

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
 Data File : VW010012.D
 Acq On : 17 Apr 2019 11:22
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 18 01:45:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 01:42:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	375961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	612493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	563609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	288784	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	48812	10.52	ug/l	0.00
Spiked Amount			Recovery	=	21.04%	
35) Dibromofluoromethane	7.88	113	39213	10.07	ug/l	0.00
Spiked Amount			Recovery	=	20.14%	
50) Toluene-d8	10.32	98	146665	10.05	ug/l	0.00
Spiked Amount			Recovery	=	20.10%	
62) 4-Bromofluorobenzene	12.62	95	51034	9.62	ug/l	0.00
Spiked Amount			Recovery	=	19.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	31879	11.310	ug/l	88
3) Chloromethane	2.21	50	31449	10.970	ug/l	99
4) Vinyl Chloride	2.37	62	35887	10.770	ug/l	94
5) Bromomethane	2.78	94	24977	11.153	ug/l	97
6) Chloroethane	2.92	64	22499	10.334	ug/l	93
7) Trichlorofluoromethane	3.26	101	23116	10.033	ug/l	97
8) Diethyl Ether	3.68	74	22060	11.511	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41375	10.957	ug/l	97
10) Methyl Iodide	4.27	142	58369	10.895	ug/l	98
11) Tert butyl alcohol	5.17	59	15220	57.760	ug/l	100
12) 1,1-Dichloroethene	4.04	96	39909	10.738	ug/l	95
13) Acrolein	3.89	56	14167	50.956	ug/l	88
14) Allyl chloride	4.66	41	70504	10.670	ug/l	95
15) Acrylonitrile	5.37	53	55075	55.842	ug/l	98
16) Acetone	4.12	43	65245	60.610	ug/l	90
17) Carbon Disulfide	4.38	76	110940	10.882	ug/l	98
18) Methyl Acetate	4.67	43	26528	10.648	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	49928	10.342	ug/l	96
20) Methylene Chloride	4.92	84	60922	12.301	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	42669	10.602	ug/l	95
22) Diisopropyl ether	6.31	45	147050	10.971	ug/l #	95
23) Vinyl Acetate	6.26	43	447213	53.002	ug/l	99
24) 1,1-Dichloroethane	6.21	63	88806	11.083	ug/l	97
25) 2-Butanone	7.17	43	78420	55.457	ug/l	96
26) 2,2-Dichloropropane	7.16	77	49847	11.245	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	46798	10.573	ug/l	99
28) Bromochloromethane	7.51	49	33670	10.283	ug/l	97
29) Tetrahydrofuran	7.53	42	49325	55.050	ug/l	99
30) Chloroform	7.67	83	90142	11.227	ug/l	98
31) Cyclohexane	7.95	56	83851	11.176	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	69486	11.025	ug/l	96
36) 1,1-Dichloropropene	8.08	75	68134	10.890	ug/l	99
37) Ethyl Acetate	7.26	43	34701	10.915	ug/l	97
38) Carbon Tetrachloride	8.07	117	66828	10.944	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71162	10.108	ug/l	97
40) Benzene	8.32	78	185035	10.816	ug/l	97
41) Methacrylonitrile	7.48	41	18431	10.172	ug/l	92
42) 1,2-Dichloroethane	8.40	62	66332	11.283	ug/l	98
43) Isopropyl Acetate	8.43	43	64474	10.822	ug/l	98
44) Trichloroethene	9.09	130	46489	10.700	ug/l	92
45) 1,2-Dichloropropane	9.37	63	49751	11.064	ug/l	98
46) Dibromomethane	9.46	93	25300	10.856	ug/l	99
47) Bromodichloromethane	9.64	83	65834	10.943	ug/l	96
48) Methyl methacrylate	9.43	41	31278	10.786	ug/l	95
49) 1,4-Dioxane	9.45	88	7864	220.833	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	168751	54.082	ug/l	99
52) Toluene	10.38	92	115588	10.847	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	62269	10.440	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	70251	10.315	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	36120	11.104	ug/l	97
56) Ethyl methacrylate	10.65	69	39017	9.649	ug/l	96
57) 1,3-Dichloropropane	10.93	76	63438	10.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88951	45.764	ug/l	99
59) 2-Hexanone	10.97	43	117849	54.257	ug/l	94
60) Dibromochloromethane	11.13	129	39758	10.575	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32965	10.653	ug/l	98
64) Tetrachloroethene	10.86	164	39840	10.889	ug/l	97
65) Chlorobenzene	11.66	112	128719	11.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44699	10.836	ug/l	97
67) Ethyl Benzene	11.73	91	212979	10.348	ug/l	100
68) m/p-Xylenes	11.84	106	163668	21.274	ug/l	100
69) o-Xylene	12.16	106	72137	10.298	ug/l	98
70) Styrene	12.18	104	121419	10.053	ug/l	98
71) Bromoform	12.35	173	23015	10.551	ug/l #	99
73) Isopropylbenzene	12.47	105	206017	10.250	ug/l	100
74) N-amyl acetate	12.27	43	57505	10.332	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	42938	10.813	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58464	16.888	ug/l #	100
77) Bromobenzene	12.75	156	49526	10.714	ug/l	98
78) n-propylbenzene	12.80	91	257147	10.323	ug/l	100
79) 2-Chlorotoluene	12.90	91	148879	10.392	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	175461	10.296	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12135	9.900	ug/l	91
82) 4-Chlorotoluene	12.99	91	163176	10.822	ug/l	99
83) tert-Butylbenzene	13.21	119	144203	10.218	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	181930	10.530	ug/l	98
85) sec-Butylbenzene	13.39	105	221319	10.494	ug/l	99
86) p-Isopropyltoluene	13.50	119	191629	10.309	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102149	10.932	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102376	10.977	ug/l	97
89) n-Butylbenzene	13.83	91	185760	10.087	ug/l	99
90) Hexachloroethane	14.10	117	37076	10.414	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	92958	11.095	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7792	10.965	ug/l	95

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QLast Update : Thu Apr 18 01:42:18 2019
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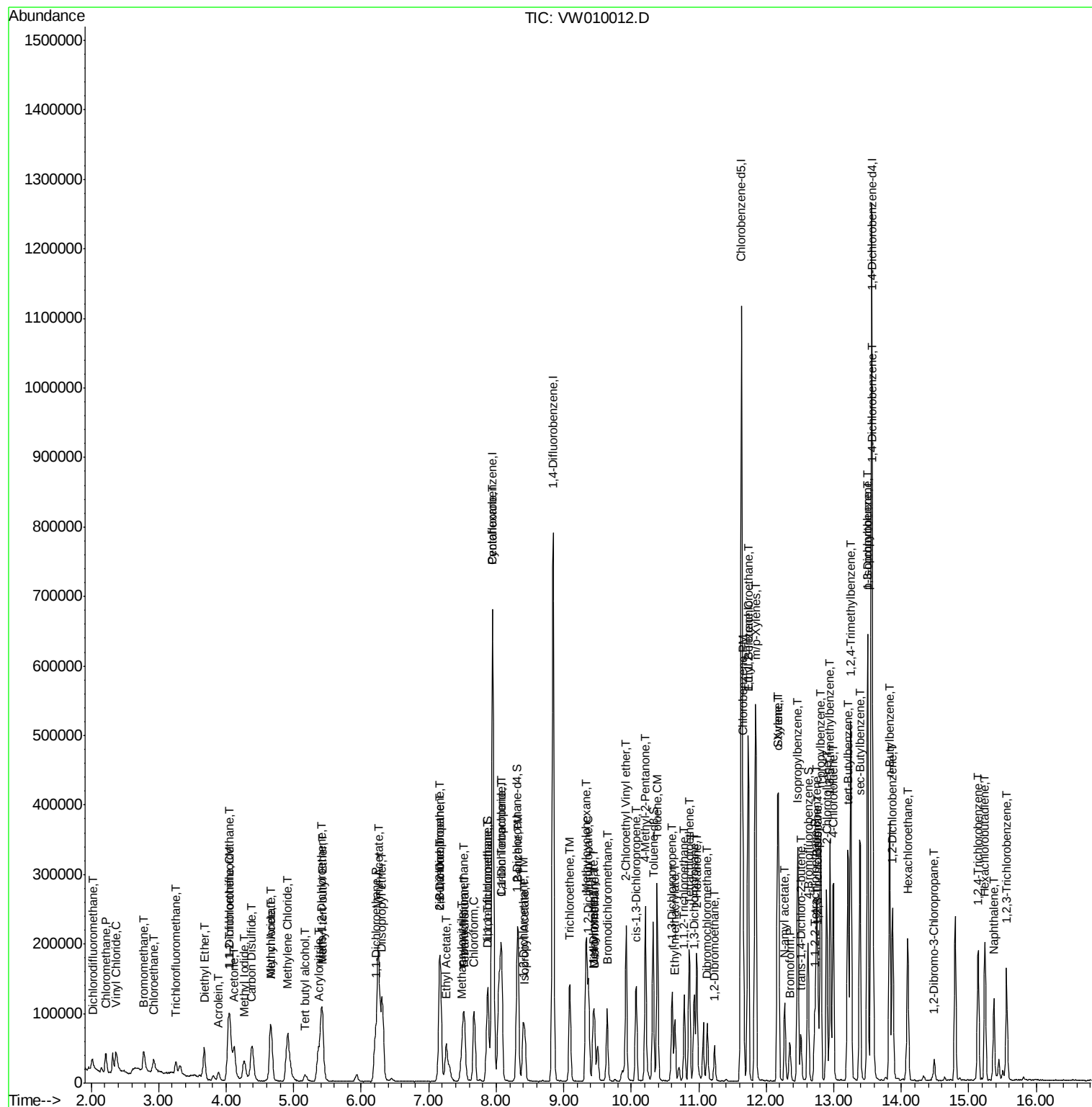
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57018	10.316	ug/l	99
94) Hexachlorobutadiene	15.24	225	35954	10.712	ug/l	99
95) Naphthalene	15.37	128	94156	9.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	48890	10.195	ug/l	96

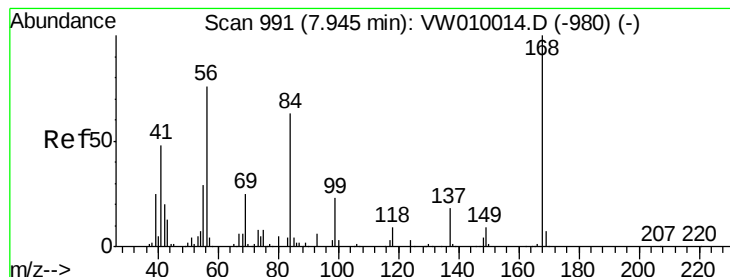
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

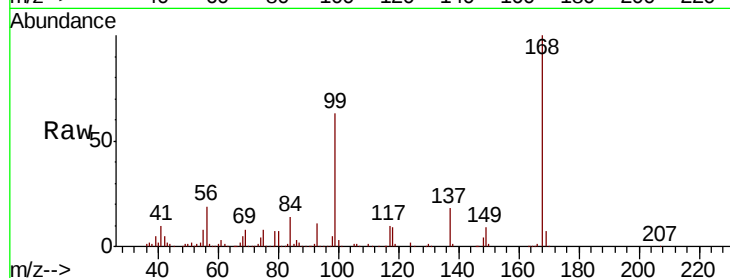
VSTDIC010

Tgt Ion:168 Resp: 375961

Ion Ratio Lower Upper

168 100

99 63.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

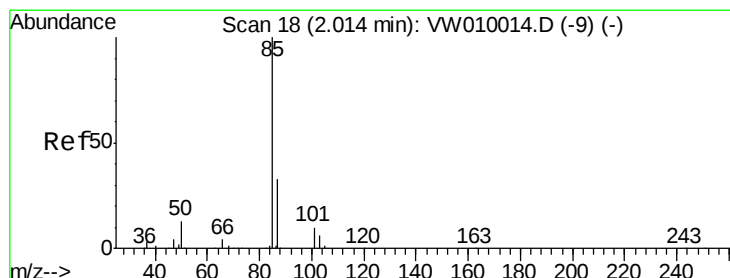
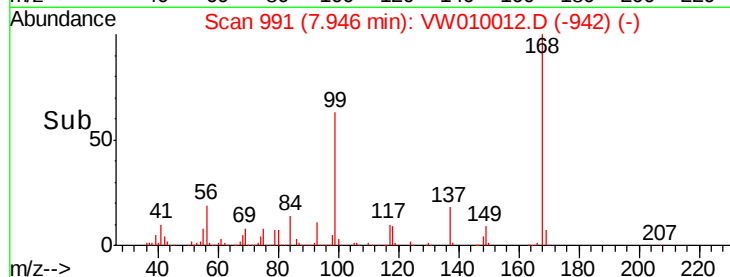
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 11.310 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010012.D

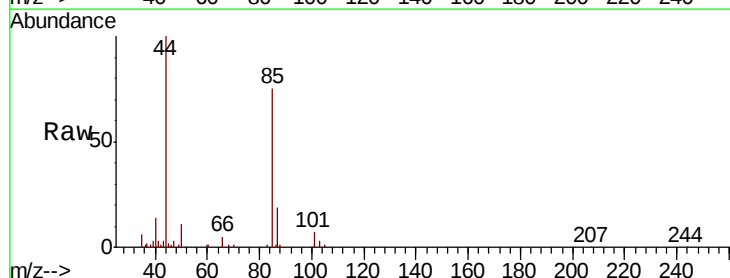
Acq: 17 Apr 2019 11:22

Tgt Ion: 85 Resp: 31879

Ion Ratio Lower Upper

85 100

87 25.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

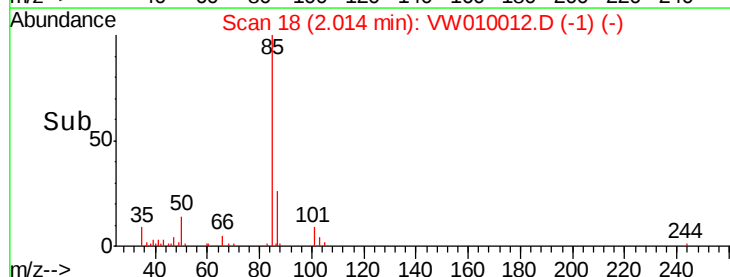
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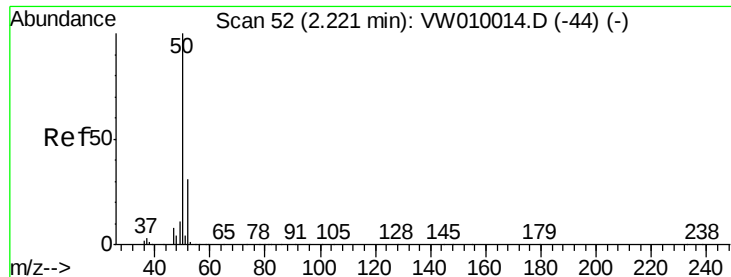
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 10.970 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

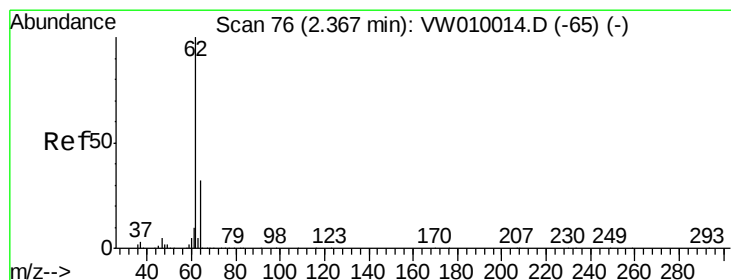
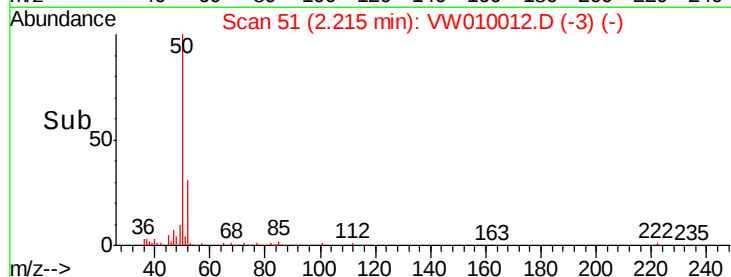
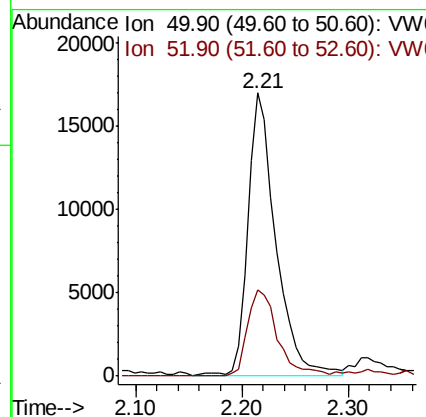
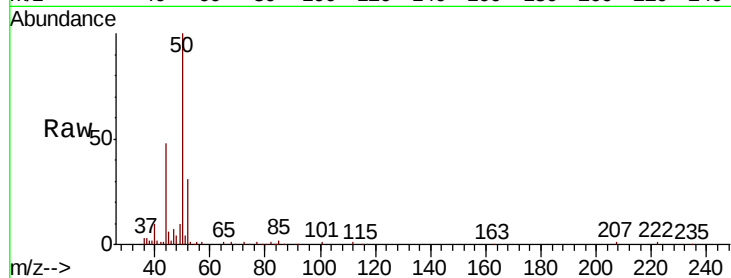
VSTDIC010

Tgt Ion: 50 Resp: 31449

Ion Ratio Lower Upper

50 100

52 30.7 25.0 37.6



#4

Vinyl Chloride

Concen: 10.770 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW010012.D

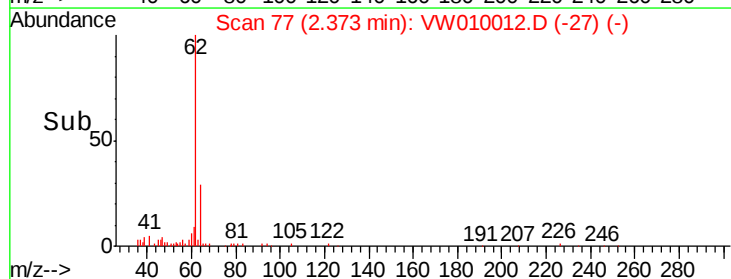
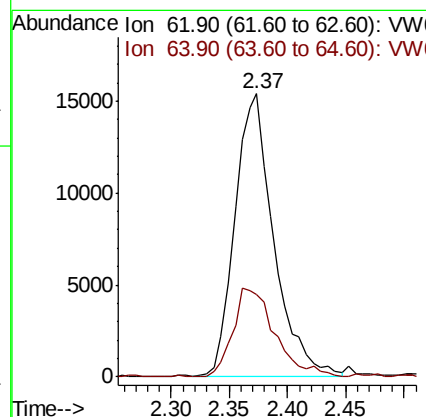
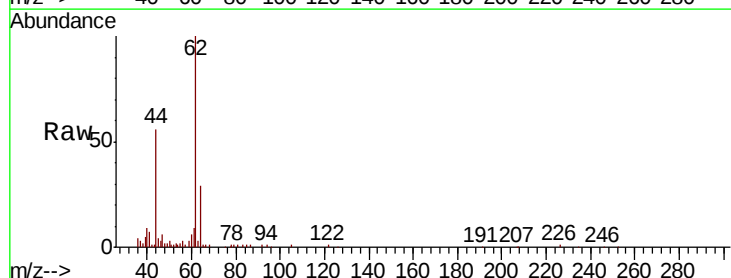
Acq: 17 Apr 2019 11:22

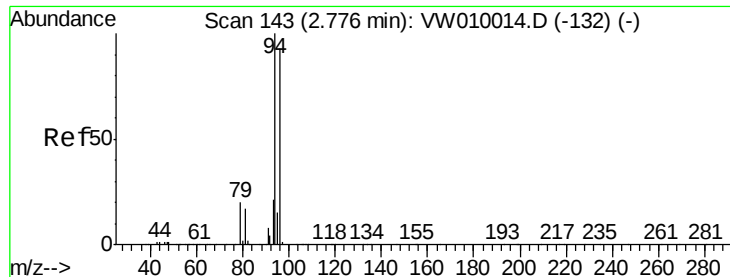
Tgt Ion: 62 Resp: 35887

Ion Ratio Lower Upper

62 100

64 29.0 25.9 38.9





#5

Bromomethane

Concen: 11.153 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

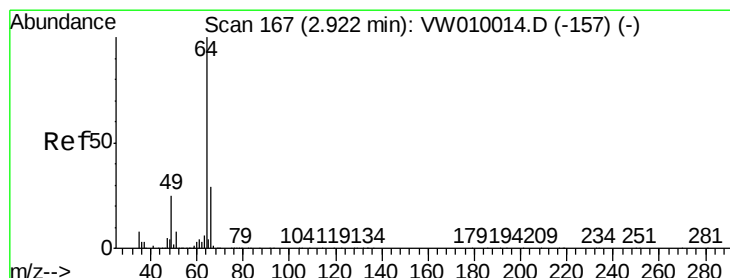
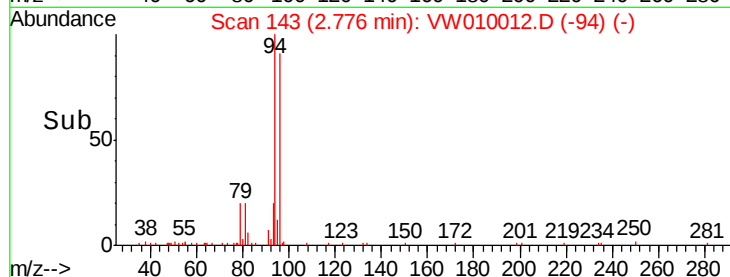
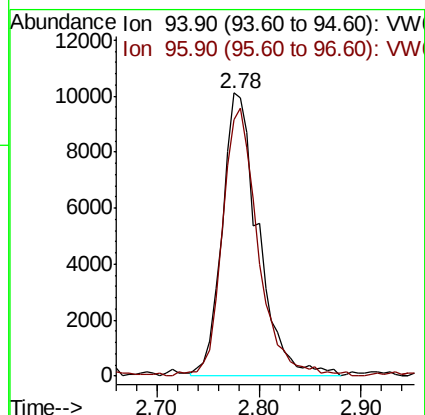
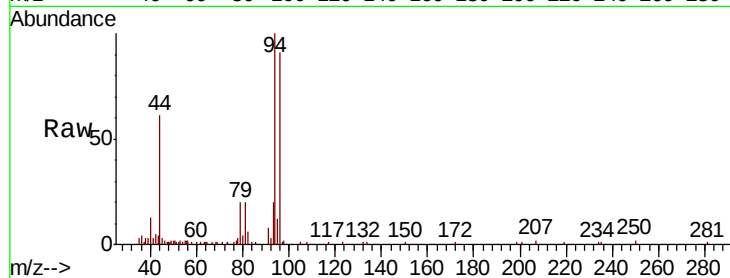
VSTDIC010

Tgt Ion: 94 Resp: 24977

Ion Ratio Lower Upper

94 100

96 89.7 74.2 111.2



#6

Chloroethane

Concen: 10.334 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010012.D

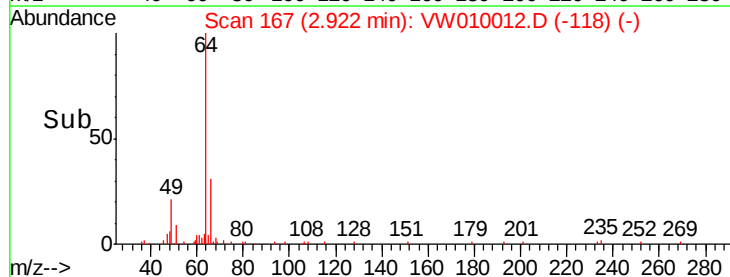
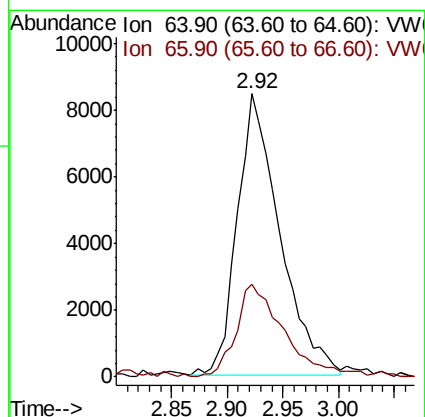
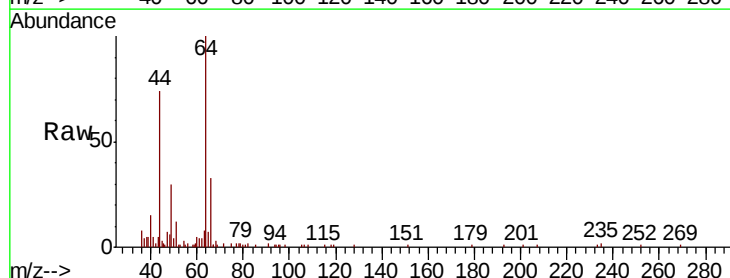
Acq: 17 Apr 2019 11:22

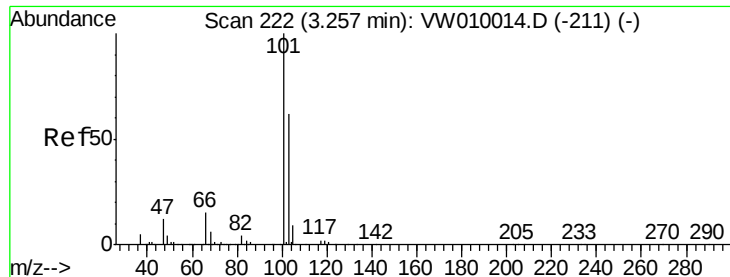
Tgt Ion: 64 Resp: 22499

Ion Ratio Lower Upper

64 100

66 32.8 23.4 35.0



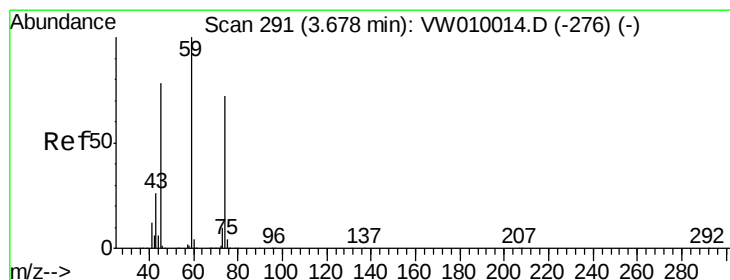
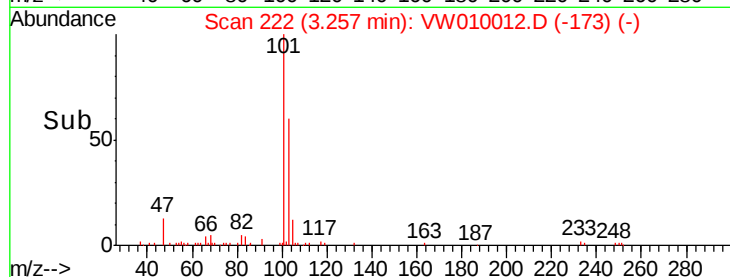
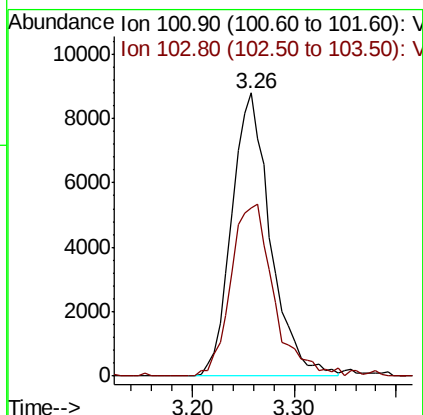
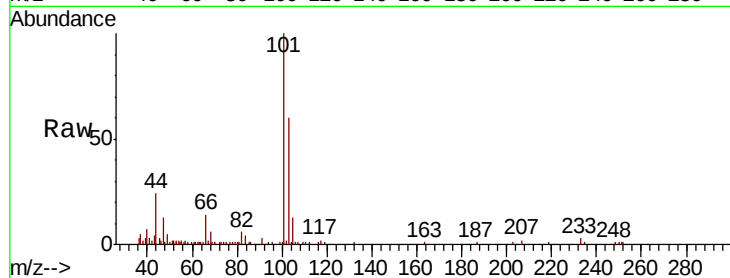


#7

Trichlorofluoromethane
Concen: 10.033 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW010012.D
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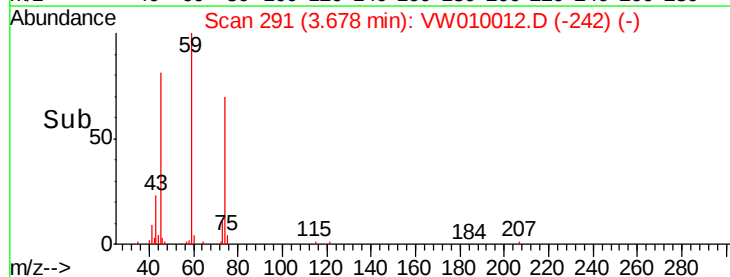
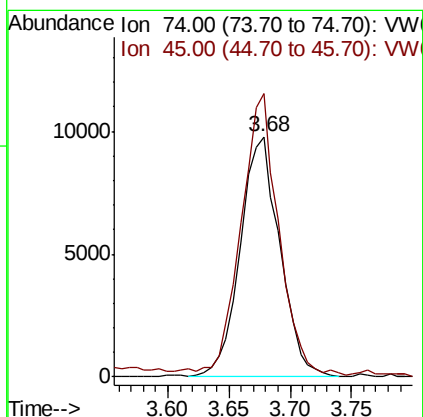
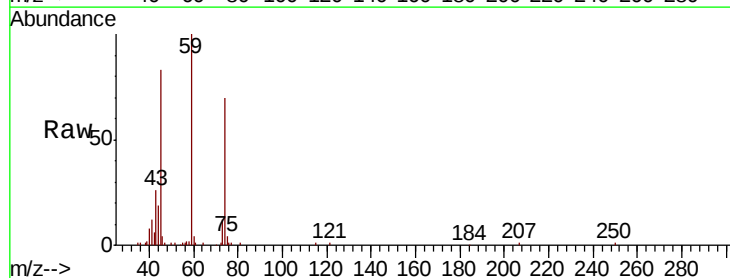
Tgt Ion:101 Resp: 23116
Ion Ratio Lower Upper
101 100
103 59.6 49.8 74.6

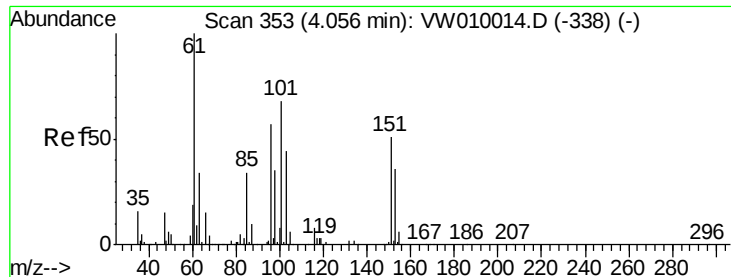


#8

Diethyl Ether
Concen: 11.511 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion: 74 Resp: 22060
Ion Ratio Lower Upper
74 100
45 111.1 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.957 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

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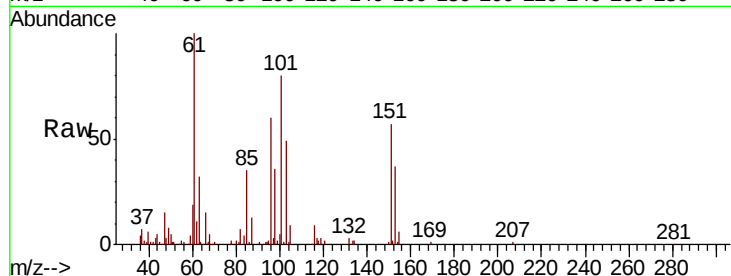
Tgt Ion:101 Resp: 41375

Ion Ratio Lower Upper

101 100

85 48.4 36.3 54.5

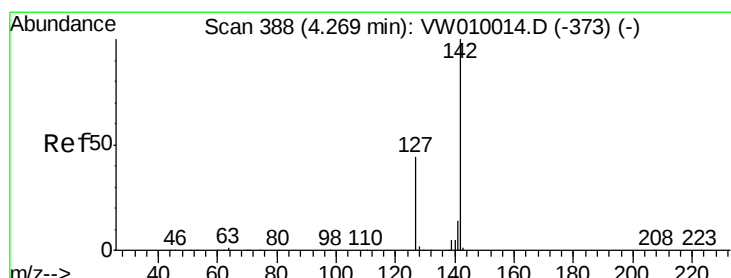
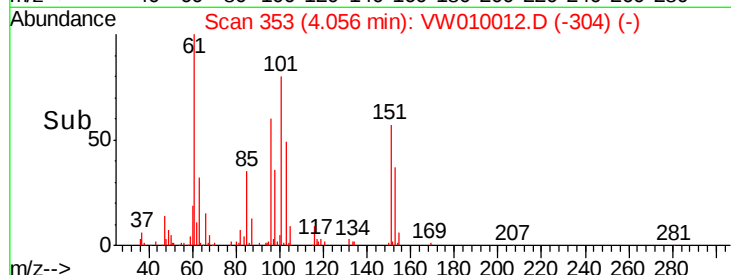
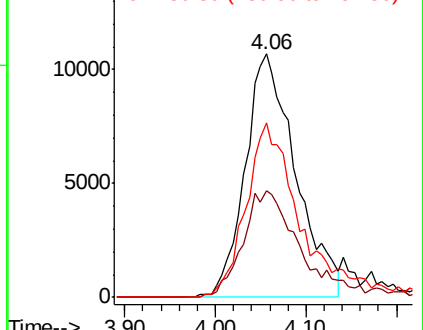
151 77.0 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.895 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

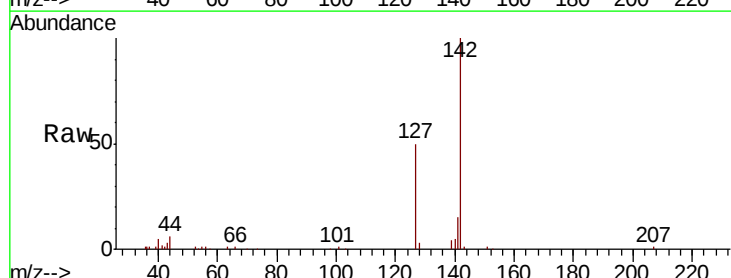
Tgt Ion:142 Resp: 58369

Ion Ratio Lower Upper

142 100

127 48.8 38.1 57.1

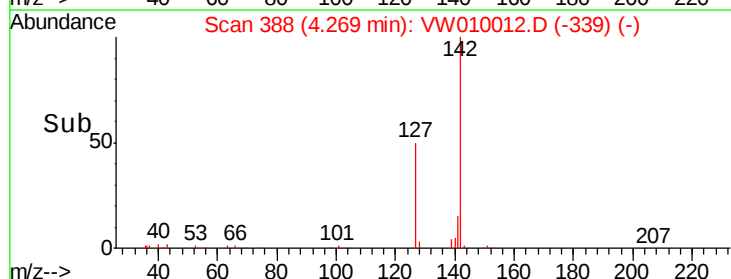
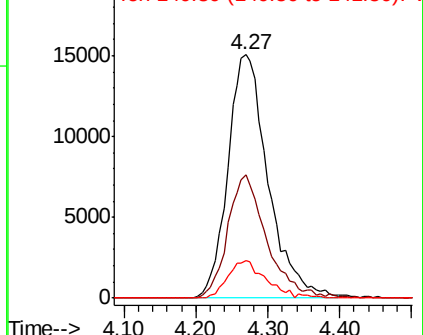
141 14.5 12.2 18.2

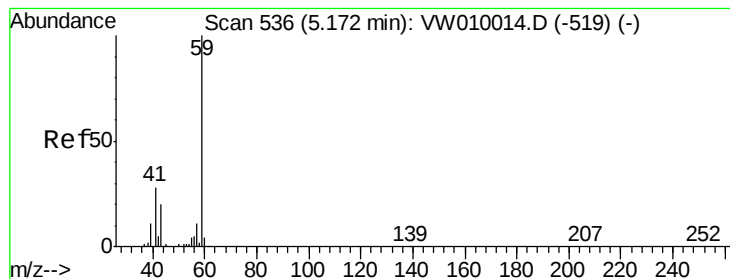


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



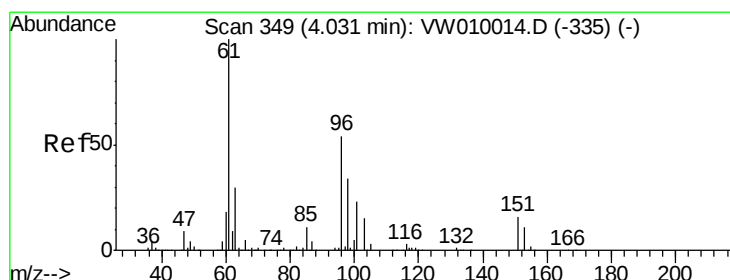
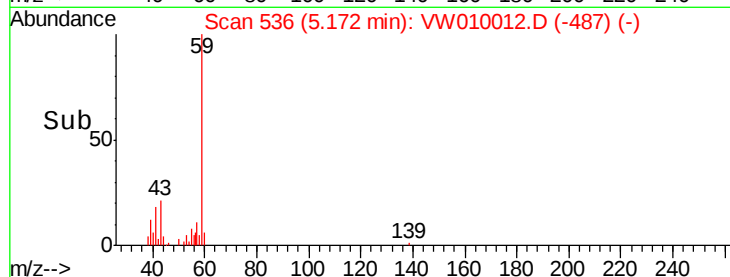
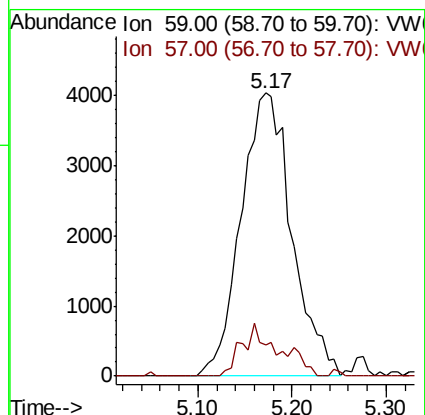
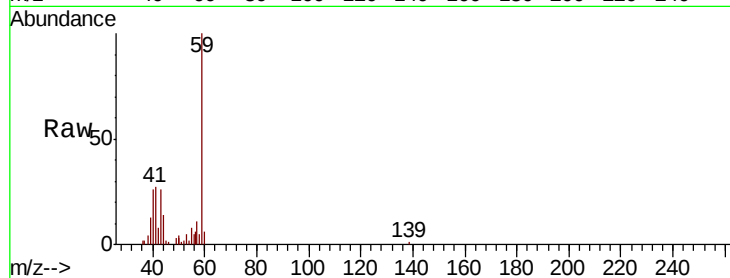


#11

Tert butyl alcohol
 Concen: 57.760 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

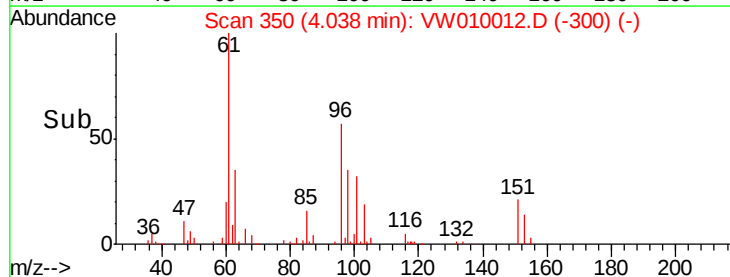
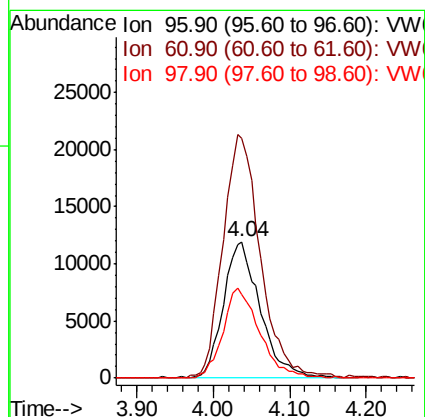
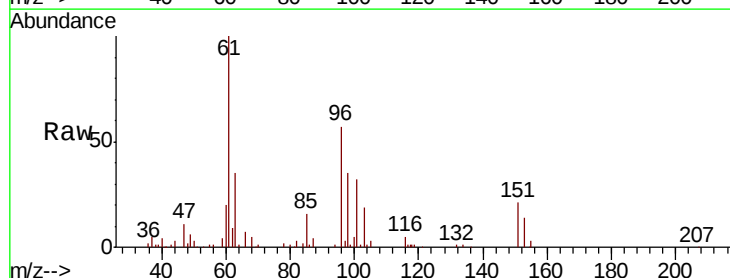
Tgt Ion: 59 Resp: 15220
 Ion Ratio Lower Upper
 59 100
 57 11.1 9.0 13.4

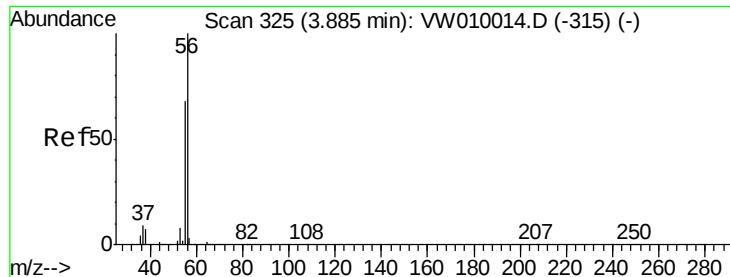


#12

1,1-Dichloroethene
 Concen: 10.738 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion: 96 Resp: 39909
 Ion Ratio Lower Upper
 96 100
 61 175.3 147.4 221.2
 98 61.1 49.7 74.5

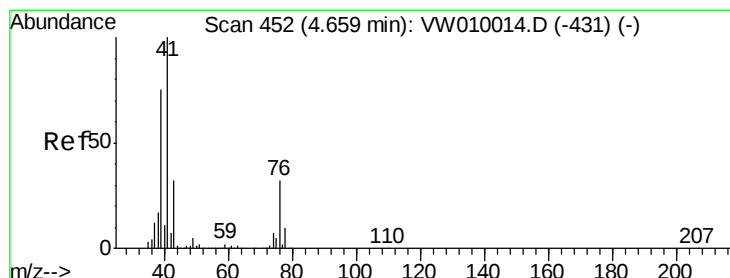
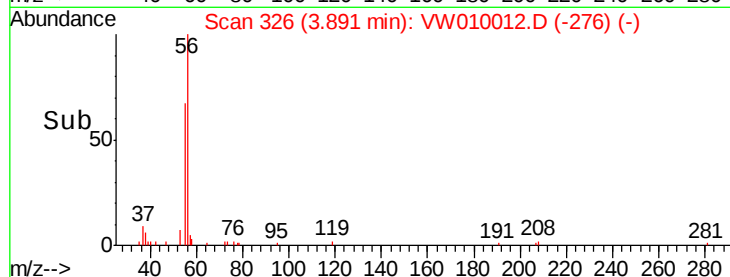
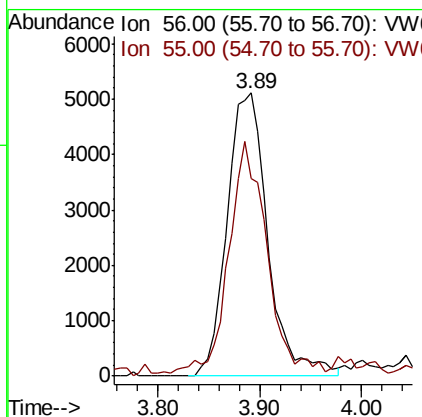
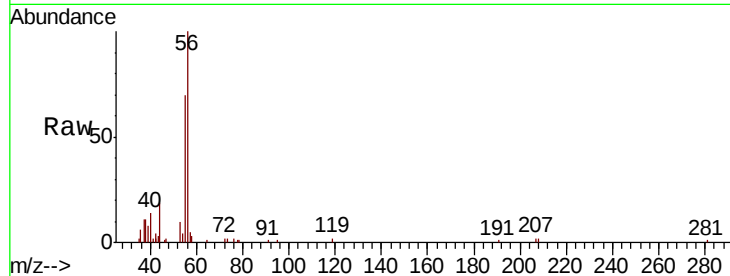




#13
 Acrolein
 Concen: 50.956 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

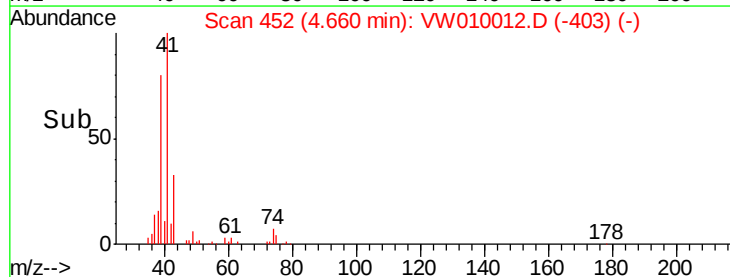
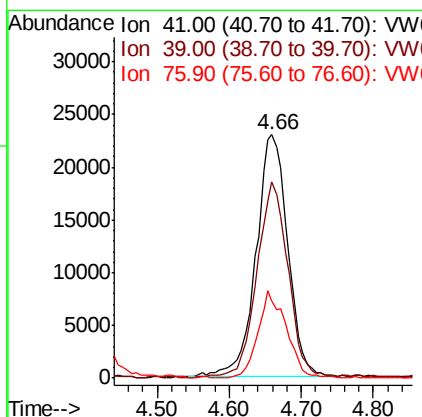
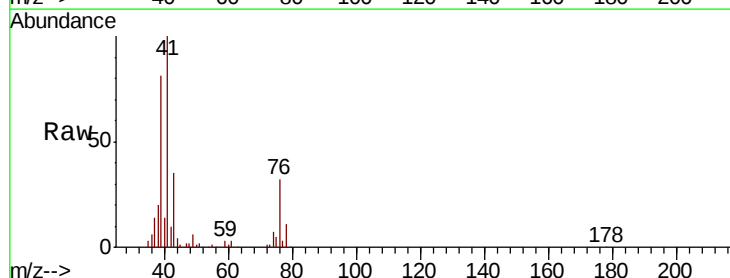
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

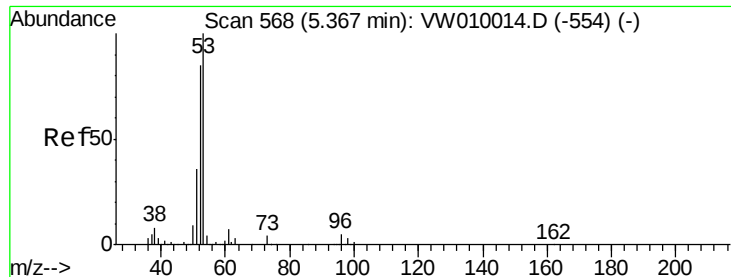
Tgt Ion: 56 Resp: 14167
 Ion Ratio Lower Upper
 56 100
 55 77.2 54.2 81.2



#14
 Allyl chloride
 Concen: 10.670 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion: 41 Resp: 70504
 Ion Ratio Lower Upper
 41 100
 39 80.3 60.2 90.4
 76 32.3 25.0 37.6





#15

Acrylonitrile

Concen: 55.842 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

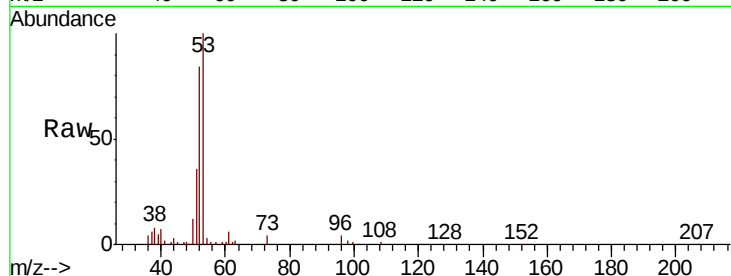
Tgt Ion: 53 Resp: 55075

Ion Ratio Lower Upper

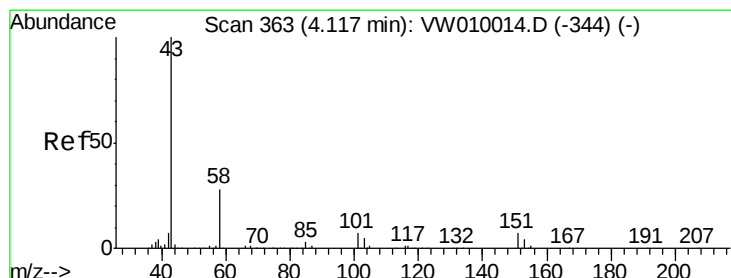
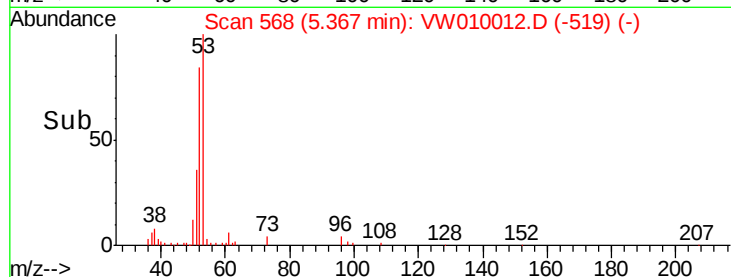
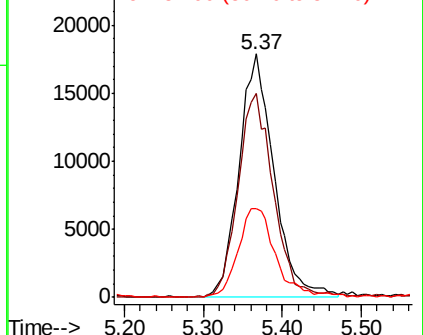
53 100

52 85.3 66.6 100.0

51 38.7 30.3 45.5



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: 60.610 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010012.D

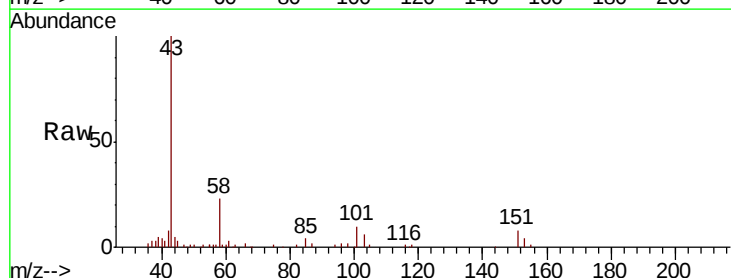
Acq: 17 Apr 2019 11:22

Tgt Ion: 43 Resp: 65245

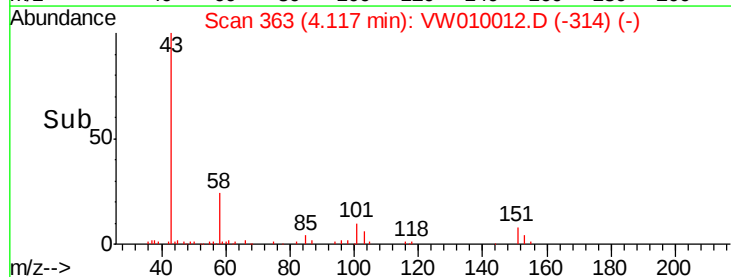
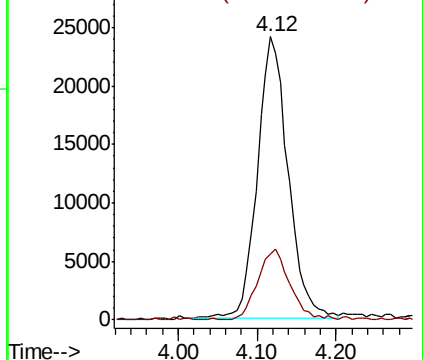
Ion Ratio Lower Upper

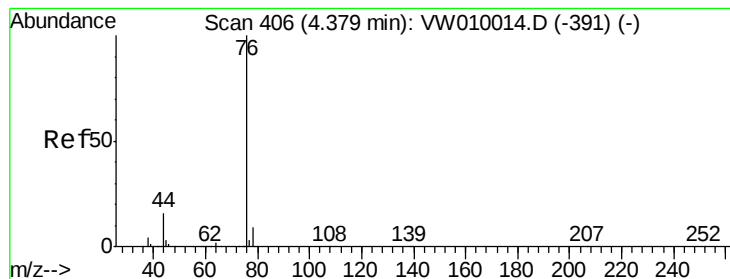
43 100

58 23.2 22.7 34.1



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





#17

Carbon Disulfide

Concen: 10.882 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

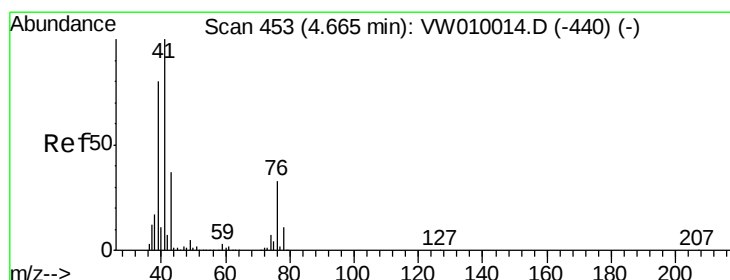
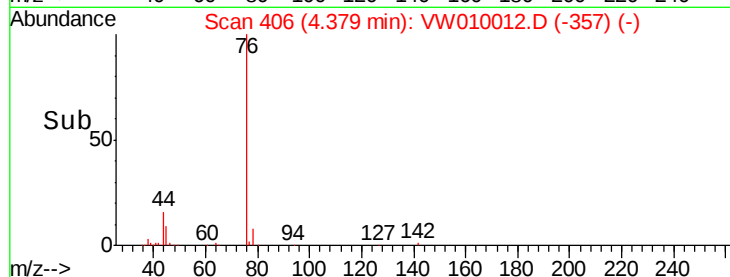
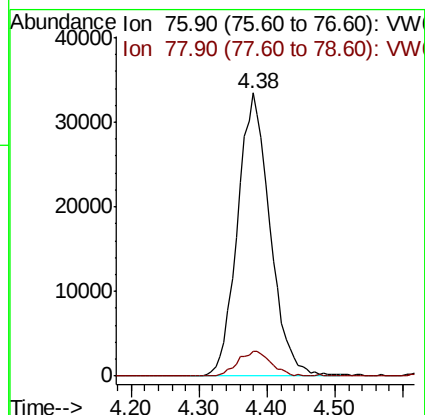
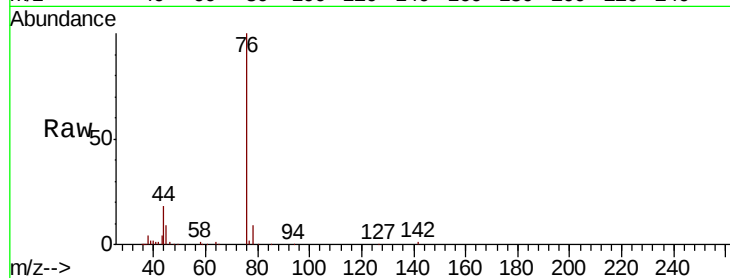
VSTDIC010

Tgt Ion: 76 Resp: 110940

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2



#18

Methyl Acetate

Concen: 10.648 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010012.D

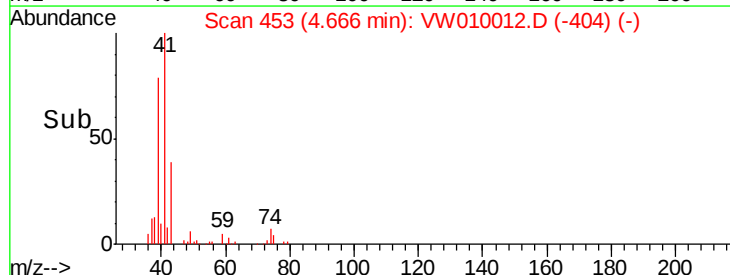
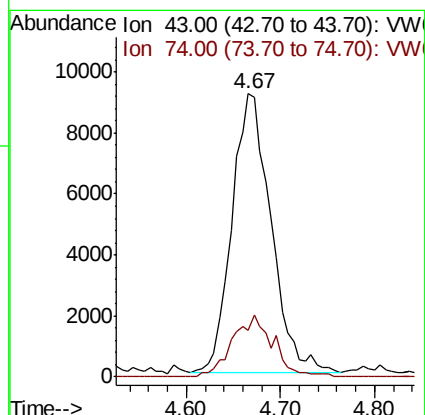
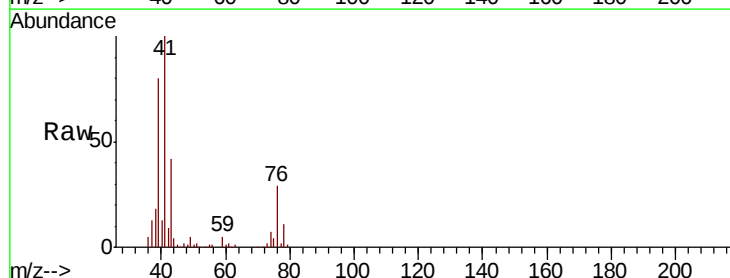
Acq: 17 Apr 2019 11:22

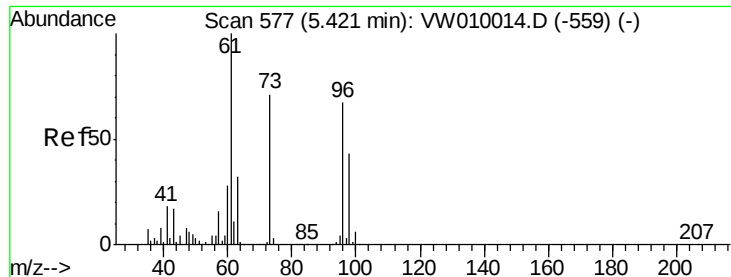
Tgt Ion: 43 Resp: 26528

Ion Ratio Lower Upper

43 100

74 23.1 16.8 25.2



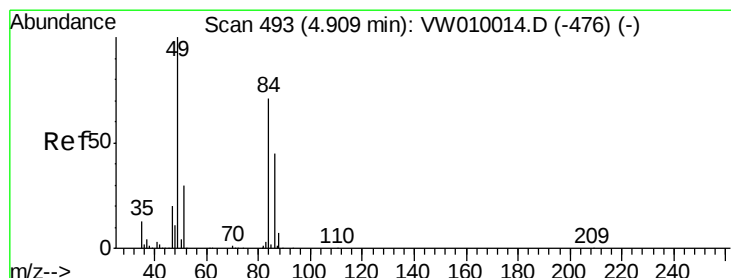
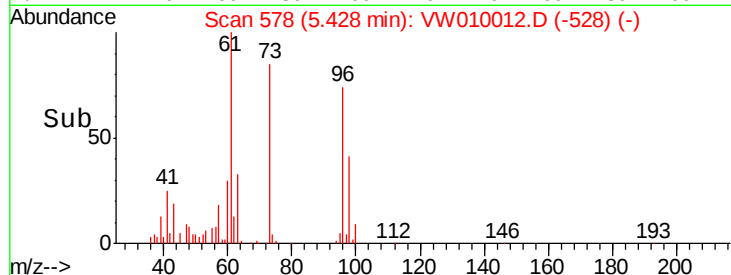
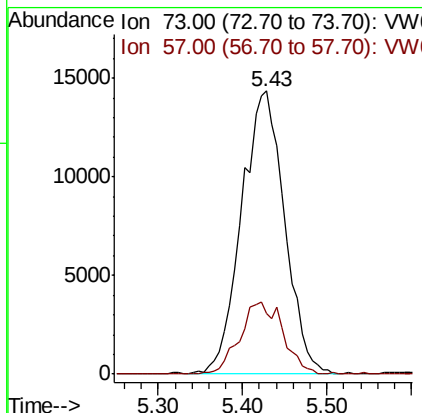
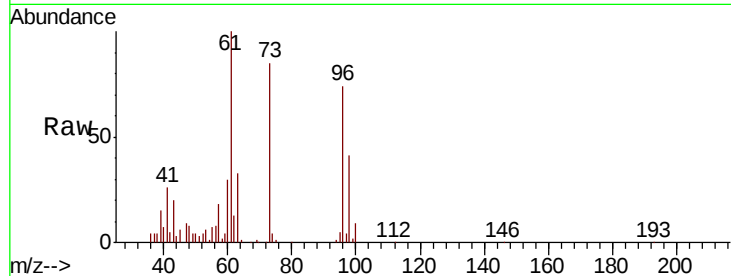


#19

Methyl tert-butyl Ether
 Concen: 10.342 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

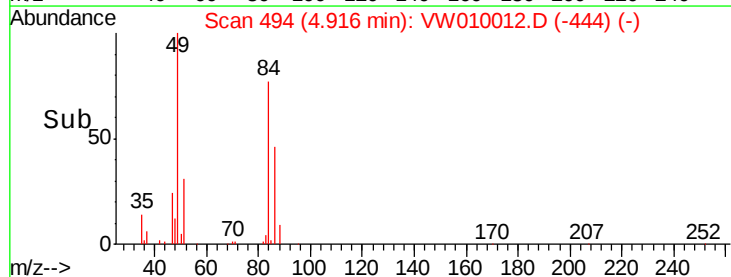
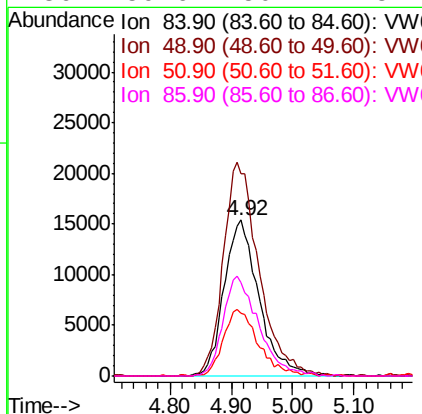
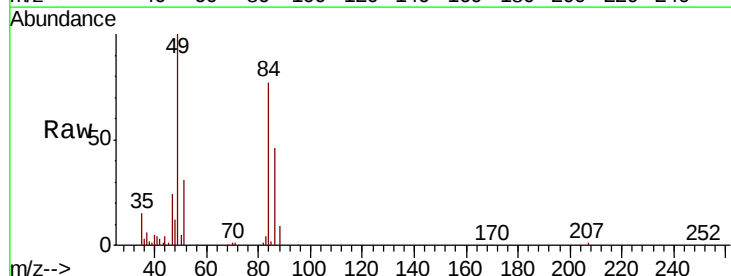
Tgt Ion: 73 Resp: 49928
 Ion Ratio Lower Upper
 73 100
 57 21.4 18.5 27.7

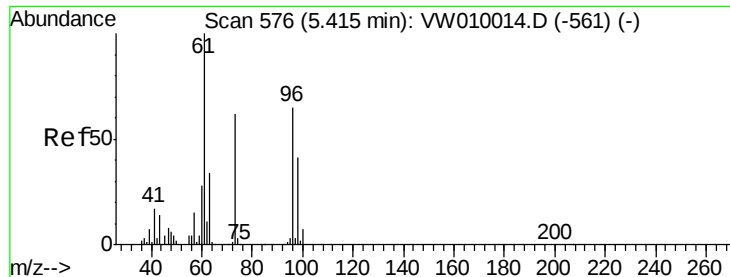


#20

Methylene Chloride
 Concen: 12.301 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion: 84 Resp: 60922
 Ion Ratio Lower Upper
 84 100
 49 130.0 112.3 168.5
 51 40.5 33.9 50.9
 86 59.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 10.602 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

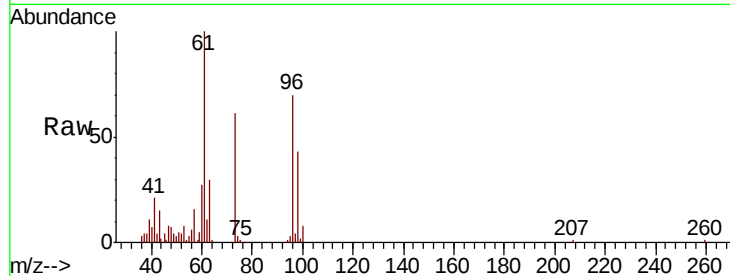
Tgt Ion: 96 Resp: 42669

Ion Ratio Lower Upper

96 100

61 143.7 122.3 183.5

98 62.2 50.5 75.7

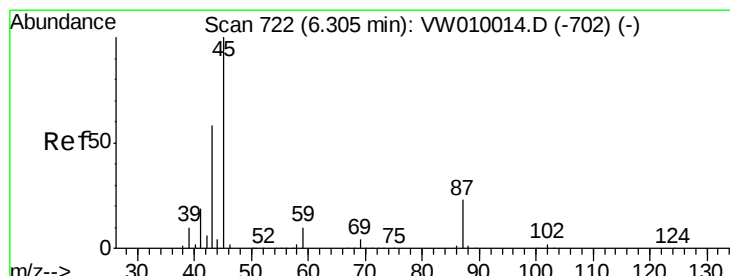
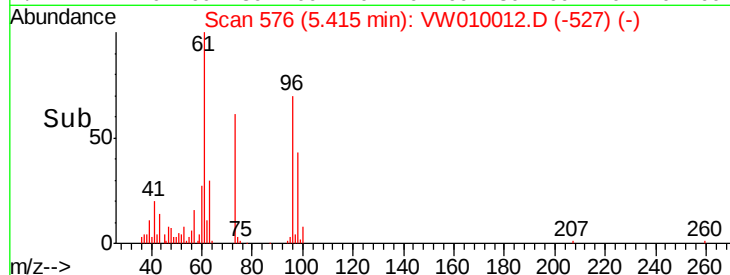
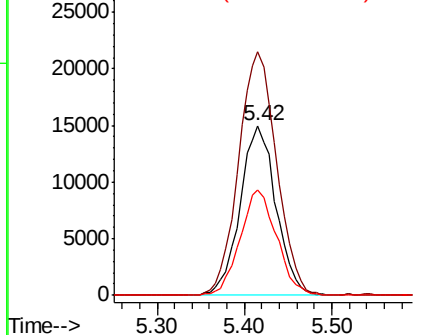


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 10.971 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Tgt Ion: 45 Resp: 147050

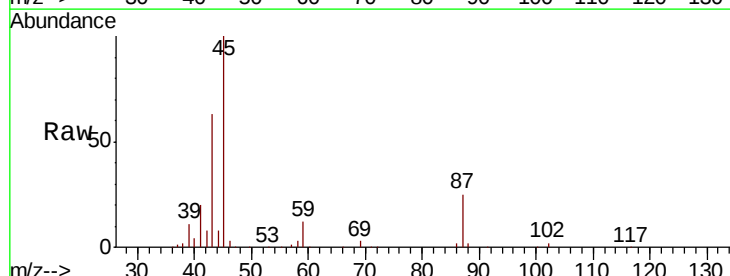
Ion Ratio Lower Upper

45 100

43 62.1 46.1 69.1

87 24.6 18.3 27.5

59 12.4 8.2 12.4#



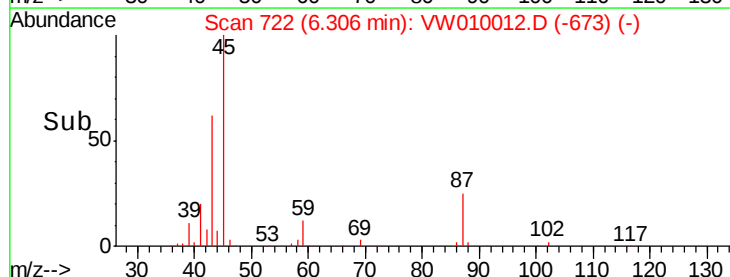
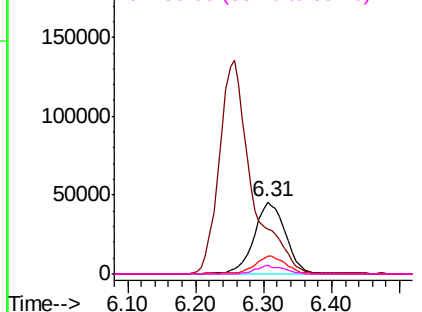
Abundance

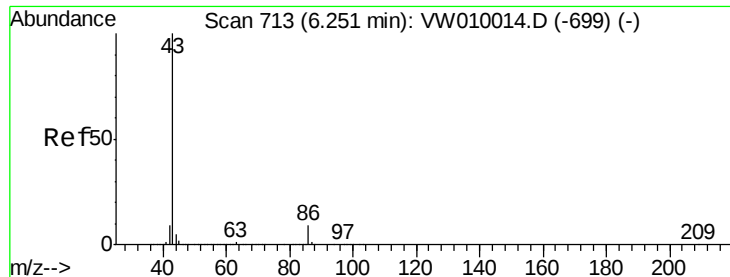
Ion 45.00 (44.70 to 45.70): VW

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: 53.002 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

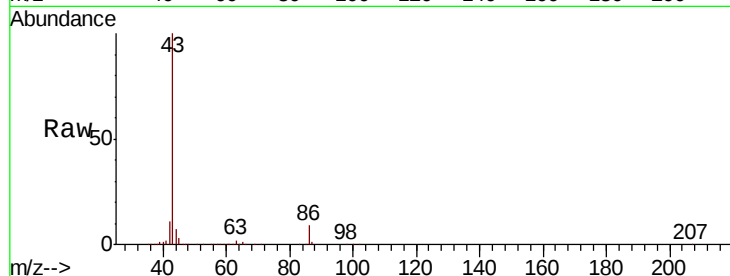
VSTDIC010

Tgt Ion: 43 Resp: 447213

Ion Ratio Lower Upper

43 100

86 9.3 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

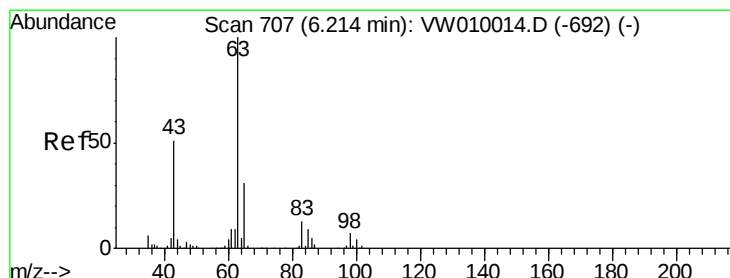
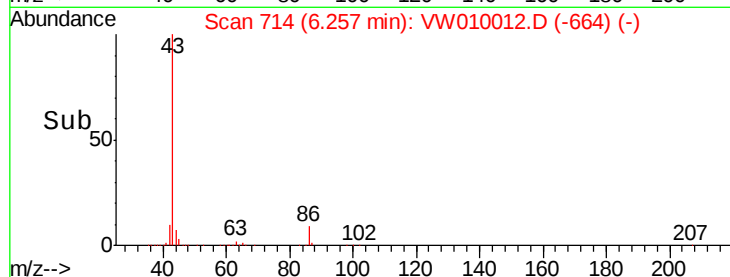
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 11.083 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

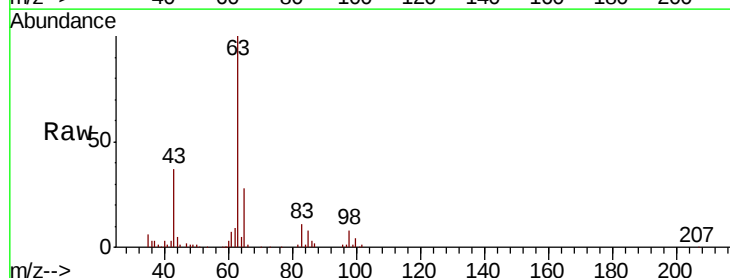
Tgt Ion: 63 Resp: 88806

Ion Ratio Lower Upper

63 100

98 8.1 3.3 9.8

100 3.7 2.0 6.0



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

6.21

40000

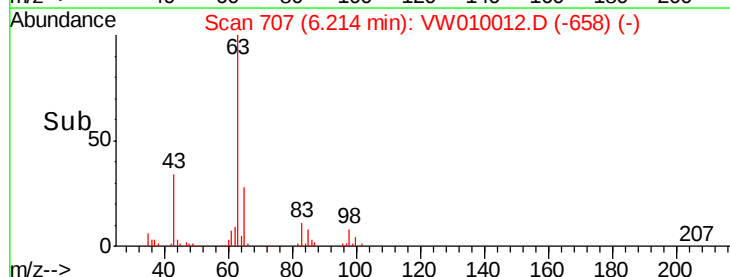
30000

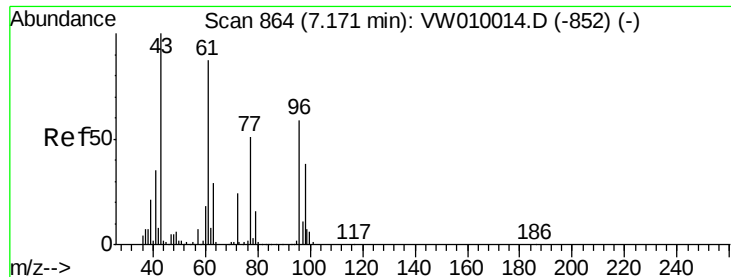
20000

10000

0

Time-->





#25

2-Butanone

Concen: 55.457 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

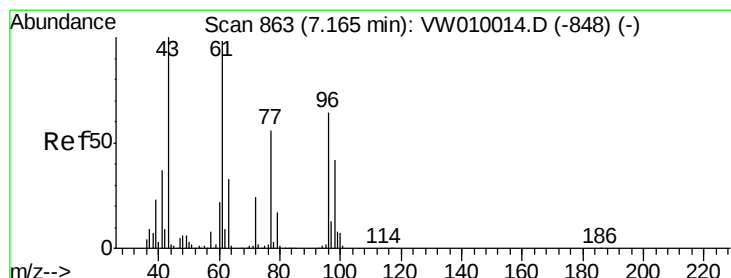
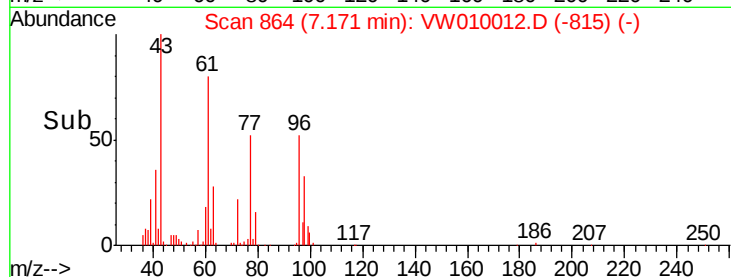
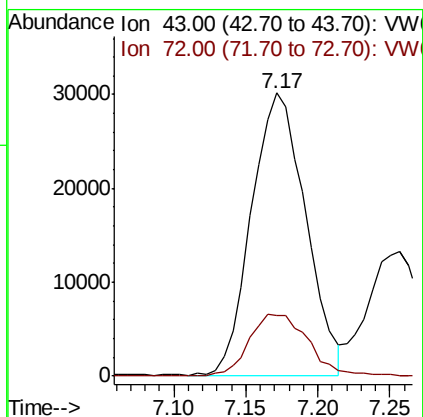
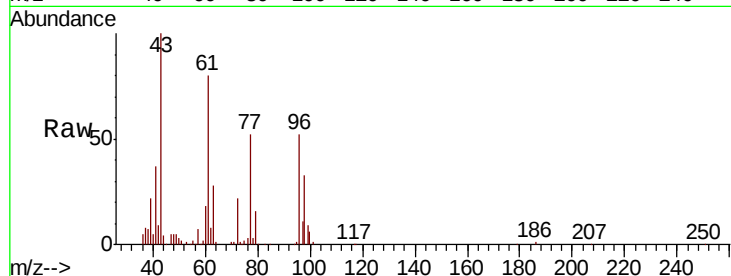
VSTDIC010

Tgt Ion: 43 Resp: 78420

Ion Ratio Lower Upper

43 100

72 21.7 19.1 28.7



#26

2,2-Dichloropropane

Concen: 11.245 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010012.D

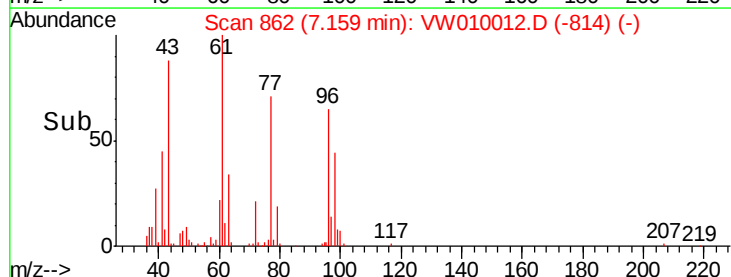
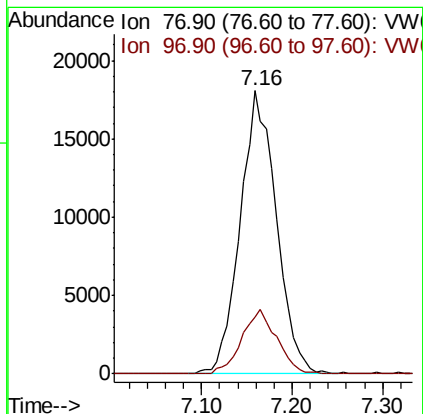
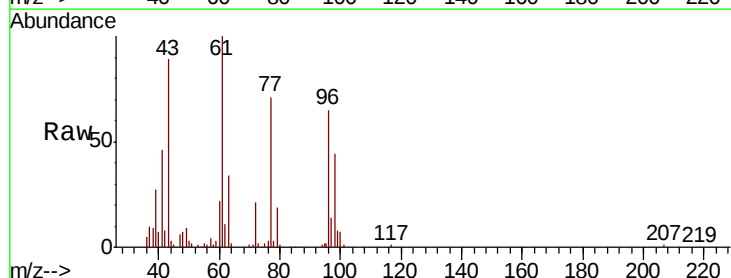
Acq: 17 Apr 2019 11:22

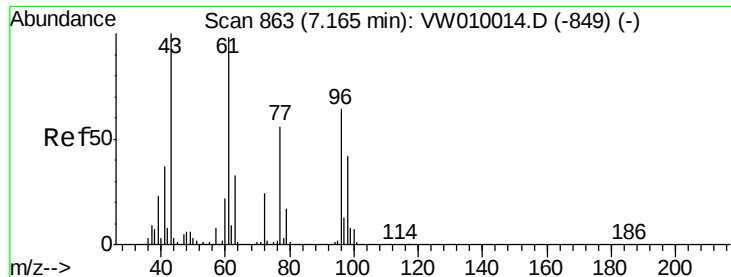
Tgt Ion: 77 Resp: 49847

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.9



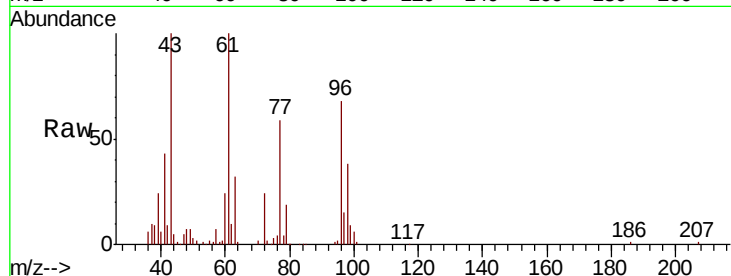


#27

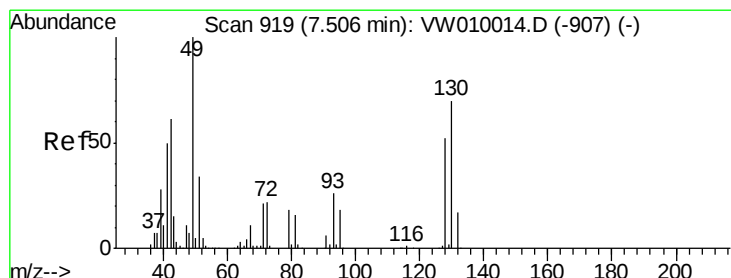
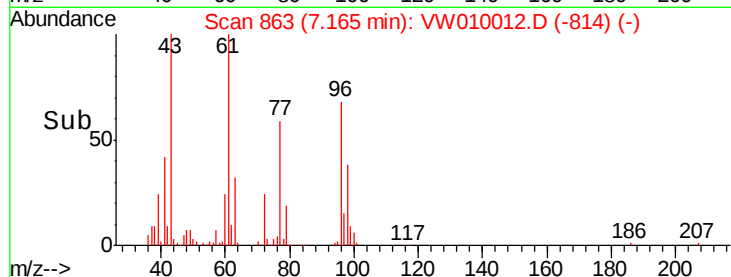
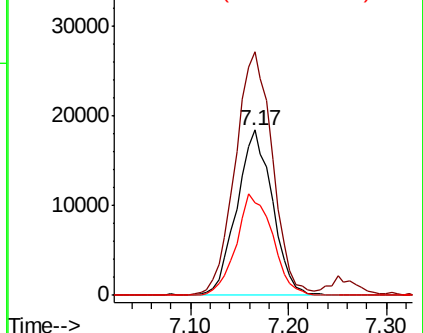
cis-1,2-Dichloroethene
Concen: 10.573 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 46798
Ion Ratio Lower Upper
96 100
61 154.2 0.0 309.4
98 62.0 0.0 128.6



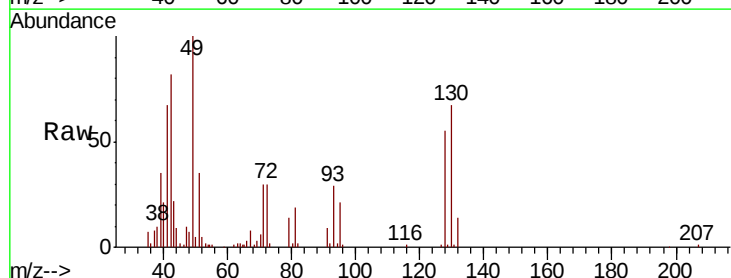
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



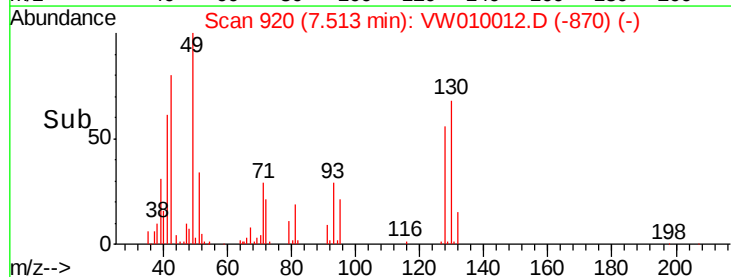
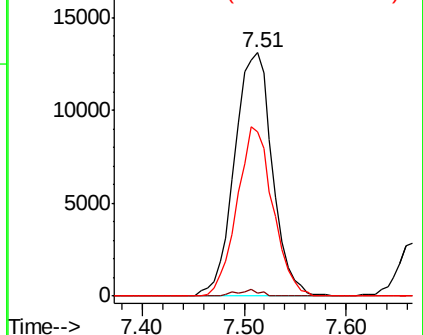
#28

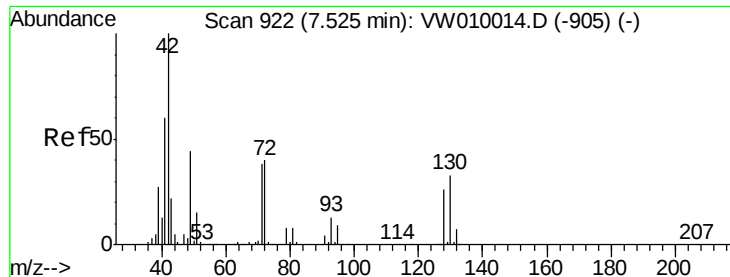
Bromochloromethane
Concen: 10.283 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion: 49 Resp: 33670
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 65.8 54.6 82.0



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

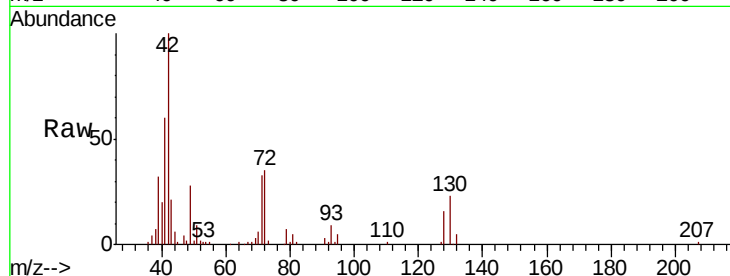




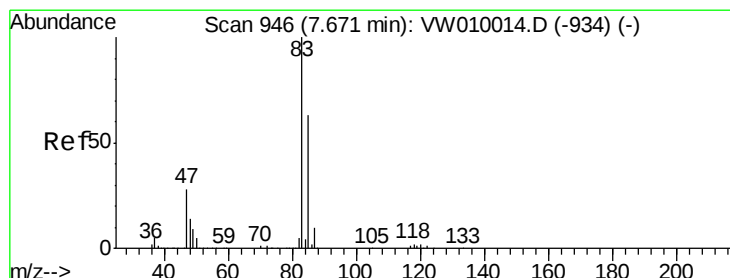
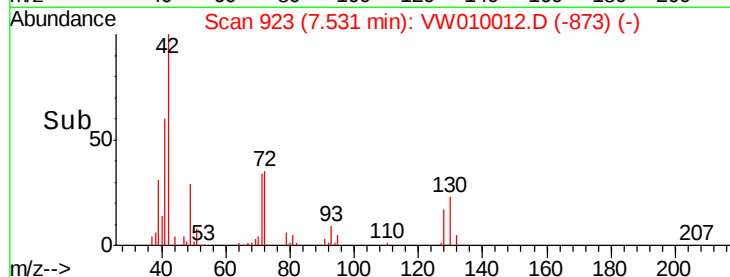
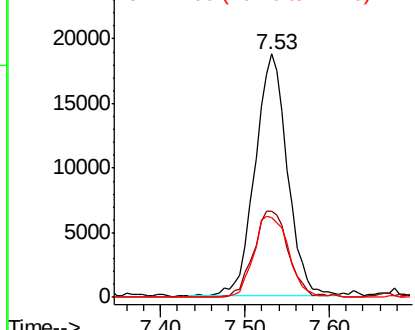
#29
Tetrahydrofuran
Concen: 55.050 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 49325
Ion Ratio Lower Upper
42 100
72 37.9 31.0 46.6
71 36.4 29.7 44.5

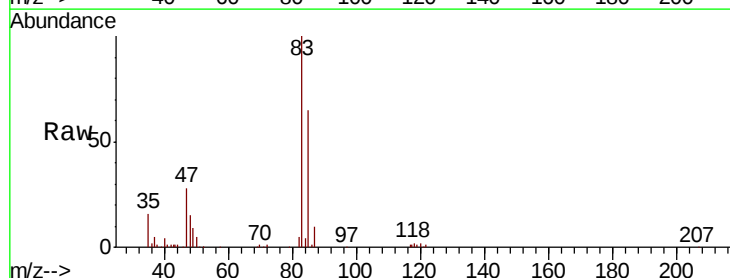


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

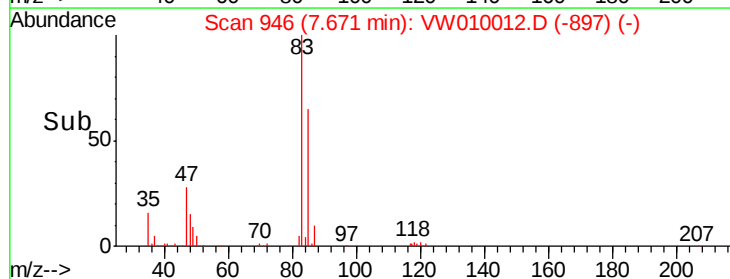
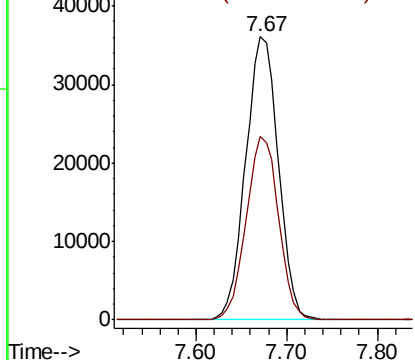


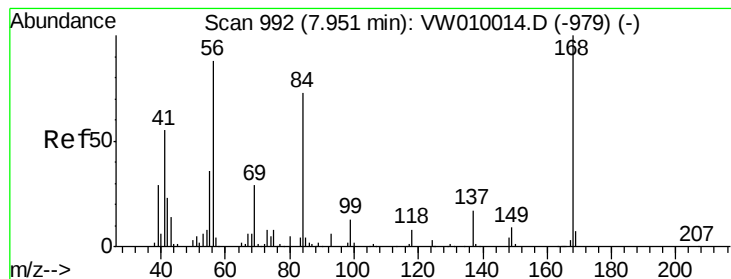
#30
Chloroform
Concen: 11.227 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion: 83 Resp: 90142
Ion Ratio Lower Upper
83 100
85 64.8 50.7 76.1



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





#31

Cyclohexane

Concen: 11.176 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

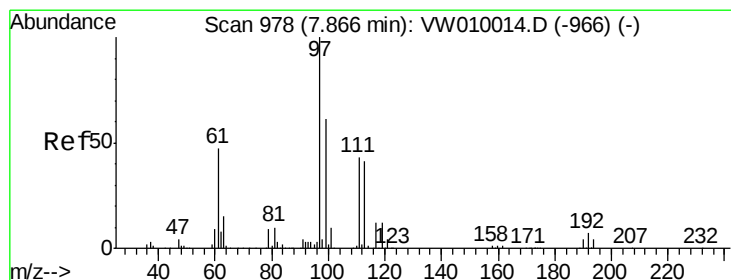
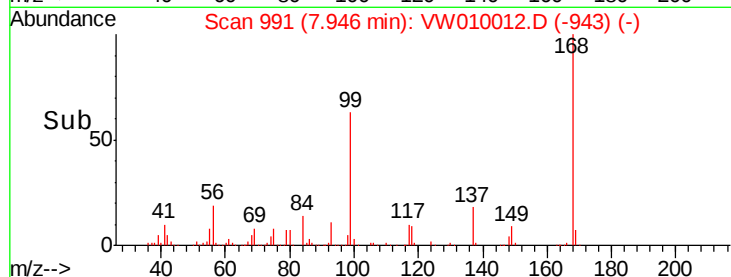
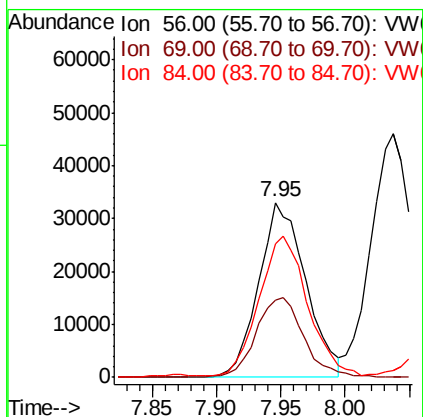
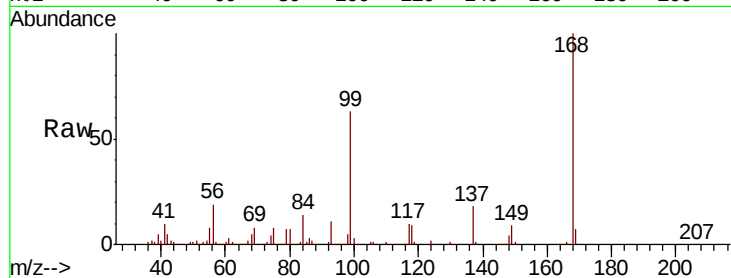
Tgt Ion: 56 Resp: 83851

Ion Ratio Lower Upper

56 100

69 44.1 26.6 40.0#

84 75.6 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 11.025 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

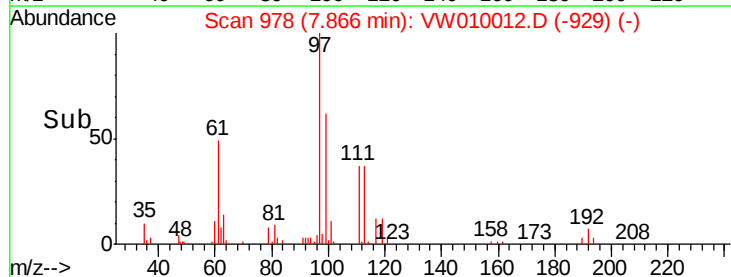
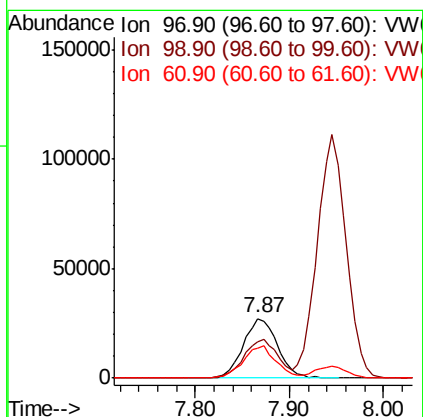
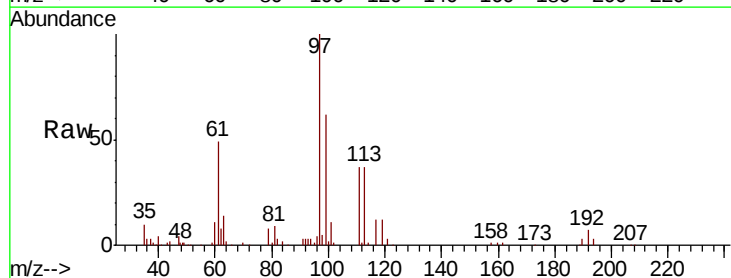
Tgt Ion: 97 Resp: 69486

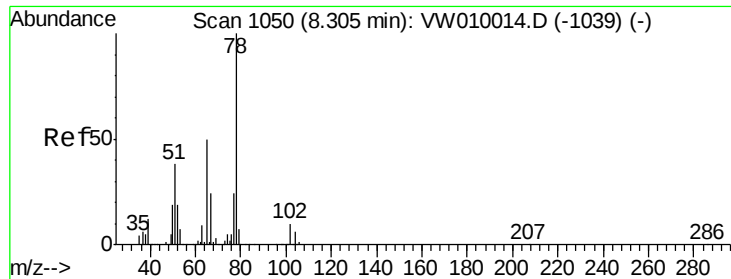
Ion Ratio Lower Upper

97 100

99 64.7 50.2 75.2

61 51.1 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 10.521 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

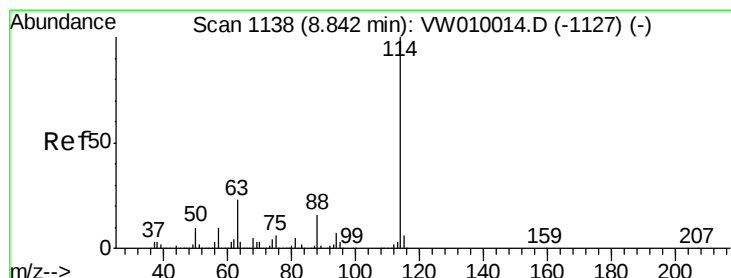
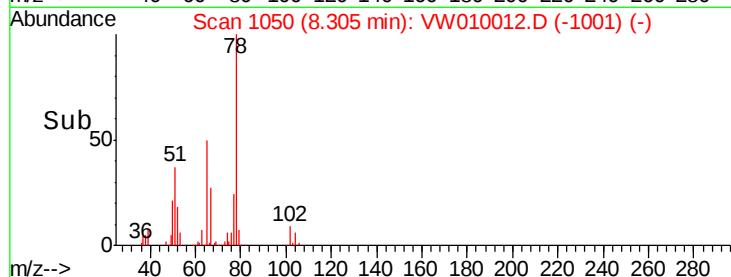
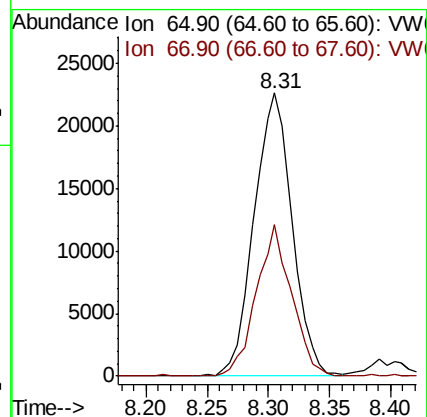
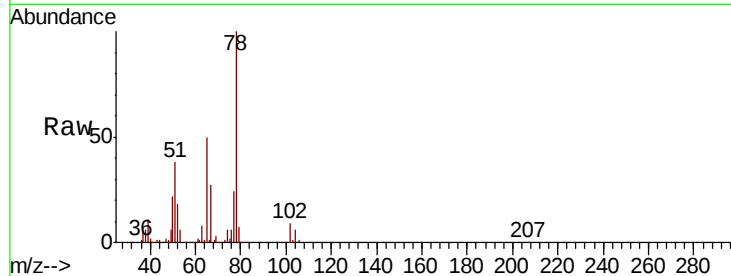
VSTDIC010

Tgt Ion: 65 Resp: 48812

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

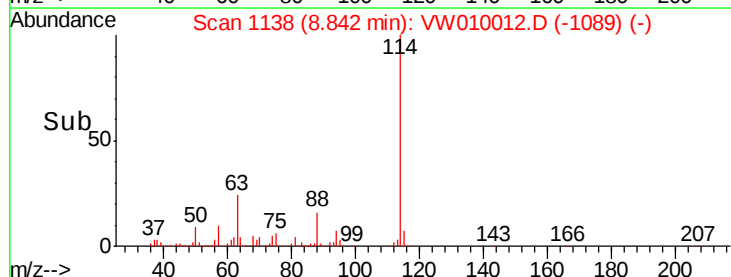
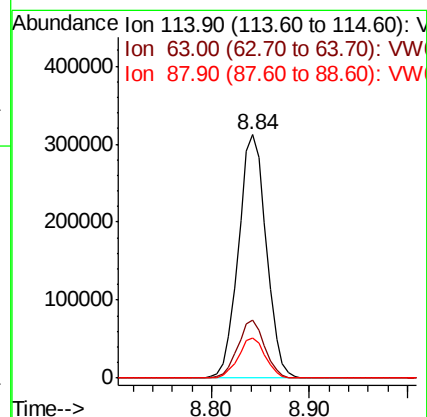
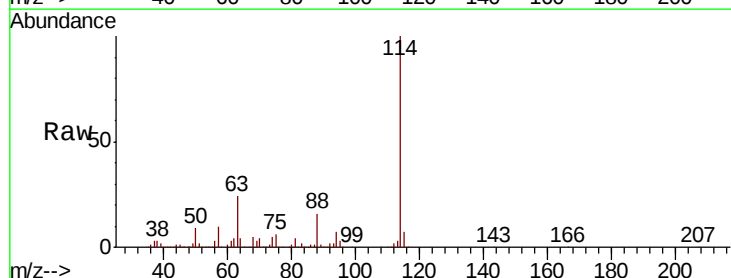
Tgt Ion: 114 Resp: 612493

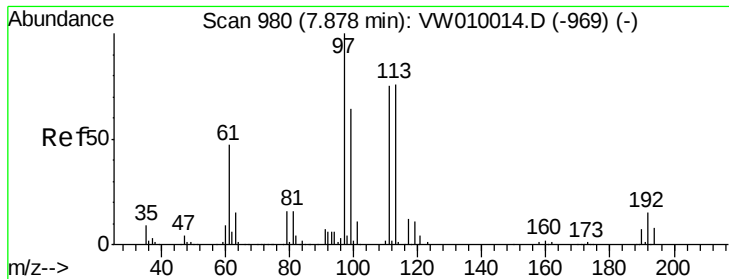
Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.2

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 10.070 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

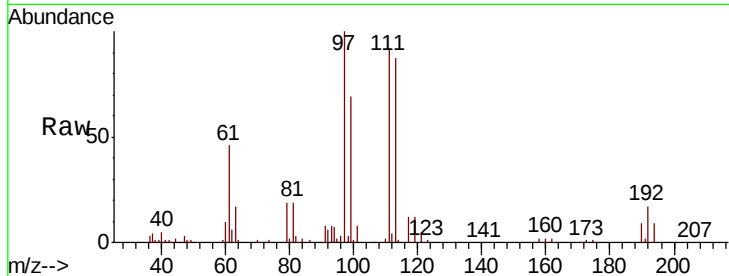
Tgt Ion:113 Resp: 39213

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

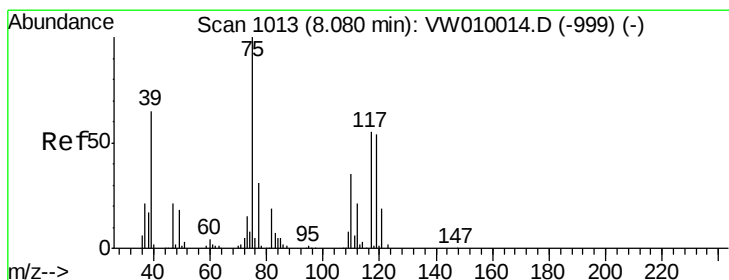
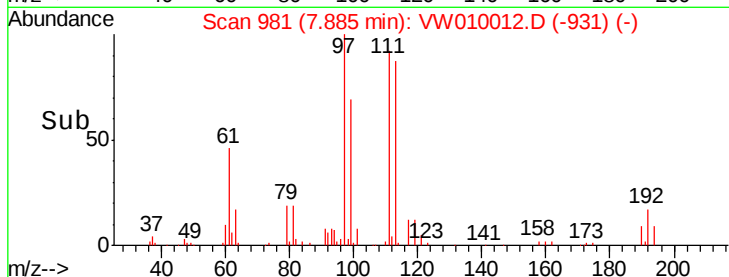
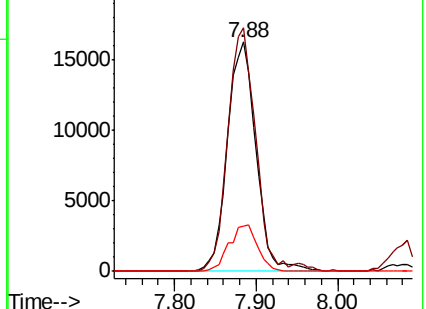
192 20.0 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 10.890 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

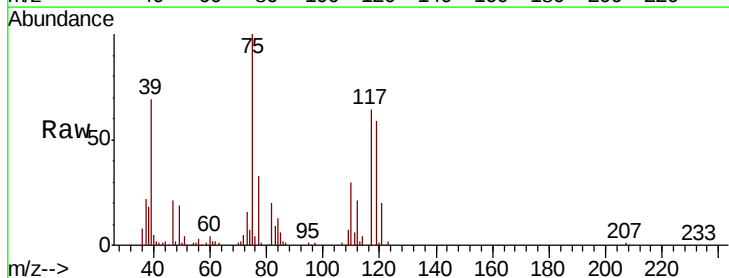
Tgt Ion: 75 Resp: 68134

Ion Ratio Lower Upper

75 100

110 32.0 16.6 49.8

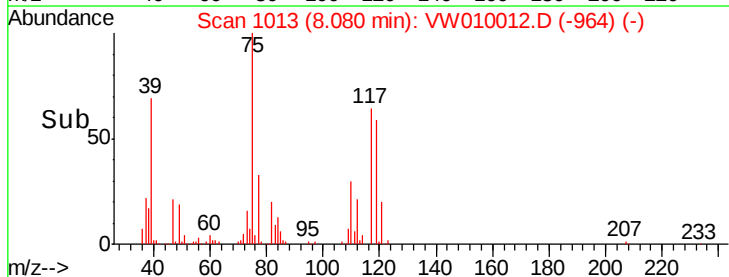
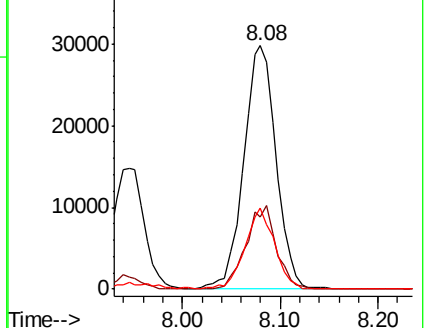
77 30.6 24.8 37.2

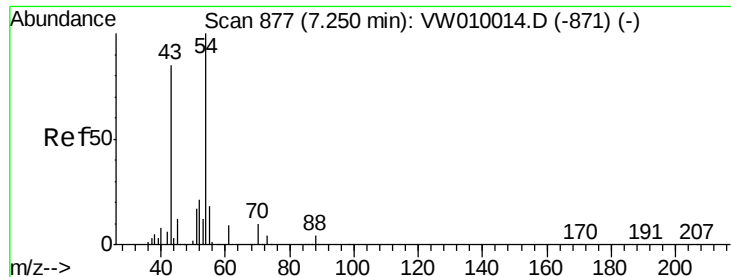


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

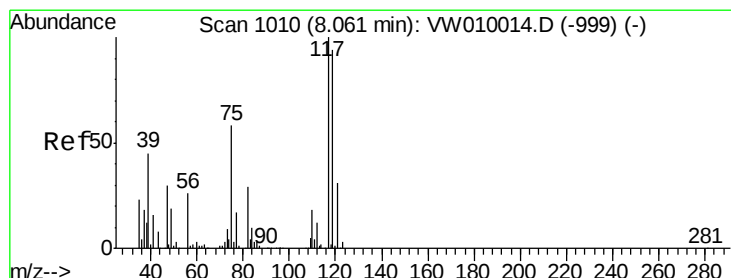
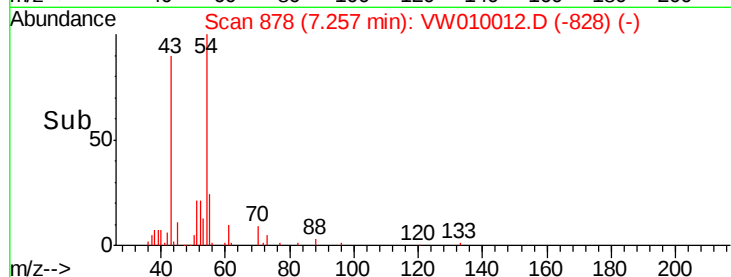
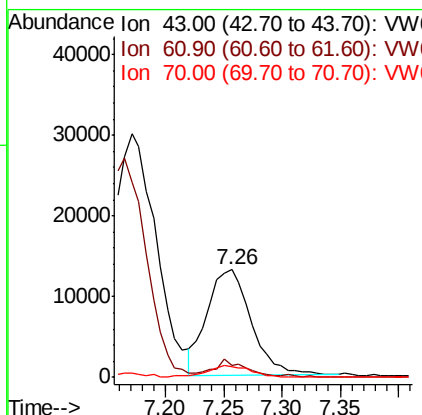
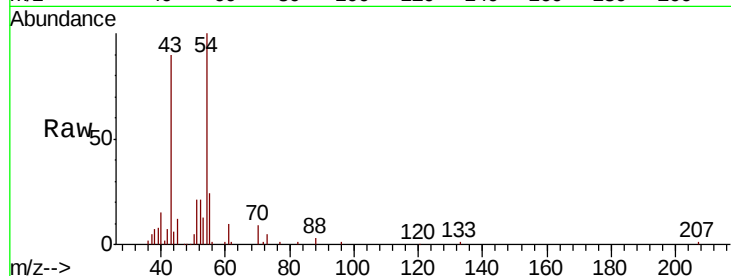




#37
Ethyl Acetate
Concen: 10.915 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

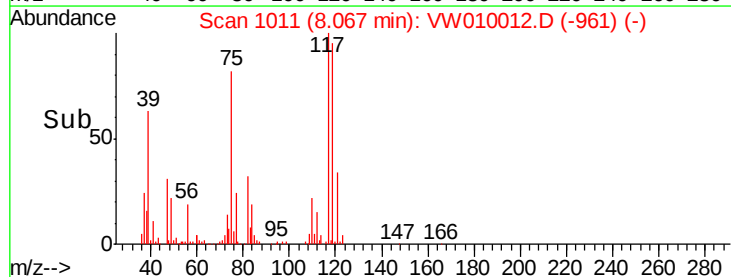
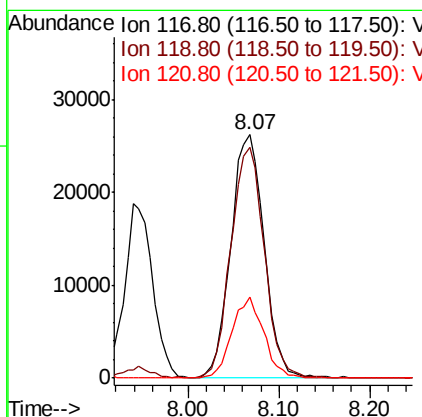
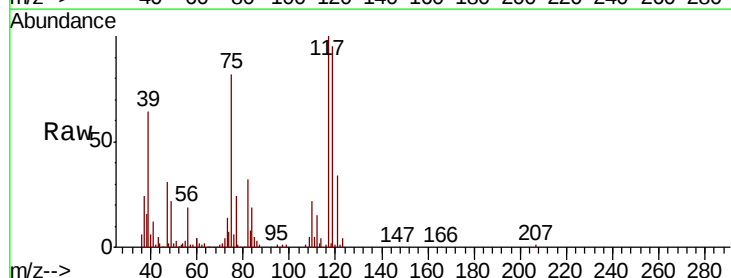
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

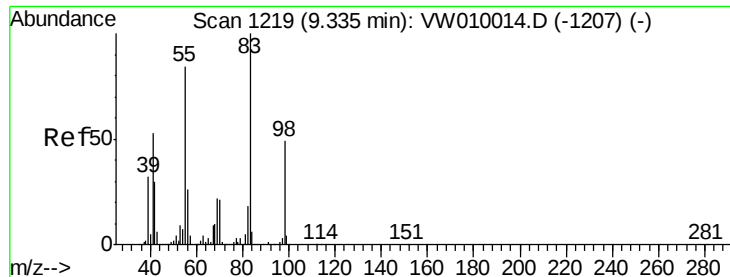
Tgt Ion: 43 Resp: 34701
Ion Ratio Lower Upper
43 100
61 12.9 9.8 14.8
70 10.8 7.4 11.0



#38
Carbon Tetrachloride
Concen: 10.944 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion: 117 Resp: 66828
Ion Ratio Lower Upper
117 100
119 94.9 75.3 112.9
121 33.5 24.4 36.6

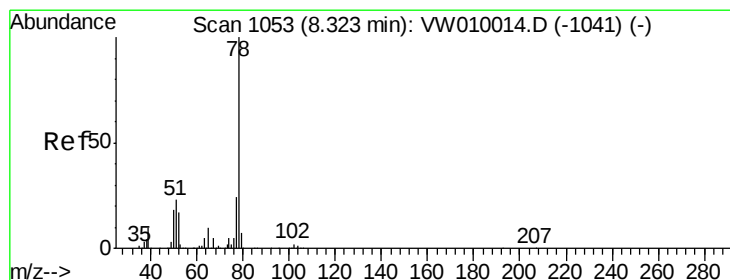
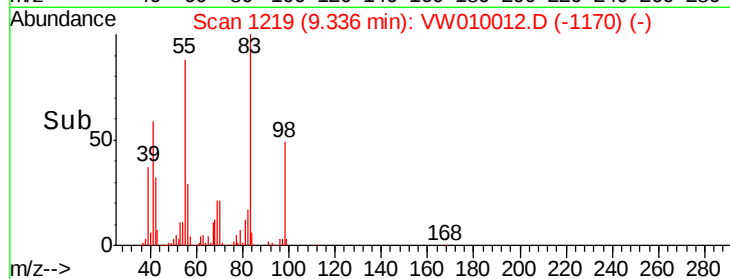
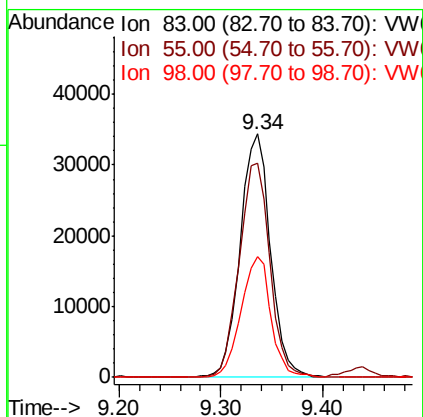
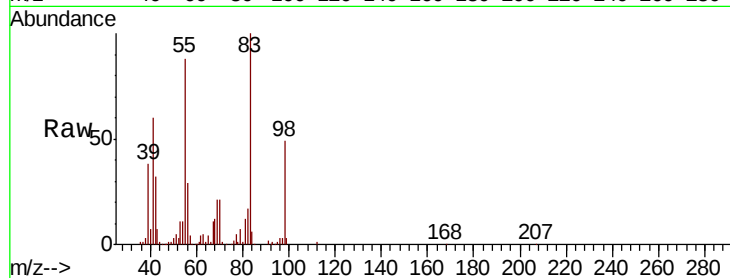




#39
Methylcyclohexane
Concen: 10.108 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

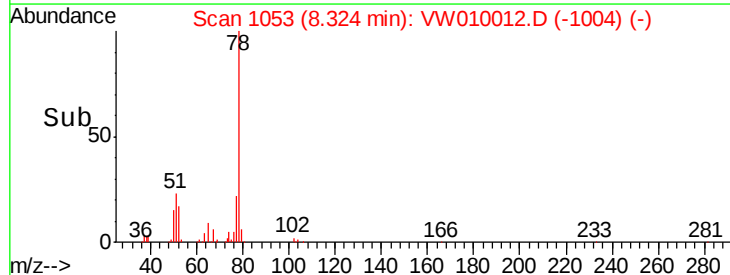
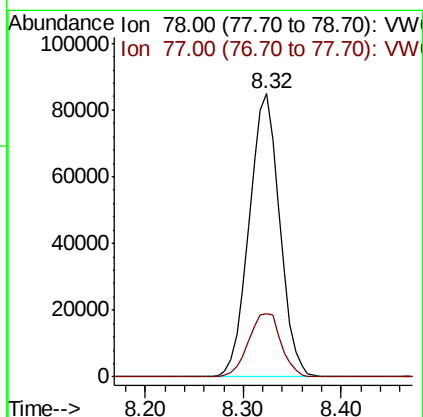
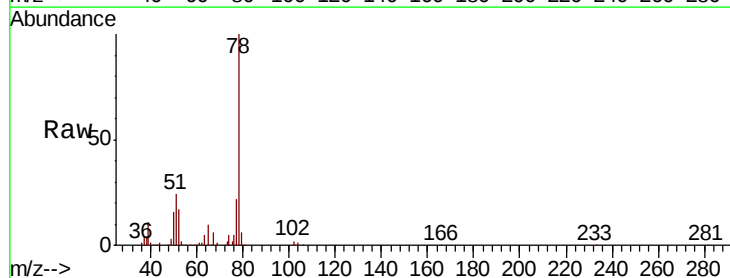
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

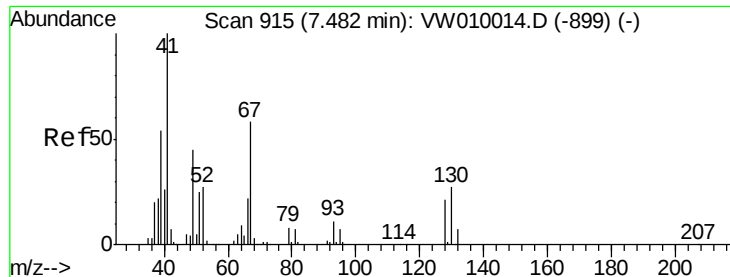
Tgt Ion: 83 Resp: 71162
Ion Ratio Lower Upper
83 100
55 88.1 67.1 100.7
98 49.4 39.2 58.8



#40
Benzene
Concen: 10.816 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion: 78 Resp: 185035
Ion Ratio Lower Upper
78 100
77 22.2 19.1 28.7





#41

Methacrylonitrile

Concen: 10.172 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 18431

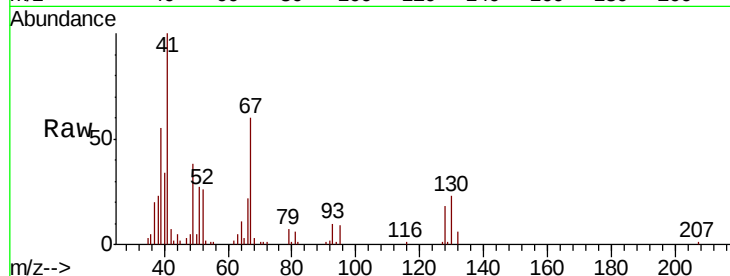
Ion Ratio Lower Upper

41 100

39 65.5 45.0 67.4

67 67.3 50.7 76.1

52 32.0 22.6 33.8

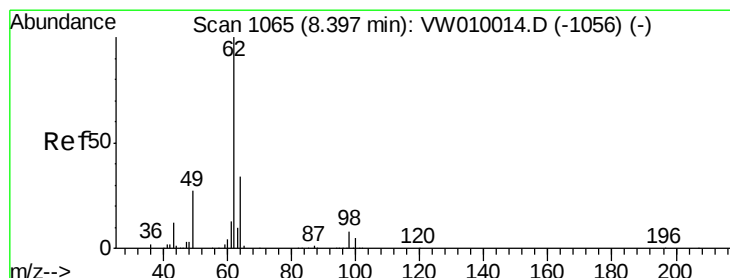
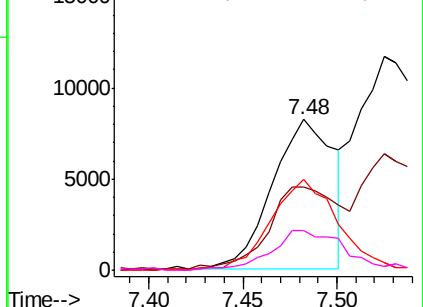
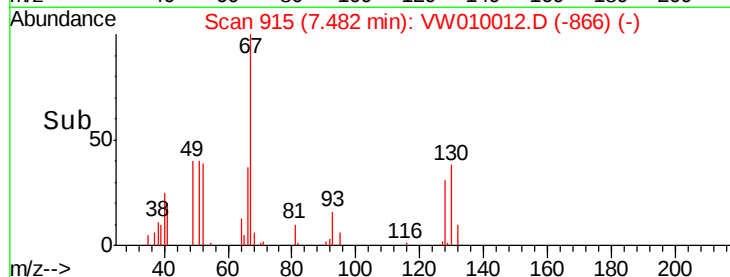


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 11.283 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW010012.D

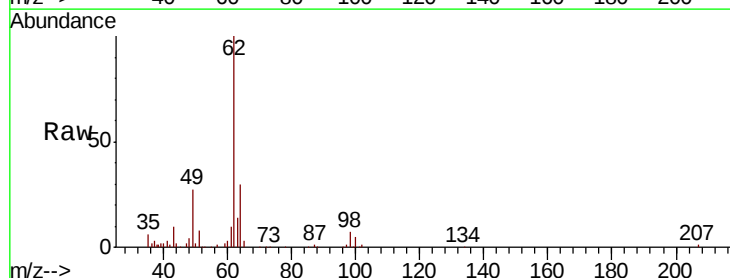
Acq: 17 Apr 2019 11:22

Tgt Ion: 62 Resp: 66332

Ion Ratio Lower Upper

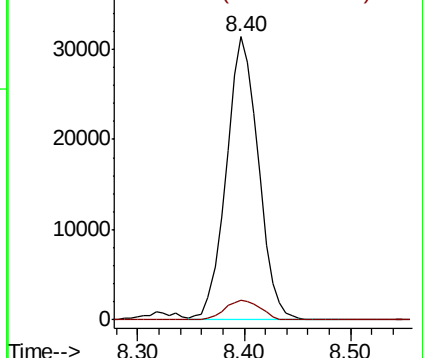
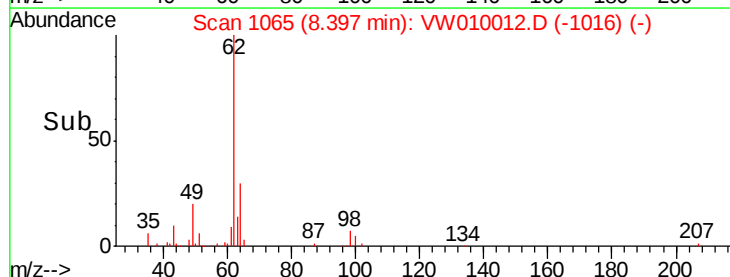
62 100

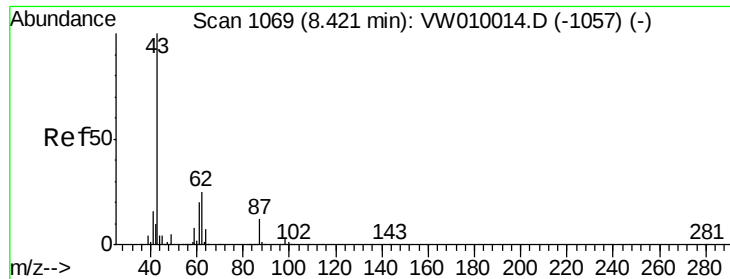
98 7.7 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 10.822 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

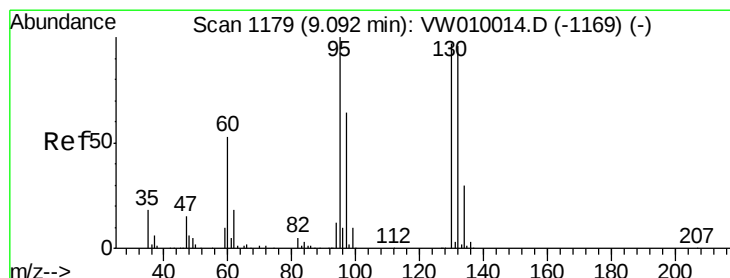
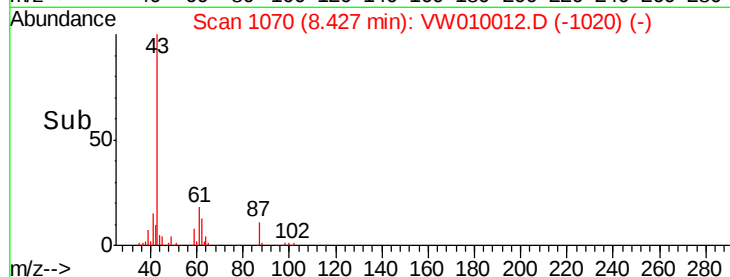
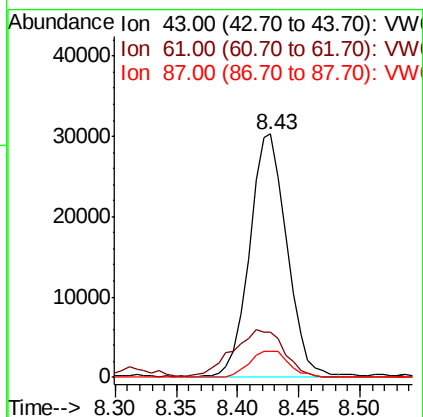
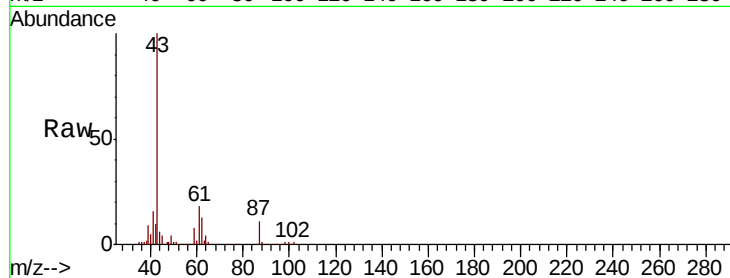
Tgt Ion: 43 Resp: 64474

Ion Ratio Lower Upper

43 100

61 27.2 23.0 34.6

87 11.6 9.3 13.9



#44

Trichloroethene

Concen: 10.700 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010012.D

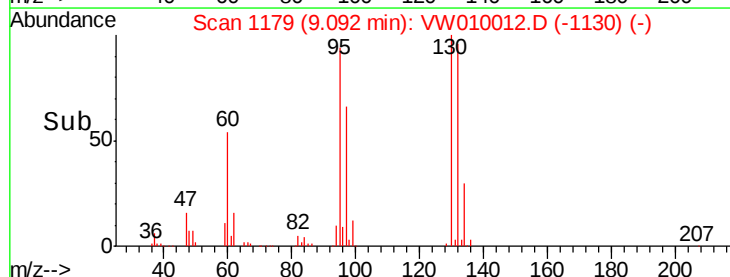
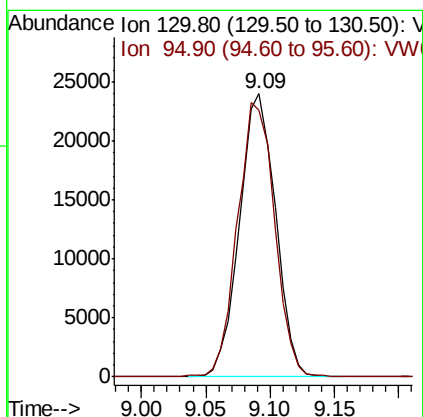
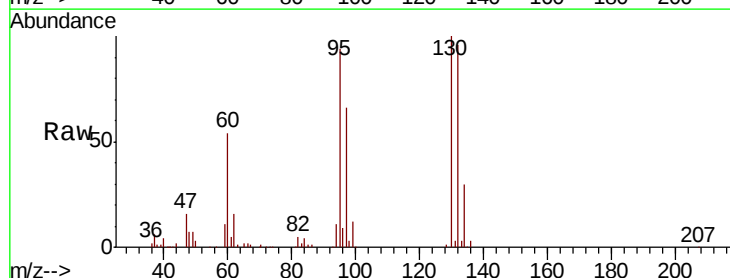
Acq: 17 Apr 2019 11:22

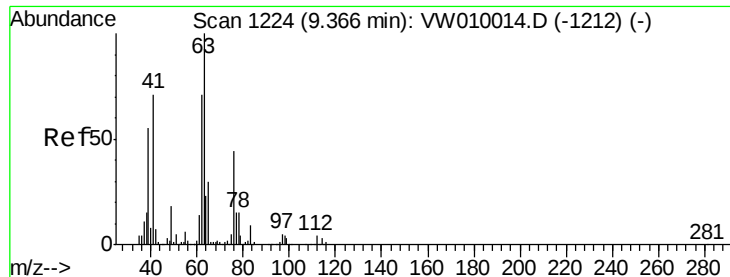
Tgt Ion: 130 Resp: 46489

Ion Ratio Lower Upper

130 100

95 94.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 11.064 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampled :

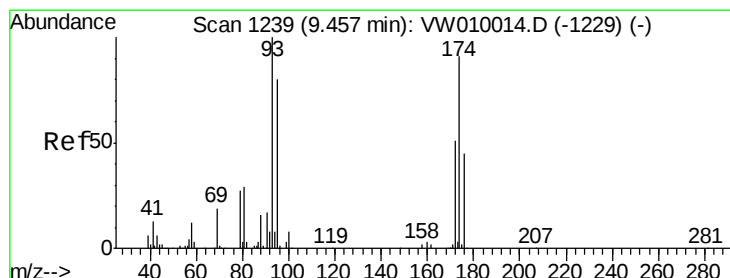
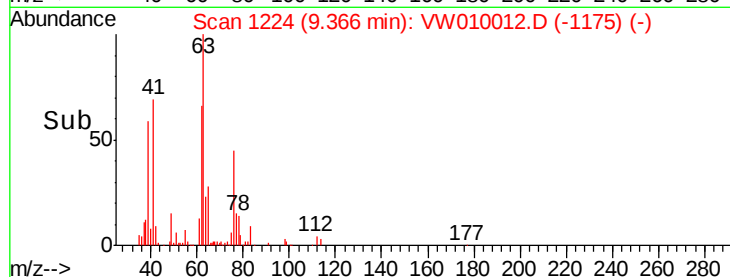
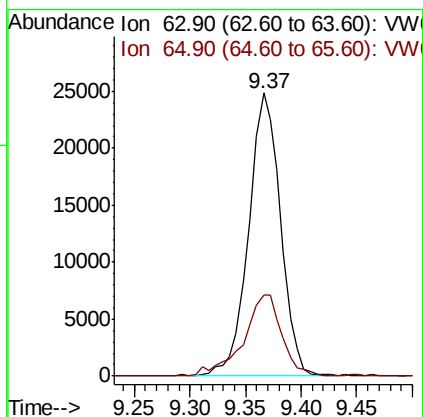
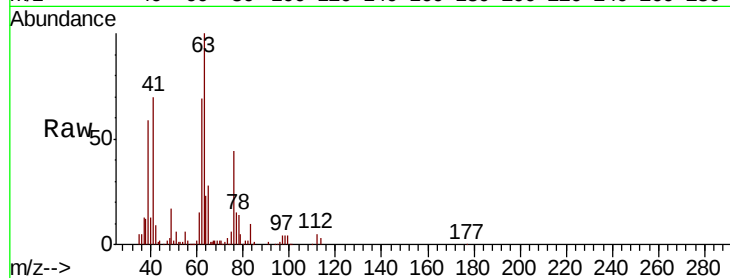
VSTDIC010

Tgt Ion: 63 Resp: 49751

Ion Ratio Lower Upper

63 100

65 28.5 23.8 35.6



#46

Dibromomethane

Concen: 10.856 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

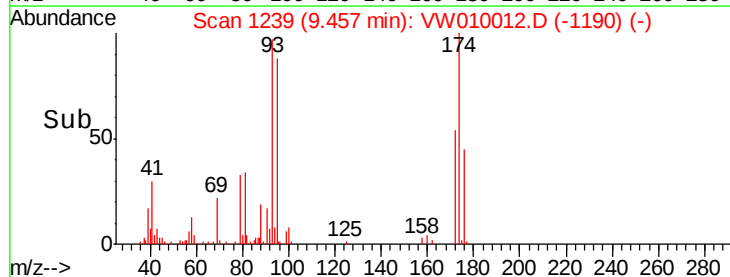
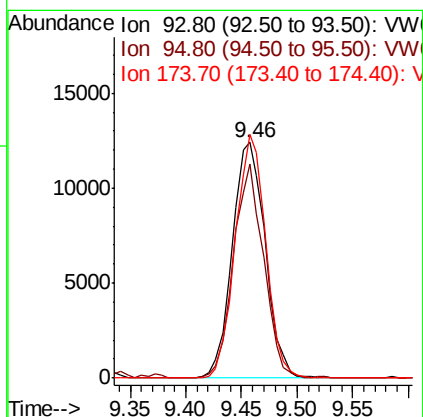
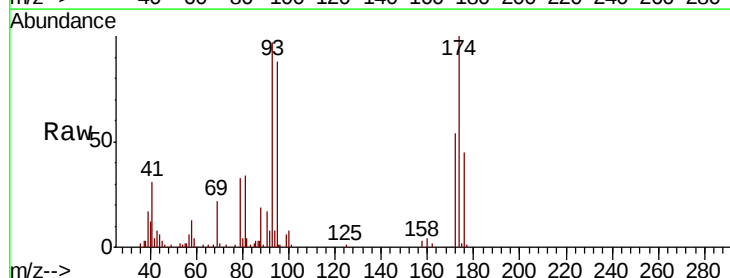
Tgt Ion: 93 Resp: 25300

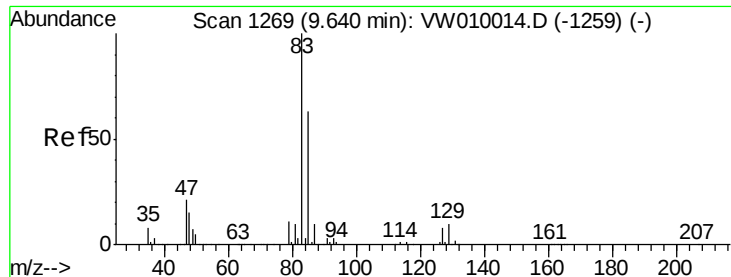
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 95.9 75.5 113.3

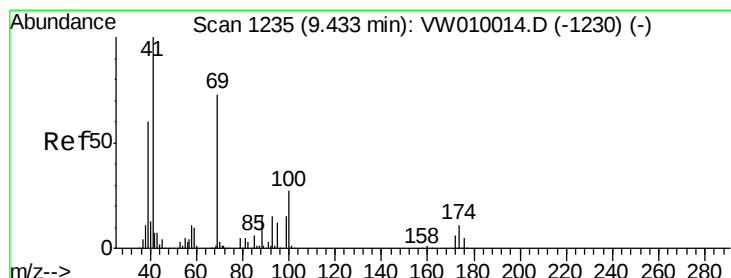
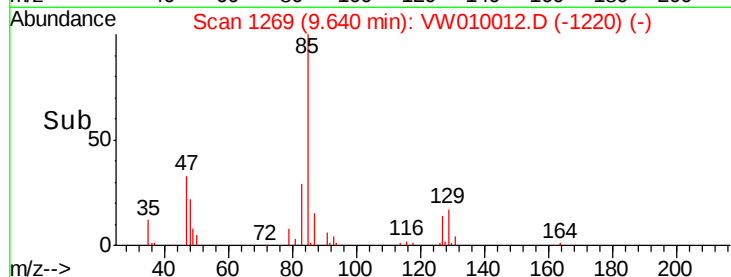
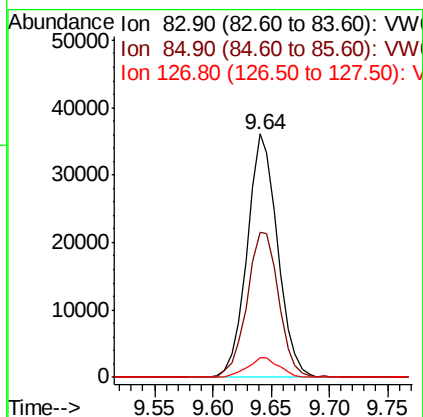
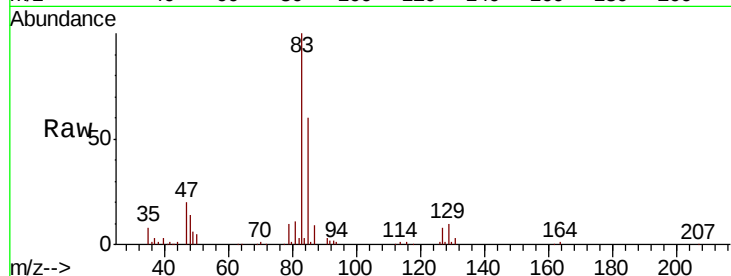




#47
Bromodichloromethane
Concen: 10.943 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

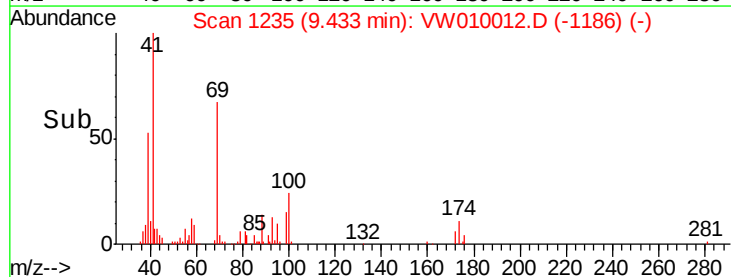
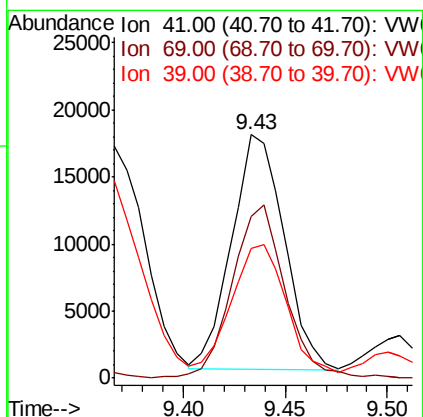
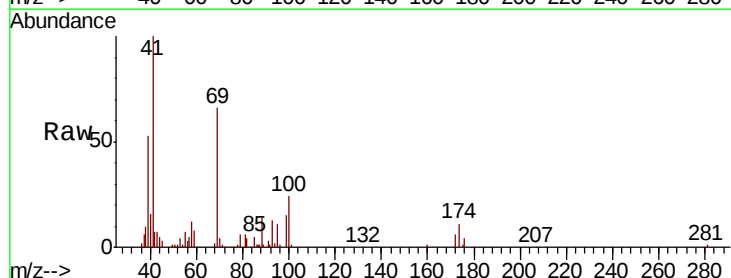
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

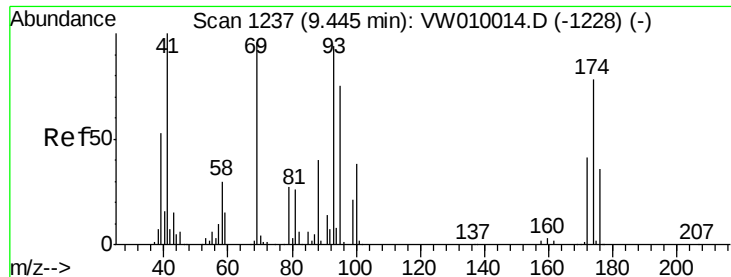
Tgt Ion: 83 Resp: 65834
Ion Ratio Lower Upper
83 100
85 59.8 50.6 75.8
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 10.786 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion: 41 Resp: 31278
Ion Ratio Lower Upper
41 100
69 74.5 60.1 90.1
39 56.7 51.0 76.6

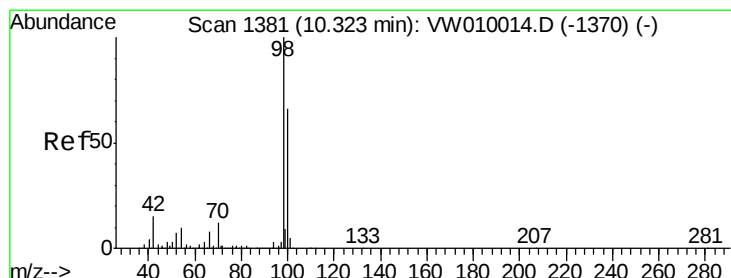
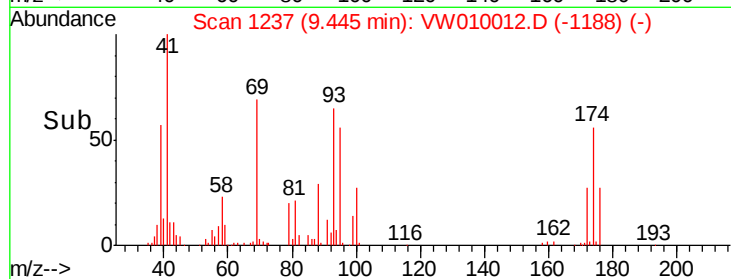
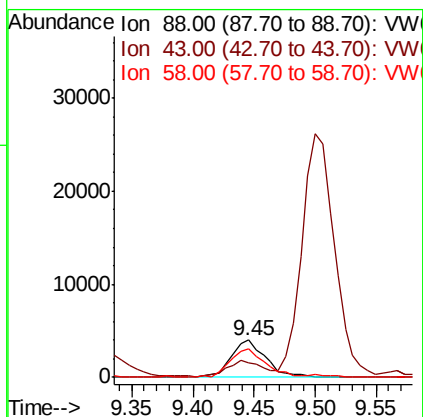
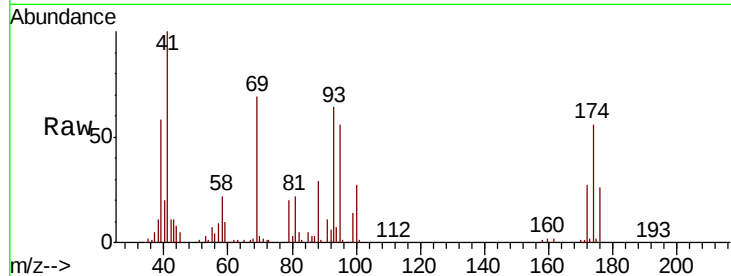




#49
1,4-Dioxane
Concen: 220.833 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

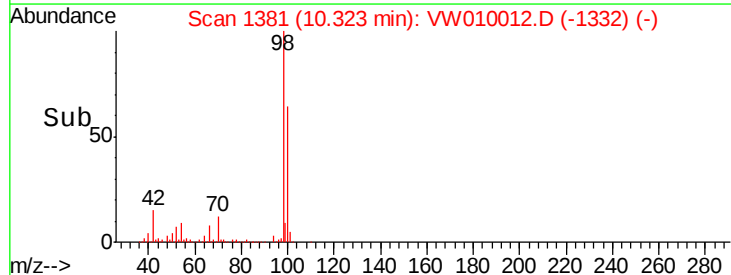
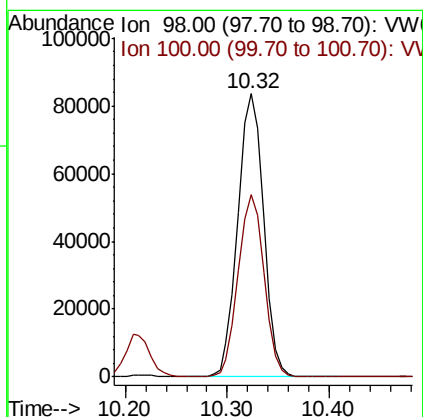
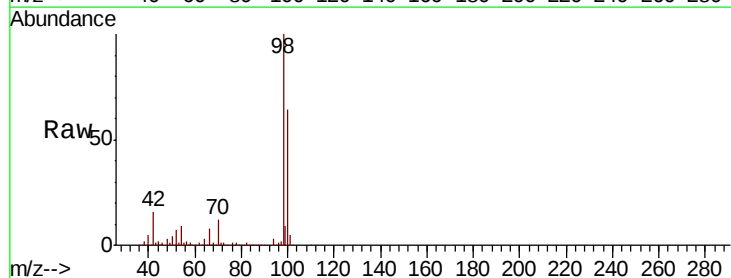
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

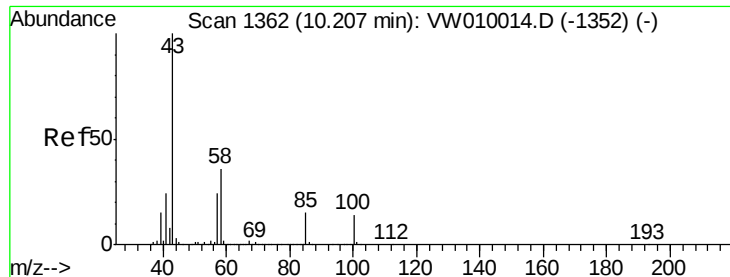
Tgt Ion: 88 Resp: 7864
Ion Ratio Lower Upper
88 100
43 41.8 31.9 47.9
58 78.4 61.8 92.6



#50
Toluene-d8
Concen: 10.051 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion: 98 Resp: 146665
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

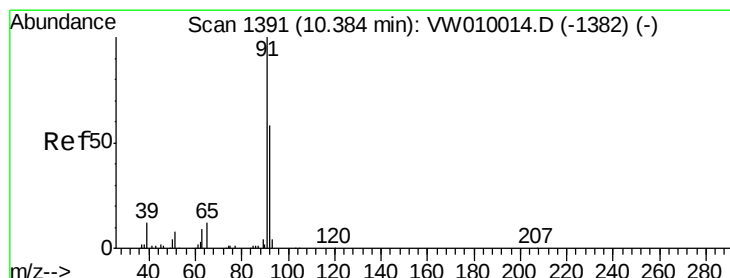
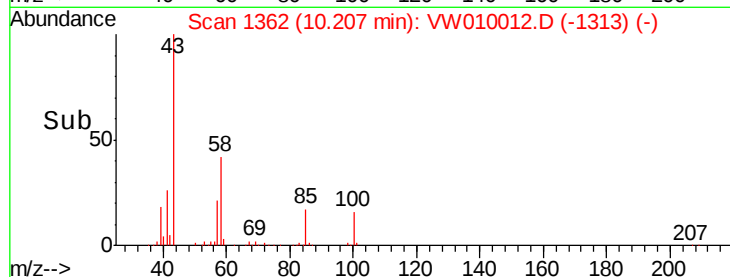
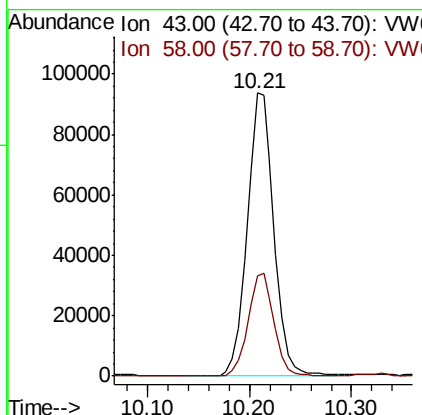
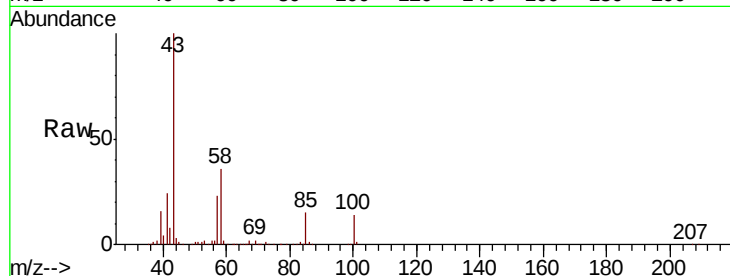




#51
 4-Methyl-2-Pentanone
 Concen: 54.082 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

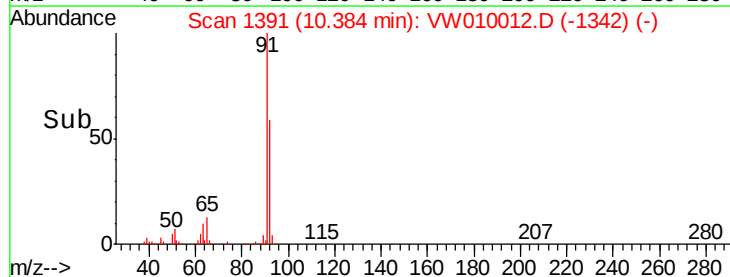
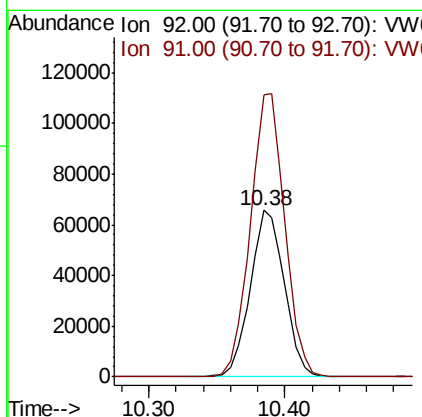
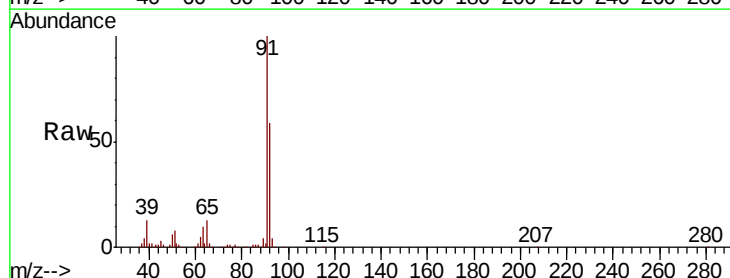
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

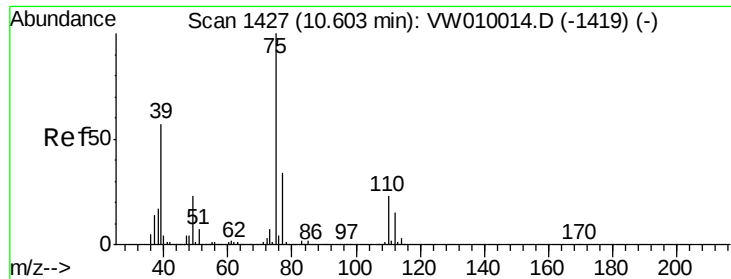
Tgt Ion: 43 Resp: 168751
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.9 43.3



#52
 Toluene
 Concen: 10.847 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion: 92 Resp: 115588
 Ion Ratio Lower Upper
 92 100
 91 171.6 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 10.440 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

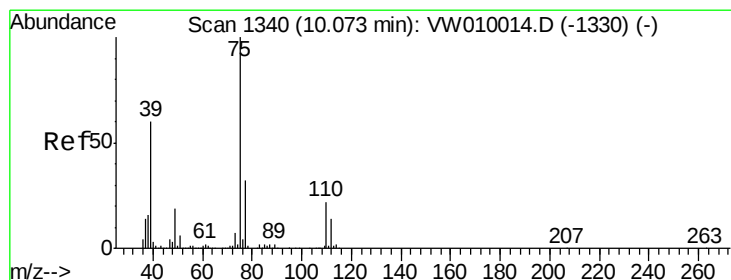
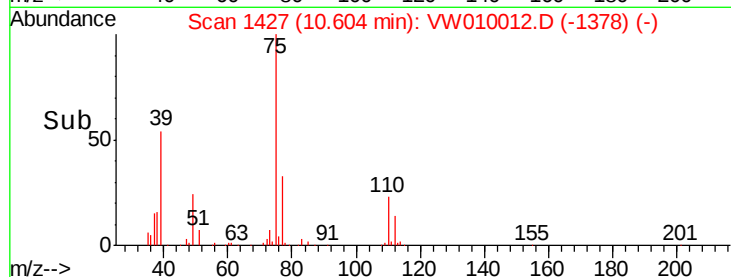
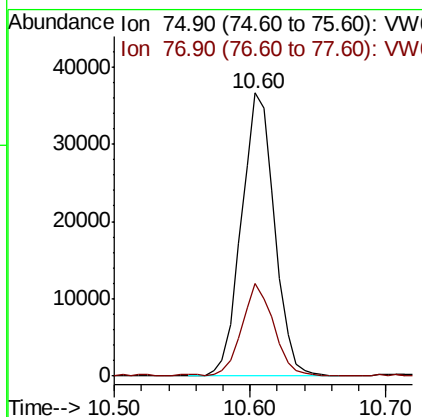
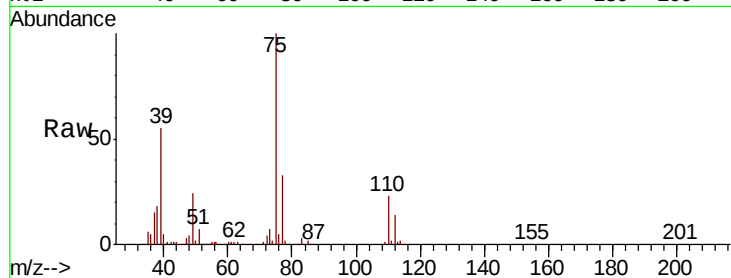
VSTDIC010

Tgt Ion: 75 Resp: 62269

Ion Ratio Lower Upper

75 100

77 32.2 26.9 40.3



#54

cis-1,3-Dichloropropene

Concen: 10.315 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

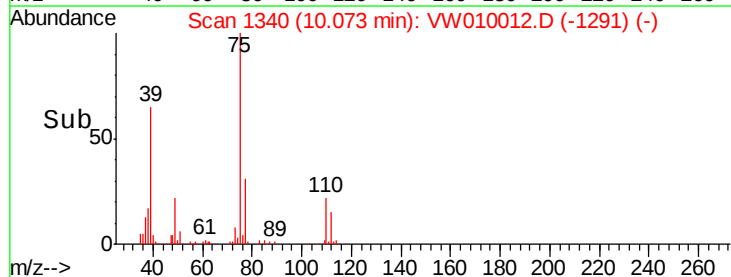
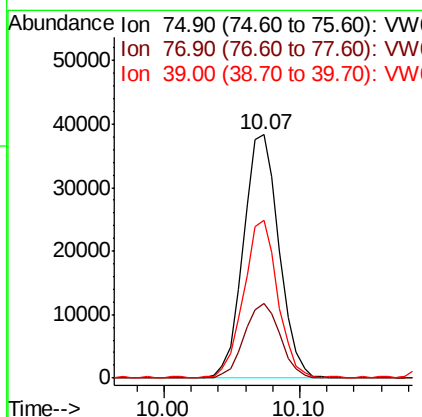
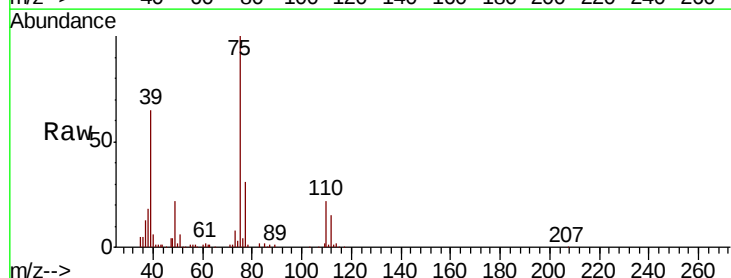
Tgt Ion: 75 Resp: 70251

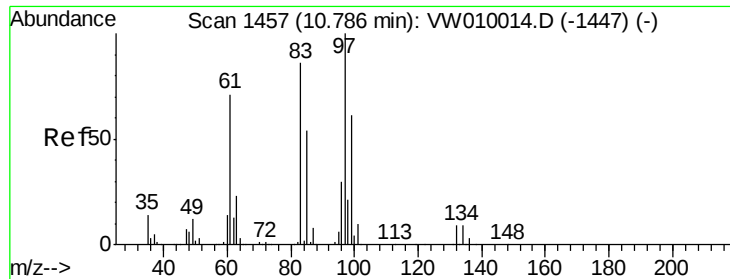
Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

39 64.7 47.8 71.6

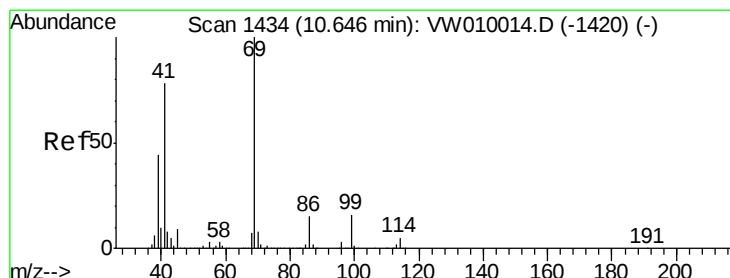
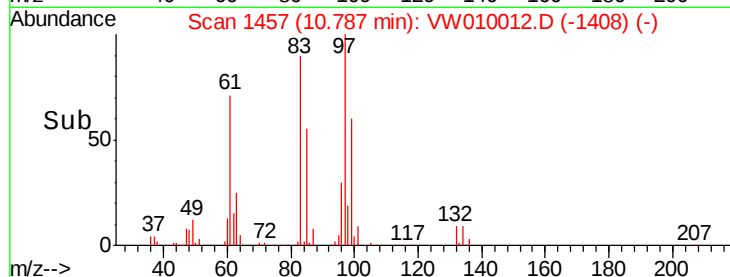
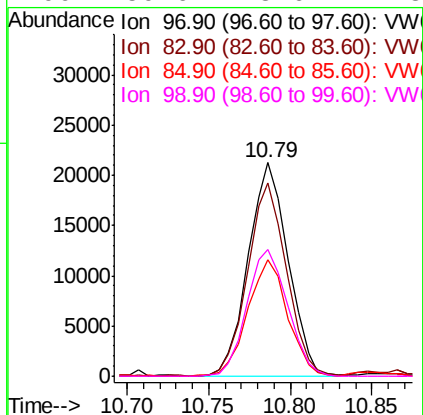
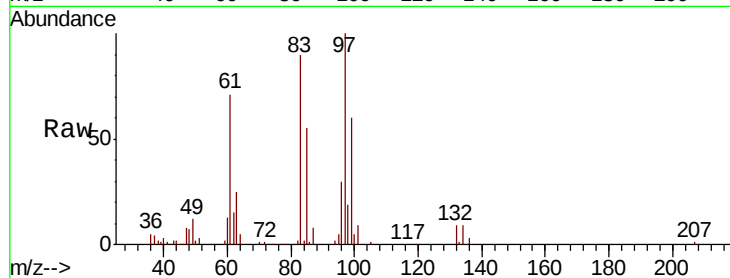




#55
 1,1,2-Trichloroethane
 Concen: 11.104 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

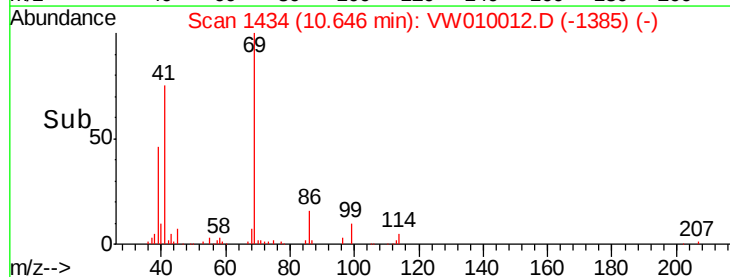
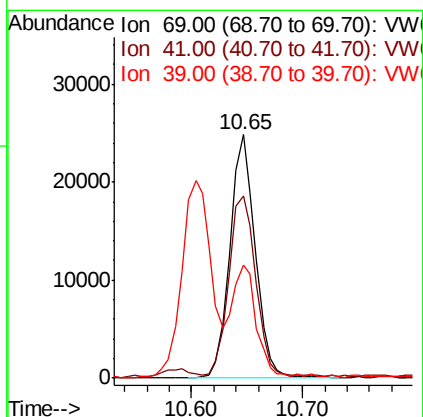
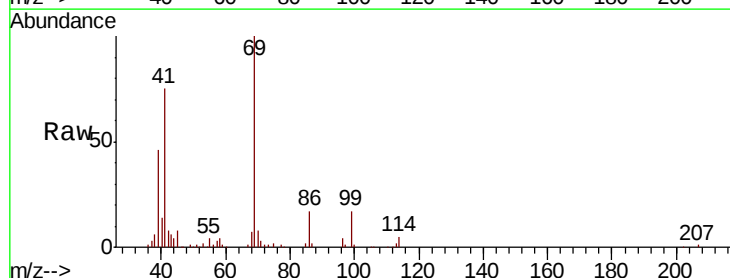
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

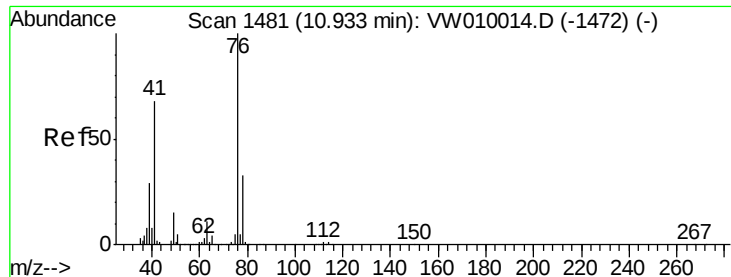
Tgt Ion:	97	Resp:	36120
Ion	Ratio	Lower	Upper
97	100		
83	90.4	68.9	103.3
85	54.5	42.9	64.3
99	59.6	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 9.649 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion:	69	Resp:	39017
Ion	Ratio	Lower	Upper
69	100		
41	80.1	61.0	91.6
39	43.7	33.8	50.6

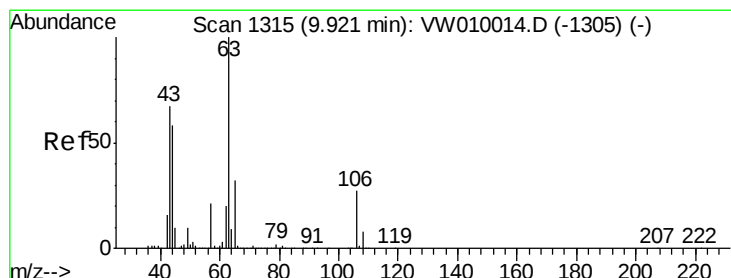
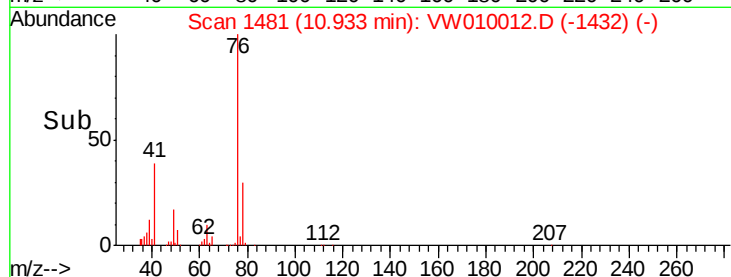
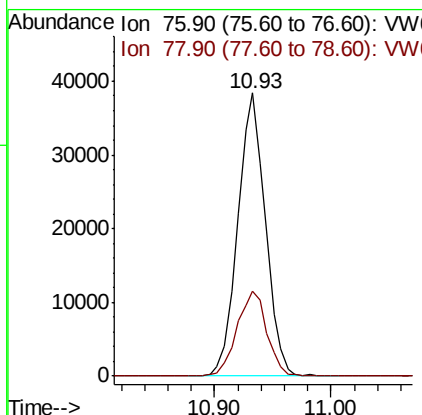
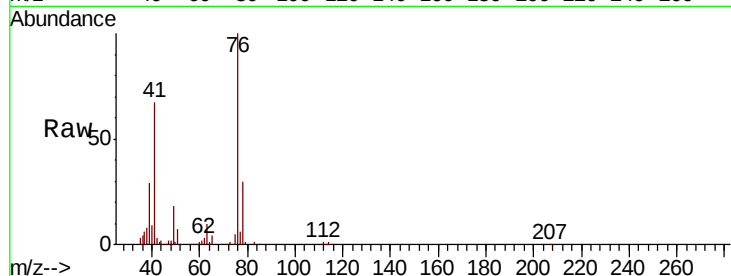




#57
 1,3-Dichloropropane
 Concen: 10.881 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

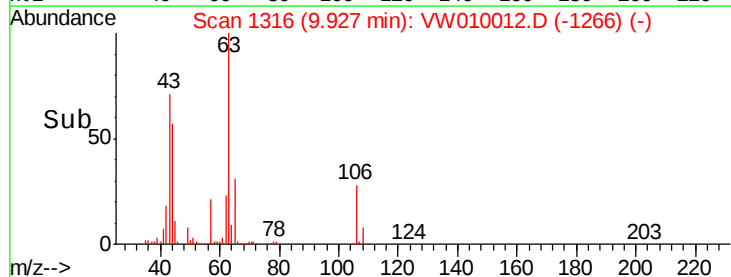
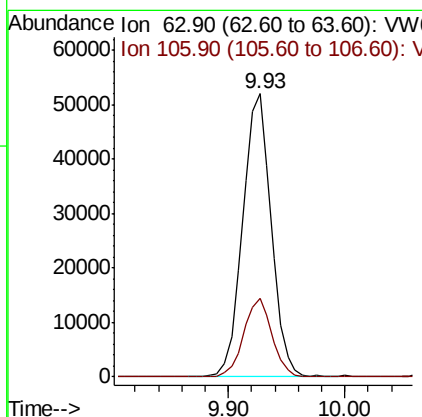
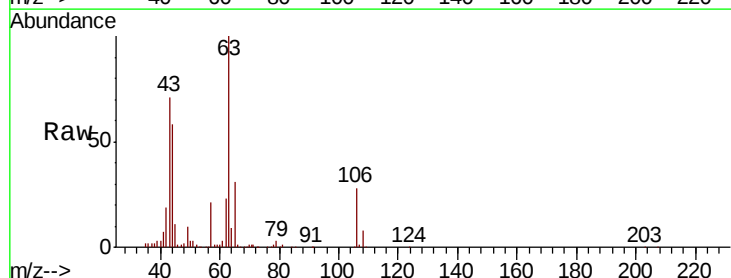
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

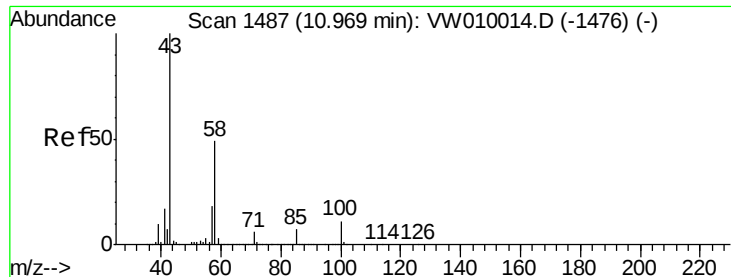
Tgt Ion: 76 Resp: 63438
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 45.764 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion: 63 Resp: 88951
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.4 32.0

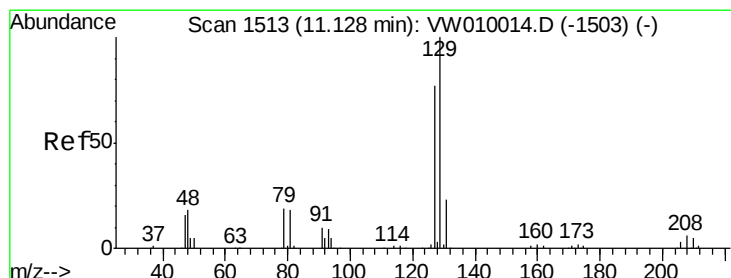
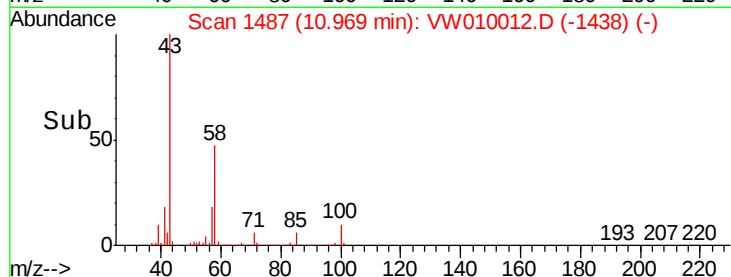
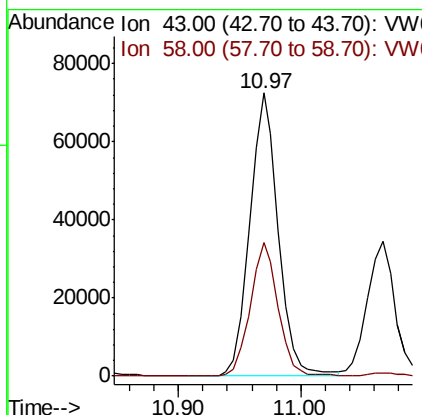
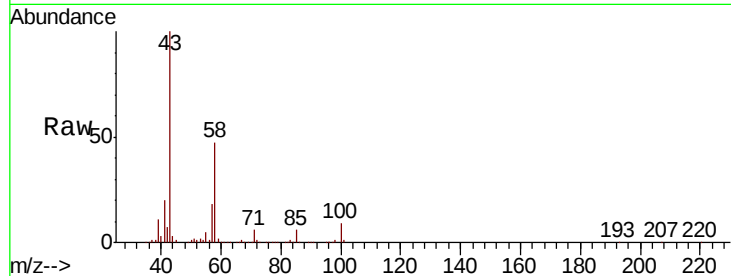




#59
2-Hexanone
Concen: 54.257 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

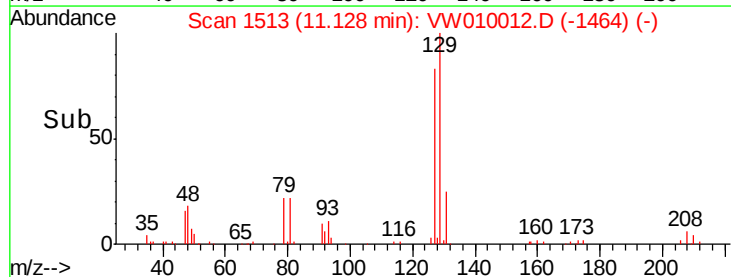
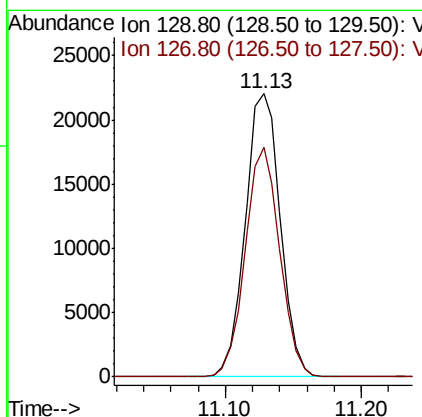
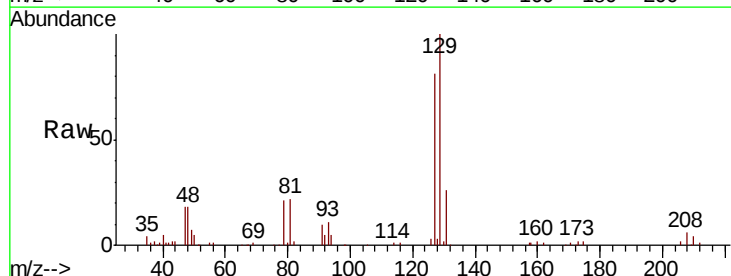
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

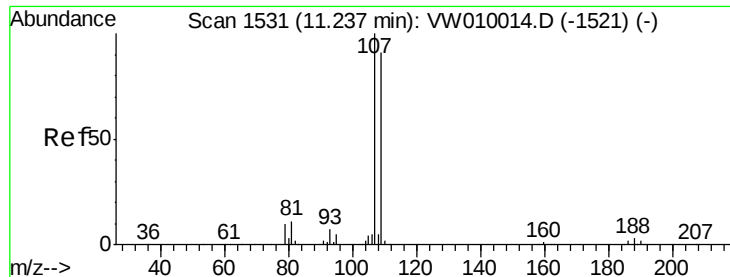
Tgt Ion: 43 Resp: 117849
Ion Ratio Lower Upper
43 100
58 45.9 24.9 74.7



#60
Dibromochloromethane
Concen: 10.575 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion: 129 Resp: 39758
Ion Ratio Lower Upper
129 100
127 79.9 38.6 116.0

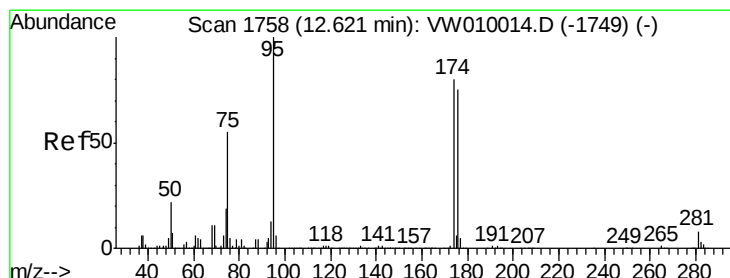
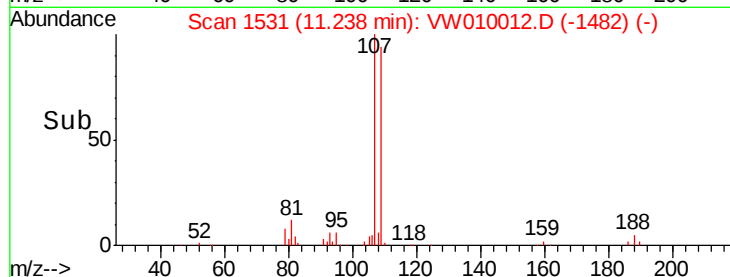
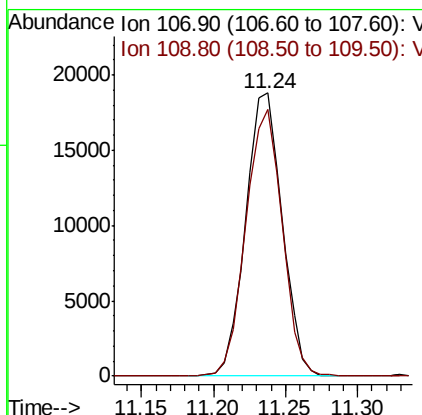
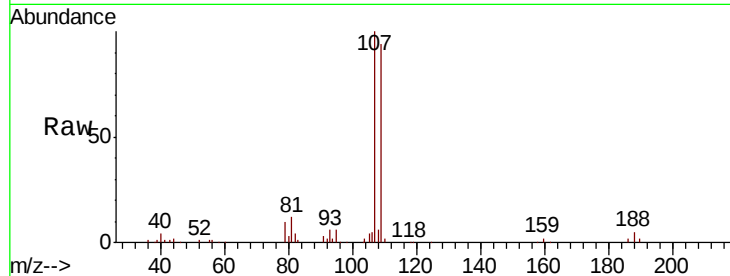




#61
 1,2-Dibromoethane
 Concen: 10.653 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

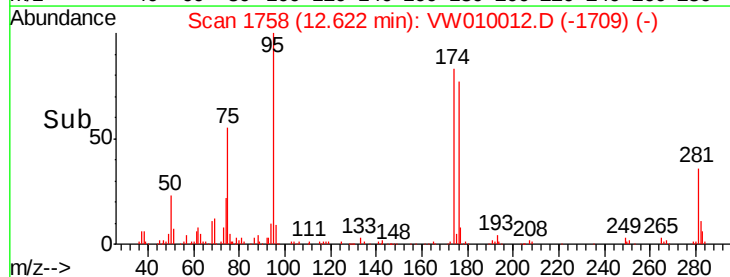
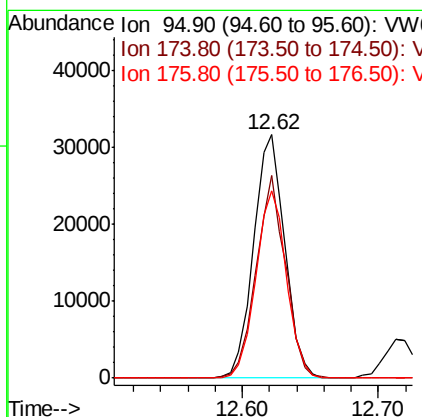
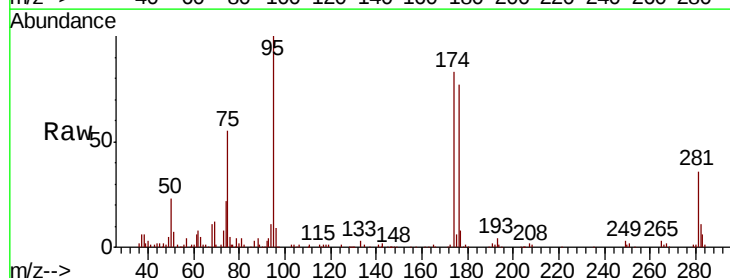
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

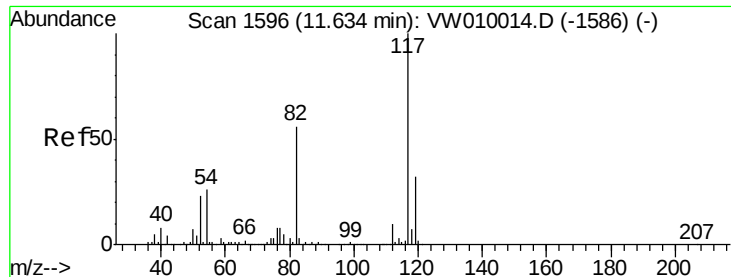
Tgt Ion: 107 Resp: 32965
 Ion Ratio Lower Upper
 107 100
 109 93.8 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 9.622 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion: 95 Resp: 51034
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 151.4
 176 75.4 0.0 146.2

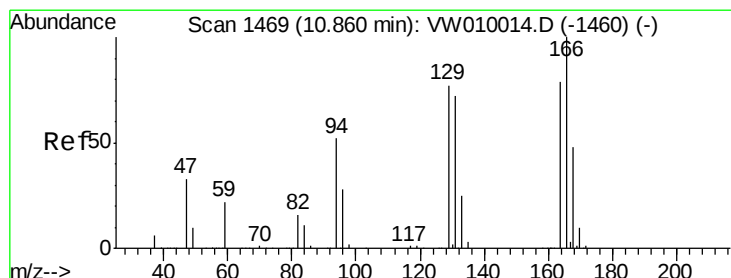
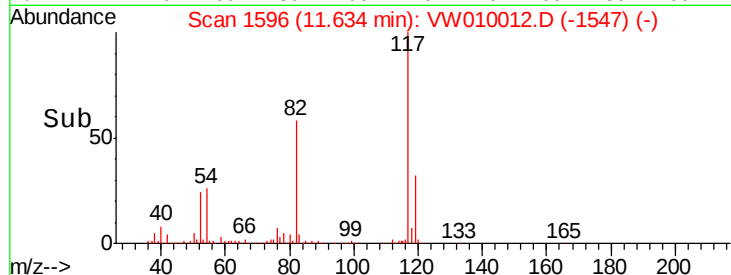
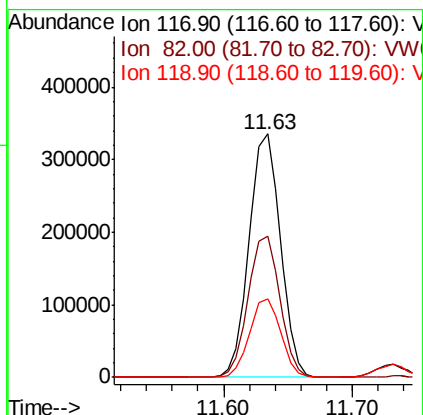
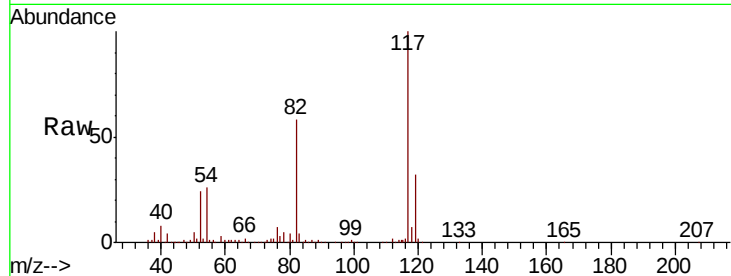




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

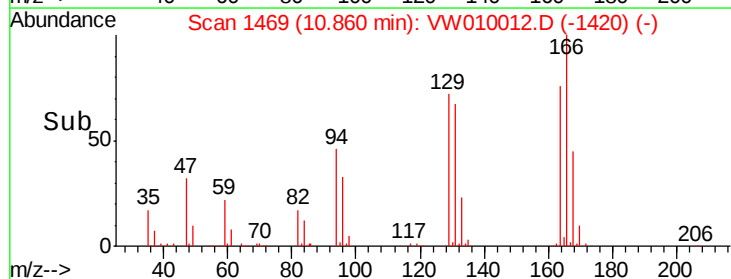
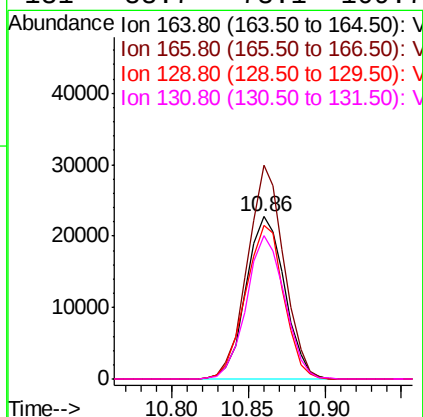
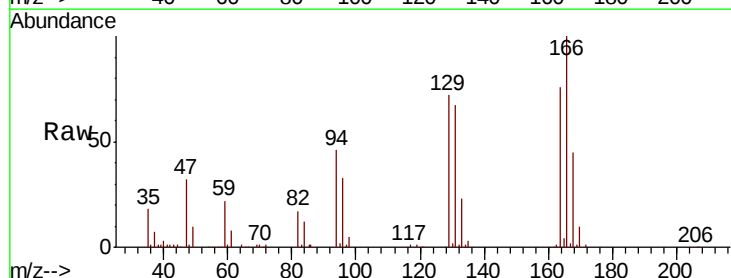
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

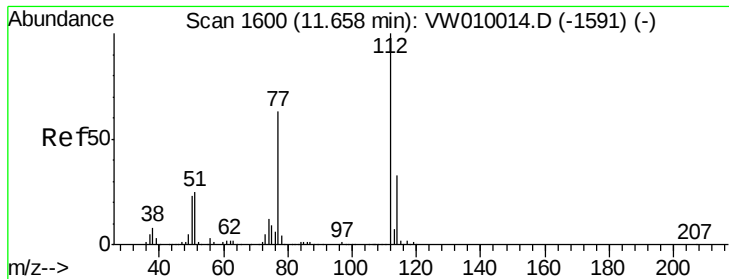
Tgt Ion:117 Resp: 563609
Ion Ratio Lower Upper
117 100
82 58.2 45.2 67.8
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 10.889 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion:164 Resp: 39840
Ion Ratio Lower Upper
164 100
166 131.7 101.2 151.8
129 94.6 77.8 116.6
131 88.7 73.1 109.7

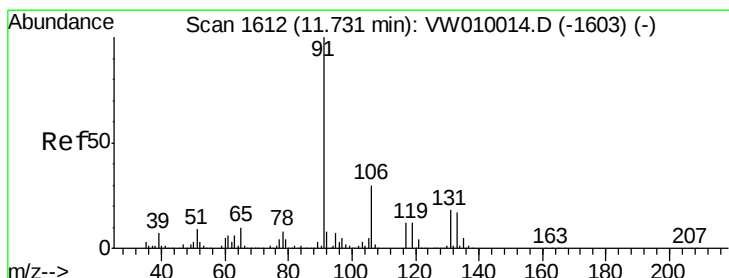
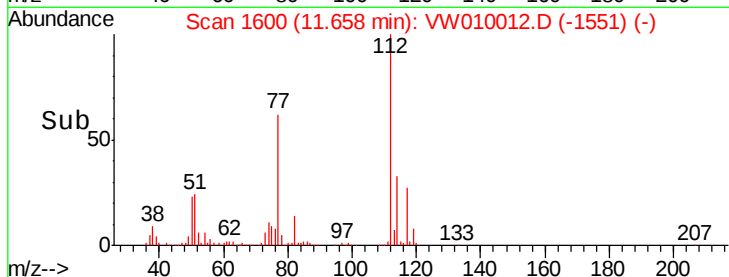
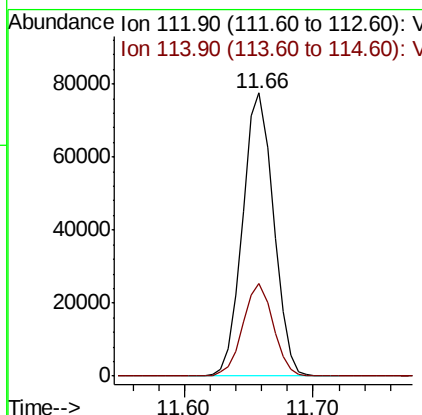
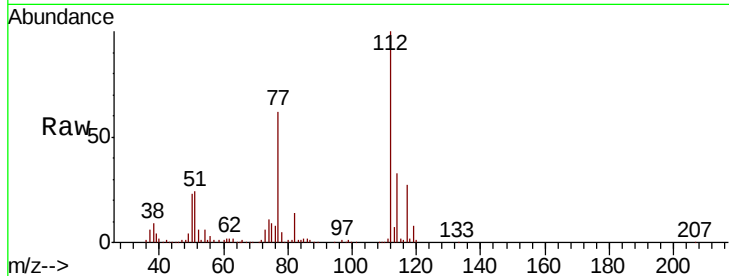




#65
Chlorobenzene
Concen: 11.158 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

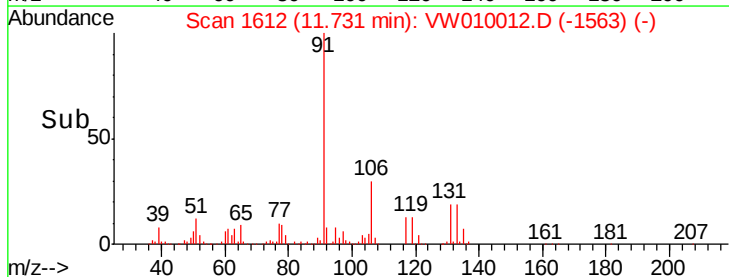
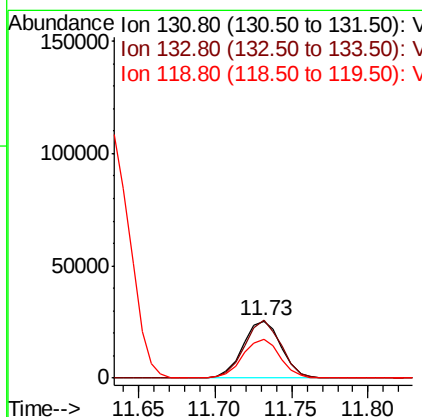
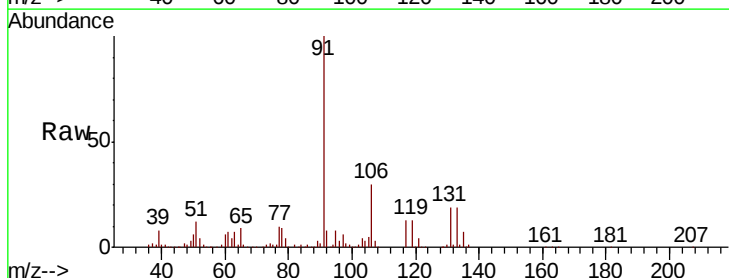
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

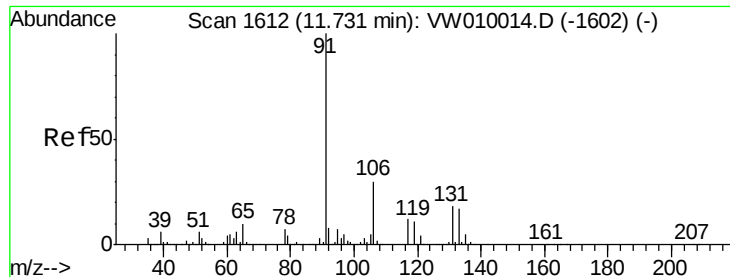
Tgt Ion:112 Resp: 128719
Ion Ratio Lower Upper
112 100
114 32.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.836 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion:131 Resp: 44699
Ion Ratio Lower Upper
131 100
133 96.4 46.5 139.5
119 66.3 31.9 95.5

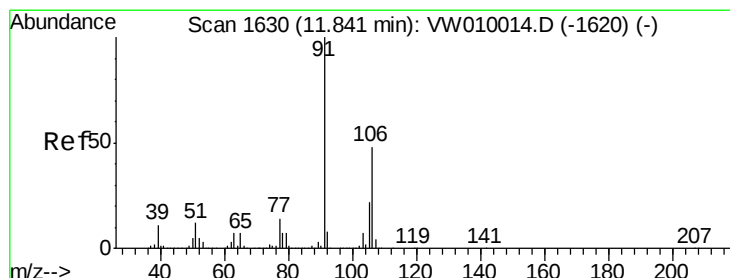
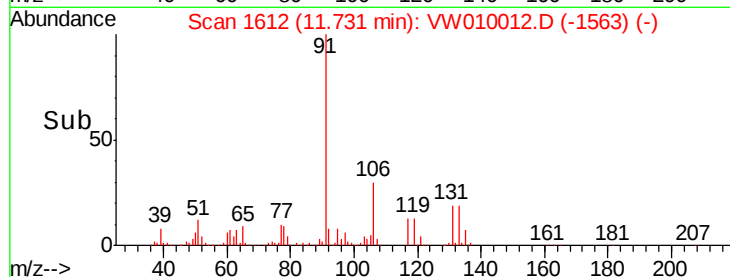
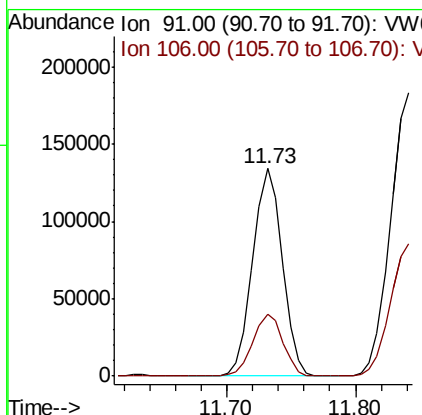
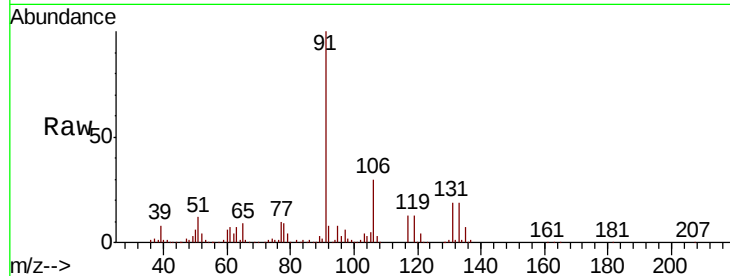




#67
Ethyl Benzene
Concen: 10.348 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

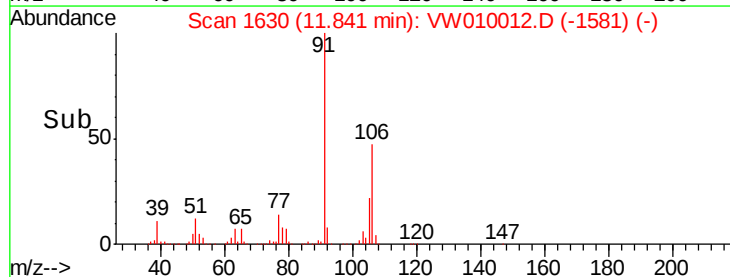
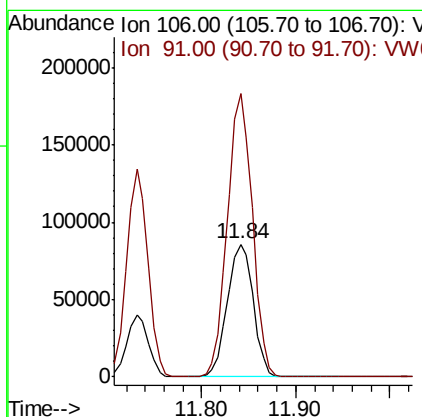
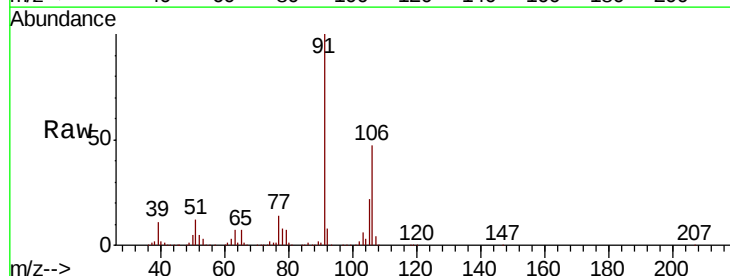
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

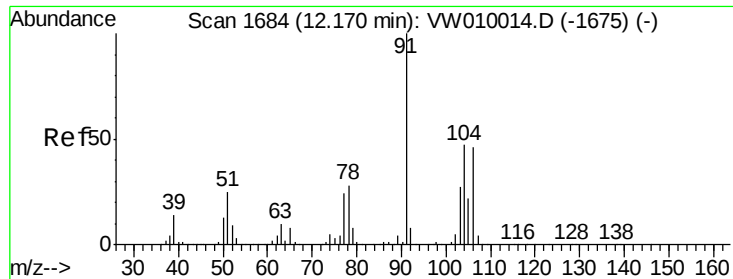
Tgt Ion: 91 Resp: 212979
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 21.274 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion: 106 Resp: 163668
Ion Ratio Lower Upper
106 100
91 206.0 165.0 247.6

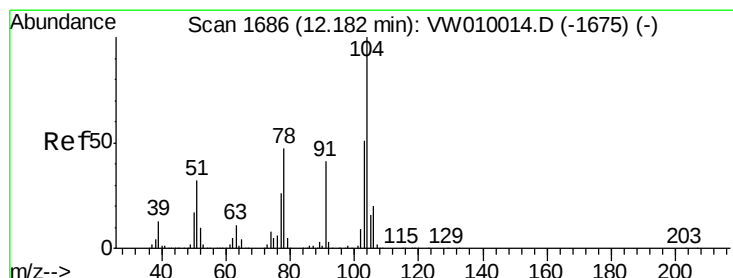
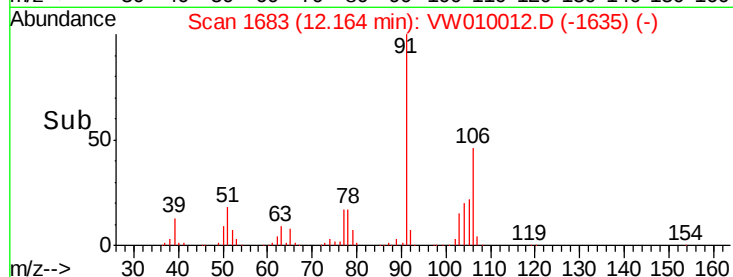
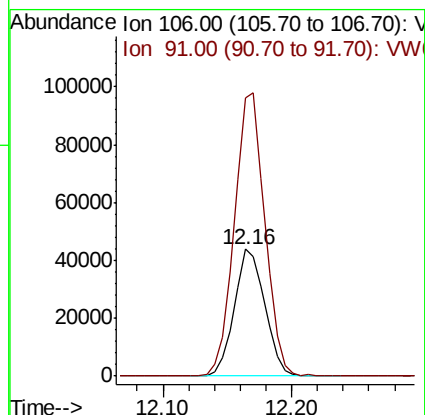
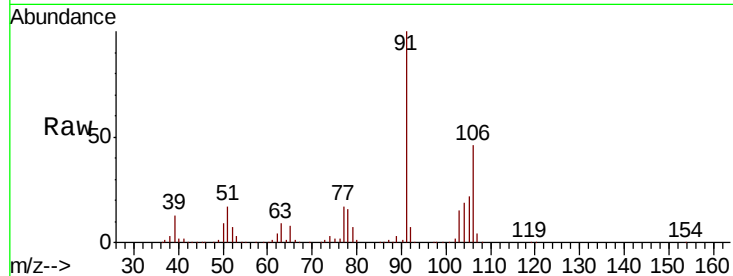




#69
o-Xylene
Concen: 10.298 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

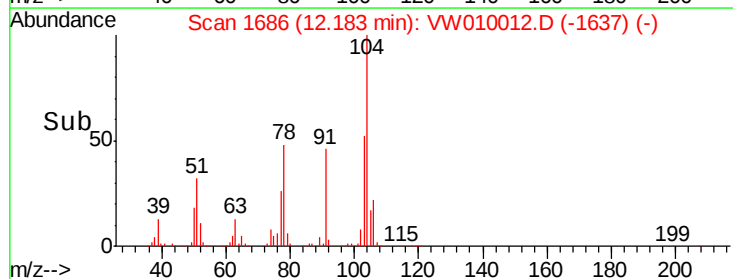
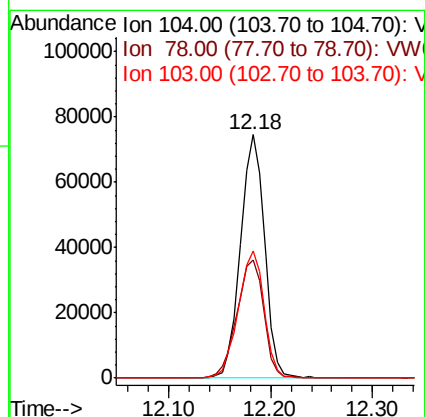
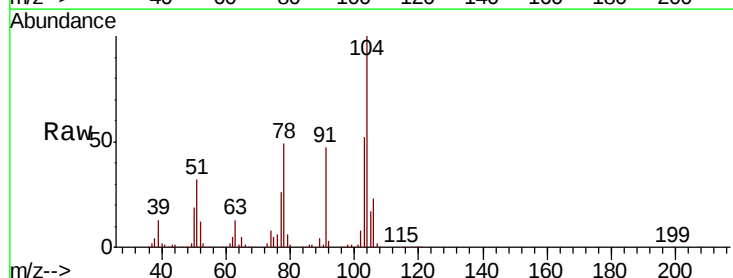
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

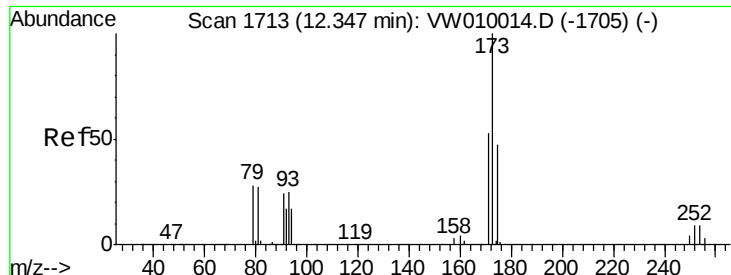
Tgt Ion:106 Resp: 72137
Ion Ratio Lower Upper
106 100
91 223.8 110.5 331.4



#70
Styrene
Concen: 10.053 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion:104 Resp: 121419
Ion Ratio Lower Upper
104 100
78 53.8 42.5 63.7
103 56.0 43.6 65.4





#71

Bromoform

Concen: 10.551 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

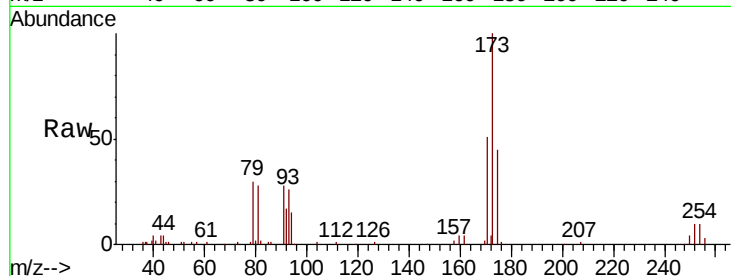
Tgt Ion:173 Resp: 23015

Ion Ratio Lower Upper

173 100

175 48.2 23.8 71.4

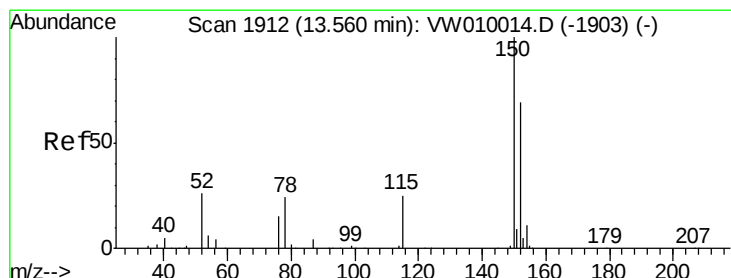
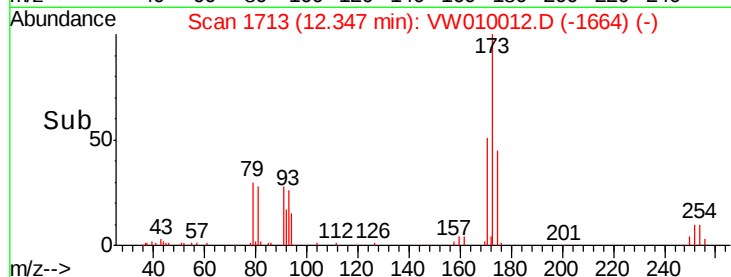
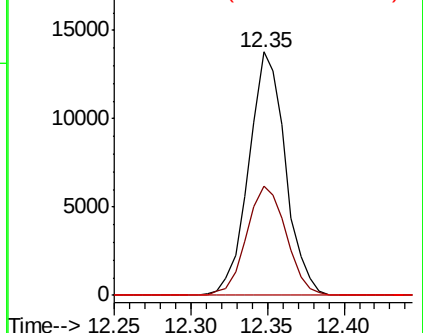
254 0.0 0.1 0.1#



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: VW010012.D

Acq: 17 Apr 2019 11:22

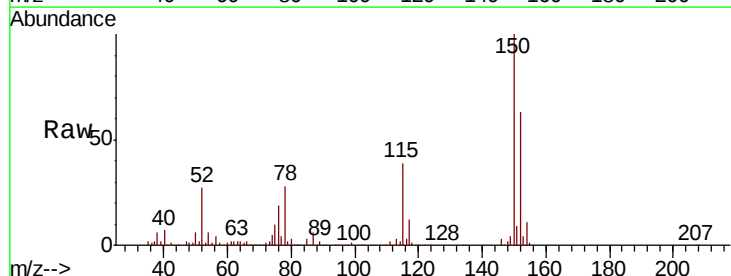
Tgt Ion:152 Resp: 288784

Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.2

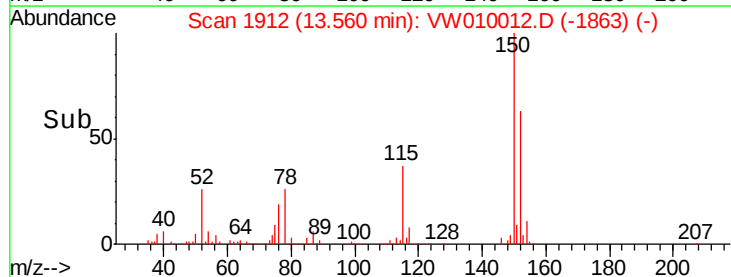
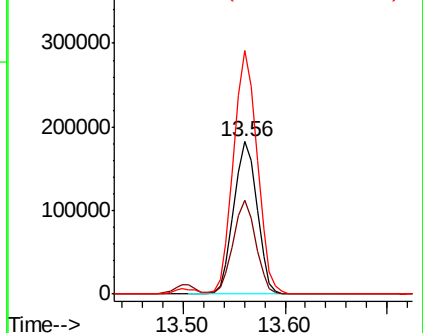
150 162.2 0.0 347.0

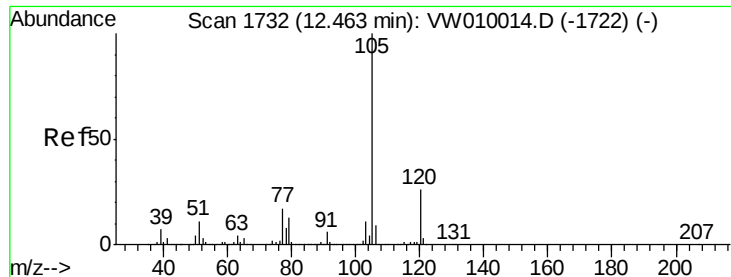


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.250 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampled :

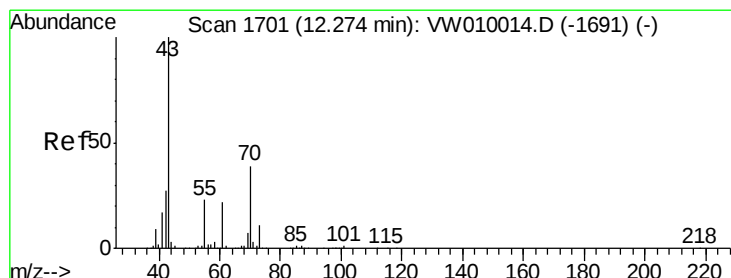
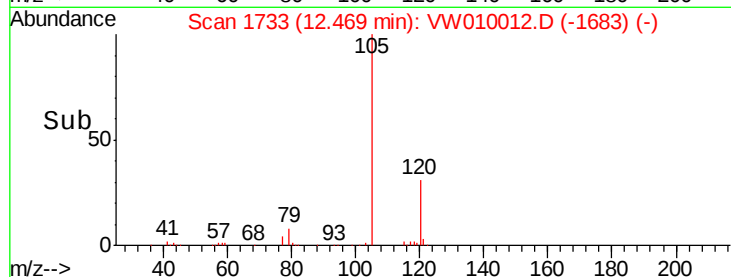
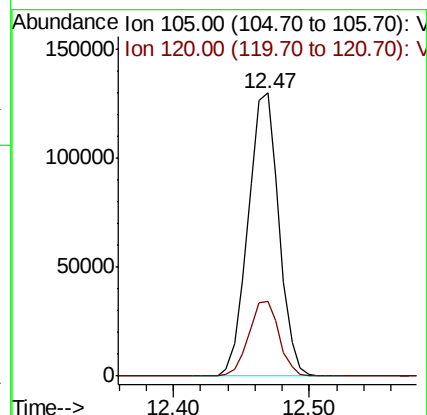
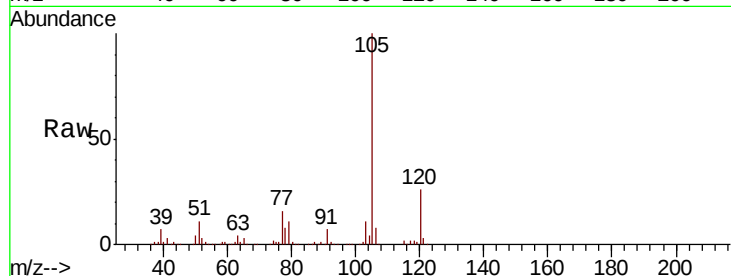
VSTDIC010

Tgt Ion: 105 Resp: 206017

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 10.332 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Tgt Ion: 43 Resp: 57505

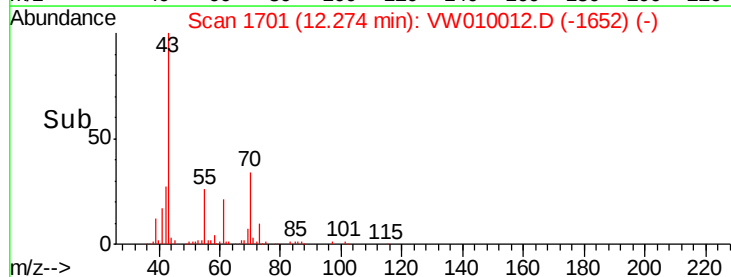
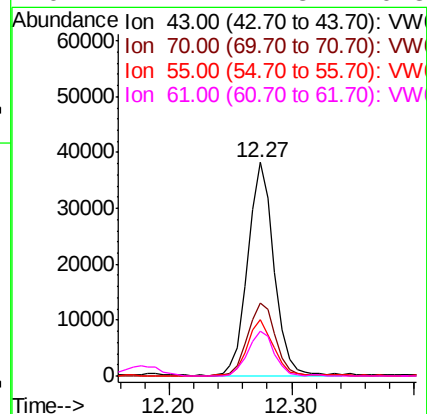
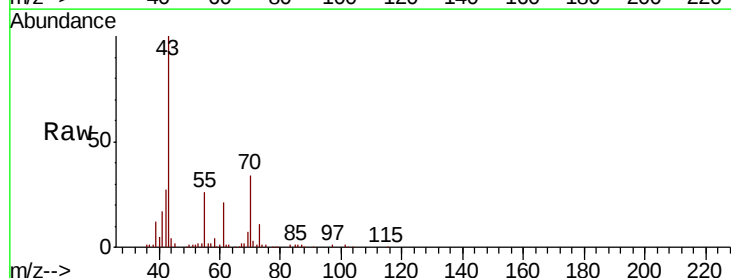
Ion Ratio Lower Upper

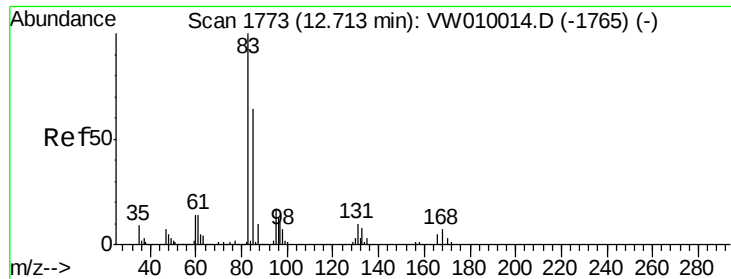
43 100

70 35.5 31.3 46.9

55 26.0 20.0 30.0

61 21.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 10.813 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

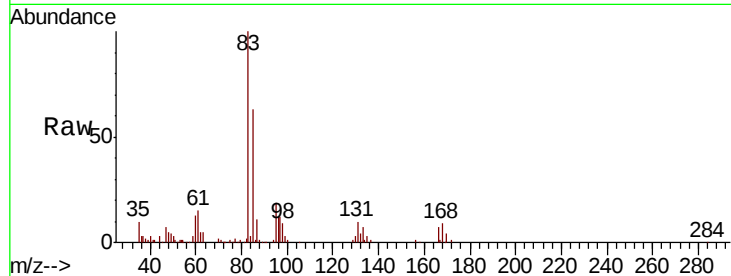
Tgt Ion: 83 Resp: 42938

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

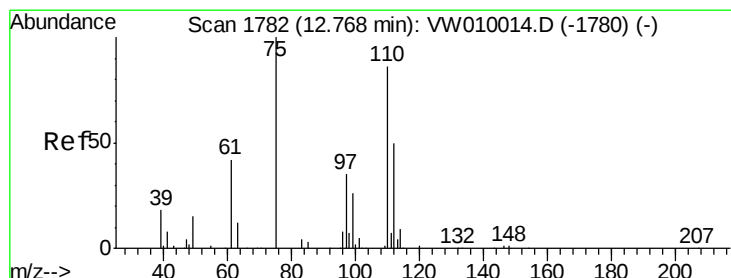
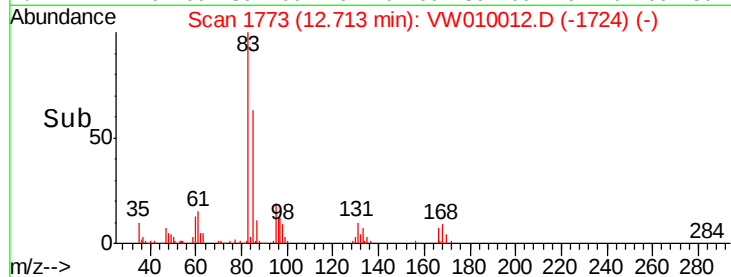
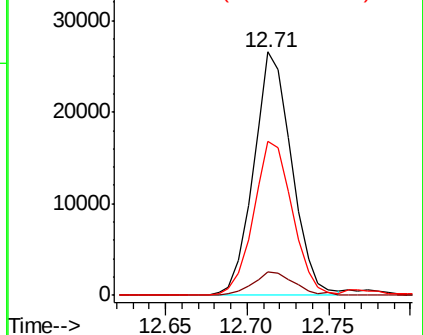
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 16.888 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010012.D

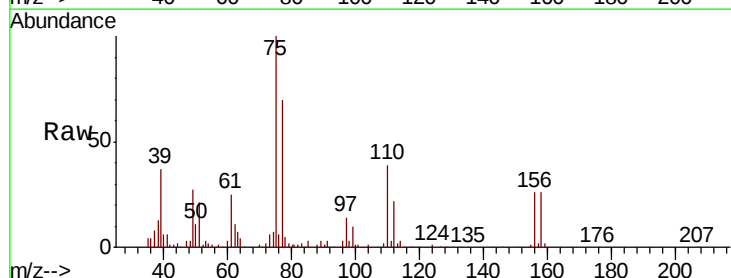
Acq: 17 Apr 2019 11:22

Tgt Ion: 75 Resp: 58464

Ion Ratio Lower Upper

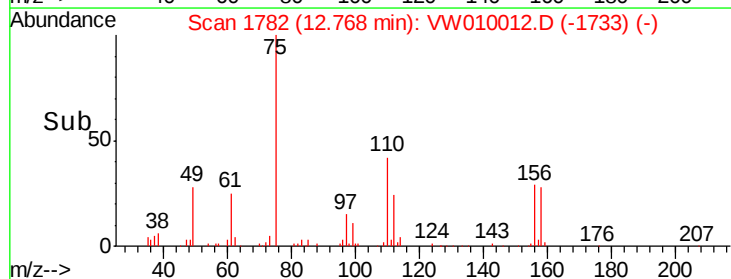
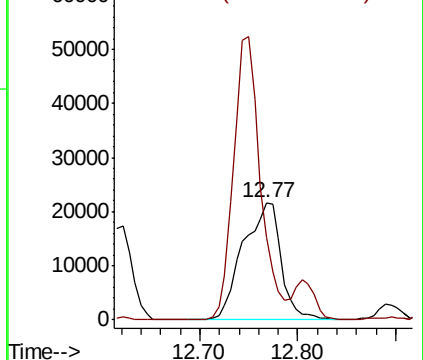
75 100

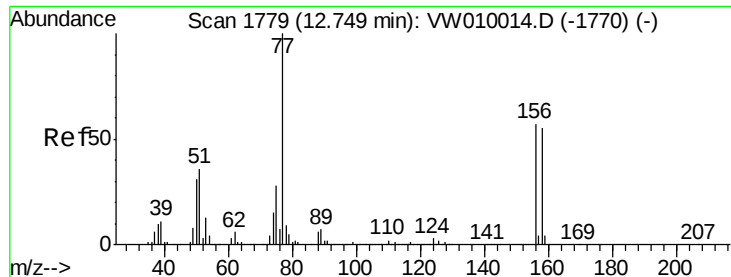
77 171.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.714 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

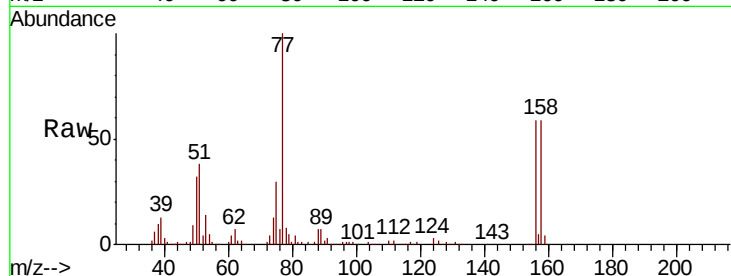
Tgt Ion:156 Resp: 49526

Ion Ratio Lower Upper

156 100

77 202.1 102.5 307.4

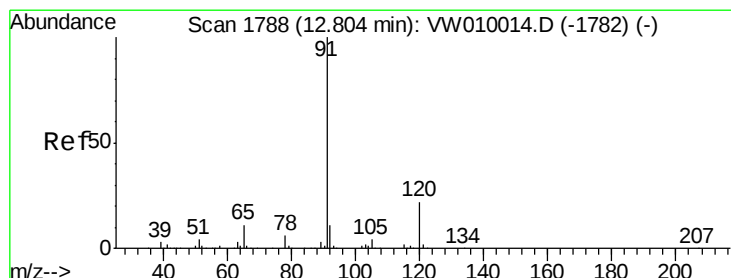
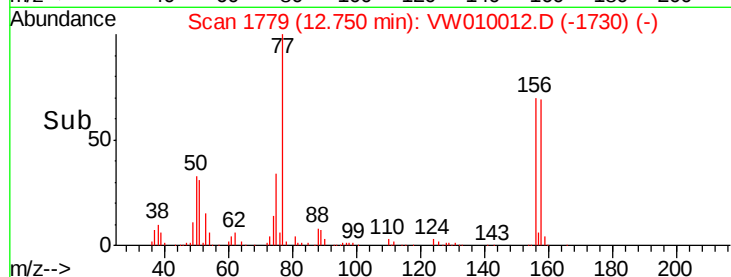
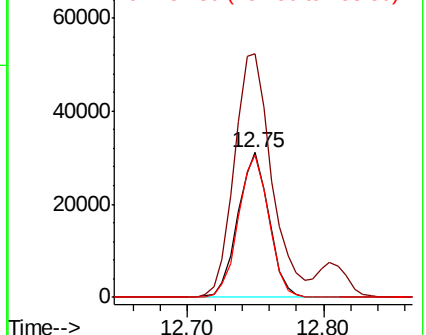
158 96.6 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.323 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010012.D

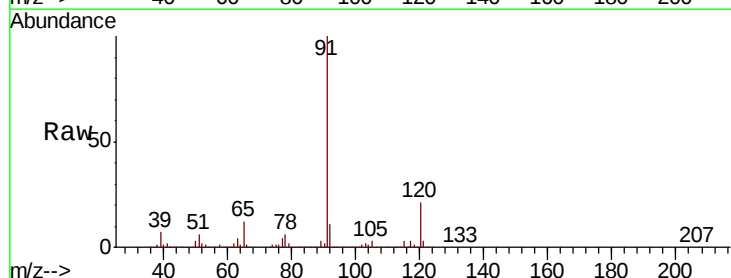
Acq: 17 Apr 2019 11:22

Tgt Ion: 91 Resp: 257147

Ion Ratio Lower Upper

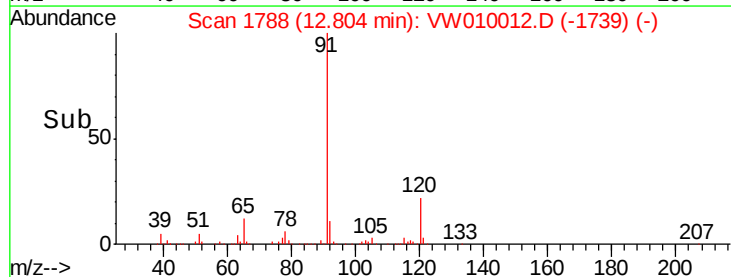
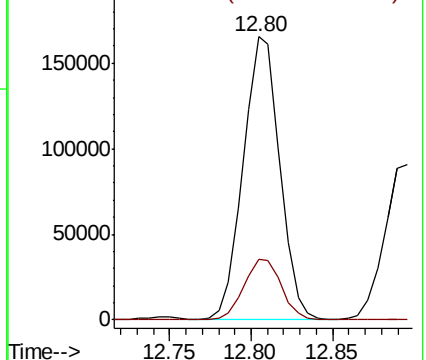
91 100

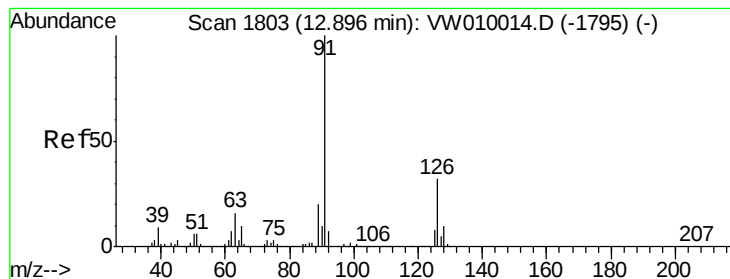
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.392 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

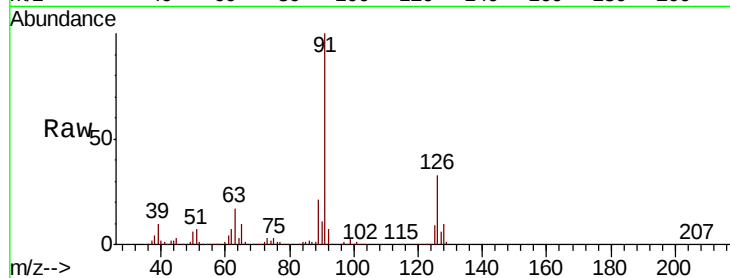
VSTDIC010

Tgt Ion: 91 Resp: 148879

Ion Ratio Lower Upper

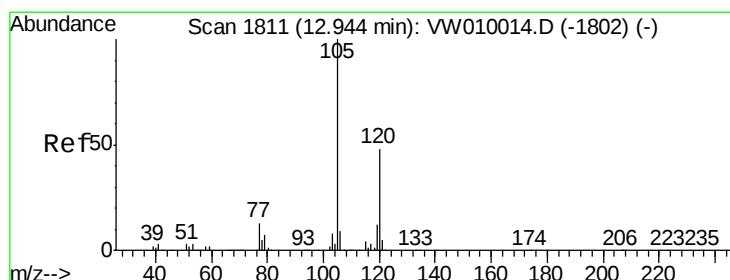
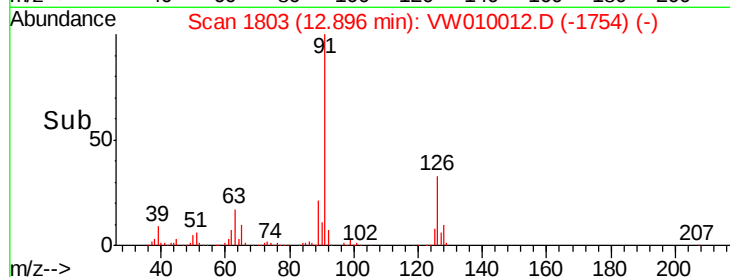
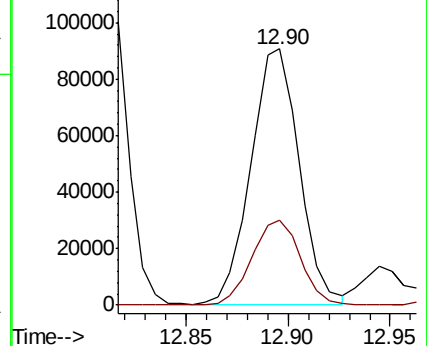
91 100

126 33.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.296 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010012.D

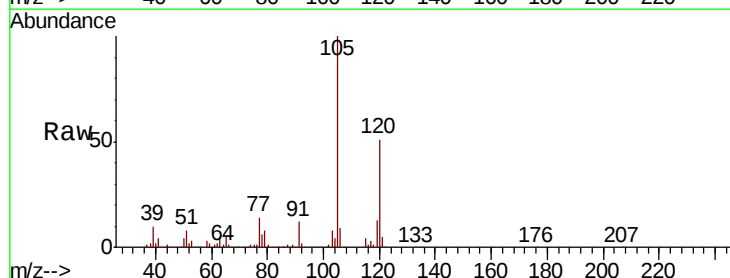
Acq: 17 Apr 2019 11:22

Tgt Ion: 105 Resp: 175461

Ion Ratio Lower Upper

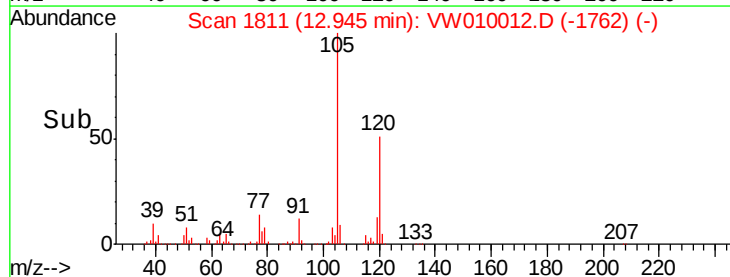
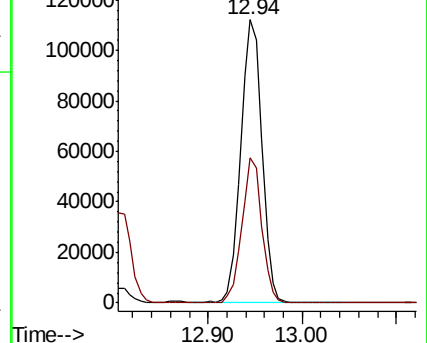
105 100

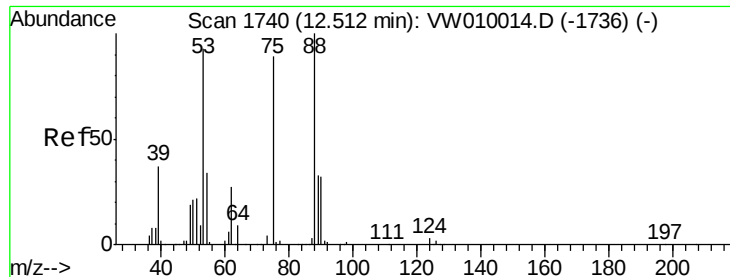
120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.900 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

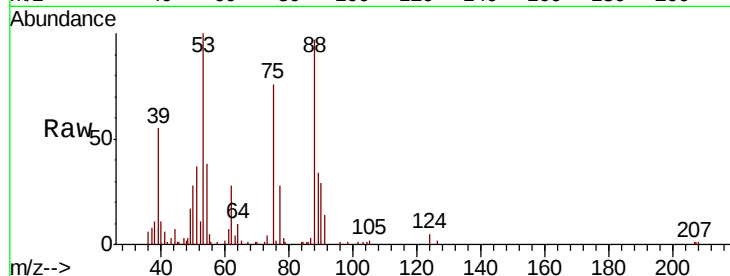
Tgt Ion: 75 Resp: 12135

Ion Ratio Lower Upper

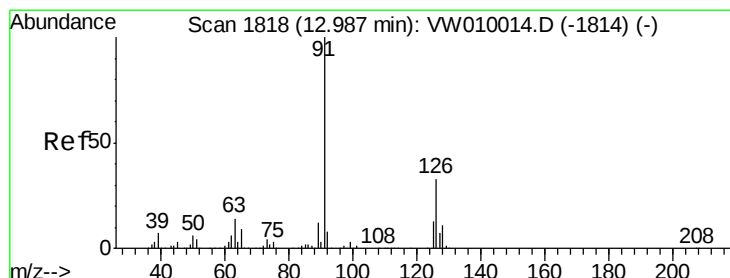
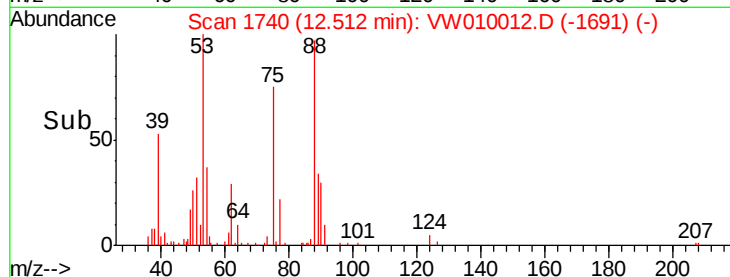
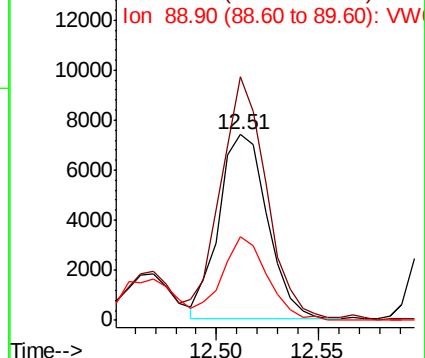
75 100

53 123.8 89.8 134.8

89 42.7 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 10.822 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW010012.D

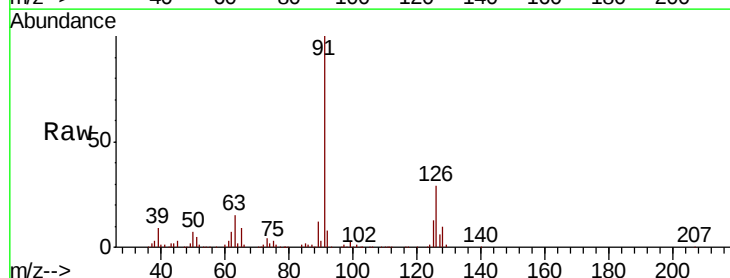
Acq: 17 Apr 2019 11:22

Tgt Ion: 91 Resp: 163176

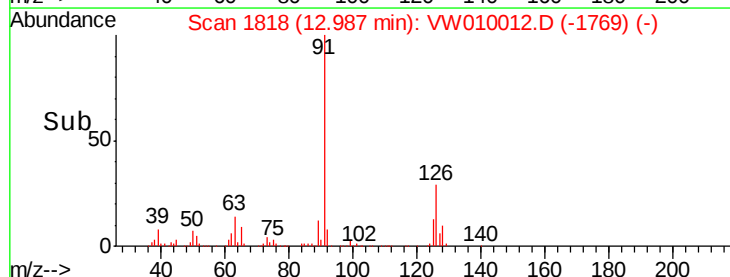
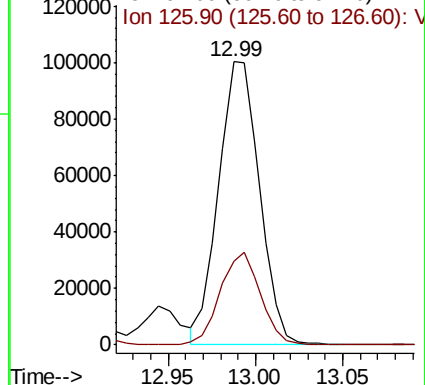
Ion Ratio Lower Upper

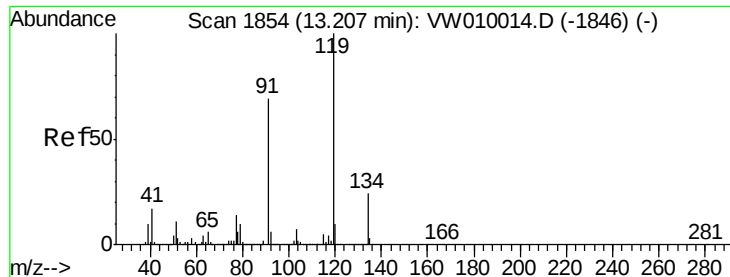
91 100

126 32.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

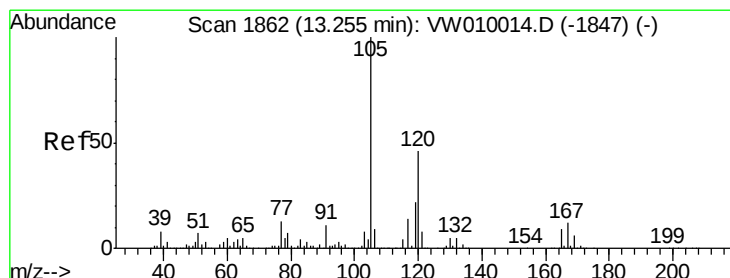
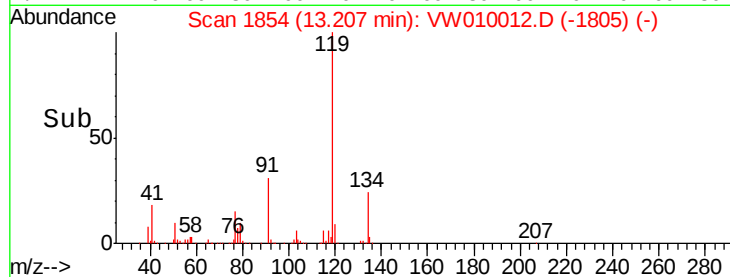
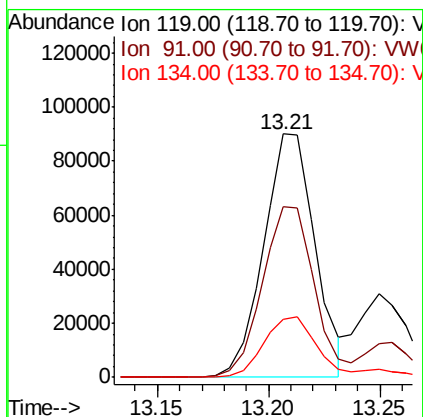
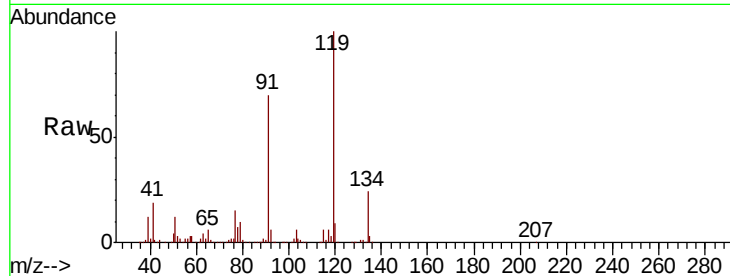




#83
tert-Butylbenzene
Concen: 10.218 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

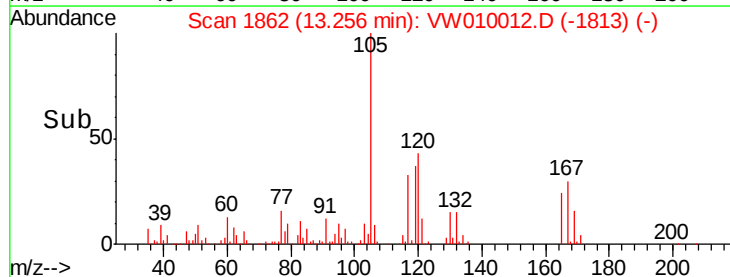
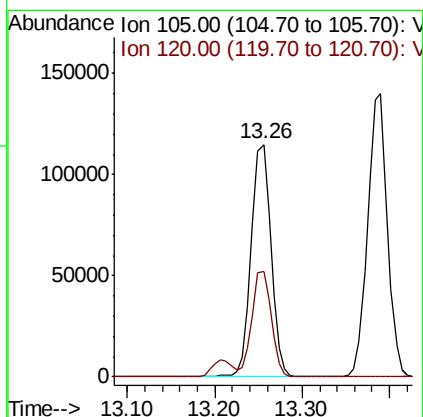
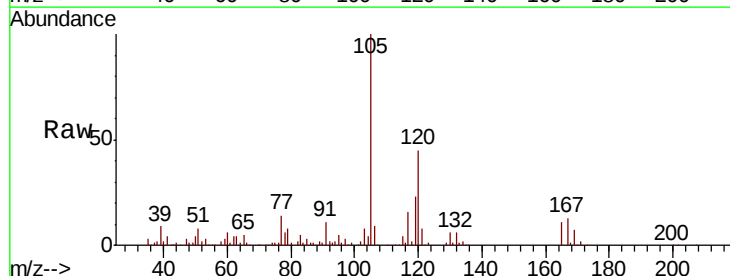
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

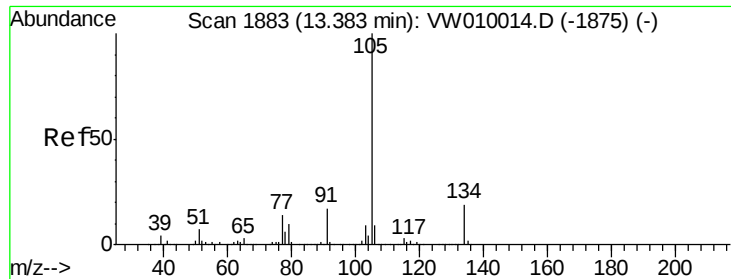
Tgt Ion:119 Resp: 144203
Ion Ratio Lower Upper
119 100
91 71.3 34.8 104.4
134 25.3 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 10.530 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion:105 Resp: 181930
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.7

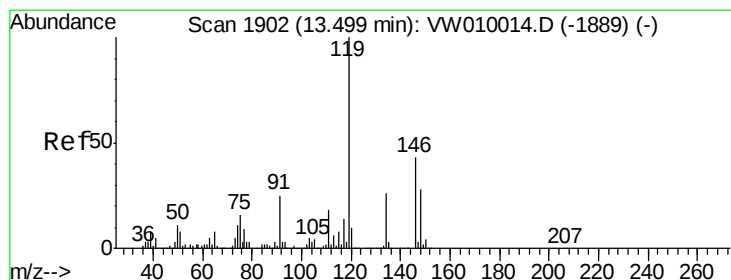
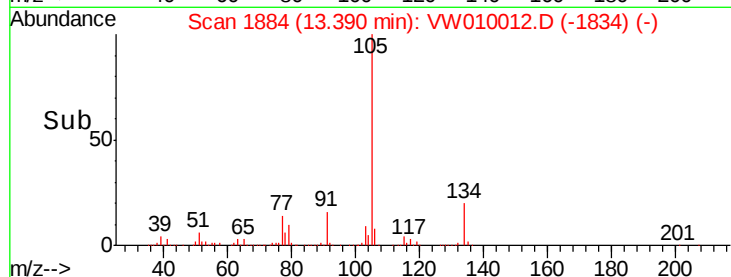
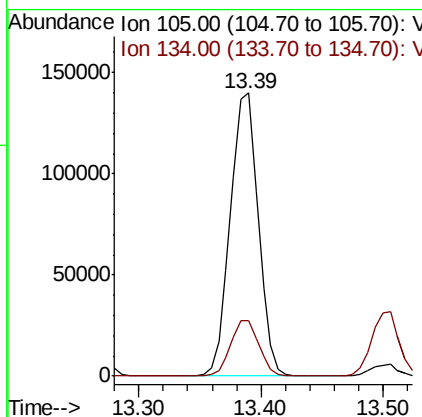
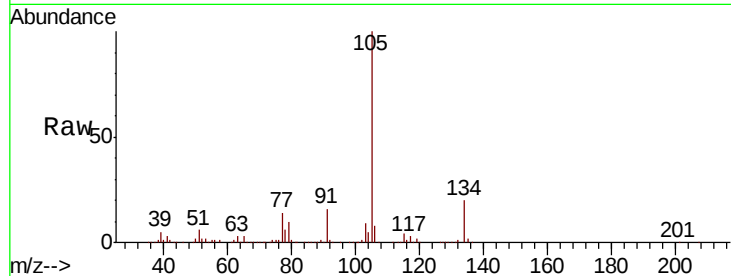




#85
 sec-Butylbenzene
 Concen: 10.494 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

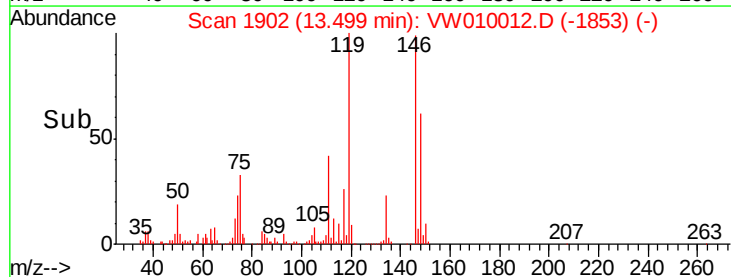
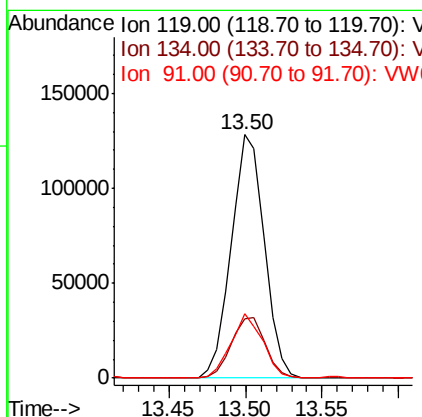
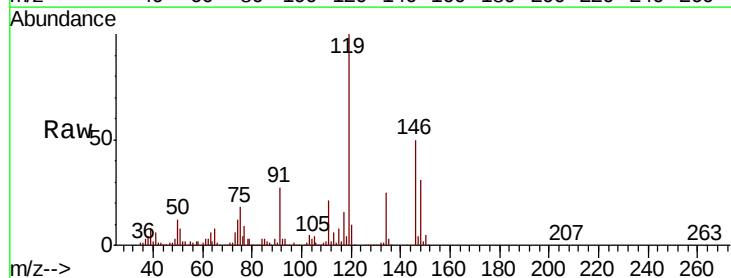
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

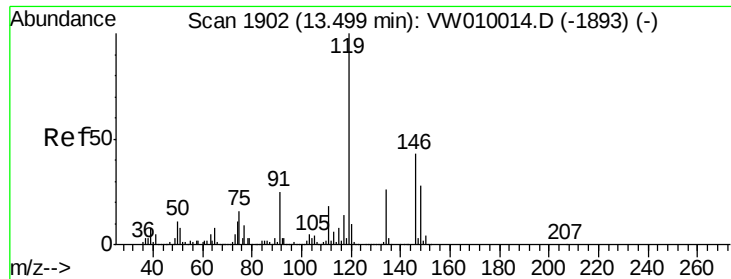
Tgt Ion:105 Resp: 221319
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 10.309 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion:119 Resp: 191629
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 25.4 12.3 36.9

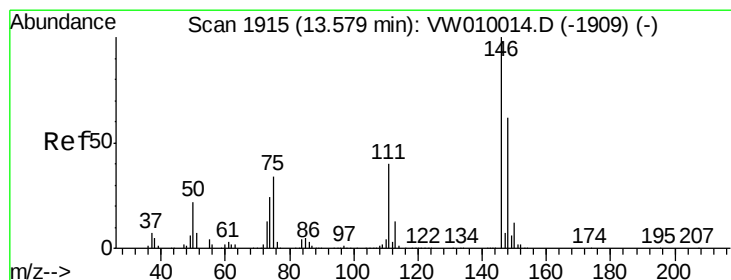
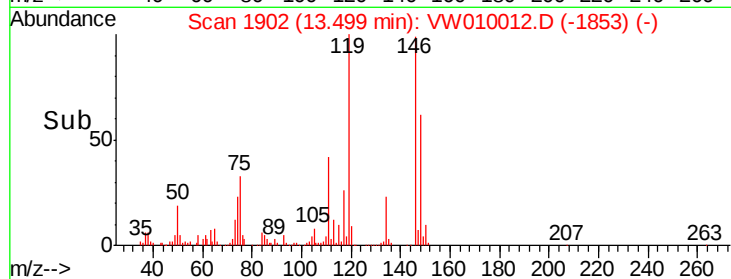
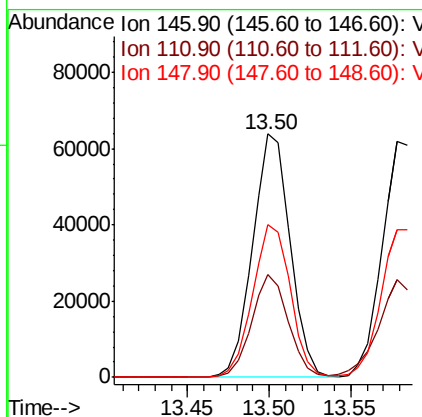
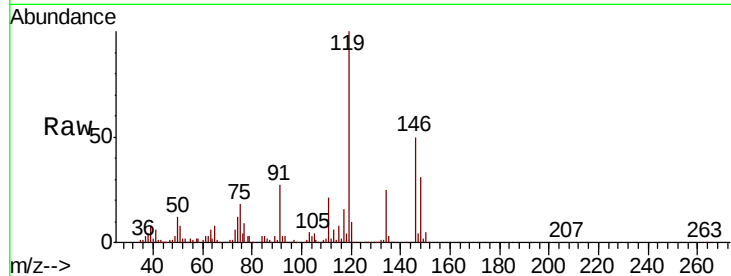




#87
 1,3-Dichlorobenzene
 Concen: 10.932 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

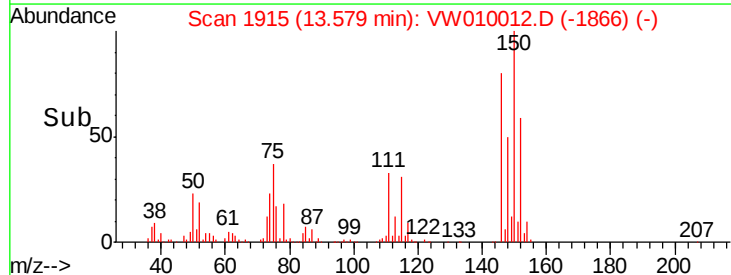
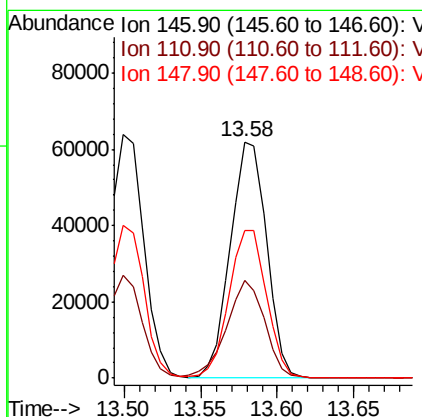
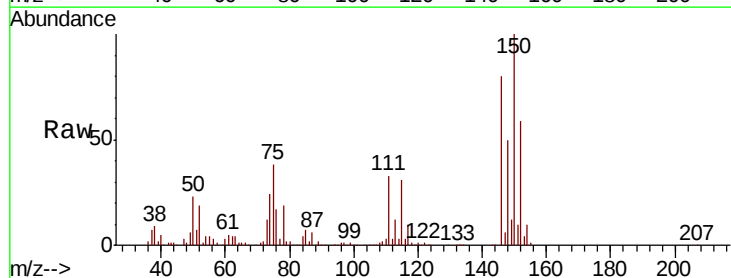
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

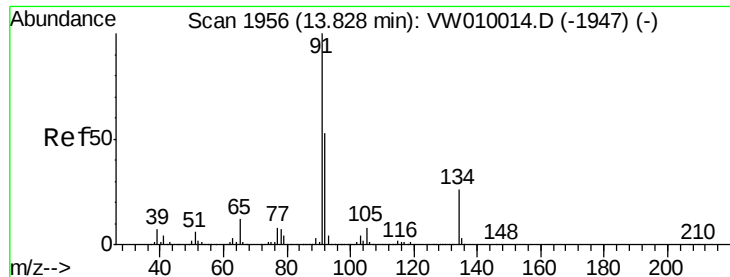
Tgt Ion:146 Resp: 102149
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 61.0
 148 63.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 10.977 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion:146 Resp: 102376
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.1 60.3
 148 64.7 31.8 95.3





#89

n-Butylbenzene

Concen: 10.087 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010012.D

Acq: 17 Apr 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

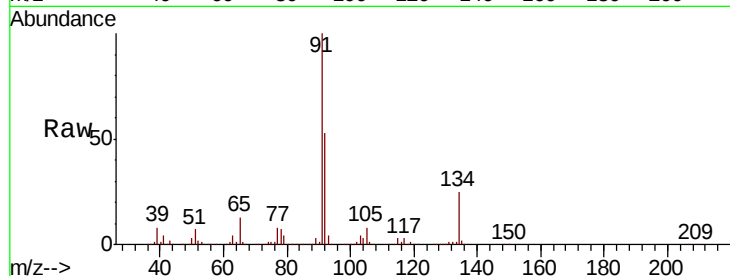
Tgt Ion: 91 Resp: 185760

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.4

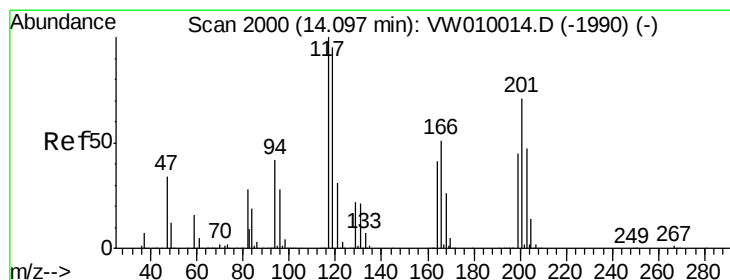
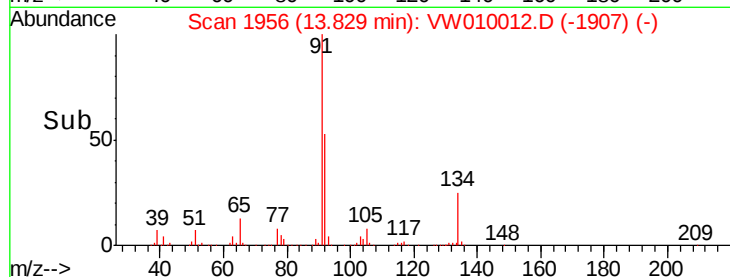
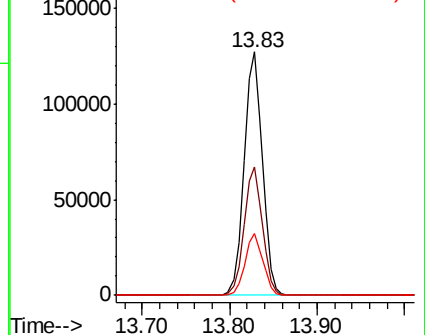
134 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 10.414 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010012.D

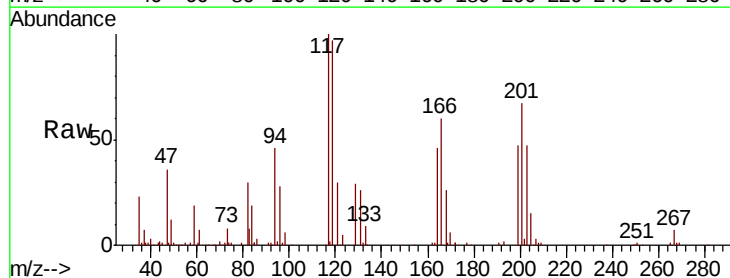
Acq: 17 Apr 2019 11:22

Tgt Ion: 117 Resp: 37076

Ion Ratio Lower Upper

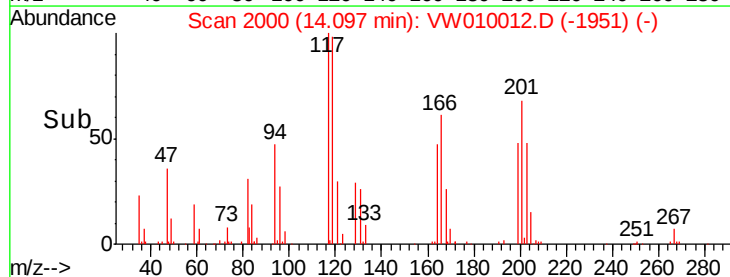
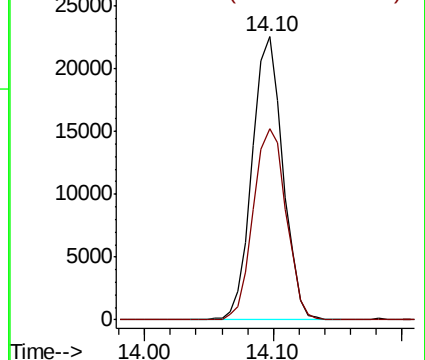
117 100

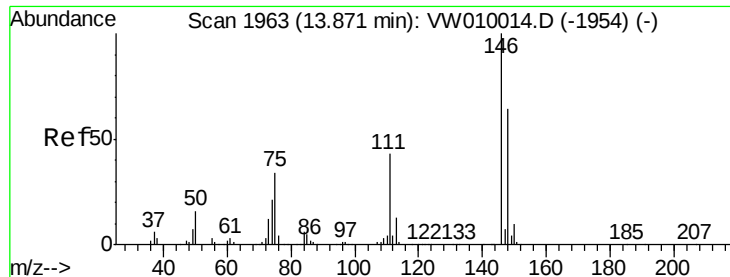
201 72.4 36.1 108.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

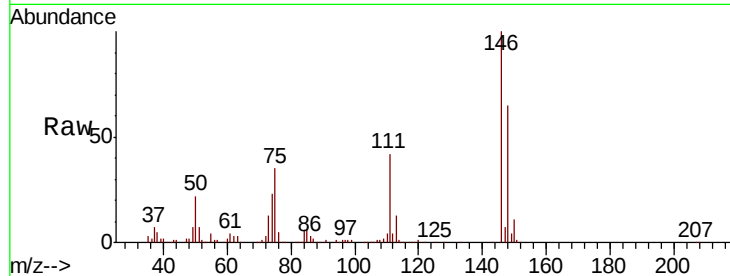




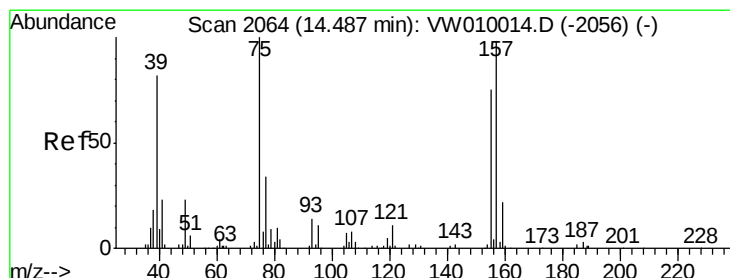
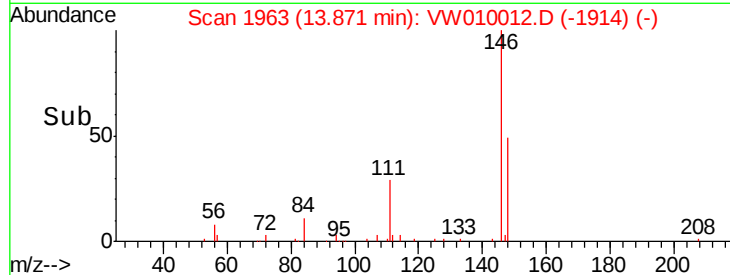
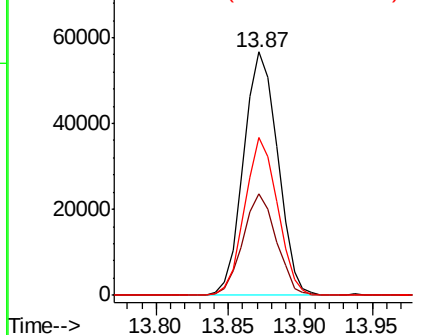
#91
 1,2-Dichlorobenzene
 Concen: 11.095 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 146 Resp: 92958
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.8
 148 62.8 31.9 95.7

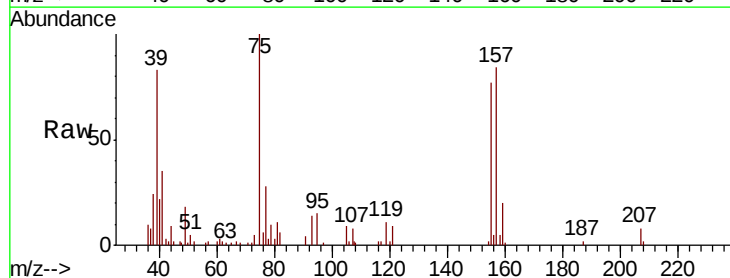


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

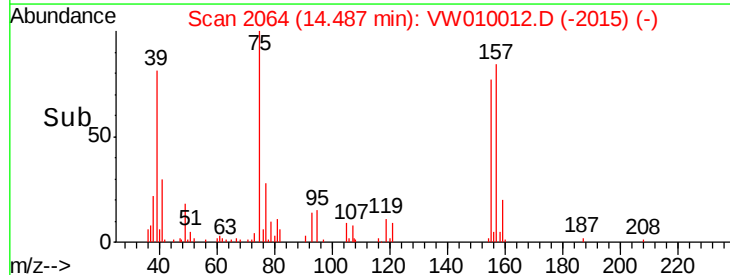
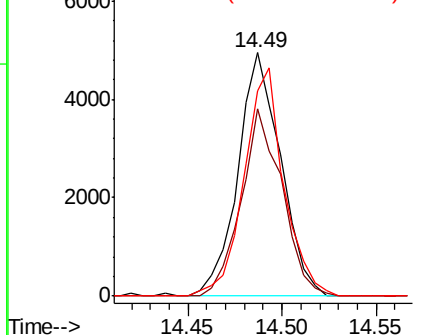


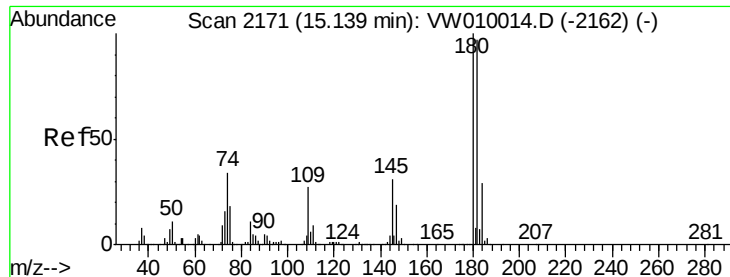
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.965 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion: 75 Resp: 7792
 Ion Ratio Lower Upper
 75 100
 155 73.3 37.1 111.5
 157 87.1 47.3 141.9



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

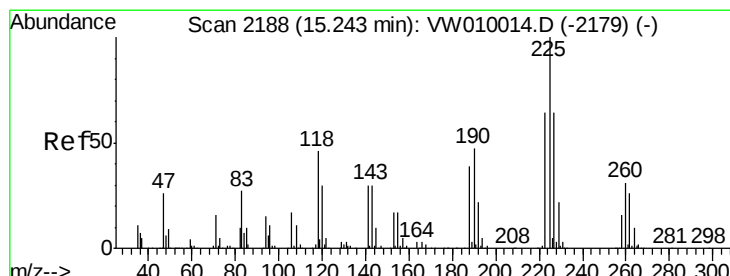
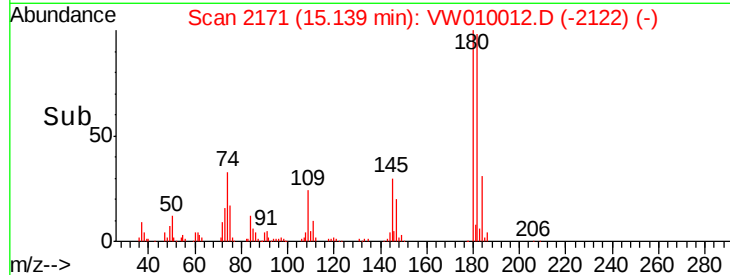
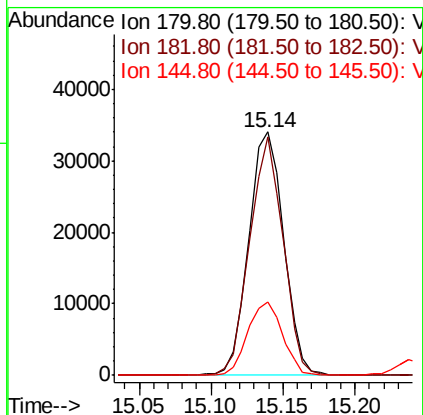
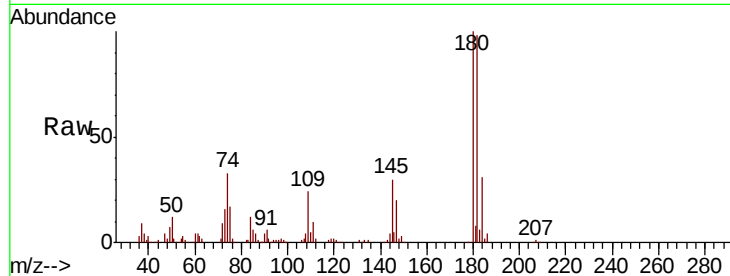




#93
 1,2,4-Trichlorobenzene
 Concen: 10.316 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

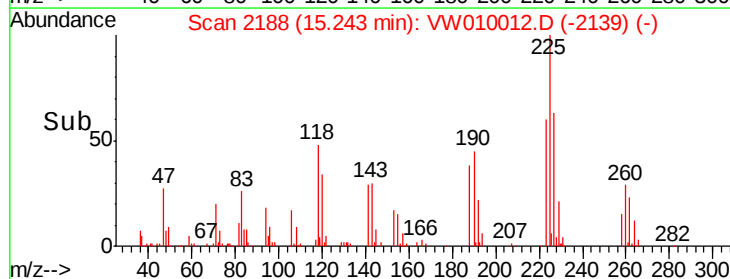
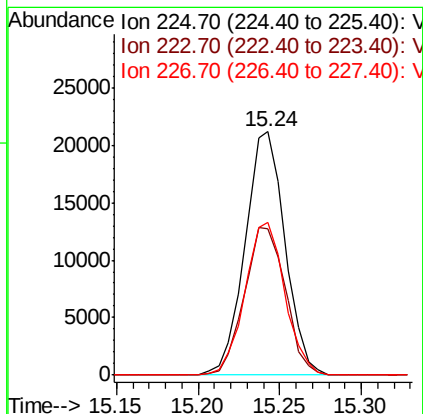
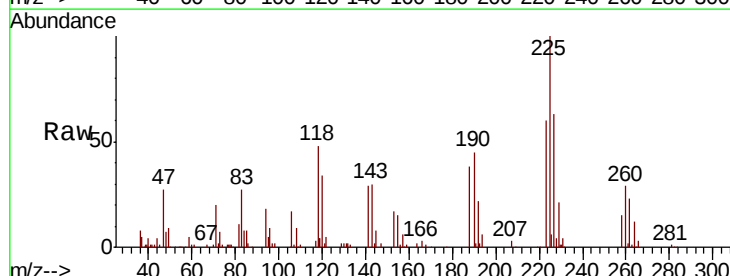
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

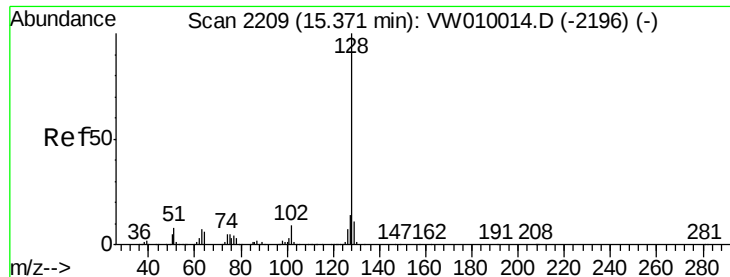
Tgt Ion:180 Resp: 57018
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.1 141.4
 145 30.3 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 10.712 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010012.D
 Acq: 17 Apr 2019 11:22

Tgt Ion:225 Resp: 35954
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.9 95.5
 227 62.7 31.8 95.3

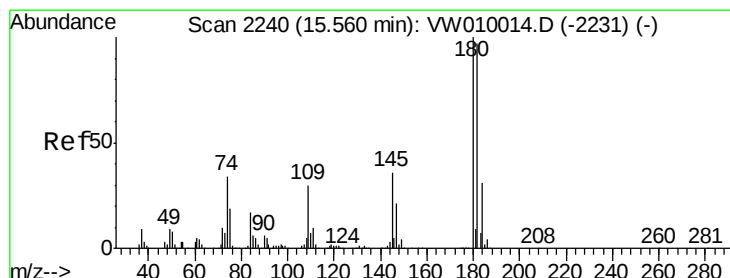
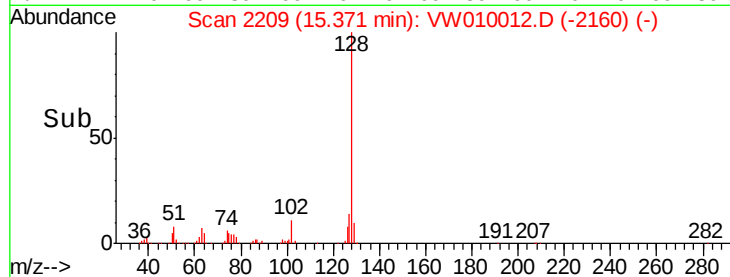
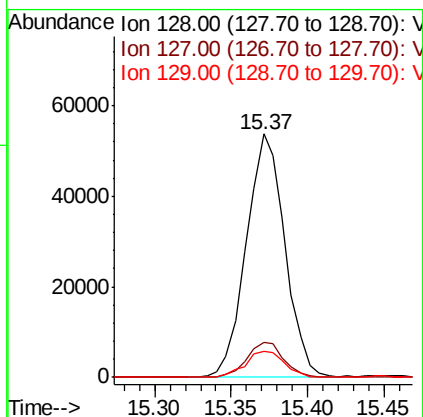
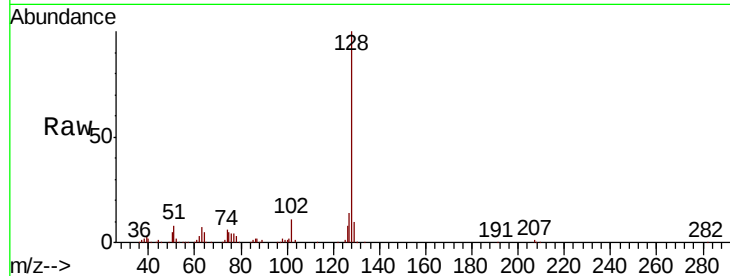




#95
Naphthalene
Concen: 9.488 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 94156
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 10.195 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010012.D
Acq: 17 Apr 2019 11:22

Tgt Ion:180 Resp: 48890
Ion Ratio Lower Upper
180 100
182 100.1 47.8 143.3
145 32.4 16.4 49.2

