

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015216.D
 Acq On : 20 Apr 2020 12:01
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 20 13:47:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 13:45:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	10956	4.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.06%	
35) Dibromofluoromethane	7.89	113	10105	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
50) Toluene-d8	10.32	98	46522	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
62) 4-Bromofluorobenzene	12.62	95	17436	6.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	9384	7.694	ug/l 96
3) Chloromethane	2.22	50	10753	4.764	ug/l 100
4) Vinyl Chloride	2.36	62	12569	4.729	ug/l 99
5) Bromomethane	2.78	94	9636	6.887	ug/l 92
6) Chloroethane	2.93	64	8861	6.759	ug/l 97
7) Trichlorofluoromethane	3.27	101	17990	10.564	ug/l 98
8) Diethyl Ether	3.70	74	5034	3.834	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	11483	4.437	ug/l 90
10) Methyl Iodide	4.28	142	8529	2.207	ug/l 97
11) Tert butyl alcohol	5.17	59	5379	29.962	ug/l # 80
12) 1,1-Dichloroethene	4.04	96	10916	4.095	ug/l 96
13) Acrolein	3.90	56	2390	12.805	ug/l 98
14) Allyl chloride	4.68	41	14317	3.631	ug/l 91
15) Acrylonitrile	5.38	53	9666	17.543	ug/l 97
16) Acetone	4.14	43	8824	20.486	ug/l 99
17) Carbon Disulfide	4.38	76	31756	3.914	ug/l 98
18) Methyl Acetate	4.68	43	5741	4.359	ug/l 97
19) Methyl tert-butyl Ether	5.43	73	23884	6.842	ug/l 97
20) Methylene Chloride	4.92	84	13610	4.563	ug/l 92
21) trans-1,2-Dichloroethene	5.43	96	12233	4.350	ug/l 92
22) Diisopropyl ether	6.32	45	27020	3.398	ug/l 94
23) Vinyl Acetate	6.26	43	75091	16.260	ug/l 95
24) 1,1-Dichloroethane	6.22	63	18874	3.992	ug/l 97
25) 2-Butanone	7.17	43	11517	16.708	ug/l # 89
26) 2,2-Dichloropropane	7.17	77	21247	6.752	ug/l 97
27) cis-1,2-Dichloroethene	7.18	96	13176	4.346	ug/l 98
28) Bromochloromethane	7.52	49	7352	3.721	ug/l 84
29) Tetrahydrofuran	7.54	42	7079	15.667	ug/l # 82
30) Chloroform	7.68	83	20628	4.454	ug/l 100
31) Cyclohexane	7.95	56	22788	4.509	ug/l # 70
32) 1,1,1-Trichloroethane	7.87	97	20042	5.137	ug/l 98
36) 1,1-Dichloropropene	8.09	75	16830	5.141	ug/l 98
37) Ethyl Acetate	7.26	43	4687	3.440	ug/l # 90
38) Carbon Tetrachloride	8.07	117	18024	5.989	ug/l 90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015216.D
 Acq On : 20 Apr 2020 12:01
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 20 13:47:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 13:45:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22417	5.096	ug/l	97
40) Benzene	8.32	78	43685	4.700	ug/l	98
41) Methacrylonitrile	7.49	41	3417	4.239	ug/l	93
42) 1,2-Dichloroethane	8.40	62	12477	5.289	ug/l	96
43) Isopropyl Acetate	8.43	43	10504	3.945	ug/l	96
44) Trichloroethene	9.09	130	13207	5.407	ug/l	99
45) 1,2-Dichloropropane	9.37	63	10007	4.376	ug/l	99
46) Dibromomethane	9.46	93	5825	5.096	ug/l	90
47) Bromodichloromethane	9.65	83	15643	5.279	ug/l	98
48) Methyl methacrylate	9.44	41	5172	4.153	ug/l #	85
49) 1,4-Dioxane	9.46	88	1466	80.846	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	25193	17.890	ug/l	97
52) Toluene	10.39	92	30586	5.141	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	15311	5.078	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	17643	4.851	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	8144	5.029	ug/l	96
56) Ethyl methacrylate	10.65	69	10186	4.564	ug/l	94
57) 1,3-Dichloropropane	10.93	76	13269	4.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	24908	22.551	ug/l #	89
59) 2-Hexanone	10.97	43	17414	19.704	ug/l	97
60) Dibromochloromethane	11.13	129	10571	5.471	ug/l	98
61) 1,2-Dibromoethane	11.24	107	7868	5.041	ug/l	97
64) Tetrachloroethene	10.87	164	12575	6.502	ug/l	91
65) Chlorobenzene	11.66	112	33034	5.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	11608	5.421	ug/l	98
67) Ethyl Benzene	11.73	91	62058	5.306	ug/l	99
68) m/p-Xylenes	11.84	106	47482	10.697	ug/l	99
69) o-Xylene	12.16	106	22490	5.406	ug/l	98
70) Styrene	12.18	104	36843	5.242	ug/l	98
71) Bromoform	12.35	173	6339	5.961	ug/l #	95
73) Isopropylbenzene	12.46	105	62365	4.919	ug/l	100
74) N-amyl acetate	12.27	43	9981	3.386	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	8803	4.144	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	11436	7.857	ug/l #	100
77) Bromobenzene	12.74	156	14151	5.387	ug/l	85
78) n-propylbenzene	12.80	91	71862	4.700	ug/l	96
79) 2-Chlorotoluene	12.89	91	39694	4.696	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	52961	4.961	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	2954	3.927	ug/l	90
82) 4-Chlorotoluene	12.99	91	42361	4.743	ug/l	99
83) tert-Butylbenzene	13.21	119	46276	4.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	51627	4.865	ug/l	98
85) sec-Butylbenzene	13.38	105	63967	4.862	ug/l	98
86) p-Isopropyltoluene	13.50	119	58210	4.959	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	27921	5.335	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	27090	5.218	ug/l	95
89) n-Butylbenzene	13.82	91	52070	4.487	ug/l	97
90) Hexachloroethane	14.09	117	11180	4.953	ug/l	82
91) 1,2-Dichlorobenzene	13.87	146	23706	5.095	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1446	4.204	ug/l	86

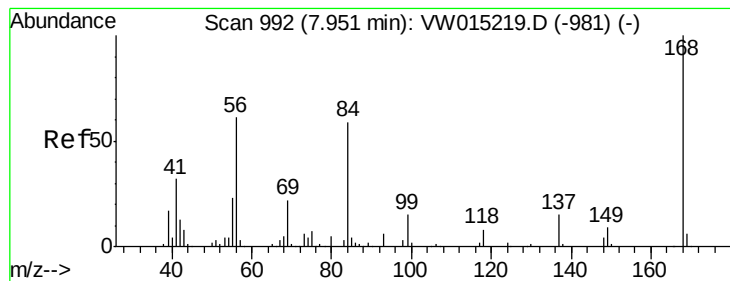
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015216.D
Acq On : 20 Apr 2020 12:01
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Apr 20 13:47:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 13:45:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	15606	5.083	ug/l	98
94) Hexachlorobutadiene	15.24	225	11032	6.228	ug/l	98
95) Naphthalene	15.36	128	24489	4.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	12758	4.842	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: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

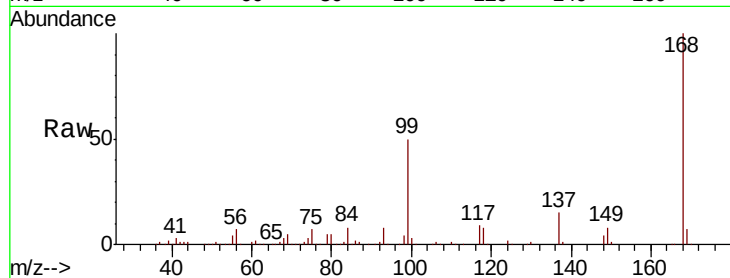
VSTDIC005

Tot Ion:168 Resp: 255759

Ion Ratio Lower Upper

168 100

99 50.1 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

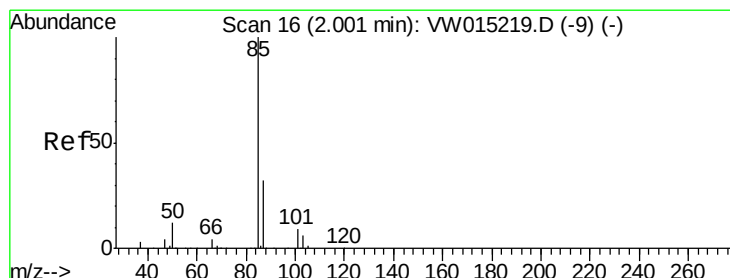
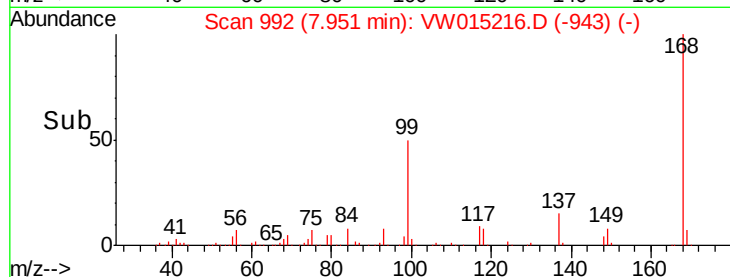
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 7.694 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW015216.D

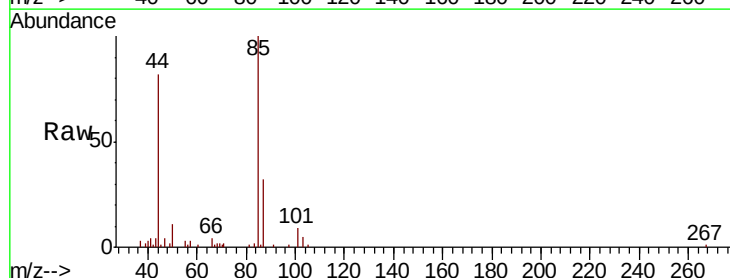
Acq: 20 Apr 2020 12:01

Tgt Ion: 85 Resp: 9384

Ion Ratio Lower Upper

85 100

87 32.1 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

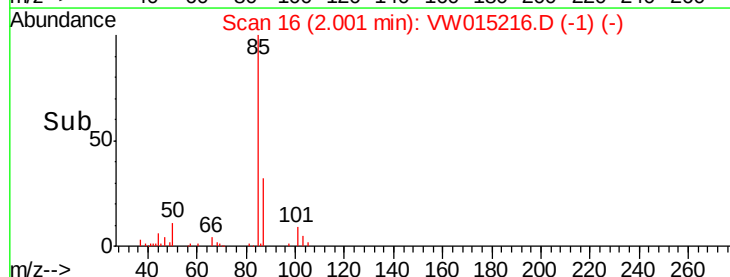
6000

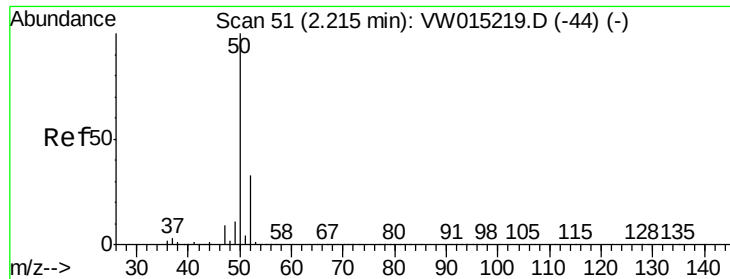
4000

2000

0

Time-->





#3

Chloromethane

Concen: 4.764 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

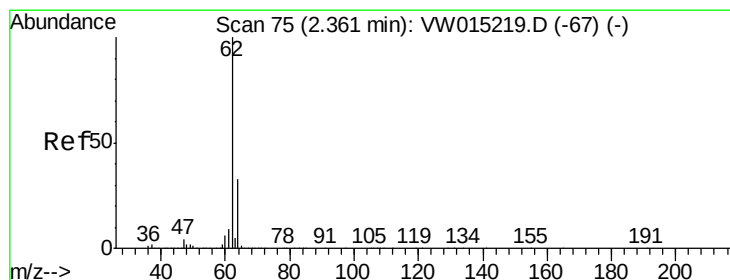
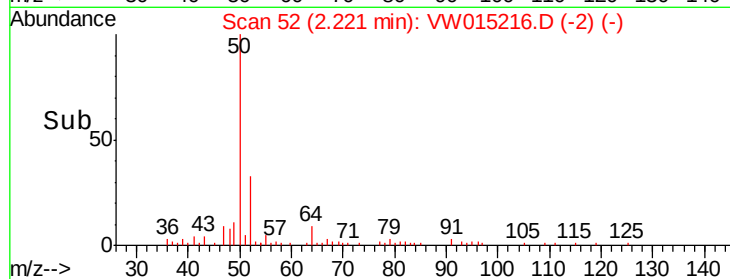
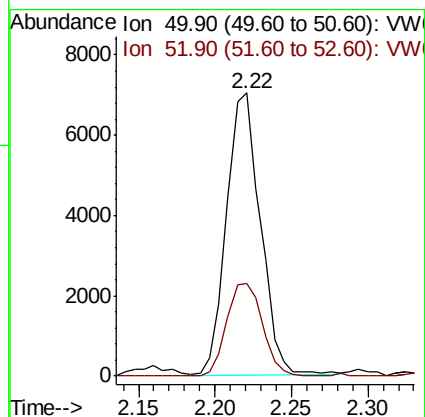
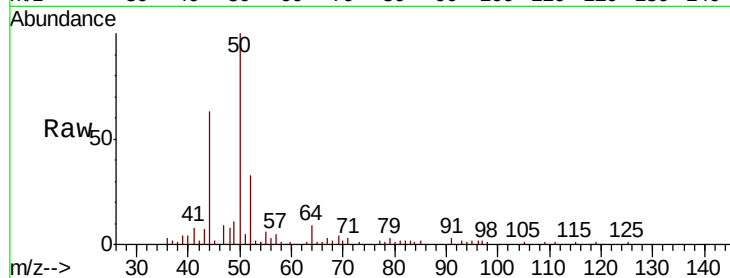
VSTDIC005

Tot Ion: 50 Resp: 10753

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 4.729 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015216.D

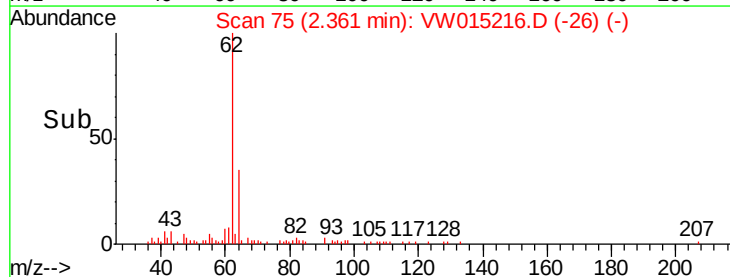
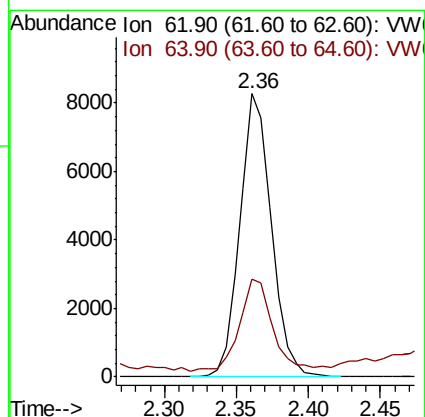
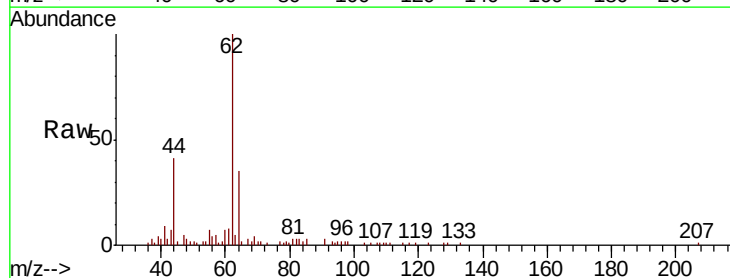
Acq: 20 Apr 2020 12:01

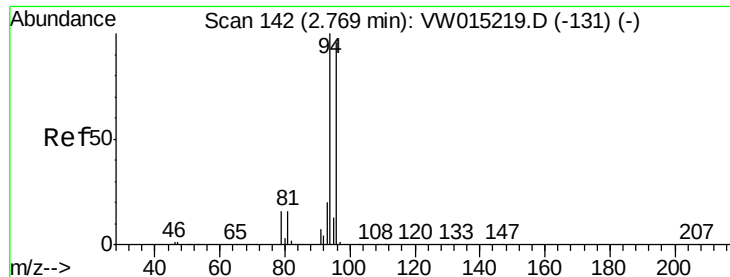
Tgt Ion: 62 Resp: 12569

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 6.887 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

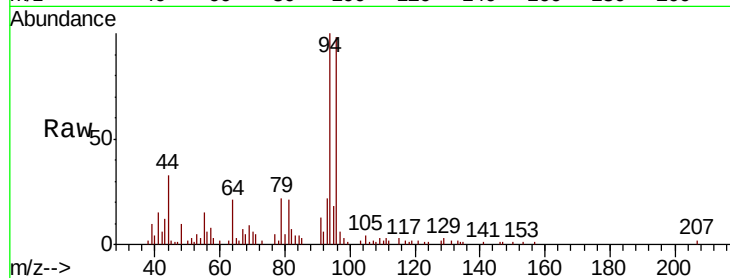
VSTDIC005

Tot Ion: 94 Resp: 9636

Ion Ratio Lower Upper

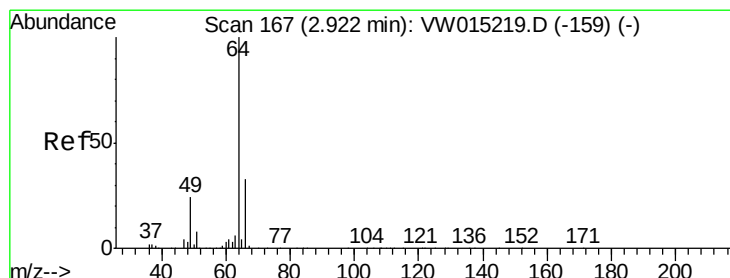
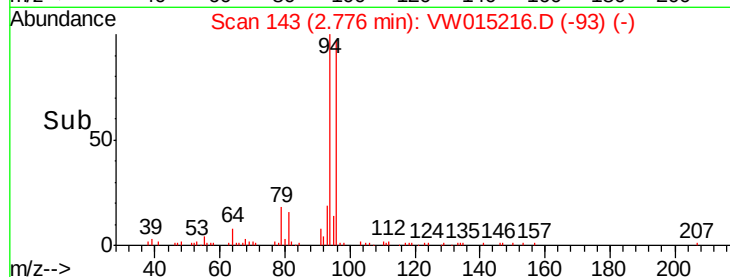
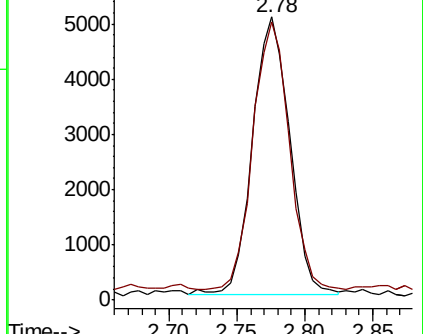
94 100

96 95.8 70.4 105.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 6.759 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW015216.D

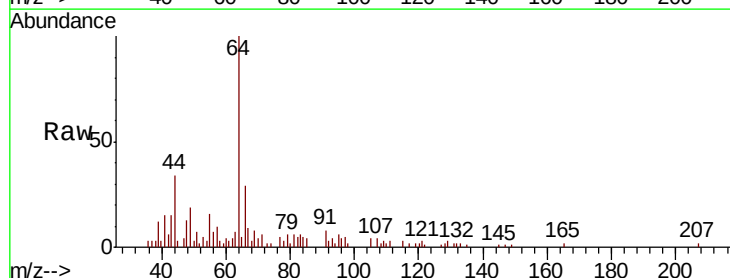
Acq: 20 Apr 2020 12:01

Tgt Ion: 64 Resp: 8861

Ion Ratio Lower Upper

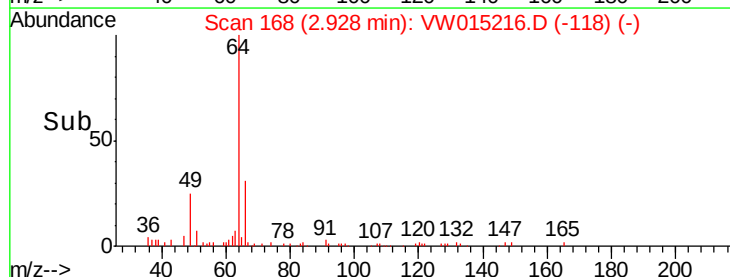
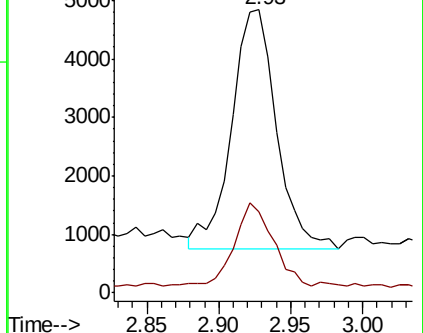
64 100

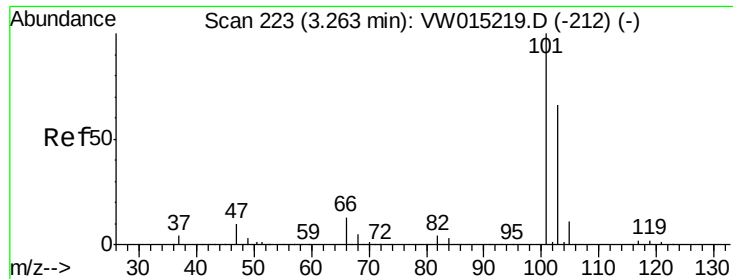
66 30.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



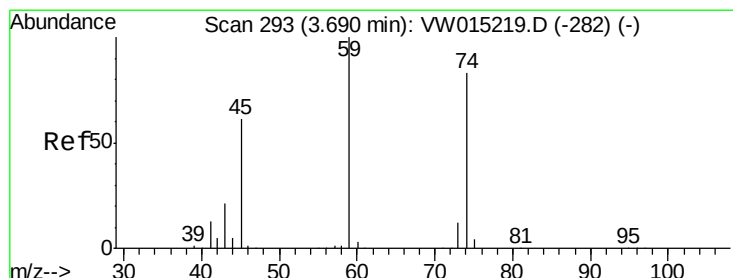
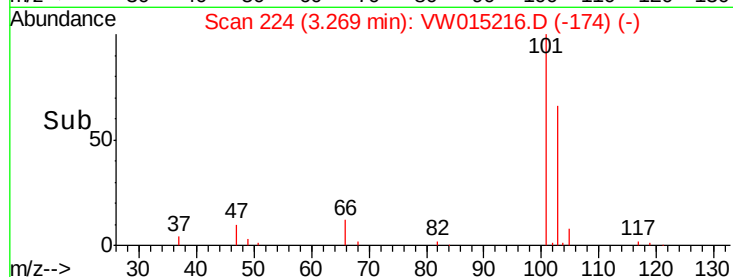
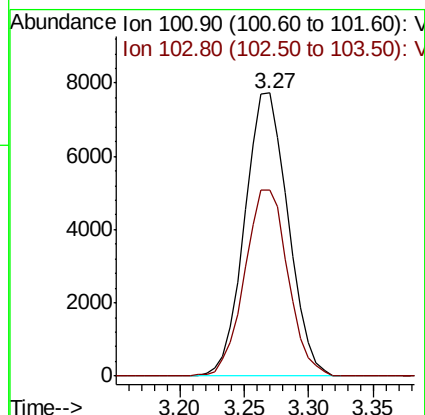
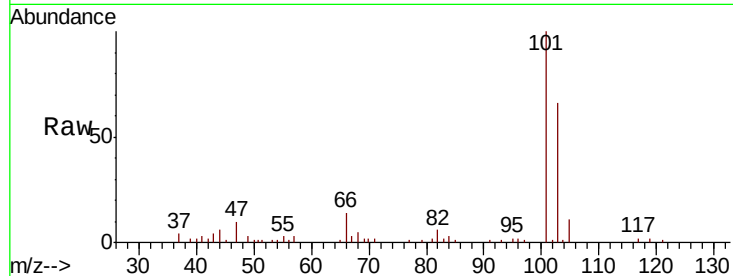


#7

Trichlorofluoromethane
Concen: 10.564 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

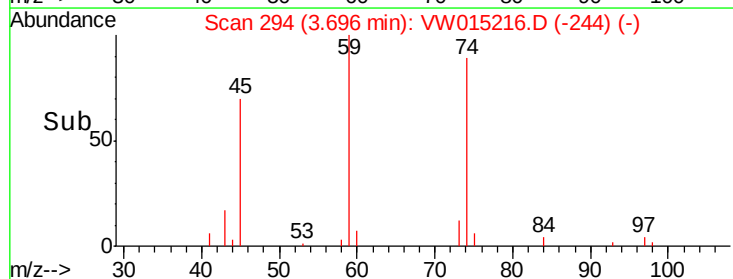
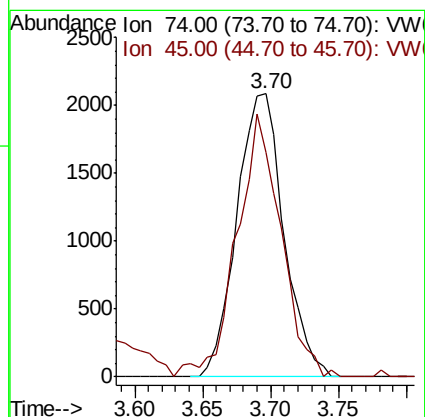
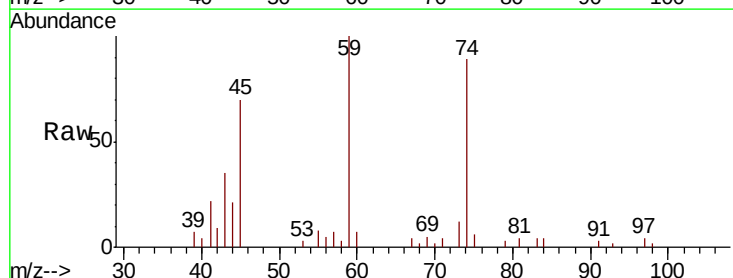
Tot Ion:101 Resp: 17990
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9

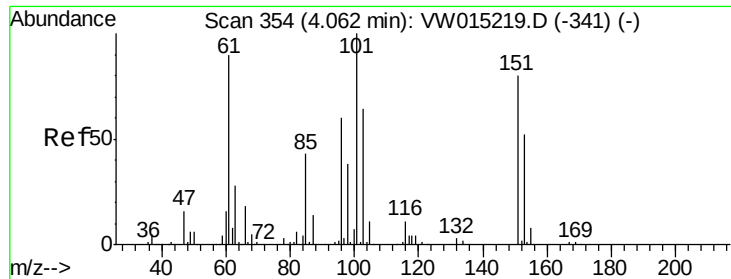


#8

Diethyl Ether
Concen: 3.834 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 74 Resp: 5034
Ion Ratio Lower Upper
74 100
45 87.2 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.437 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

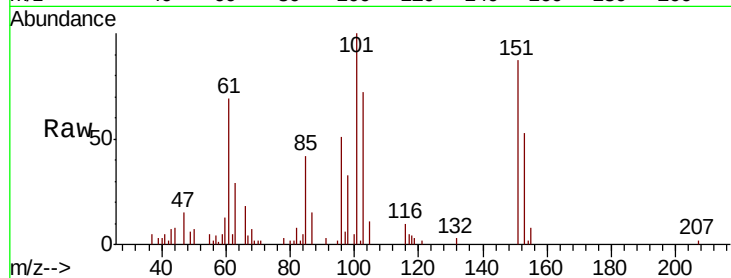
Tot Ion:101 Resp: 11483

Ion Ratio Lower Upper

101 100

85 49.1 35.3 52.9

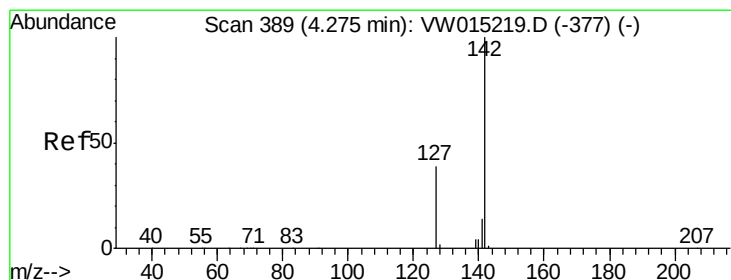
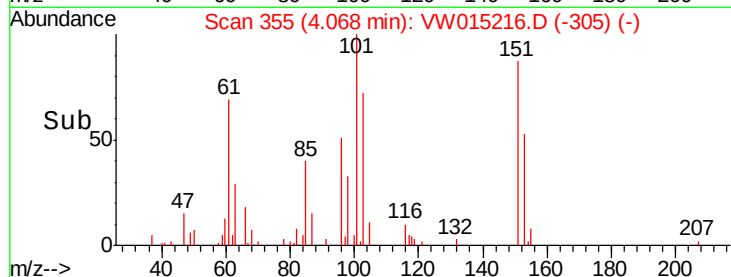
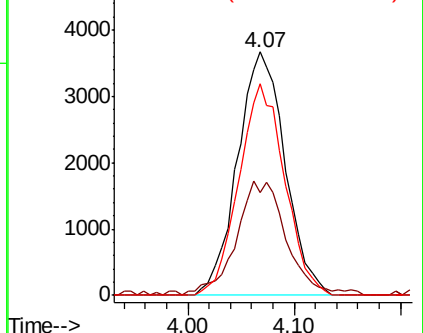
151 83.7 59.3 88.9



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: 2.207 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

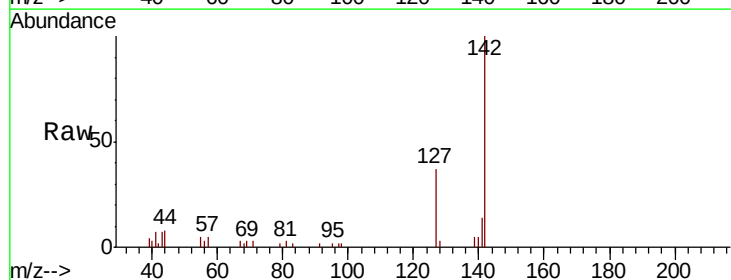
Tgt Ion:142 Resp: 8529

Ion Ratio Lower Upper

142 100

127 39.9 33.9 50.9

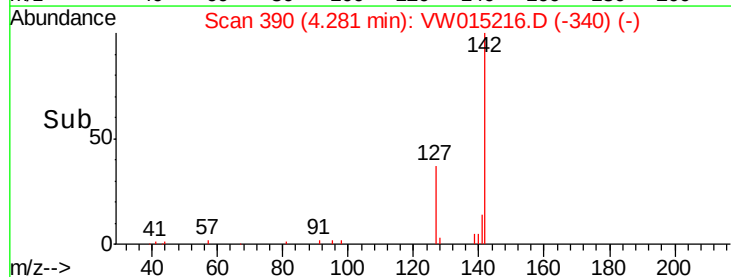
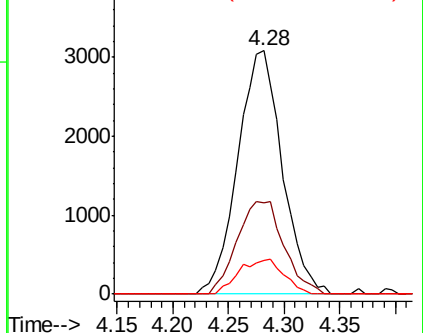
141 14.4 11.4 17.2

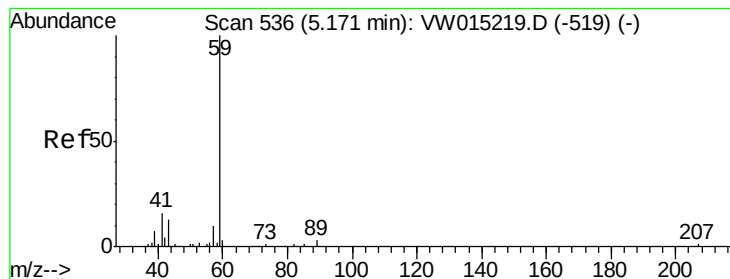


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 29.962 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

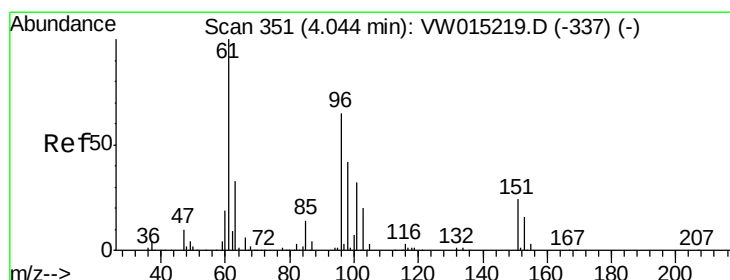
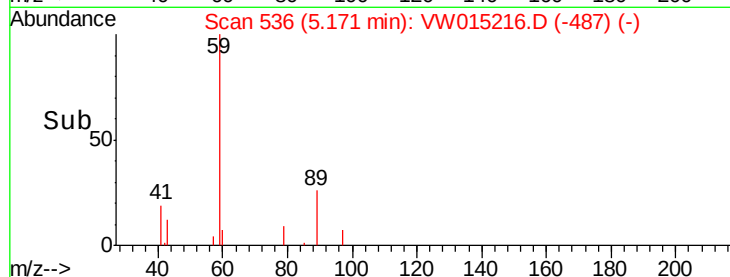
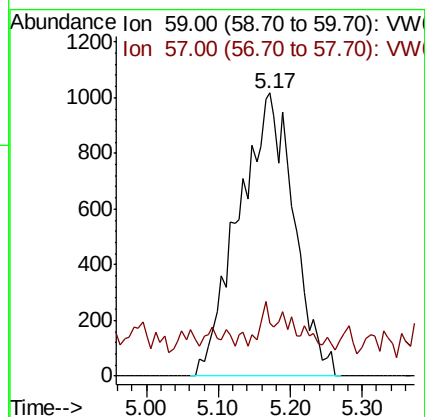
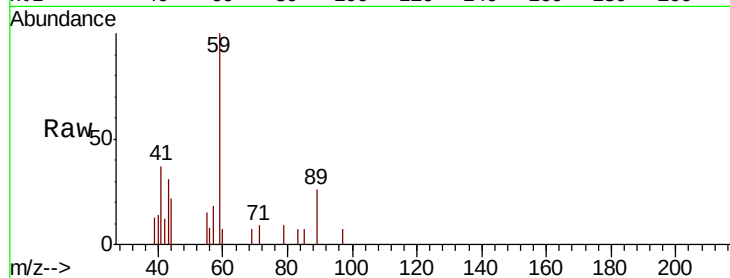
VSTDIC005

Tot Ion: 59 Resp: 5379

Ion Ratio Lower Upper

59 100

57 3.2 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 4.095 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

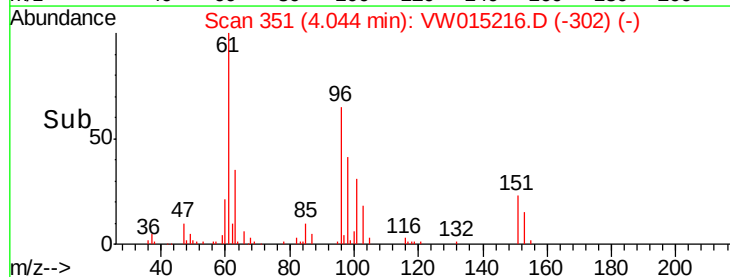
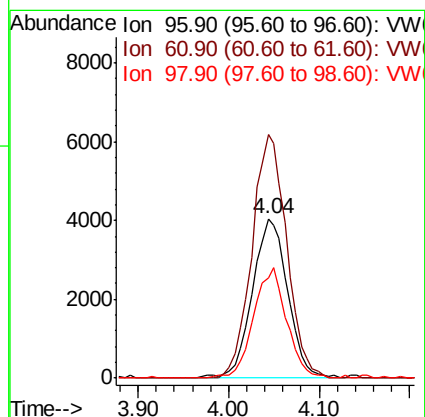
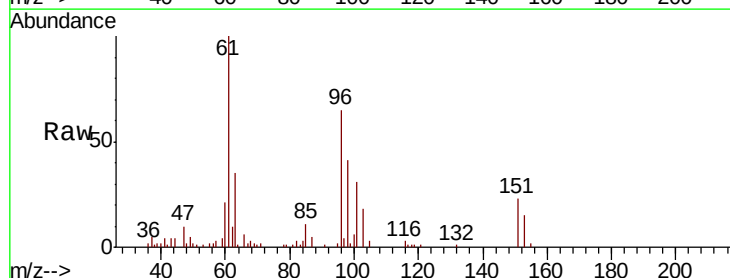
Tgt Ion: 96 Resp: 10916

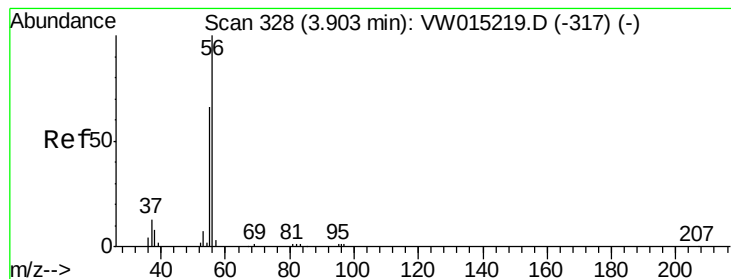
Ion Ratio Lower Upper

96 100

61 152.7 127.0 190.4

98 62.8 51.0 76.4





#13

Acrolein

Concen: 12.805 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

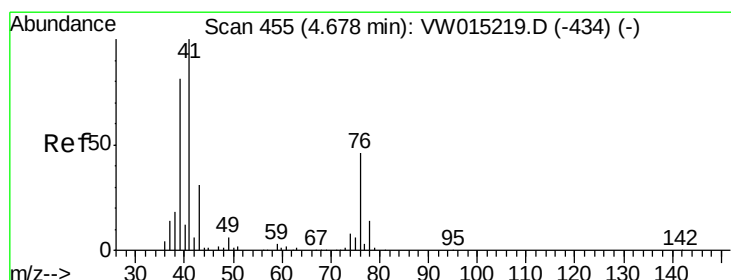
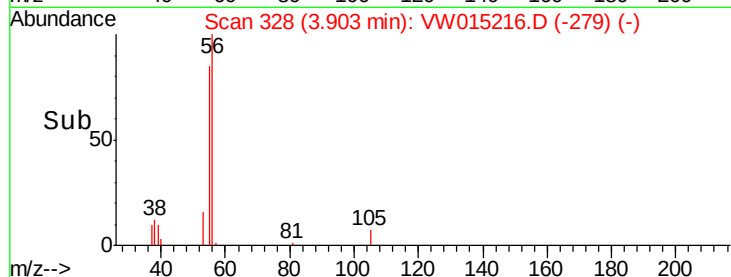
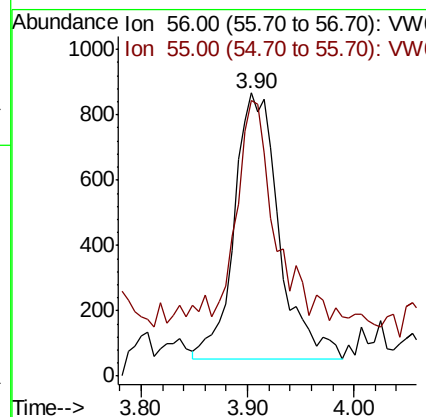
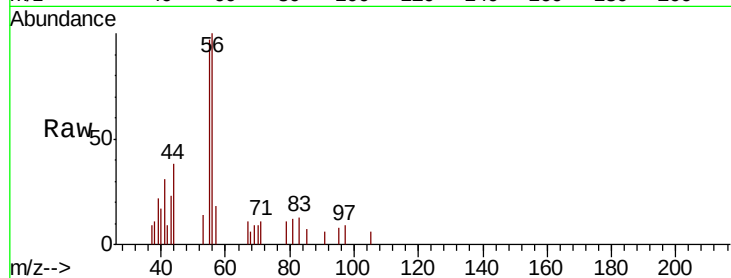
VSTDIC005

Tot Ion: 56 Resp: 2390

Ion Ratio Lower Upper

56 100

55 68.7 56.2 84.2



#14

Allyl chloride

Concen: 3.631 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

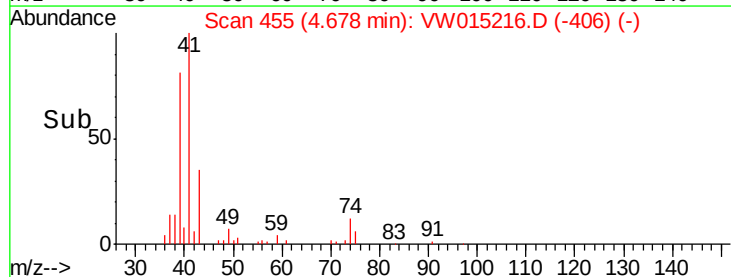
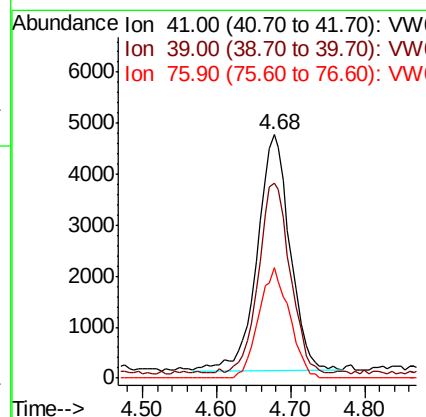
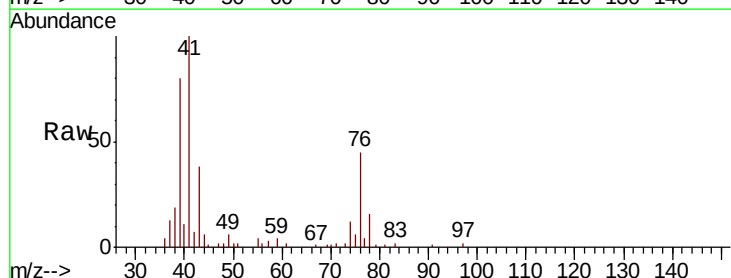
Tgt Ion: 41 Resp: 14317

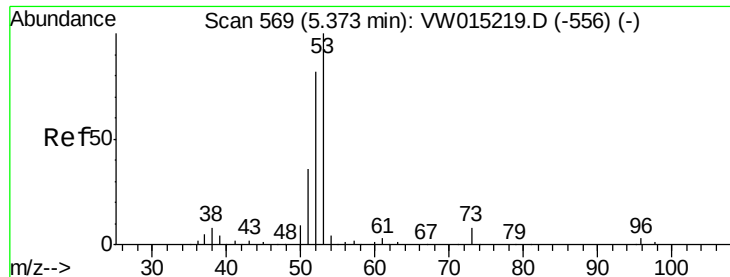
Ion Ratio Lower Upper

41 100

39 76.5 54.0 81.0

76 43.7 31.8 47.6





#15

Acrylonitrile

Concen: 17.543 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

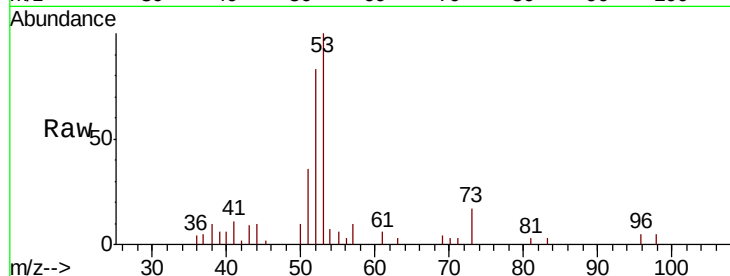
Tot Ion: 53 Resp: 9666

Ion Ratio Lower Upper

53 100

52 78.4 65.2 97.8

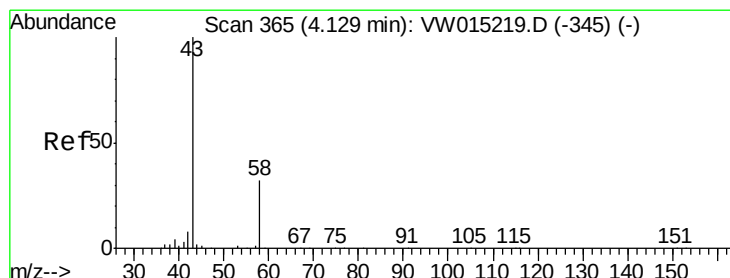
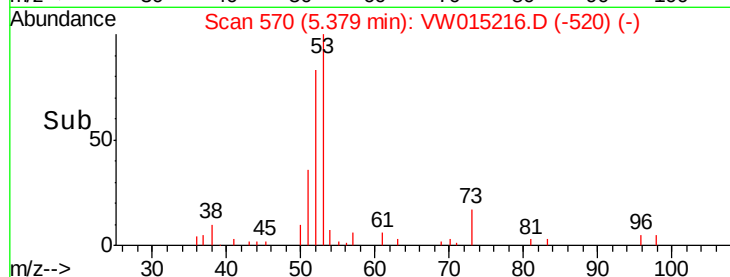
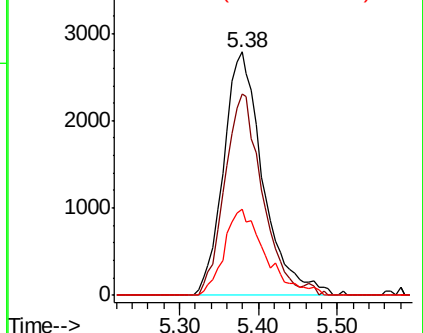
51 36.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 20.486 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015216.D

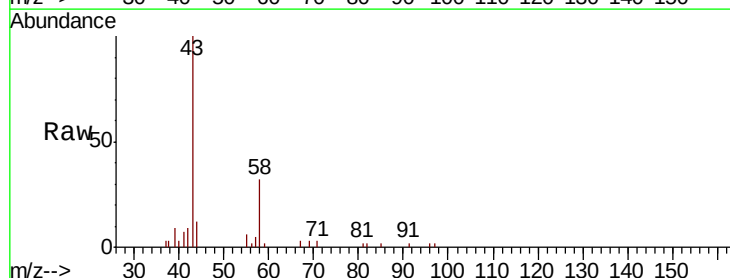
Acq: 20 Apr 2020 12:01

Tgt Ion: 43 Resp: 8824

Ion Ratio Lower Upper

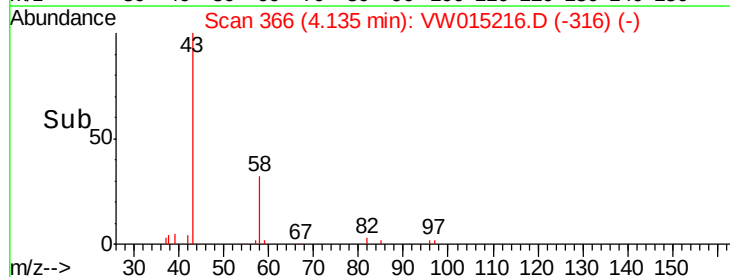
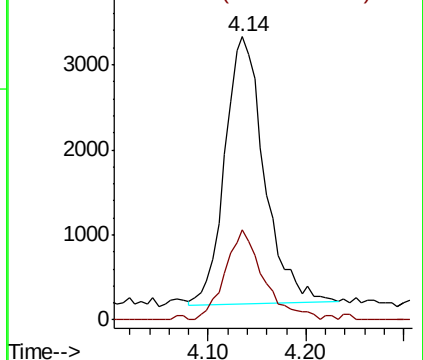
43 100

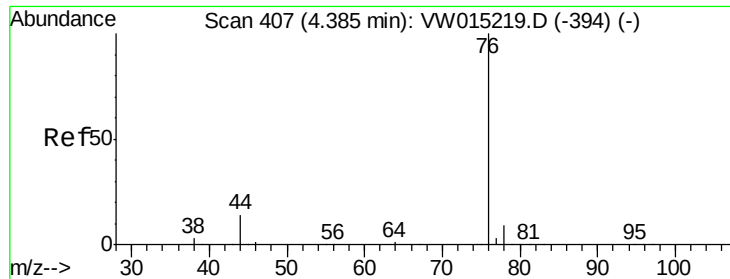
58 34.1 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

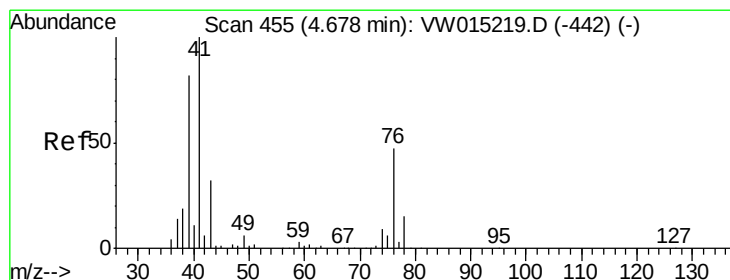
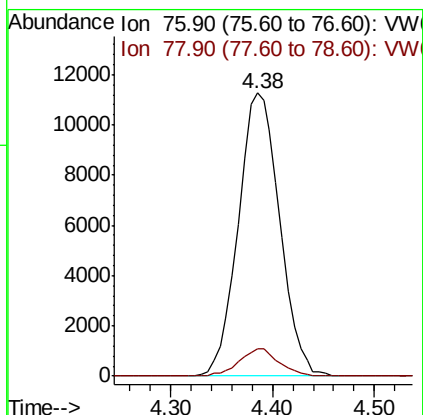
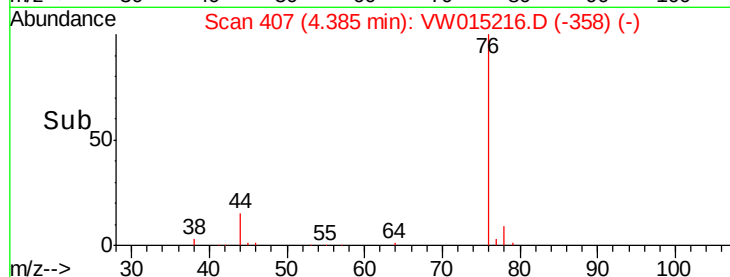
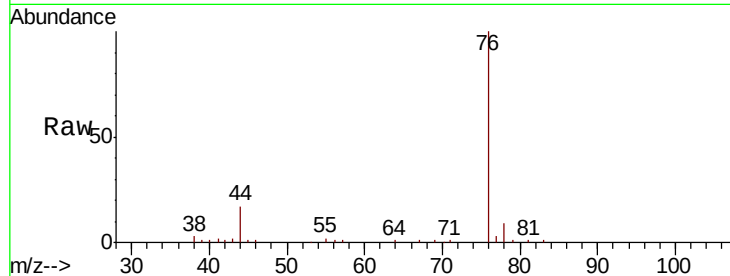




#17
Carbon Disulfide
Concen: 3.914 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

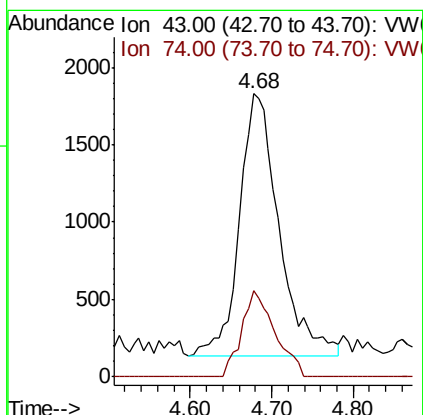
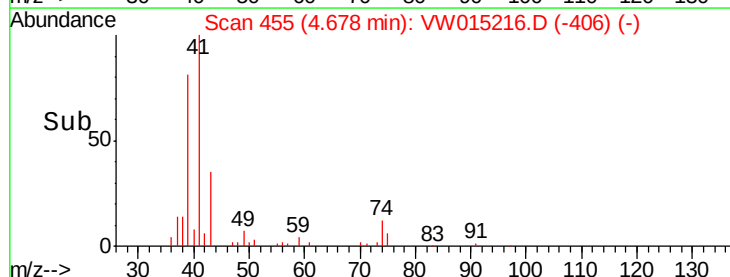
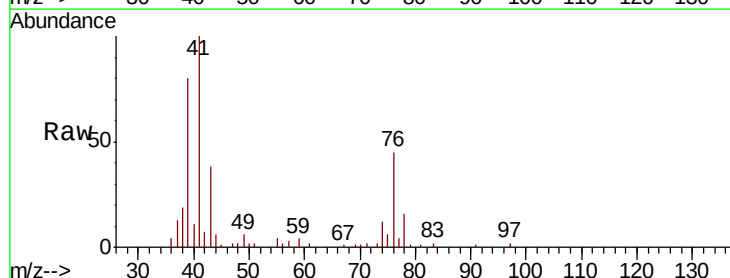
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

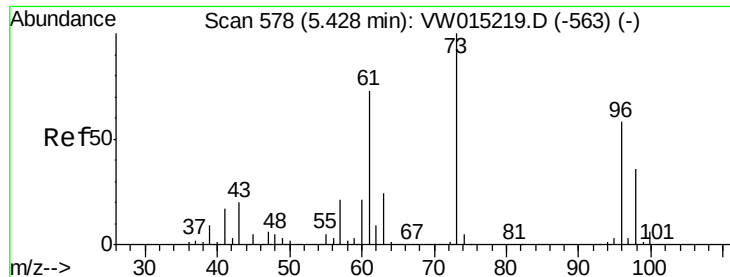
Tot Ion: 76 Resp: 31756
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 4.359 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 43 Resp: 5741
Ion Ratio Lower Upper
43 100
74 27.4 20.6 31.0

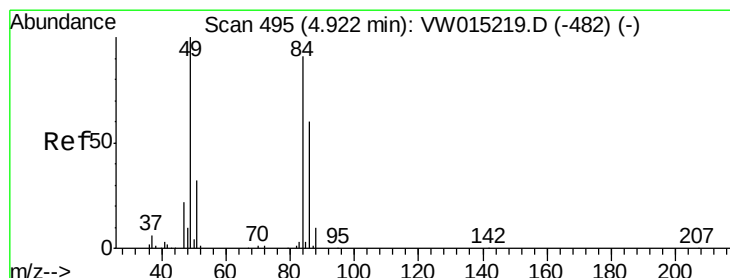
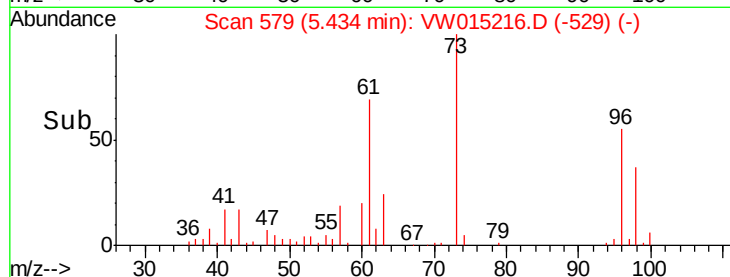
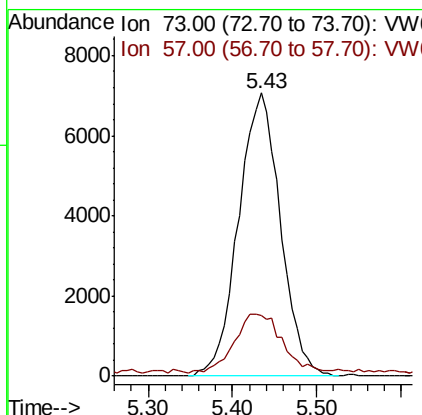
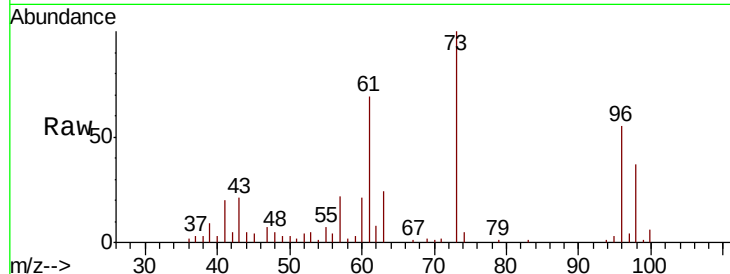




#19
Methyl tert-butyl Ether
Concen: 6.842 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

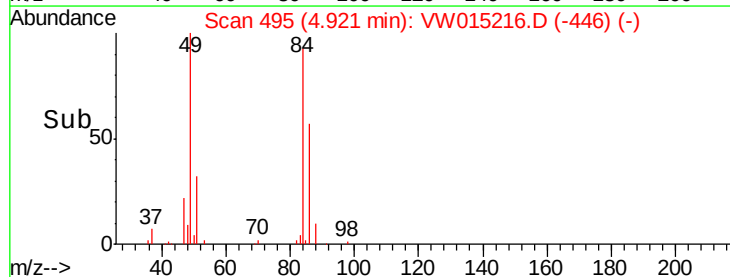
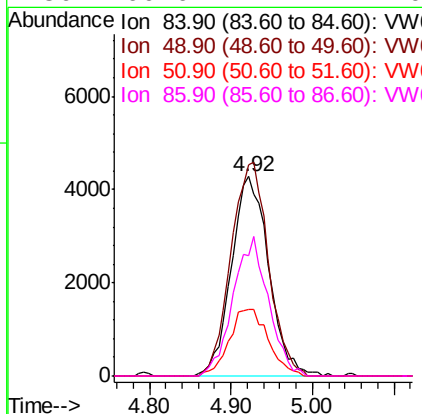
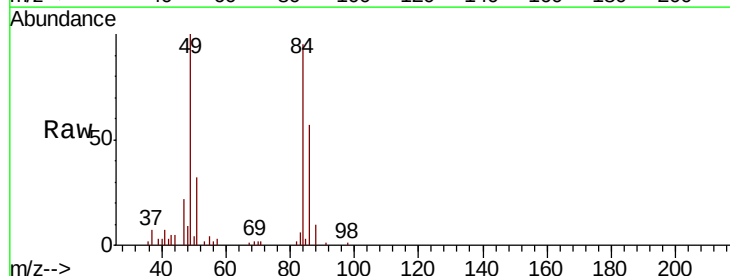
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

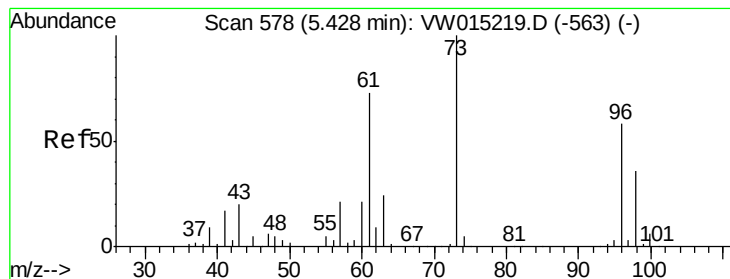
Tot Ion: 73 Resp: 23884
Ion Ratio Lower Upper
73 100
57 20.6 17.8 26.6



#20
Methylene Chloride
Concen: 4.563 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 84 Resp: 13610
Ion Ratio Lower Upper
84 100
49 105.7 95.4 143.0
51 33.3 29.8 44.8
86 60.6 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 4.350 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

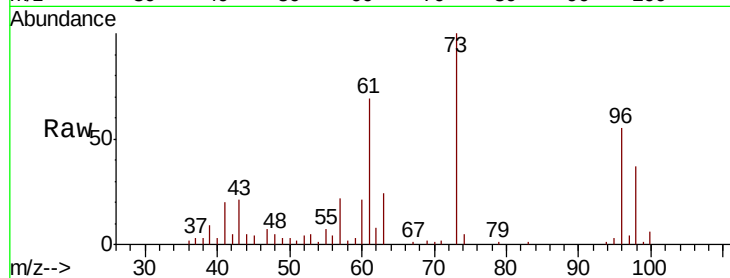
Tot Ion: 96 Resp: 12233

Ion Ratio Lower Upper

96 100

61 124.3 107.8 161.6

98 67.1 50.2 75.2

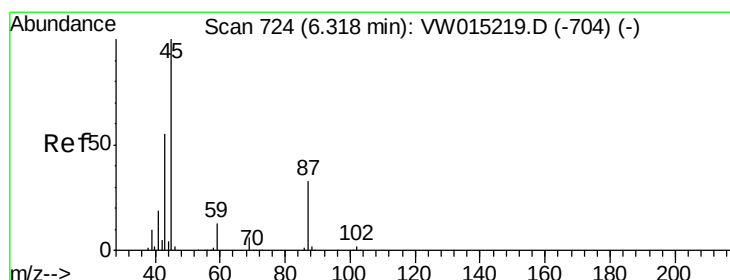
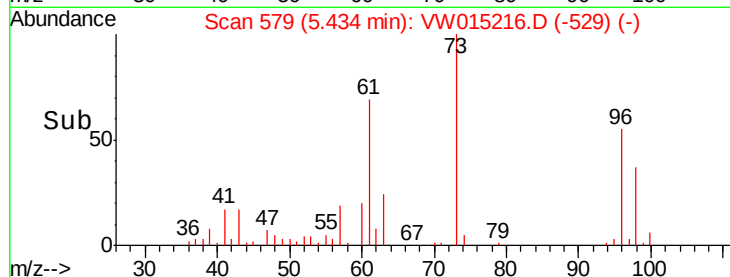
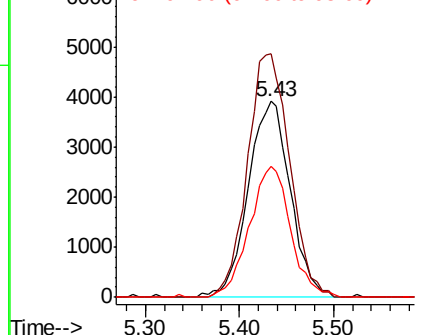


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 3.398 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Tgt Ion: 45 Resp: 27020

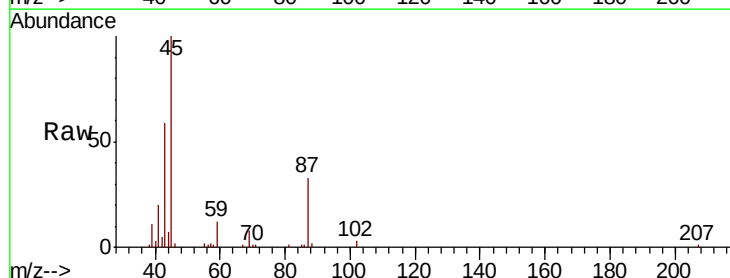
Ion Ratio Lower Upper

45 100

43 56.4 41.8 62.6

87 32.8 23.2 34.8

59 11.9 9.6 14.4



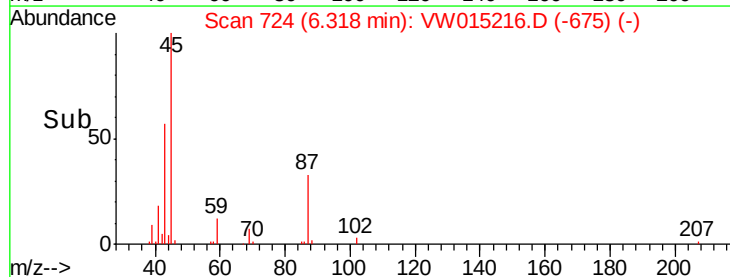
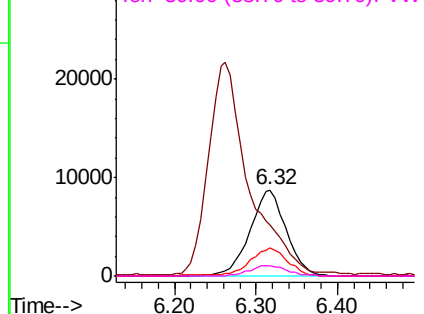
Abundance

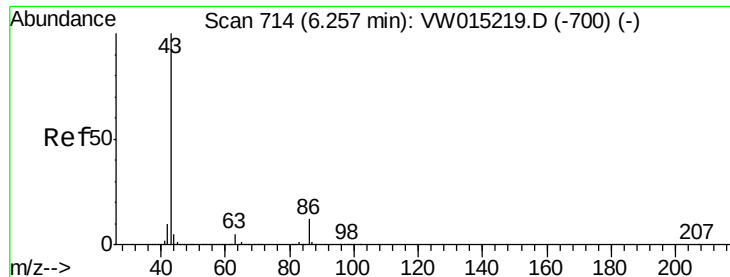
Ion 45.00 (44.70 to 45.70): VW

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: 16.260 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

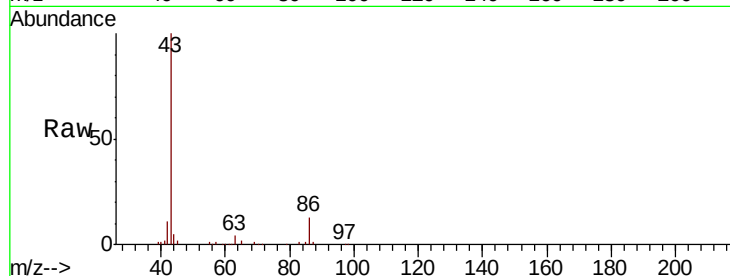
VSTDIC005

Tot Ion: 43 Resp: 75091

Ion Ratio Lower Upper

43 100

86 13.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

25000

20000

15000

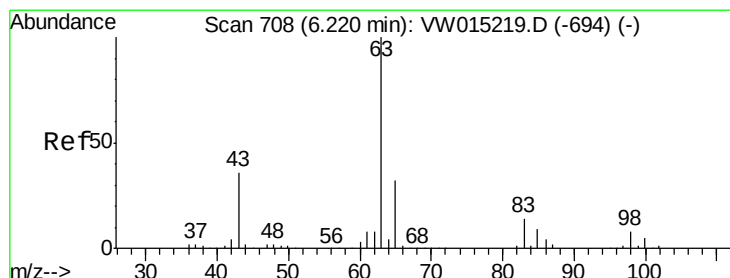
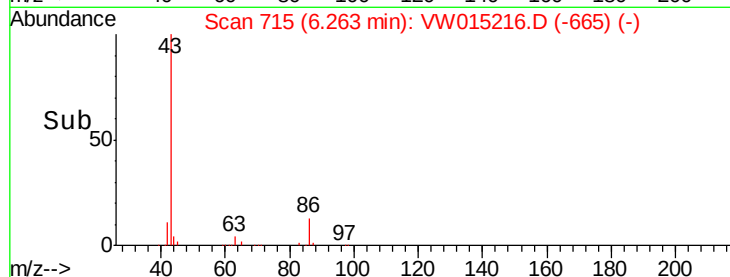
10000

5000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 3.992 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

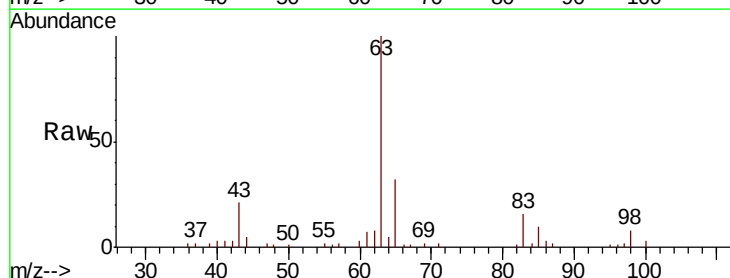
Tgt Ion: 63 Resp: 18874

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 3.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

8000

6000

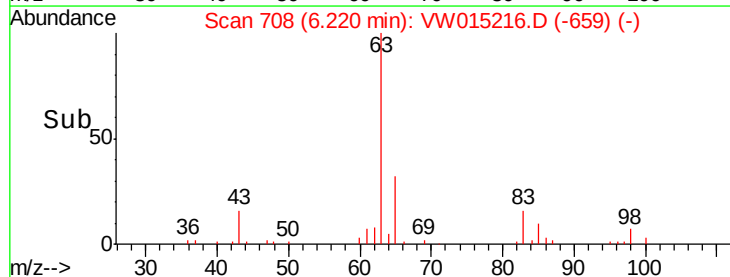
4000

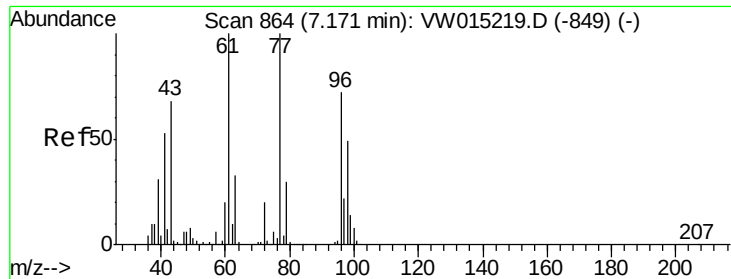
2000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 16.708 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampled :

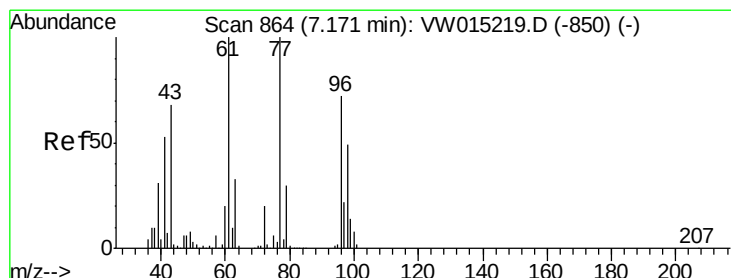
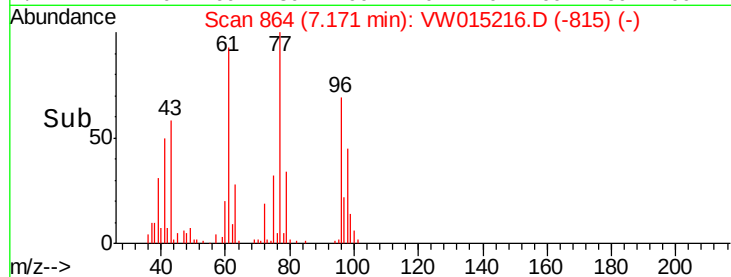
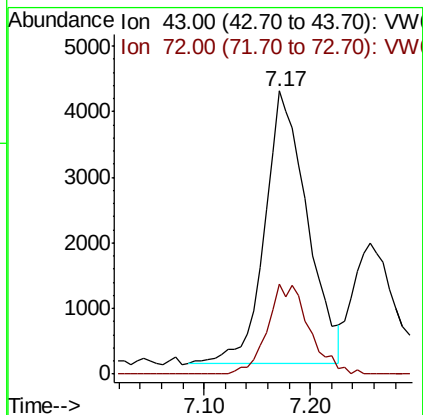
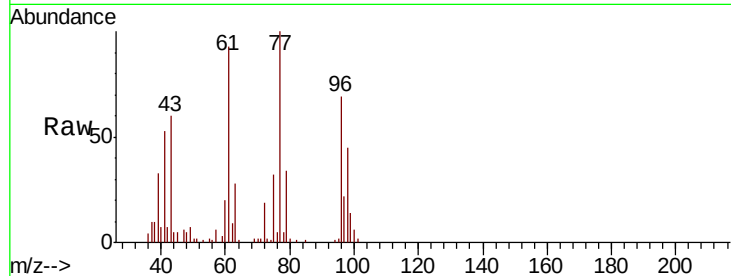
VSTDIC005

Tot Ion: 43 Resp: 11517

Ion Ratio Lower Upper

43 100

72 32.9 21.6 32.4#



#26

2,2-Dichloropropane

Concen: 6.752 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015216.D

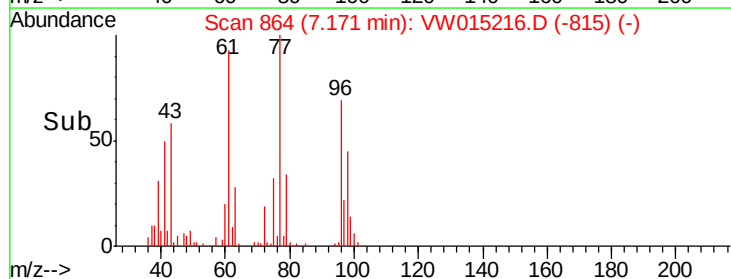
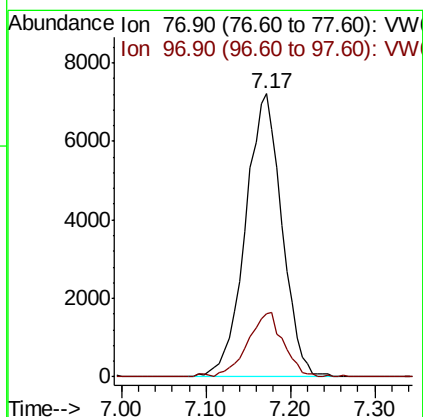
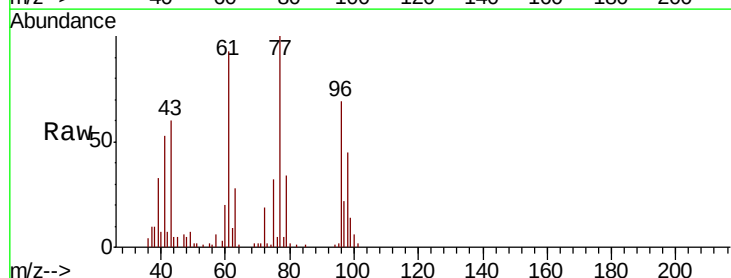
Acq: 20 Apr 2020 12:01

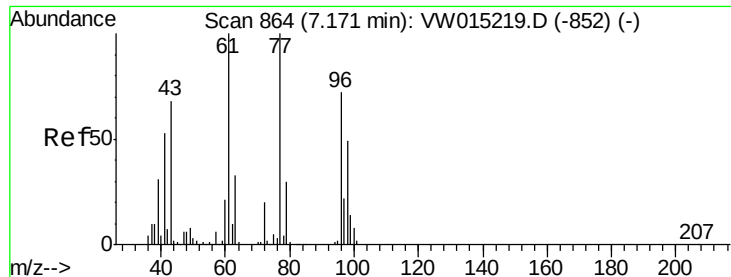
Tgt Ion: 77 Resp: 21247

Ion Ratio Lower Upper

77 100

97 22.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 4.346 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

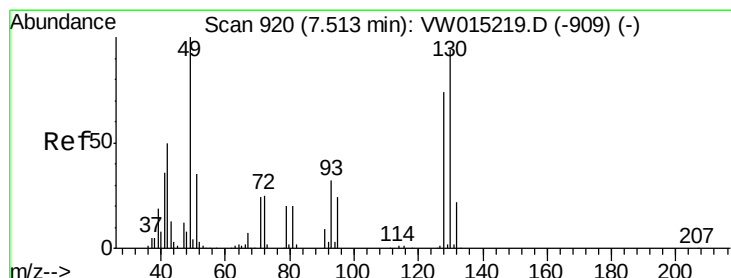
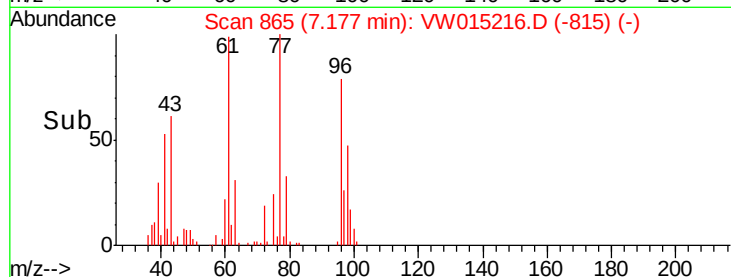
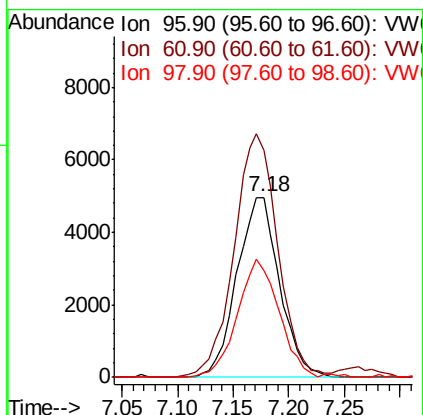
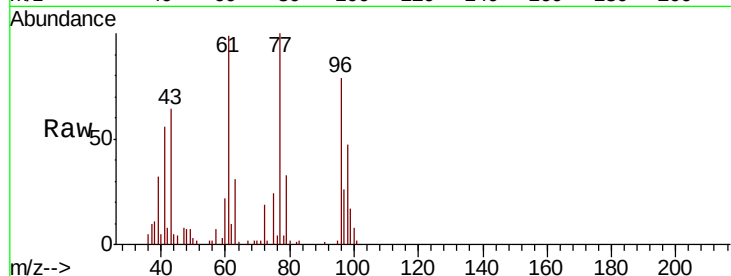
Tot Ion: 96 Resp: 13176

Ion Ratio Lower Upper

96 100

61 139.3 0.0 275.0

98 63.9 0.0 130.8



#28

Bromochloromethane

Concen: 3.721 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

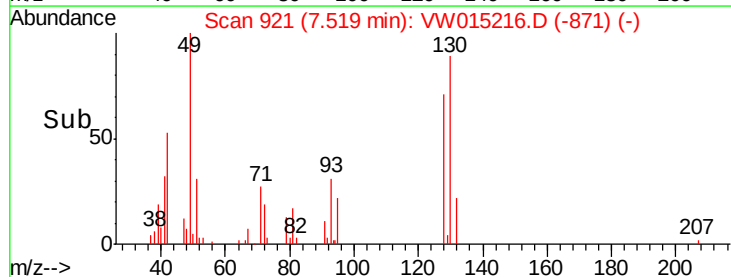
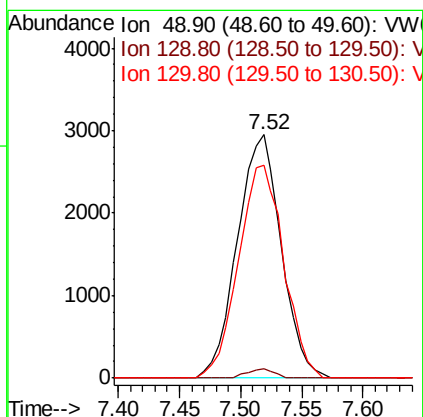
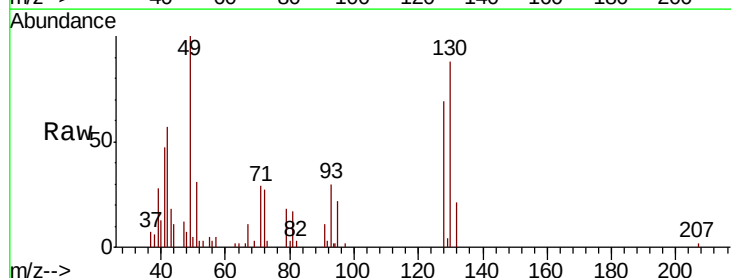
Tgt Ion: 49 Resp: 7352

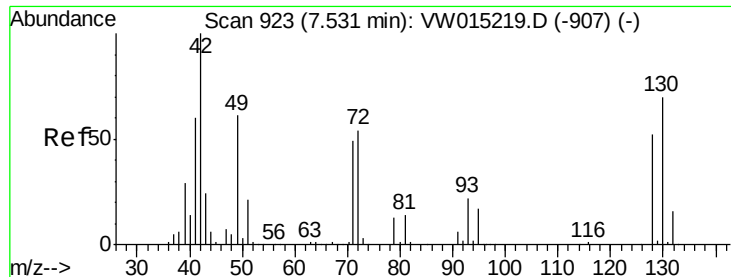
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.3 60.9 91.3





#29

Tetrahydrofuran

Concen: 15.667 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

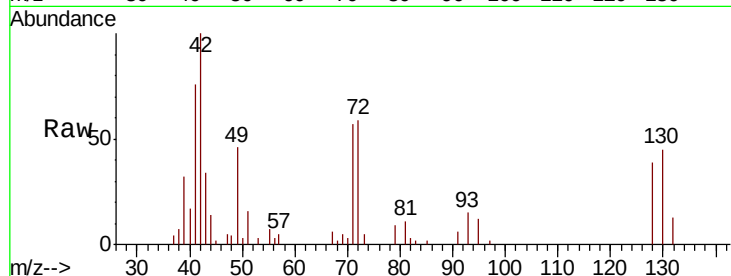
Tot Ion: 42 Resp: 7079

Ion Ratio Lower Upper

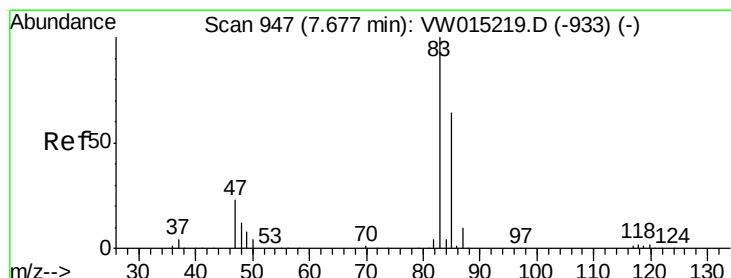
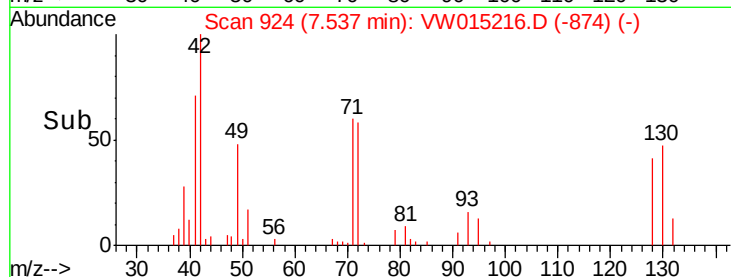
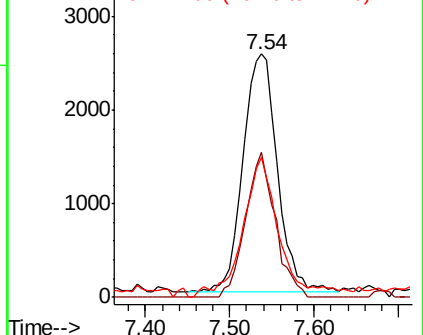
42 100

72 52.2 36.2 54.2

71 59.7 34.2 51.4#



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: 4.454 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW015216.D

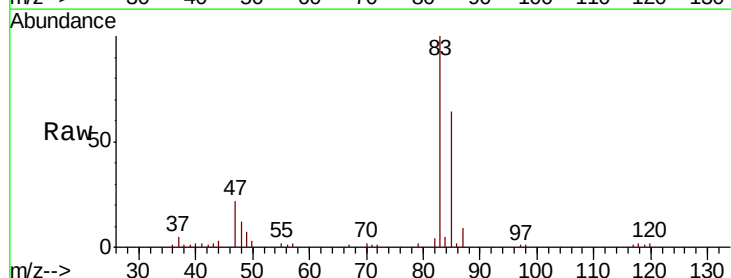
Acq: 20 Apr 2020 12:01

Tgt Ion: 83 Resp: 20628

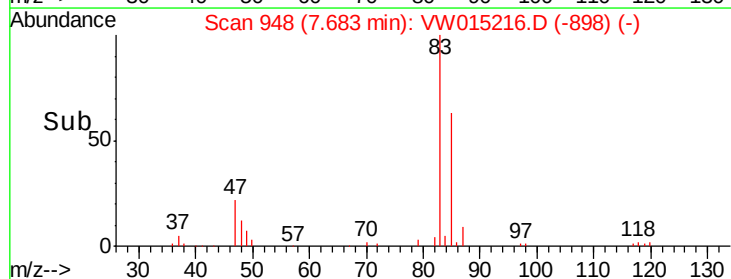
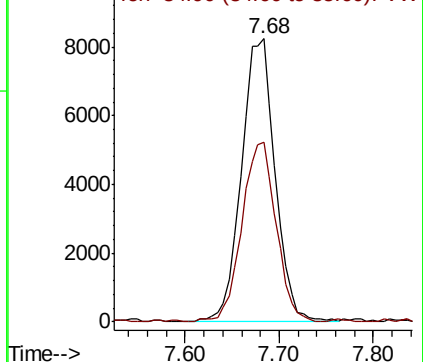
Ion Ratio Lower Upper

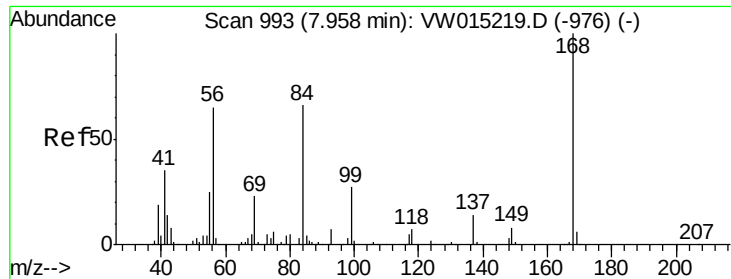
83 100

85 63.6 50.9 76.3



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

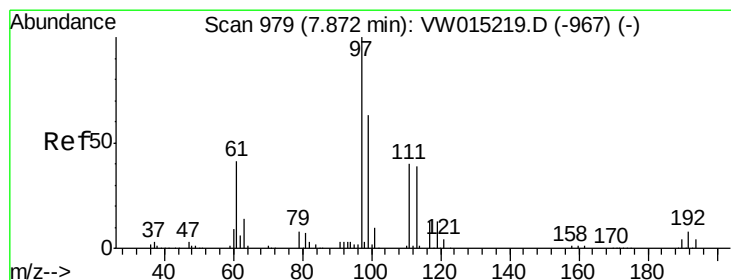
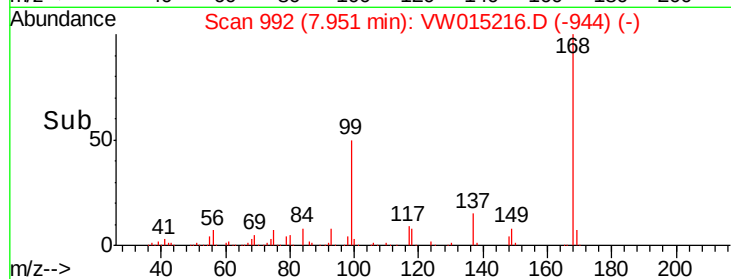
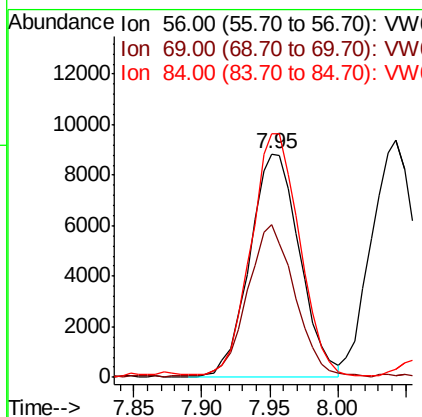
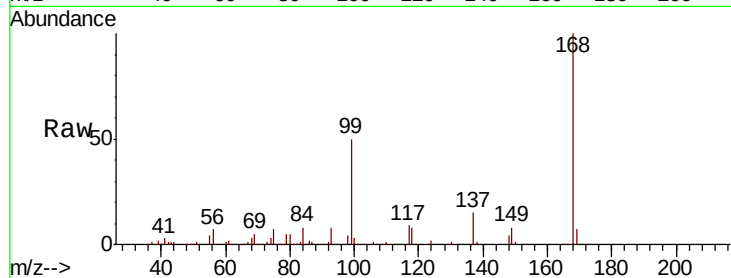




#31
Cyclohexane
Concen: 4.509 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

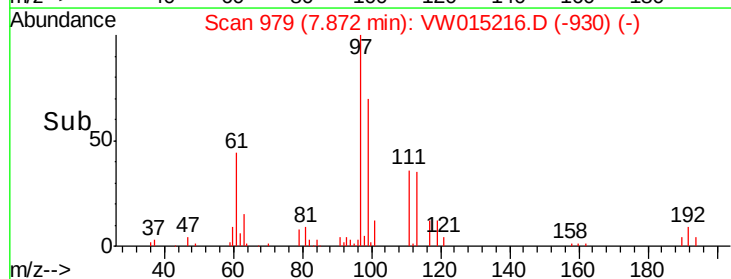
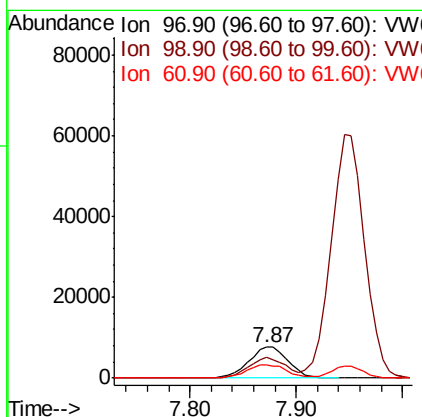
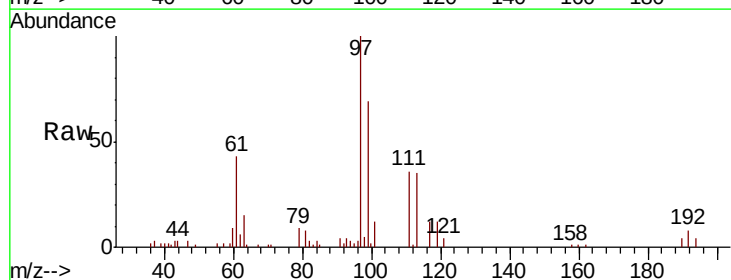
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

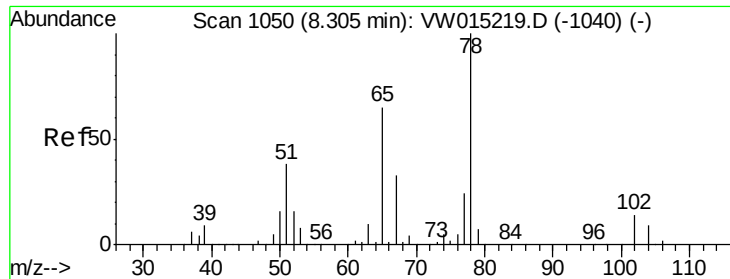
Tot Ion: 56 Resp: 22788
Ion Ratio Lower Upper
56 100
69 67.6 27.1 40.7#
84 107.7 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 5.137 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 97 Resp: 20042
Ion Ratio Lower Upper
97 100
99 62.5 52.2 78.2
61 43.1 34.2 51.2

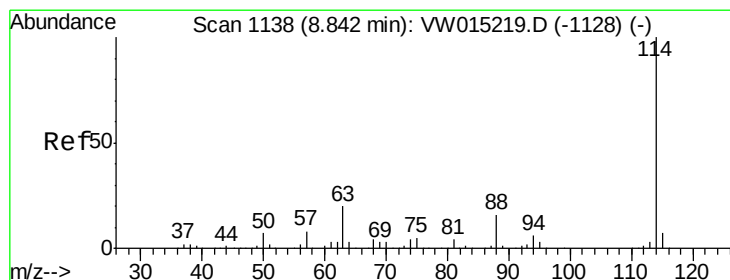
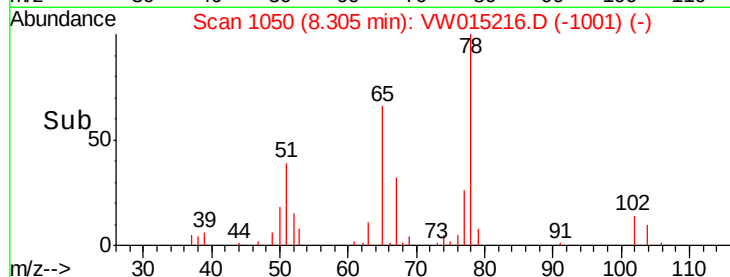
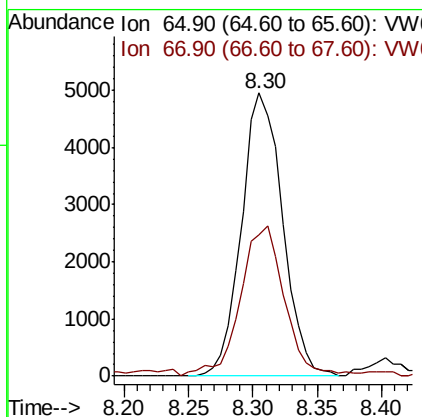
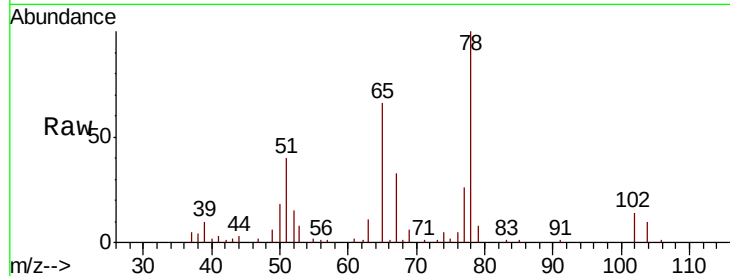




#33
 1,2-Dichloroethane-d4
 Concen: 4.530 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

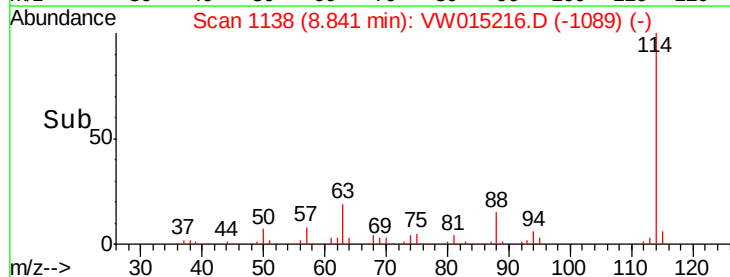
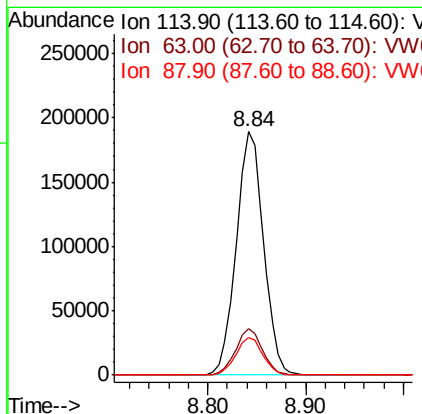
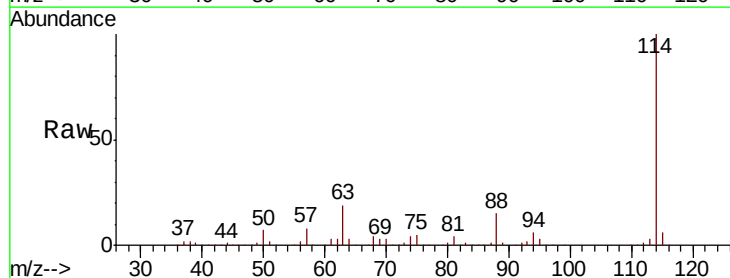
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

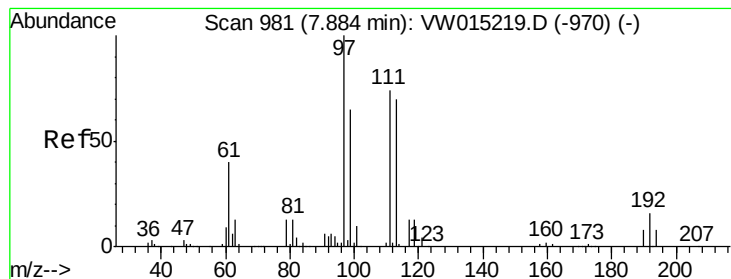
Tot Ion: 65 Resp: 10956
 Ion Ratio Lower Upper
 65 100
 67 57.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

Tgt Ion: 114 Resp: 366439
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 4.987 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

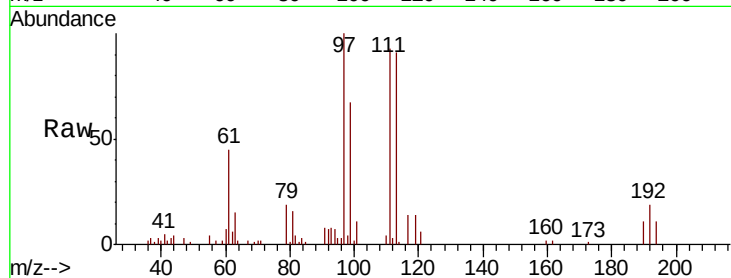
Tot Ion:113 Resp: 10105

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

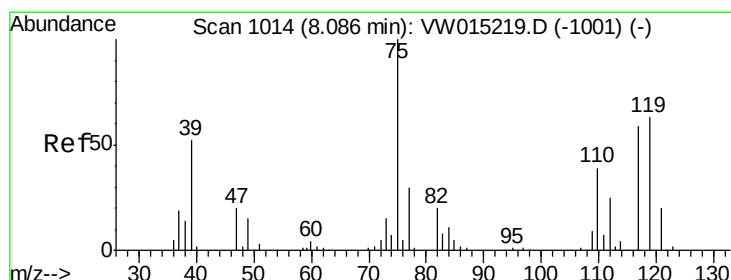
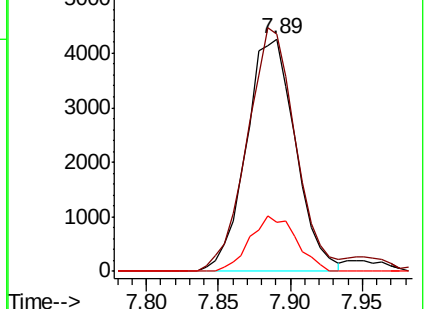
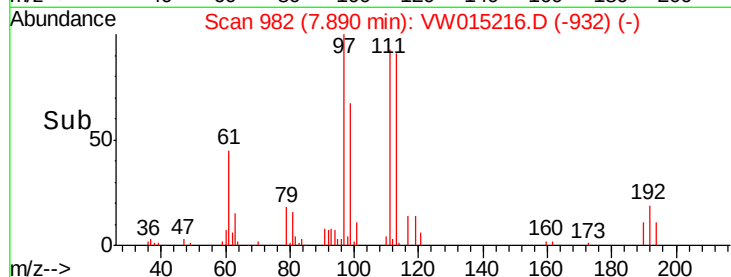
192 22.3 15.1 22.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.141 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

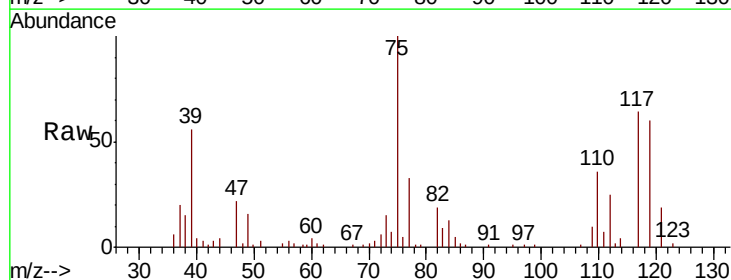
Tgt Ion: 75 Resp: 16830

Ion Ratio Lower Upper

75 100

110 36.4 18.2 54.6

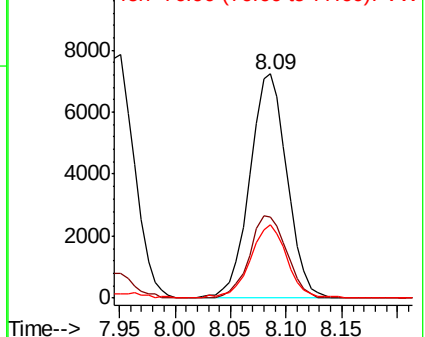
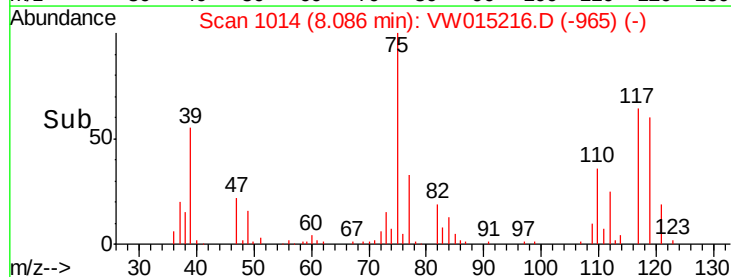
77 32.6 24.5 36.7

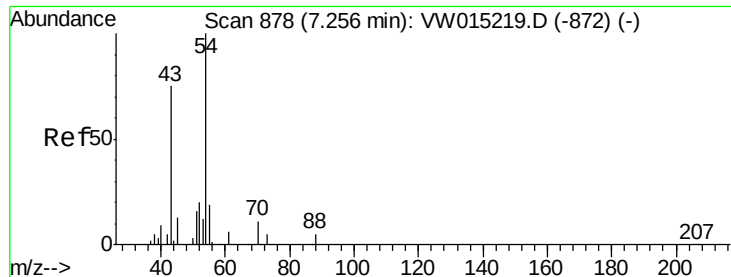


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

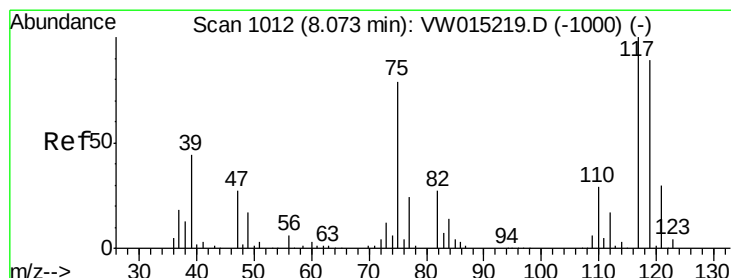
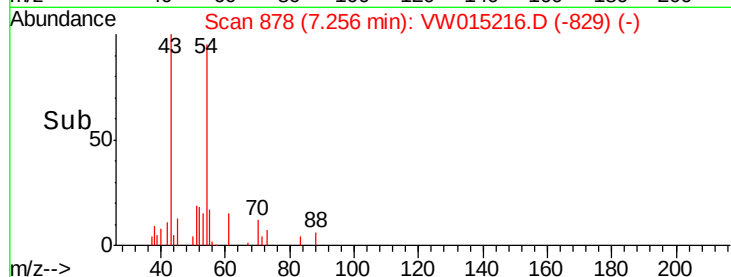
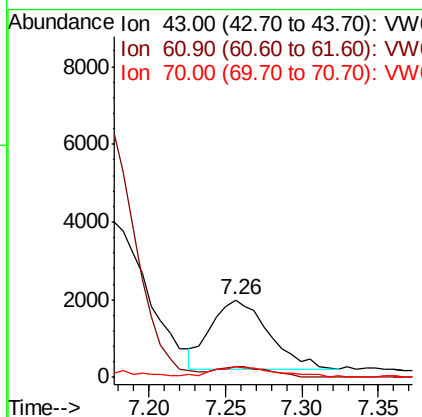
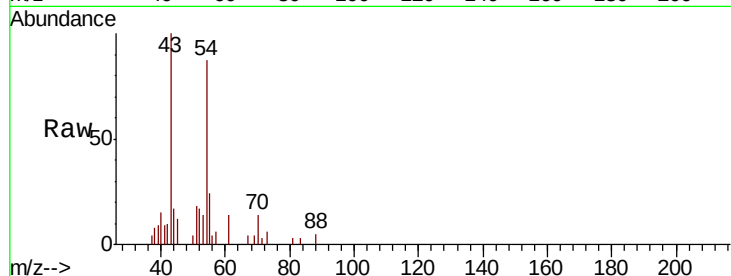




#37
Ethyl Acetate
Concen: 3.440 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

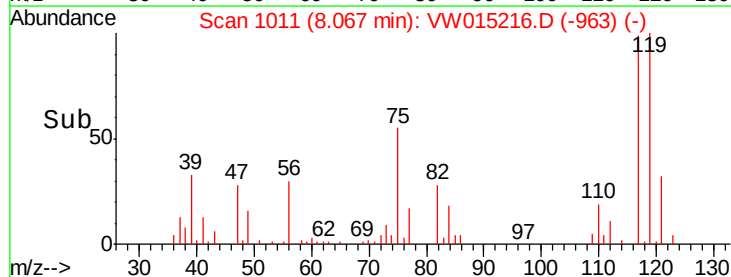
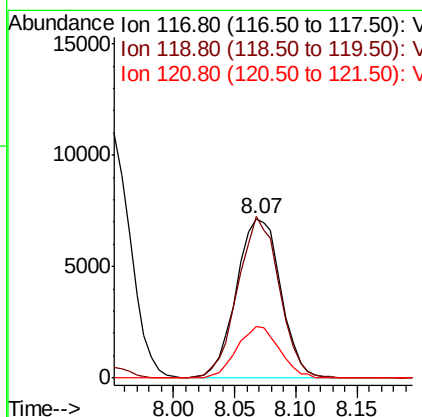
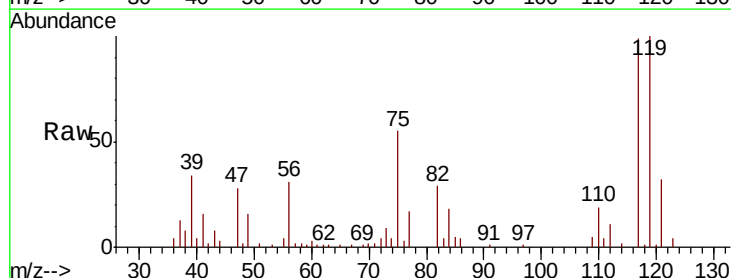
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

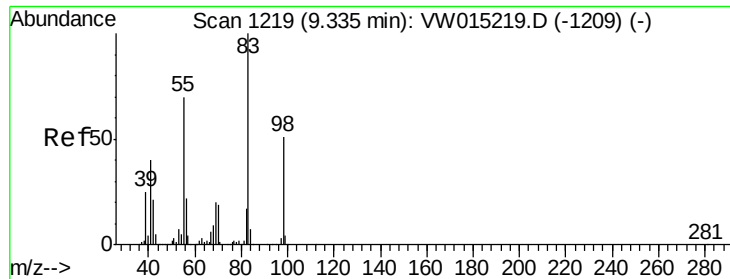
Tot Ion: 43 Resp: 4687
Ion Ratio Lower Upper
43 100
61 13.3 11.9 17.9
70 17.8 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.989 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 117 Resp: 18024
Ion Ratio Lower Upper
117 100
119 101.4 72.3 108.5
121 32.0 23.7 35.5

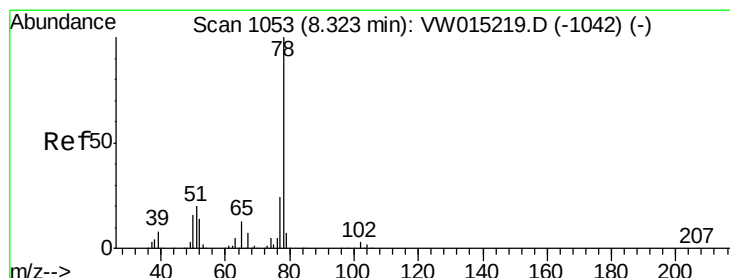
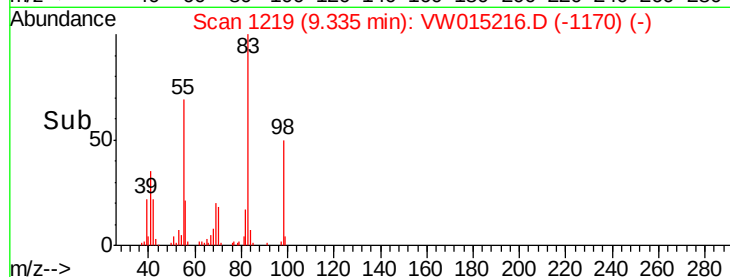
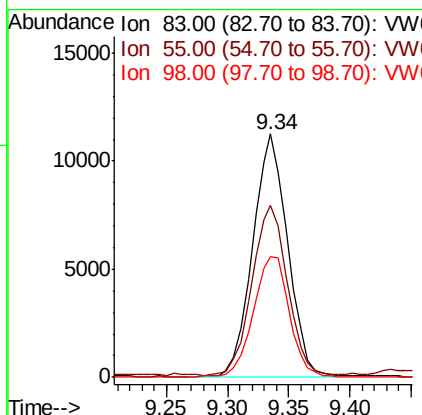
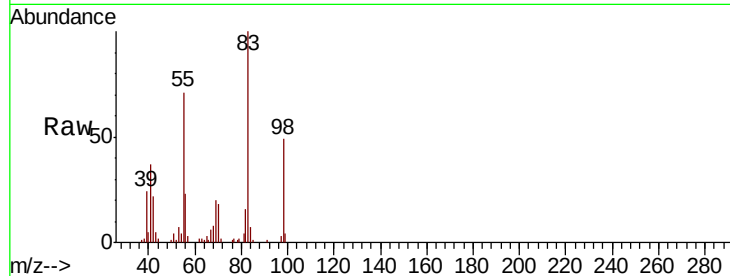




#39
Methylvlcyclohexane
Concen: 5.096 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

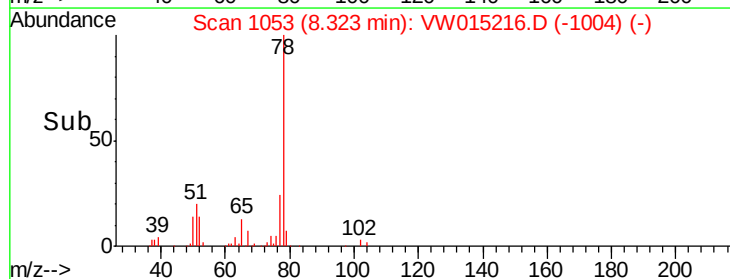
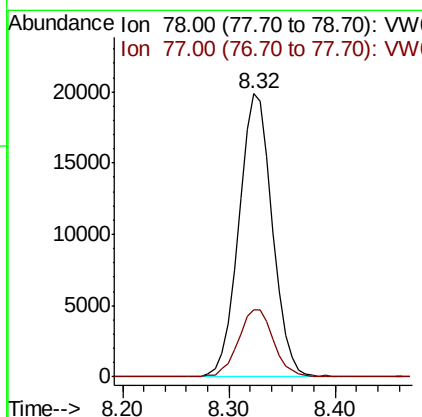
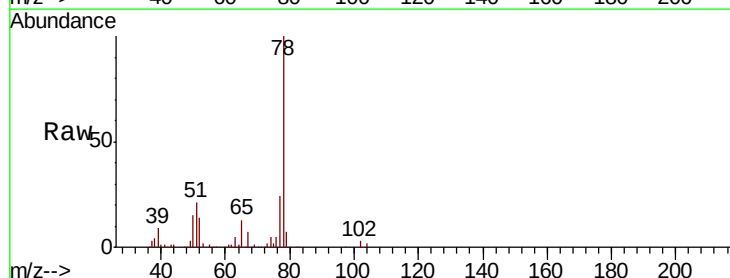
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

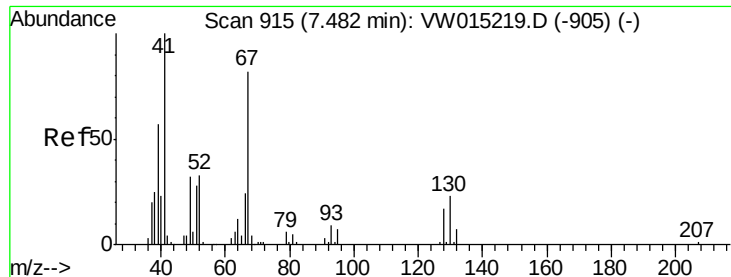
Tot Ion: 83 Resp: 22417
Ion Ratio Lower Upper
83 100
55 69.4 58.1 87.1
98 49.3 40.2 60.4



#40
Benzene
Concen: 4.700 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 78 Resp: 43685
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2

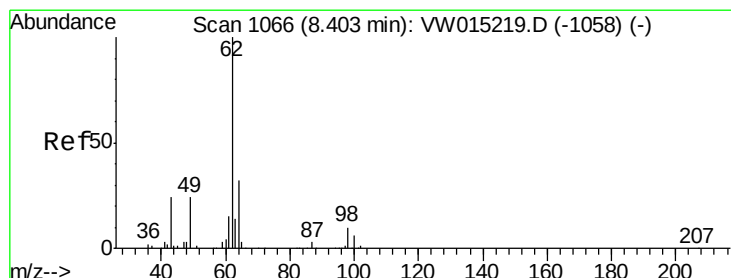
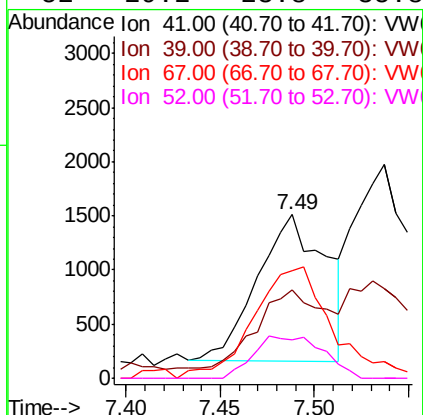
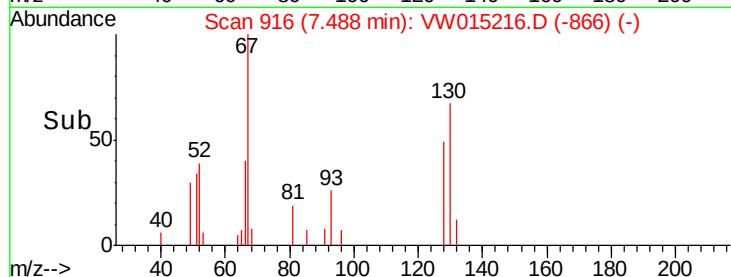
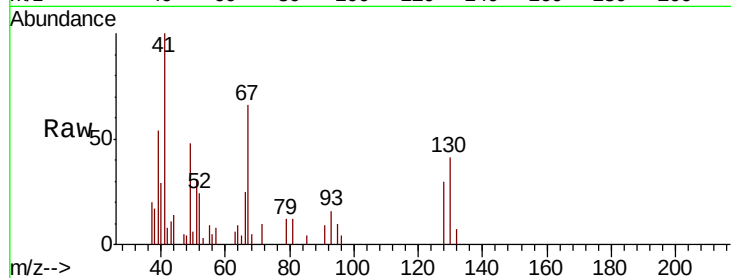




#41
Methacrylonitrile
Concen: 4.239 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

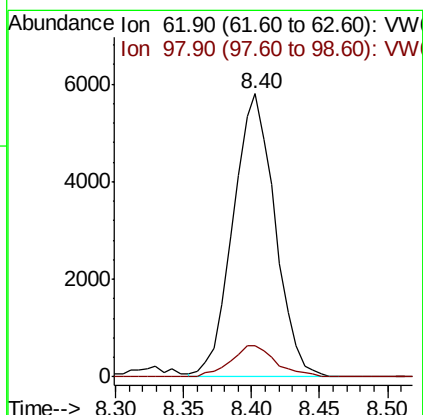
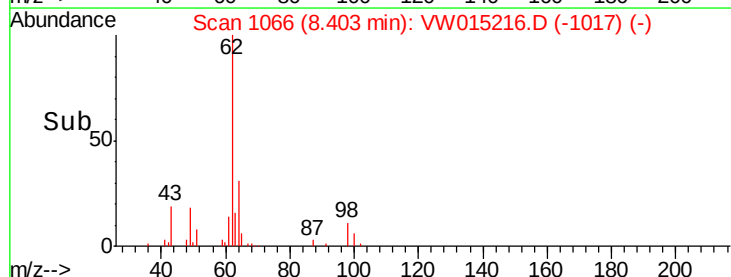
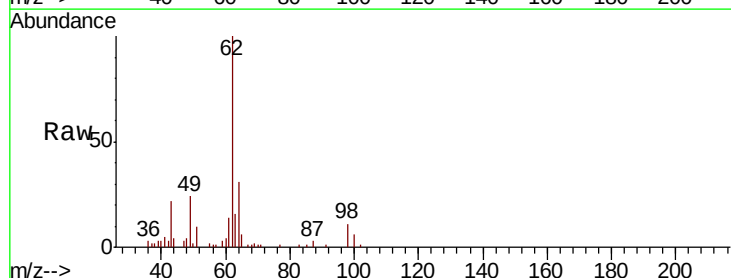
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

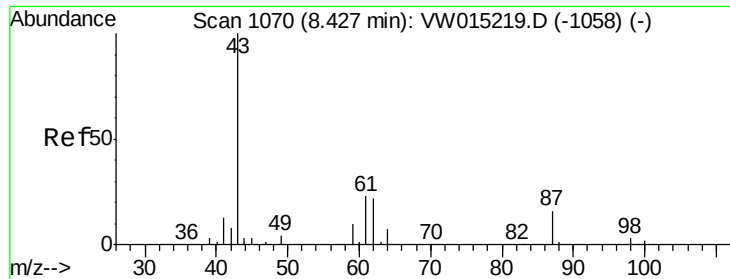
Tot Ion:	41	Resp:	3417
Ion	Ratio	Lower	Upper
41	100		
39	53.5	41.9	62.9
67	86.8	60.6	91.0
52	29.2	23.8	35.8



#42
1,2-Dichloroethane
Concen: 5.289 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion:	62	Resp:	12477
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	20.4





#43

Isopropyl Acetate

Concen: 3.945 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

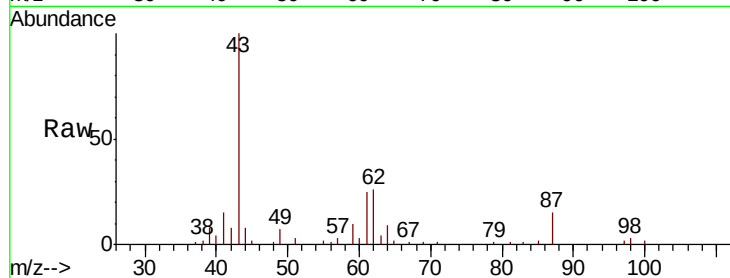
Tot Ion: 43 Resp: 10504

Ion Ratio Lower Upper

43 100

61 33.4 24.8 37.2

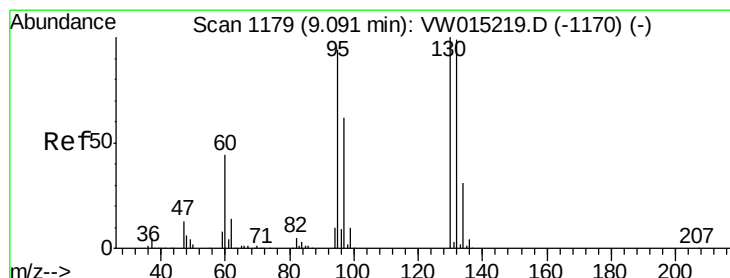
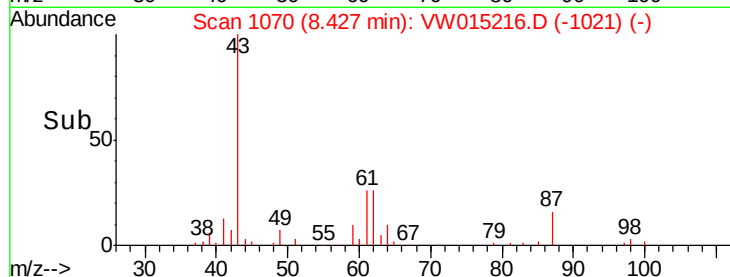
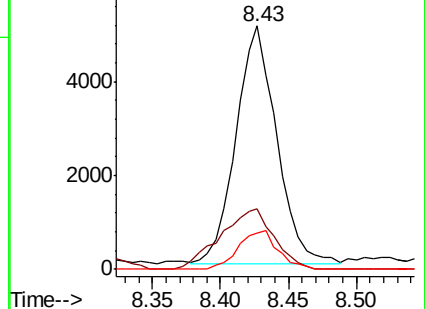
87 15.8 11.4 17.2



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: 5.407 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015216.D

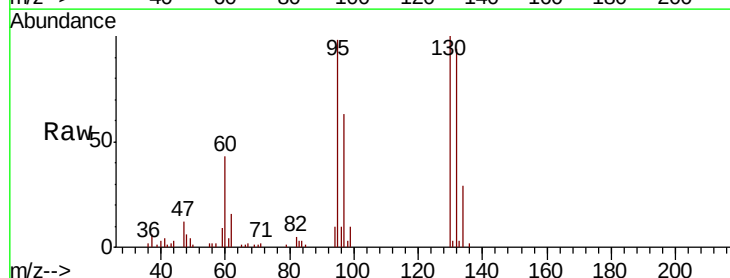
Acq: 20 Apr 2020 12:01

Tgt Ion: 130 Resp: 13207

Ion Ratio Lower Upper

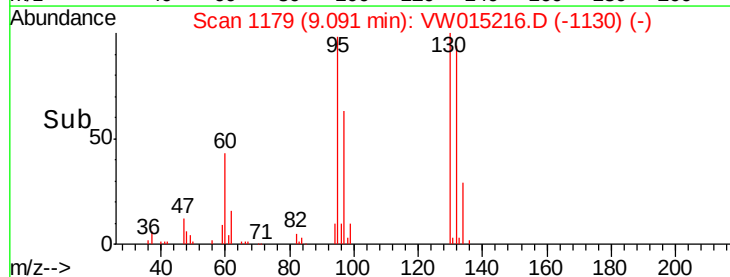
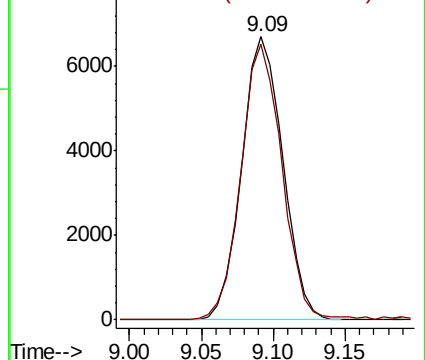
130 100

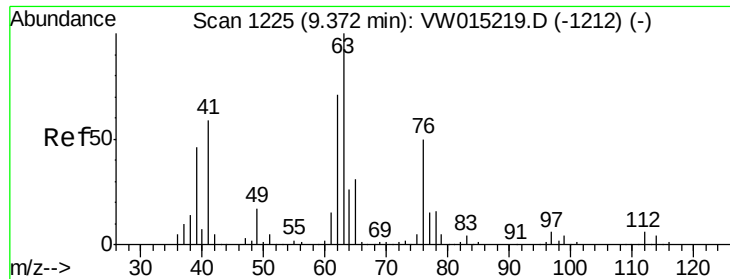
95 97.5 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

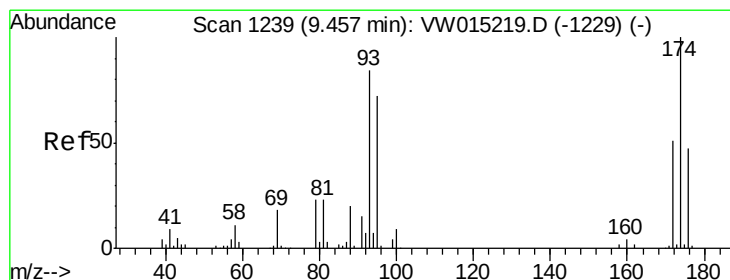
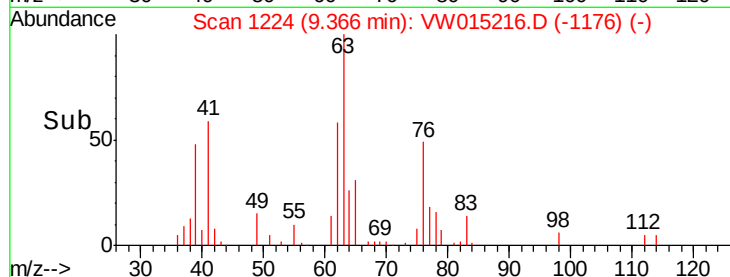
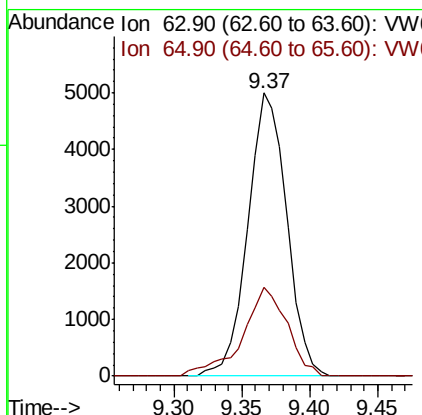
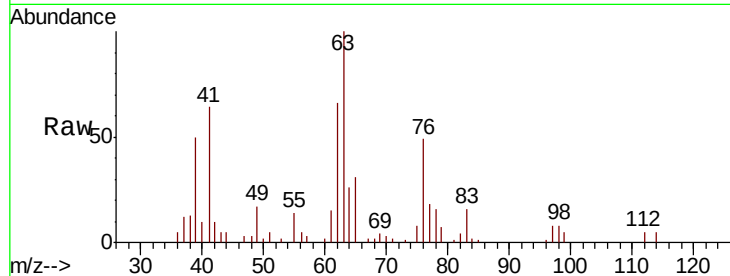




#45
 1,2-Dichloropropane
 Concen: 4.376 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

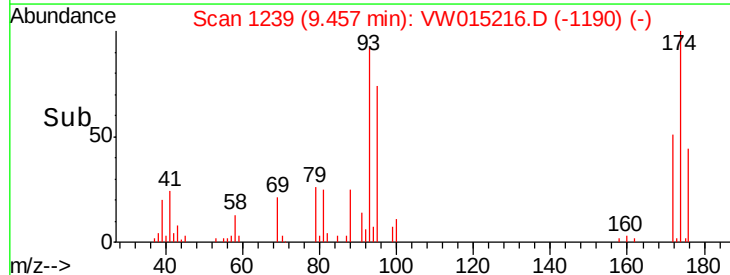
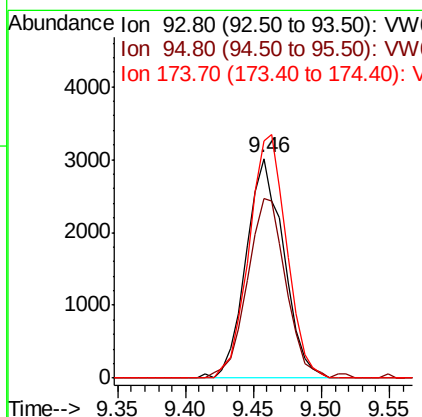
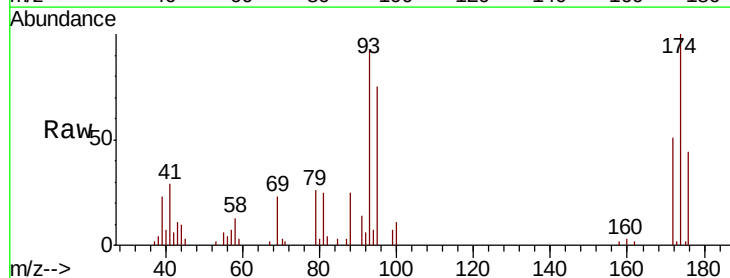
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

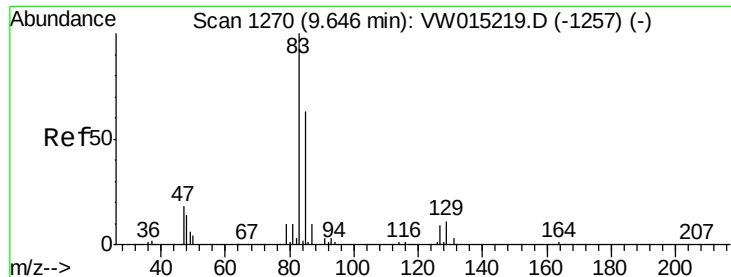
Tot Ion: 63 Resp: 10007
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.5 38.3



#46
 Dibromomethane
 Concen: 5.096 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

Tgt Ion: 93 Resp: 5825
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.5 101.3
 174 110.9 74.1 111.1

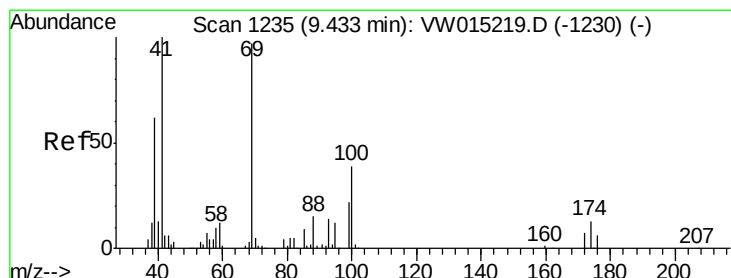
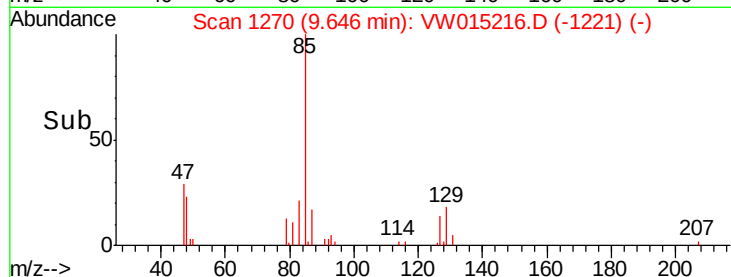
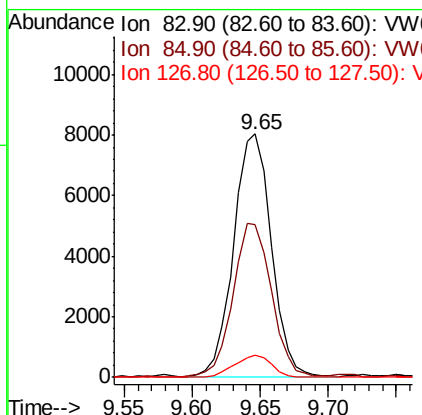
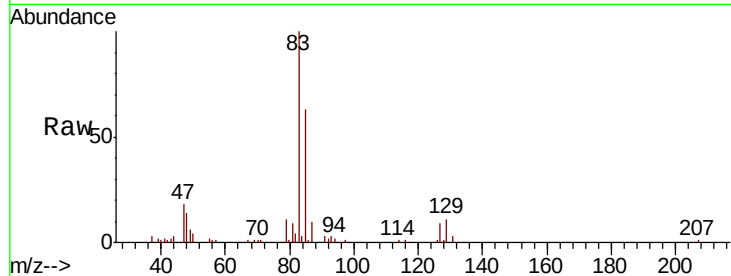




#47
 Bromodichloromethane
 Concen: 5.279 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

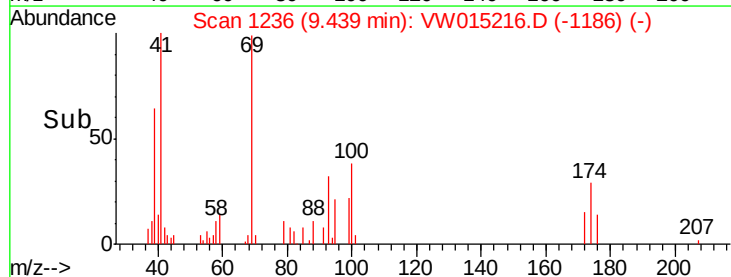
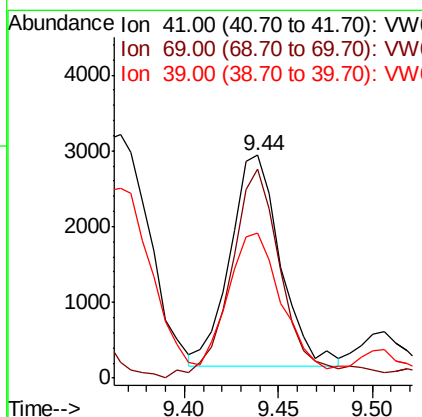
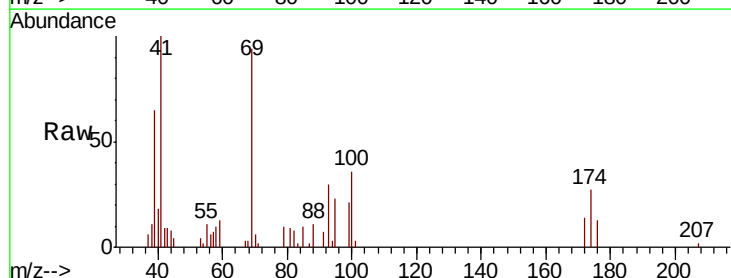
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

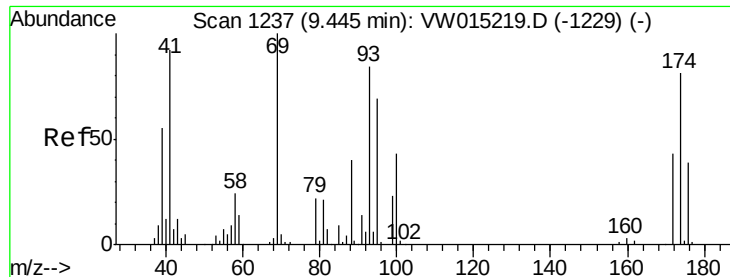
Tot Ion: 83 Resp: 15643
 Ion Ratio Lower Upper
 83 100
 85 62.1 50.6 76.0
 127 8.9 6.7 10.1



#48
 Methyl methacrylate
 Concen: 4.153 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

Tgt Ion: 41 Resp: 5172
 Ion Ratio Lower Upper
 41 100
 69 101.4 70.6 105.8
 39 65.0 42.6 64.0#





#49

1,4-Dioxane

Concen: 80.846 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

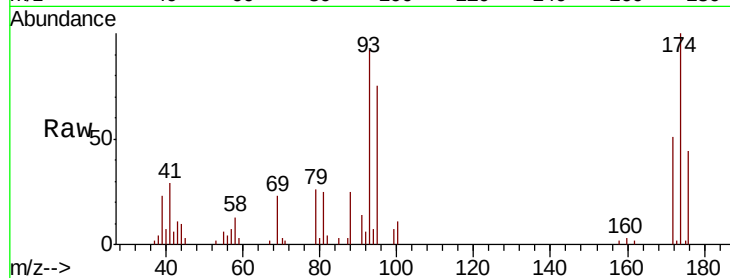
Tot Ion: 88 Resp: 1466

Ion Ratio Lower Upper

88 100

43 28.9 23.5 35.3

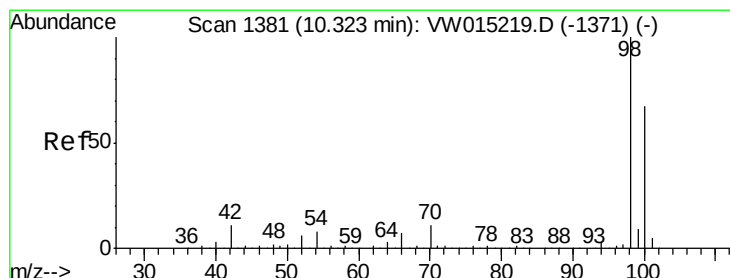
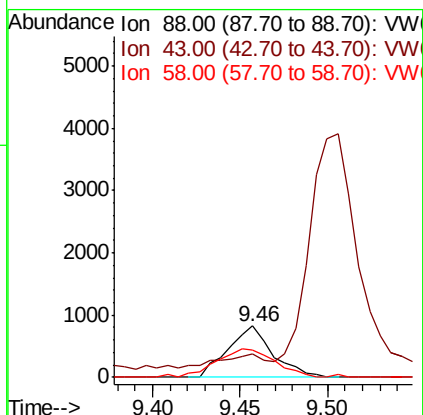
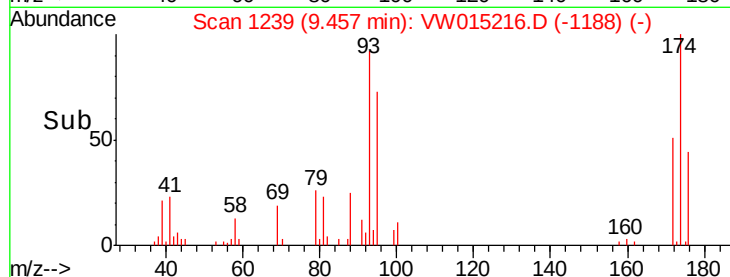
58 74.3 55.4 83.2



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: 5.651 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015216.D

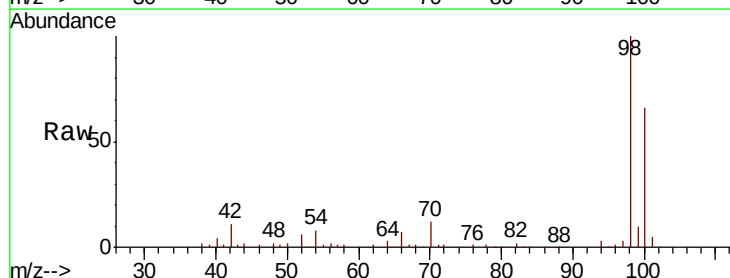
Acq: 20 Apr 2020 12:01

Tgt Ion: 98 Resp: 46522

Ion Ratio Lower Upper

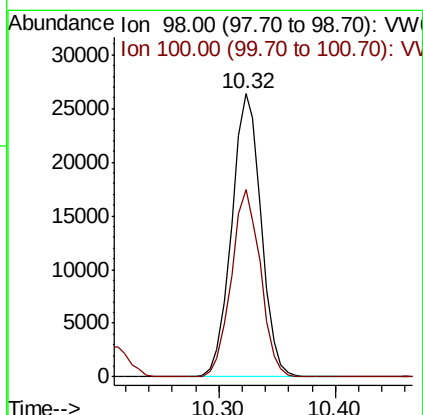
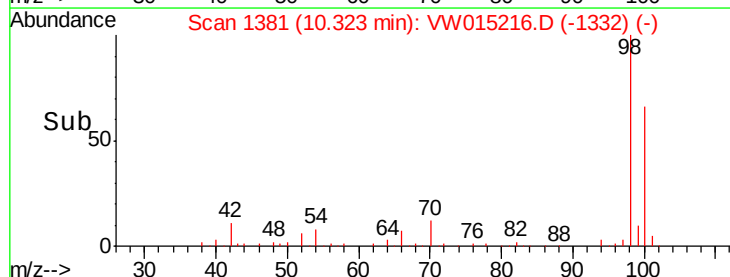
98 100

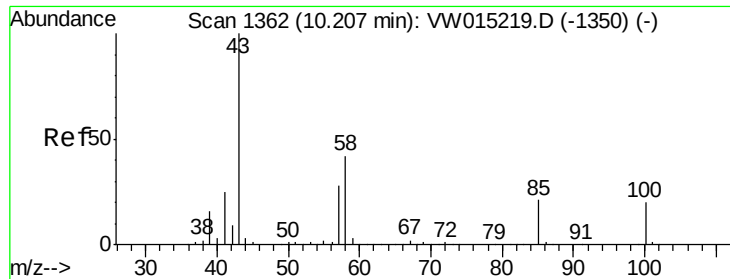
100 65.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

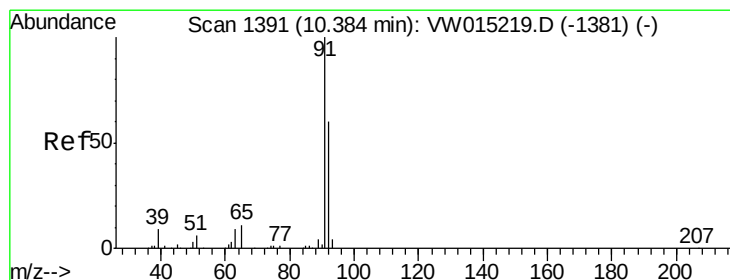
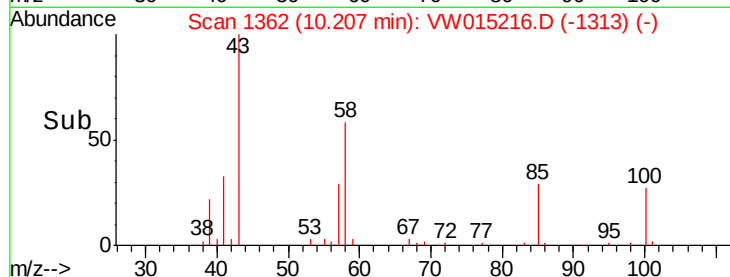
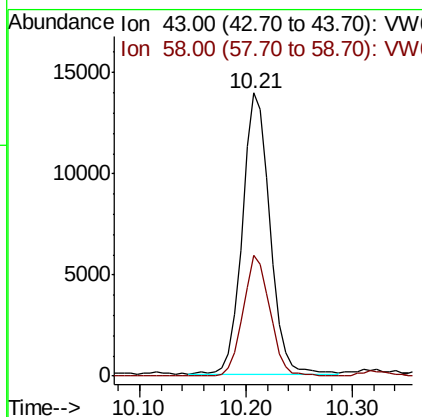
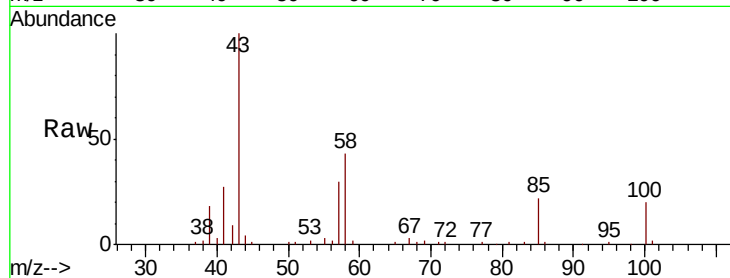




#51
4-Methyl-2-Pentanone
Concen: 17.890 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

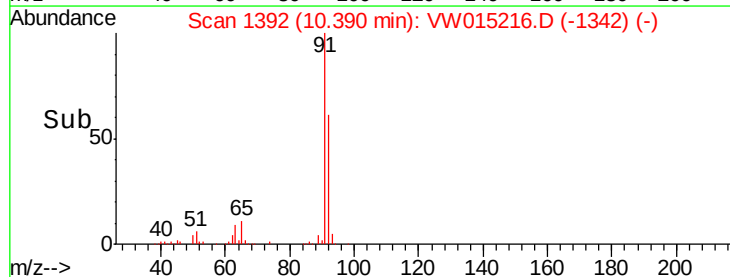
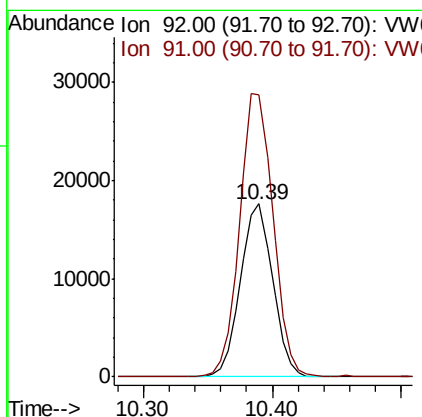
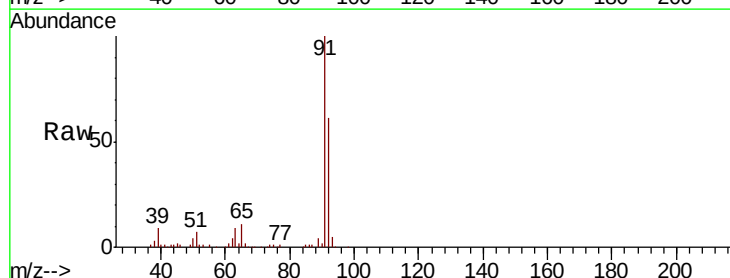
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

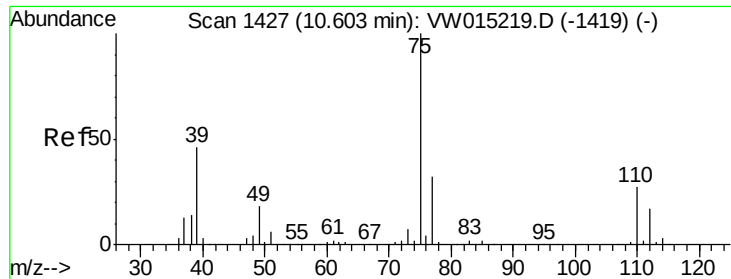
Tot Ion: 43 Resp: 25193
Ion Ratio Lower Upper
43 100
58 42.2 32.3 48.5



#52
Toluene
Concen: 5.141 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 92 Resp: 30586
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 5.078 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

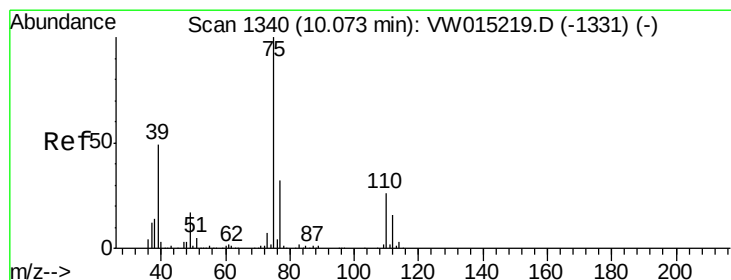
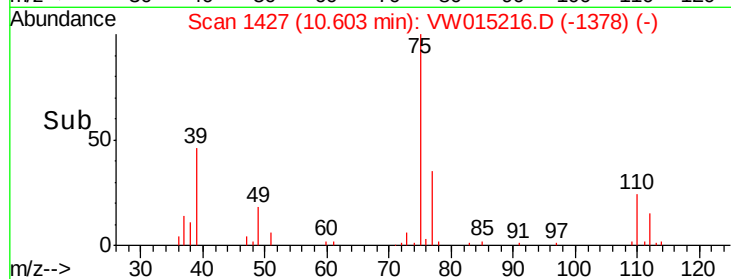
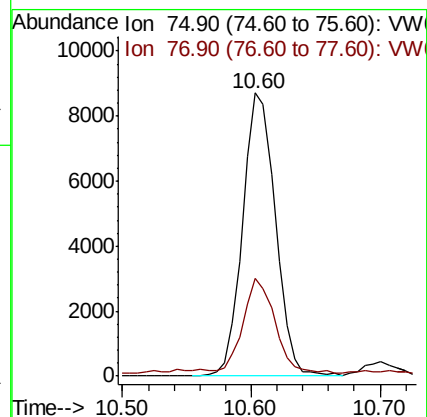
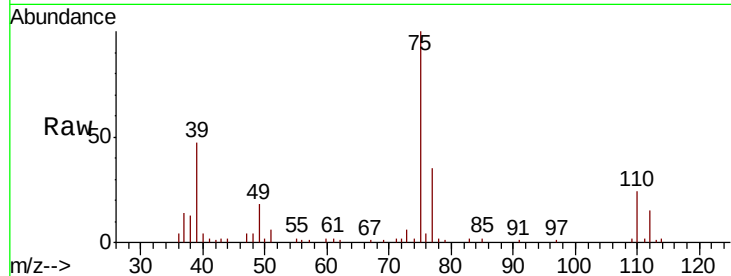
VSTDIC005

Tot Ion: 75 Resp: 15311

Ion Ratio Lower Upper

75 100

77 33.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 4.851 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

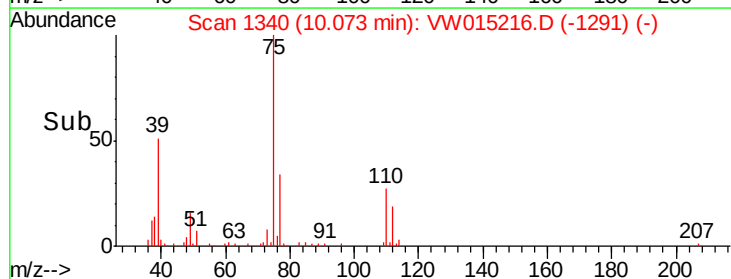
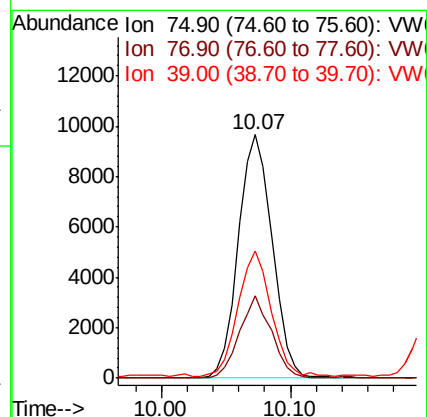
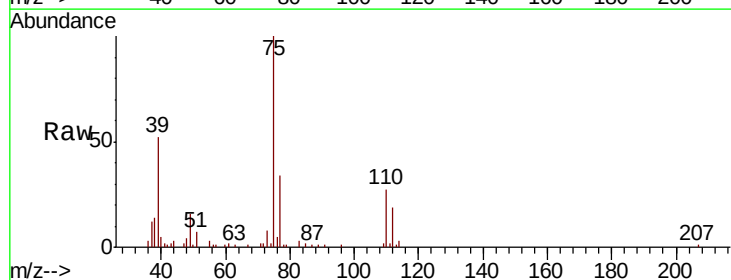
Tgt Ion: 75 Resp: 17643

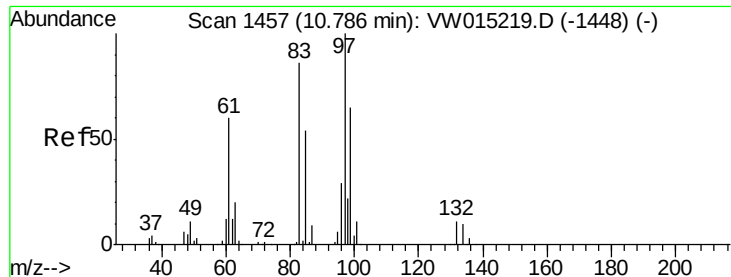
Ion Ratio Lower Upper

75 100

77 34.0 26.6 39.8

39 51.3 37.8 56.6

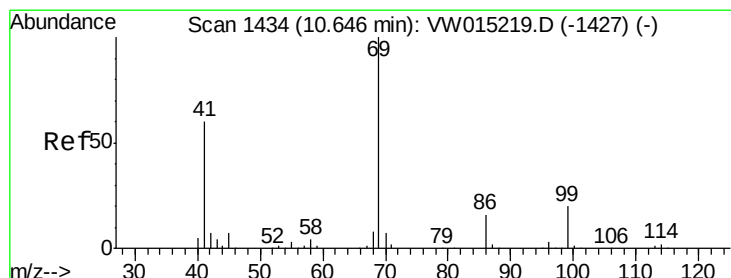
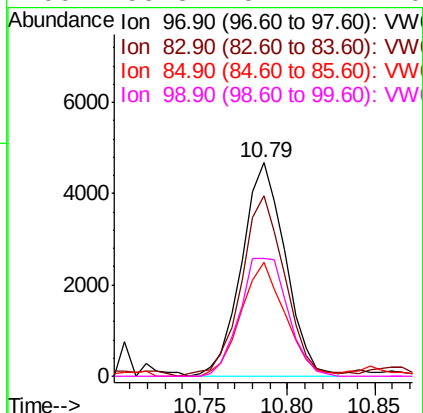
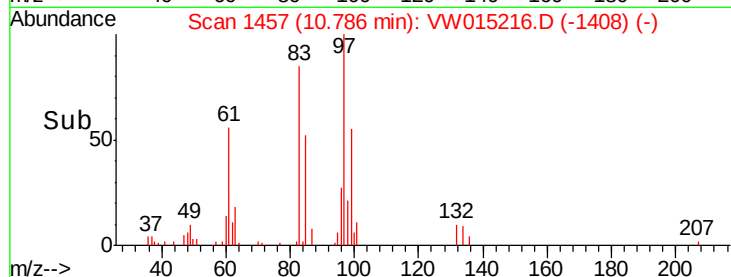
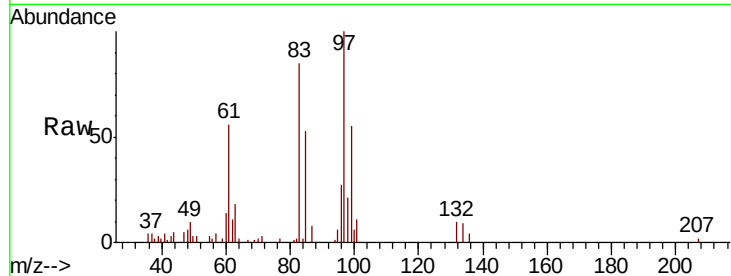




#55
 1,1,2-Trichloroethane
 Concen: 5.029 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

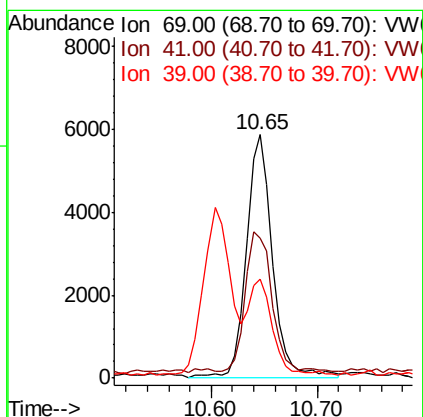
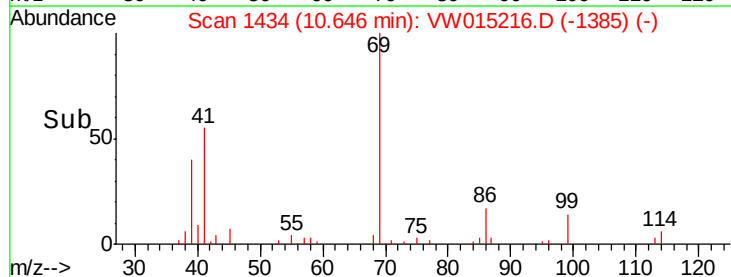
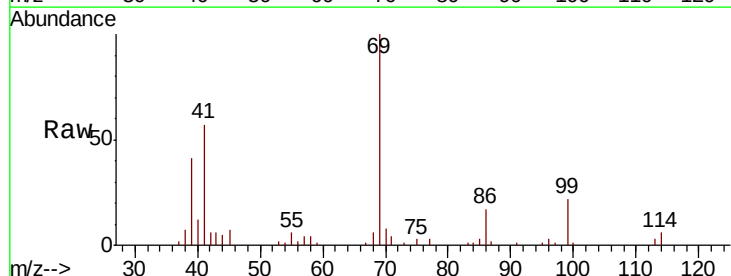
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

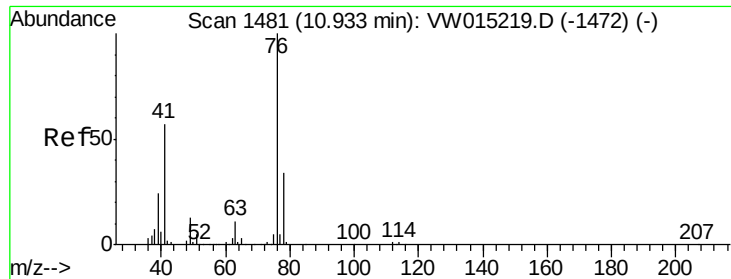
Tot Ion:	97	Resp:	8144
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.3	100.9
85	53.4	43.8	65.8
99	55.3	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 4.564 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

Tgt Ion:	69	Resp:	10186
Ion	Ratio	Lower	Upper
69	100		
41	60.4	51.3	76.9
39	36.2	24.6	37.0

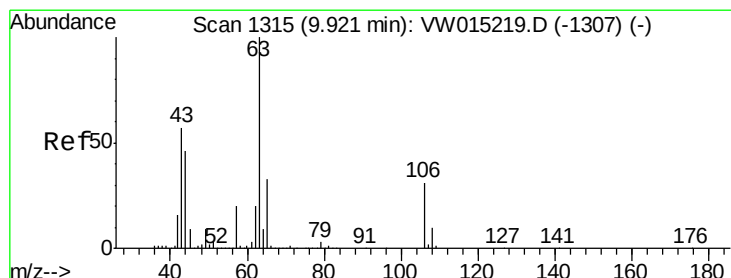
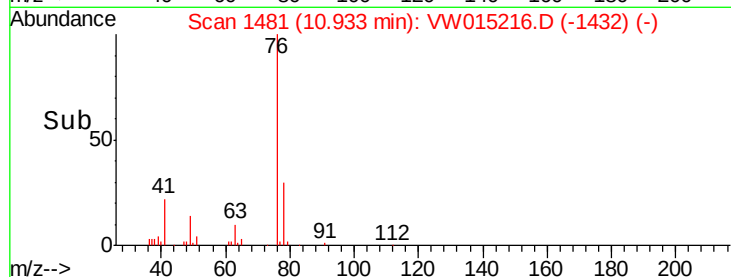
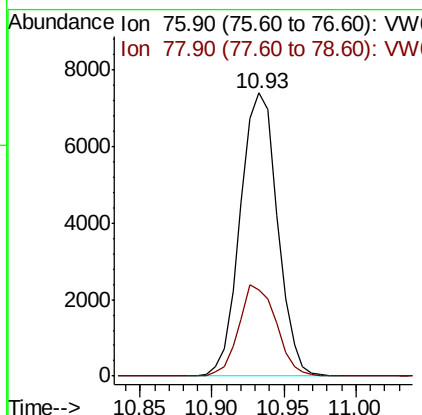
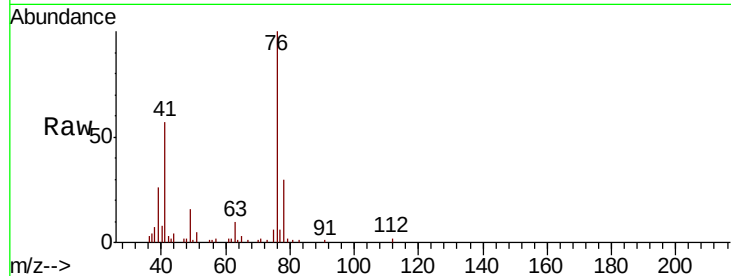




#57
 1,3-Dichloropropane
 Concen: 4.662 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

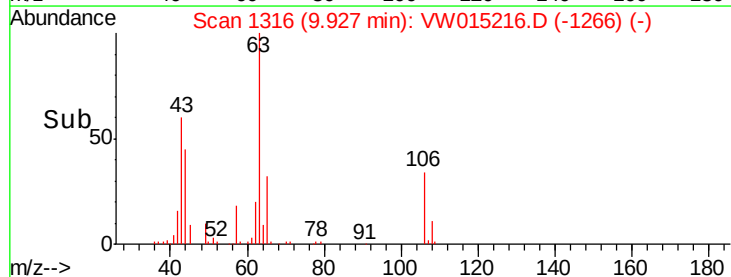
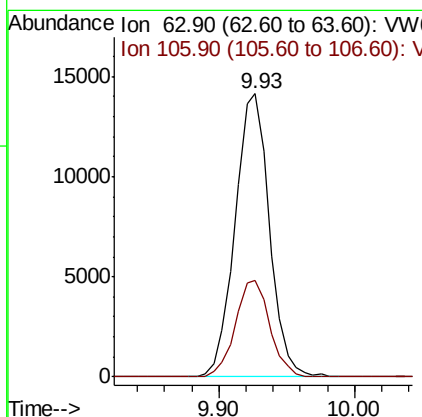
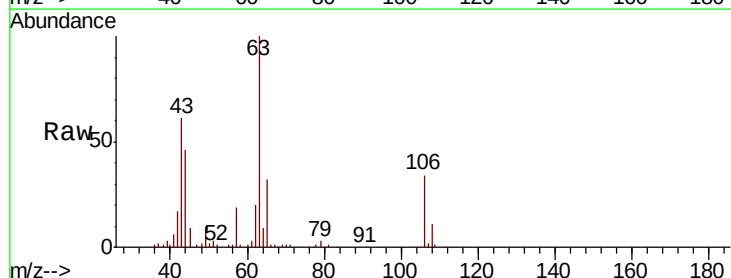
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

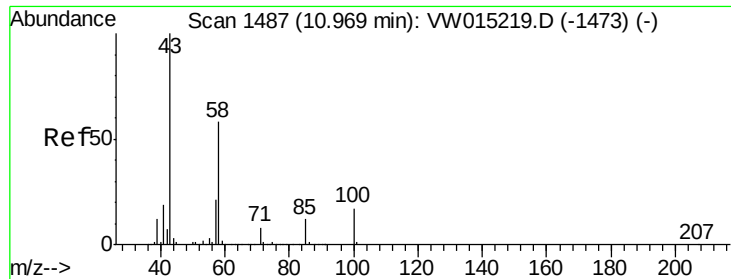
Tot Ion: 76 Resp: 13269
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.551 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

Tgt Ion: 63 Resp: 24908
 Ion Ratio Lower Upper
 63 100
 106 34.0 22.6 33.8#

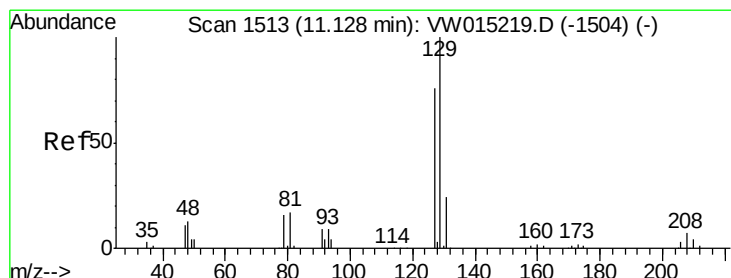
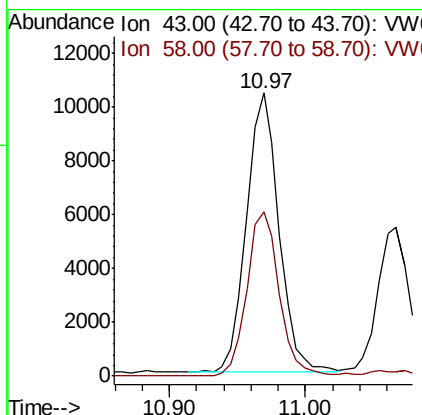
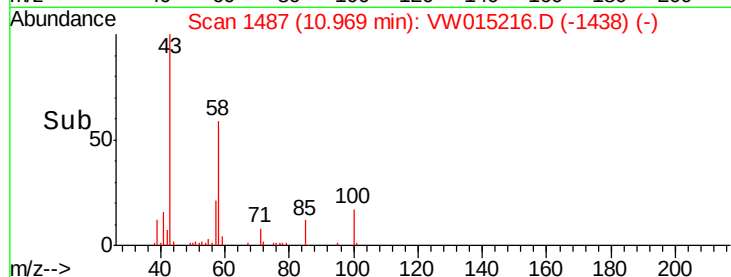
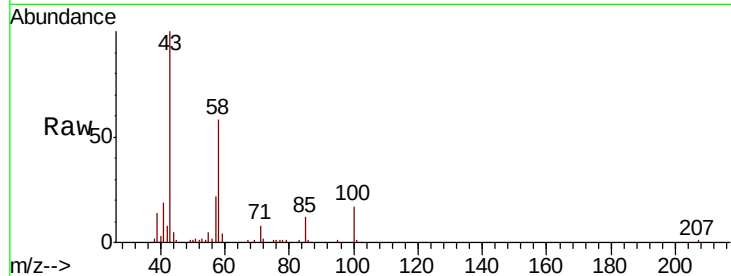




#59
2-Hexanone
Concen: 19.704 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

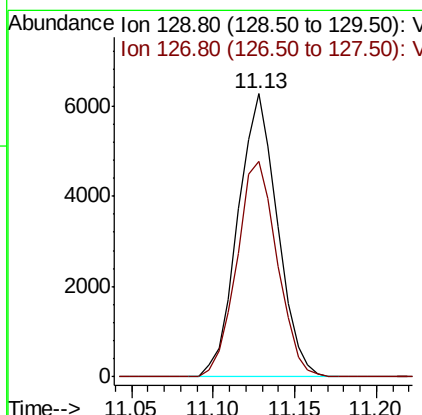
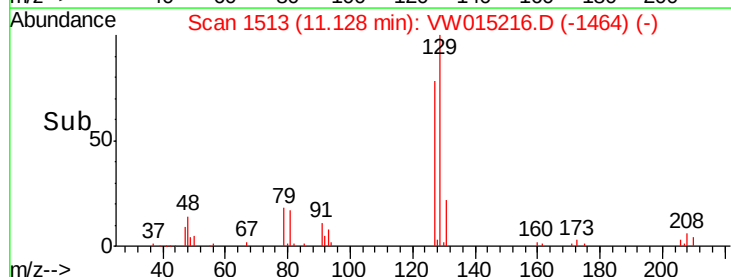
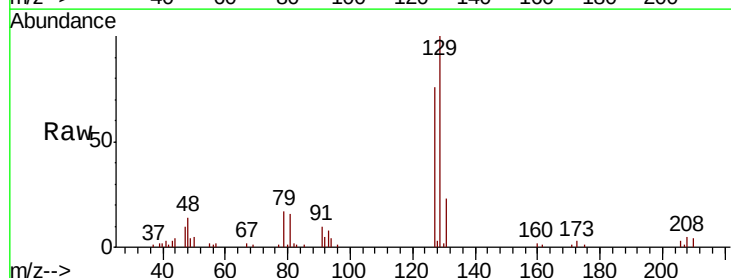
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

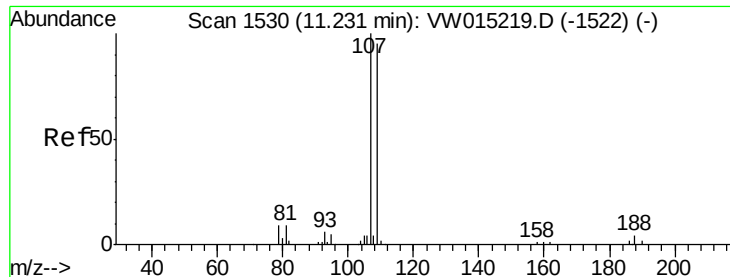
Tot Ion: 43 Resp: 17414
Ion Ratio Lower Upper
43 100
58 58.2 28.1 84.3



#60
Dibromochloromethane
Concen: 5.471 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 129 Resp: 10571
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8

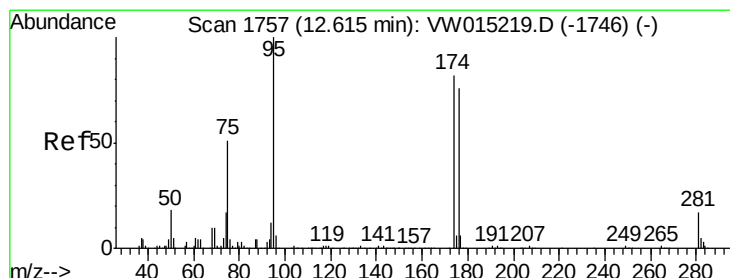
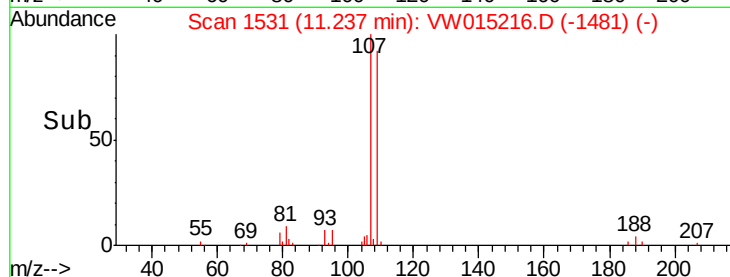
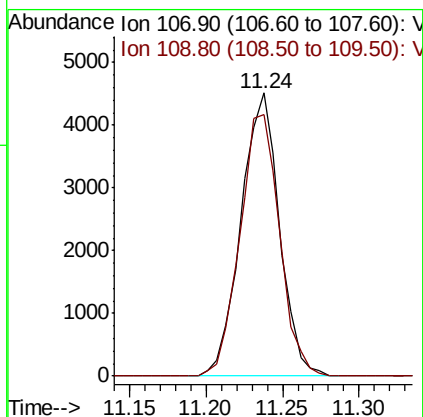
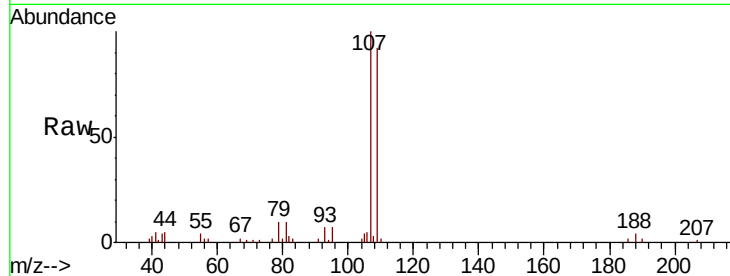




#61
 1,2-Dibromoethane
 Concen: 5.041 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

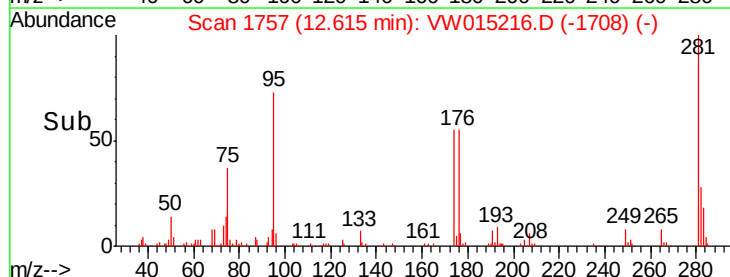
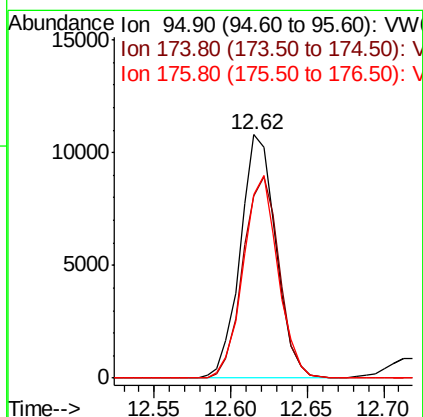
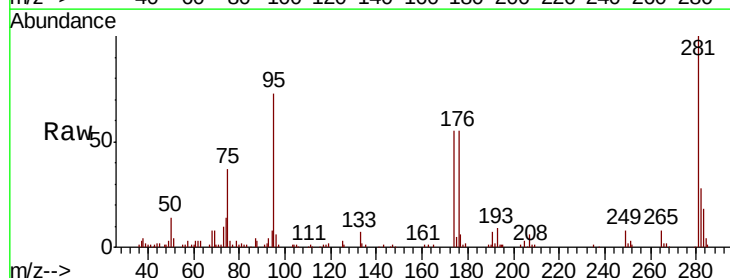
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

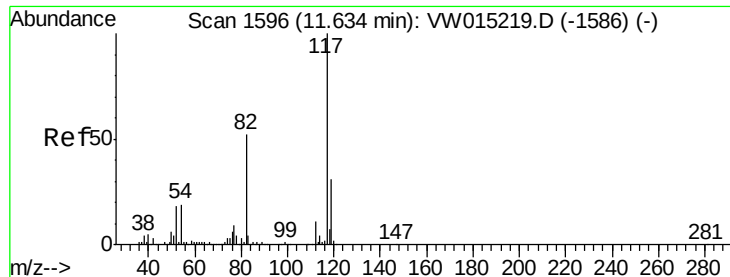
Tot Ion:107 Resp: 7868
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 6.047 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

Tgt Ion: 95 Resp: 17436
 Ion Ratio Lower Upper
 95 100
 174 84.4 0.0 144.4
 176 81.2 0.0 140.6

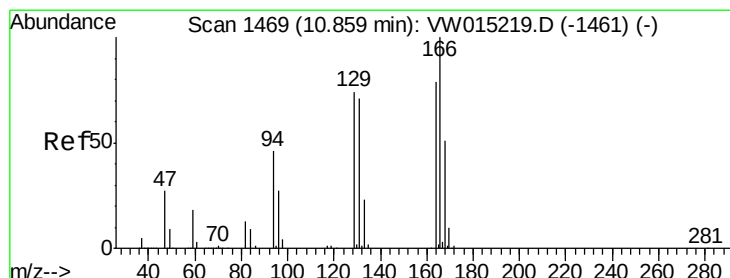
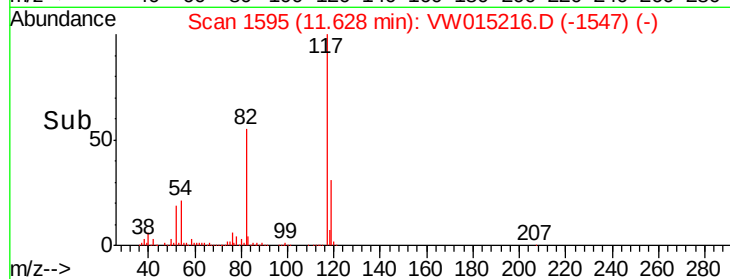
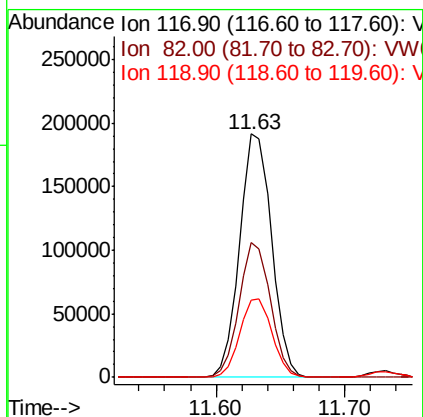
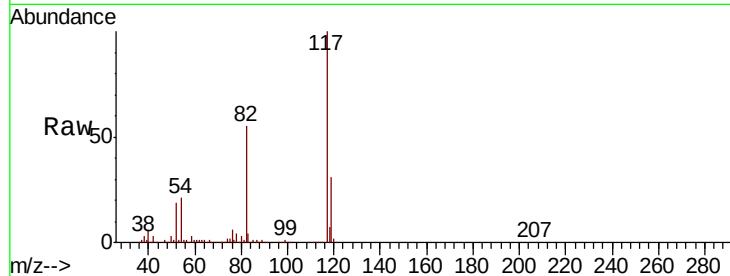




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

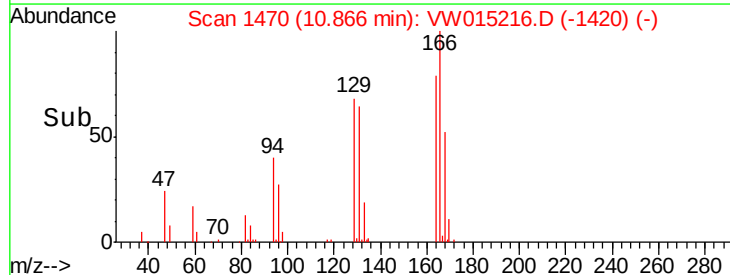
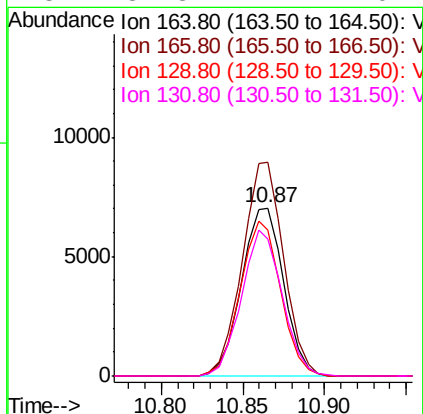
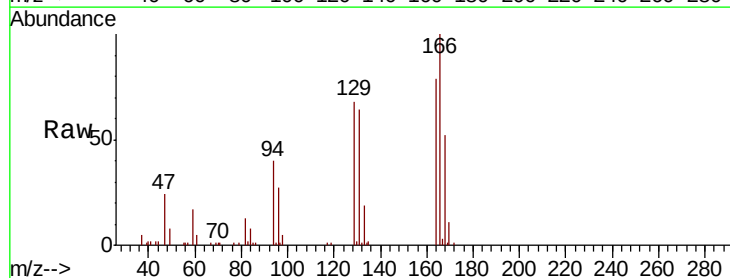
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

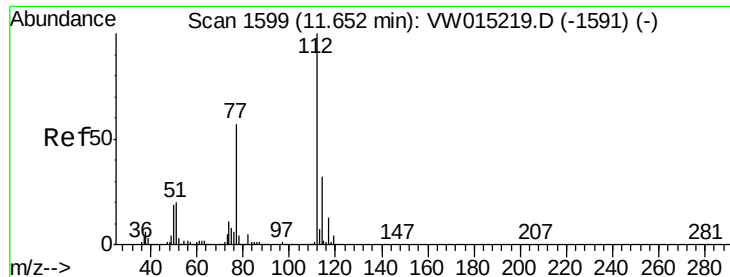
Tot Ion:117 Resp: 329265
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 31.5 24.9 37.3



#64
Tetrachloroethene
Concen: 6.502 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion:164 Resp: 12575
Ion Ratio Lower Upper
164 100
166 127.0 102.6 154.0
129 87.0 80.2 120.2
131 81.3 77.4 116.2





#65

Chlorobenzene

Concen: 5.332 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

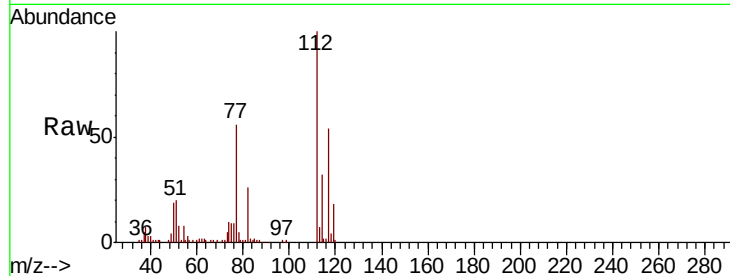
VSTDIC005

Tot Ion:112 Resp: 33034

Ion Ratio Lower Upper

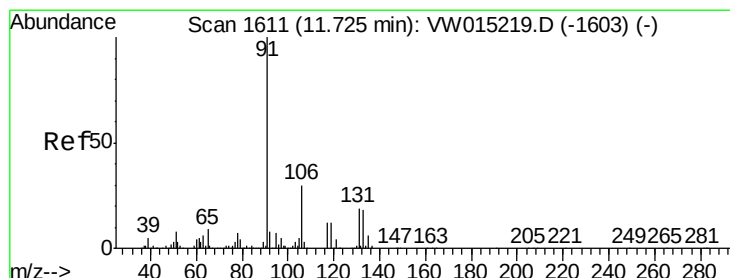
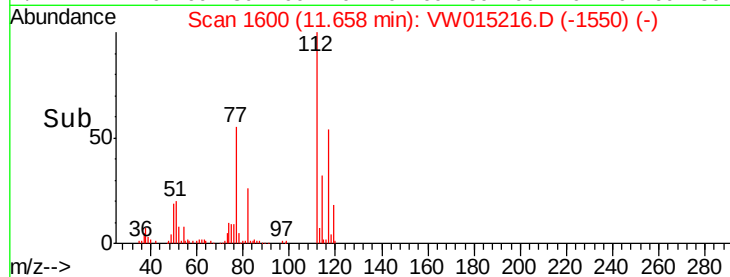
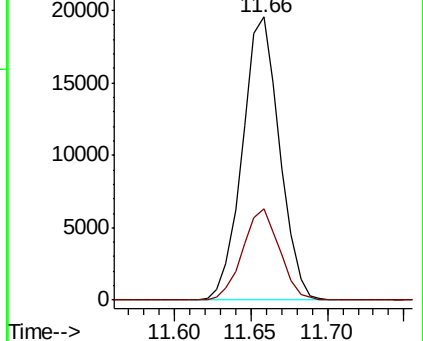
112 100

114 32.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.421 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

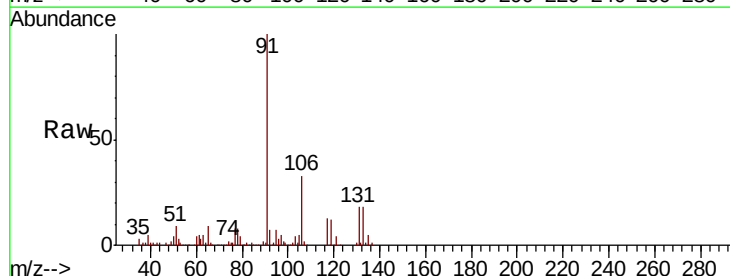
Tgt Ion:131 Resp: 11608

Ion Ratio Lower Upper

131 100

133 97.2 47.7 143.1

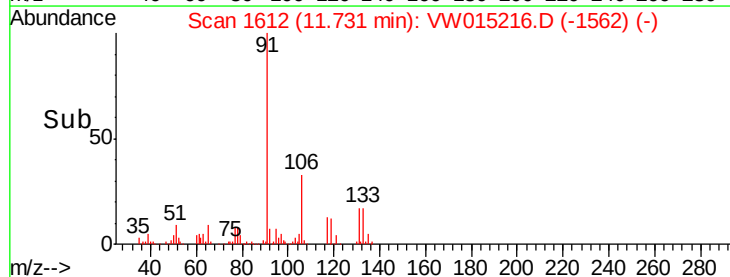
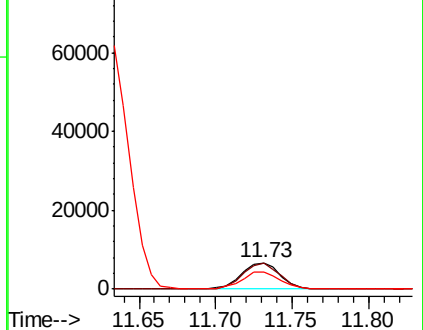
119 65.3 34.0 101.8

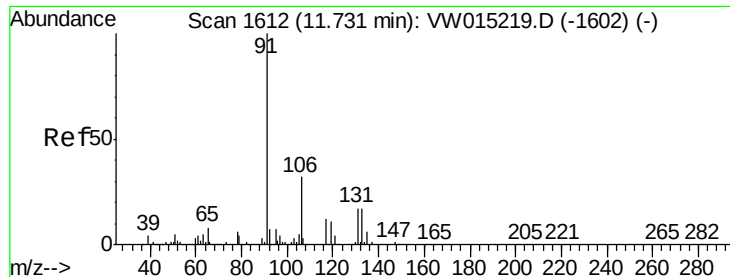


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

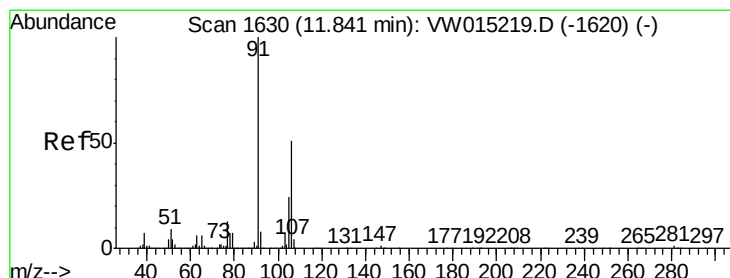
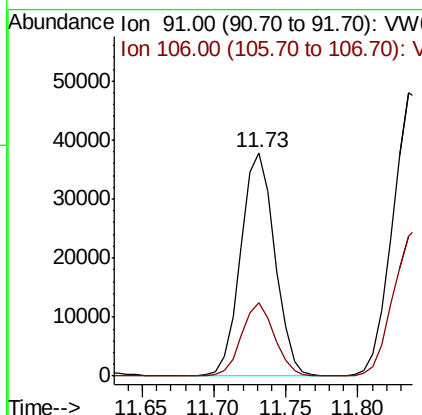
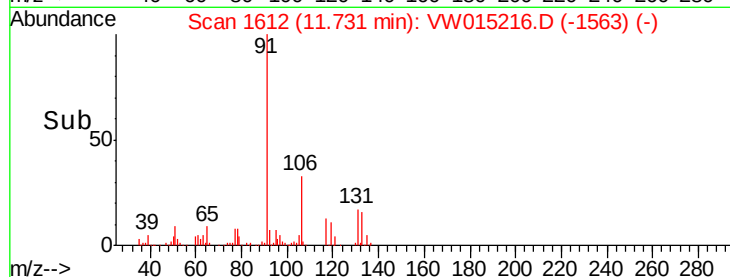
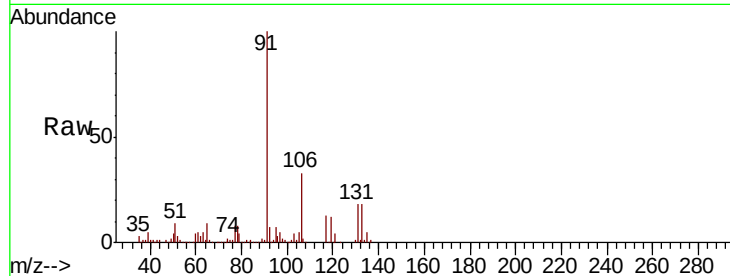




#67
Ethyl Benzene
Concen: 5.306 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

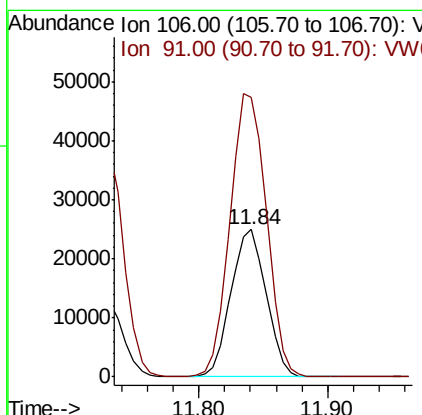
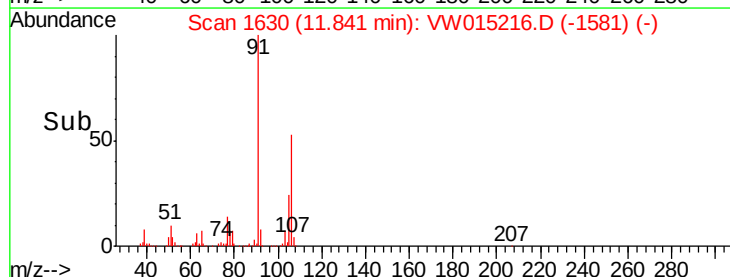
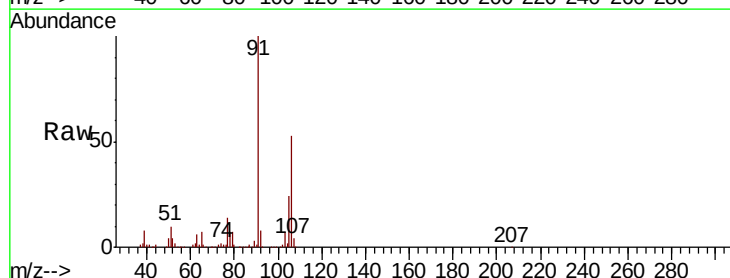
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

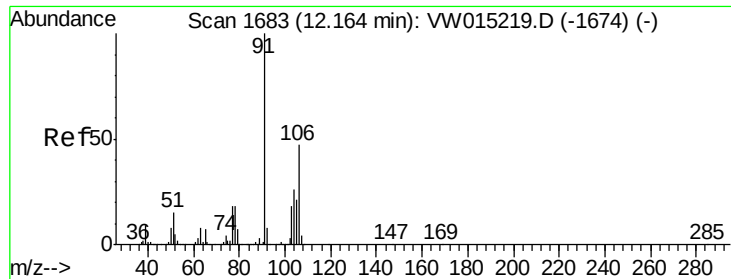
Tot Ion: 91 Resp: 62058
Ion Ratio Lower Upper
91 100
106 32.6 25.7 38.5



#68
m/p-Xylenes
Concen: 10.697 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 106 Resp: 47482
Ion Ratio Lower Upper
106 100
91 198.1 160.0 240.0

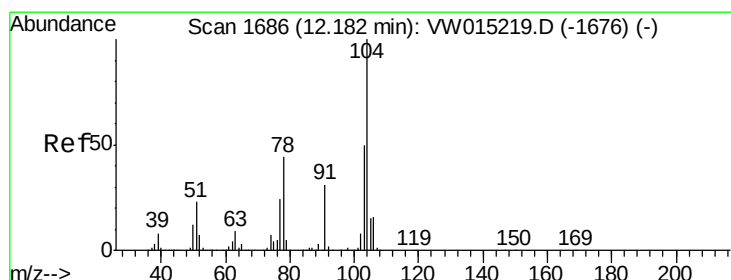
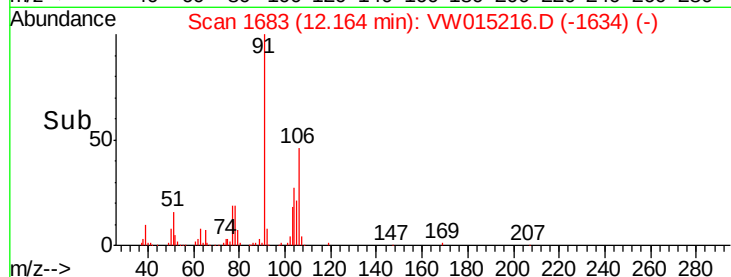
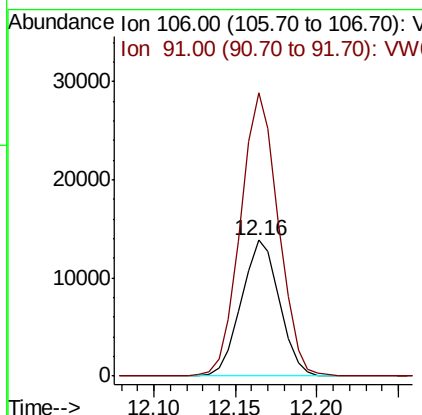
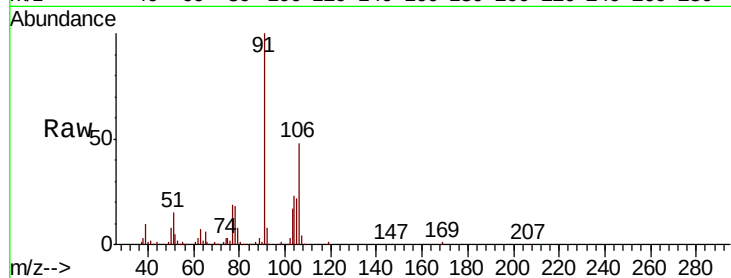




#69
o-Xylene
Concen: 5.406 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

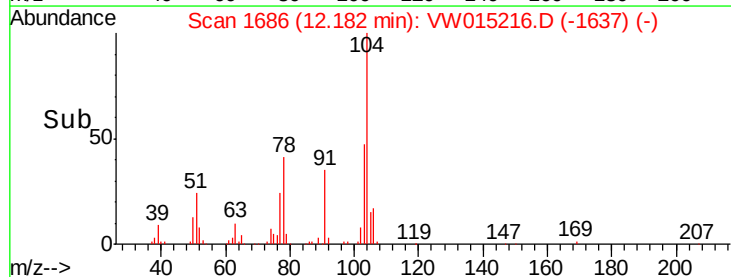
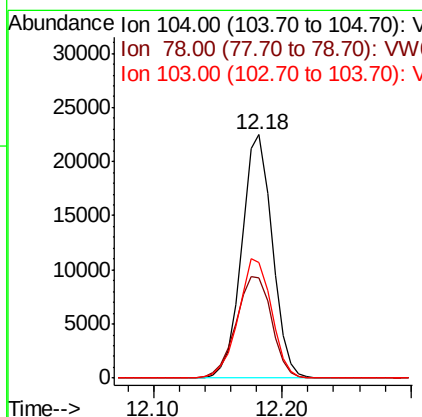
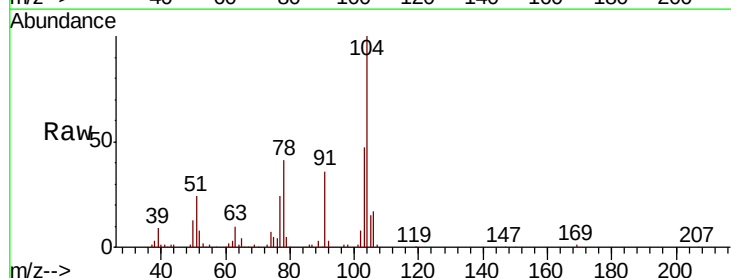
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

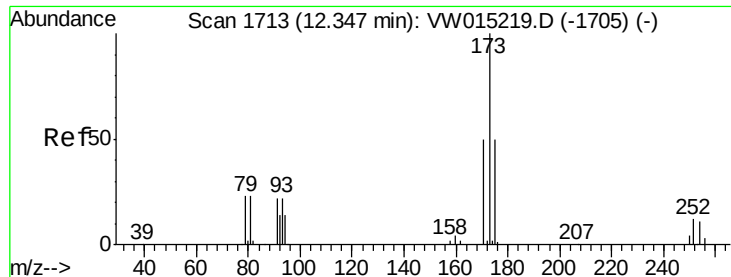
Tot Ion:106 Resp: 22490
Ion Ratio Lower Upper
106 100
91 208.0 105.7 317.1



#70
Styrene
Concen: 5.242 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion:104 Resp: 36843
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 53.2 43.8 65.6





#71

Bromoform

Concen: 5.961 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

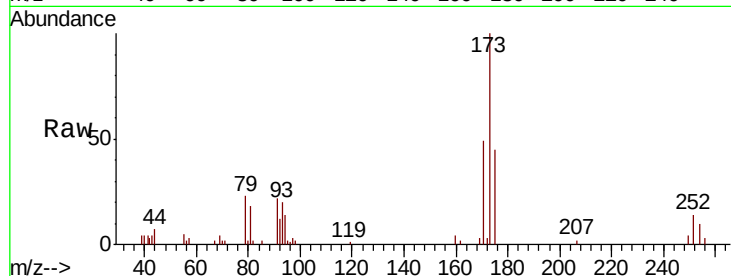
Tot Ion:173 Resp: 6339

Ion Ratio Lower Upper

173 100

175 46.5 25.1 75.4

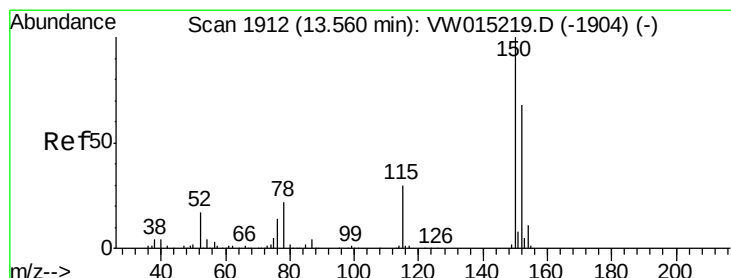
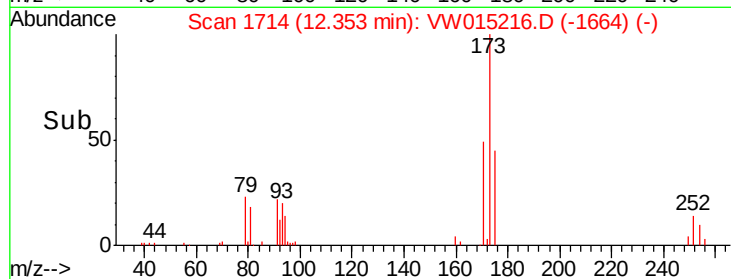
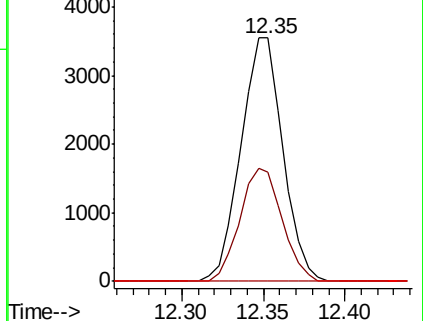
254 0.0 0.1 0.1#



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: VW015216.D

Acq: 20 Apr 2020 12:01

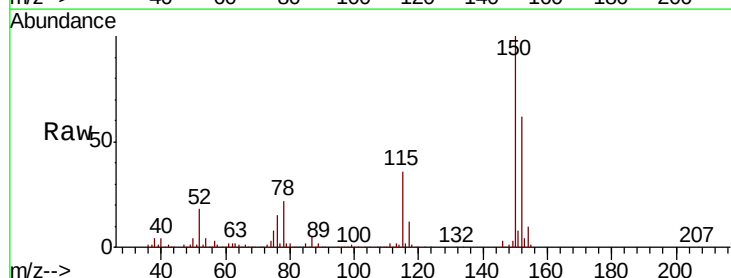
Tgt Ion:152 Resp: 170020

Ion Ratio Lower Upper

152 100

115 56.2 31.3 93.9

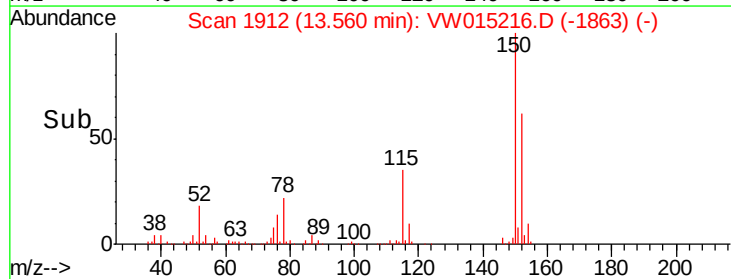
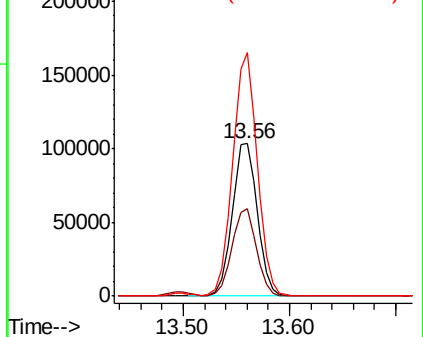
150 156.5 0.0 343.4

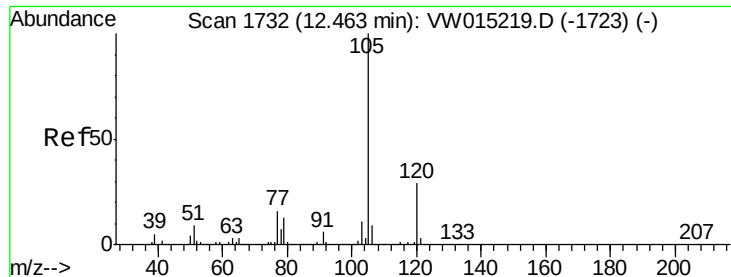


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.919 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

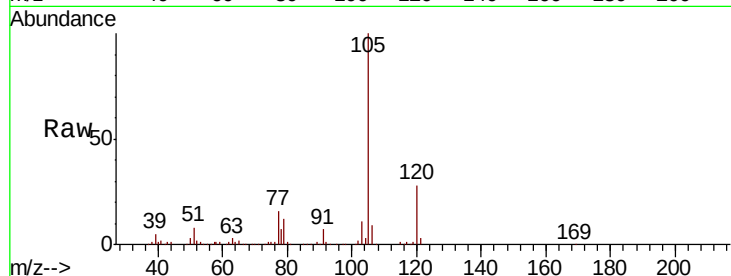
VSTDIC005

Tot Ion:105 Resp: 62365

Ion Ratio Lower Upper

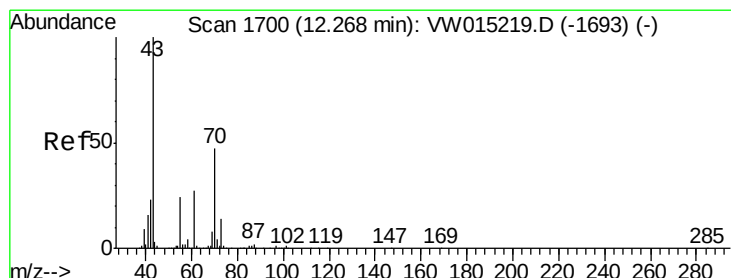
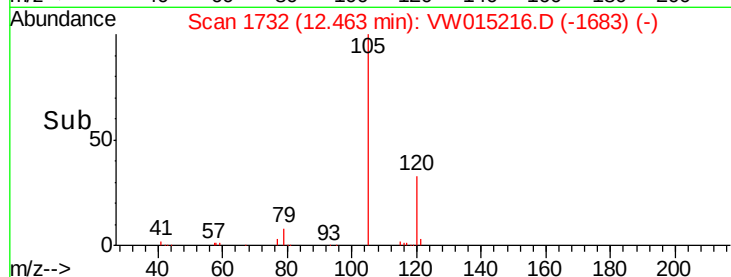
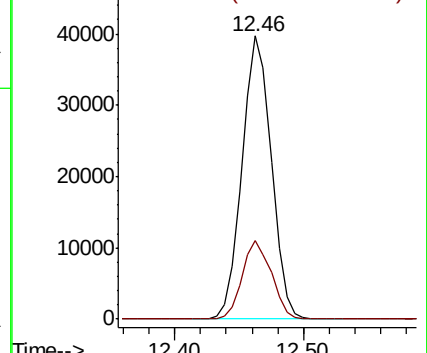
105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 3.386 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Tgt Ion: 43 Resp: 9981

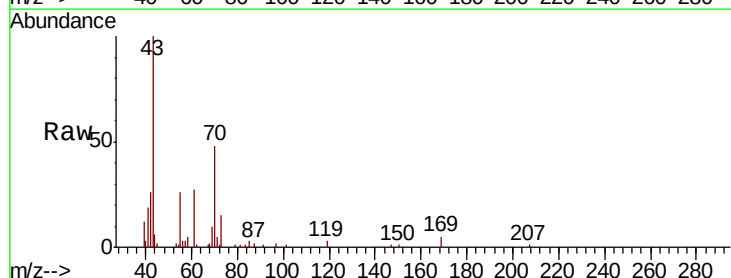
Ion Ratio Lower Upper

43 100

70 48.2 35.4 53.2

55 24.6 18.5 27.7

61 25.3 20.3 30.5

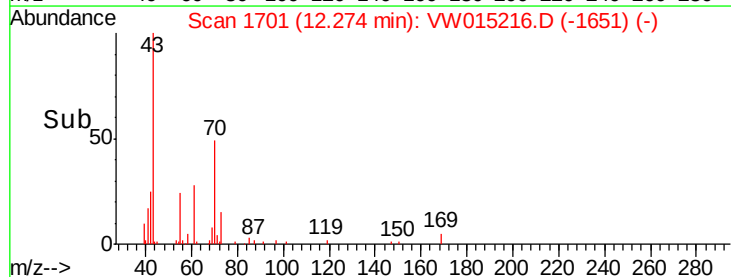
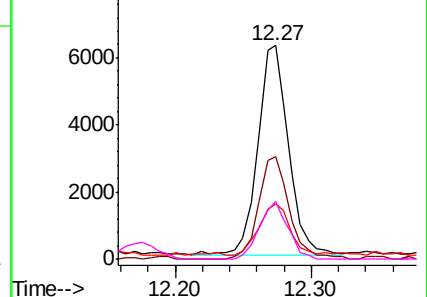


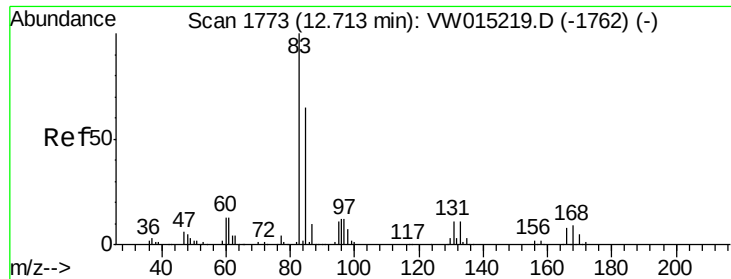
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 4.144 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

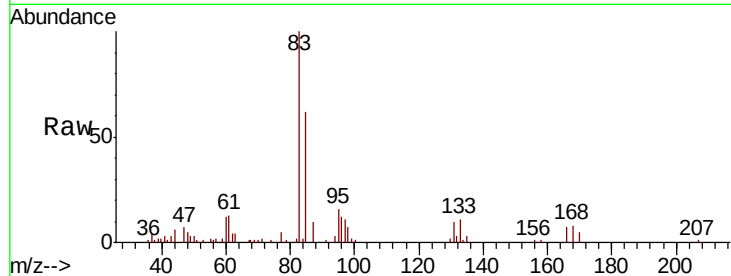
Tot Ion: 83 Resp: 8803

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

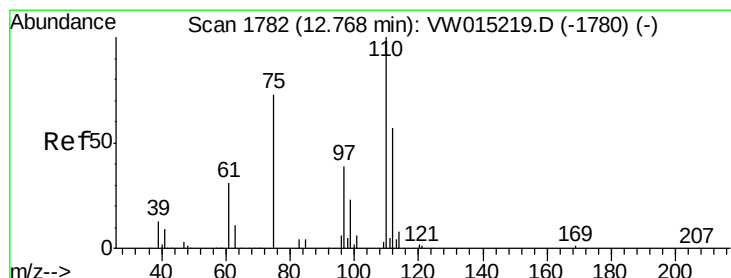
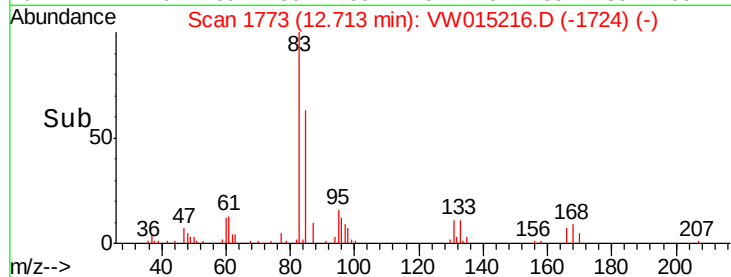
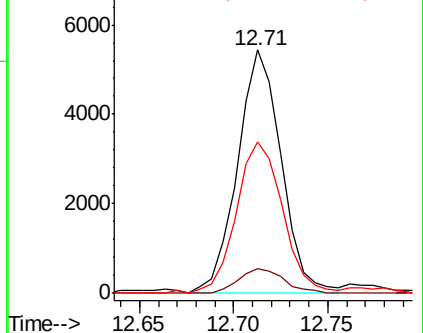
85 65.7 32.3 96.8



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: 7.857 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015216.D

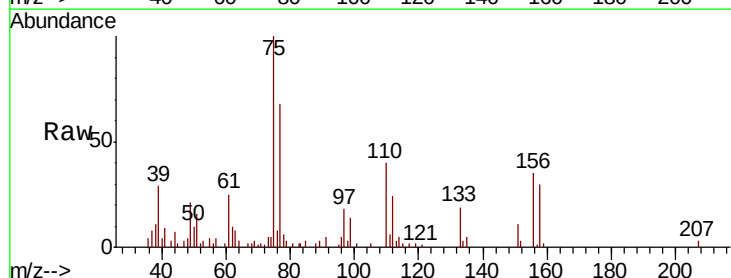
Acq: 20 Apr 2020 12:01

Tgt Ion: 75 Resp: 11436

Ion Ratio Lower Upper

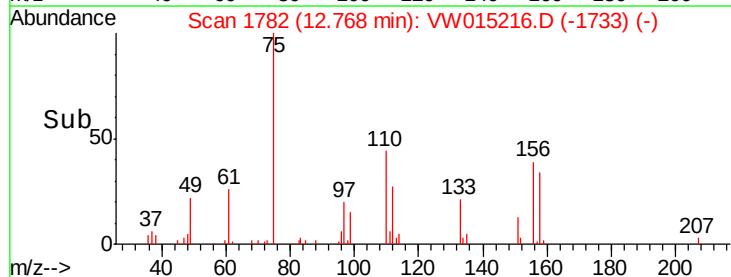
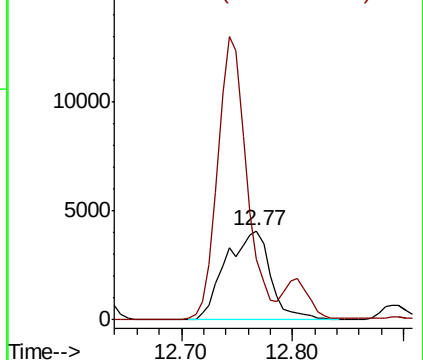
75 100

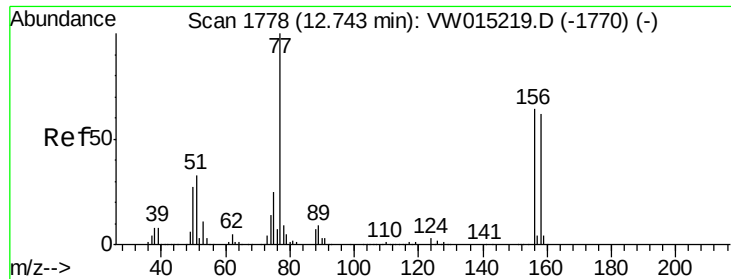
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.387 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

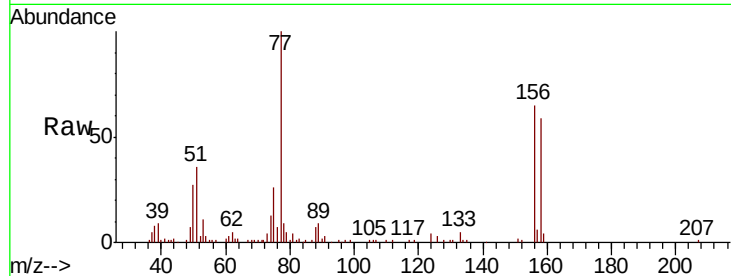
Tot Ion:156 Resp: 14151

Ion Ratio Lower Upper

156 100

77 167.9 100.5 301.5

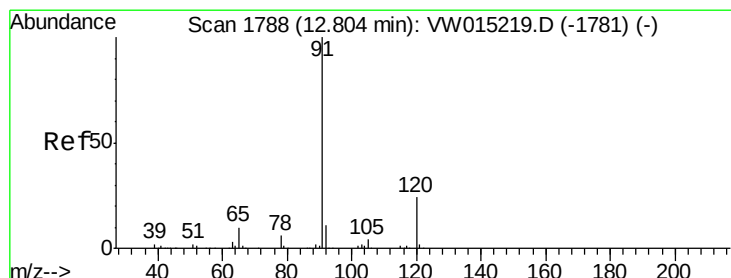
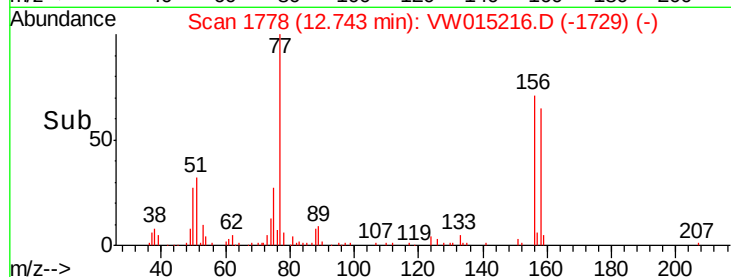
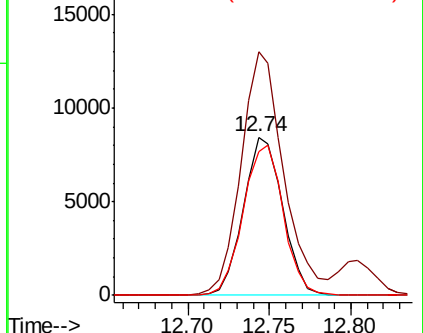
158 96.9 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.700 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015216.D

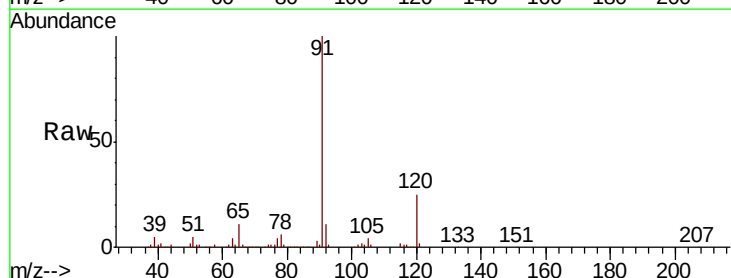
Acq: 20 Apr 2020 12:01

Tgt Ion: 91 Resp: 71862

Ion Ratio Lower Upper

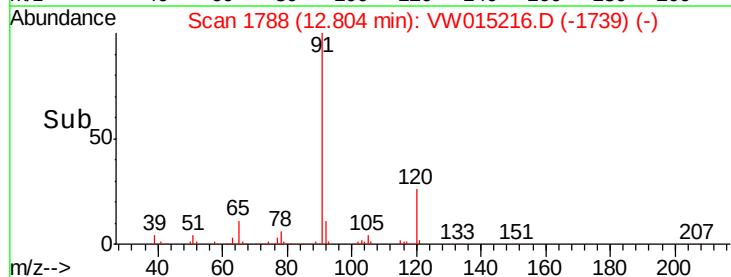
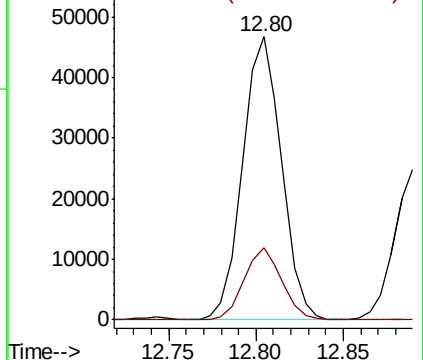
91 100

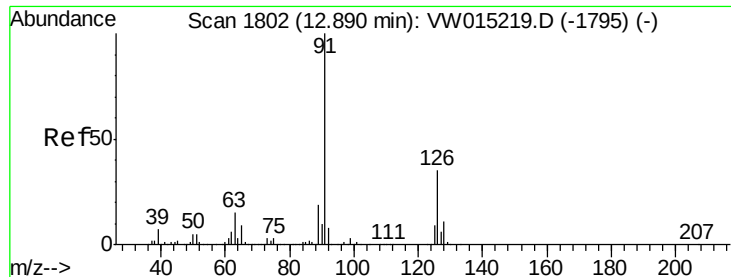
120 24.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.696 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

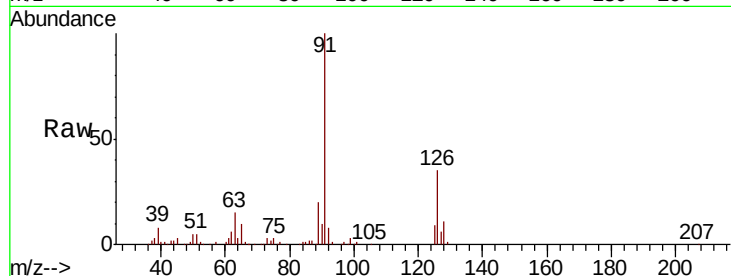
VSTDIC005

Tot Ion: 91 Resp: 39694

Ion Ratio Lower Upper

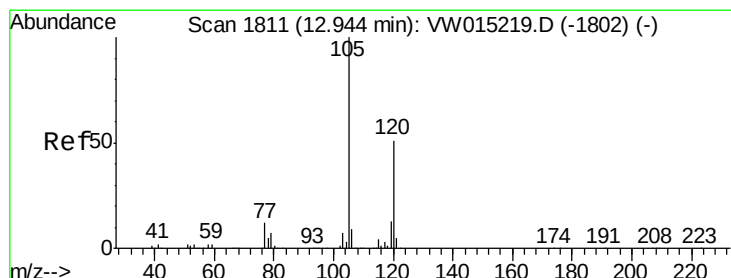
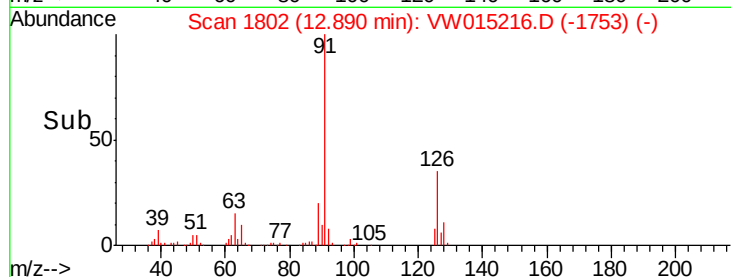
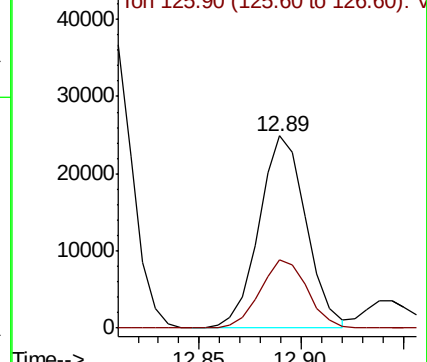
91 100

126 36.0 16.8 50.4



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: 4.961 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015216.D

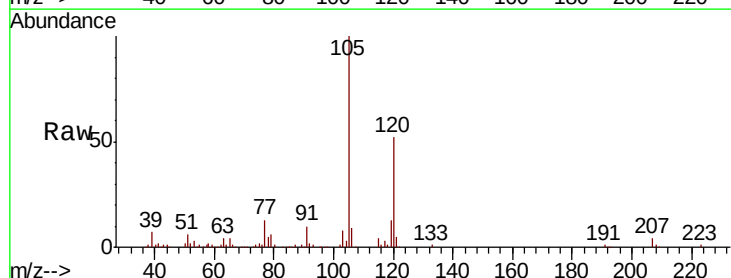
Acq: 20 Apr 2020 12:01

Tgt Ion:105 Resp: 52961

Ion Ratio Lower Upper

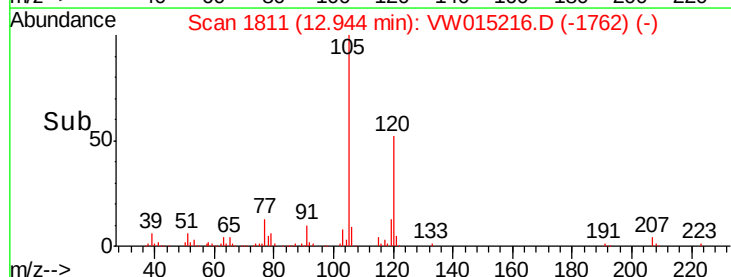
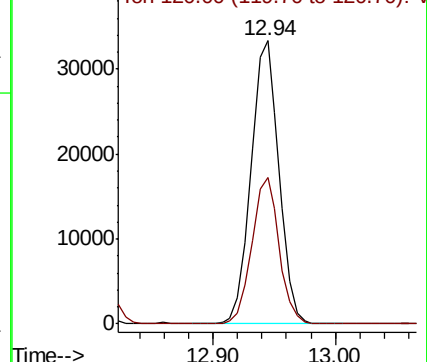
105 100

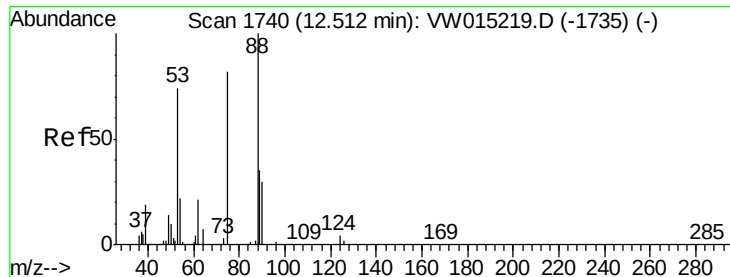
120 50.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

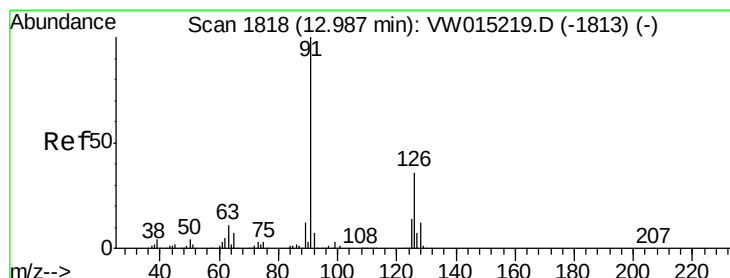
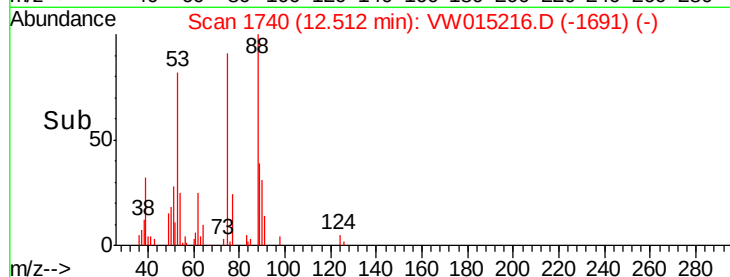
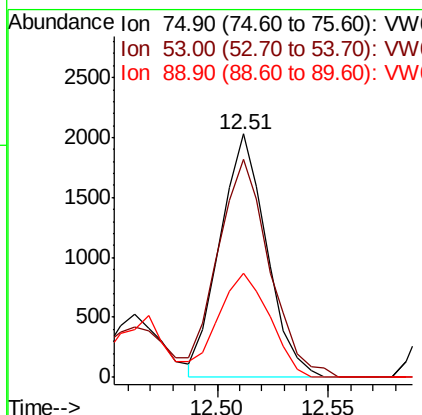
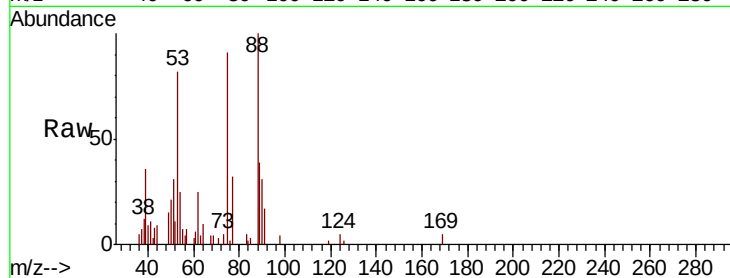




#81
trans-1,4-Dichloro-2-butene
Concen: 3.927 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

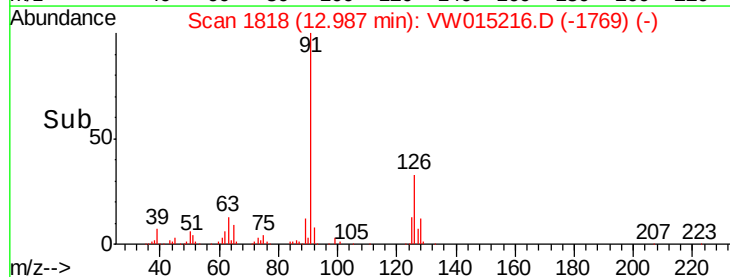
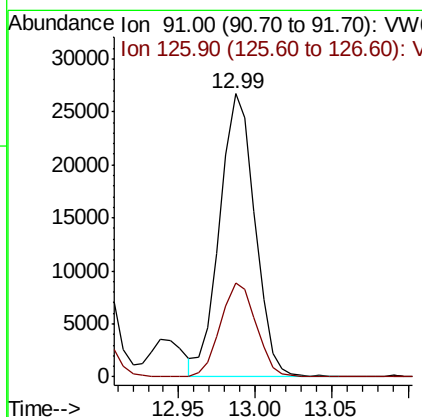
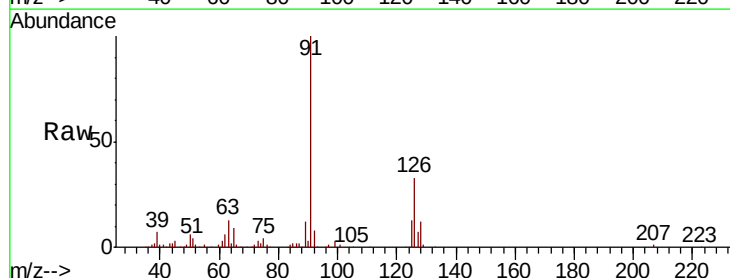
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

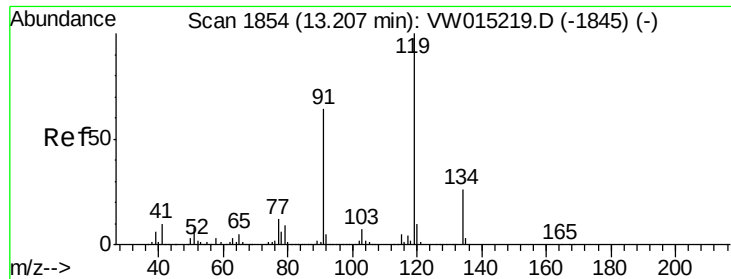
Tot Ion: 75 Resp: 2954
Ion Ratio Lower Upper
75 100
53 98.5 69.4 104.2
89 47.0 34.8 52.2



#82
4-Chlorotoluene
Concen: 4.743 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 91 Resp: 42361
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.3

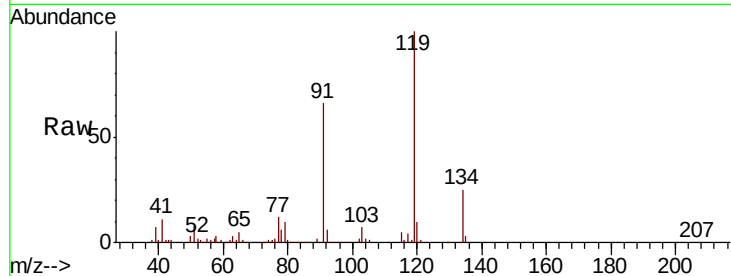




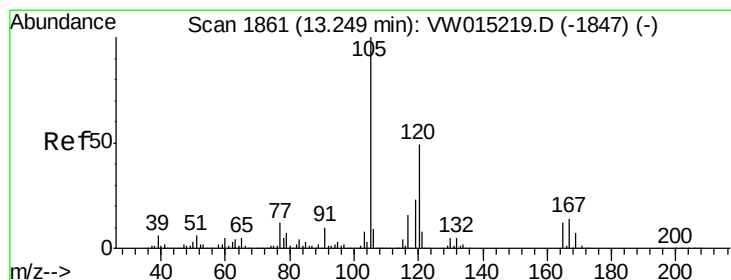
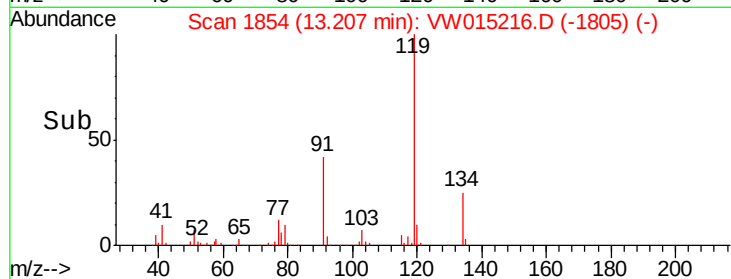
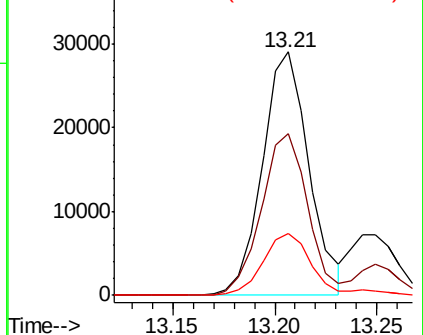
#83
tert-Butylbenzene
Concen: 4.999 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:119 Resp: 46276
Ion Ratio Lower Upper
119 100
91 66.4 32.8 98.3
134 27.2 13.3 39.9

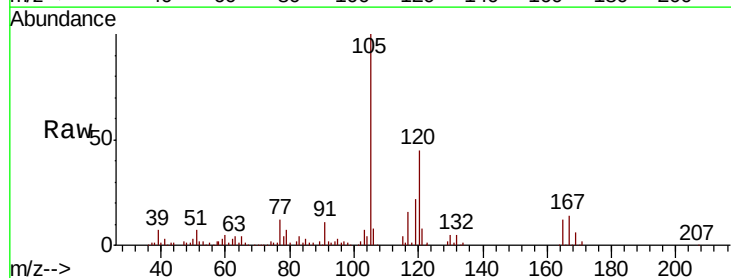


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

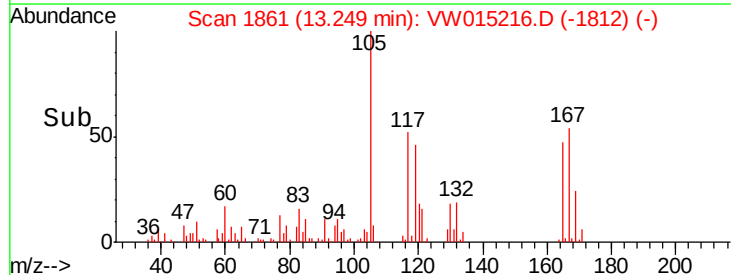
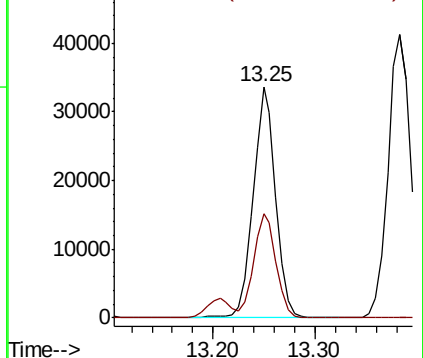


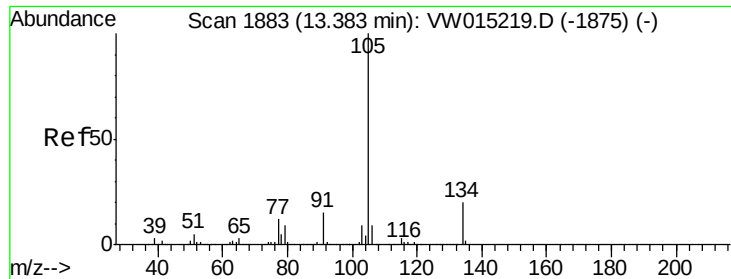
#84
1,2,4-Trimethylbenzene
Concen: 4.865 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion:105 Resp: 51627
Ion Ratio Lower Upper
105 100
120 44.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.862 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

Instrument :

MSVOA_W

ClientSampleId :

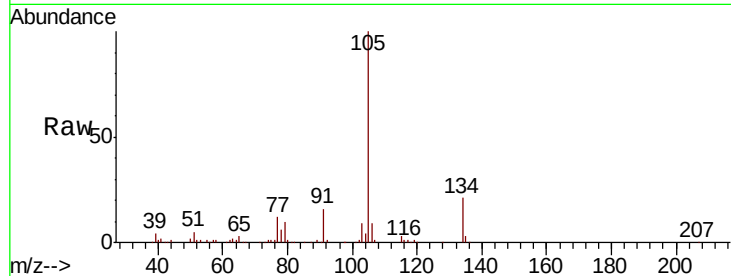
VSTDIC005

Tot Ion:105 Resp: 63967

Ion Ratio Lower Upper

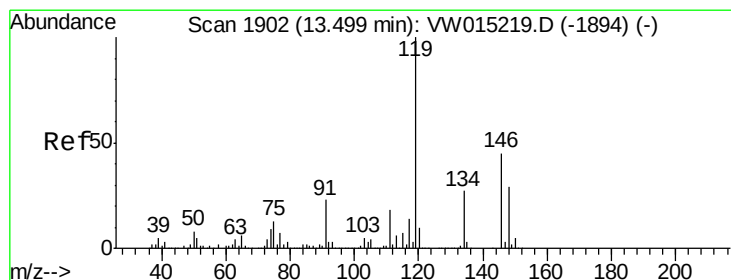
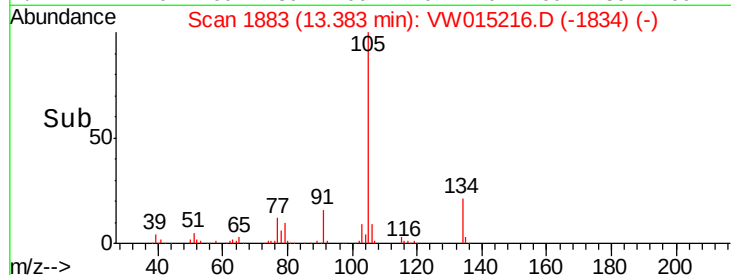
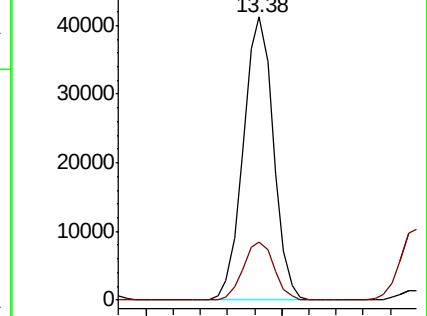
105 100

134 21.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.959 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015216.D

Acq: 20 Apr 2020 12:01

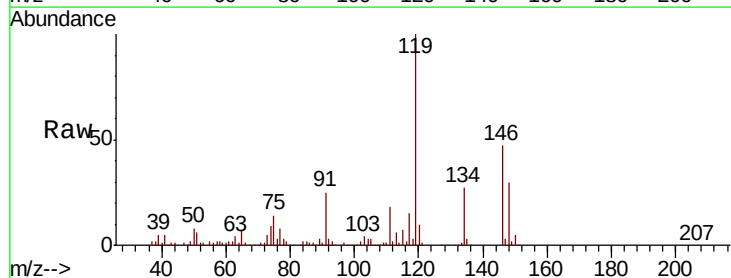
Tgt Ion:119 Resp: 58210

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

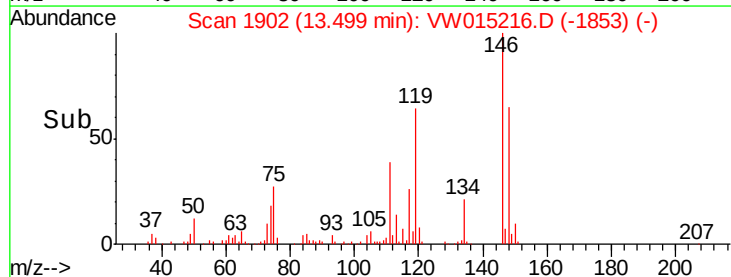
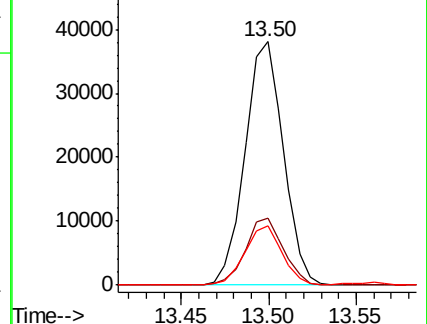
91 24.0 12.0 36.1

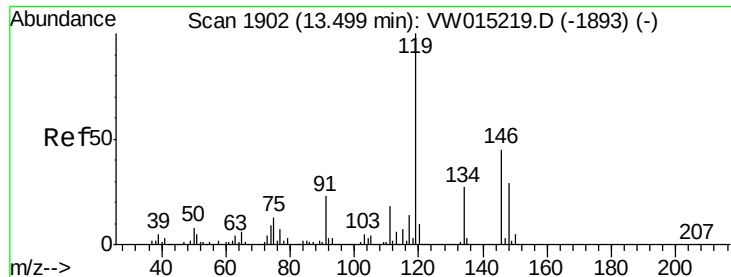


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

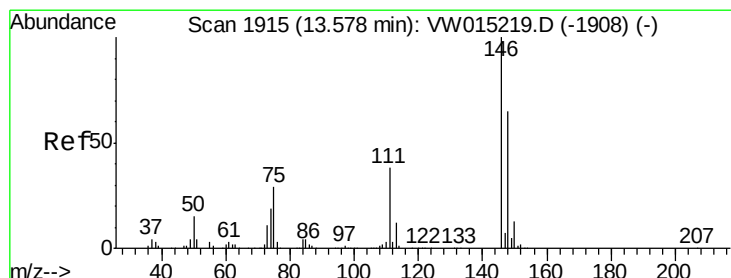
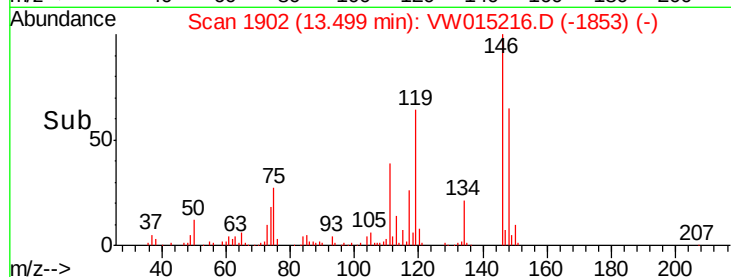
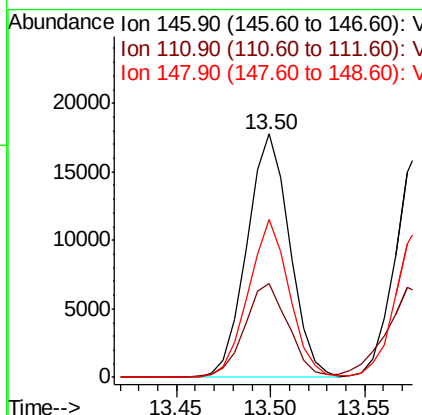
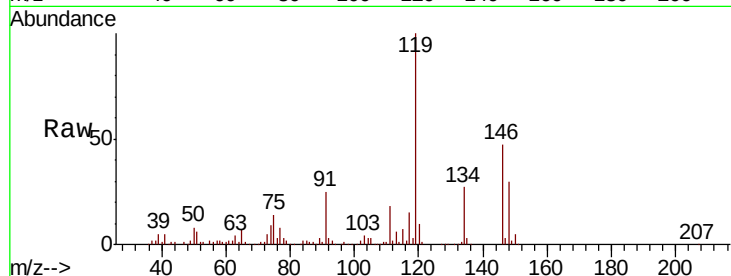




#87
 1,3-Dichlorobenzene
 Concen: 5.335 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

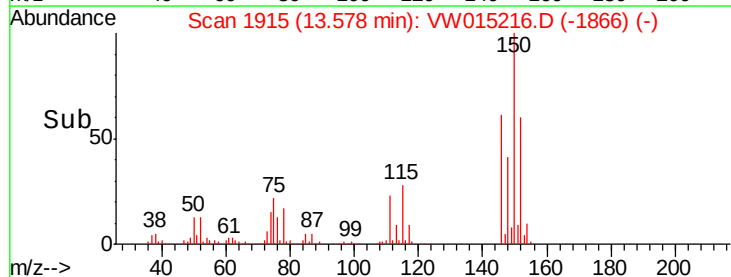
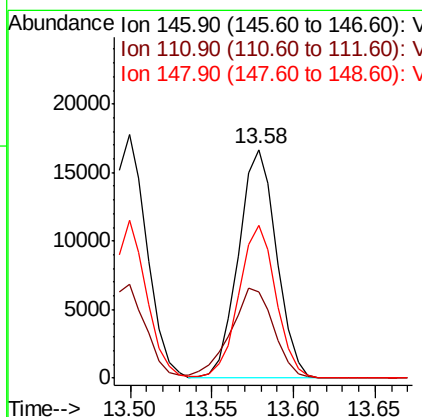
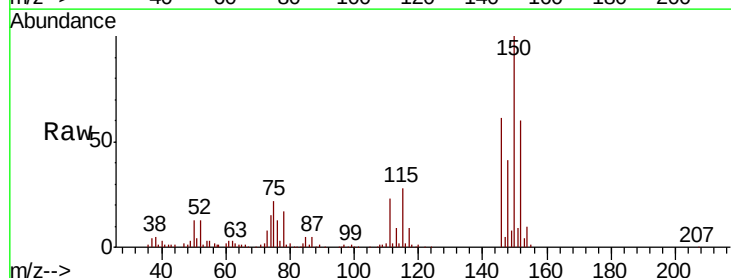
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

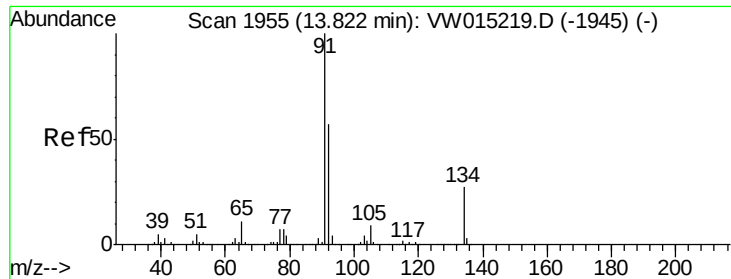
Tot Ion:146 Resp: 27921
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.1 63.4
 148 62.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.218 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

Tgt Ion:146 Resp: 27090
 Ion Ratio Lower Upper
 146 100
 111 45.2 20.4 61.3
 148 65.4 31.5 94.5

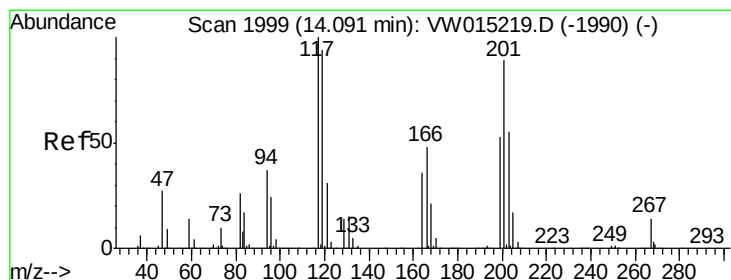
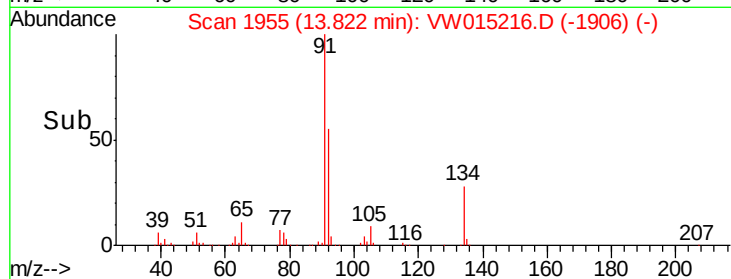
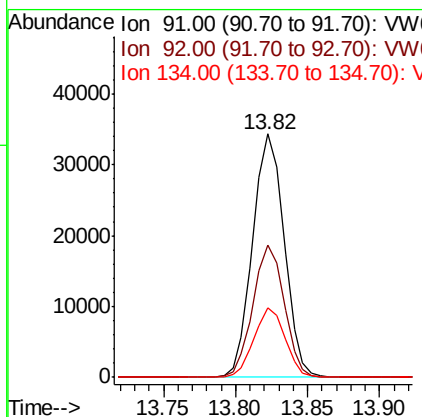
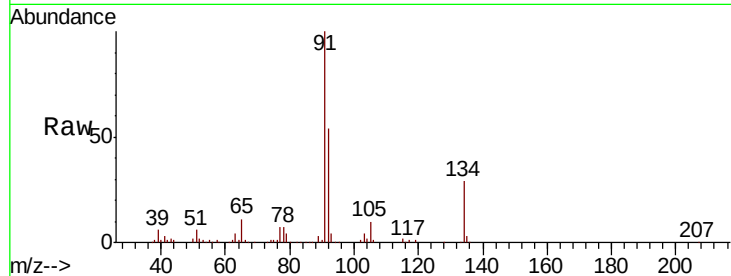




#89
n-Butylbenzene
Concen: 4.487 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

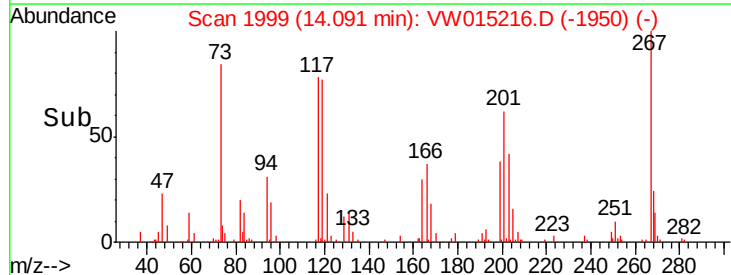
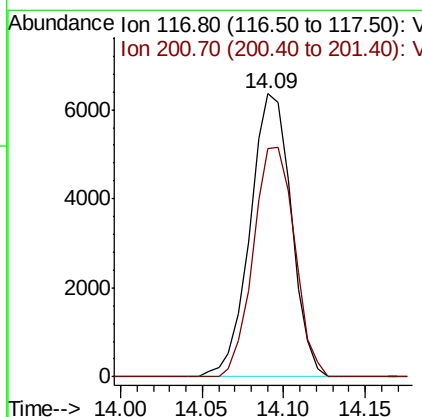
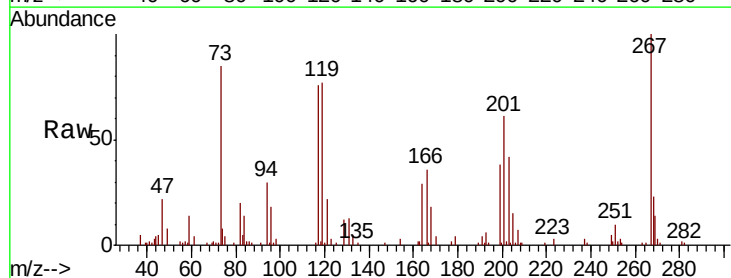
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

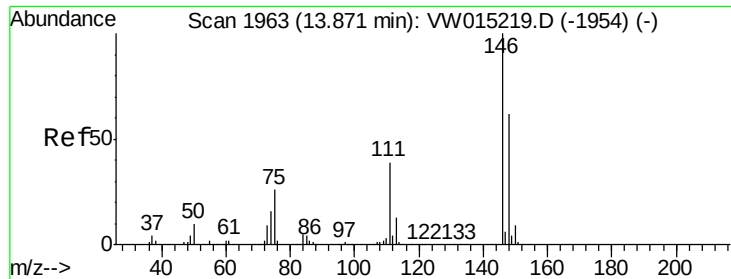
Tot Ion: 91 Resp: 52070
Ion Ratio Lower Upper
91 100
92 53.7 27.6 82.7
134 28.0 12.8 38.3



#90
Hexachloroethane
Concen: 4.953 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion: 117 Resp: 11180
Ion Ratio Lower Upper
117 100
201 81.4 33.6 100.6

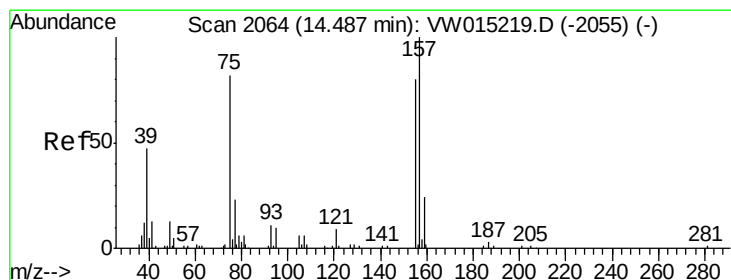
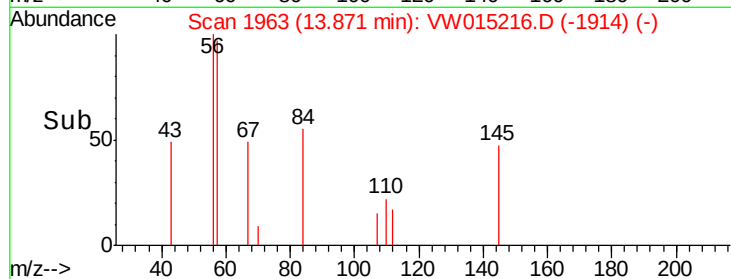
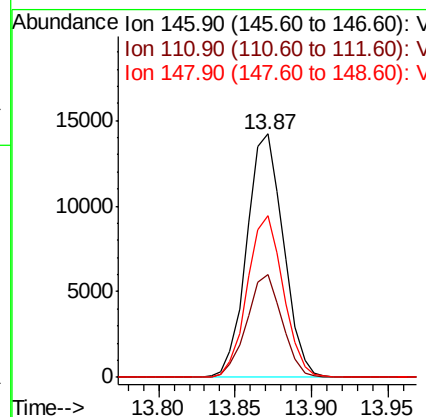
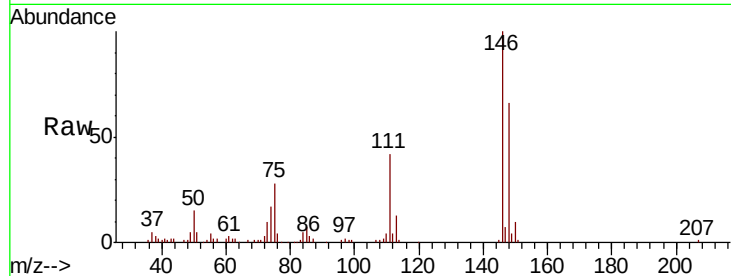




#91
 1,2-Dichlorobenzene
 Concen: 5.095 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

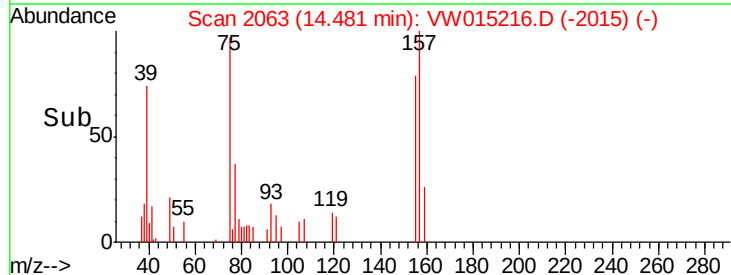
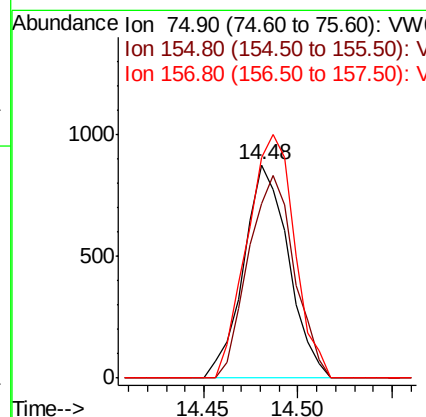
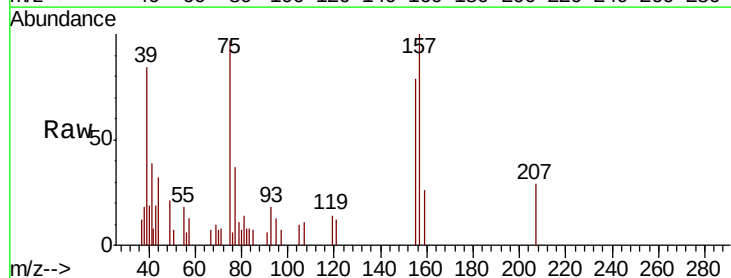
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

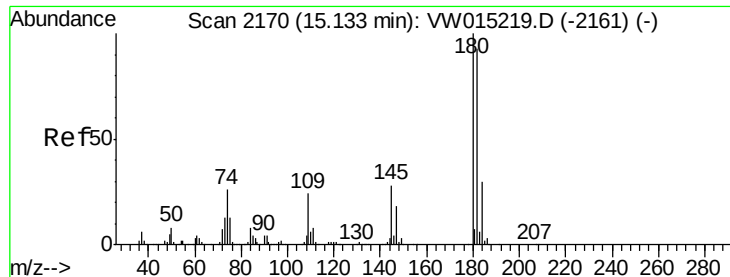
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.6	65.0
148	65.0	31.0	93.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.204 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	41.6	124.9
157	120.2	53.8	161.2

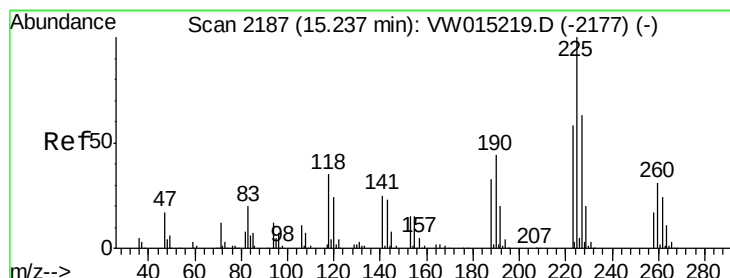
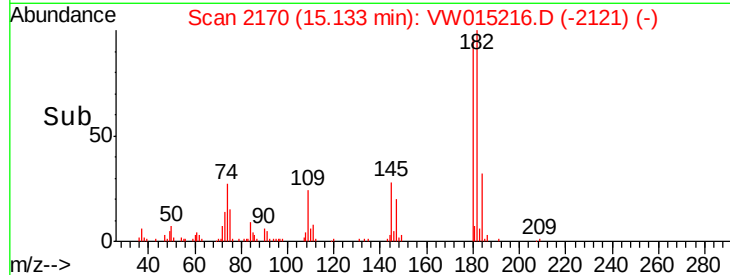
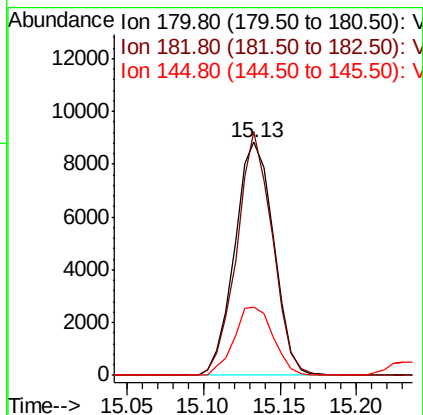
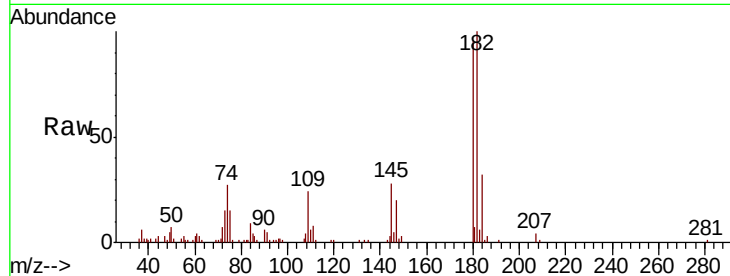




#93
 1,2,4-Trichlorobenzene
 Concen: 5.083 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

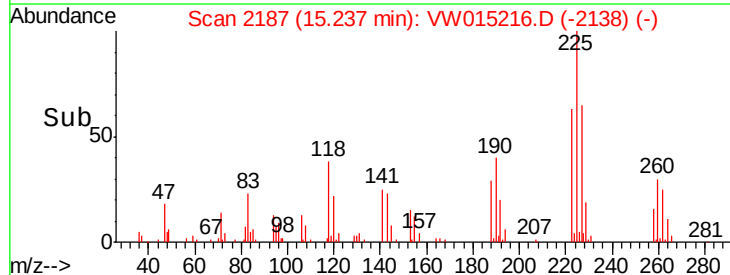
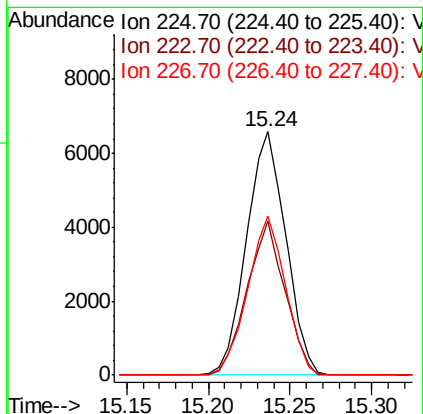
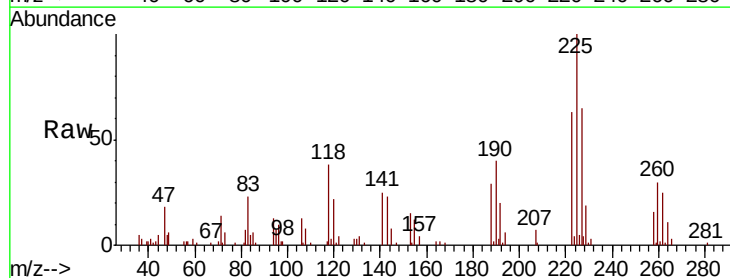
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

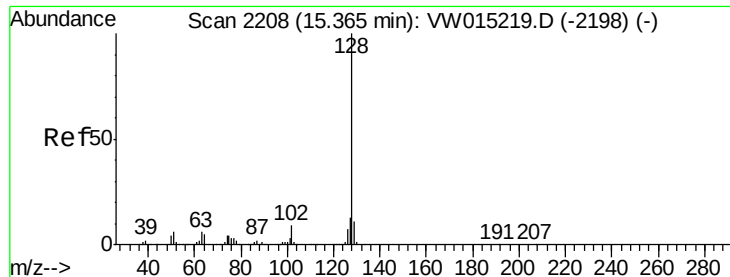
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.4
145	29.5	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 6.228 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015216.D
 Acq: 20 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.0	93.0
227	62.8	30.8	92.3

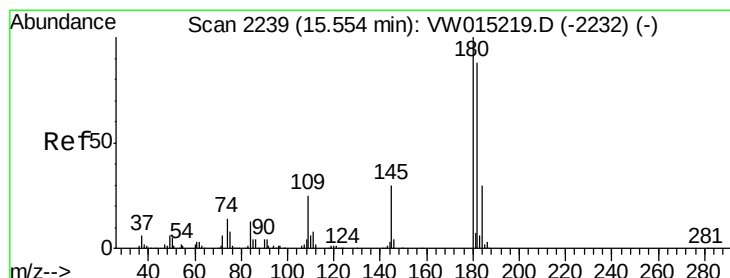
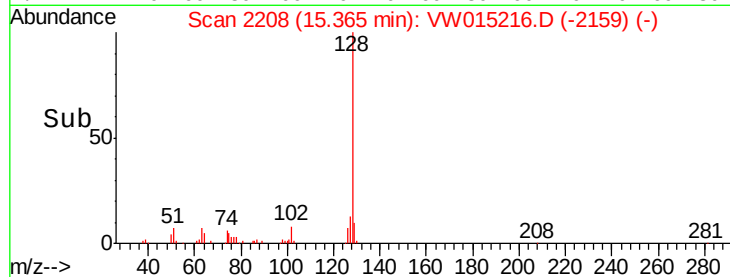
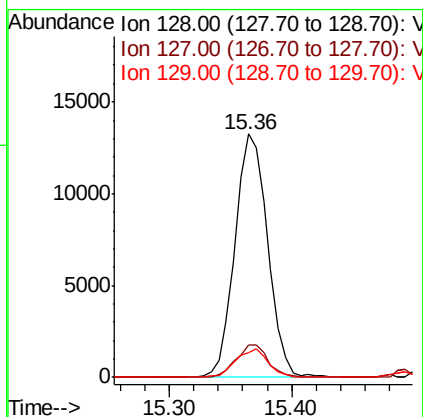
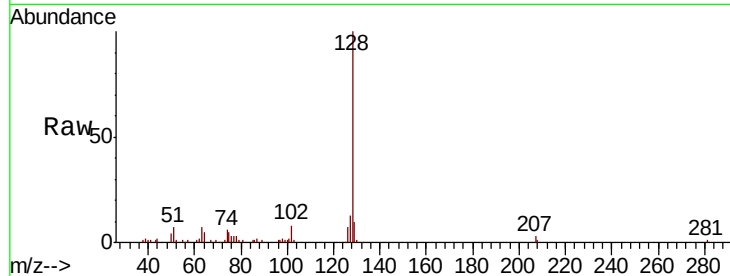




#95
Naphthalene
Concen: 4.146 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 24489
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 4.842 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW015216.D
Acq: 20 Apr 2020 12:01

Tgt Ion:180 Resp: 12758
Ion Ratio Lower Upper
180 100
182 93.3 48.8 146.3
145 32.9 17.2 51.6

