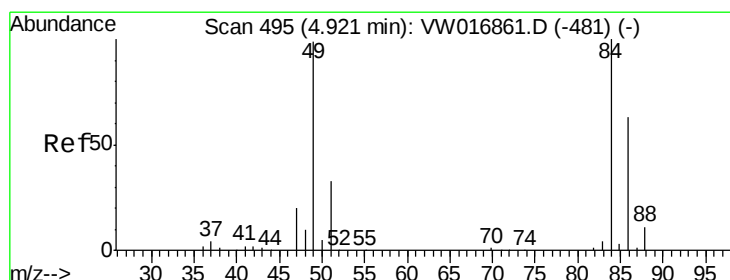
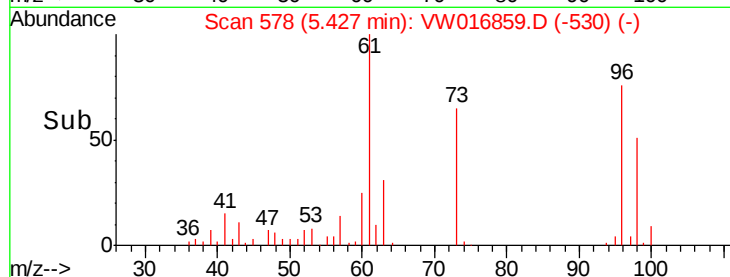
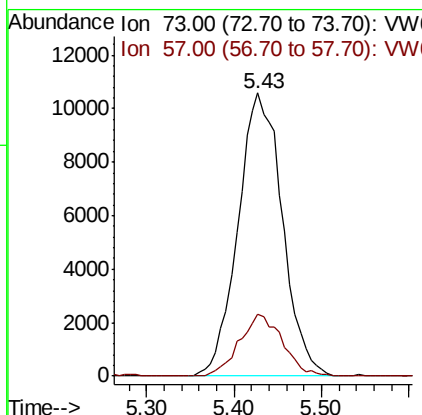
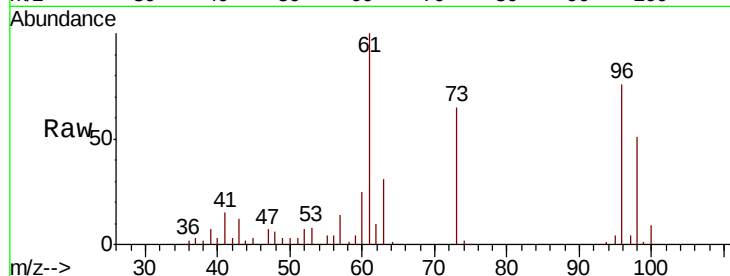


#19

Methyl tert-butyl Ether
 Concen: 10.384 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

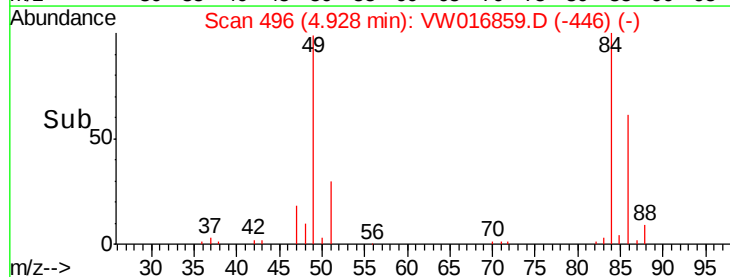
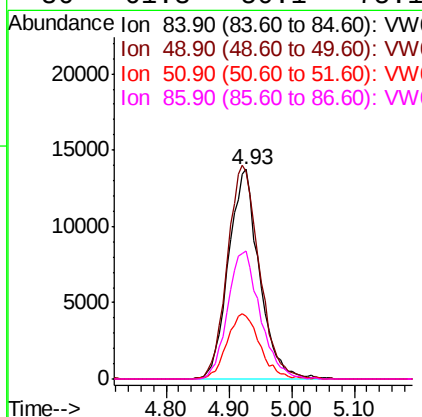
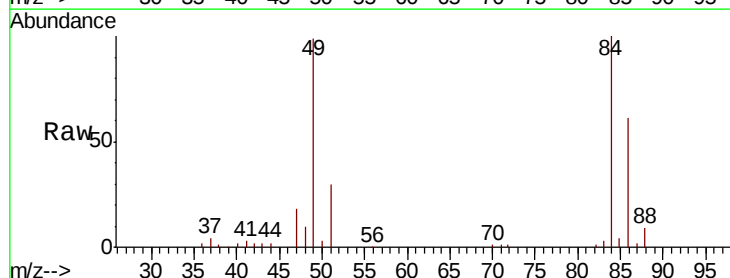
Tot Ion: 73 Resp: 37259
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.1 24.1

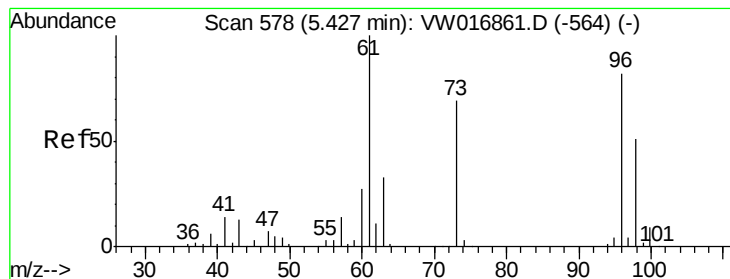


#20

Methylene Chloride
 Concen: 11.261 ug/l
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion: 84 Resp: 46764
 Ion Ratio Lower Upper
 84 100
 49 98.9 79.0 118.6
 51 29.7 26.1 39.1
 86 61.3 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 10.279 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

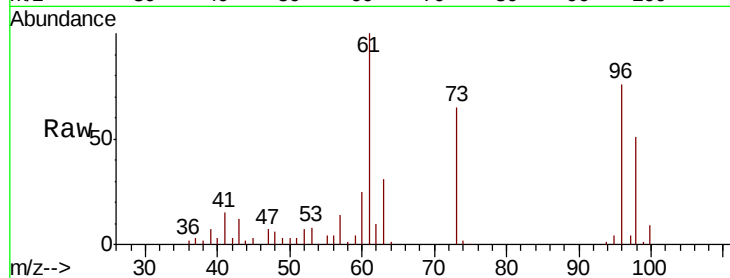
Tot Ion: 96 Resp: 38416

Ion Ratio Lower Upper

96 100

61 131.4 97.4 146.0

98 67.1 49.4 74.0

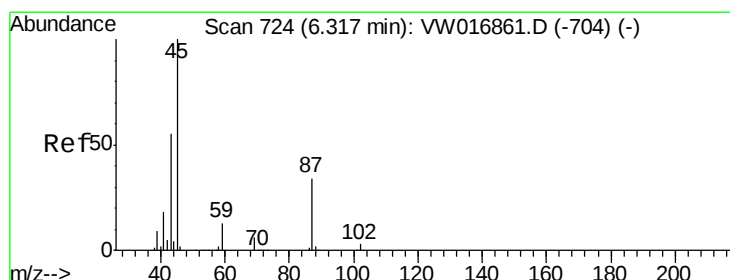
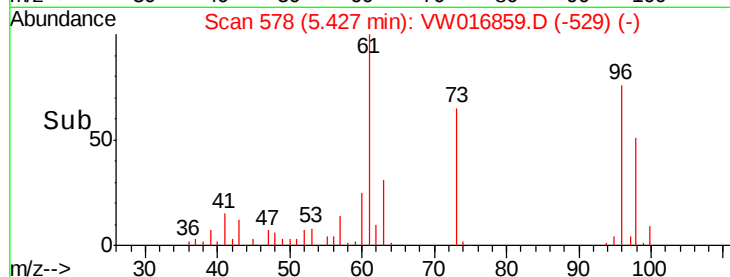
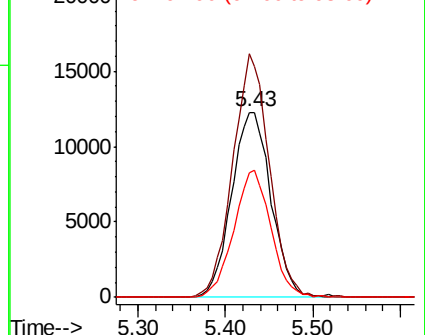


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 10.418 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tgt Ion: 45 Resp: 75453

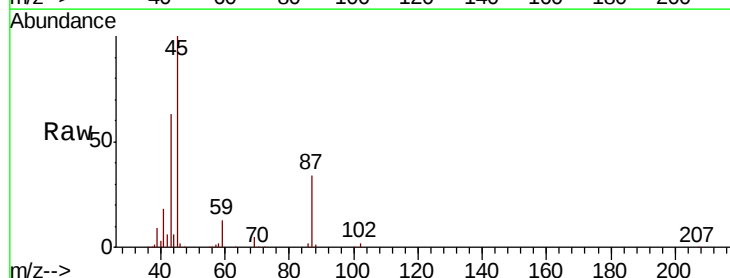
Ion Ratio Lower Upper

45 100

43 61.7 43.8 65.8

87 34.1 27.6 41.4

59 13.3 10.8 16.2



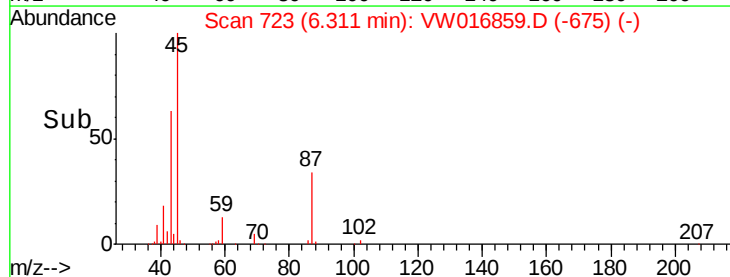
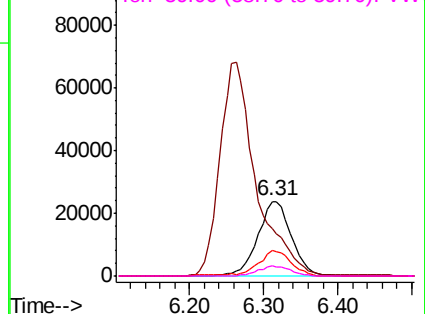
Abundance

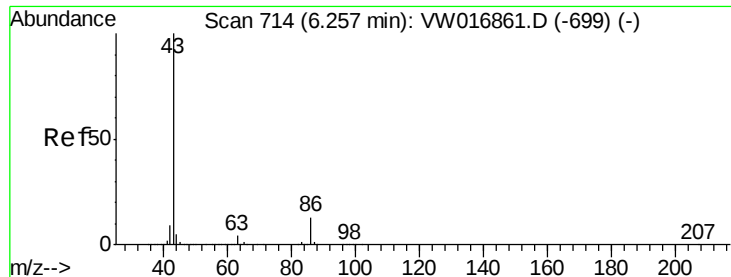
Ion 45.00 (44.70 to 45.70): VW

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: 49.857 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

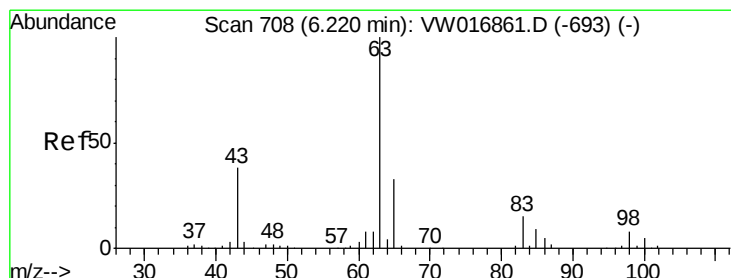
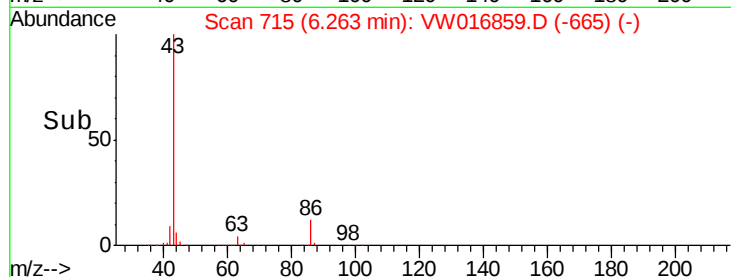
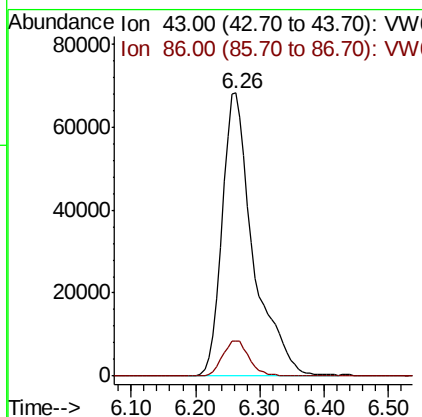
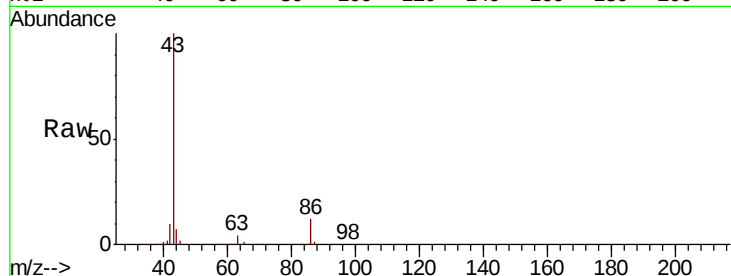
VSTDIC010

Tot Ion: 43 Resp: 231373

Ion Ratio Lower Upper

43 100

86 12.5 10.2 15.4



#24

1,1-Dichloroethane

Concen: 10.301 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

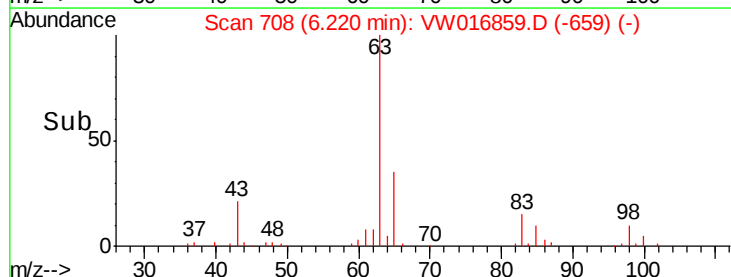
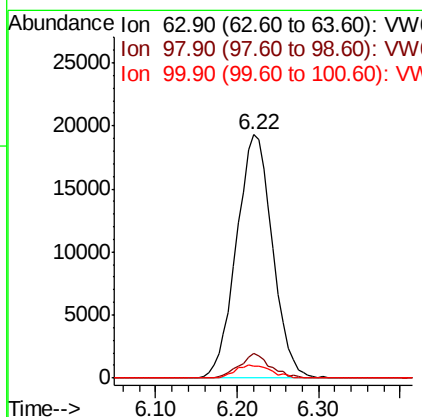
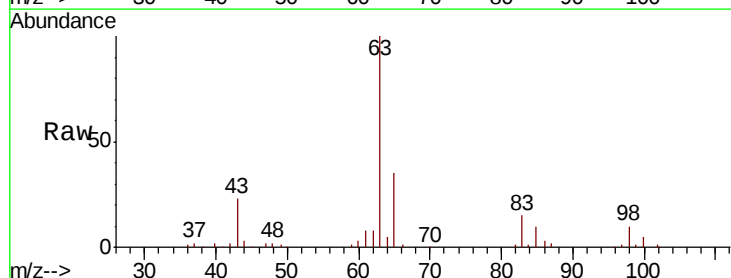
Tgt Ion: 63 Resp: 59159

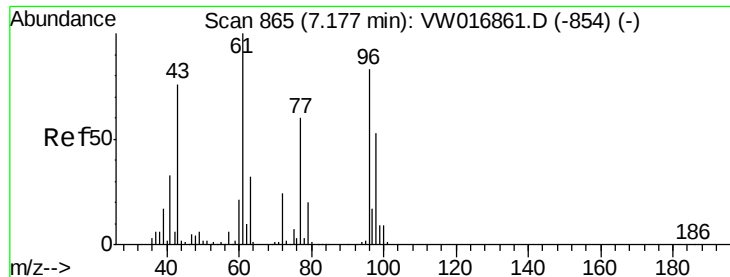
Ion Ratio Lower Upper

63 100

98 10.3 4.2 12.6

100 5.0 2.6 7.8





#25

2-Butanone

Concen: 51.414 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

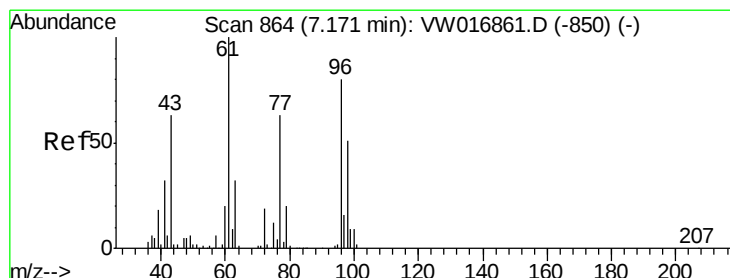
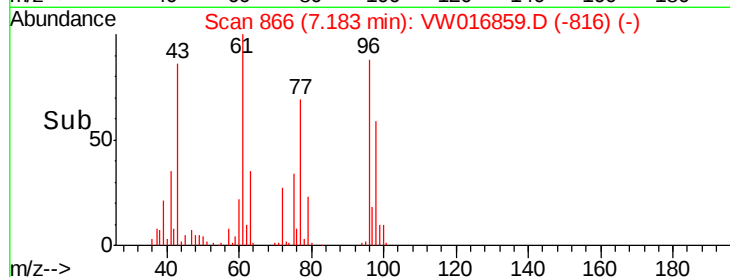
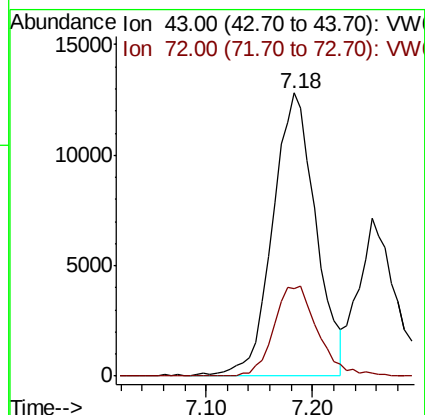
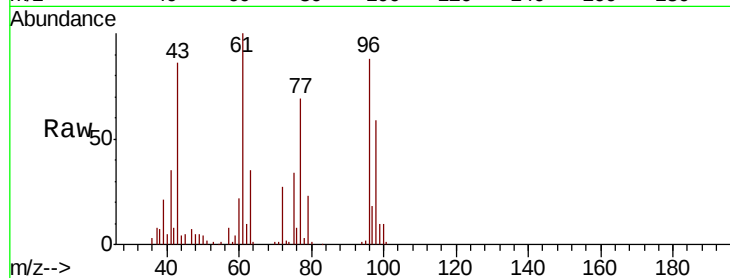
VSTDIC010

Tot Ion: 43 Resp: 35921

Ion Ratio Lower Upper

43 100

72 30.9 25.4 38.2



#26

2,2-Dichloropropane

Concen: 10.582 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016859.D

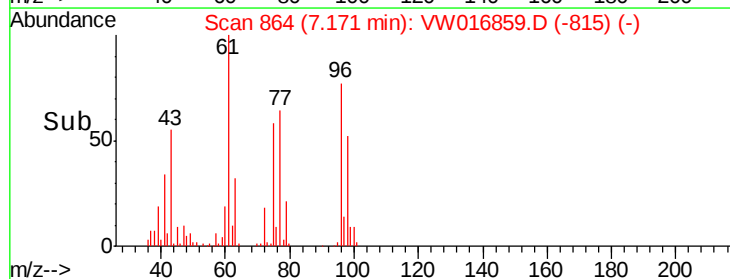
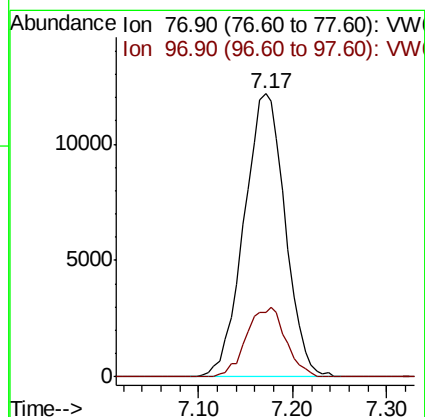
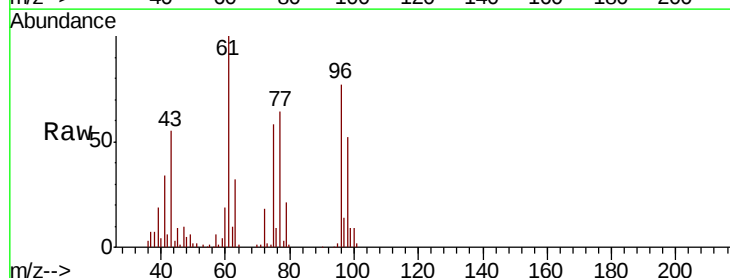
Acq: 09 Oct 2020 14:13

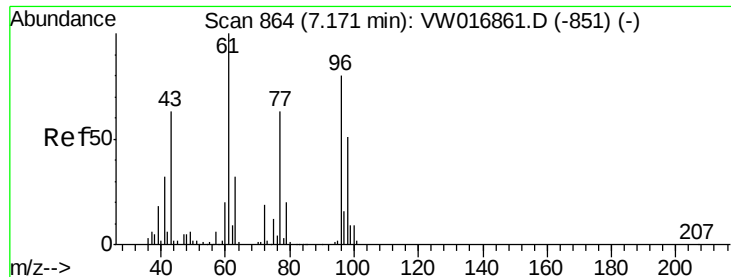
Tgt Ion: 77 Resp: 37179

Ion Ratio Lower Upper

77 100

97 23.5 12.4 37.4



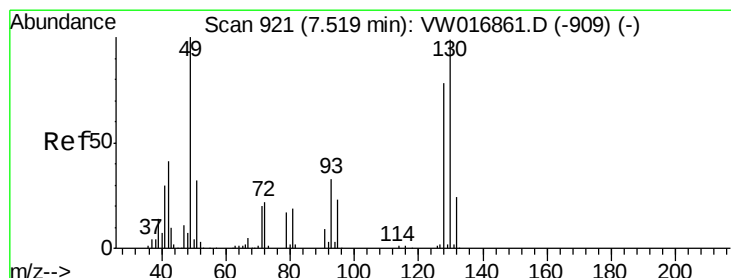
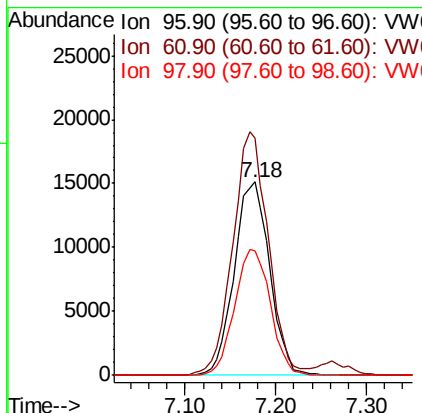
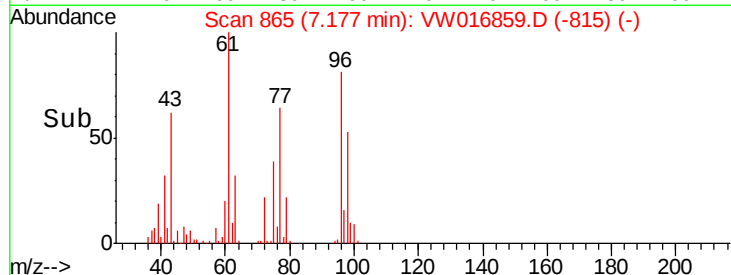
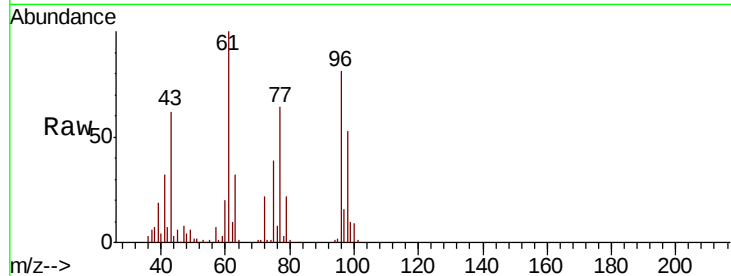


#27

cis-1,2-Dichloroethene
Concen: 10.257 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

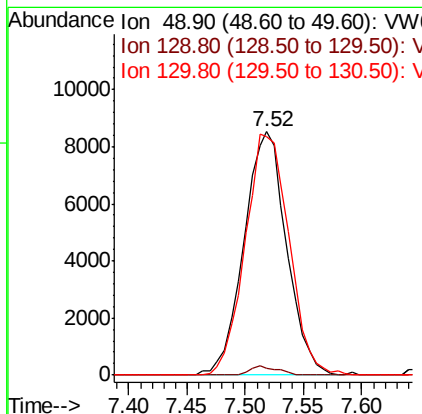
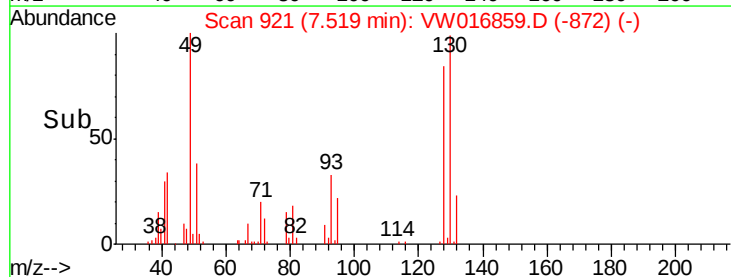
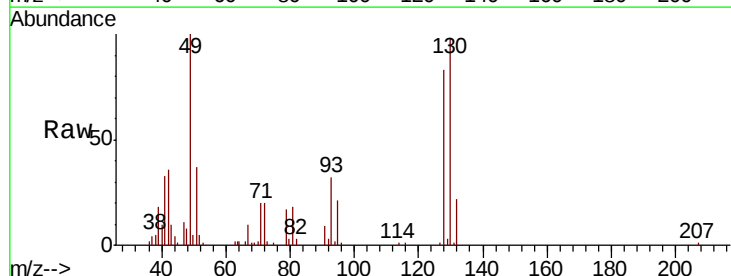
Tot Ion: 96 Resp: 41056
Ion Ratio Lower Upper
96 100
61 125.7 0.0 249.6
98 65.2 0.0 129.4

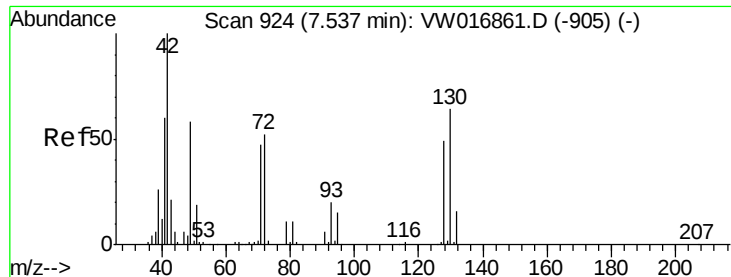


#28

Bromochloromethane
Concen: 9.428 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 49 Resp: 21670
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 101.5 81.3 121.9

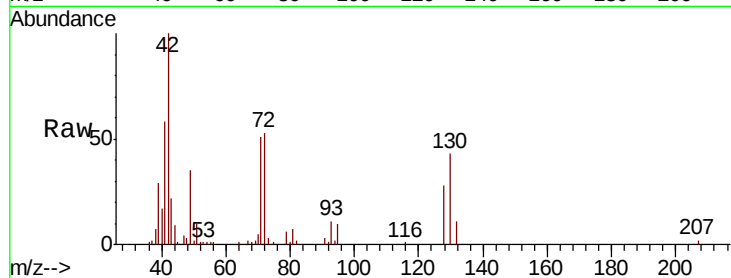




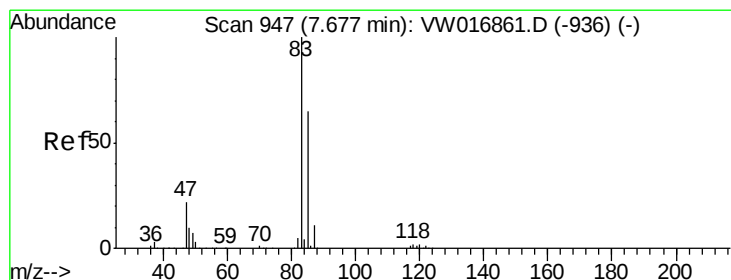
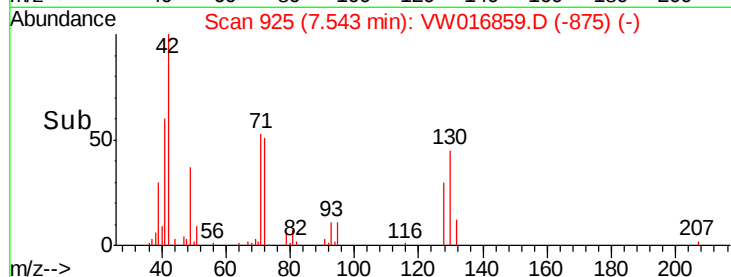
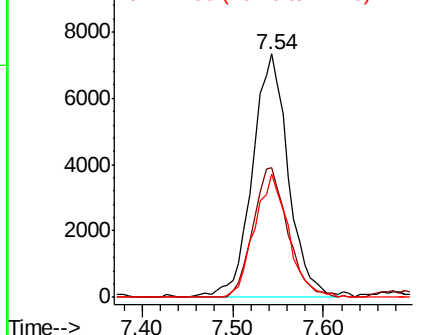
#29
Tetrahydrofuran
Concen: 51.410 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 42 Resp: 20119
Ion Ratio Lower Upper
42 100
72 51.5 42.0 63.0
71 48.0 39.0 58.6

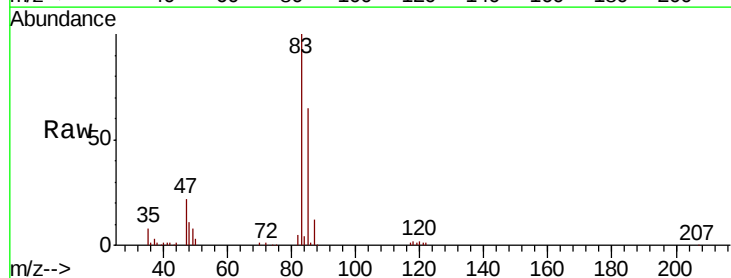


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

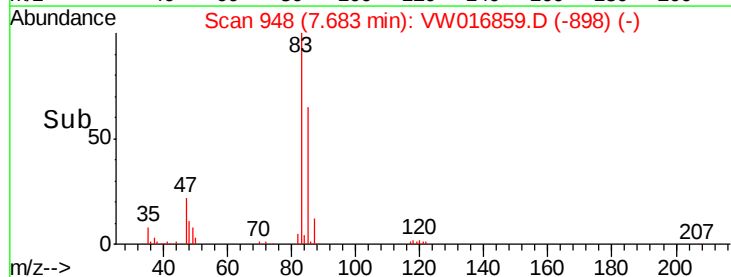
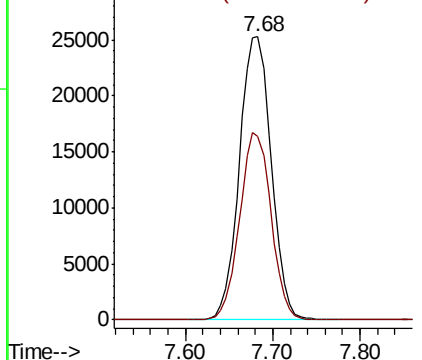


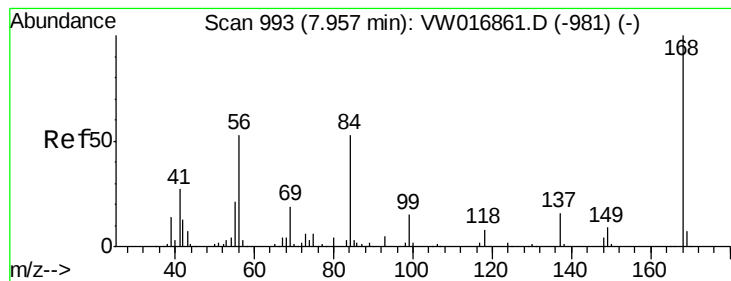
#30
Chloroform
Concen: 10.268 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 83 Resp: 64107
Ion Ratio Lower Upper
83 100
85 64.7 51.7 77.5



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





#31

Cyclohexane

Concen: 10.718 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

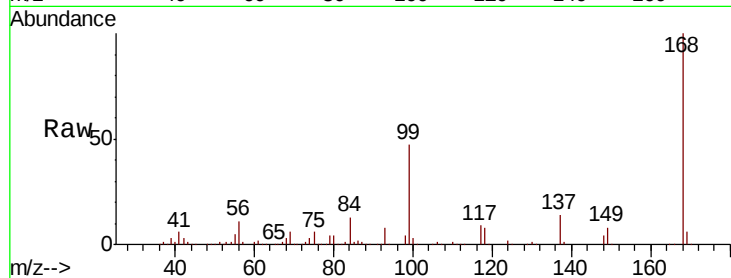
Tot Ion: 56 Resp: 52503

Ion Ratio Lower Upper

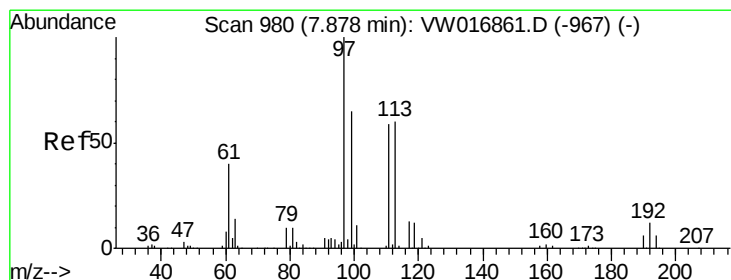
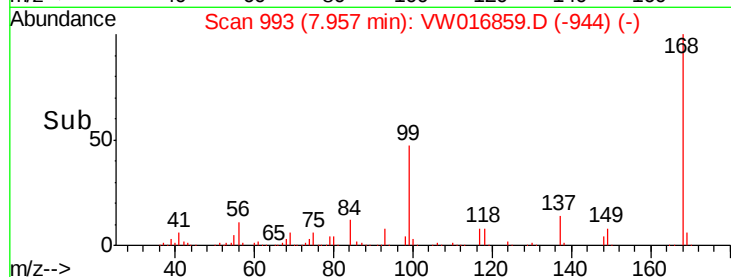
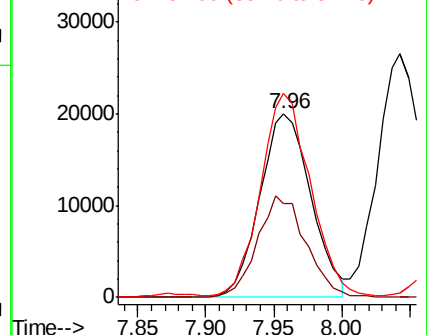
56 100

69 51.3 29.3 43.9#

84 109.7 80.5 120.7



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: 10.333 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

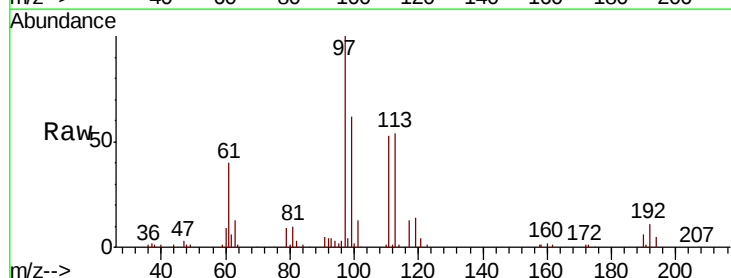
Tgt Ion: 97 Resp: 54414

Ion Ratio Lower Upper

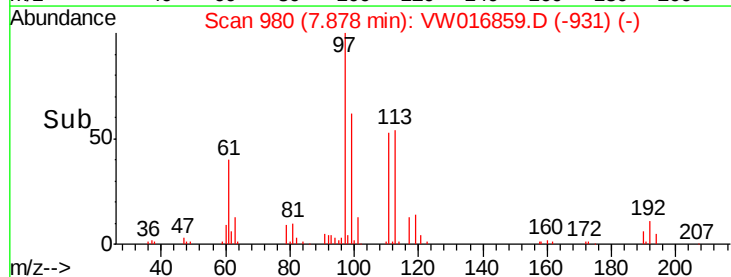
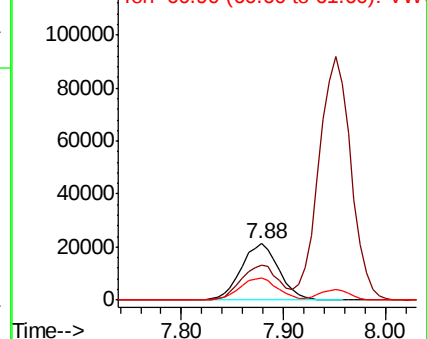
97 100

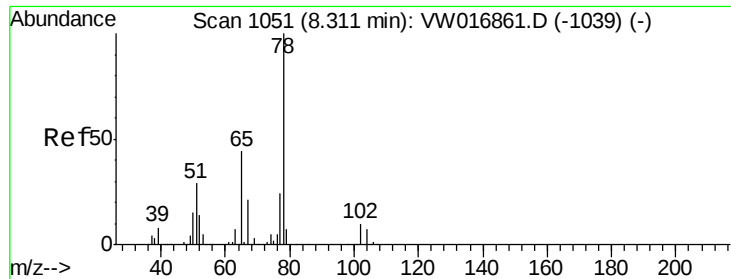
99 62.7 52.4 78.6

61 40.1 31.9 47.9



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

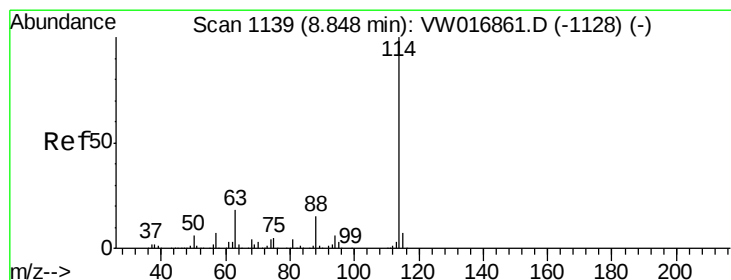
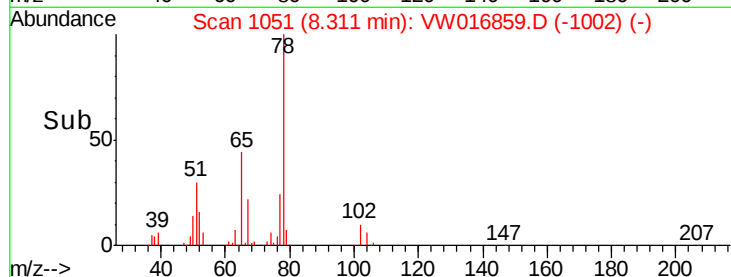
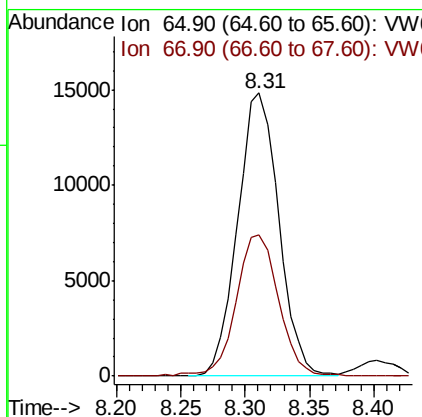
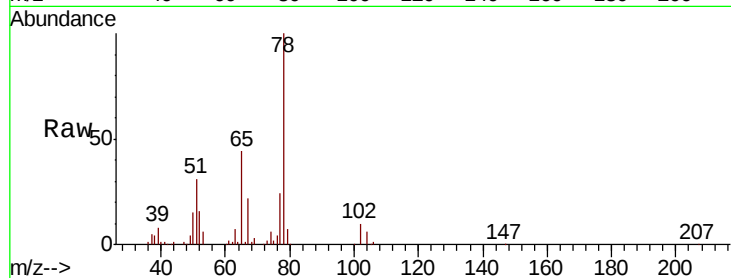




#33
 1,2-Dichloroethane-d4
 Concen: 10.157 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

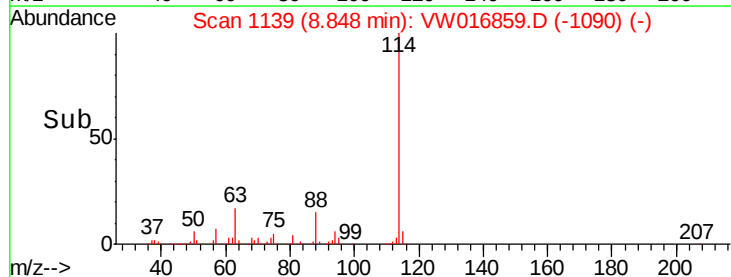
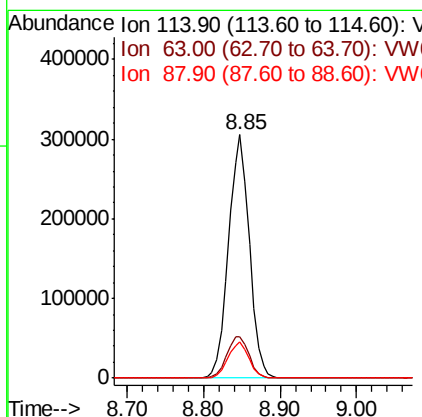
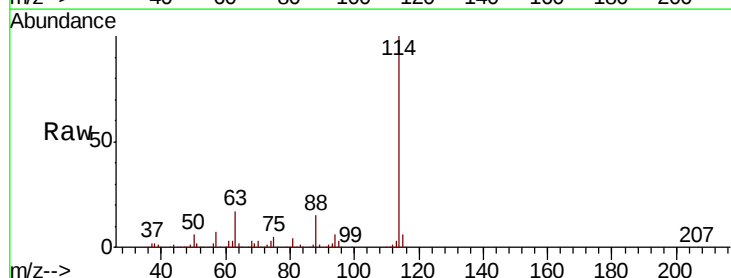
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

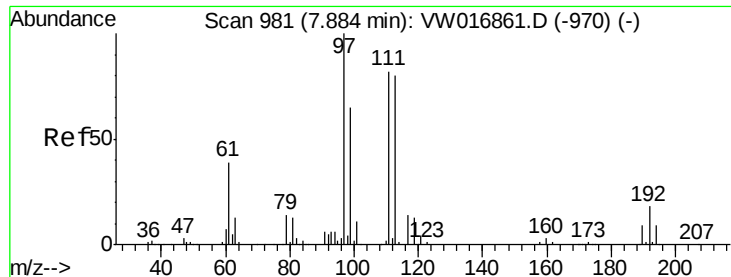
Tot Ion: 65 Resp: 32867
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion: 114 Resp: 573033
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.6
 88 14.8 0.0 30.4

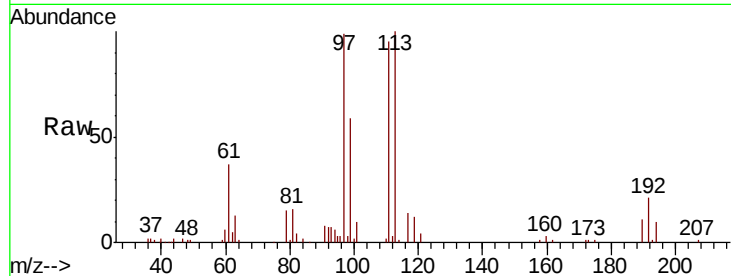




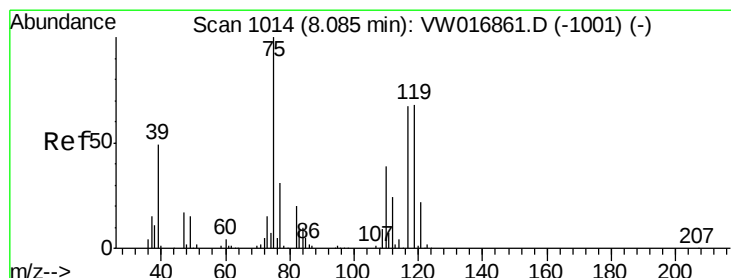
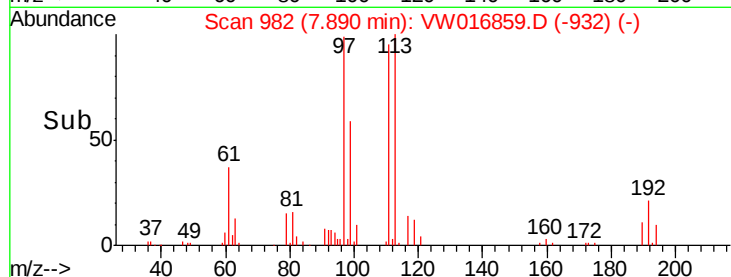
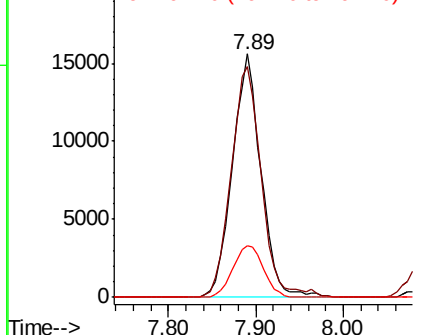
#35
 Dibromofluoromethane
 Concen: 10.123 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:113 Resp: 35553
 Ion Ratio Lower Upper
 113 100
 111 99.9 81.4 122.2
 192 22.3 17.8 26.8

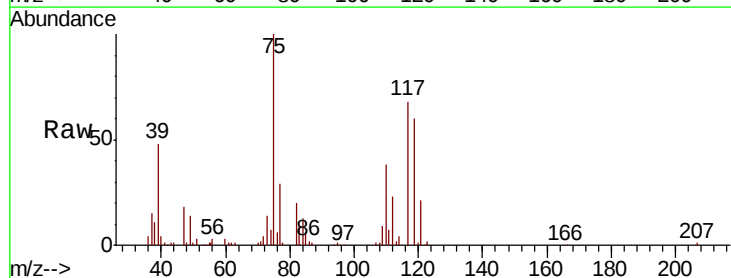


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

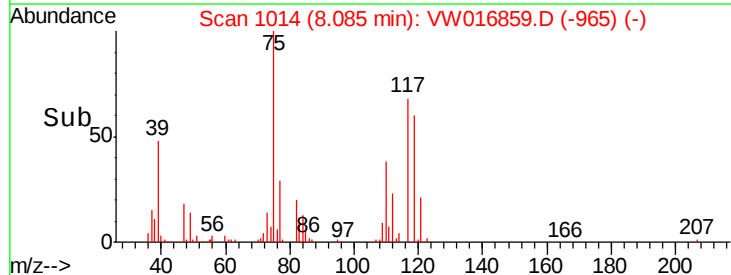
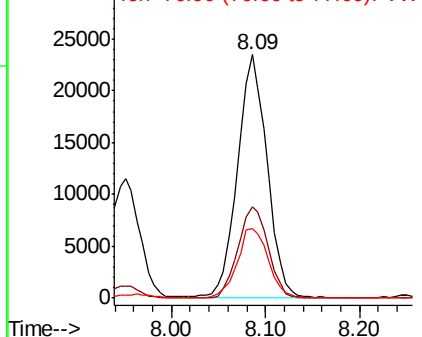


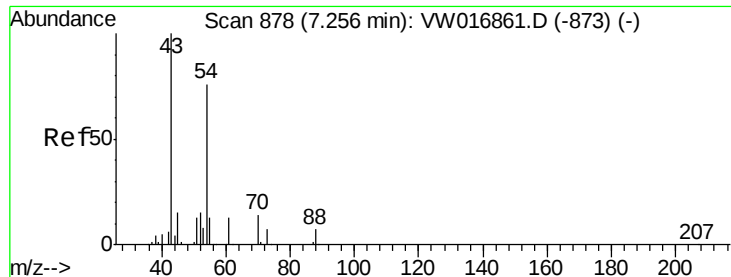
#36
 1,1-Dichloropropene
 Concen: 10.440 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion: 75 Resp: 51731
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.3 57.9
 77 30.0 25.0 37.6



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

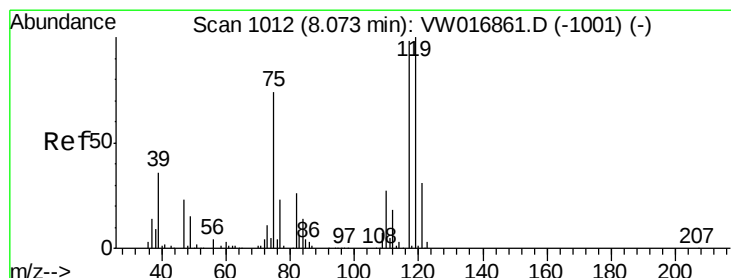
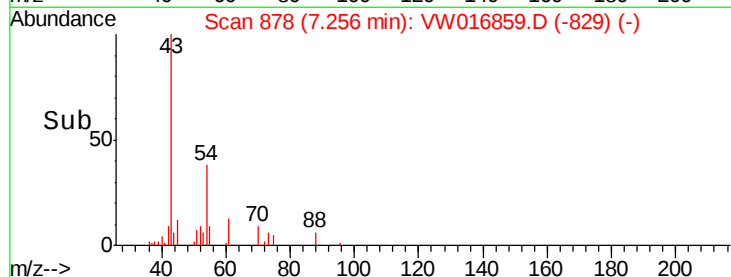
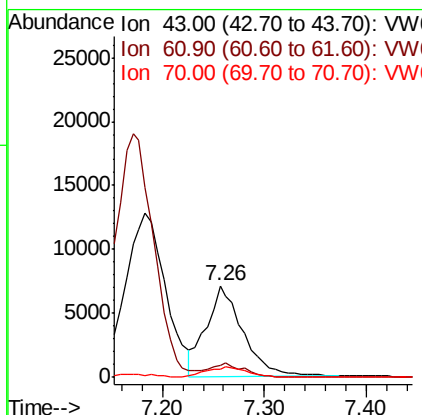
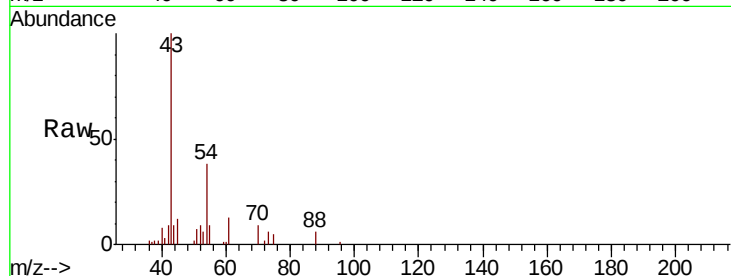




#37
Ethyl Acetate
Concen: 11.016 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

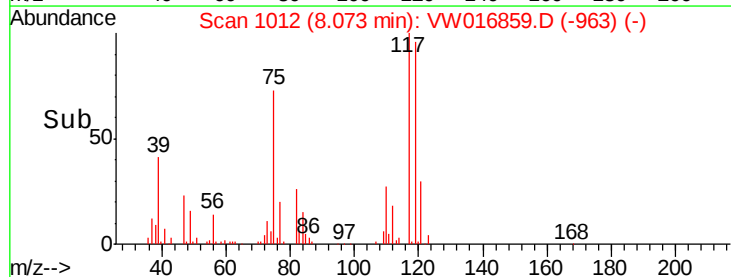
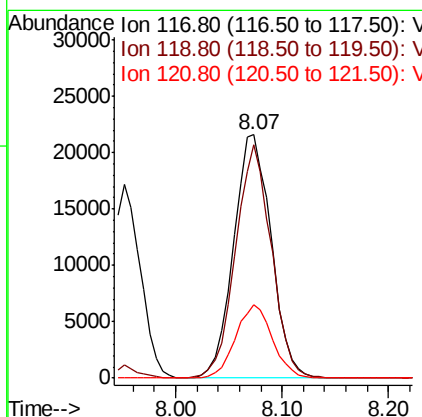
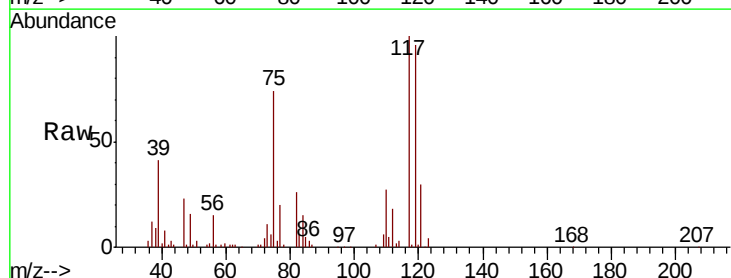
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

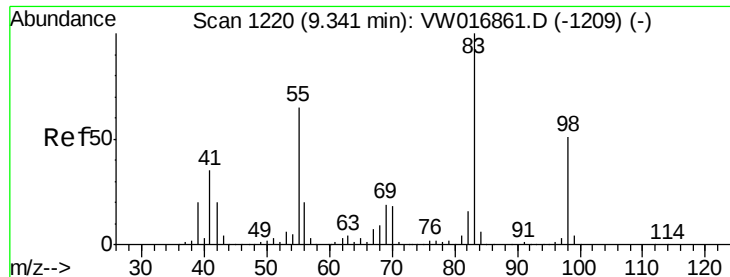
Tot Ion: 43 Resp: 17829
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 12.6 9.9 14.9



#38
Carbon Tetrachloride
Concen: 10.384 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 117 Resp: 53487
Ion Ratio Lower Upper
117 100
119 95.9 81.6 122.4
121 30.3 25.7 38.5





#39

Methvlcvclohexane

Concen: 10.100 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

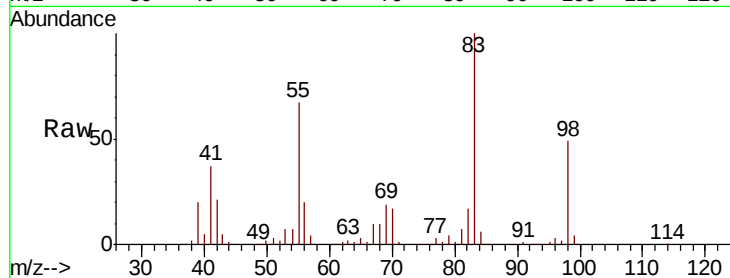
Tot Ion: 83 Resp: 57054

Ion Ratio Lower Upper

83 100

55 67.4 51.7 77.5

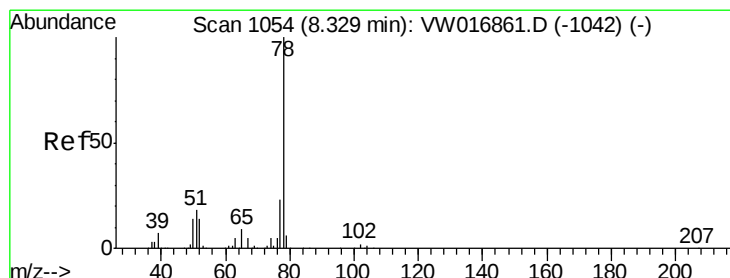
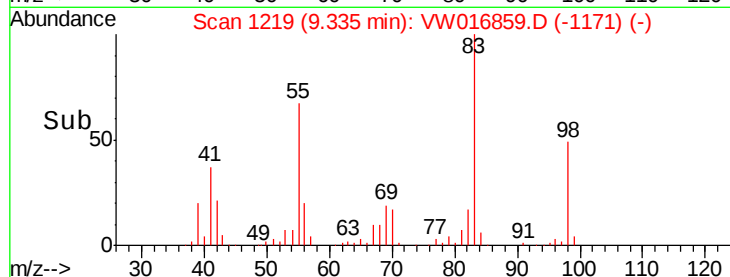
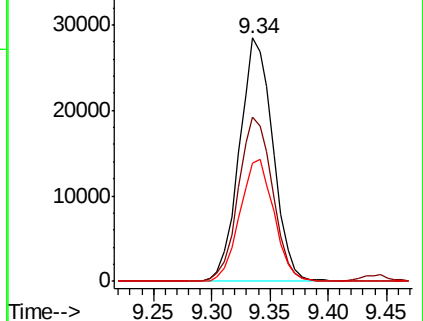
98 48.5 41.0 61.4



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 10.453 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW016859.D

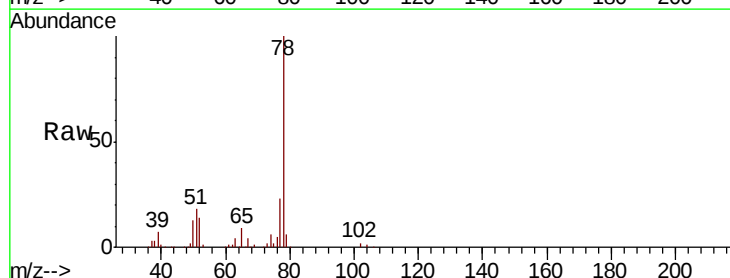
Acq: 09 Oct 2020 14:13

Tgt Ion: 78 Resp: 144280

Ion Ratio Lower Upper

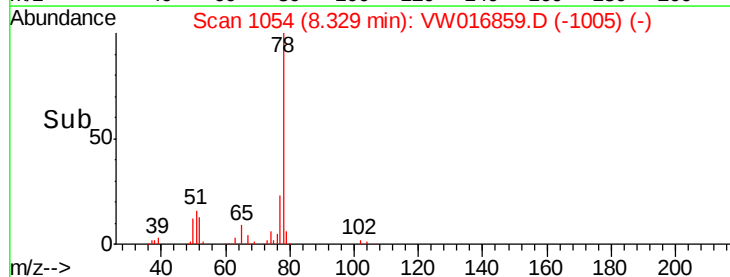
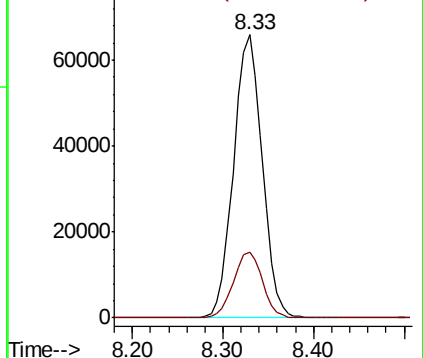
78 100

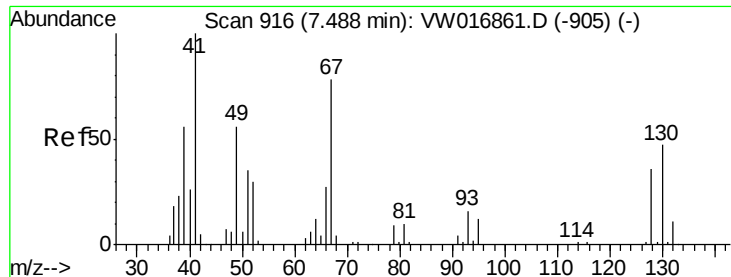
77 23.3 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

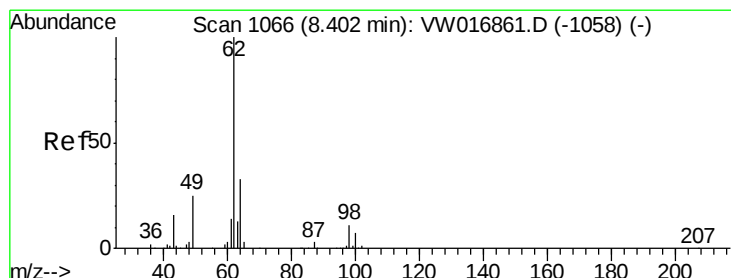
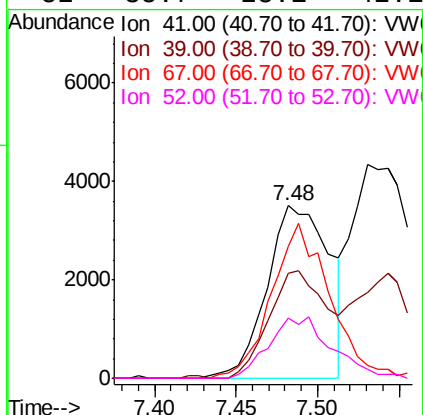
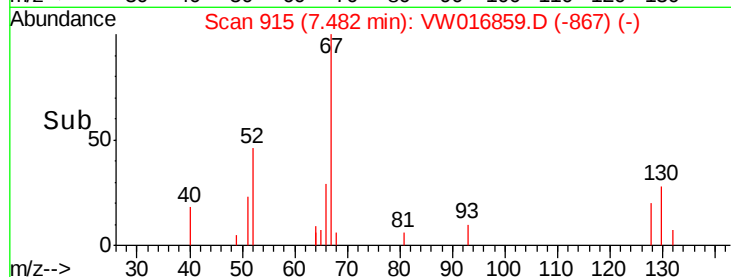
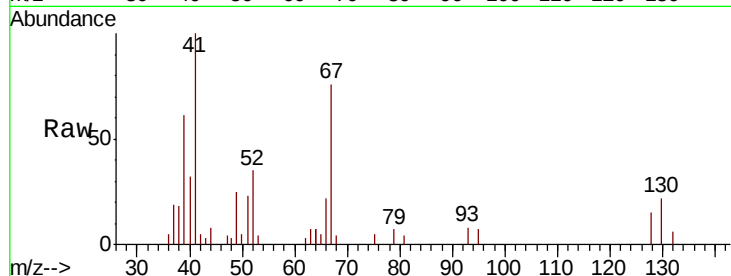




#41
Methacrylonitrile
Concen: 13.380 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

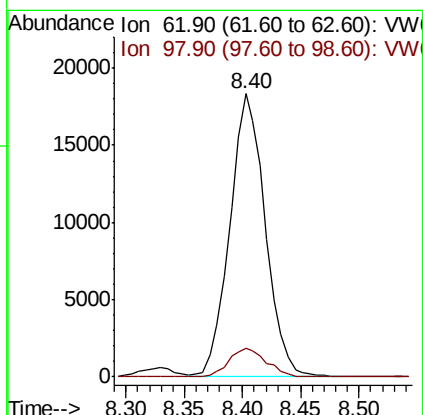
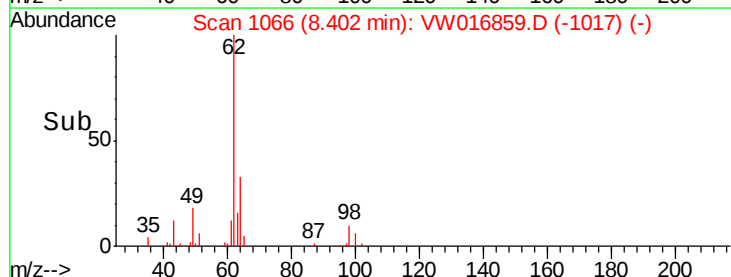
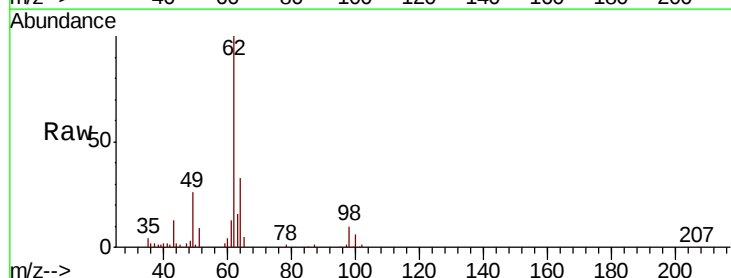
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

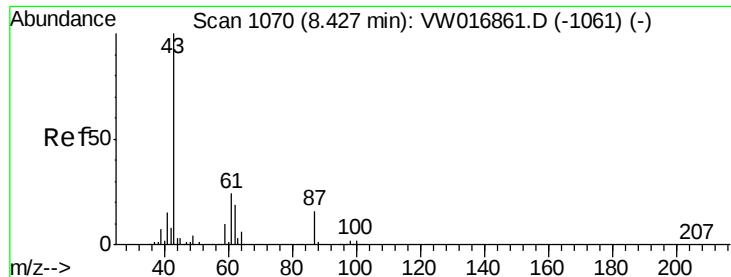
Tot Ion: 41 Resp: 9292
Ion Ratio Lower Upper
41 100
39 57.8 47.0 70.6
67 83.6 68.6 102.8
52 35.7 28.1 42.1



#42
1,2-Dichloroethane
Concen: 10.249 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 62 Resp: 38696
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.0





#43

Isopropyl Acetate

Concen: 9.976 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

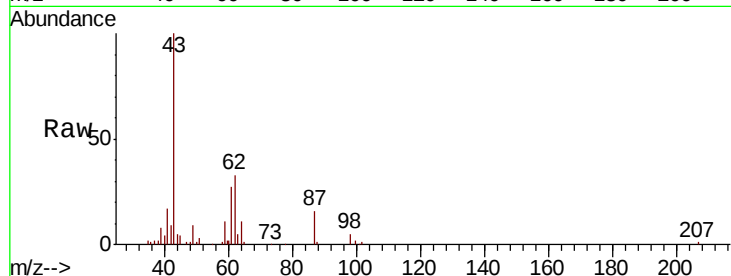
Tot Ion: 43 Resp: 30932

Ion Ratio Lower Upper

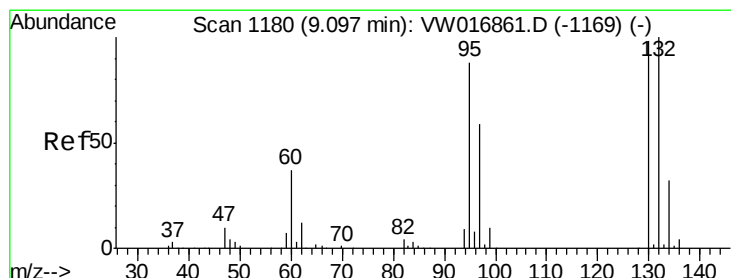
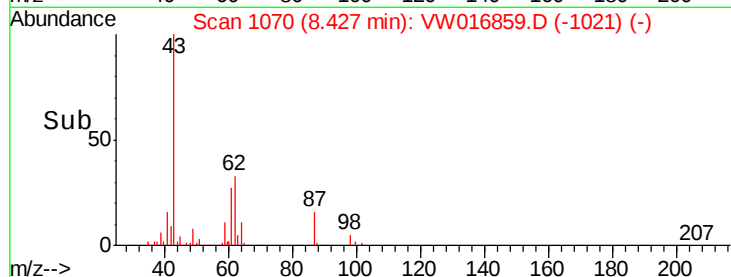
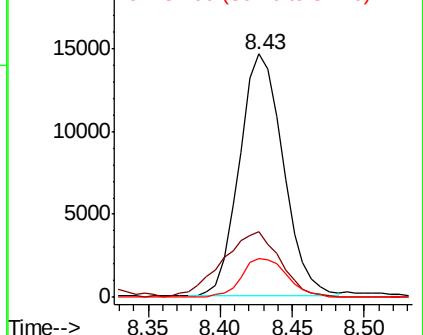
43 100

61 35.7 27.5 41.3

87 16.7 13.6 20.4



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



#44

Trichloroethene

Concen: 10.316 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016859.D

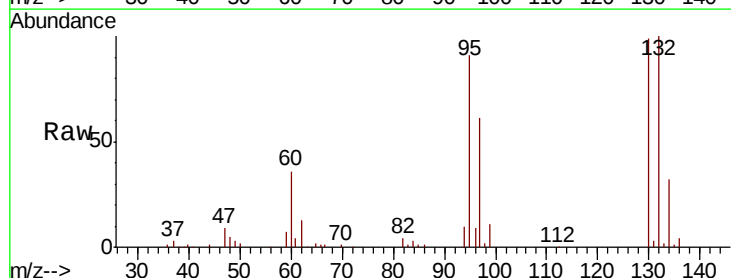
Acq: 09 Oct 2020 14:13

Tgt Ion: 130 Resp: 44072

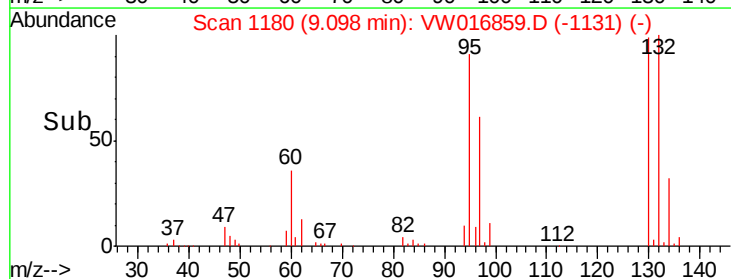
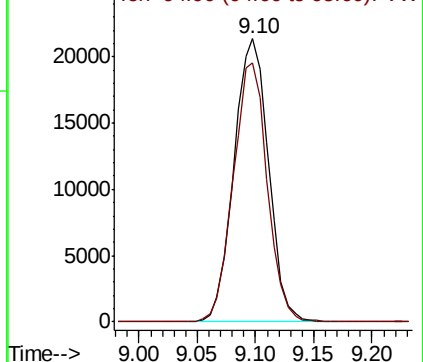
Ion Ratio Lower Upper

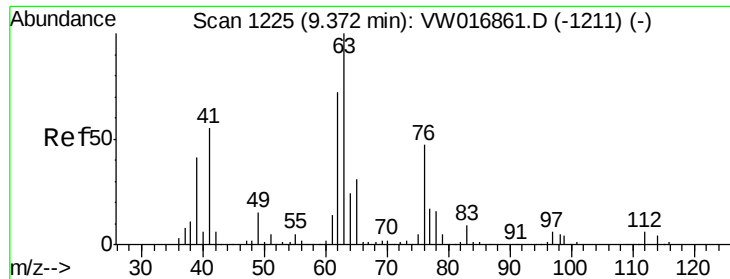
130 100

95 91.5 0.0 180.2



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

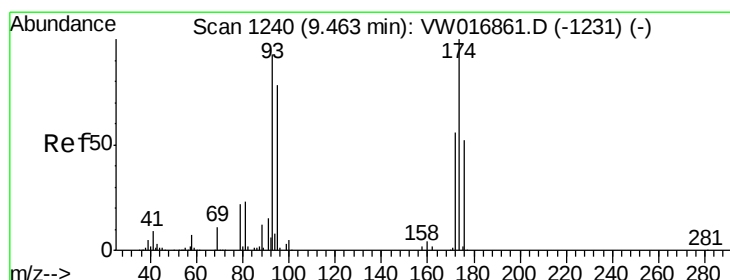
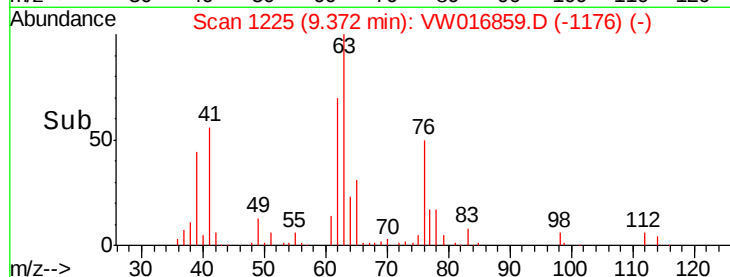
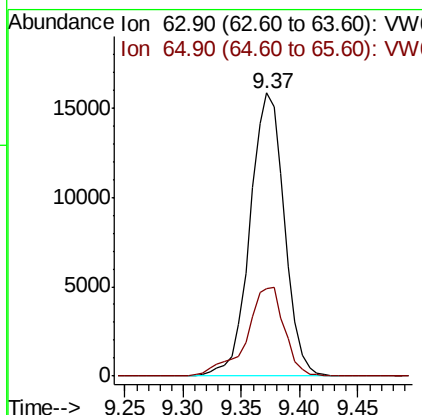
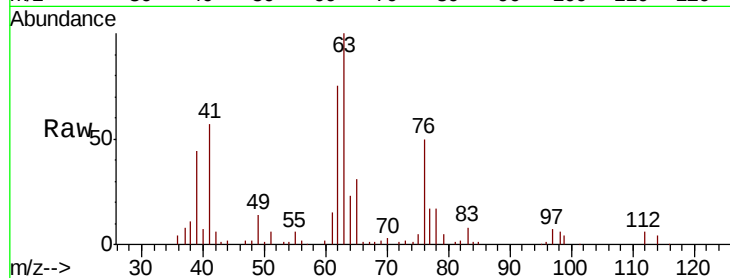




#45
 1,2-Dichloropropane
 Concen: 10.347 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

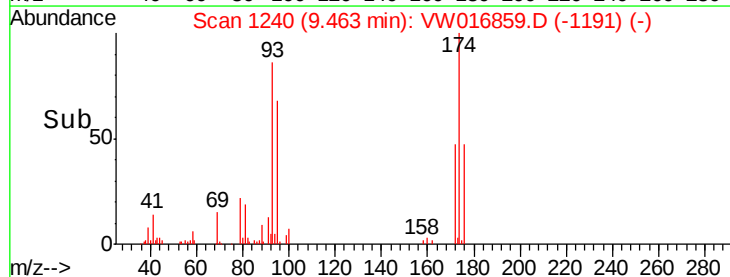
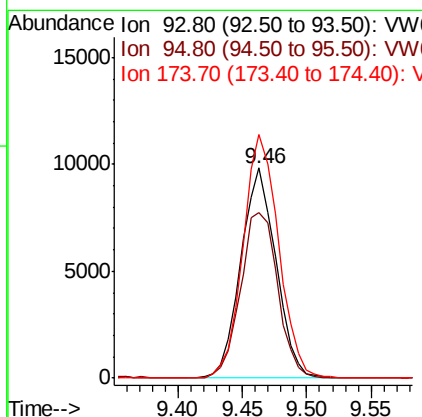
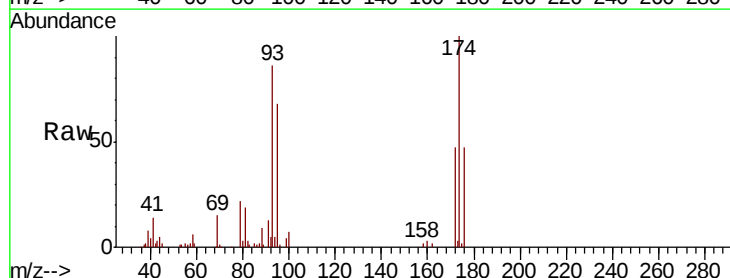
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

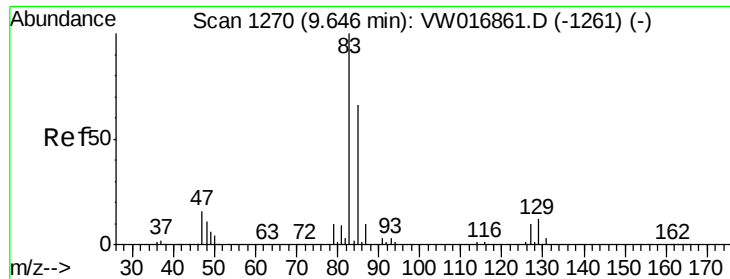
Tot Ion: 63 Resp: 32569
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.1 37.7



#46
 Dibromomethane
 Concen: 10.317 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion: 93 Resp: 18574
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 117.1 91.0 136.6





#47

Bromodichloromethane

Concen: 9.998 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

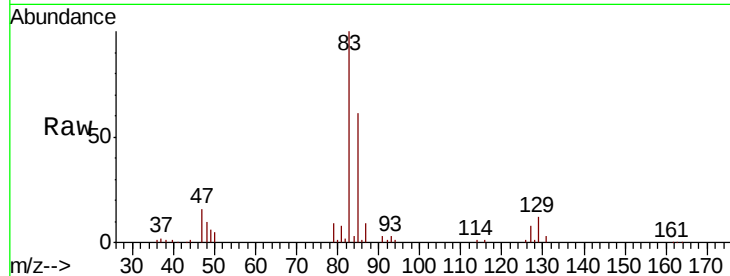
Tot Ion: 83 Resp: 44756

Ion Ratio Lower Upper

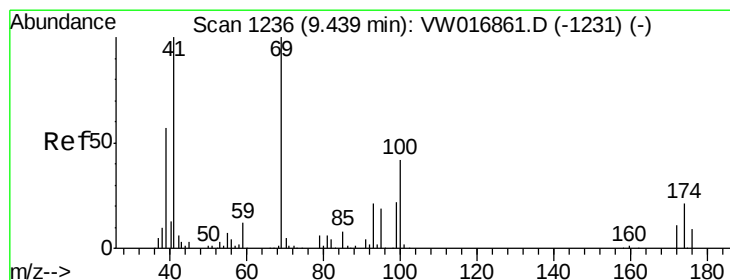
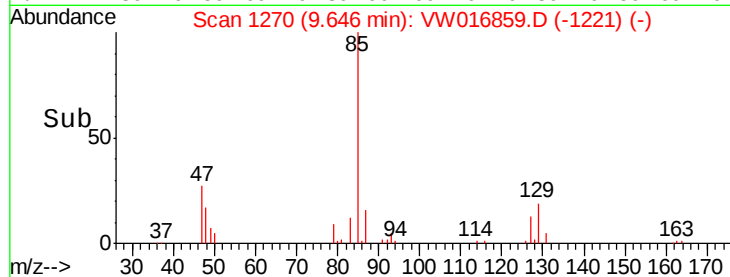
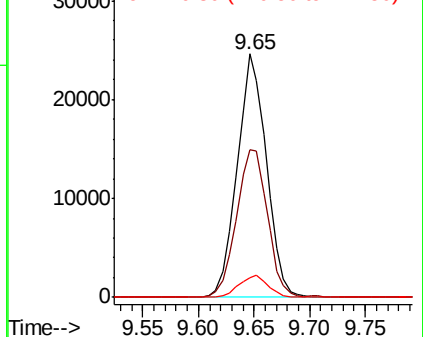
83 100

85 60.5 52.7 79.1

127 8.0 7.8 11.6



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): VW



#48

Methyl methacrylate

Concen: 10.036 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

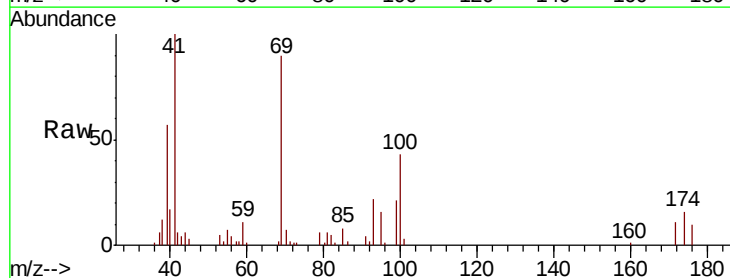
Tgt Ion: 41 Resp: 14339

Ion Ratio Lower Upper

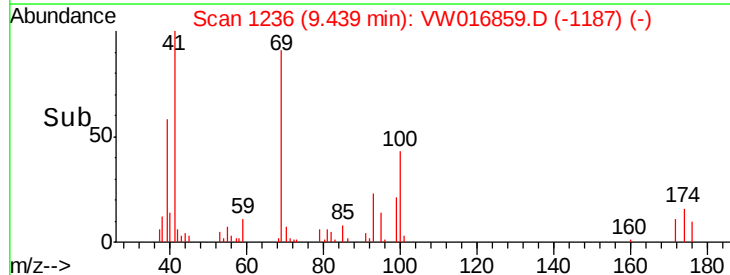
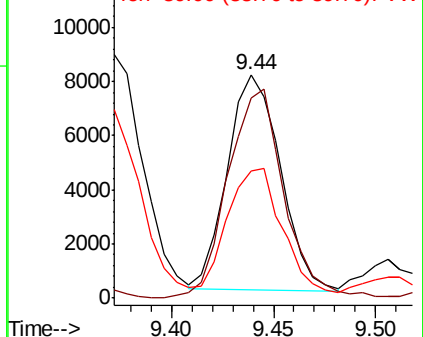
41 100

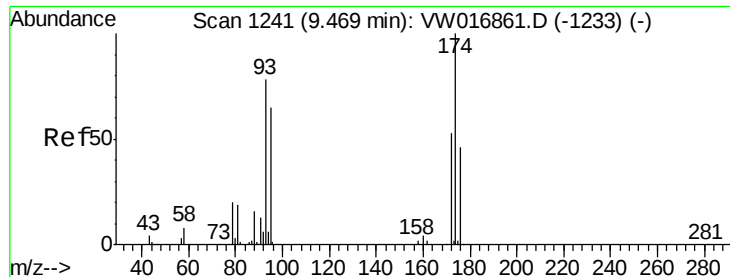
69 103.3 83.5 125.3

39 65.0 50.9 76.3



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: 199.382 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

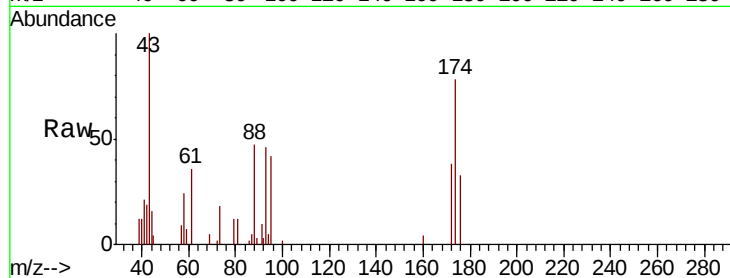
Tot Ion: 88 Resp: 4129

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

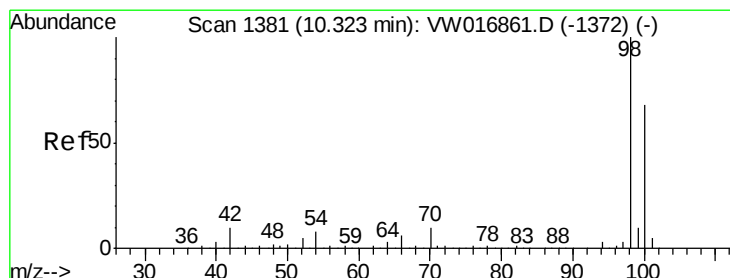
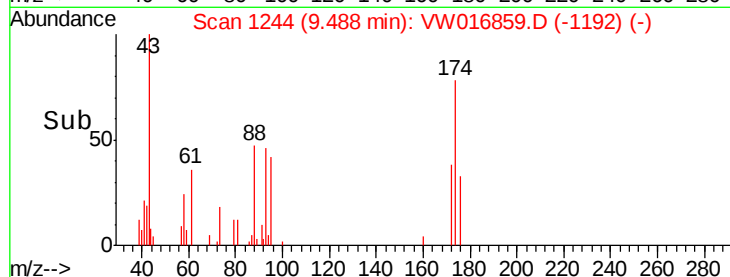
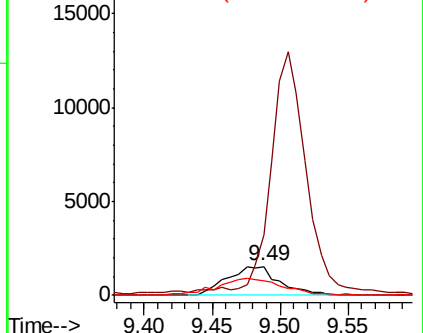
58 72.0 54.0 81.0



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: 9.915 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016859.D

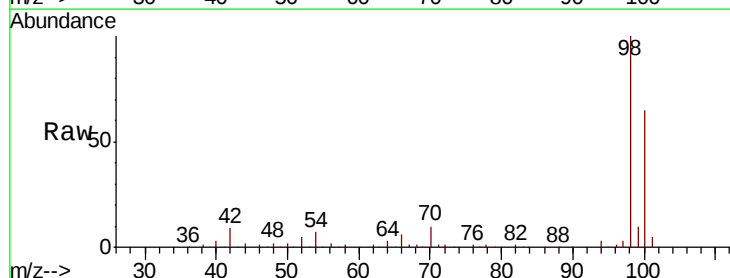
Acq: 09 Oct 2020 14:13

Tgt Ion: 98 Resp: 130574

Ion Ratio Lower Upper

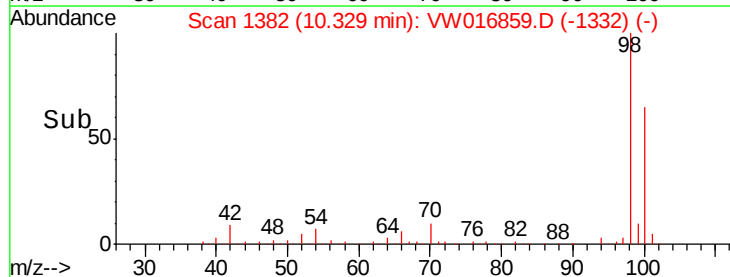
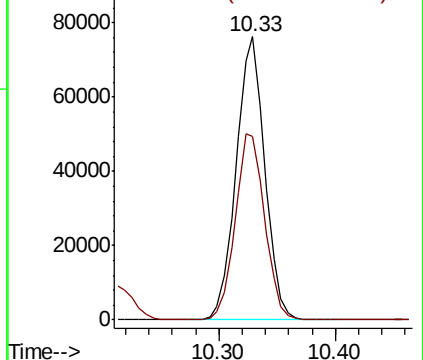
98 100

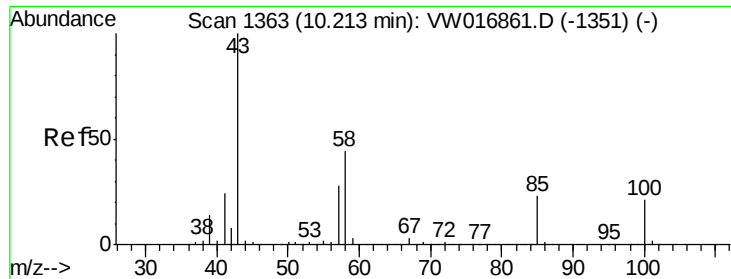
100 67.4 53.3 79.9



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: 52.125 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

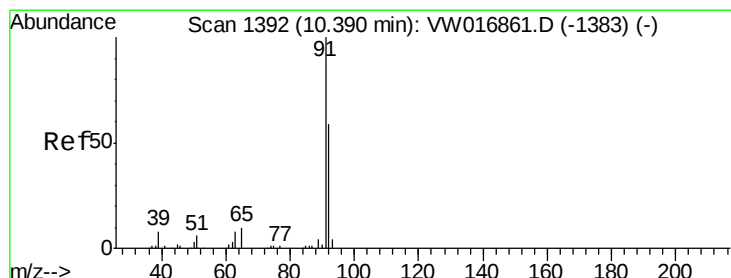
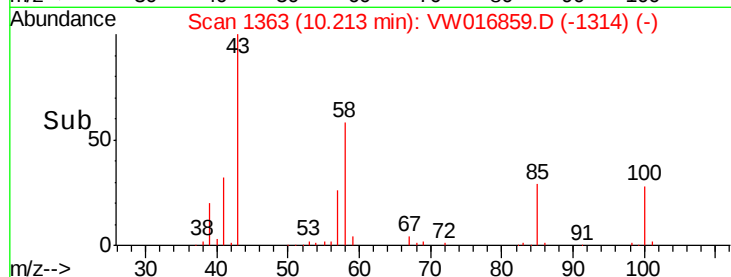
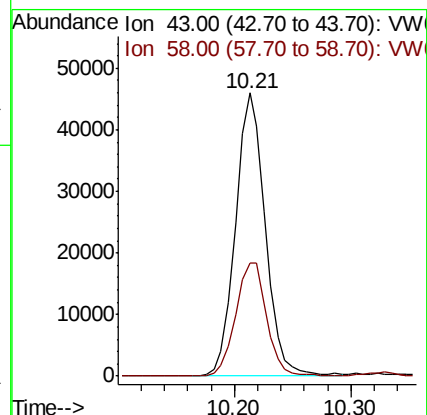
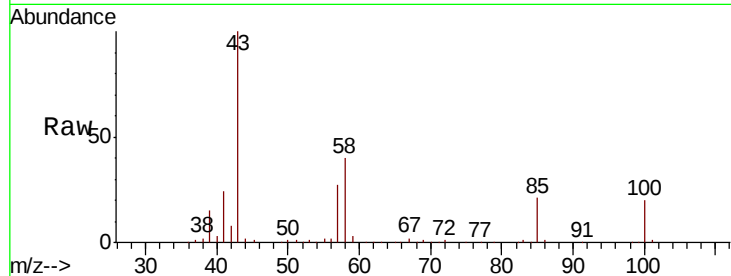
VSTDIC010

Tot Ion: 43 Resp: 81761

Ion Ratio Lower Upper

43 100

58 41.7 34.7 52.1



#52

Toluene

Concen: 10.125 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016859.D

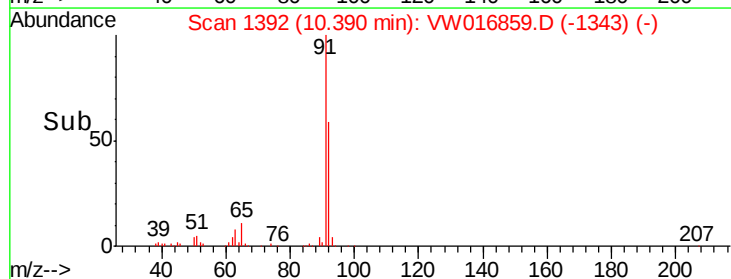
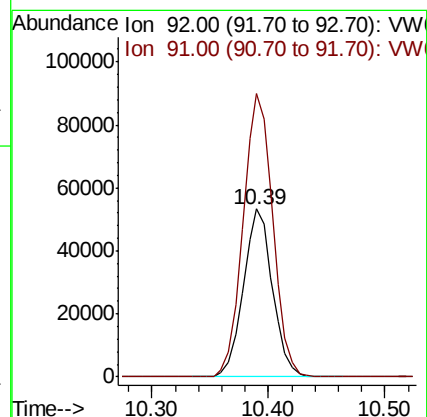
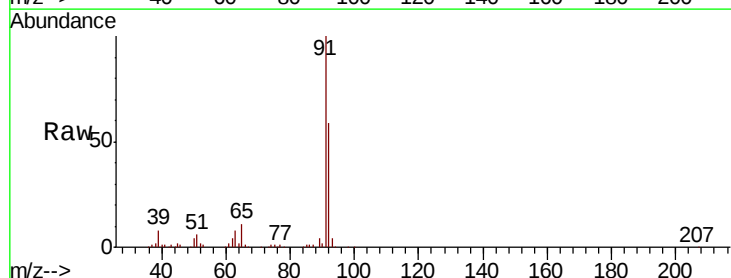
Acq: 09 Oct 2020 14:13

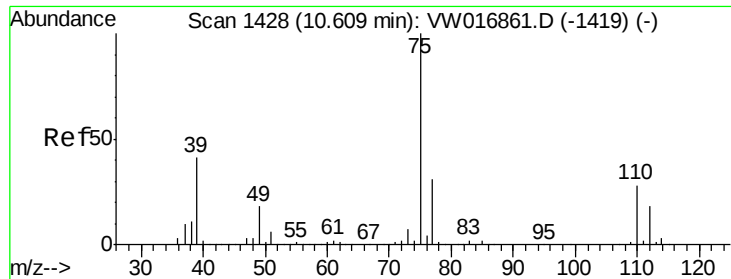
Tgt Ion: 92 Resp: 92387

Ion Ratio Lower Upper

92 100

91 172.5 134.7 202.1

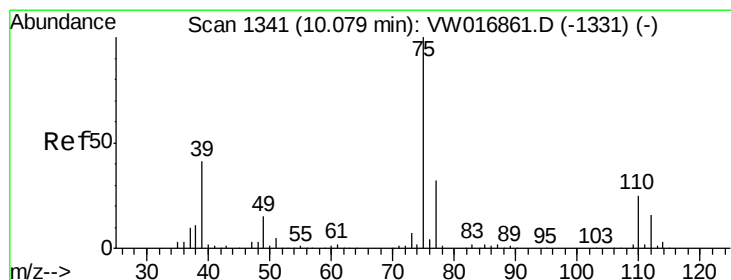
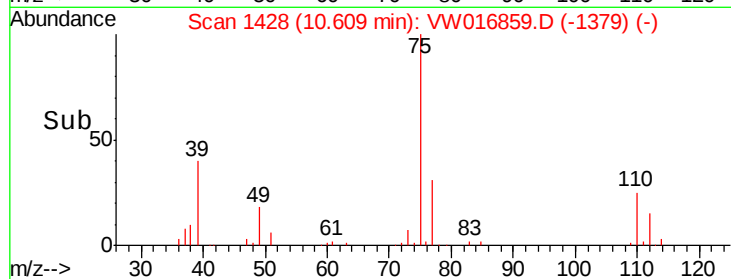
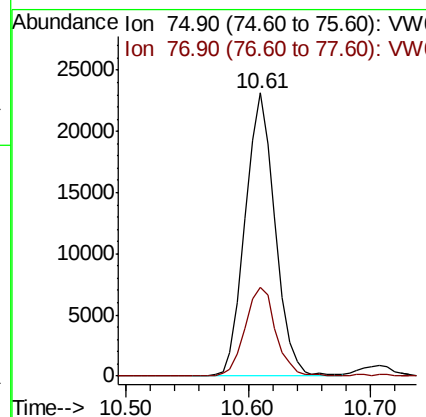
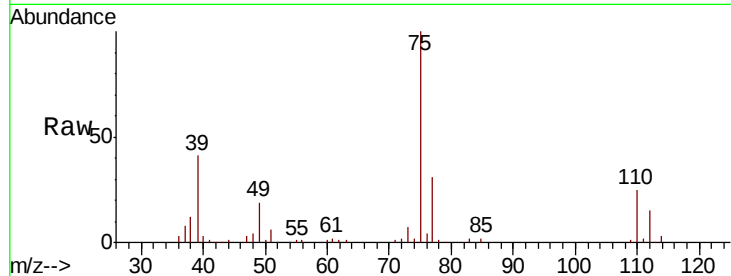




#53
 t-1,3-Dichloropropene
 Concen: 9.636 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

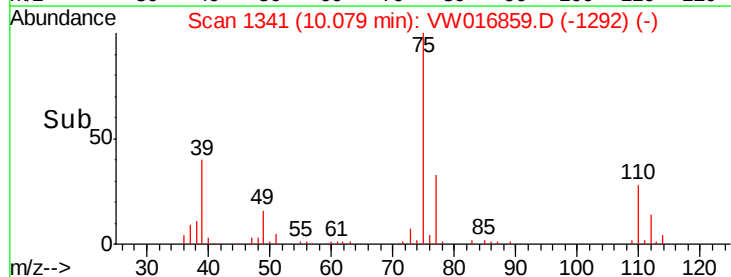
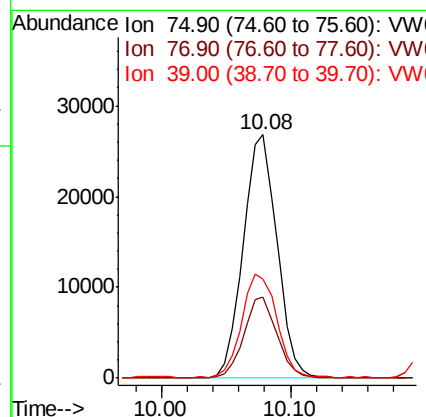
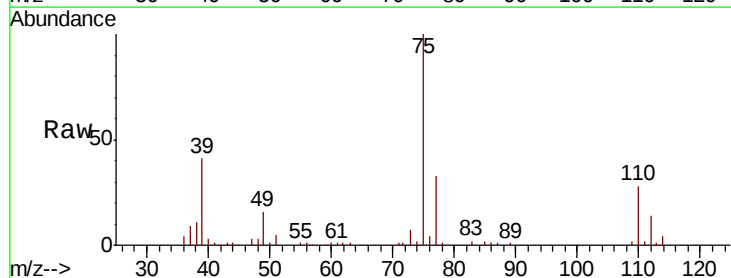
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

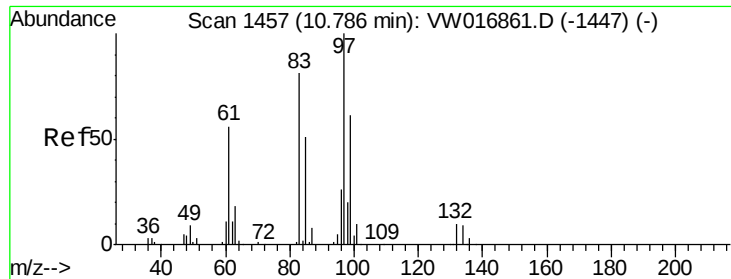
Tot Ion: 75 Resp: 39268
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 9.757 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion: 75 Resp: 48567
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.6
 39 40.5 32.9 49.3

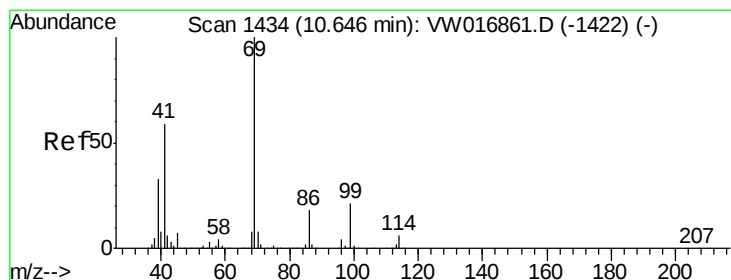
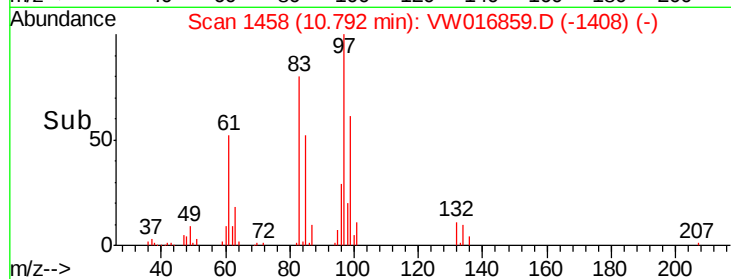
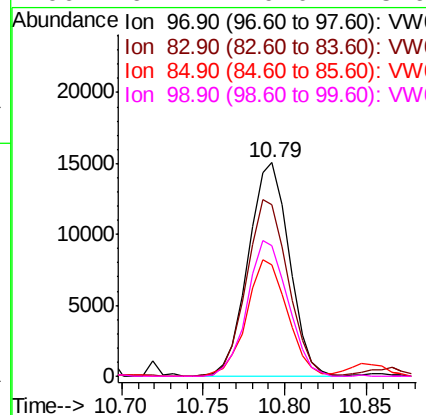
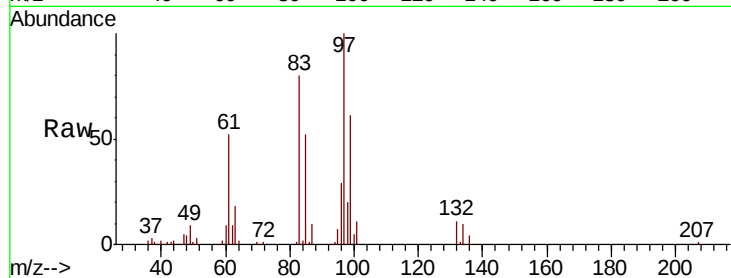




#55
 1,1,2-Trichloroethane
 Concen: 10.306 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

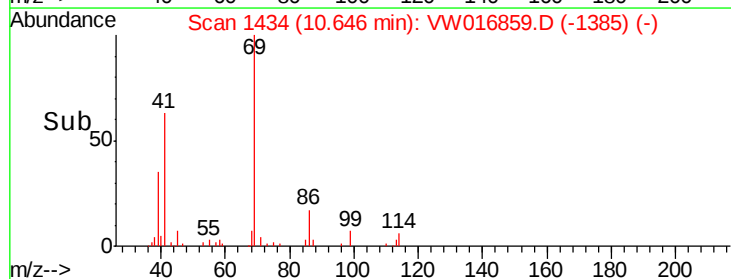
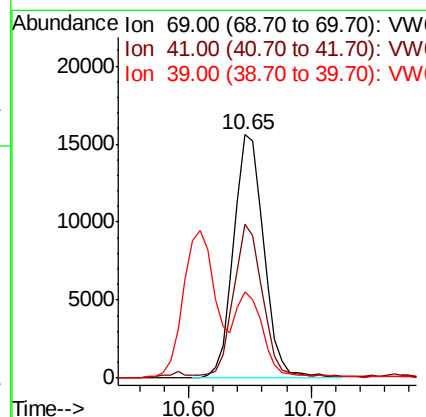
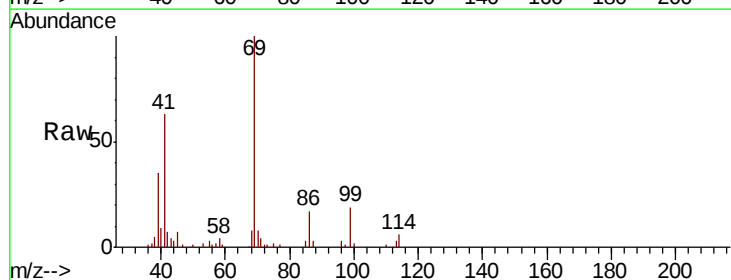
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

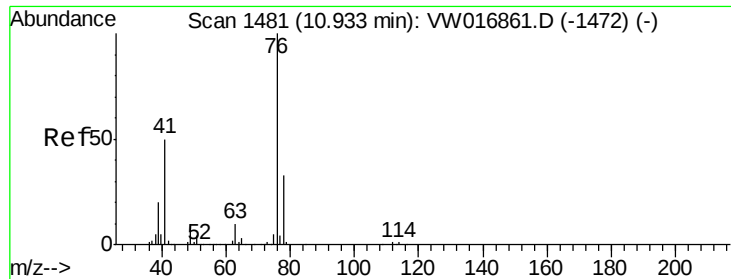
Tot Ion:	97	Resp:	26410
Ion	Ratio	Lower	Upper
97	100		
83	80.2	64.6	97.0
85	52.1	40.6	61.0
99	61.1	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 9.607 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion:	69	Resp:	26783
Ion	Ratio	Lower	Upper
69	100		
41	61.8	46.3	69.5
39	31.9	25.9	38.9

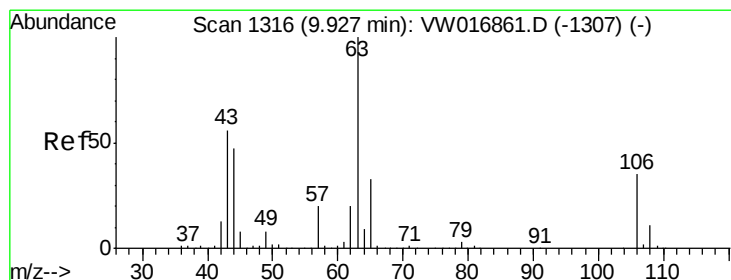
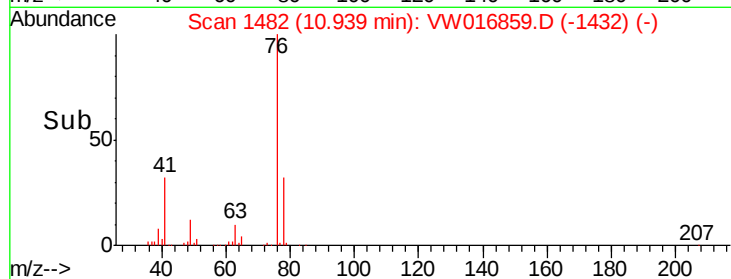
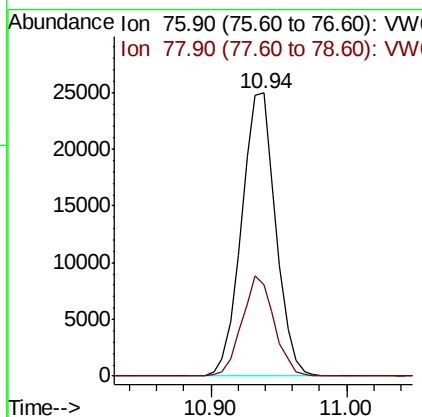
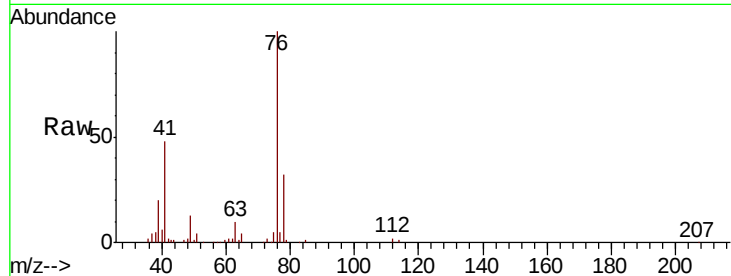




#57
 1,3-Dichloropropane
 Concen: 10.319 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

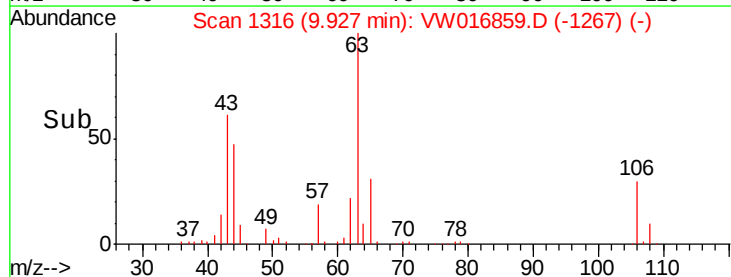
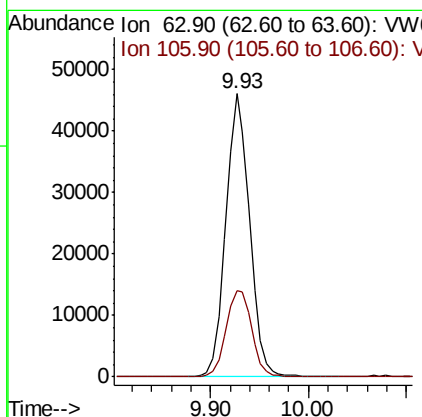
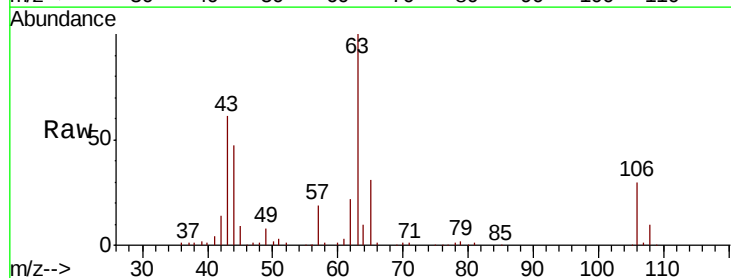
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

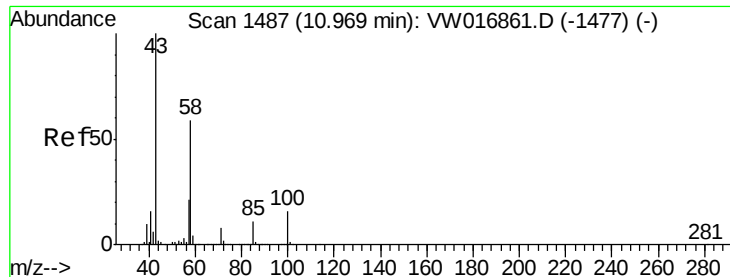
Tot Ion: 76 Resp: 43751
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 50.113 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion: 63 Resp: 77417
 Ion Ratio Lower Upper
 63 100
 106 32.8 27.0 40.4

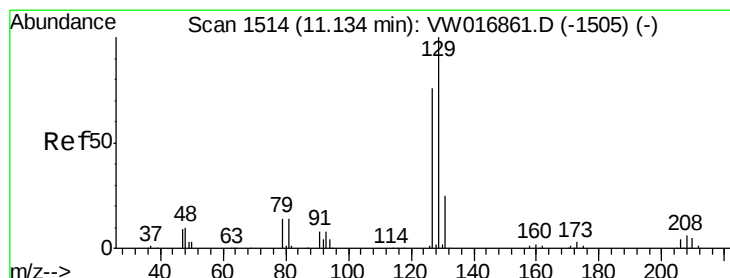
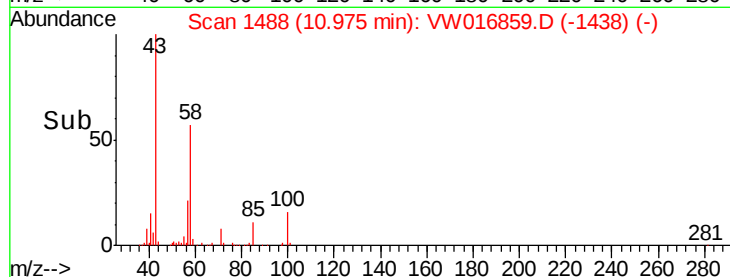
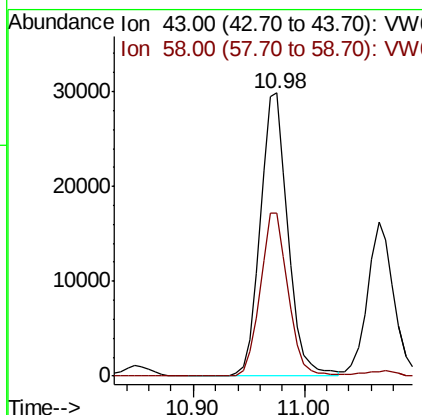
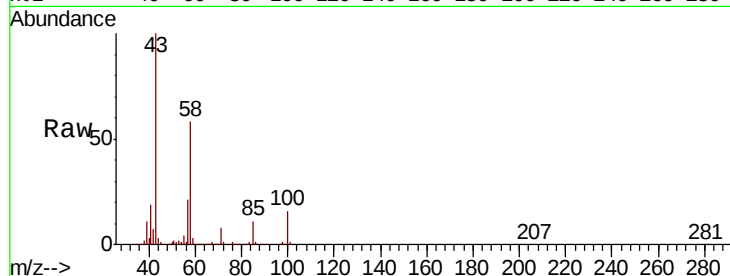




#59
2-Hexanone
Concen: 49.862 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

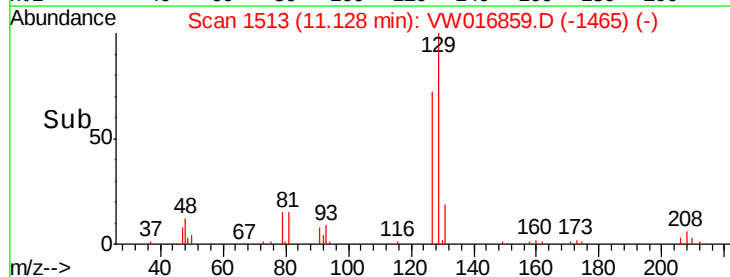
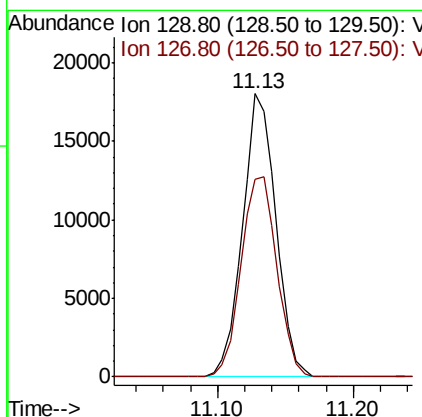
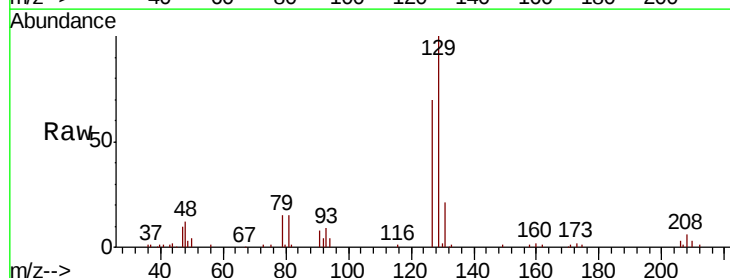
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

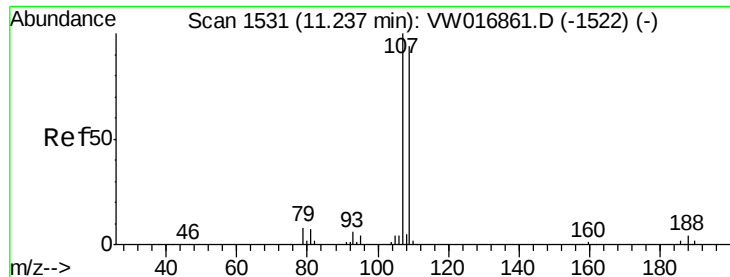
Tot Ion: 43 Resp: 51748
Ion Ratio Lower Upper
43 100
58 57.8 29.5 88.5



#60
Dibromochloromethane
Concen: 9.843 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 129 Resp: 30938
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 10.235 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

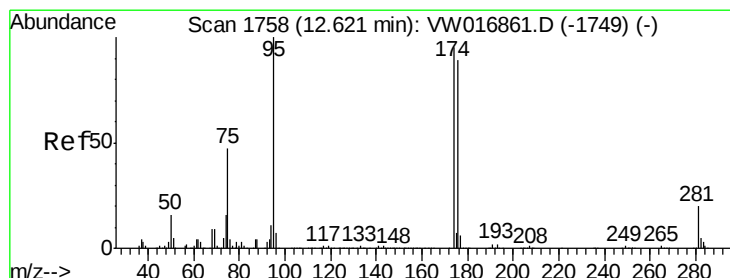
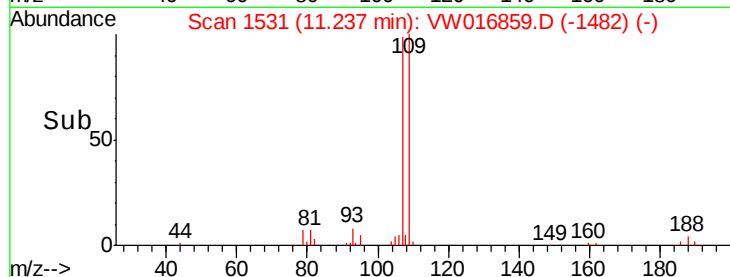
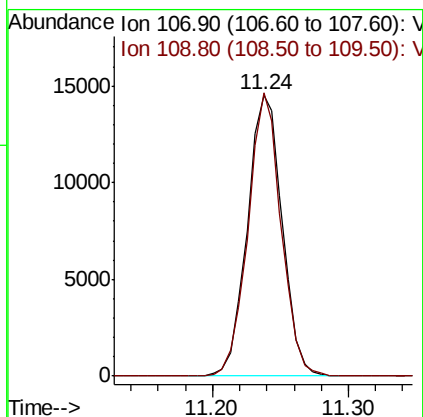
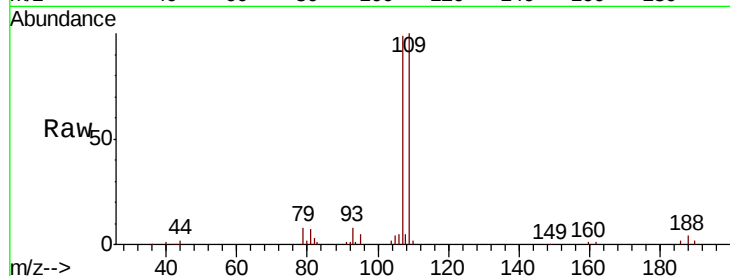
VSTDIC010

Tot Ion:107 Resp: 25975

Ion Ratio Lower Upper

107 100

109 95.9 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 9.711 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

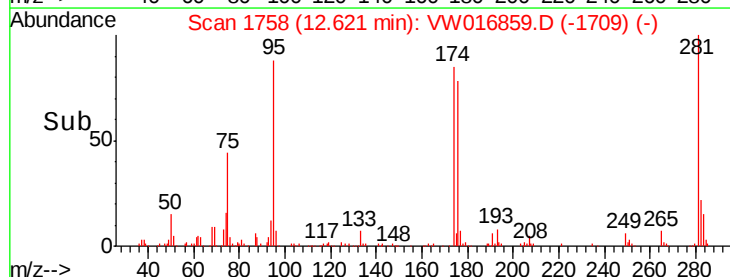
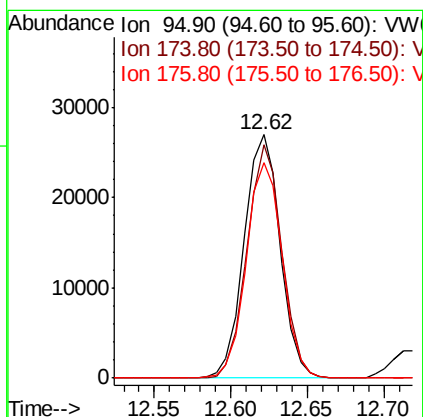
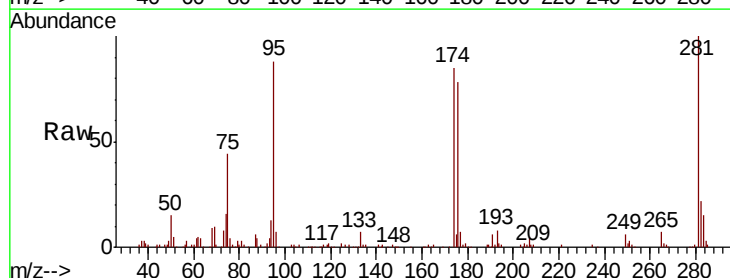
Tgt Ion: 95 Resp: 44101

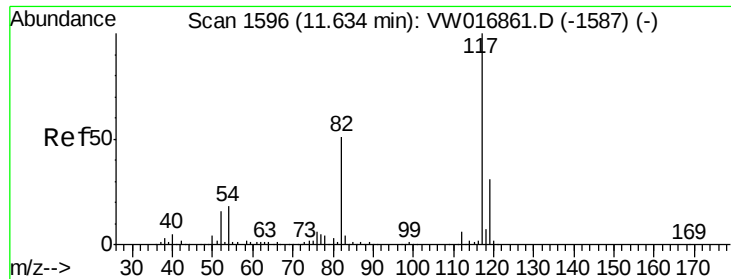
Ion Ratio Lower Upper

95 100

174 92.9 0.0 180.6

176 88.4 0.0 177.6

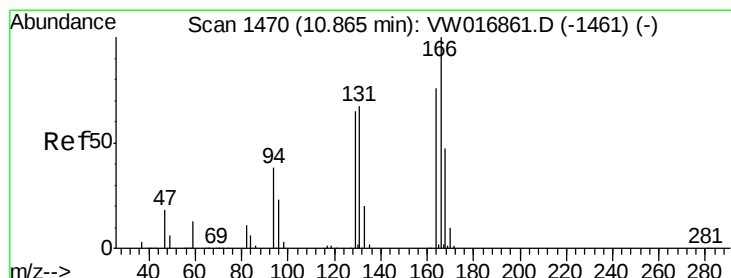
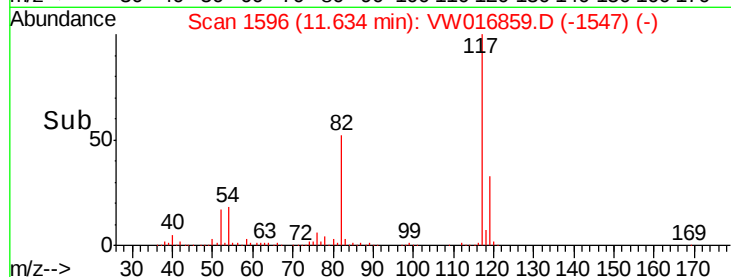
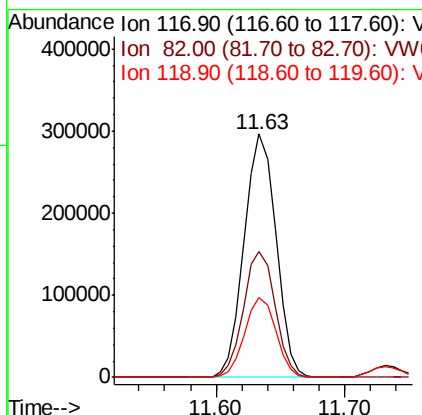
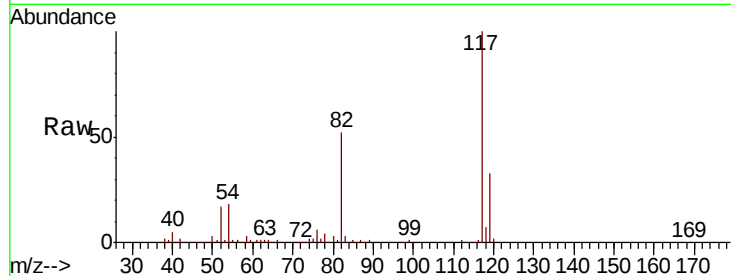




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

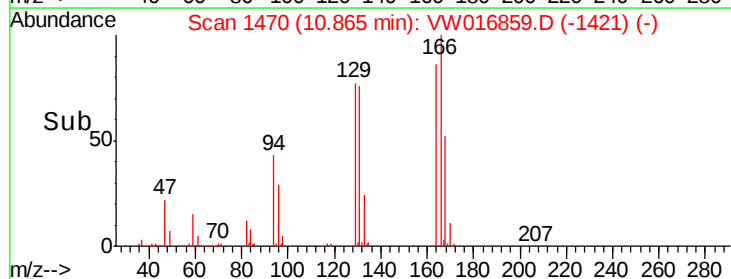
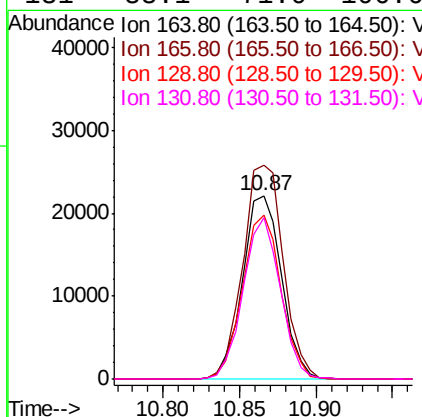
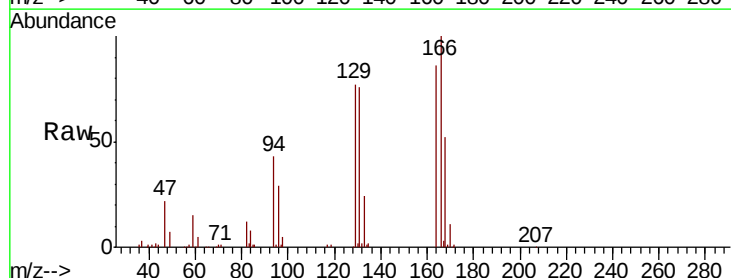
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

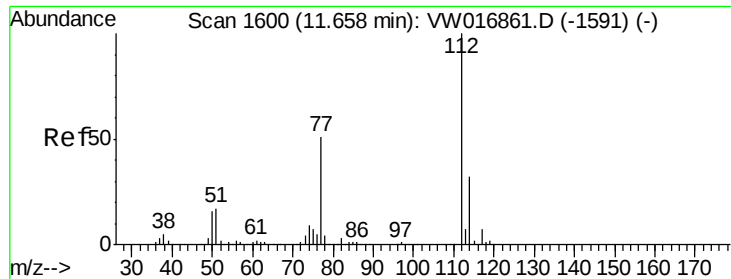
Tot Ion:117 Resp: 506532
Ion Ratio Lower Upper
117 100
82 52.0 40.7 61.1
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 10.845 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion:164 Resp: 39138
Ion Ratio Lower Upper
164 100
166 116.6 105.3 157.9
129 89.3 68.8 103.2
131 88.1 71.0 106.6

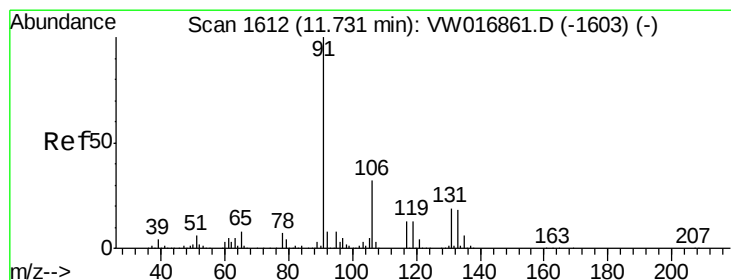
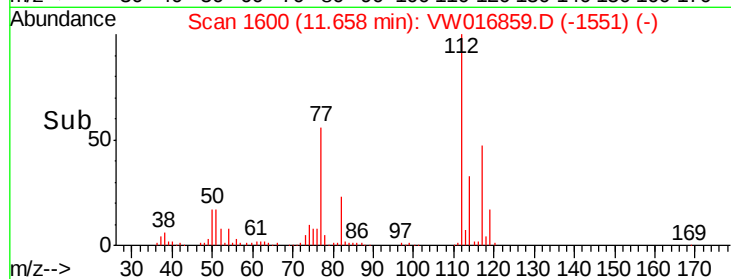
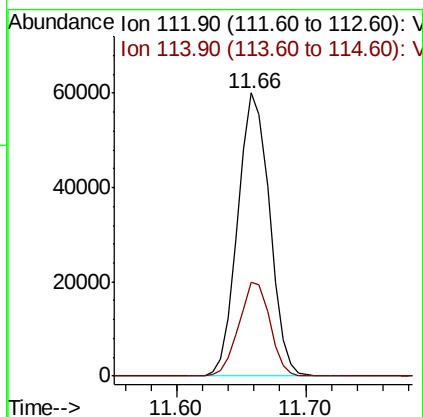
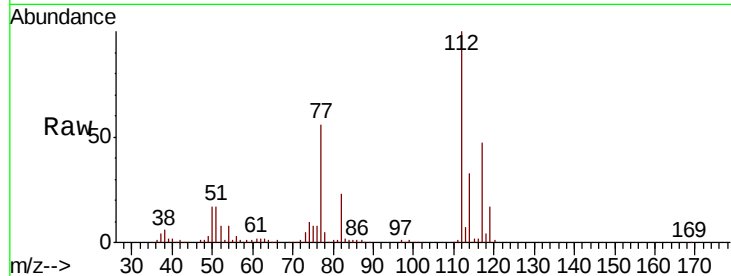




#65
Chlorobenzene
Concen: 10.358 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

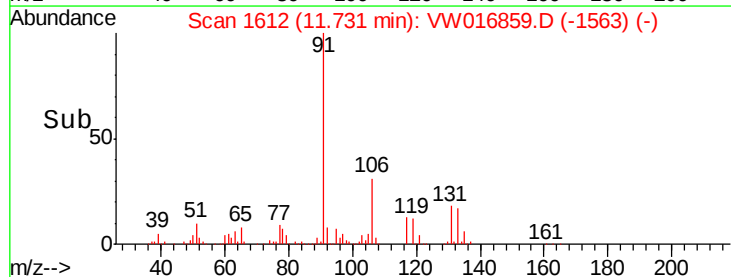
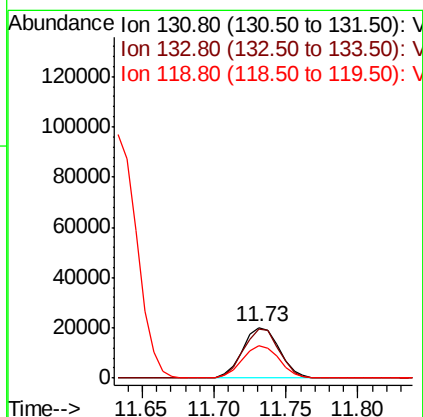
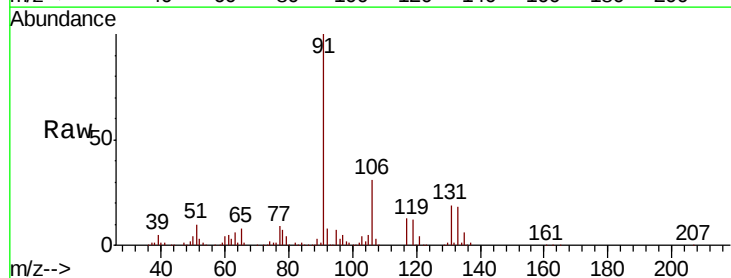
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

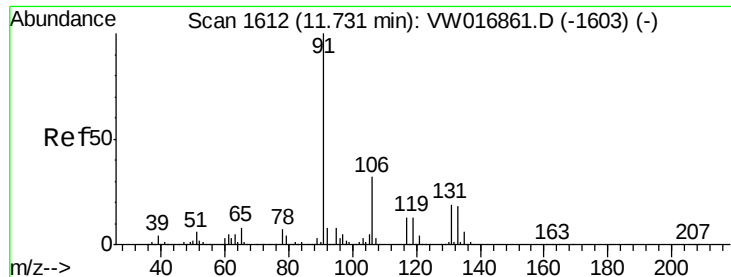
Tot Ion:112 Resp: 102910
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 10.097 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion:131 Resp: 35476
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 64.8 32.5 97.4

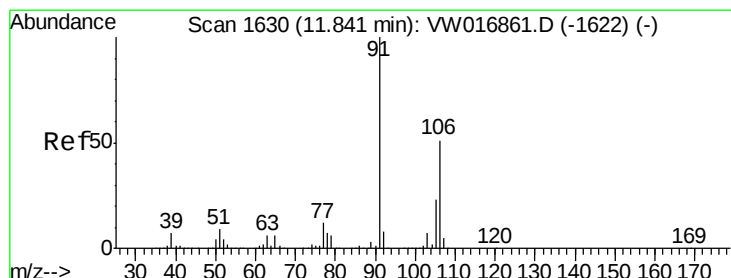
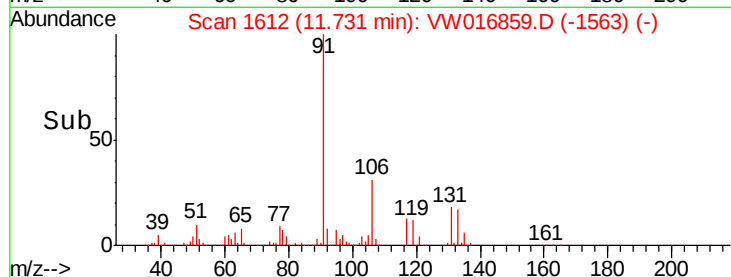
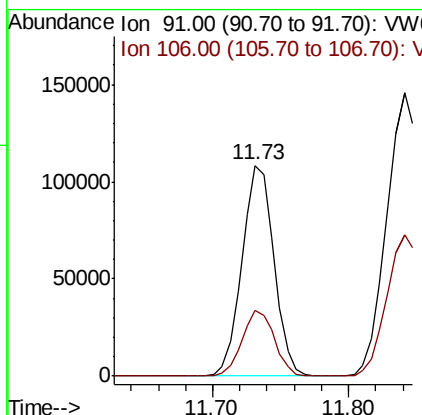
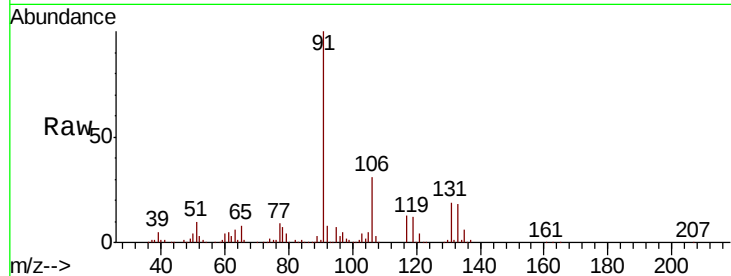




#67
Ethyl Benzene
Concen: 10.285 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

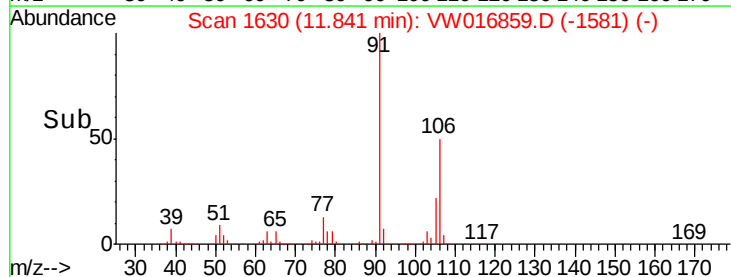
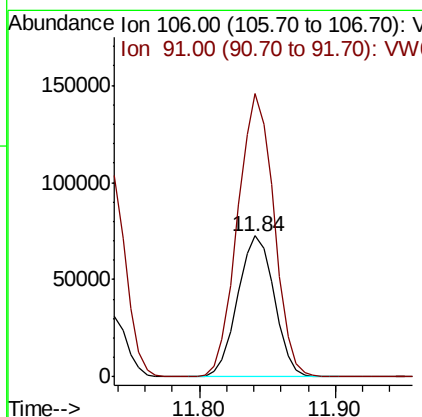
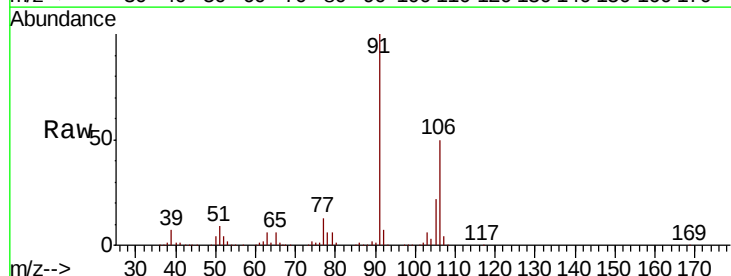
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

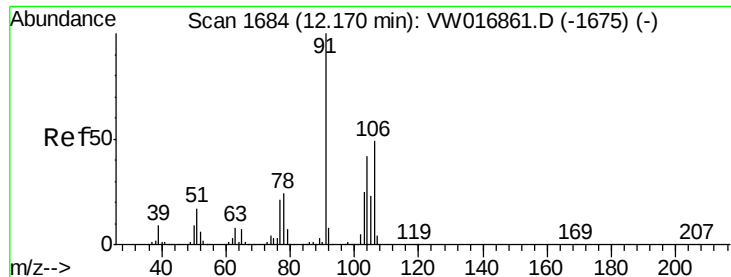
Tot Ion: 91 Resp: 178065
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 20.340 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 106 Resp: 136959
Ion Ratio Lower Upper
106 100
91 198.5 157.4 236.0

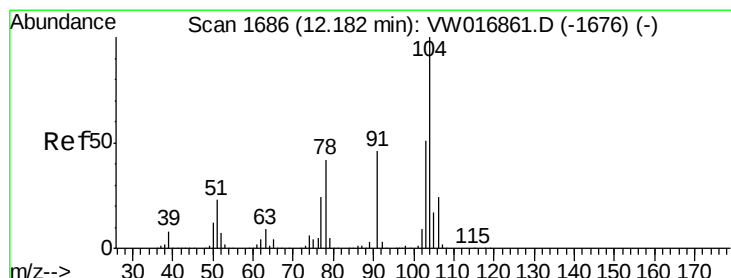
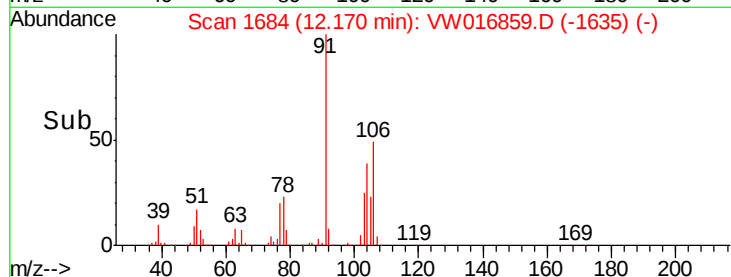
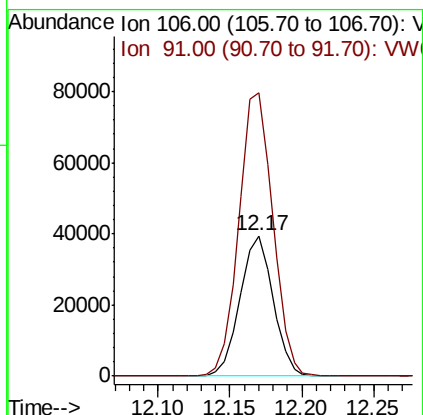
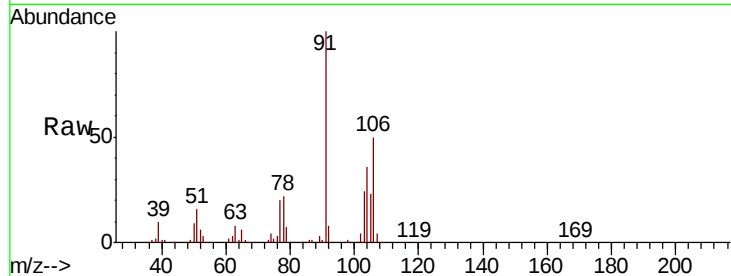




#69
o-Xylene
Concen: 10.177 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

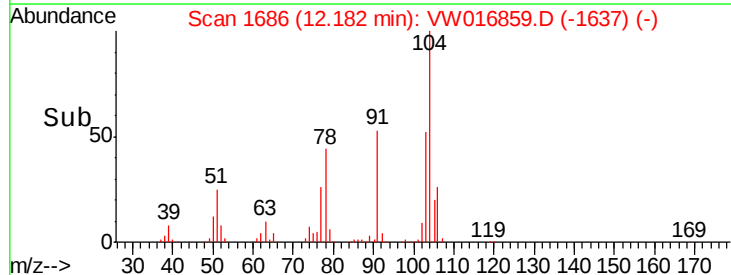
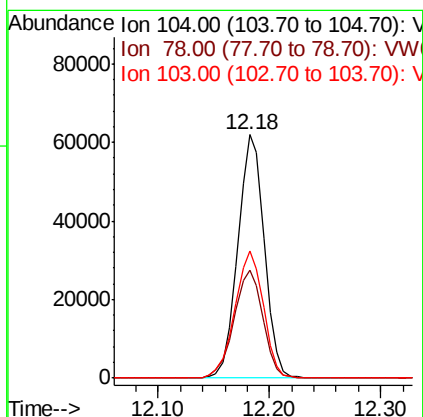
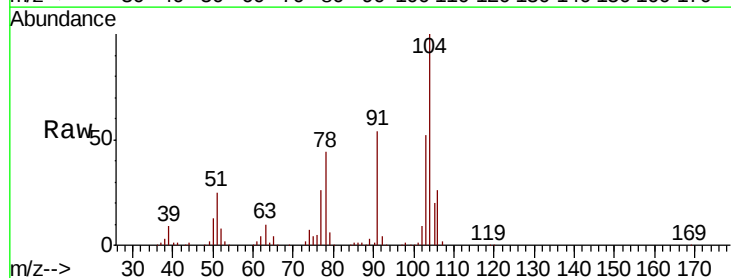
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

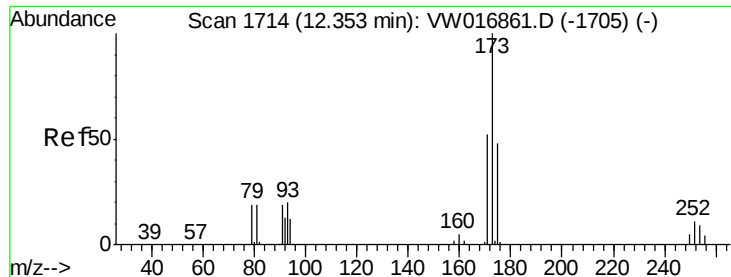
Tot Ion:106 Resp: 62886
Ion Ratio Lower Upper
106 100
91 208.1 103.6 310.9



#70
Styrene
Concen: 9.935 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion:104 Resp: 102167
Ion Ratio Lower Upper
104 100
78 48.4 37.6 56.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 9.759 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

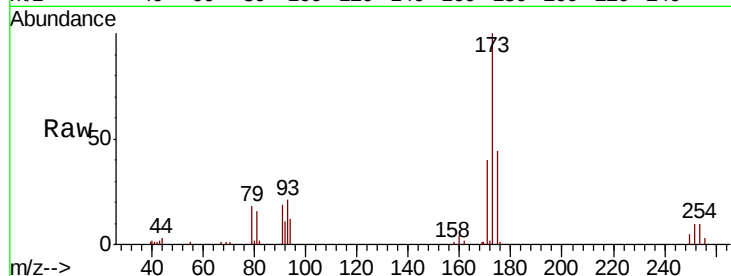
Tot Ion:173 Resp: 17214

Ion Ratio Lower Upper

173 100

175 45.0 24.7 74.1

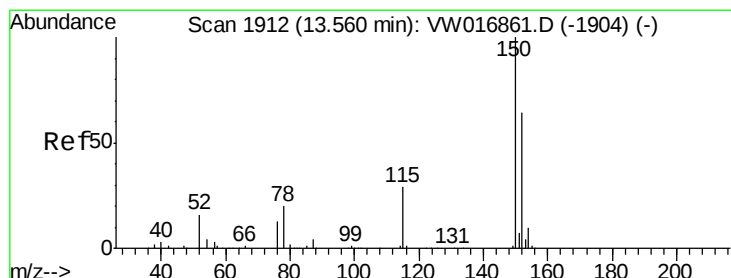
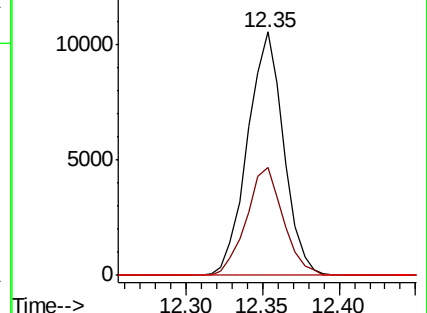
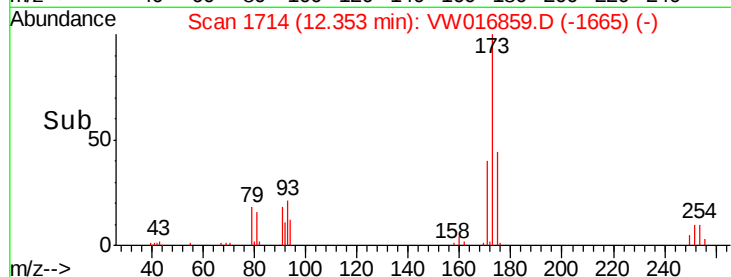
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

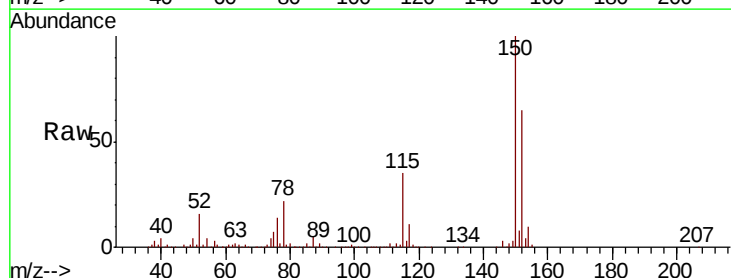
Tgt Ion:152 Resp: 263198

Ion Ratio Lower Upper

152 100

115 56.6 27.9 83.7

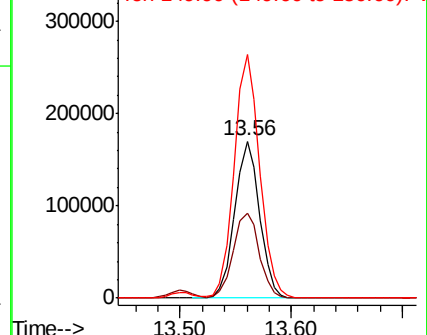
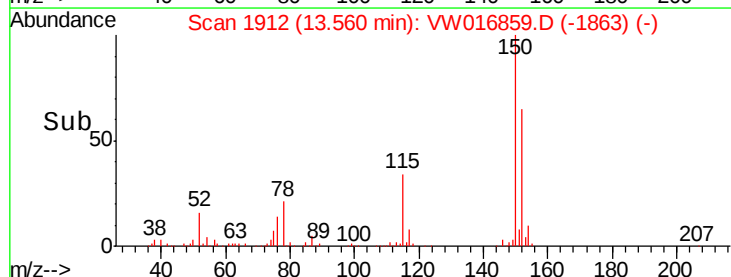
150 158.6 0.0 344.0

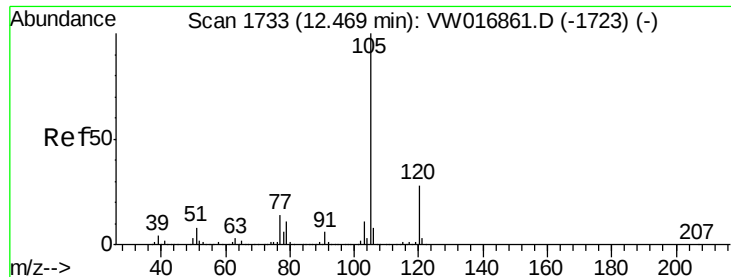


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

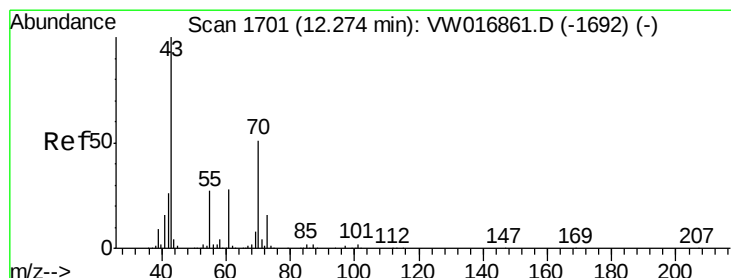
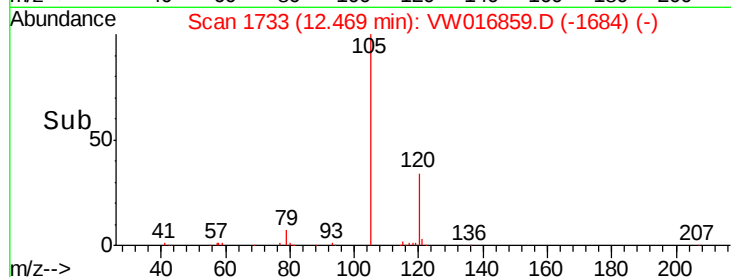
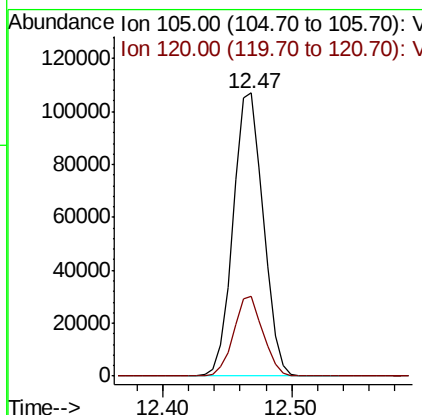
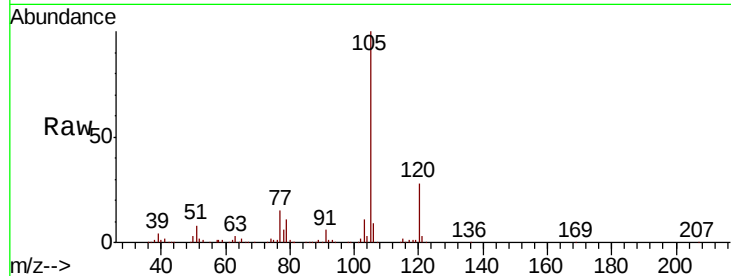




#73
Isopropylbenzene
Concen: 9.951 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

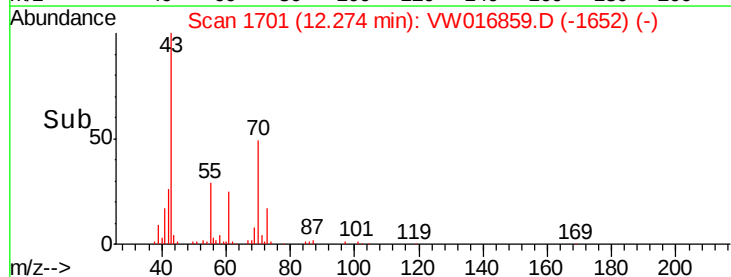
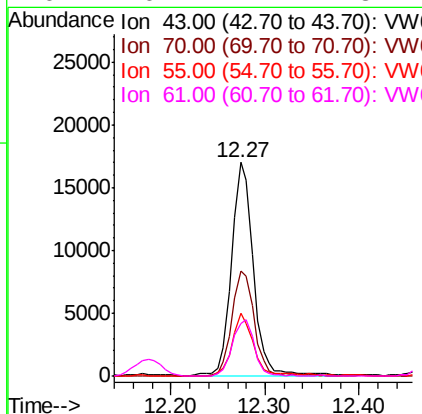
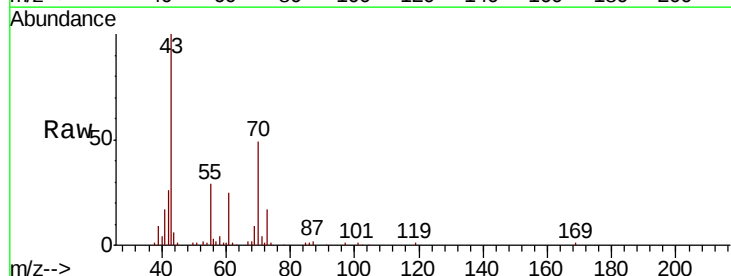
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

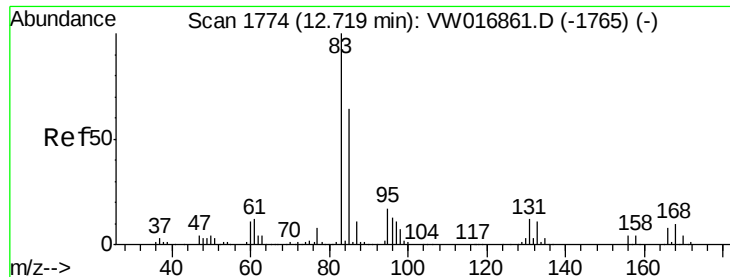
Tot Ion:105 Resp: 174083
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.7



#74
N-ethyl acetate
Concen: 9.815 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 43 Resp: 27580
Ion Ratio Lower Upper
43 100
70 50.9 40.2 60.4
55 28.0 21.4 32.0
61 26.4 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.374 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

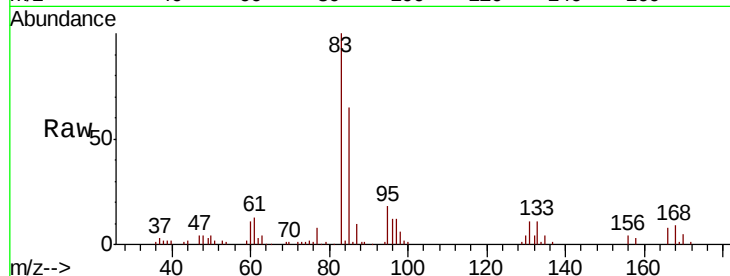
Tot Ion: 83 Resp: 28474

Ion Ratio Lower Upper

83 100

131 11.5 6.1 18.3

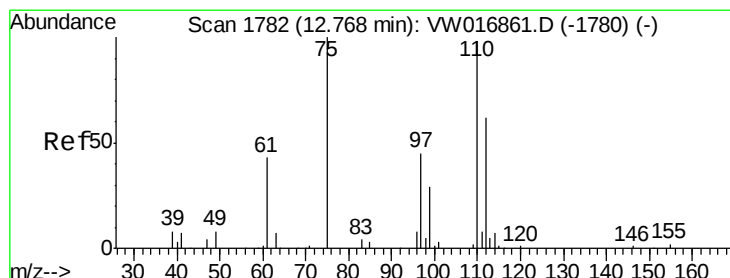
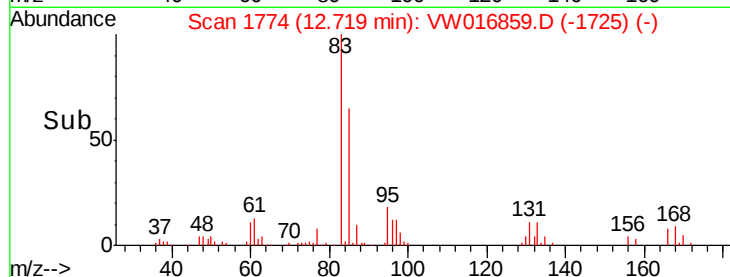
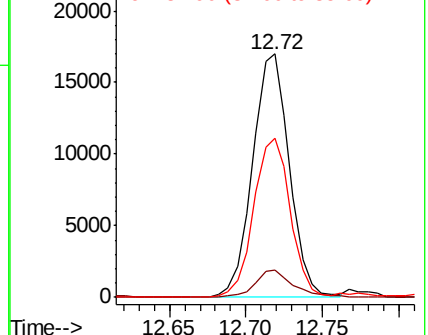
85 64.9 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 20.018 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016859.D

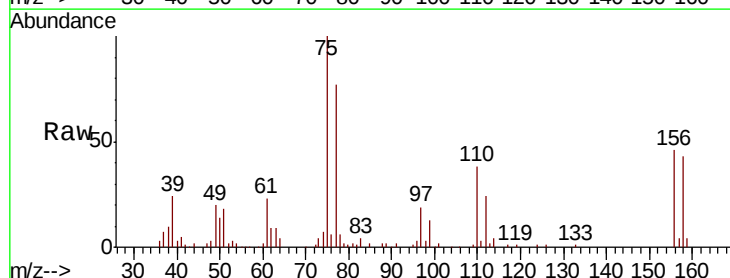
Acq: 09 Oct 2020 14:13

Tgt Ion: 75 Resp: 33990

Ion Ratio Lower Upper

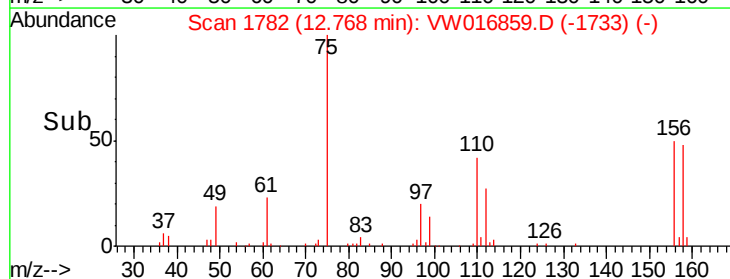
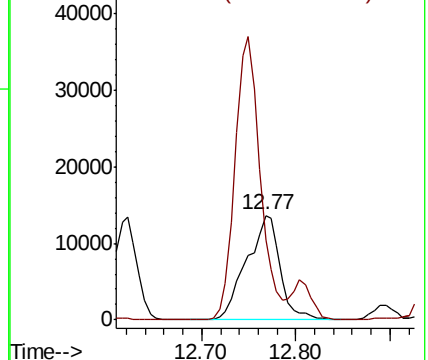
75 100

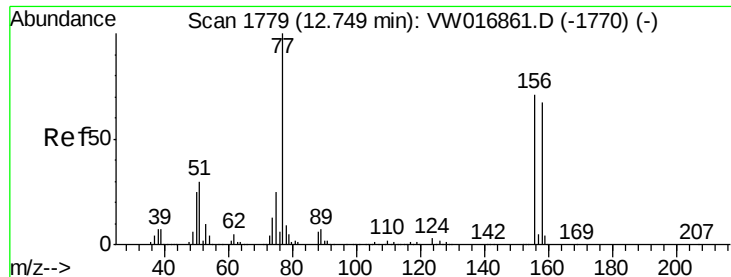
77 202.5 178.8 536.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.149 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

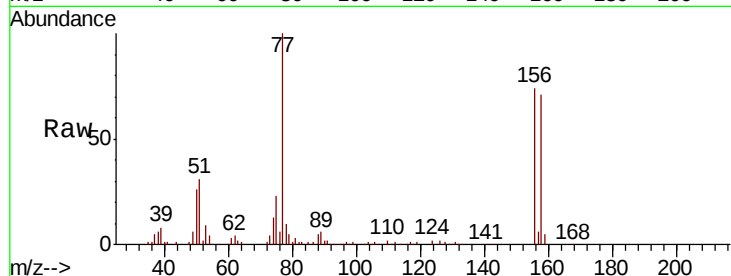
Tot Ion:156 Resp: 43887

Ion Ratio Lower Upper

156 100

77 156.9 79.0 237.2

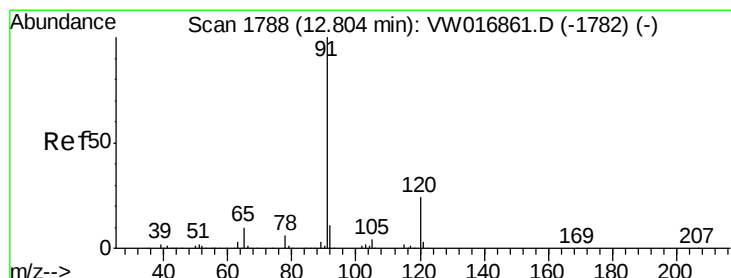
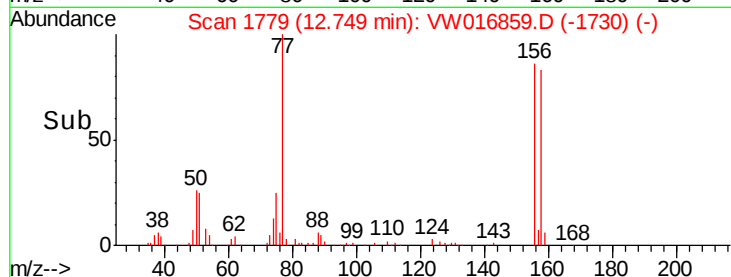
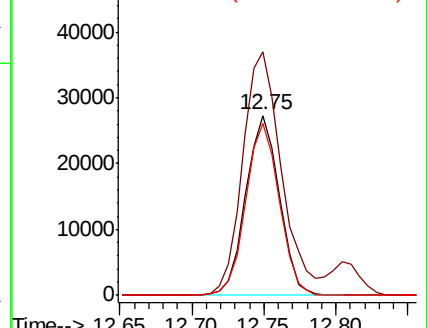
158 95.5 47.0 141.2



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: 10.107 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016859.D

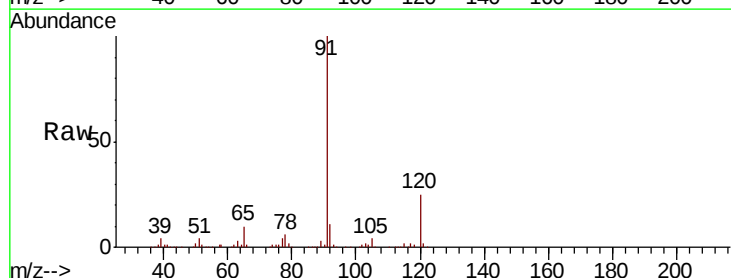
Acq: 09 Oct 2020 14:13

Tgt Ion: 91 Resp: 203912

Ion Ratio Lower Upper

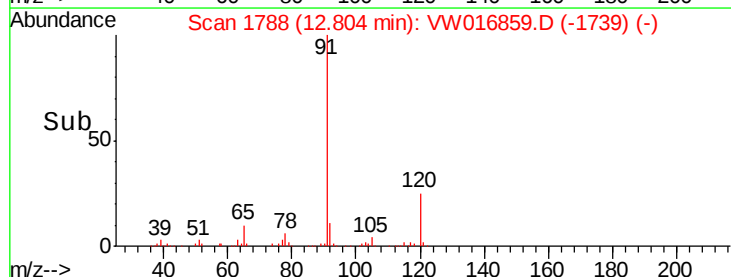
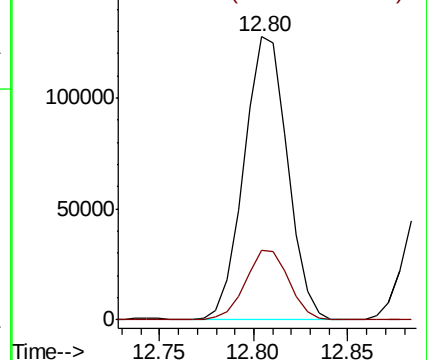
91 100

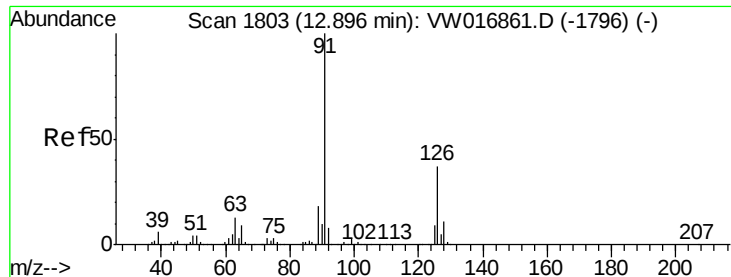
120 24.5 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.133 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

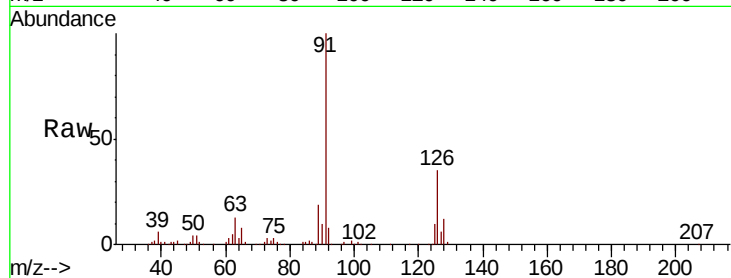
VSTDIC010

Tot Ion: 91 Resp: 116622

Ion Ratio Lower Upper

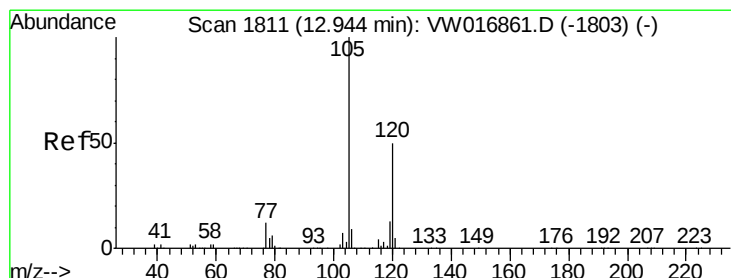
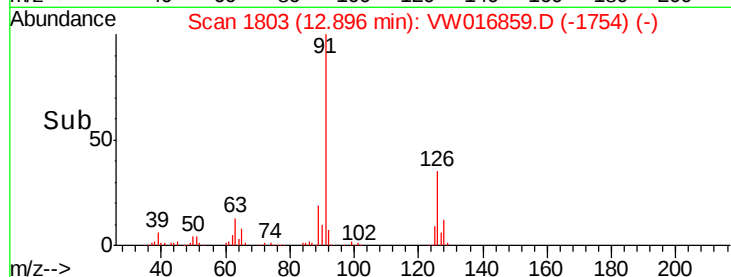
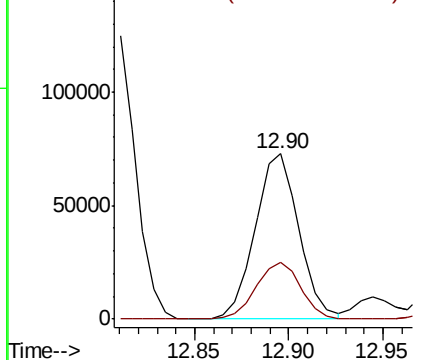
91 100

126 35.1 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.034 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016859.D

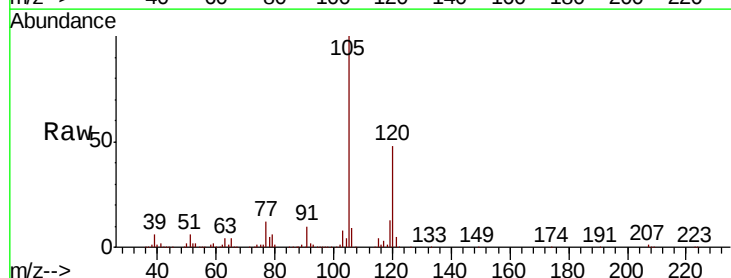
Acq: 09 Oct 2020 14:13

Tgt Ion:105 Resp: 147104

Ion Ratio Lower Upper

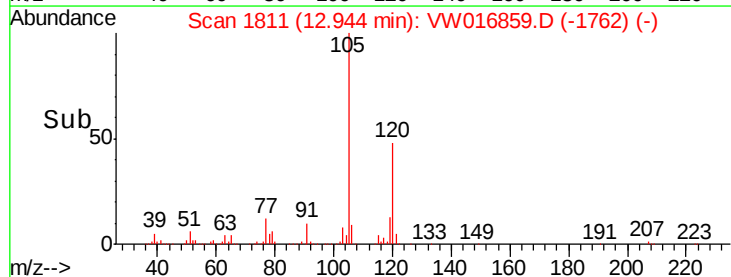
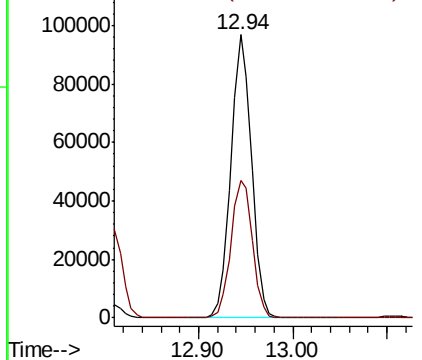
105 100

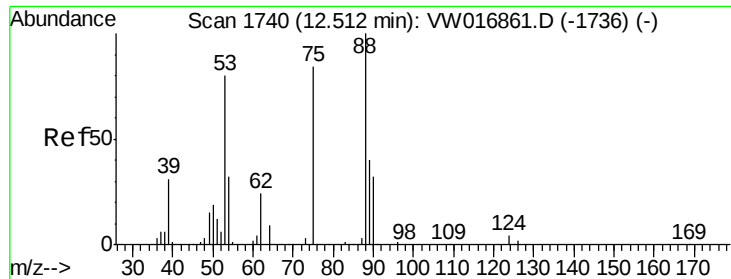
120 50.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.035 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

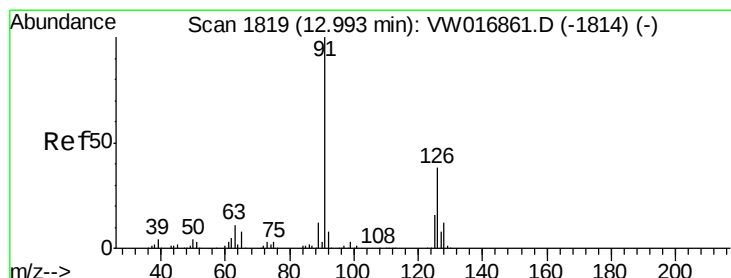
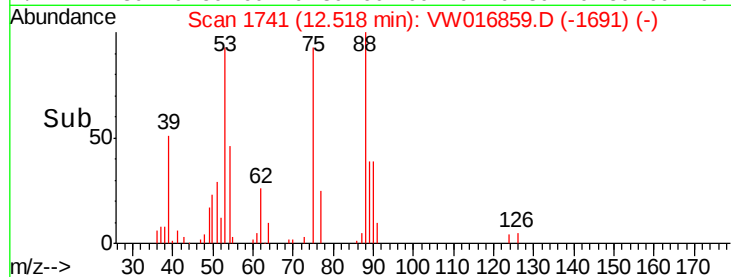
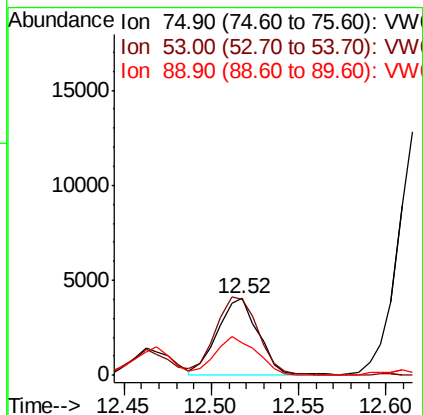
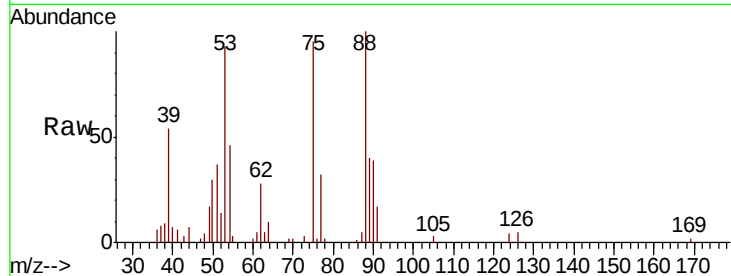
Tot Ion: 75 Resp: 6601

Ion Ratio Lower Upper

75 100

53 105.3 77.0 115.4

89 51.0 38.7 58.1



#82

4-Chlorotoluene

Concen: 10.323 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW016859.D

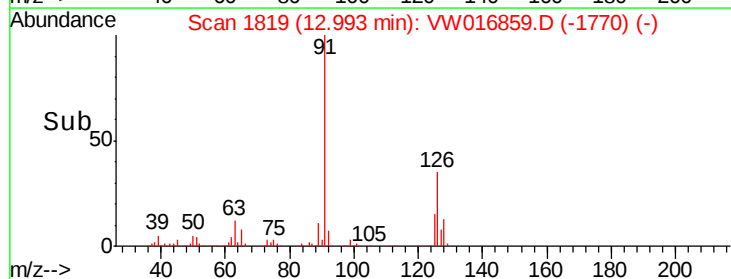
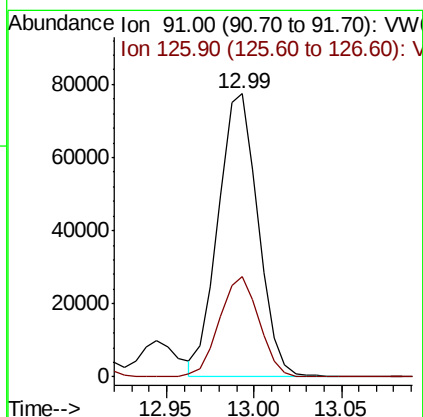
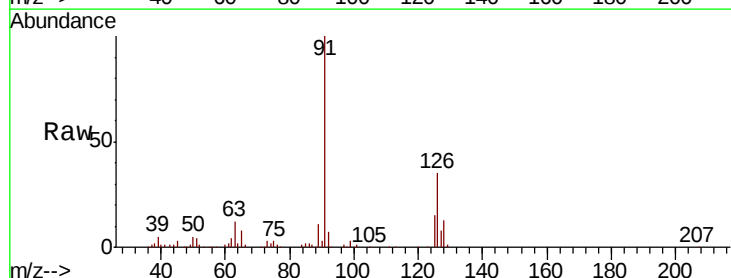
Acq: 09 Oct 2020 14:13

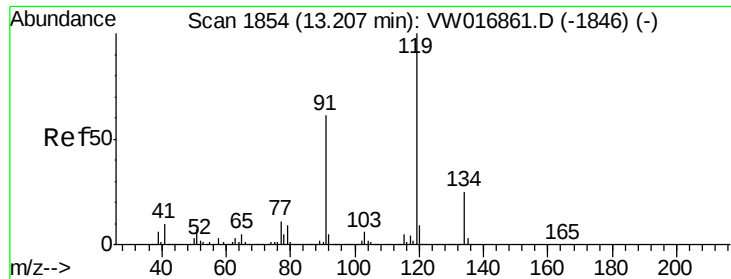
Tgt Ion: 91 Resp: 122645

Ion Ratio Lower Upper

91 100

126 35.3 18.1 54.3

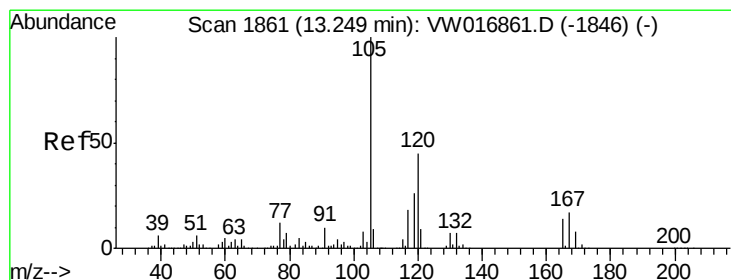
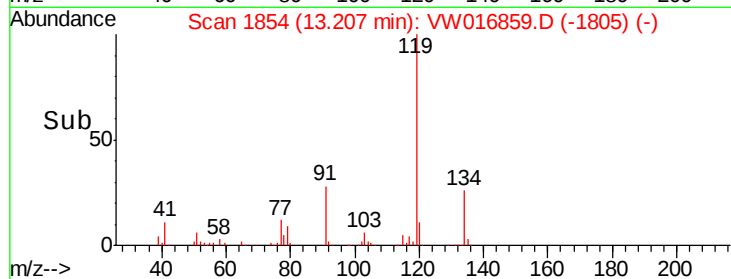
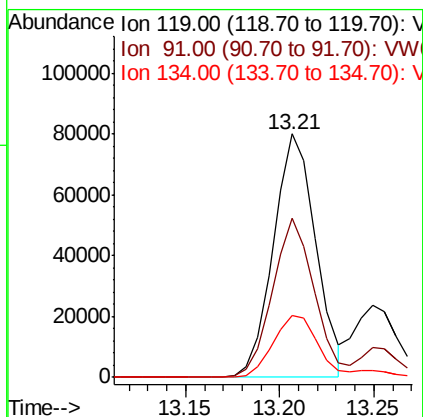
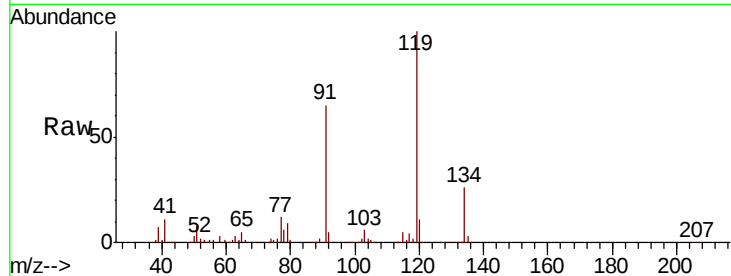




#83
tert-Butylbenzene
Concen: 9.834 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

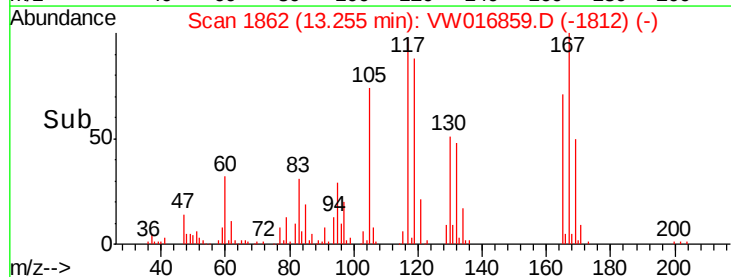
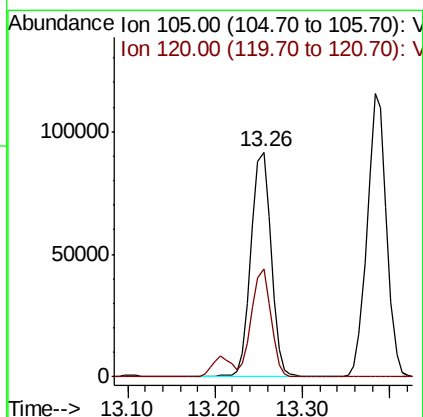
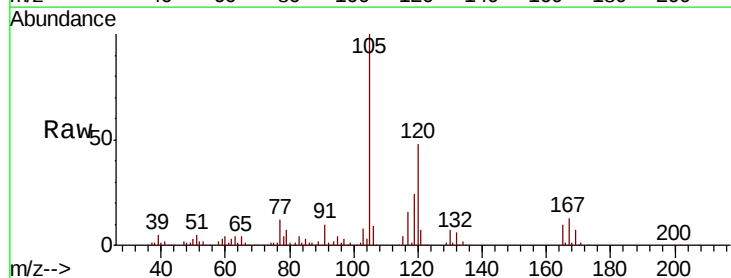
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

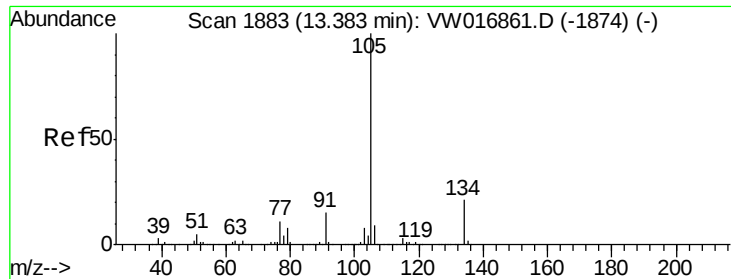
Tot Ion:119 Resp: 125222
Ion Ratio Lower Upper
119 100
91 64.6 31.3 93.9
134 26.9 14.0 42.0



#84
1,2,4-Trimethylbenzene
Concen: 10.019 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion:105 Resp: 146359
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.0





#85

sec-Butylbenzene

Concen: 10.094 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampled :

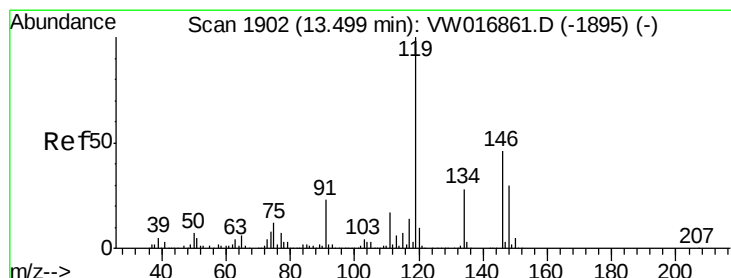
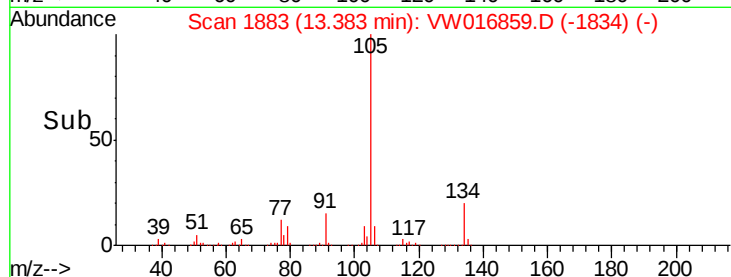
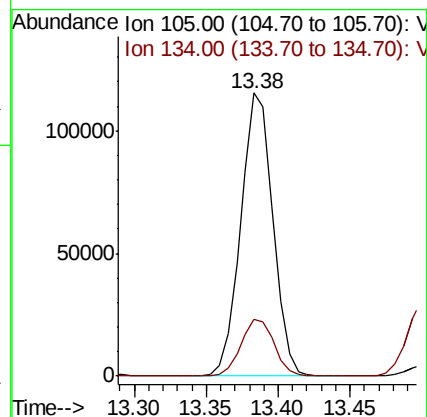
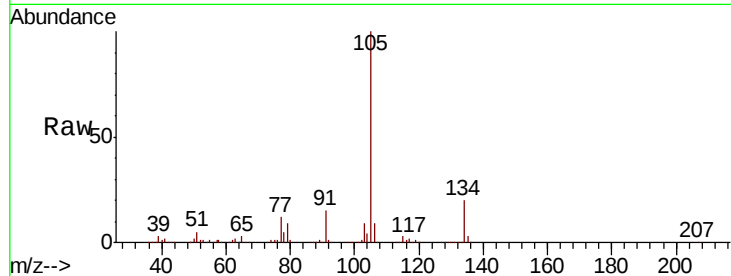
VSTDIC010

Tot Ion:105 Resp: 178910

Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8



#86

p-Isopropyltoluene

Concen: 10.086 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

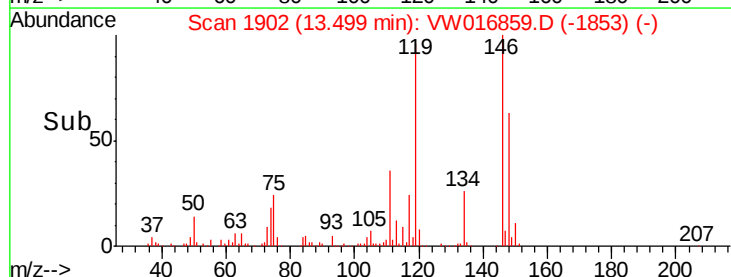
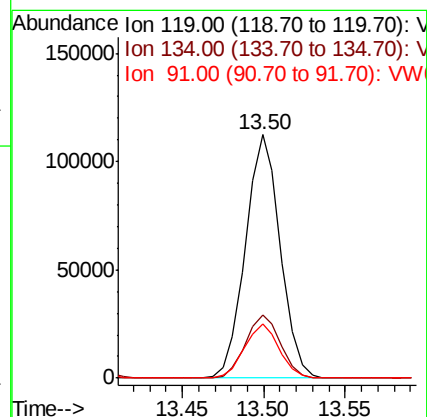
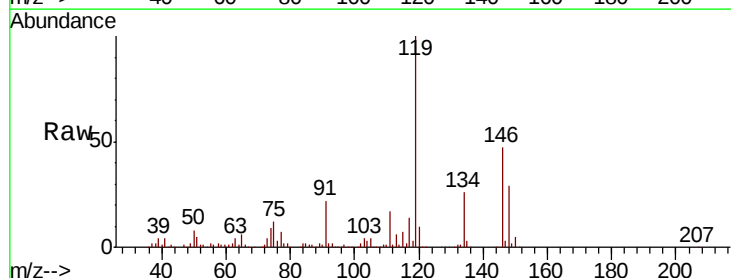
Tgt Ion:119 Resp: 166466

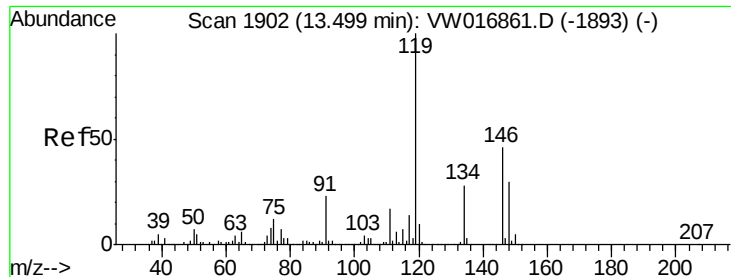
Ion Ratio Lower Upper

119 100

134 26.3 13.8 41.3

91 22.1 11.3 33.9

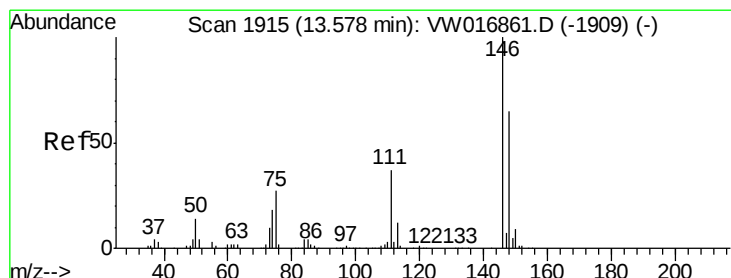
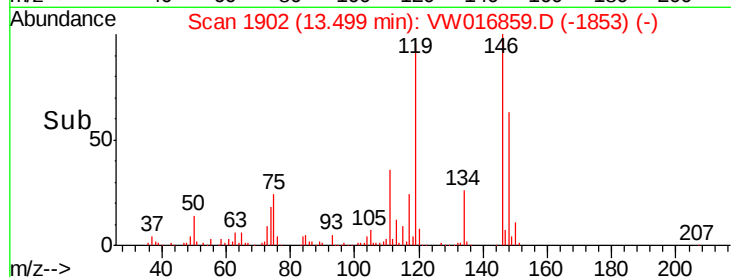
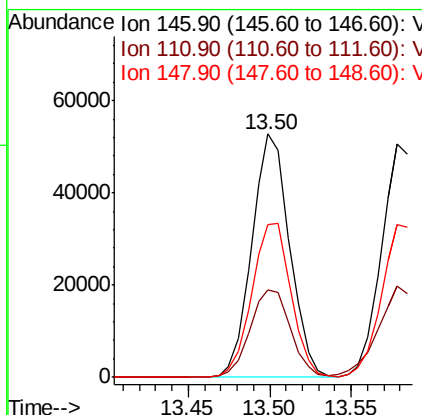
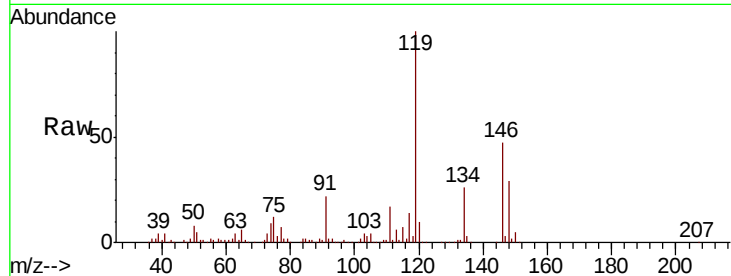




#87
 1,3-Dichlorobenzene
 Concen: 10.135 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

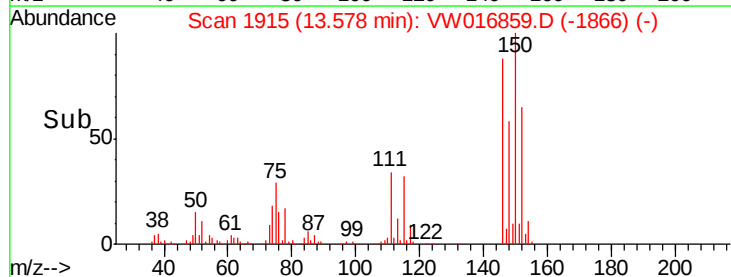
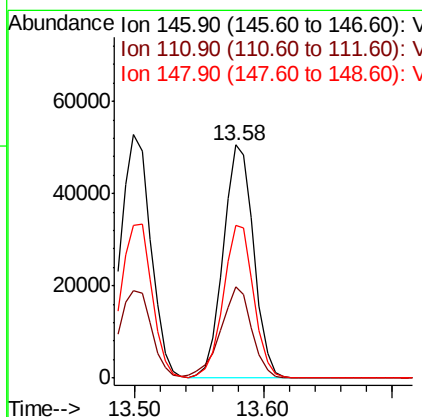
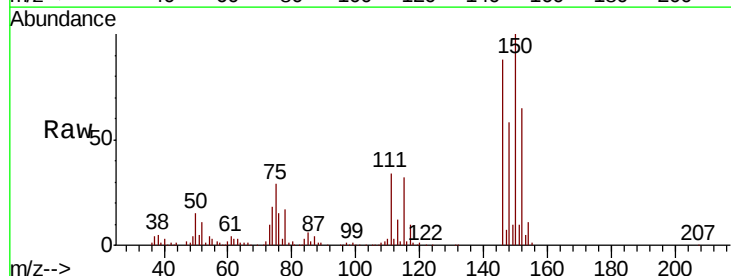
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

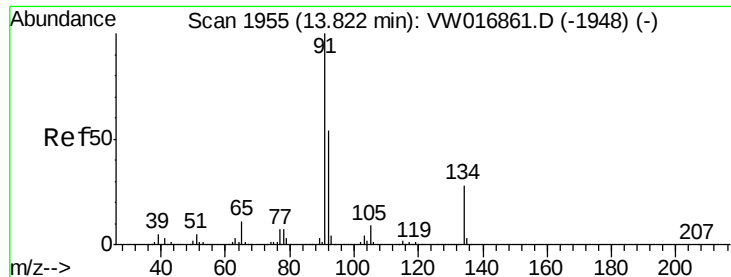
Tot Ion:146 Resp: 84754
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.5
 148 65.8 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 10.173 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion:146 Resp: 83831
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.5 55.5
 148 65.4 31.8 95.4





#89

n-Butylbenzene

Concen: 9.872 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

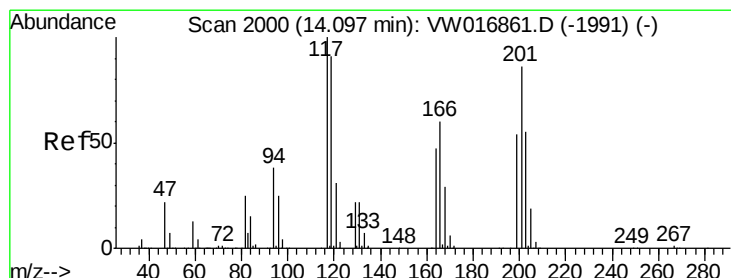
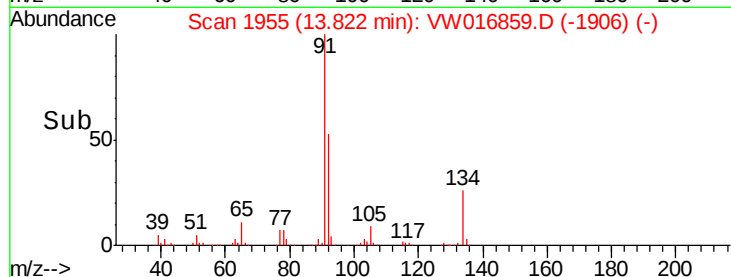
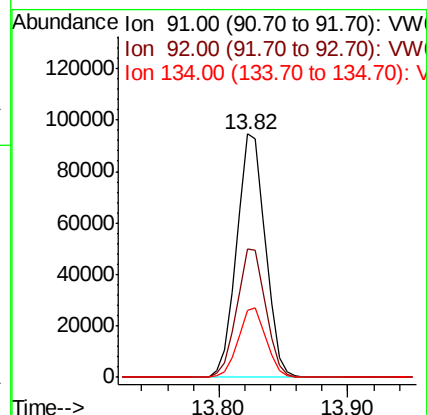
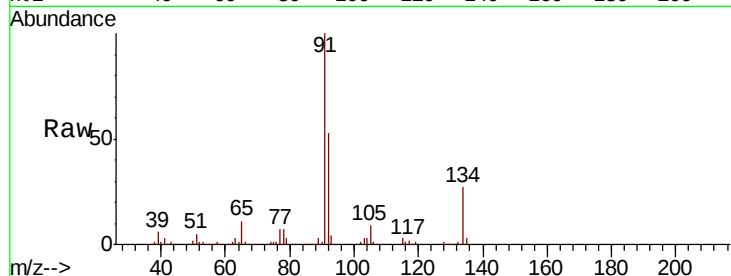
Tot Ion: 91 Resp: 146778

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 27.6 14.3 42.9



#90

Hexachloroethane

Concen: 9.583 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016859.D

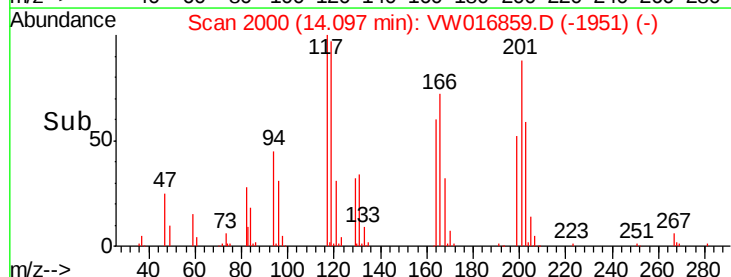
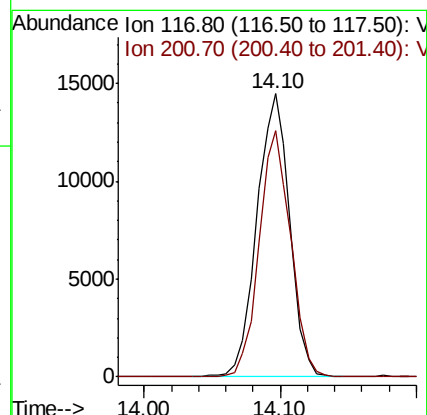
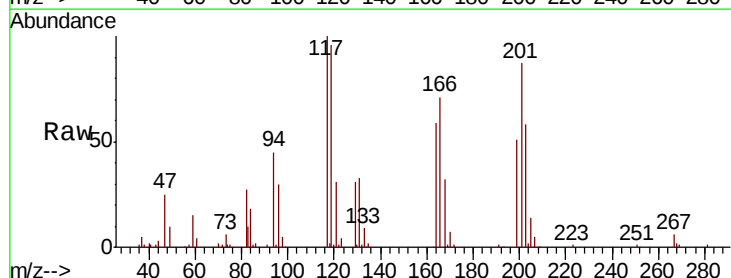
Acq: 09 Oct 2020 14:13

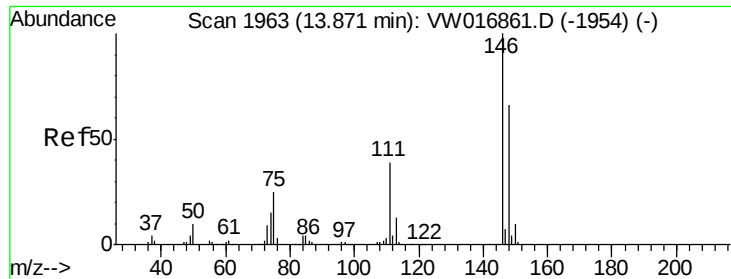
Tgt Ion: 117 Resp: 24405

Ion Ratio Lower Upper

117 100

201 83.8 41.9 125.7





#91

1,2-Dichlorobenzene

Concen: 10.293 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

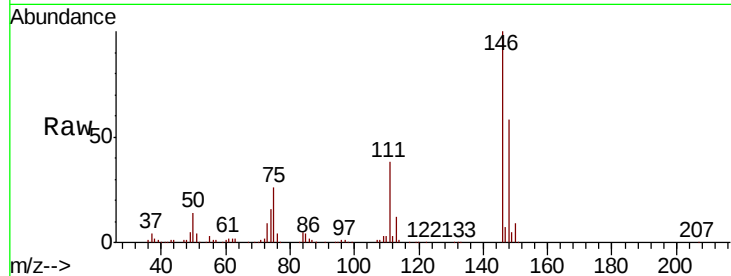
Tot Ion:146 Resp: 74268

Ion Ratio Lower Upper

146 100

111 39.1 20.1 60.3

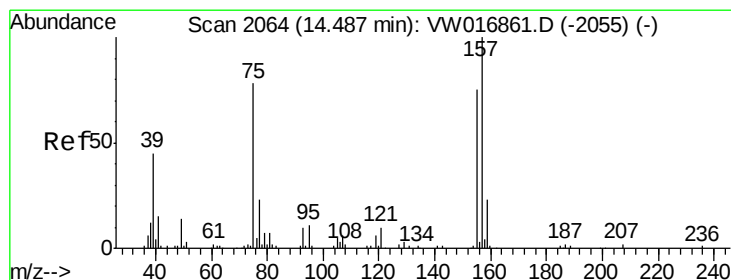
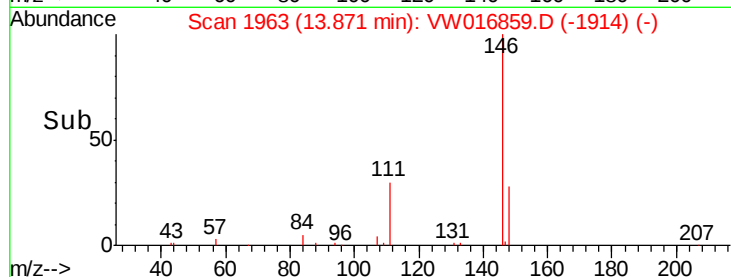
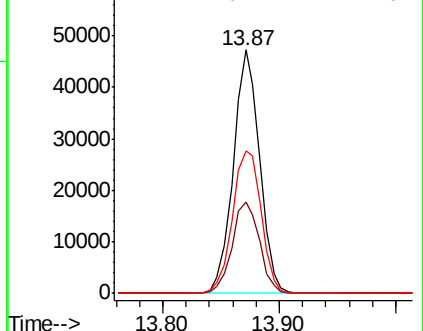
148 63.7 33.1 99.3



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: 10.108 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

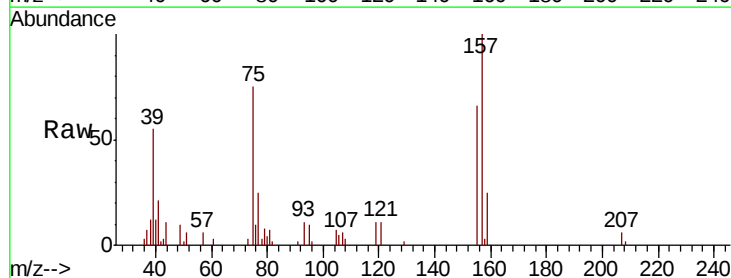
Tgt Ion: 75 Resp: 4249

Ion Ratio Lower Upper

75 100

155 94.3 47.6 142.8

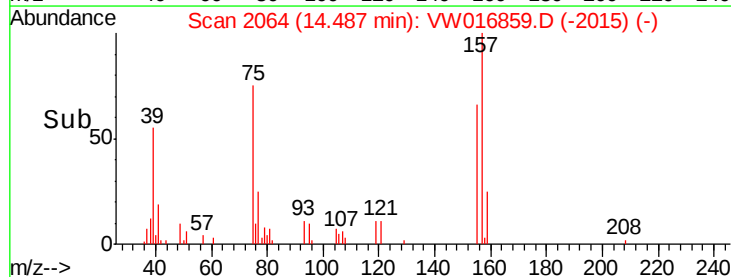
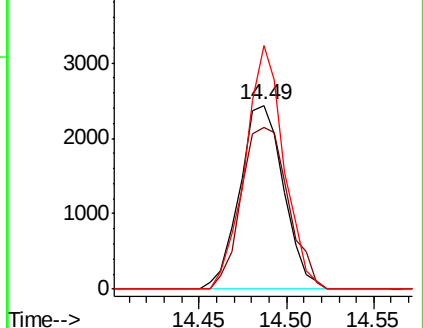
157 116.7 62.2 186.6

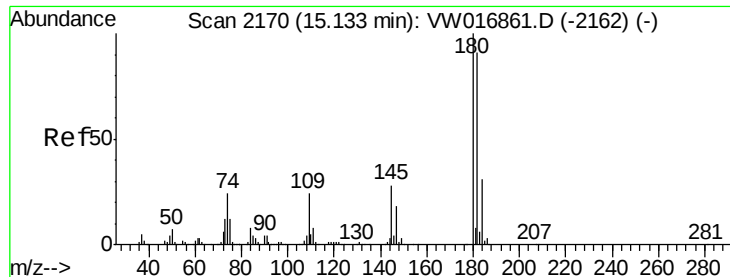


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

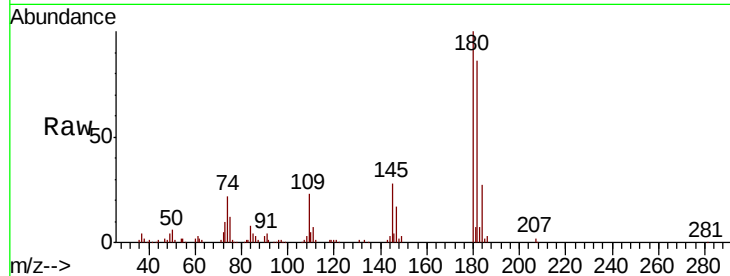




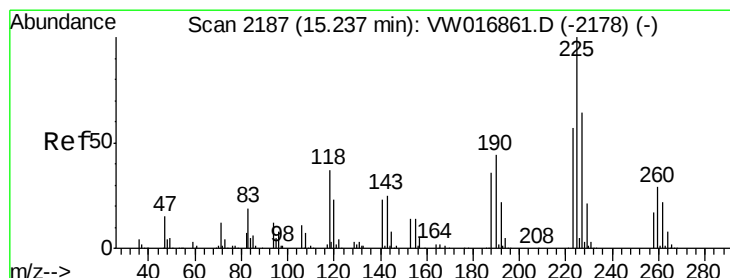
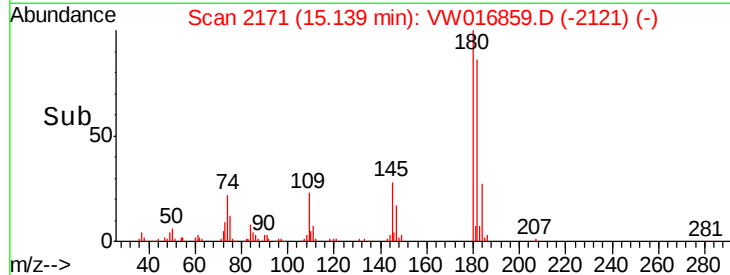
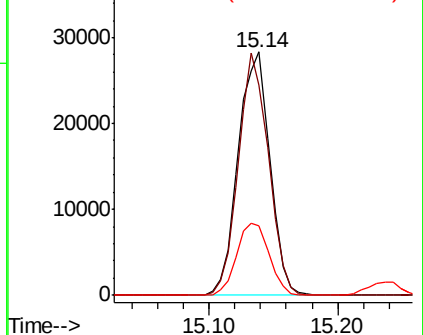
#93
 1,2,4-Trichlorobenzene
 Concen: 9.685 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:180 Resp: 48215
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.3 144.9
 145 30.4 14.9 44.5

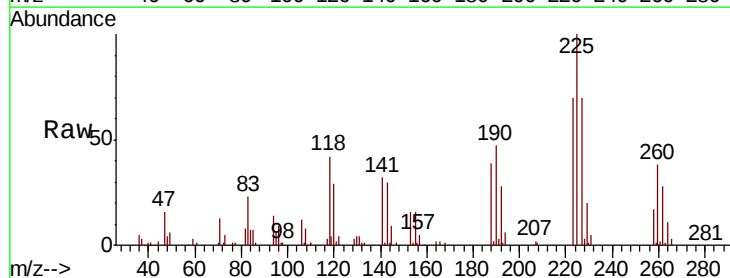


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

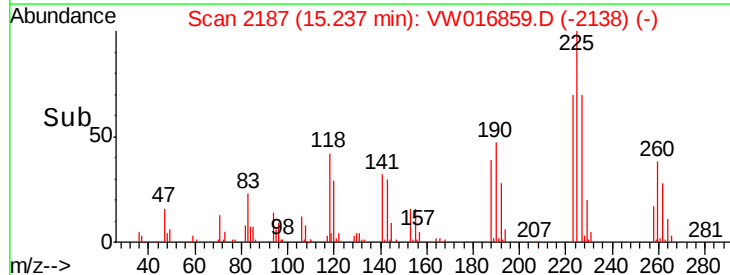
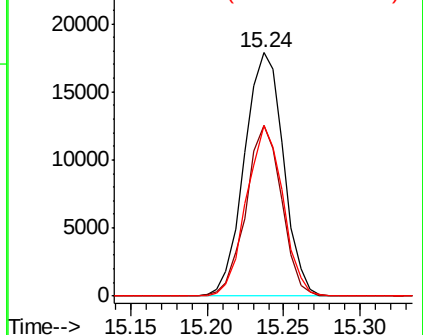


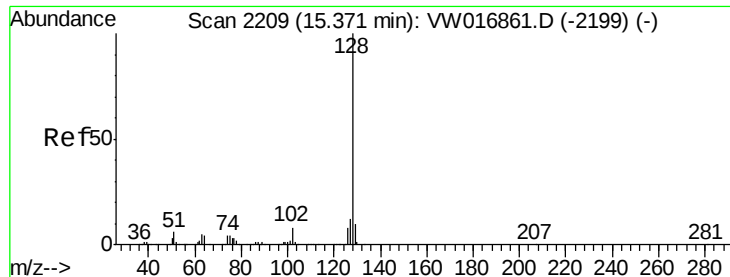
#94
 Hexachlorobutadiene
 Concen: 9.858 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion:225 Resp: 31815
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.9 95.7
 227 65.4 33.0 99.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

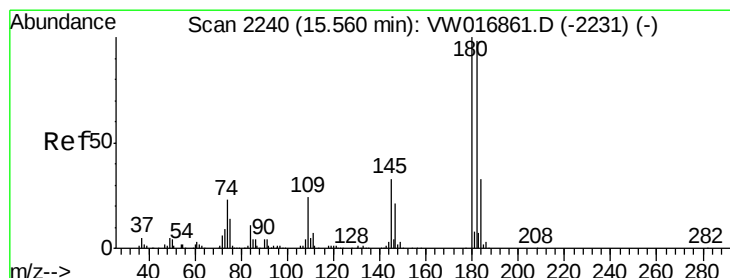
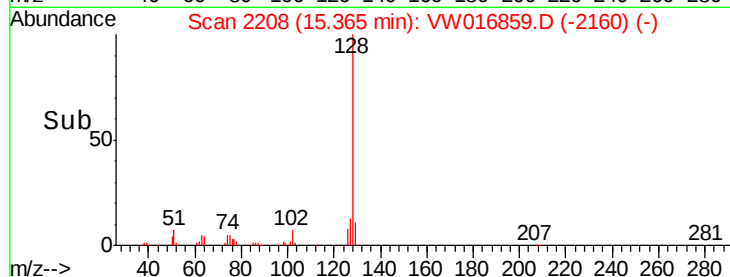
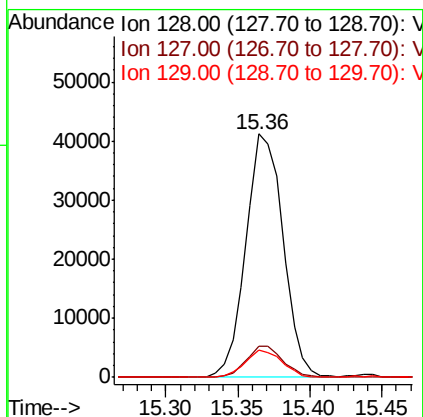
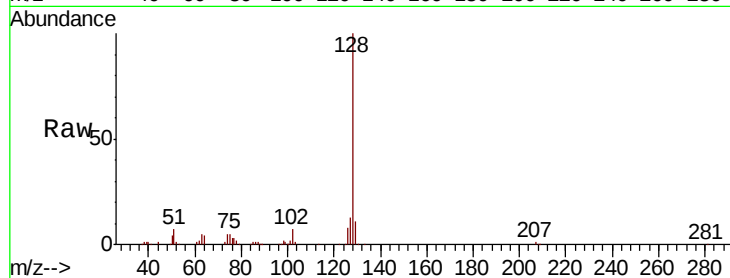




#95
Naphthalene
Concen: 9.106 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:128 Resp: 73673
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 9.845 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion:180 Resp: 42637
Ion Ratio Lower Upper
180 100
182 95.2 49.4 148.2
145 30.2 16.3 48.9

