

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010219\
 Data File : VW008005.D
 Acq On : 02 Jan 2019 13:19
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Jan 03 04:43:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 04:40:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	99889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50609	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	7541	9.71	ug/l	0.00
Spiked Amount			Recovery	=	19.42%	
35) Dibromofluoromethane	7.88	113	6926	10.00	ug/l	0.00
Spiked Amount			Recovery	=	20.00%	
50) Toluene-d8	10.33	98	26082	10.04	ug/l	0.00
Spiked Amount			Recovery	=	20.08%	
62) 4-Bromofluorobenzene	12.62	95	9842	9.88	ug/l	0.00
Spiked Amount			Recovery	=	19.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	5251	8.034	ug/l	91
3) Chloromethane	2.22	50	4468	9.349	ug/l	95
4) Vinyl Chloride	2.37	62	5959	9.654	ug/l	96
5) Bromomethane	2.78	94	3875	9.882	ug/l	99
6) Chloroethane	2.93	64	2966	9.402	ug/l	98
7) Trichlorofluoromethane	3.26	101	5617	9.066	ug/l	97
8) Diethyl Ether	3.68	74	3172	9.968	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	7042	9.564	ug/l	98
10) Methyl Iodide	4.27	142	11276	9.519	ug/l	99
11) Tert butyl alcohol	5.17	59	2450	48.569	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	6740	9.563	ug/l	99
13) Acrolein	3.89	56	1713	50.120	ug/l	98
14) Allyl chloride	4.67	41	9168	9.602	ug/l	98
15) Acrylonitrile	5.37	53	5571	47.596	ug/l	97
16) Acetone	4.12	43	6133	51.027	ug/l	100
17) Carbon Disulfide	4.37	76	20338	9.447	ug/l	96
18) Methyl Acetate	4.68	43	2939	9.429	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	10653	9.605	ug/l	99
20) Methylene Chloride	4.92	84	8502	10.256	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	7434	9.695	ug/l	96
22) Diisopropyl ether	6.31	45	16537	9.649	ug/l	98
23) Vinyl Acetate	6.26	43	44740	46.659	ug/l	100
24) 1,1-Dichloroethane	6.21	63	12407	9.743	ug/l	98
25) 2-Butanone	7.17	43	6841	48.309	ug/l	100
26) 2,2-Dichloropropane	7.16	77	10871	10.362	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	7979	9.768	ug/l	98
28) Bromochloromethane	7.51	49	3806	9.299	ug/l #	98
29) Tetrahydrofuran	7.53	42	4136	47.021	ug/l	96
30) Chloroform	7.68	83	13596	9.527	ug/l	94
31) Cyclohexane	7.96	56	11818	9.958	ug/l #	93
32) 1,1,1-Trichloroethane	7.88	97	13157	9.635	ug/l	99
36) 1,1-Dichloropropene	8.08	75	10532	9.717	ug/l	96
37) Ethyl Acetate	7.26	43	3139	9.642	ug/l	97
38) Carbon Tetrachloride	8.07	117	12631	9.724	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	13050	9.660	ug/l	94
40) Benzene	8.32	78	27819	9.730	ug/l	94
41) Methacrylonitrile	7.49	41	1816	9.053	ug/l	92
42) 1,2-Dichloroethane	8.40	62	9013	9.461	ug/l	100
43) Isopropyl Acetate	8.43	43	6109	9.391	ug/l	97
44) Trichloroethene	9.09	130	8468	10.036	ug/l	95
45) 1,2-Dichloropropane	9.37	63	5964	9.637	ug/l	92
46) Dibromomethane	9.46	93	3559	9.836	ug/l	100
47) Bromodichloromethane	9.65	83	9922	9.790	ug/l	96
48) Methyl methacrylate	9.44	41	2934	8.946	ug/l	94
49) 1,4-Dioxane	9.45	88	893	166.770	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	14669	48.717	ug/l	99
52) Toluene	10.39	92	18239	9.663	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	9248	9.490	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	10471	9.629	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	4752	9.700	ug/l #	89
56) Ethyl methacrylate	10.65	69	5009	9.044	ug/l	99
57) 1,3-Dichloropropane	10.93	76	8307	9.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	12559	47.814	ug/l	98
59) 2-Hexanone	10.97	43	10026	48.232	ug/l	96
60) Dibromochloromethane	11.13	129	6141	9.157	ug/l	100
61) 1,2-Dibromoethane	11.23	107	4733	9.654	ug/l	98
64) Tetrachloroethene	10.87	164	6620	9.594	ug/l	96
65) Chlorobenzene	11.66	112	21063	9.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	7518	9.725	ug/l	98
67) Ethyl Benzene	11.73	91	36201	9.554	ug/l	99
68) m/p-Xylenes	11.84	106	28638	19.549	ug/l	99
69) o-Xylene	12.17	106	13216	9.695	ug/l	99
70) Styrene	12.18	104	21210	9.546	ug/l	99
71) Bromoform	12.35	173	3365	9.395	ug/l #	97
73) Isopropylbenzene	12.47	105	38864	9.657	ug/l	99
74) N-amyl acetate	12.27	43	5704	9.106	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	5021	9.806	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	7333	10.402	ug/l #	1
77) Bromobenzene	12.75	156	8186	9.464	ug/l	98
78) n-propylbenzene	12.81	91	44437	9.524	ug/l	100
79) 2-Chlorotoluene	12.90	91	25519	9.463	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	32806	9.471	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	1530	8.987	ug/l	93
82) 4-Chlorotoluene	12.99	91	27641	9.640	ug/l	98
83) tert-Butylbenzene	13.21	119	28662	9.457	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	33612	9.580	ug/l	98
85) sec-Butylbenzene	13.39	105	40174	9.636	ug/l	96
86) p-Isopropyltoluene	13.51	119	35750	9.507	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	17398	9.969	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	17129	9.913	ug/l	96
89) n-Butylbenzene	13.83	91	32831	9.545	ug/l	99
90) Hexachloroethane	14.10	117	6491	9.948	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	14886	9.706	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1011	9.728	ug/l	89

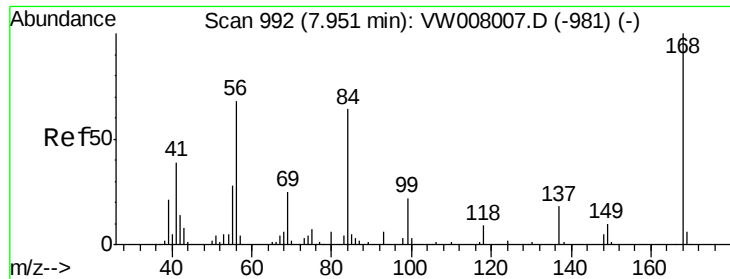
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	10588	9.830	ug/l	98
94) Hexachlorobutadiene	15.24	225	6059	9.742	ug/l	98
95) Naphthalene	15.38	128	16841	9.180	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	8089	9.127	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

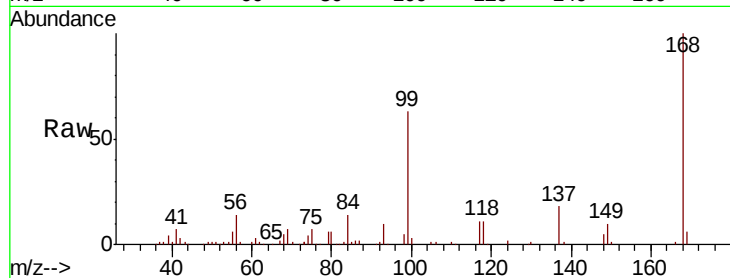
VSTDIC010

Tgt Ion:168 Resp: 70199

Ion Ratio Lower Upper

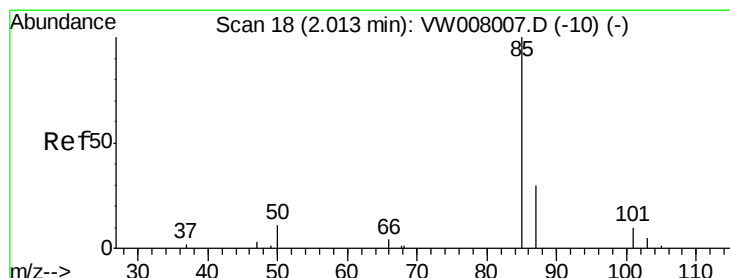
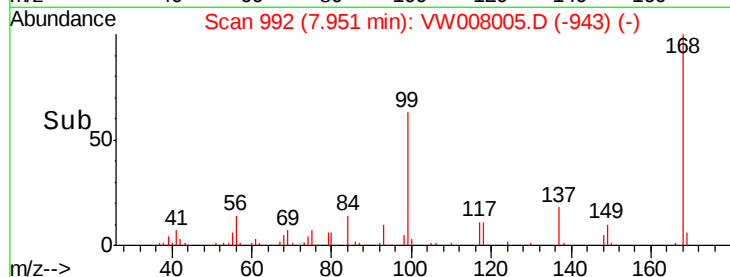
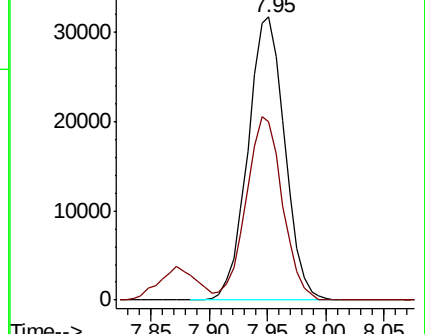
168 100

99 63.2 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 8.034 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008005.D

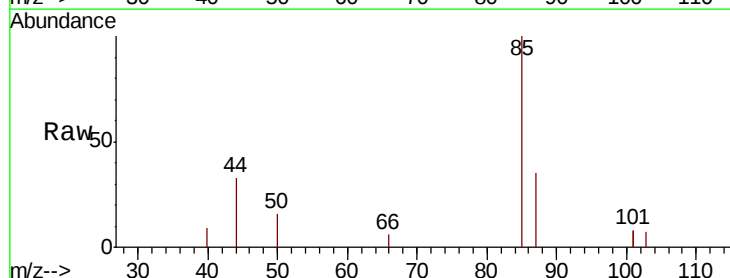
Acq: 02 Jan 2019 13:19

Tgt Ion: 85 Resp: 5251

Ion Ratio Lower Upper

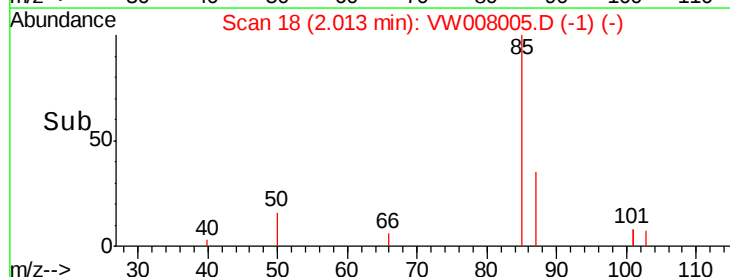
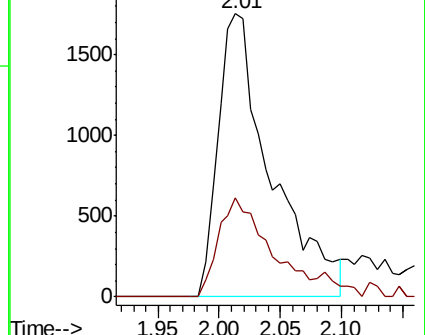
85 100

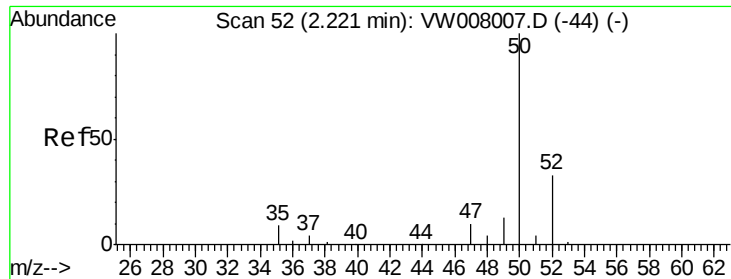
87 35.0 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 9.349 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampled :

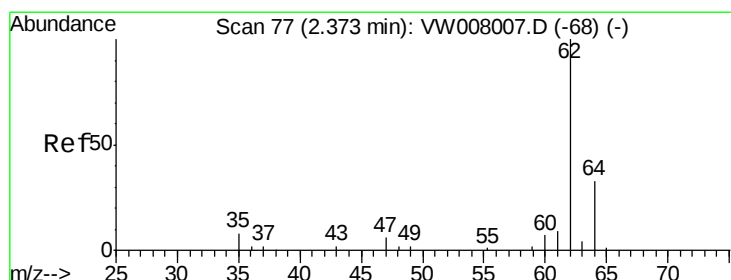
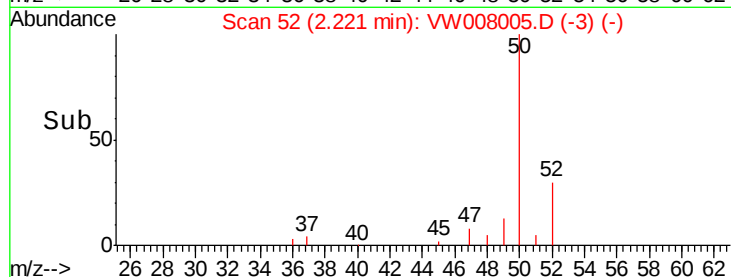
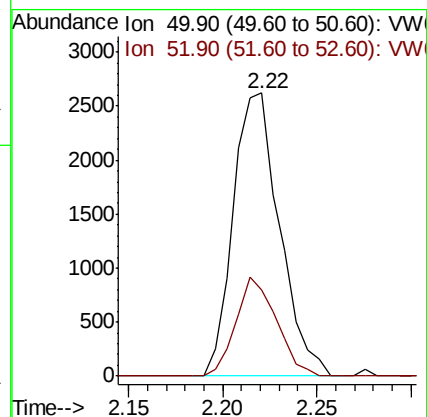
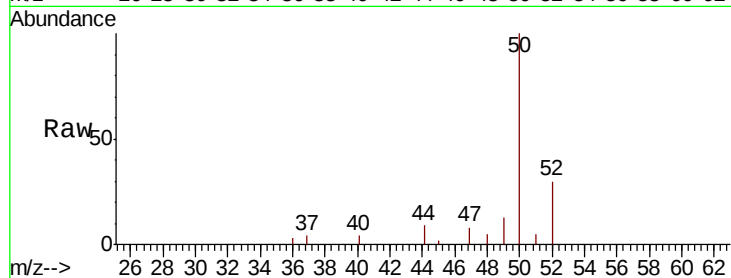
VSTDIC010

Tgt Ion: 50 Resp: 4468

Ion Ratio Lower Upper

50 100

52 30.4 26.8 40.2



#4

Vinyl Chloride

Concen: 9.654 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW008005.D

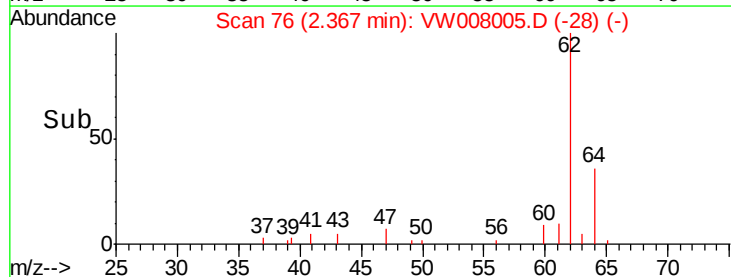
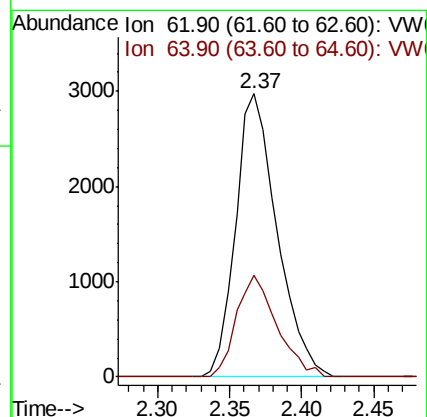
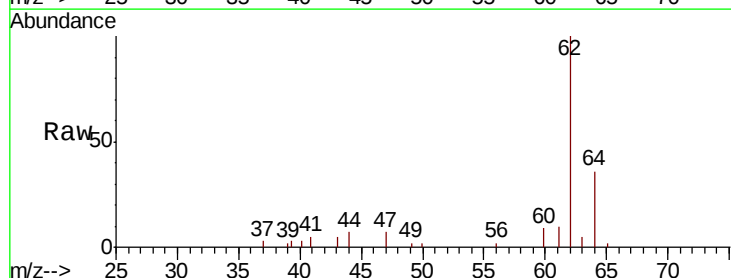
Acq: 02 Jan 2019 13:19

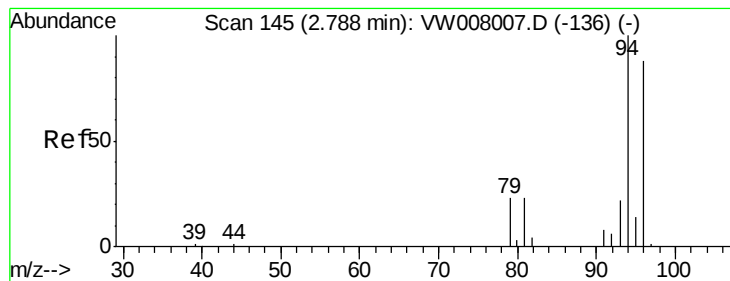
Tgt Ion: 62 Resp: 5959

Ion Ratio Lower Upper

62 100

64 35.8 26.8 40.2





#5

Bromomethane

Concen: 9.882 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

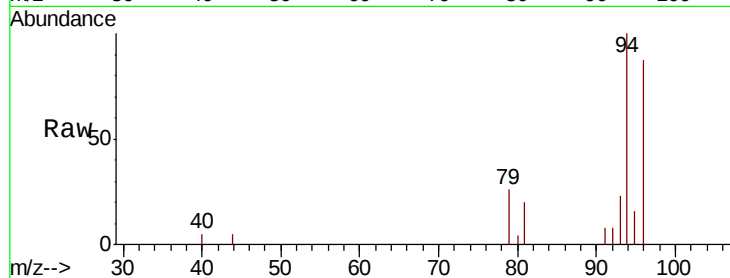
VSTDIC010

Tgt Ion: 94 Resp: 3875

Ion Ratio Lower Upper

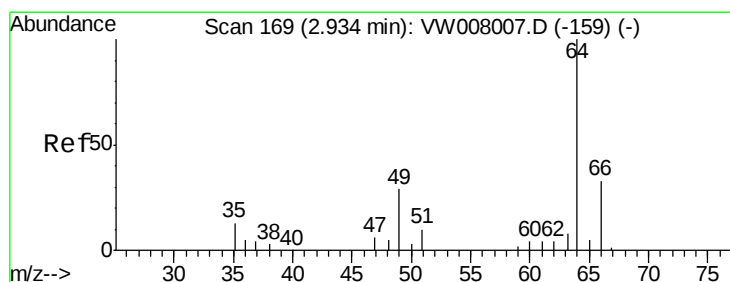
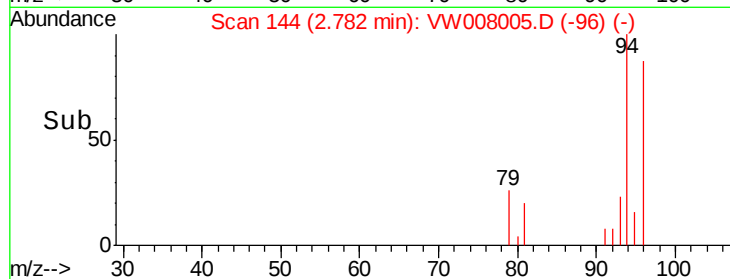
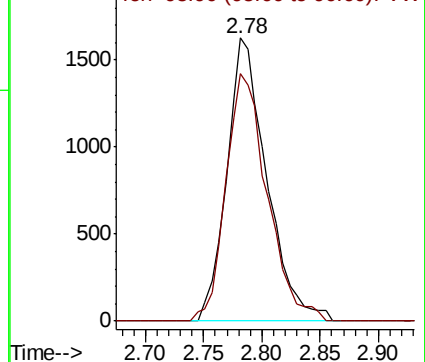
94 100

96 87.4 70.7 106.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 9.402 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008005.D

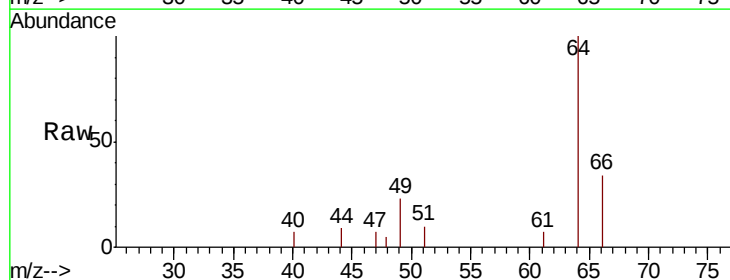
Acq: 02 Jan 2019 13:19

Tgt Ion: 64 Resp: 2966

Ion Ratio Lower Upper

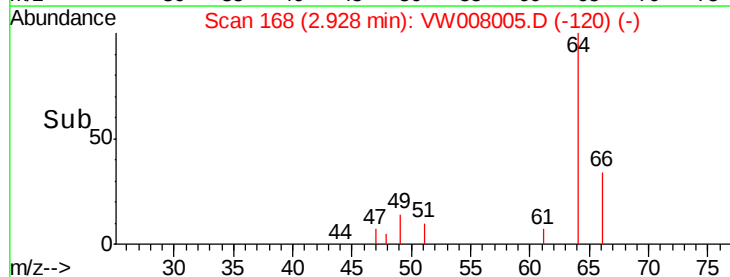
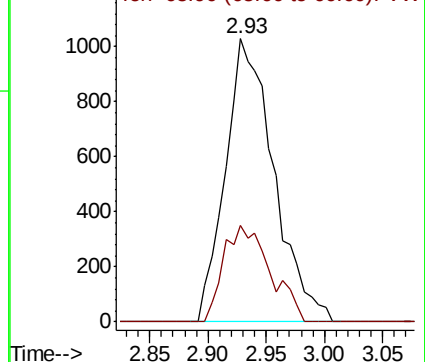
64 100

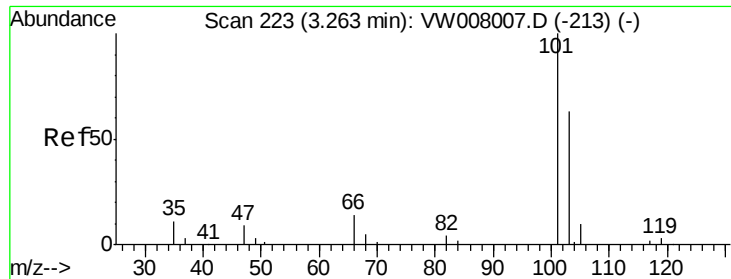
66 34.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

Trichlorofluoromethane

Concen: 9.066 ug/l

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

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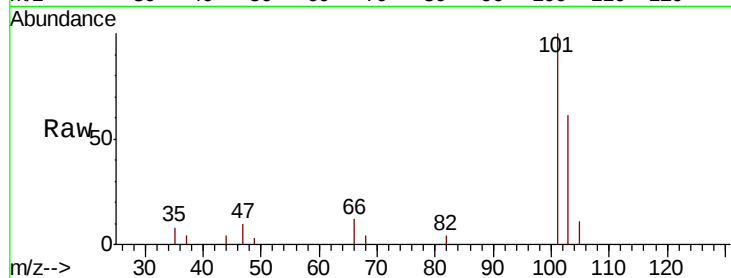
VSTDIC010

Tgt Ion: 101 Resp: 5617

Ion Ratio Lower Upper

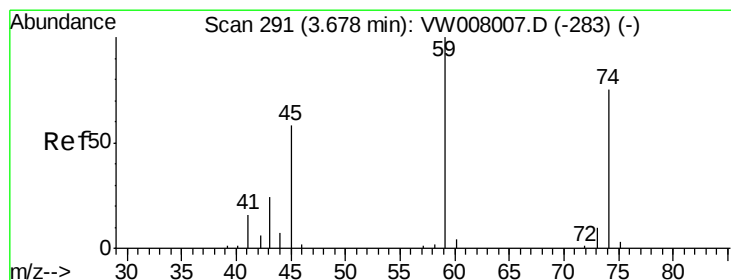
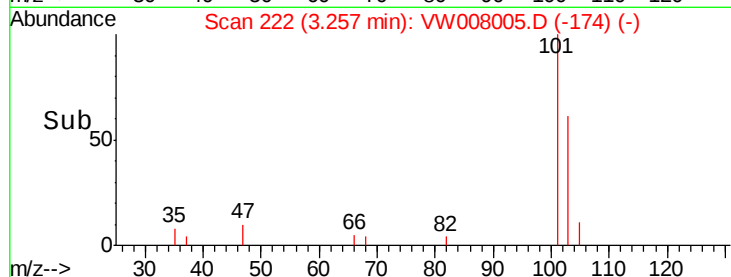
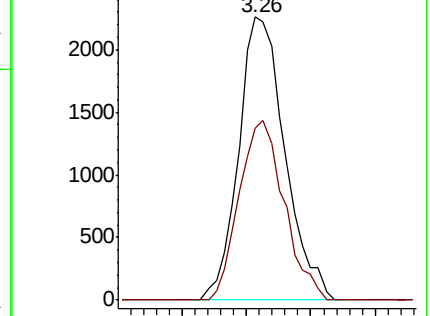
101 100

103 60.8 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 9.968 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW008005.D

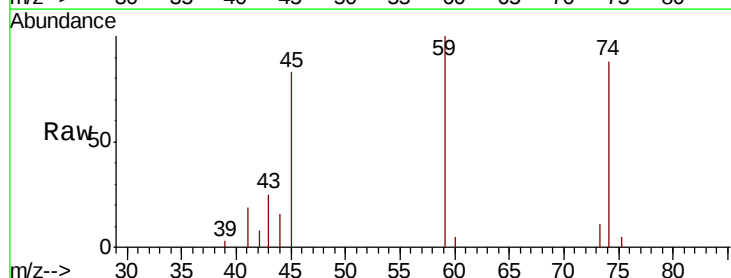
Acq: 02 Jan 2019 13:19

Tgt Ion: 74 Resp: 3172

Ion Ratio Lower Upper

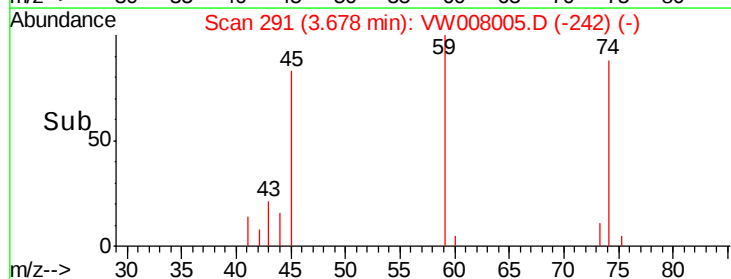
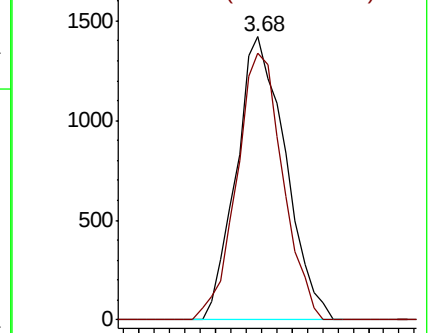
74 100

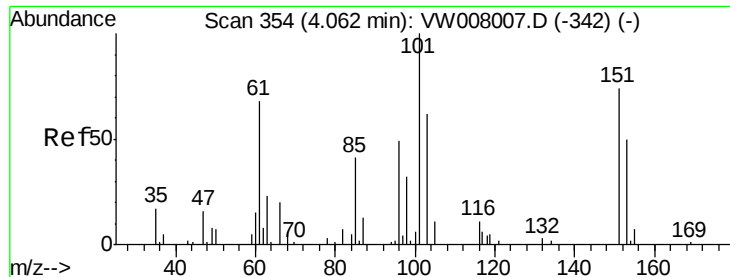
45 88.5 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.564 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

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VSTDIC010

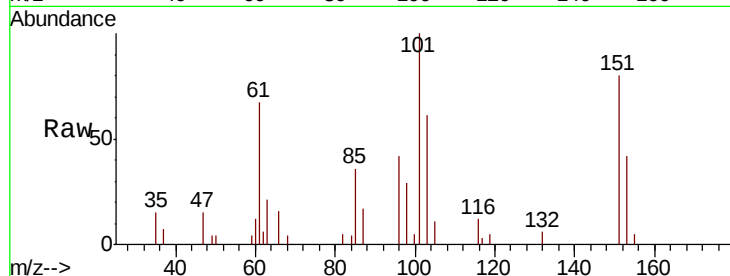
Tgt Ion:101 Resp: 7042

Ion Ratio Lower Upper

101 100

85 40.9 35.1 52.7

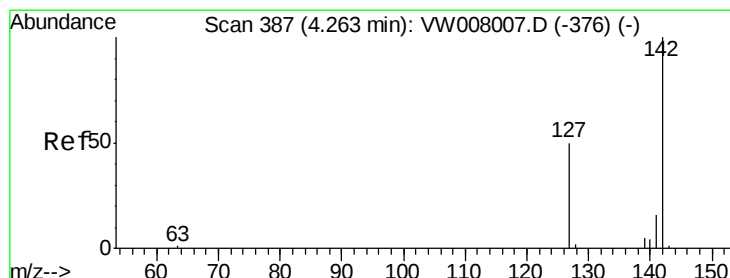
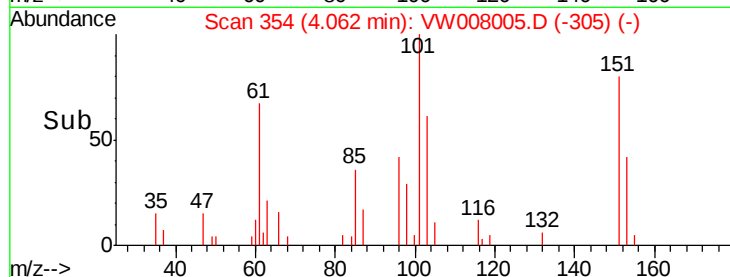
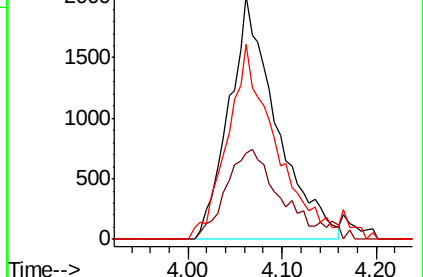
151 80.5 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.519 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

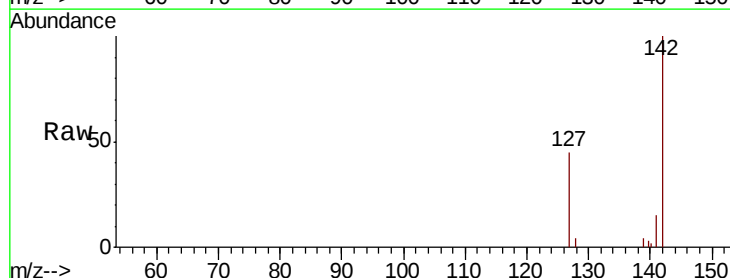
Tgt Ion:142 Resp: 11276

Ion Ratio Lower Upper

142 100

127 48.7 39.4 59.0

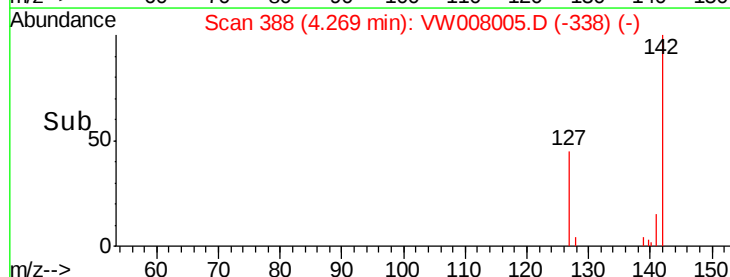
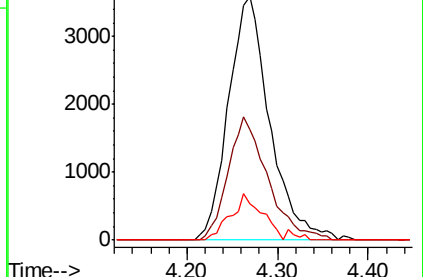
141 14.4 12.1 18.1

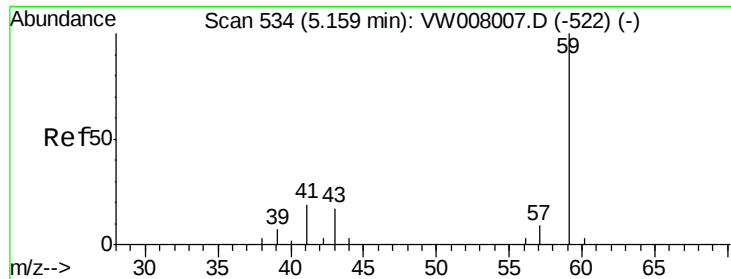


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

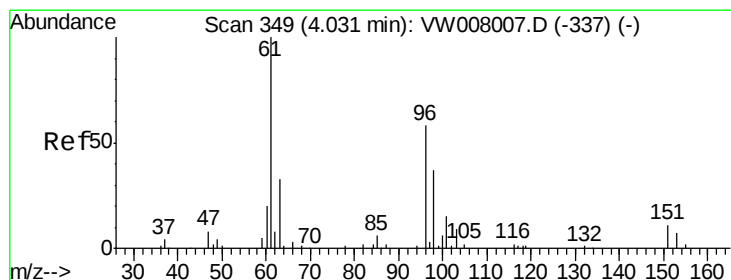
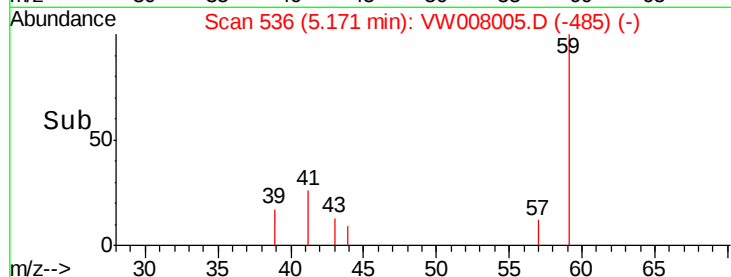
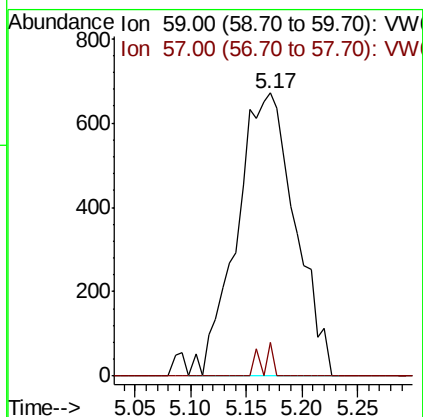
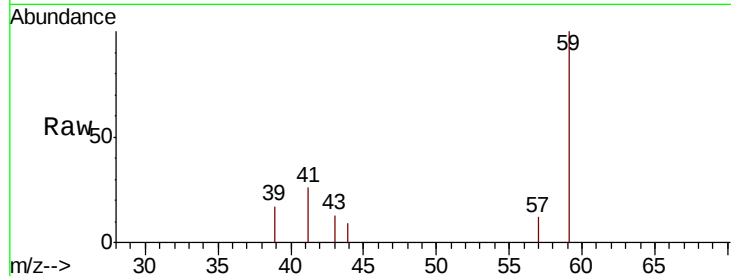




#11
Tert butyl alcohol
Concen: 48.569 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

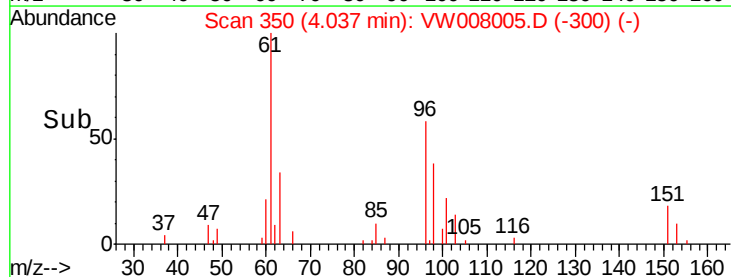
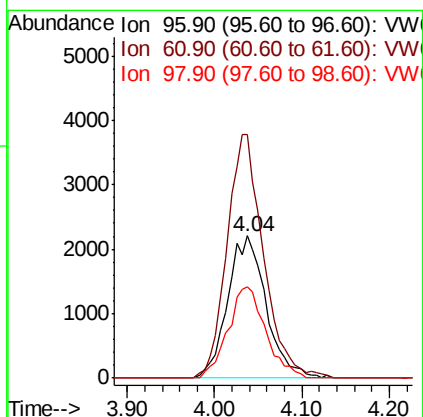
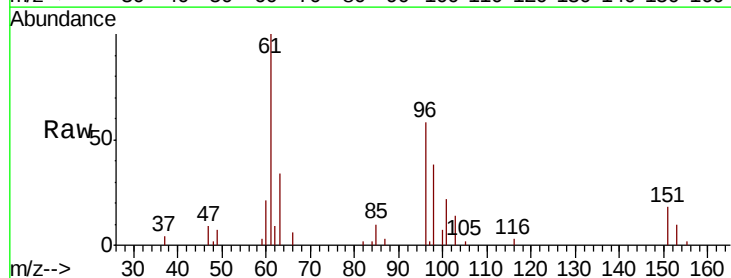
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

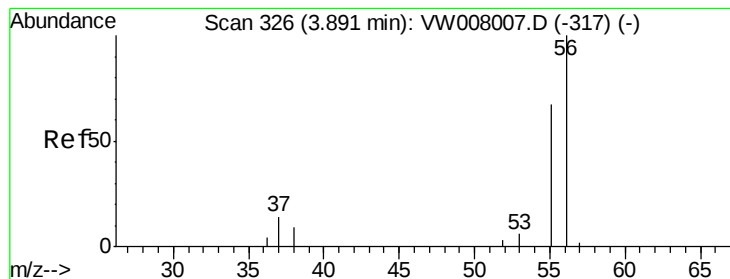
Tgt Ion: 59 Resp: 2450
Ion Ratio Lower Upper
59 100
57 1.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 9.563 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 96 Resp: 6740
Ion Ratio Lower Upper
96 100
61 171.1 137.3 205.9
98 64.3 50.5 75.7





#13

Acrolein

Concen: 50.120 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

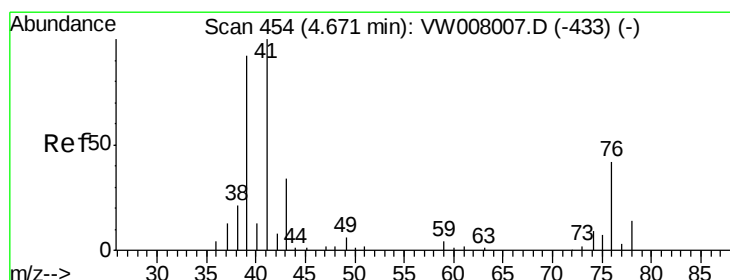
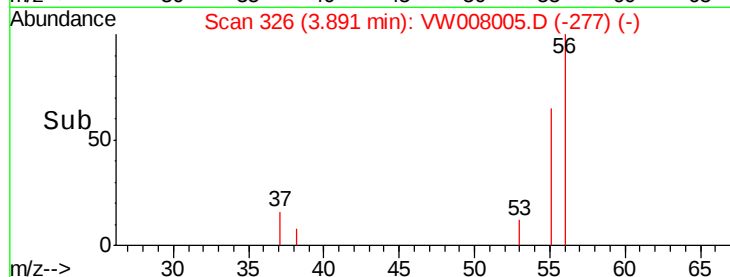
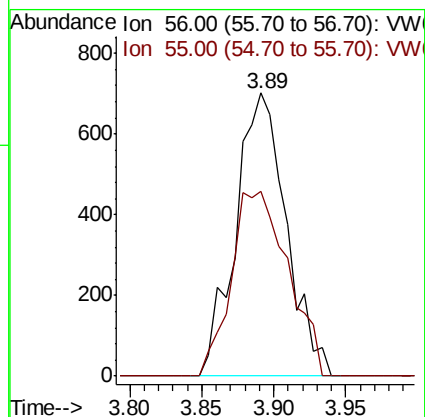
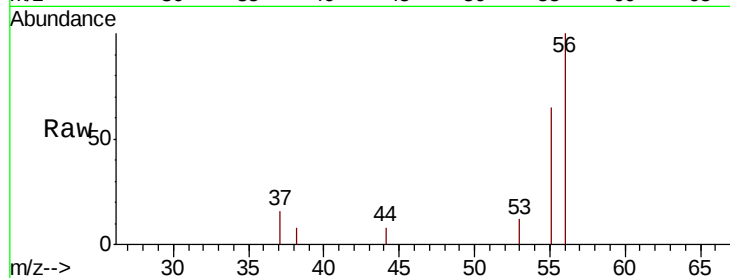
VSTDIC010

Tgt Ion: 56 Resp: 1713

Ion Ratio Lower Upper

56 100

55 73.5 57.3 85.9



#14

Allyl chloride

Concen: 9.602 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

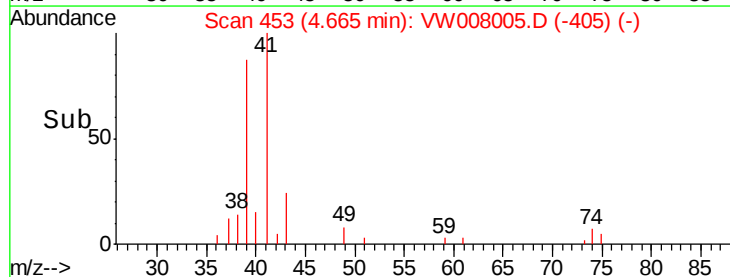
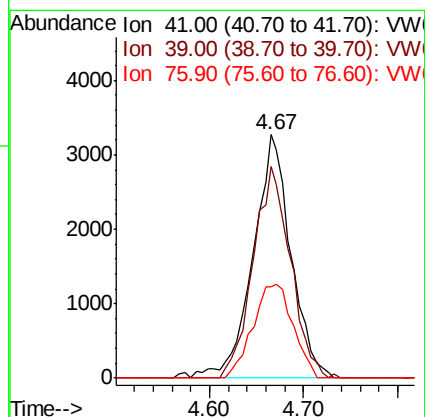
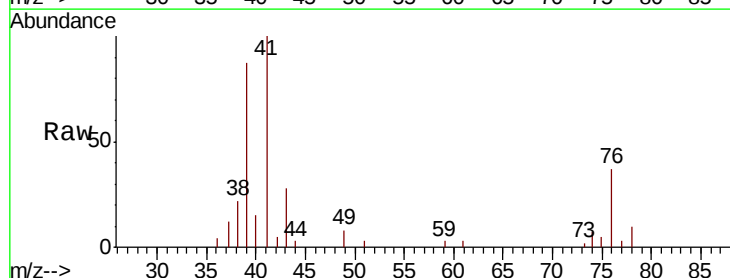
Tgt Ion: 41 Resp: 9168

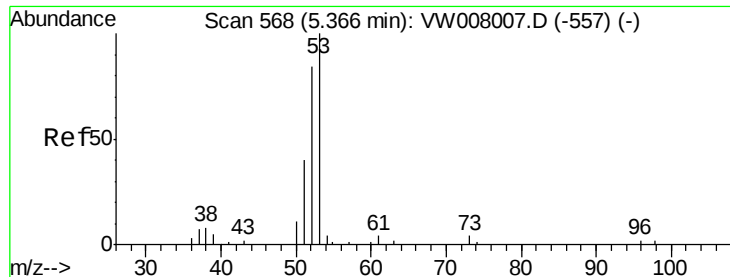
Ion Ratio Lower Upper

41 100

39 86.4 71.1 106.7

76 41.1 33.4 50.2





#15

Acrylonitrile

Concen: 47.596 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

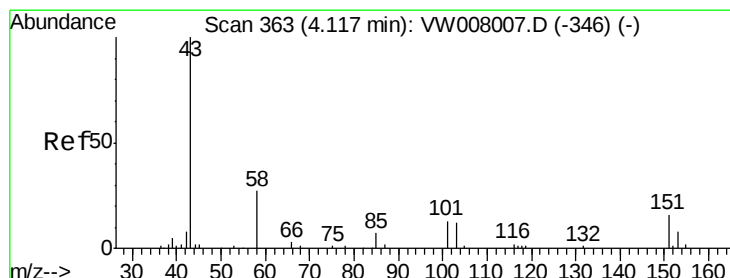
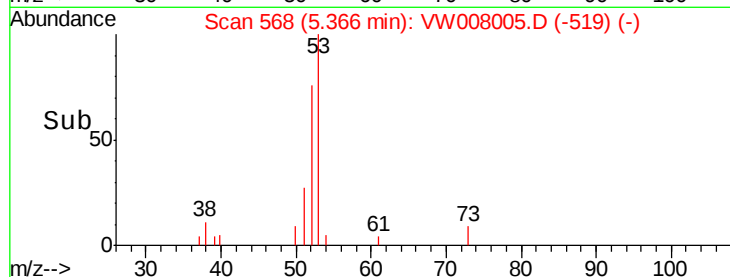
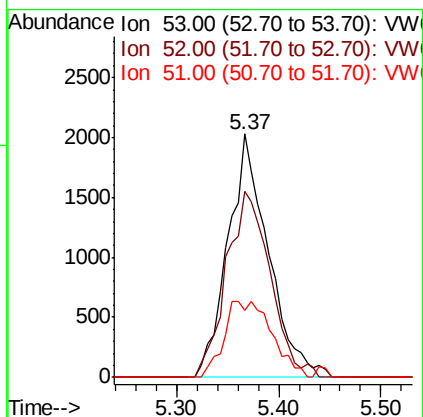
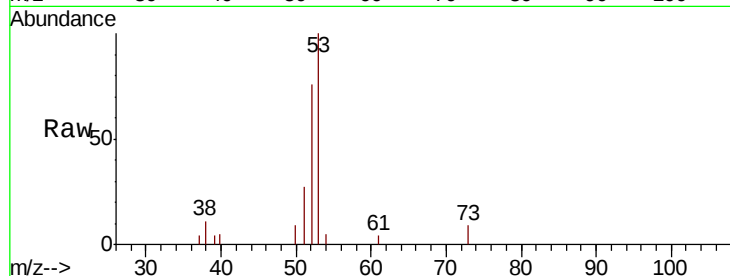
Tgt Ion: 53 Resp: 5571

Ion Ratio Lower Upper

53 100

52 82.9 67.8 101.8

51 36.8 31.5 47.3



#16

Acetone

Concen: 51.027 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008005.D

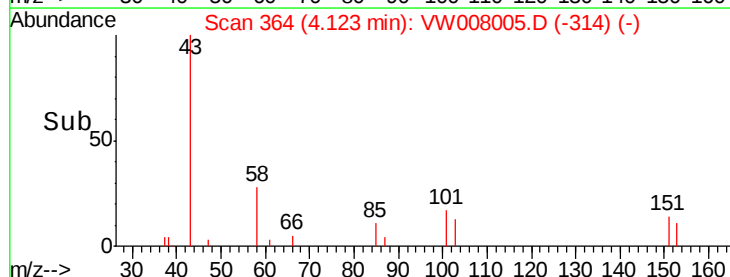
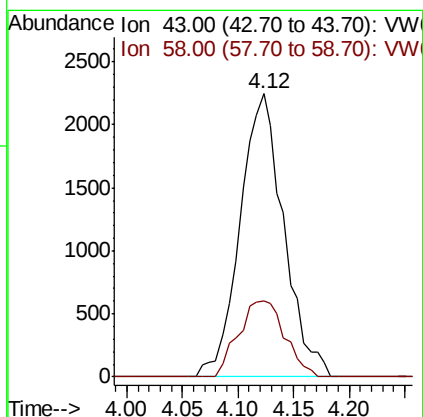
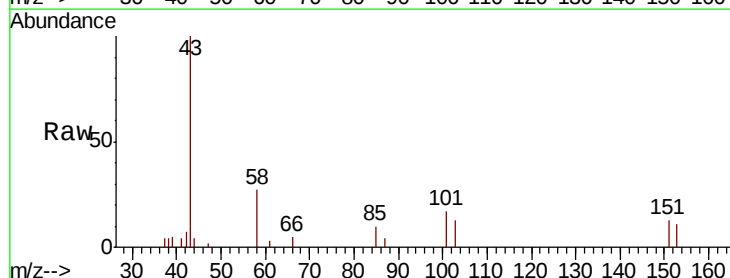
Acq: 02 Jan 2019 13:19

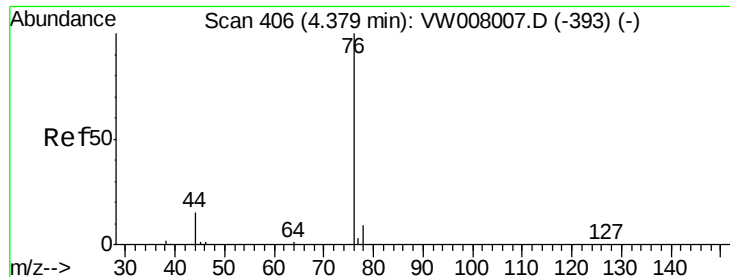
Tgt Ion: 43 Resp: 6133

Ion Ratio Lower Upper

43 100

58 26.9 21.7 32.5

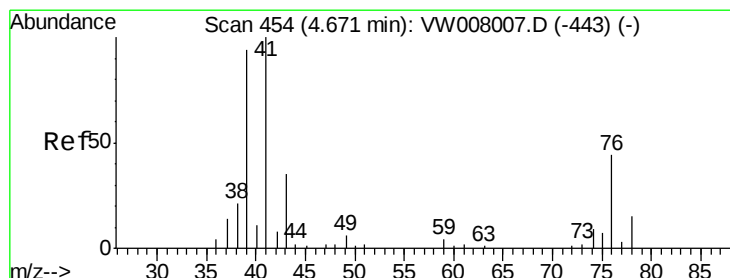
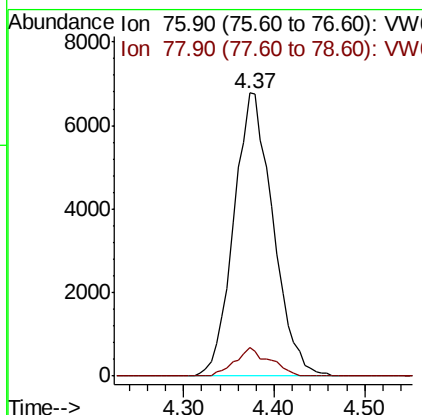
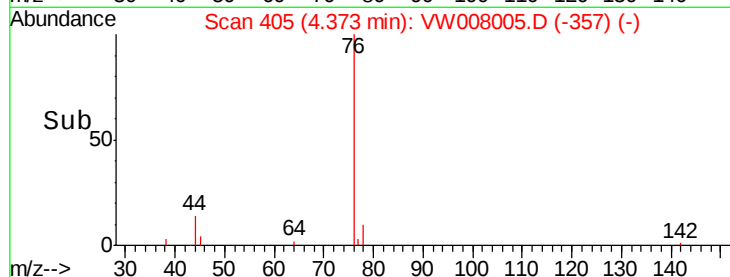
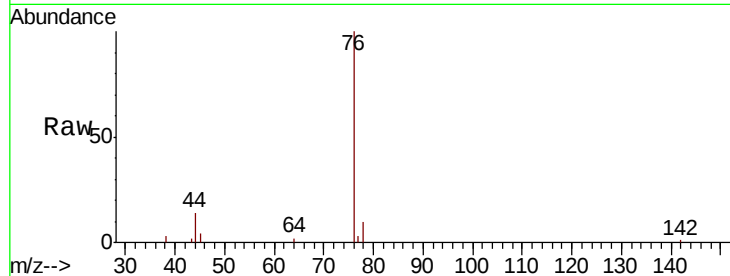




#17
Carbon Disulfide
Concen: 9.447 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

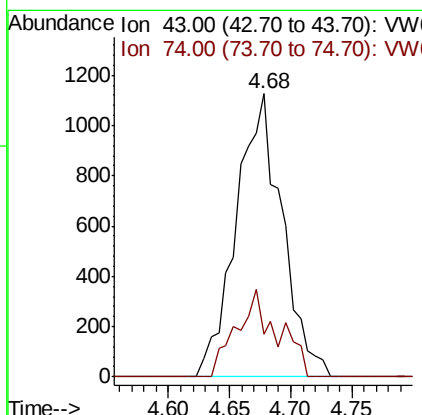
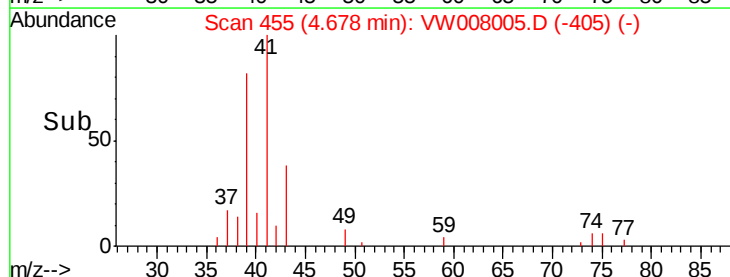
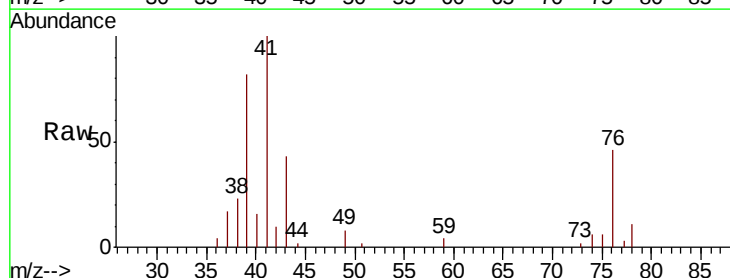
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

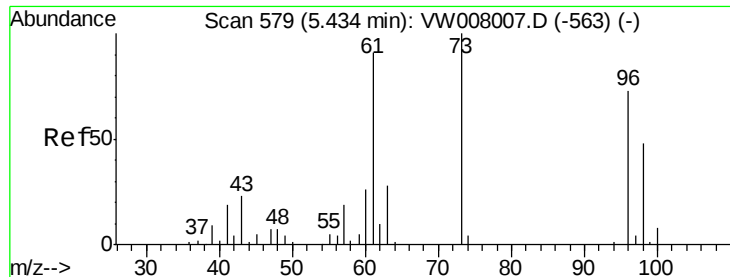
Tgt Ion: 76 Resp: 20338
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.4



#18
Methyl Acetate
Concen: 9.429 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 43 Resp: 2939
Ion Ratio Lower Upper
43 100
74 27.3 21.4 32.2

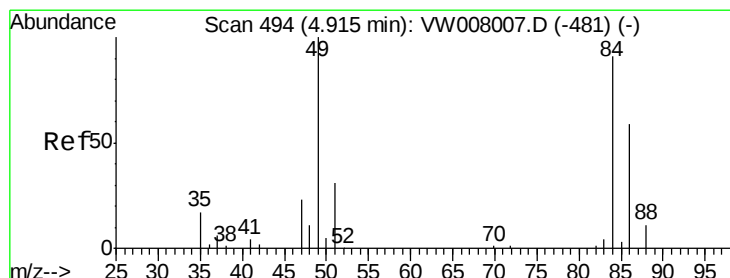
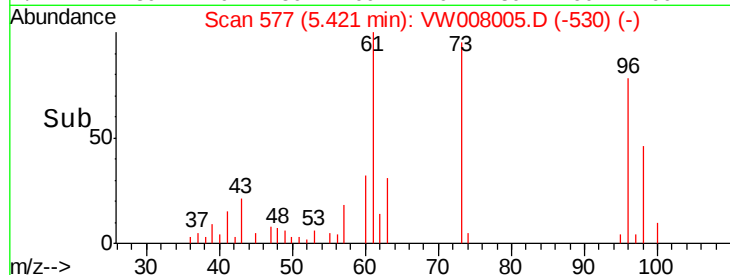
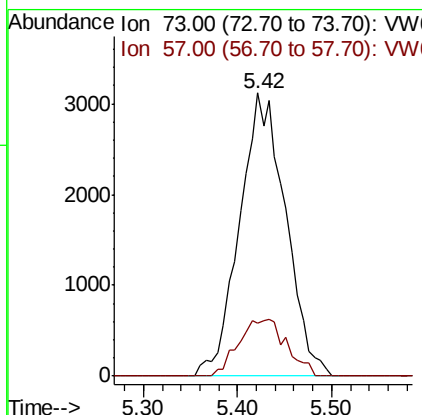
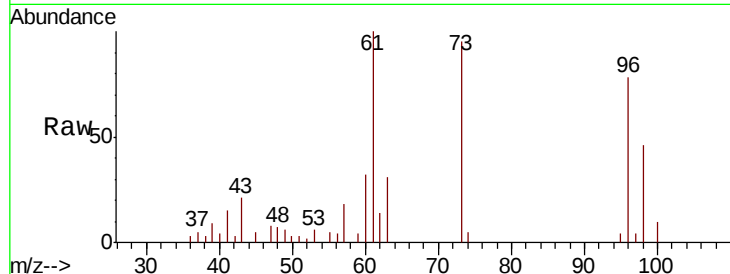




#19
Methyl tert-butyl Ether
Concen: 9.605 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

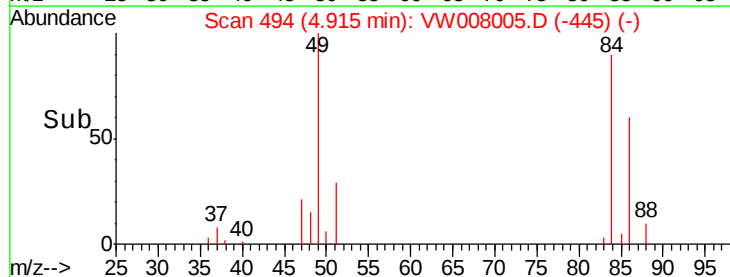
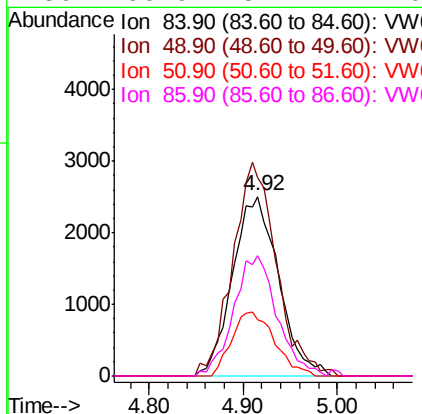
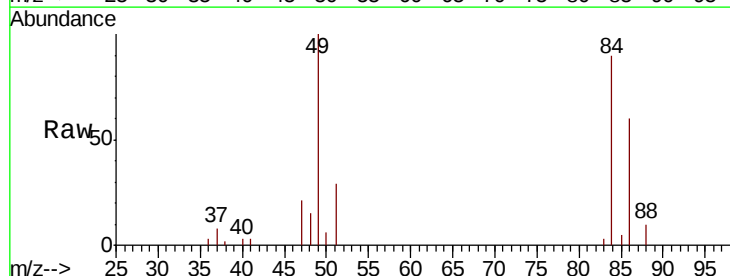
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

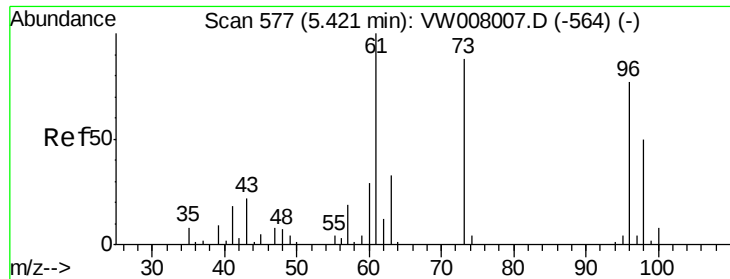
Tgt Ion: 73 Resp: 10653
Ion Ratio Lower Upper
73 100
57 18.8 15.4 23.0



#20
Methylene Chloride
Concen: 10.256 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 84 Resp: 8502
Ion Ratio Lower Upper
84 100
49 110.6 87.7 131.5
51 31.7 27.3 40.9
86 66.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 9.695 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

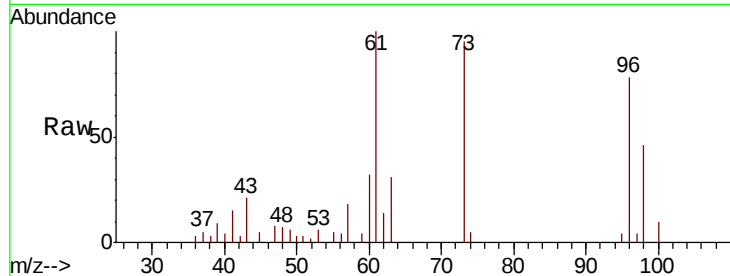
Tgt Ion: 96 Resp: 7434

Ion Ratio Lower Upper

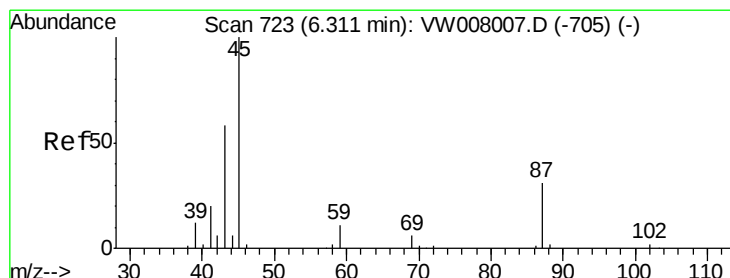
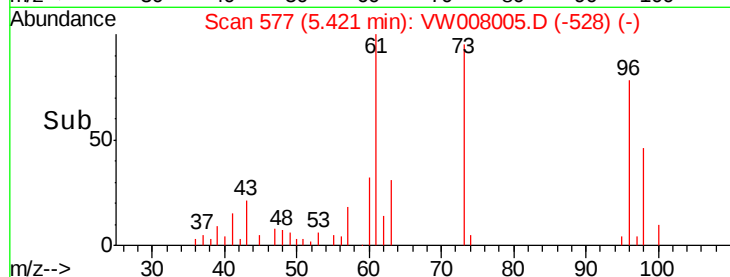
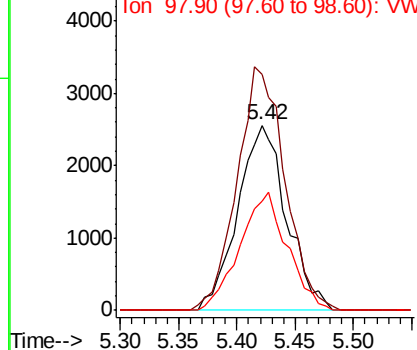
96 100

61 127.7 104.2 156.2

98 58.7 51.8 77.6



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



#22

Diisopropyl ether

Concen: 9.649 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Tgt Ion: 45 Resp: 16537

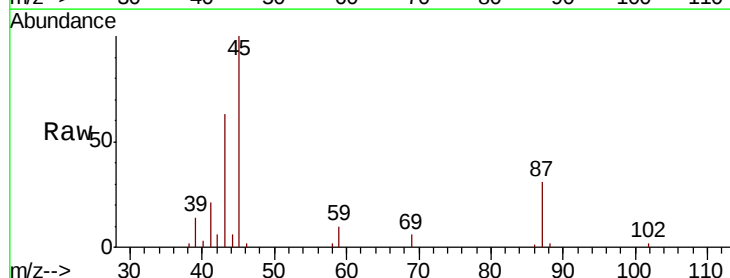
Ion Ratio Lower Upper

45 100

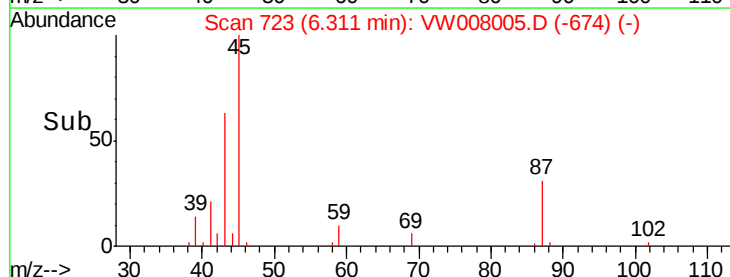
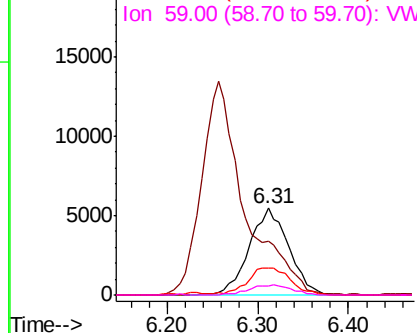
43 61.6 48.1 72.1

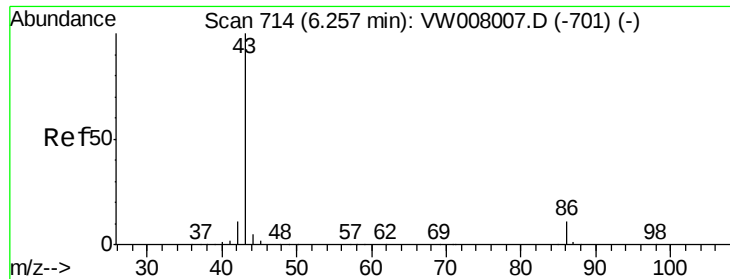
87 31.4 25.8 38.8

59 10.1 8.7 13.1



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: 46.659 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

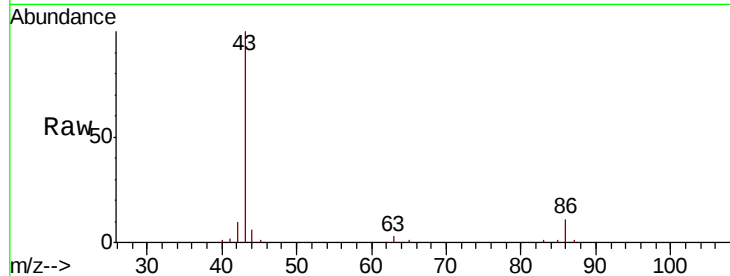
VSTDIC010

Tgt Ion: 43 Resp: 44740

Ion Ratio Lower Upper

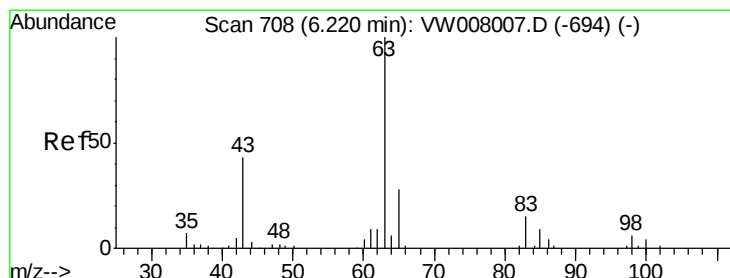
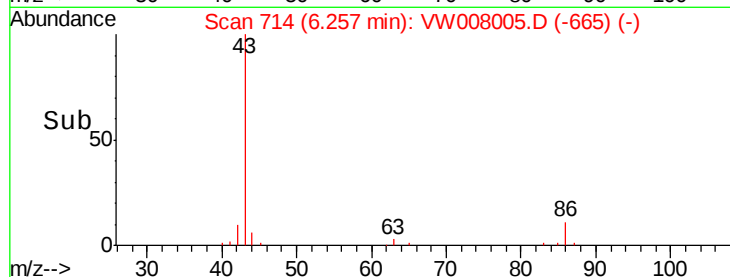
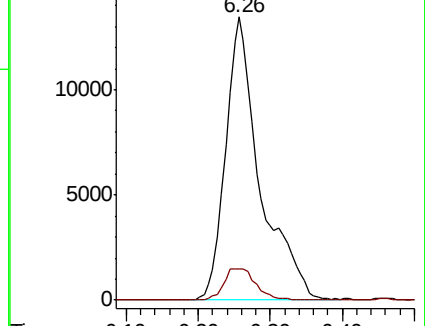
43 100

86 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 9.743 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

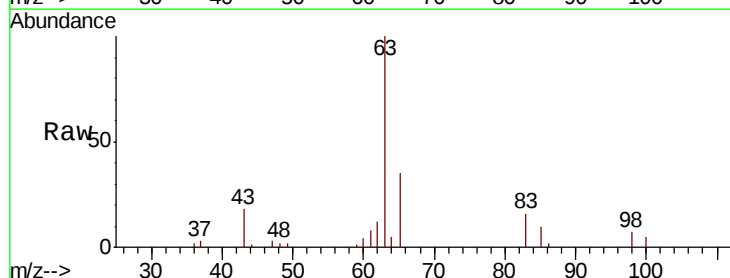
Tgt Ion: 63 Resp: 12407

Ion Ratio Lower Upper

63 100

98 7.2 3.2 9.6

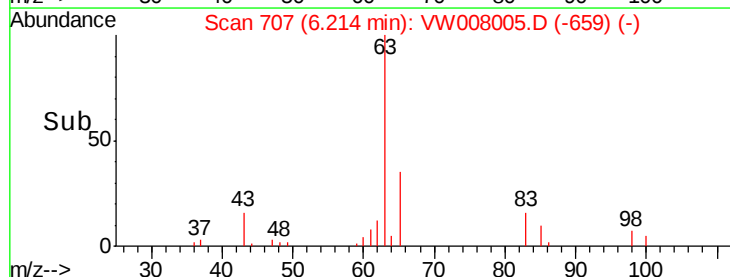
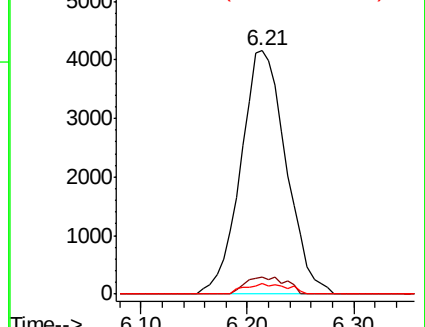
100 4.6 2.1 6.2

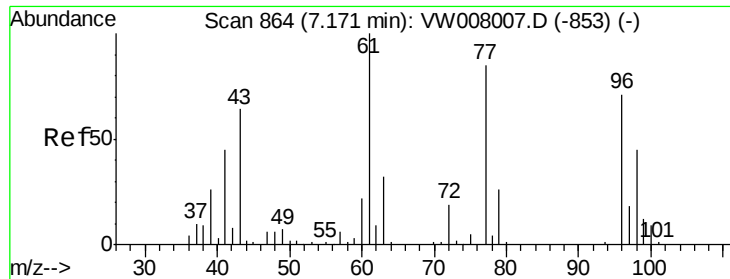


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 48.309 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampled :

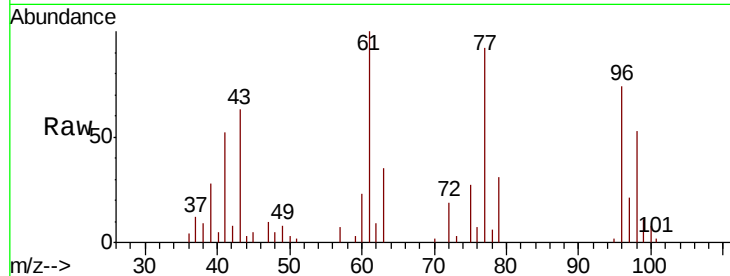
VSTDIC010

Tgt Ion: 43 Resp: 6841

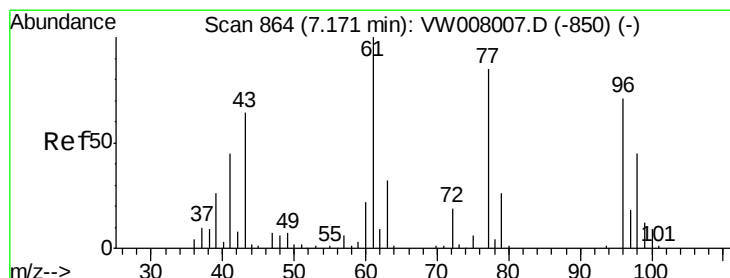
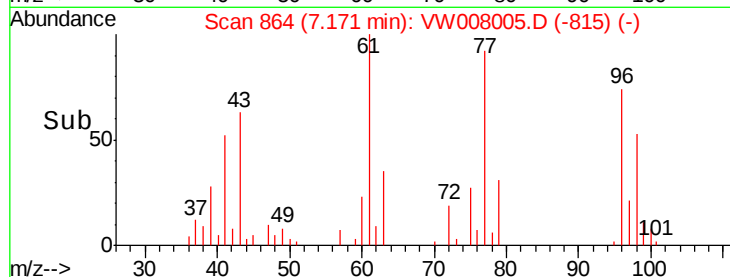
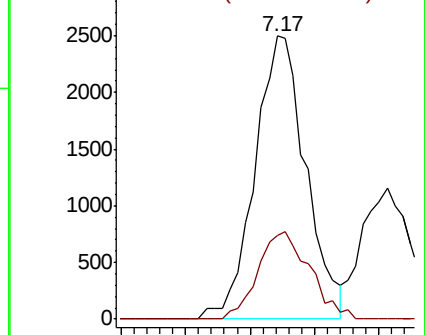
Ion Ratio Lower Upper

43 100

72 29.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 10.362 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008005.D

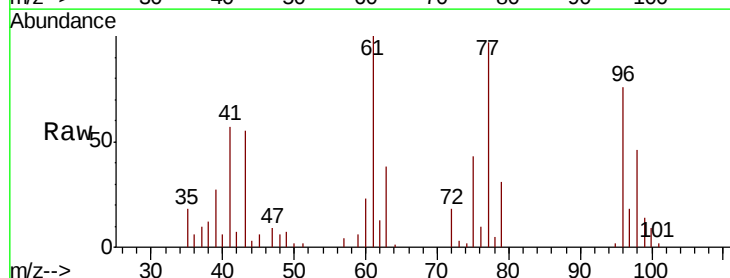
Acq: 02 Jan 2019 13:19

Tgt Ion: 77 Resp: 10871

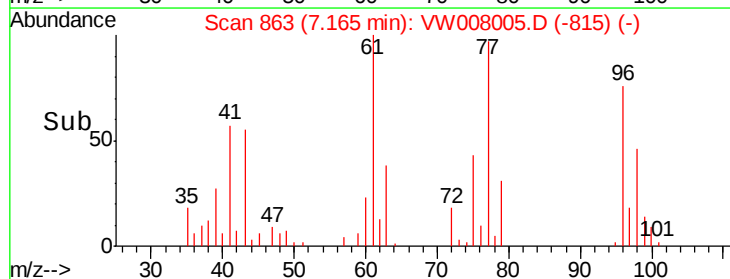
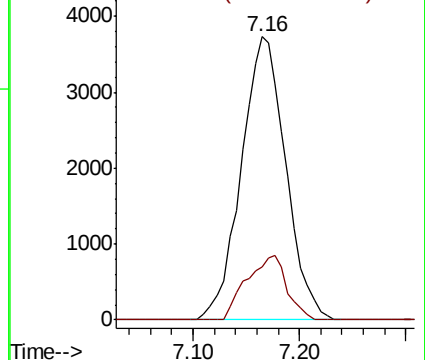
Ion Ratio Lower Upper

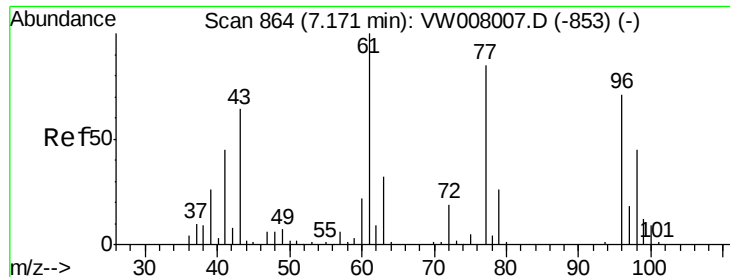
77 100

97 20.6 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



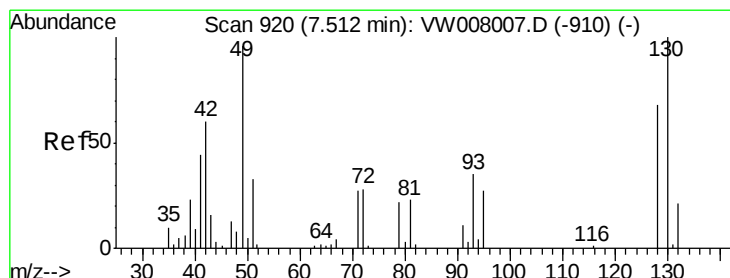
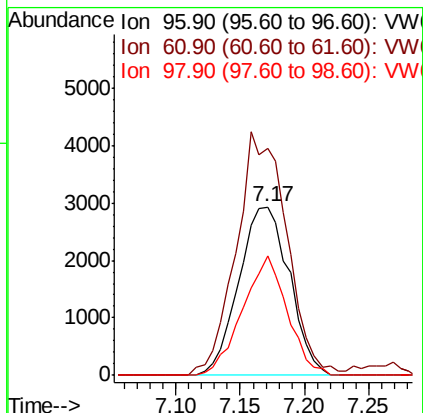
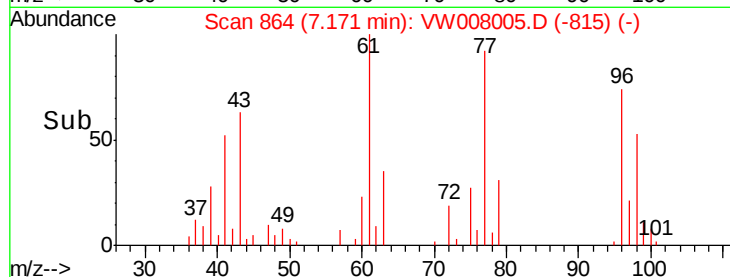
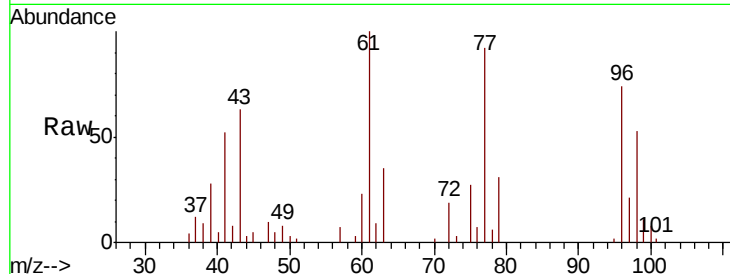


#27

cis-1,2-Dichloroethene
Concen: 9.768 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

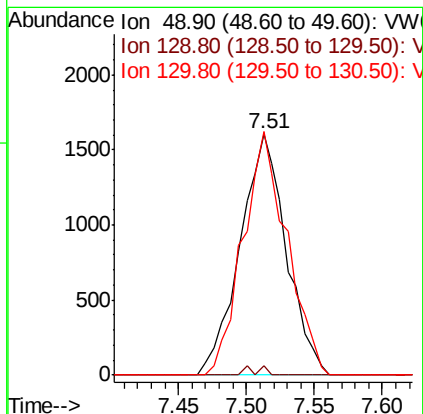
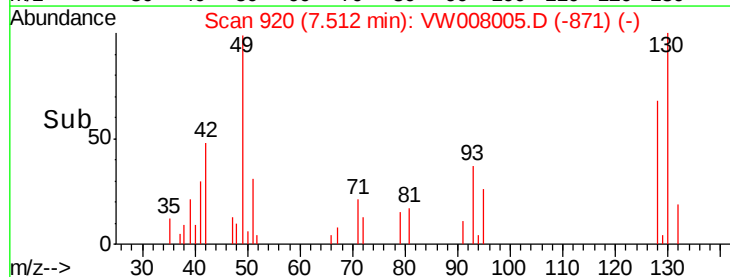
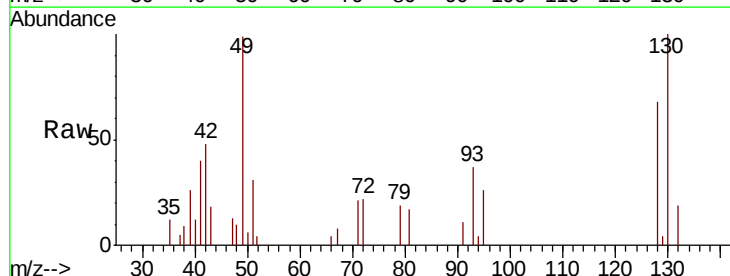
Tgt Ion: 96 Resp: 7979
Ion Ratio Lower Upper
96 100
61 144.0 0.0 286.4
98 62.6 0.0 130.6

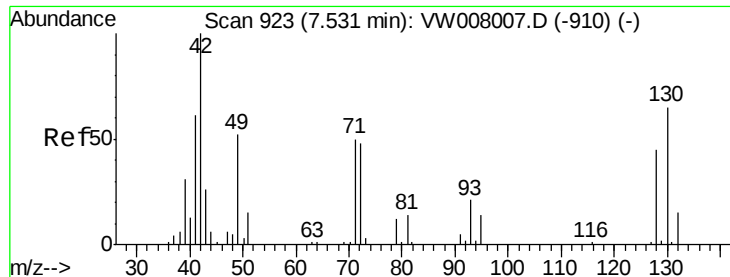


#28

Bromochloromethane
Concen: 9.299 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 49 Resp: 3806
Ion Ratio Lower Upper
49 100
129 1.2 0.0 0.8#
130 96.2 78.5 117.7





#29

Tetrahydrofuran

Concen: 47.021 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

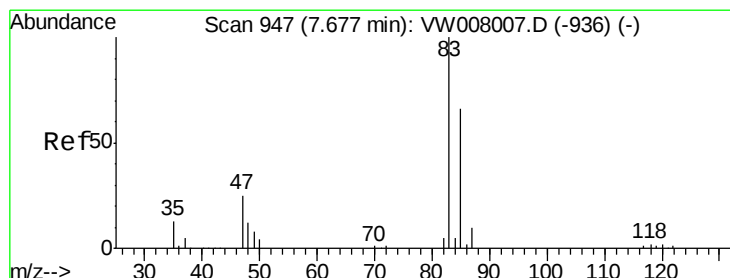
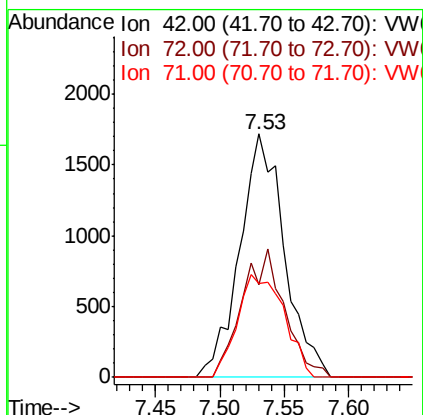
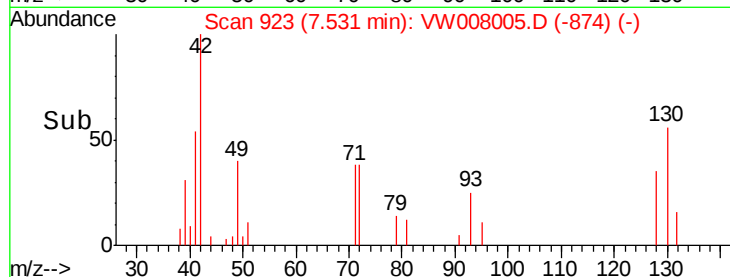
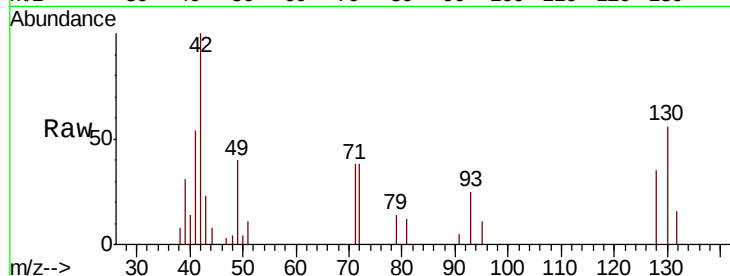
Tgt Ion: 42 Resp: 4136

Ion Ratio Lower Upper

42 100

72 49.9 39.0 58.6

71 43.9 39.1 58.7



#30

Chloroform

Concen: 9.527 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW008005.D

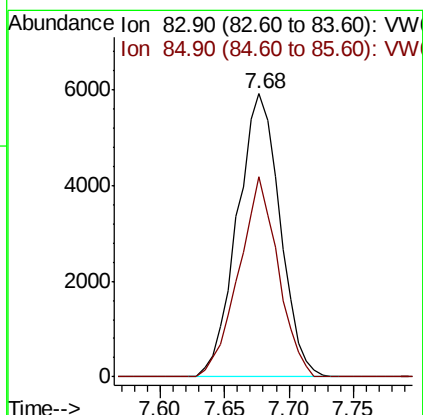
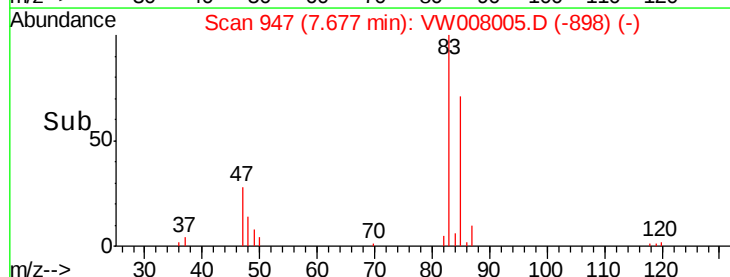
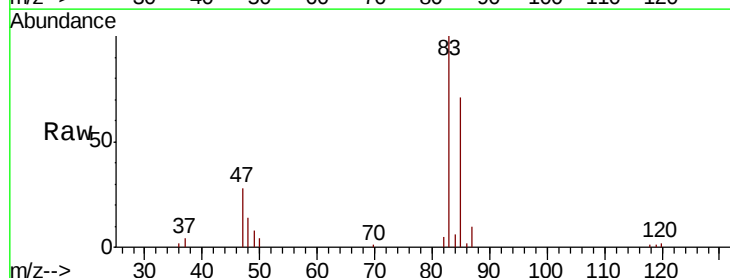
Acq: 02 Jan 2019 13:19

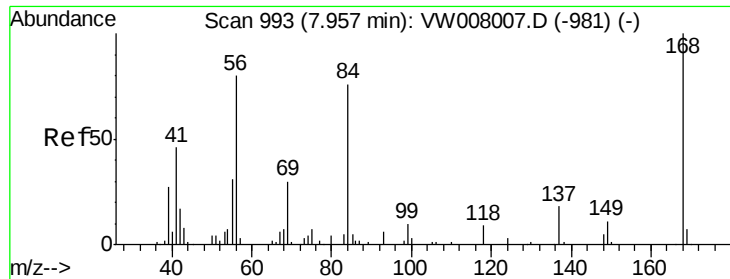
Tgt Ion: 83 Resp: 13596

Ion Ratio Lower Upper

83 100

85 70.6 52.7 79.1

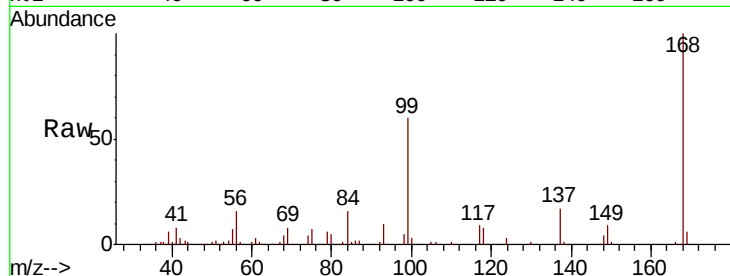




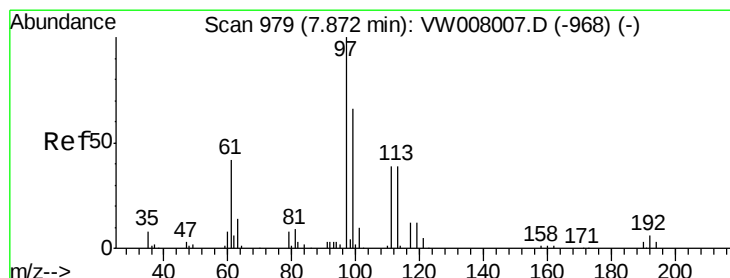
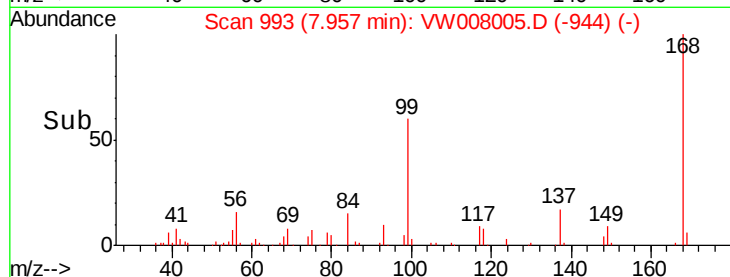
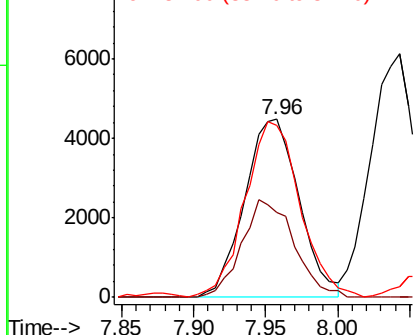
#31
Cyclohexane
Concen: 9.958 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 11818
Ion Ratio Lower Upper
56 100
69 47.6 29.8 44.6#
84 96.6 75.2 112.8

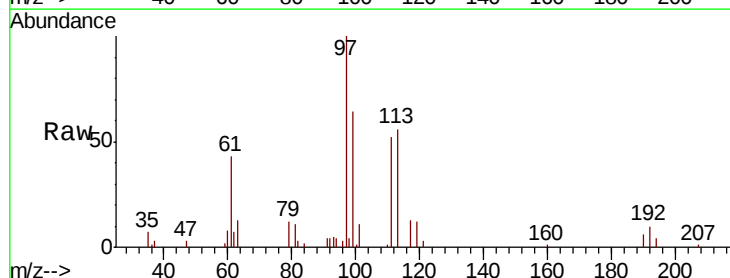


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

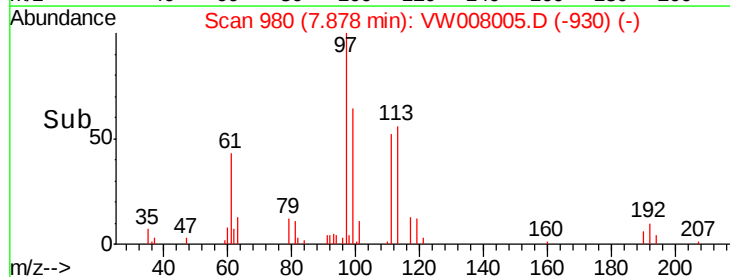
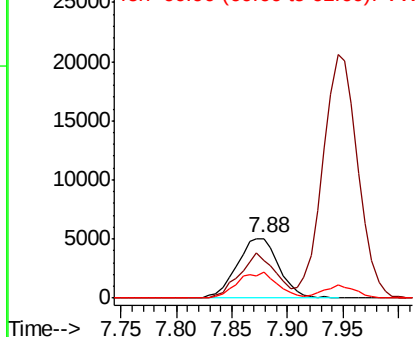


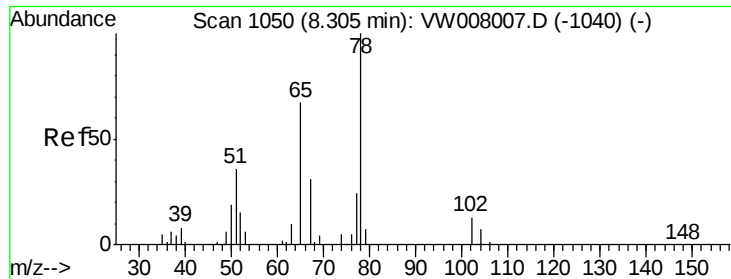
#32
1,1,1-Trichloroethane
Concen: 9.635 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 97 Resp: 13157
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 42.0 33.4 50.0



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





#33

1,2-Dichloroethane-d4

Concen: 9.712 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

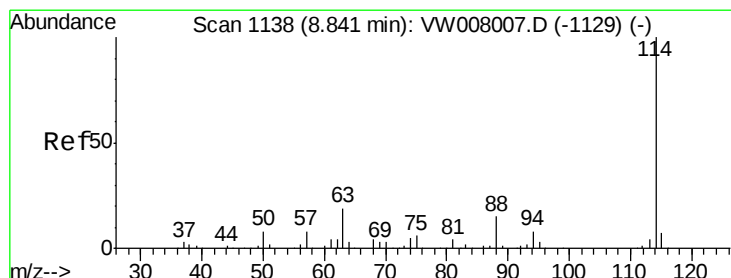
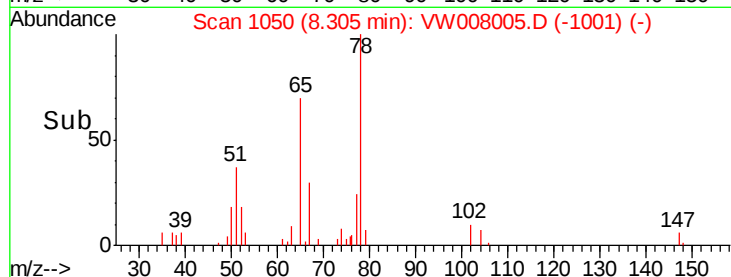
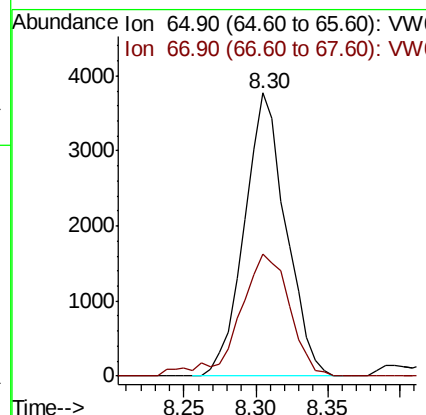
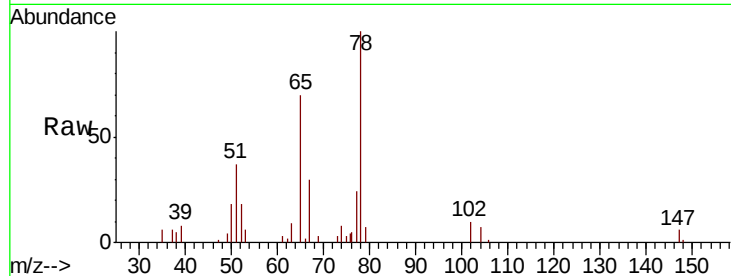
VSTDIC010

Tgt Ion: 65 Resp: 7541

Ion Ratio Lower Upper

65 100

67 51.8 0.0 94.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

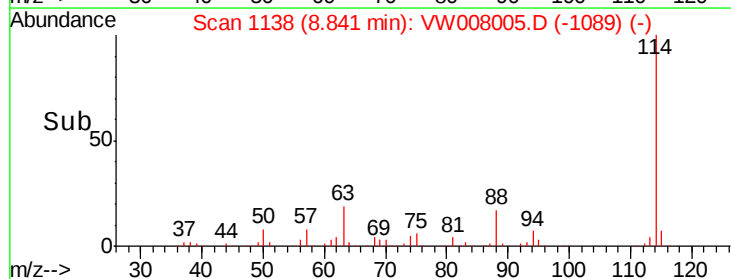
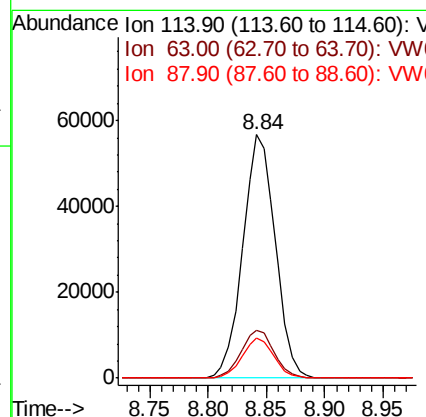
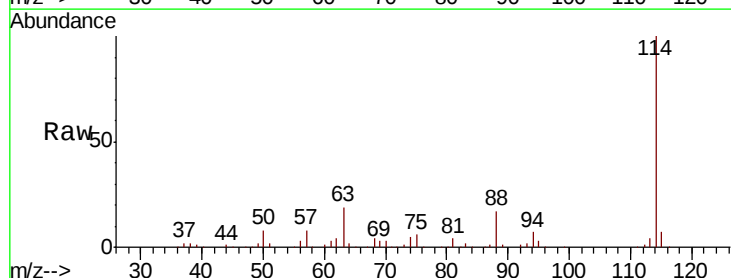
Tgt Ion: 114 Resp: 109870

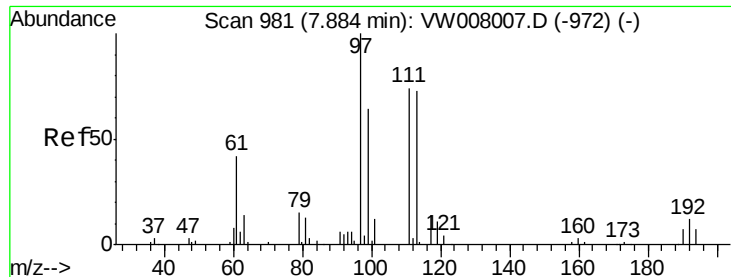
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.8

88 16.5 0.0 31.0

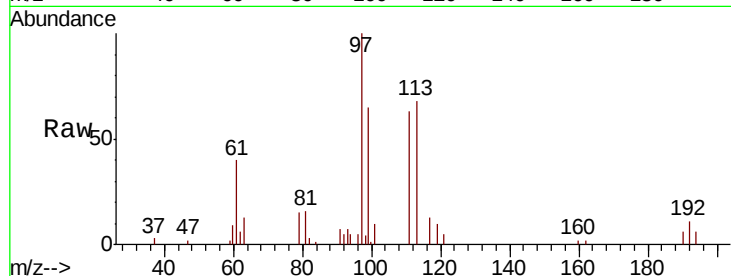




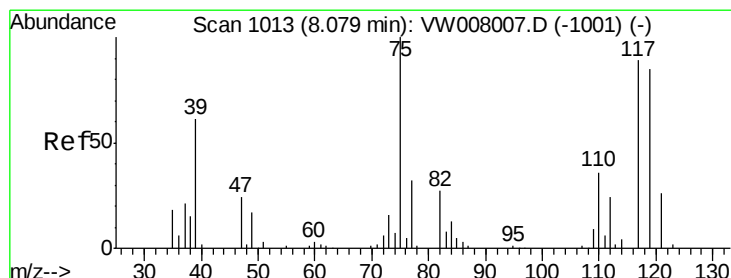
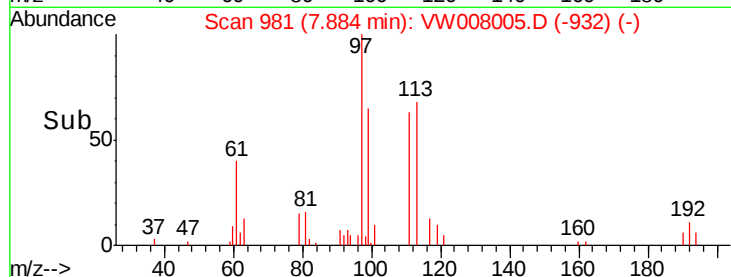
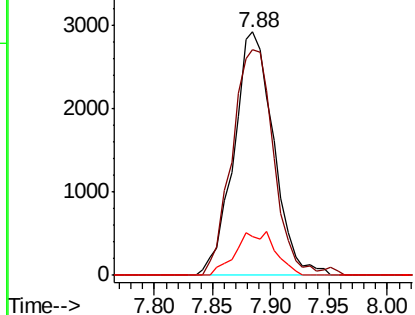
#35
 Dibromofluoromethane
 Concen: 10.000 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 113 Resp: 6926
 Ion Ratio Lower Upper
 113 100
 111 96.6 81.4 122.0
 192 17.7 14.8 22.2

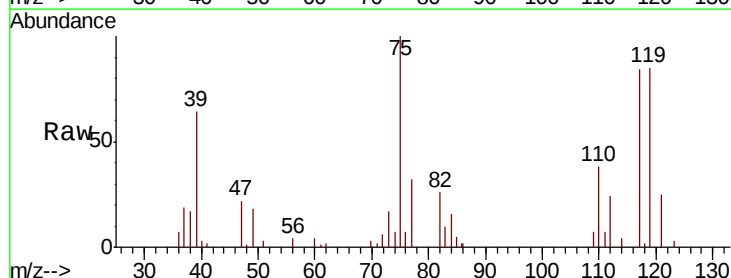


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

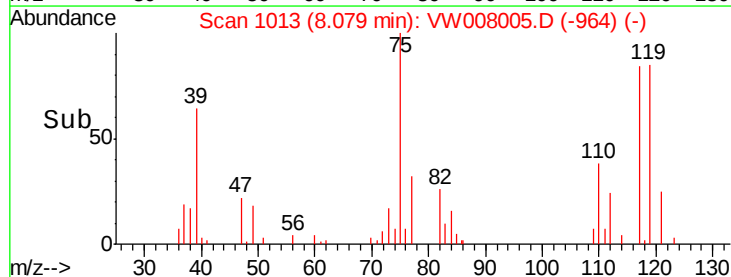
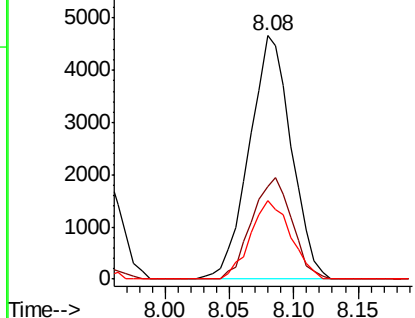


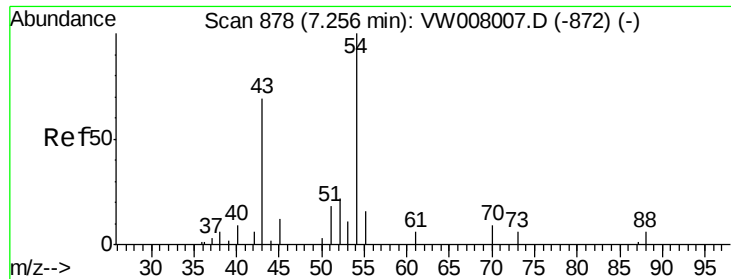
#36
 1,1-Dichloropropene
 Concen: 9.717 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion: 75 Resp: 10532
 Ion Ratio Lower Upper
 75 100
 110 39.8 18.1 54.3
 77 30.6 25.3 37.9



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: 9.642 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

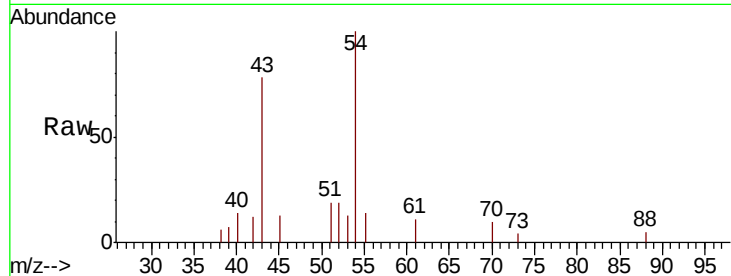
Tgt Ion: 43 Resp: 3139

Ion Ratio Lower Upper

43 100

61 14.9 11.4 17.2

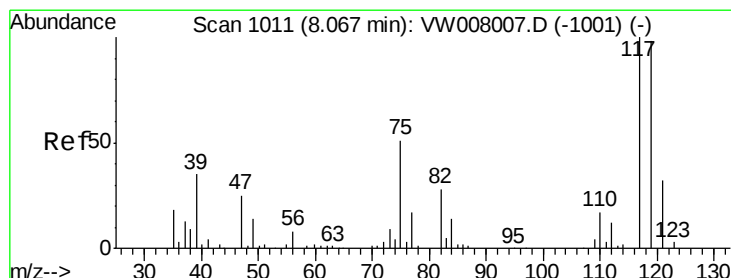
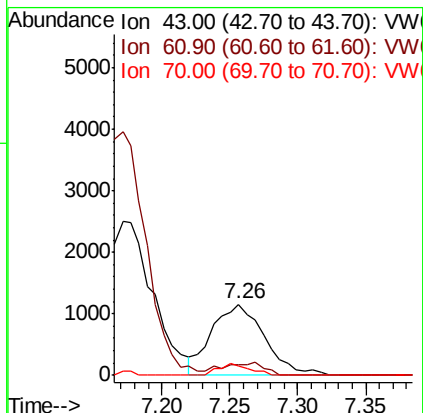
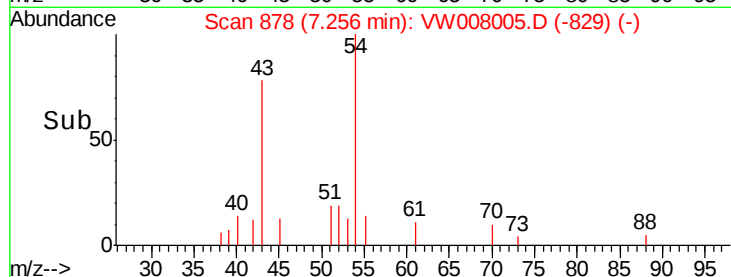
70 9.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 9.724 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

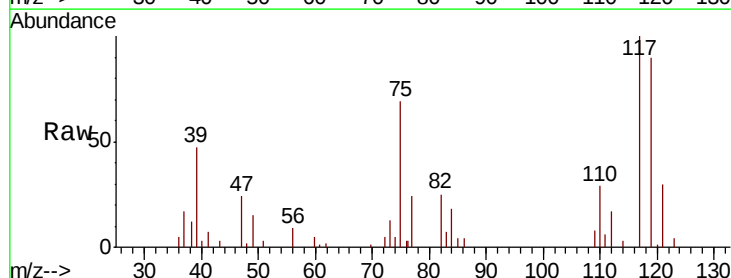
Tgt Ion: 117 Resp: 12631

Ion Ratio Lower Upper

117 100

119 89.8 78.7 118.1

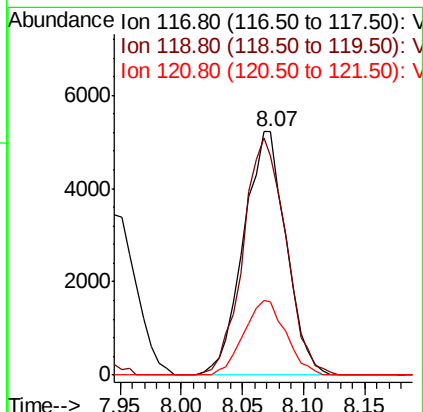
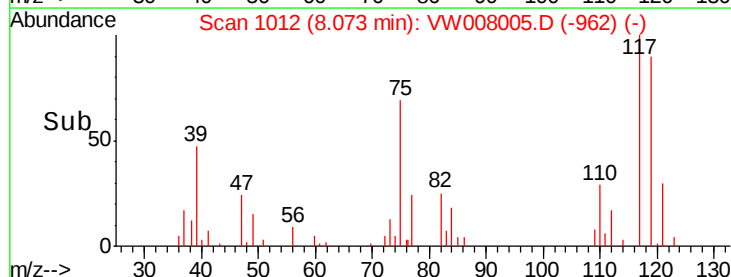
121 30.3 25.8 38.8

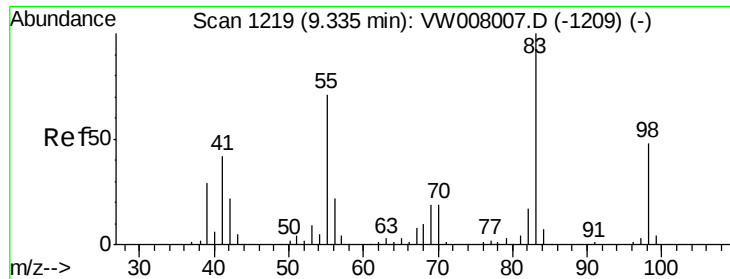


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

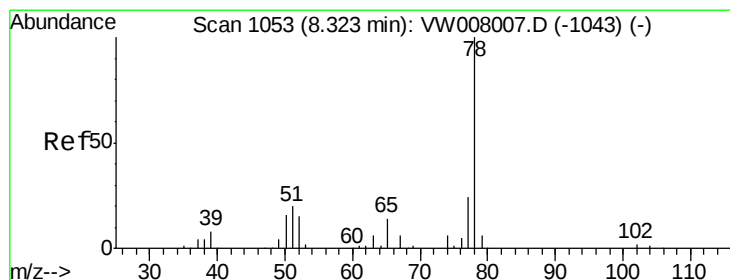
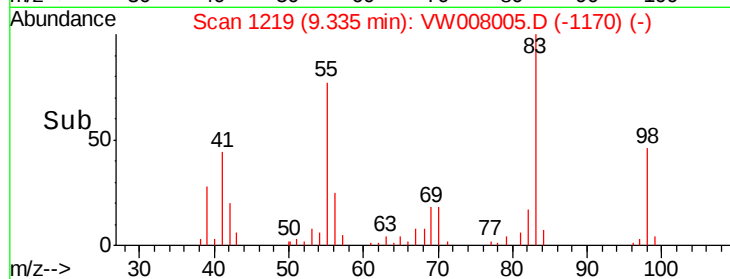
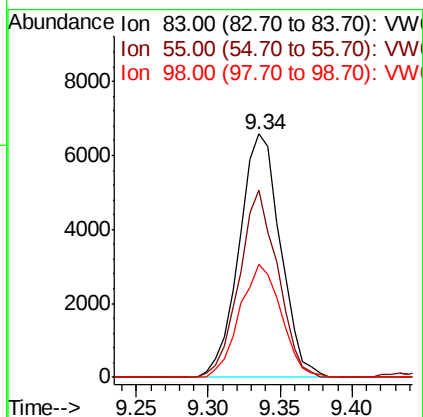
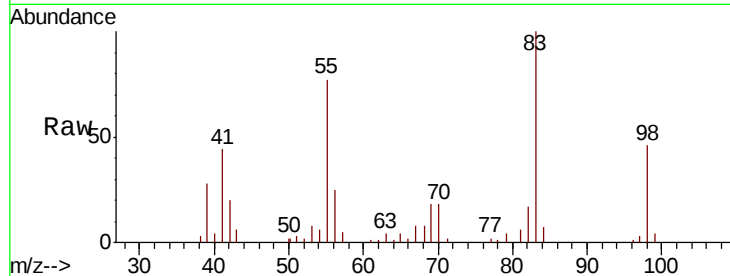




#39
Methylcyclohexane
Concen: 9.660 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

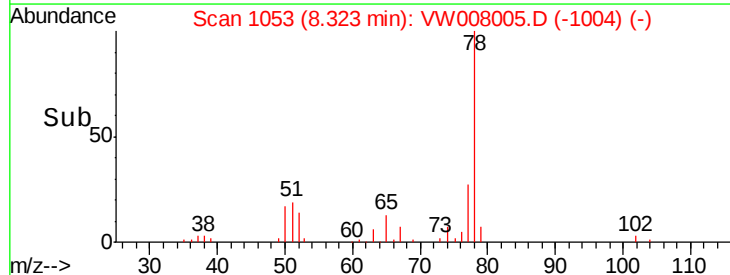
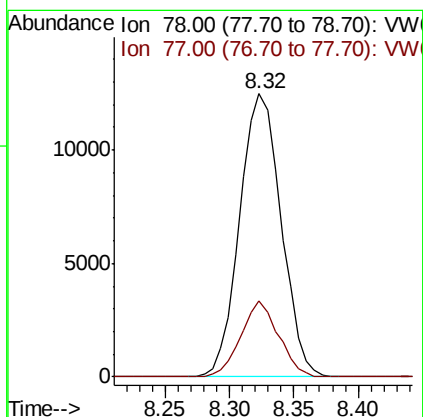
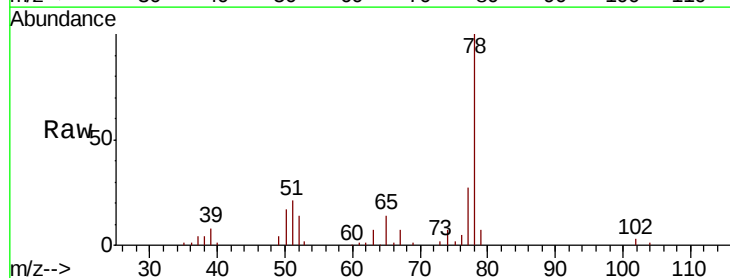
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

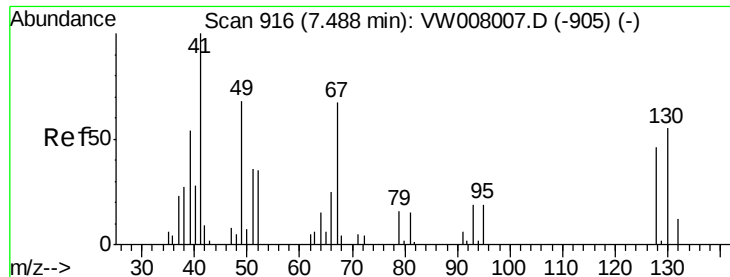
Tgt Ion: 83 Resp: 13050
Ion Ratio Lower Upper
83 100
55 77.1 56.8 85.2
98 46.4 38.6 58.0



#40
Benzene
Concen: 9.730 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 78 Resp: 27819
Ion Ratio Lower Upper
78 100
77 26.7 19.0 28.6

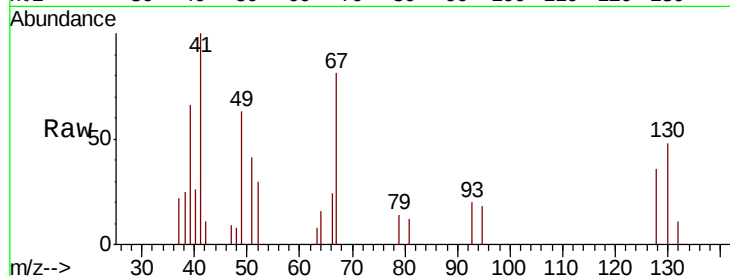




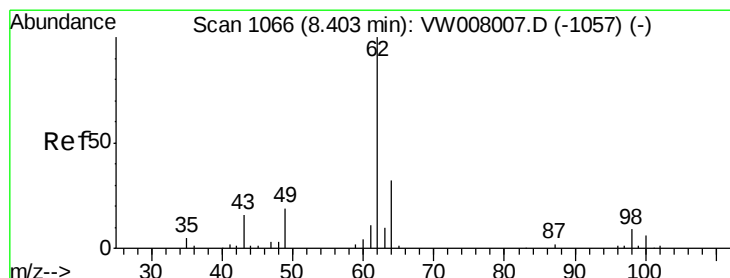
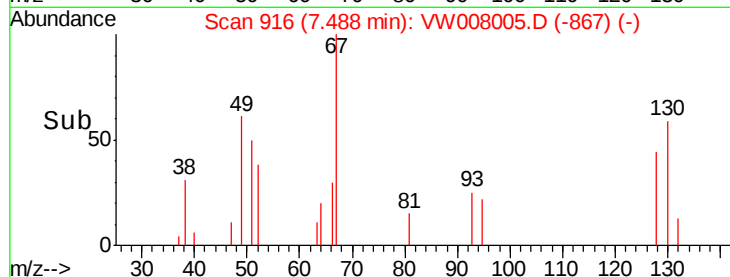
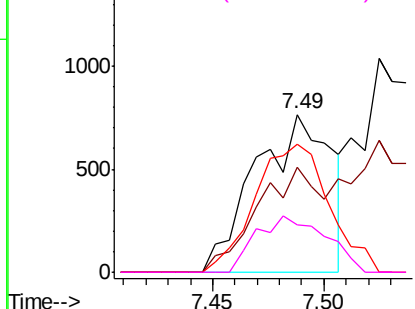
#41
Methacrylonitrile
Concen: 9.053 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 1816
Ion Ratio Lower Upper
41 100
39 55.7 48.6 72.8
67 79.0 55.6 83.4
52 32.9 25.9 38.9

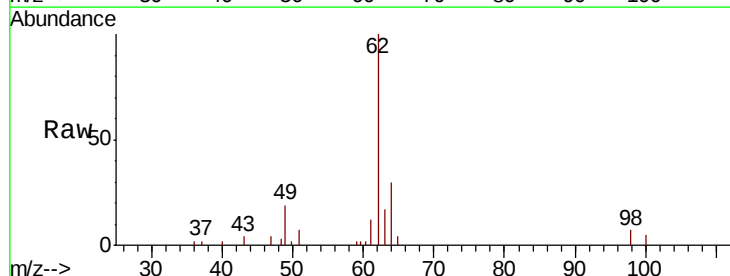


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

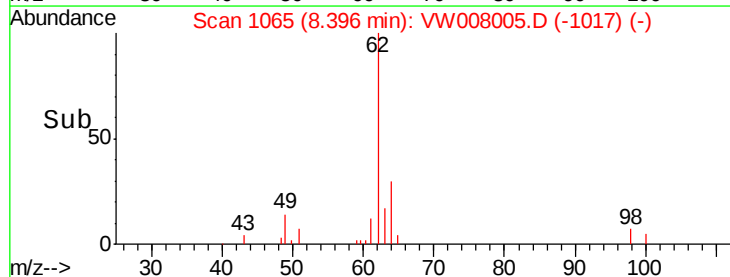
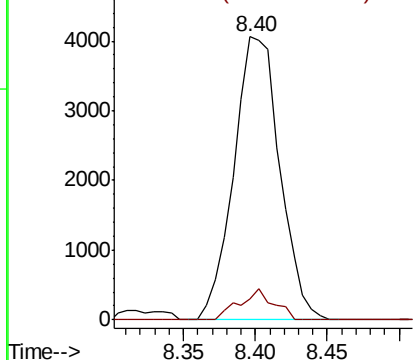


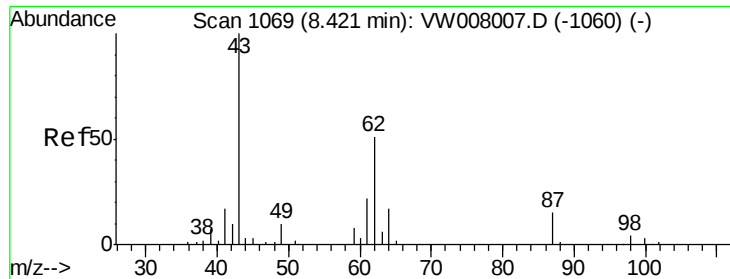
#42
1,2-Dichloroethane
Concen: 9.461 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 62 Resp: 9013
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.6



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





#43

Isopropyl Acetate

Concen: 9.391 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

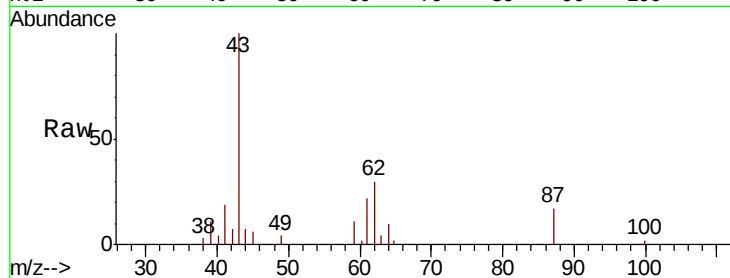
Tgt Ion: 43 Resp: 6109

Ion Ratio Lower Upper

43 100

61 34.5 26.4 39.6

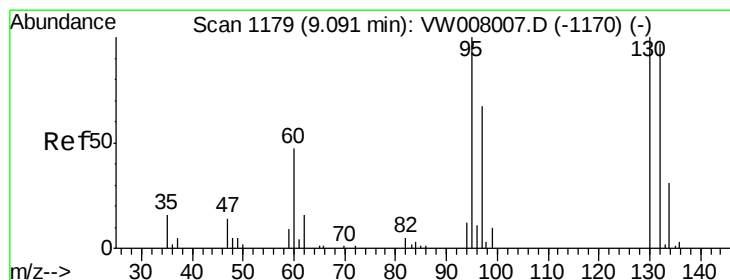
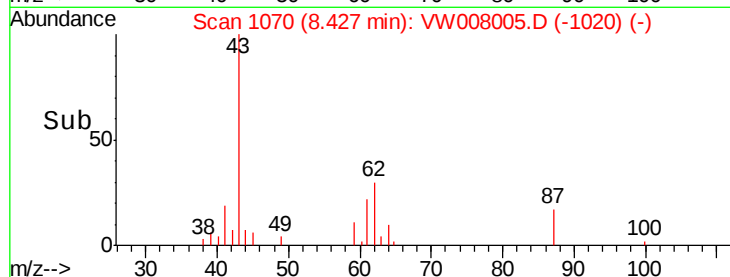
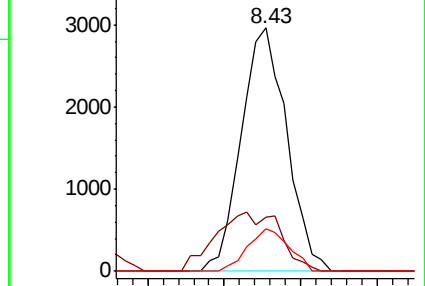
87 15.9 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 10.036 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008005.D

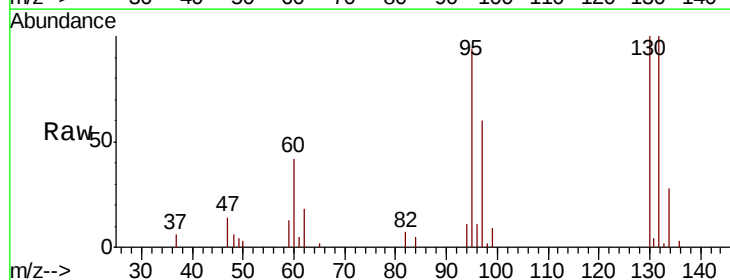
Acq: 02 Jan 2019 13:19

Tgt Ion: 130 Resp: 8468

Ion Ratio Lower Upper

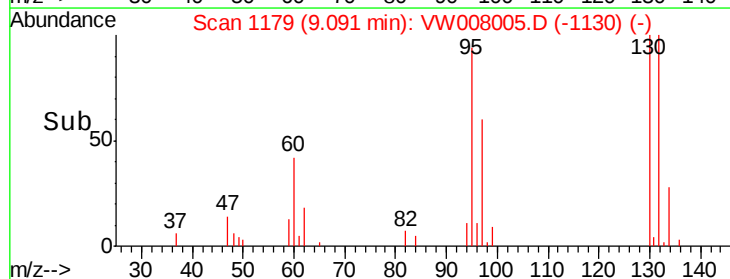
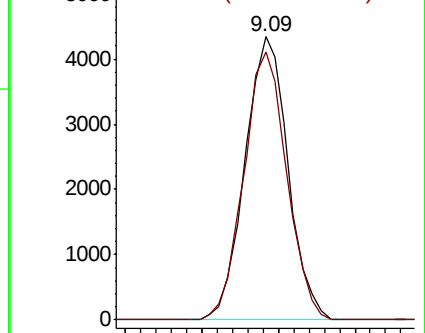
130 100

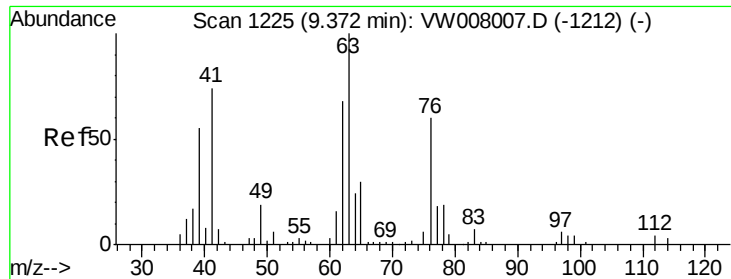
95 94.9 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

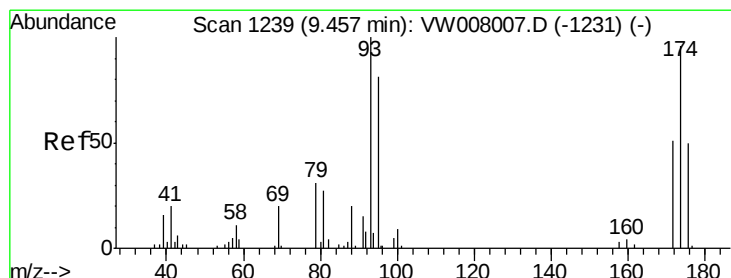
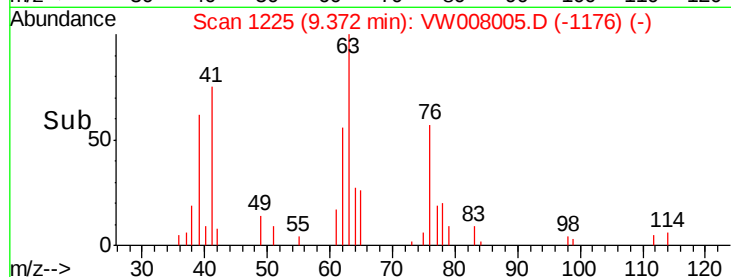
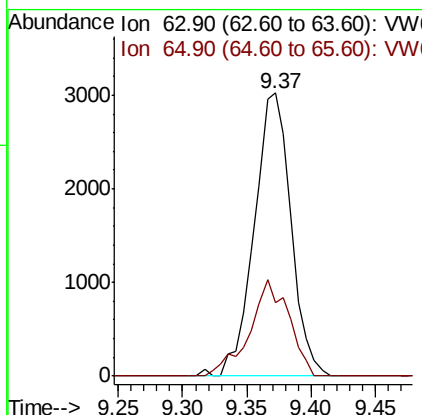
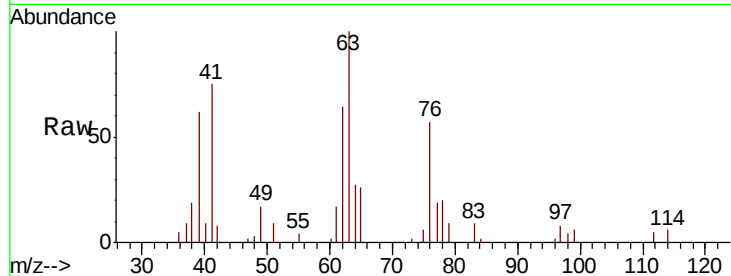




#45
 1,2-Dichloropropane
 Concen: 9.637 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

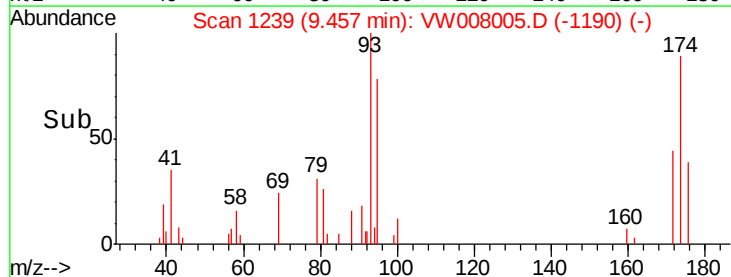
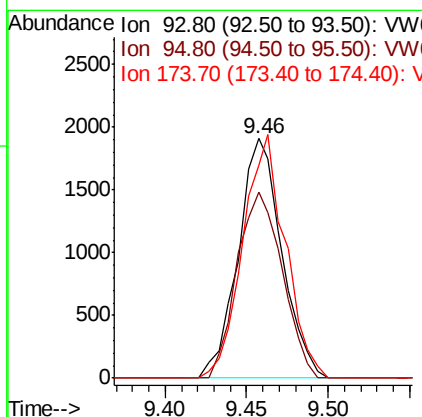
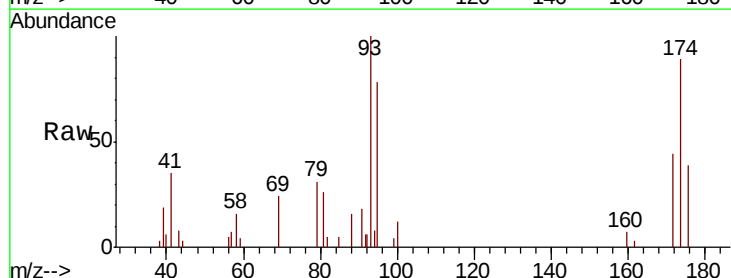
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

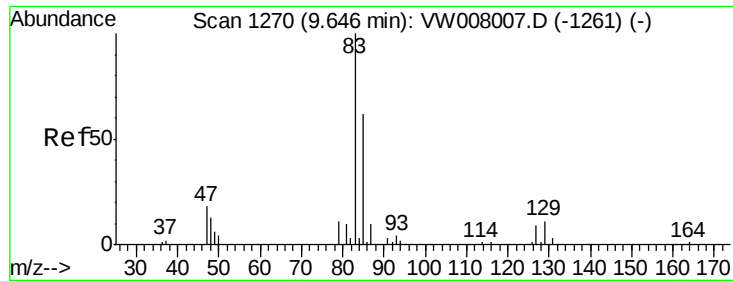
Tgt Ion: 63 Resp: 5964
 Ion Ratio Lower Upper
 63 100
 65 25.8 24.2 36.4



#46
 Dibromomethane
 Concen: 9.836 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion: 93 Resp: 3559
 Ion Ratio Lower Upper
 93 100
 95 80.4 63.9 95.9
 174 98.4 79.0 118.6





#47

Bromodichloromethane

Concen: 9.790 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

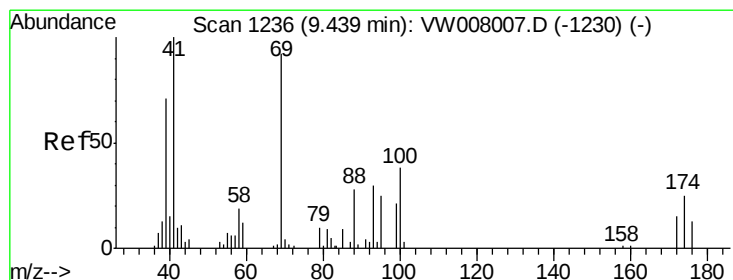
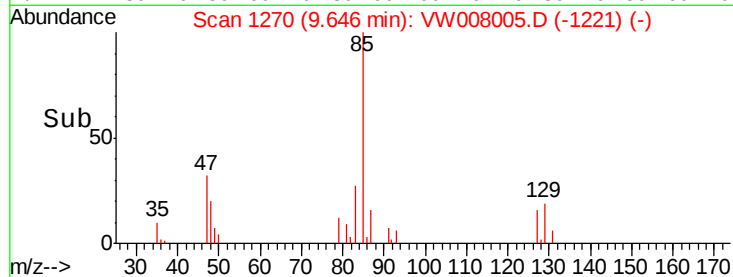
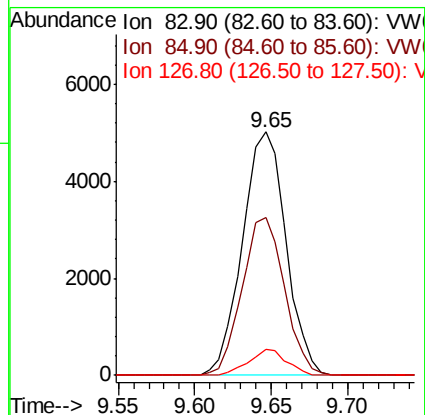
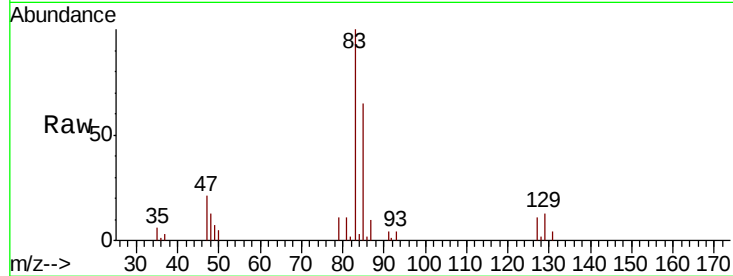
Tgt Ion: 83 Resp: 9922

Ion Ratio Lower Upper

83 100

85 64.8 49.5 74.3

127 10.6 7.5 11.3



#48

Methyl methacrylate

Concen: 8.946 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

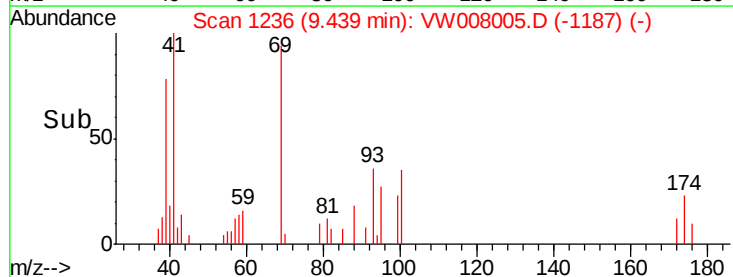
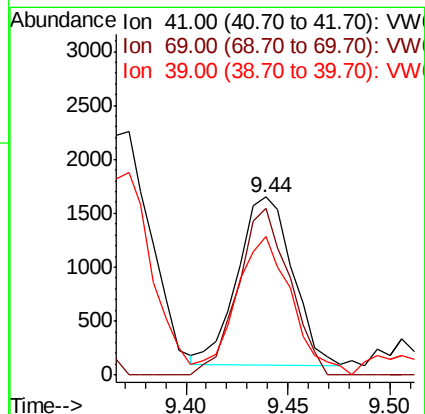
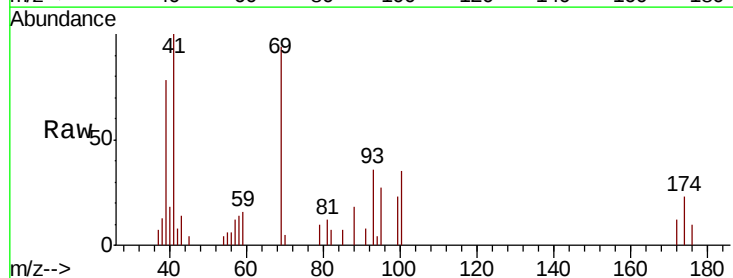
Tgt Ion: 41 Resp: 2934

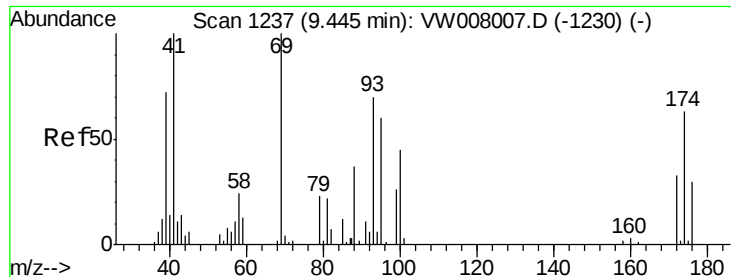
Ion Ratio Lower Upper

41 100

69 92.1 72.3 108.5

39 83.0 58.7 88.1





#49

1,4-Dioxane

Concen: 166.770 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

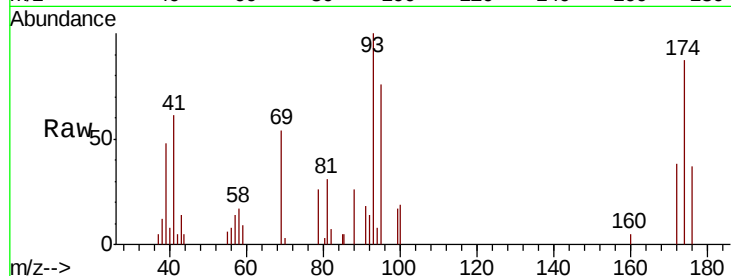
Tgt Ion: 88 Resp: 893

Ion Ratio Lower Upper

88 100

43 28.6 26.8 40.2

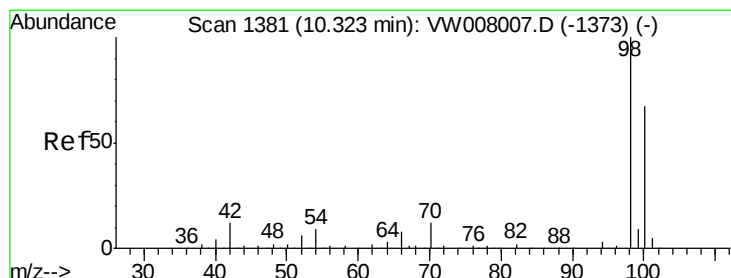
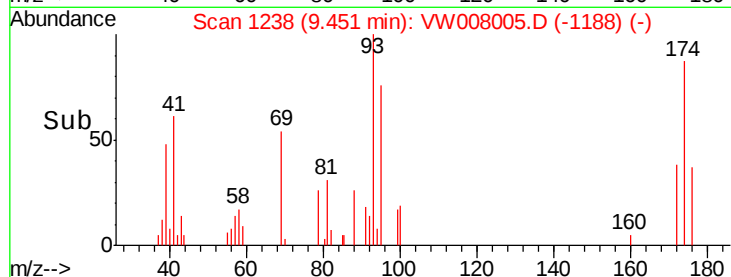
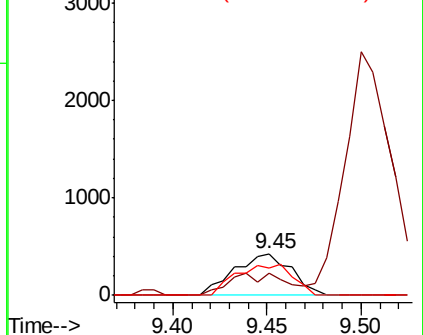
58 73.2 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 10.038 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW008005.D

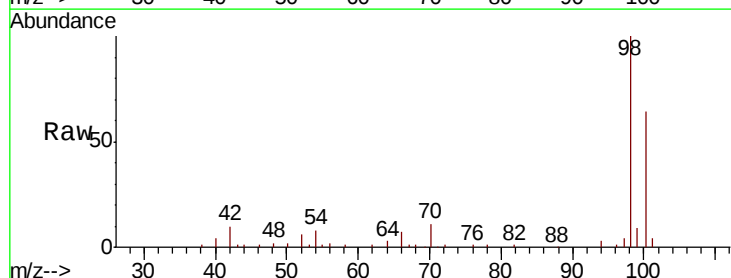
Acq: 02 Jan 2019 13:19

Tgt Ion: 98 Resp: 26082

Ion Ratio Lower Upper

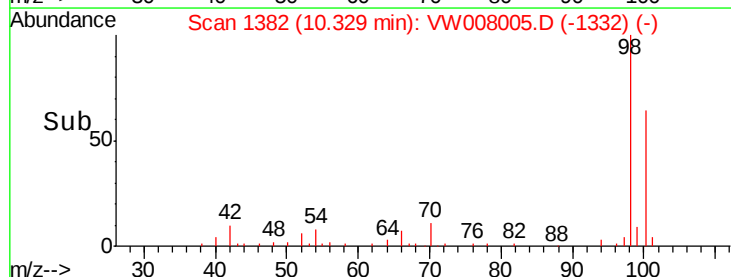
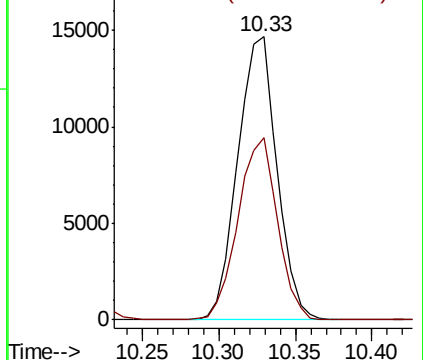
98 100

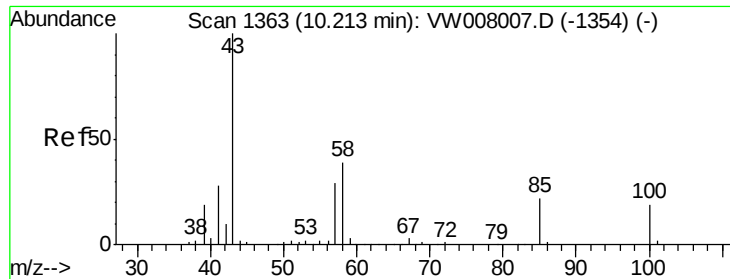
100 64.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

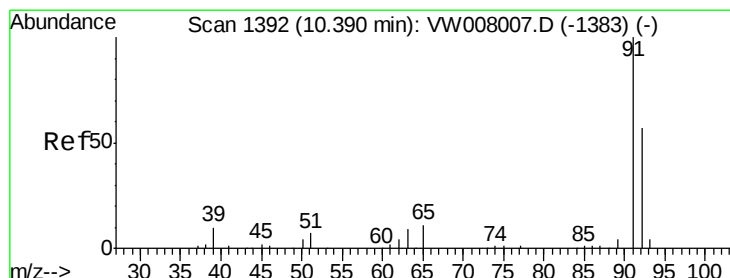
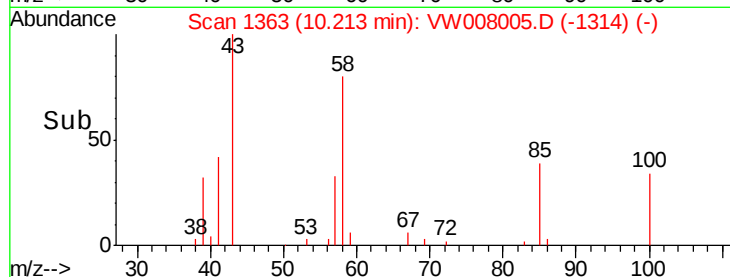
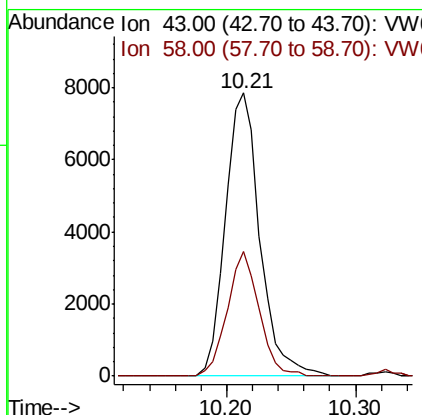
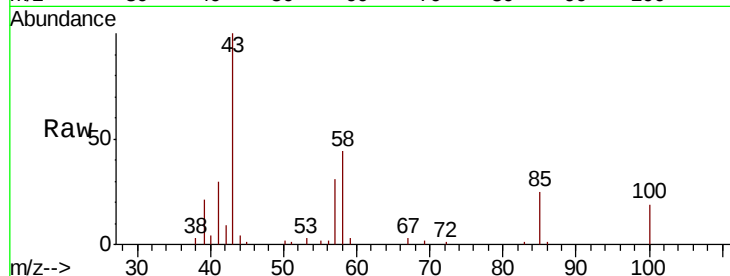




#51
4-Methyl-2-Pentanone
Concen: 48.717 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

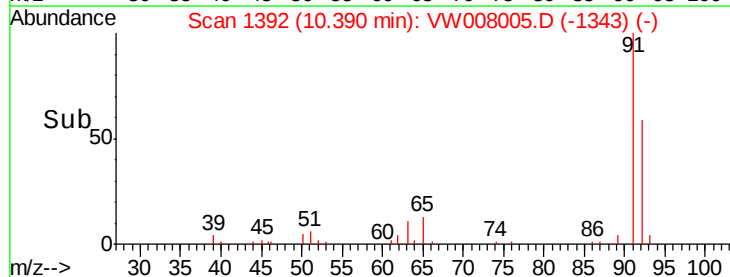
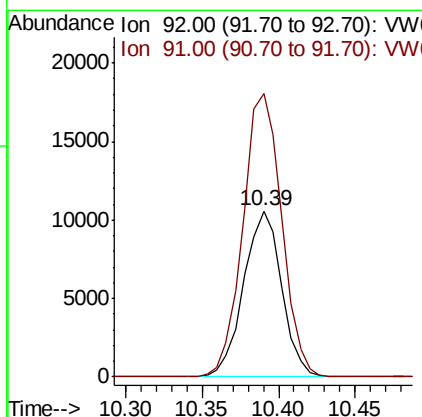
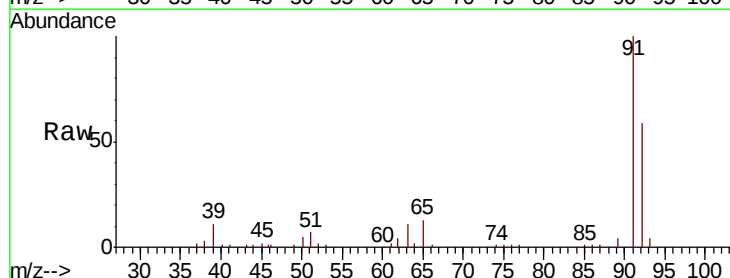
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

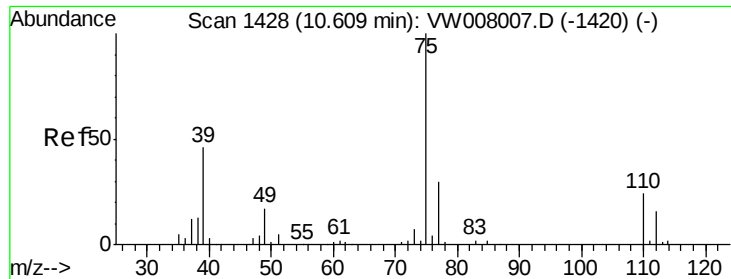
Tgt Ion: 43 Resp: 14669
Ion Ratio Lower Upper
43 100
58 40.6 32.0 48.0



#52
Toluene
Concen: 9.663 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 92 Resp: 18239
Ion Ratio Lower Upper
92 100
91 174.3 136.9 205.3

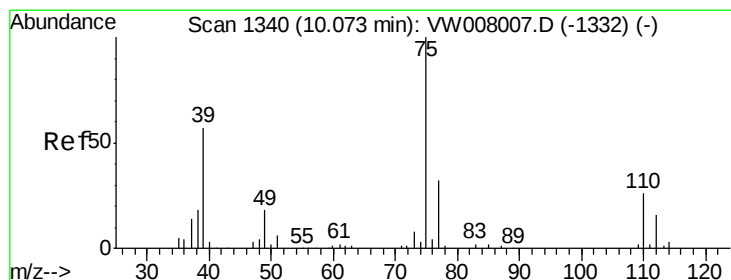
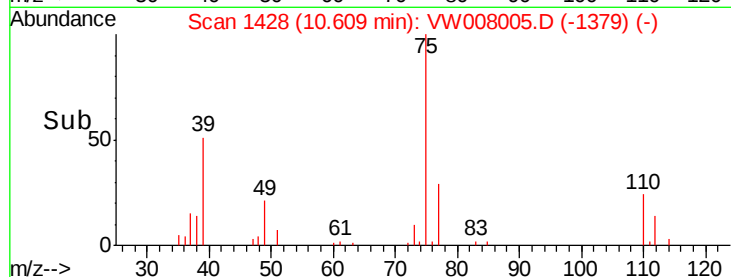
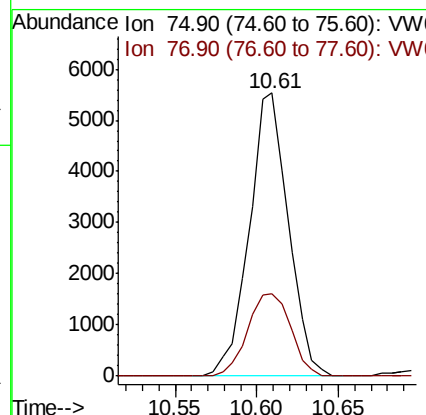
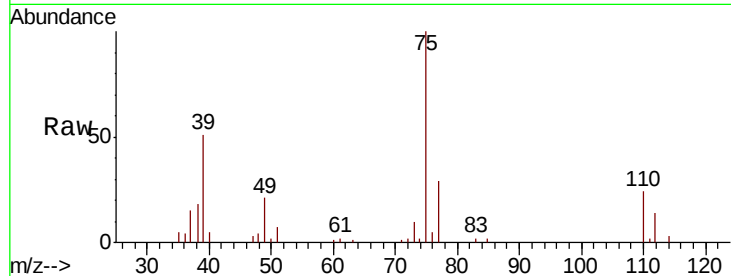




#53
 t-1,3-Dichloropropene
 Concen: 9.490 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

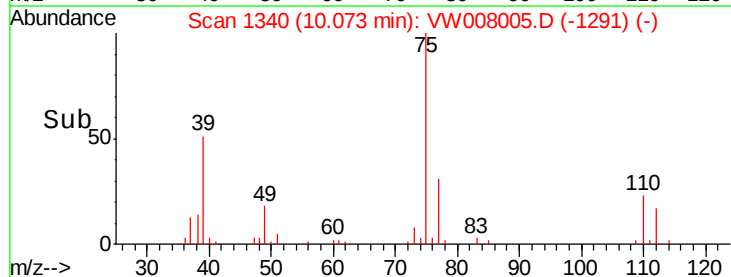
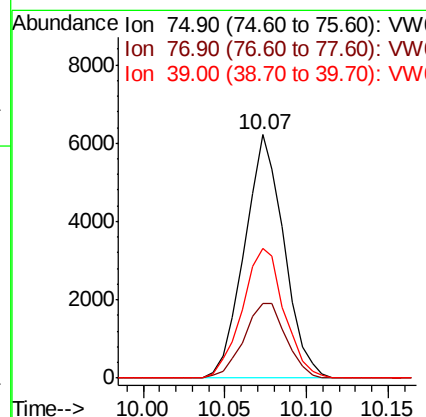
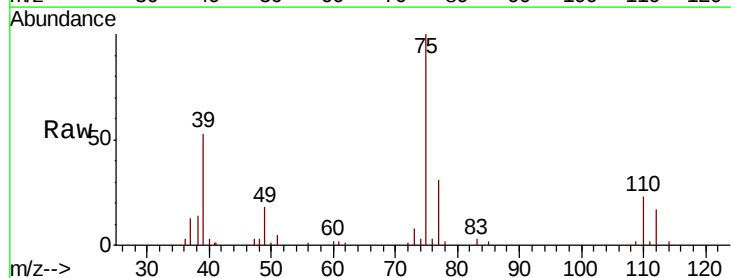
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

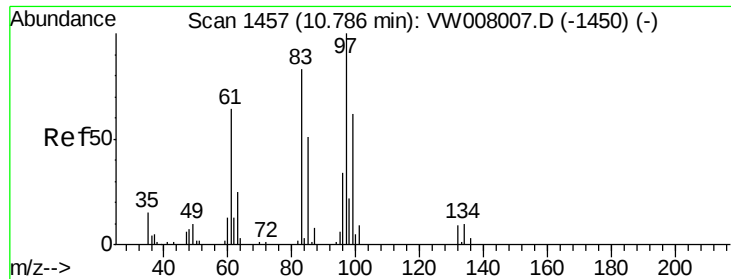
Tgt Ion: 75 Resp: 9248
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 9.629 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion: 75 Resp: 10471
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.9 38.9
 39 53.4 45.4 68.0

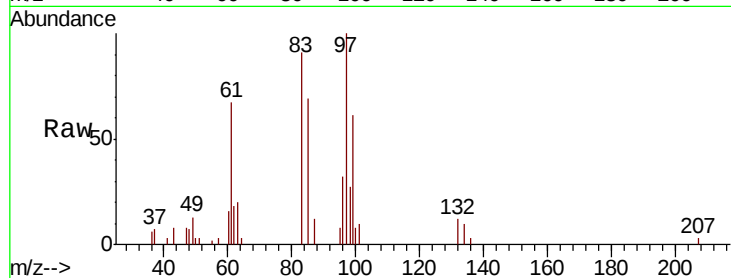




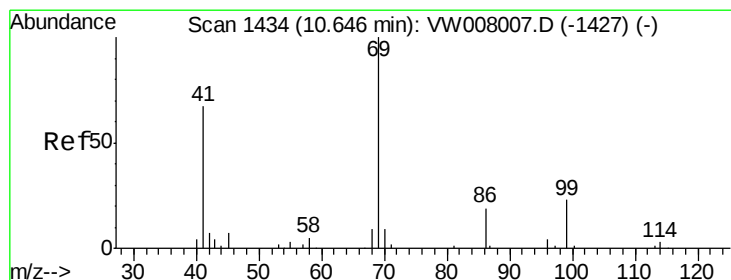
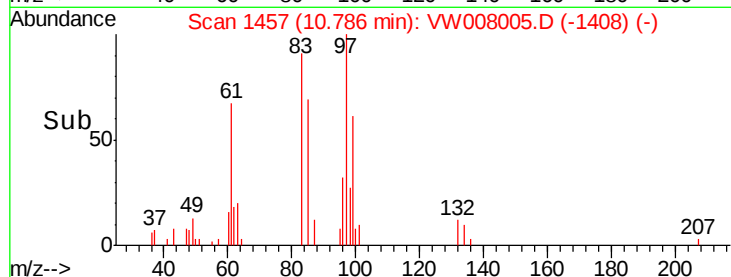
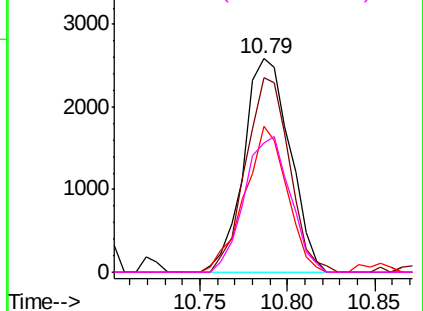
#55
 1,1,2-Trichloroethane
 Concen: 9.700 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 97 Resp: 4752
 Ion Ratio Lower Upper
 97 100
 83 90.9 66.2 99.2
 85 68.6 41.0 61.4#
 99 60.5 49.3 73.9

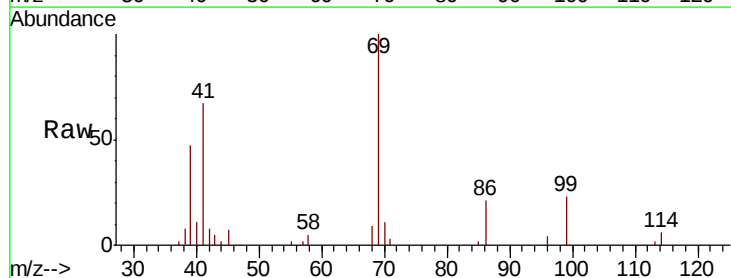


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

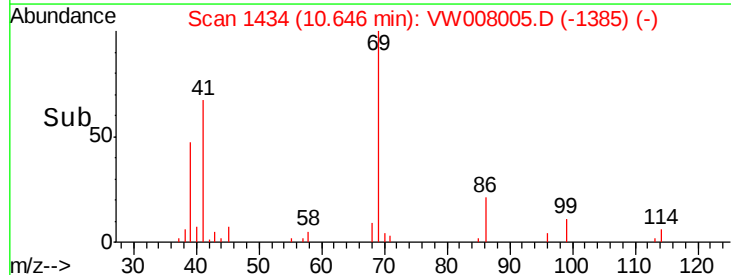
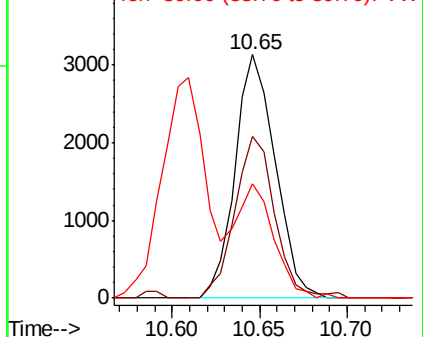


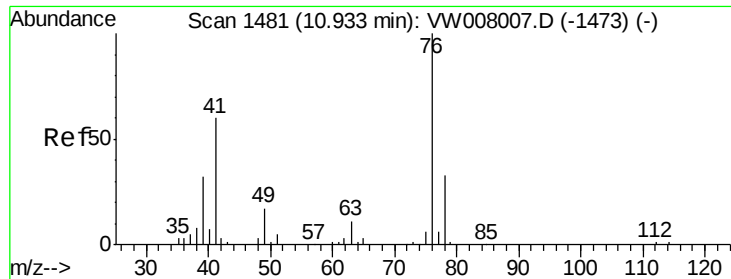
#56
 Ethyl methacrylate
 Concen: 9.044 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion: 69 Resp: 5009
 Ion Ratio Lower Upper
 69 100
 41 66.4 52.6 79.0
 39 45.5 35.8 53.6



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

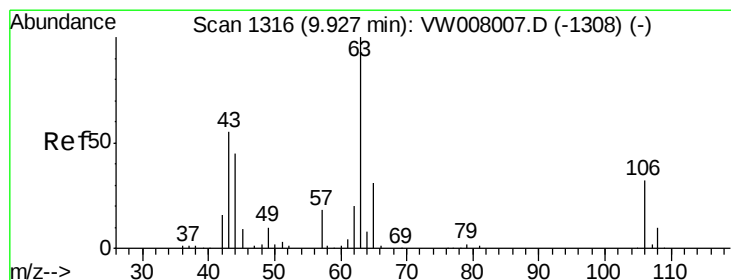
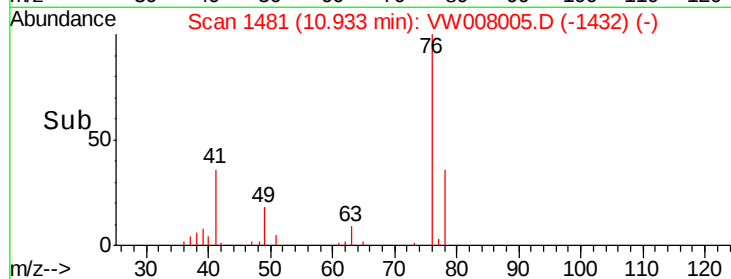
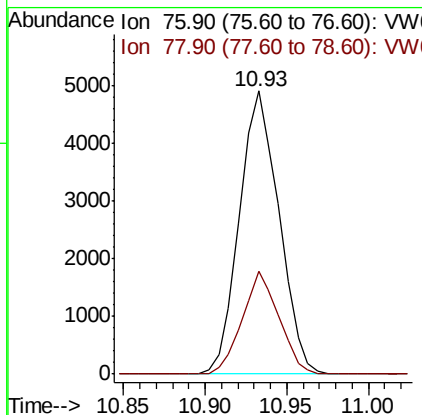
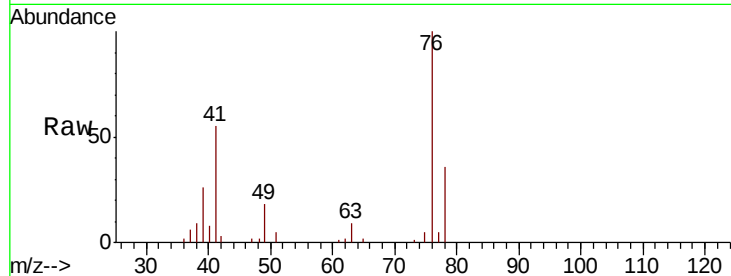




#57
 1,3-Dichloropropane
 Concen: 9.979 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

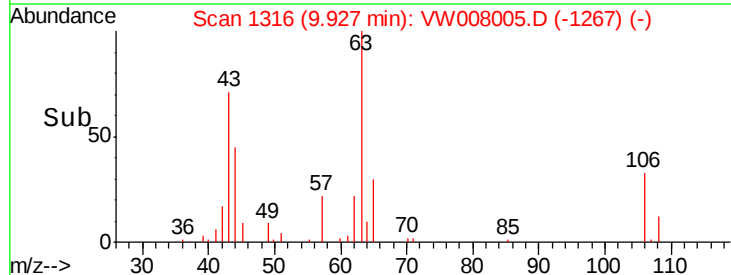
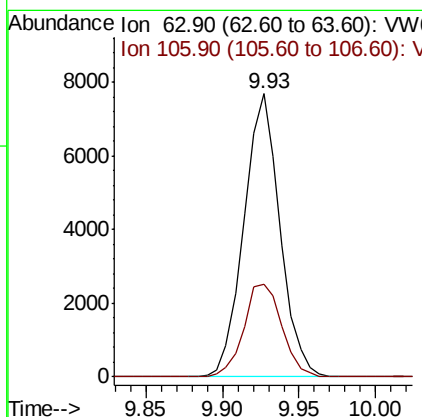
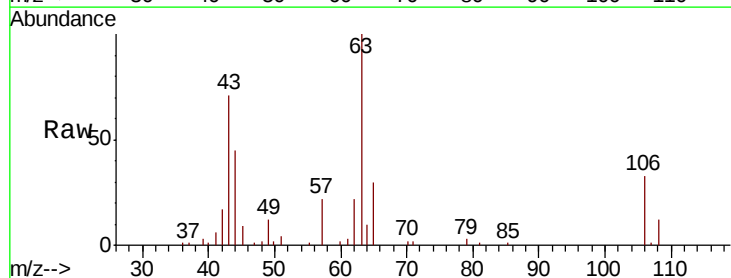
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

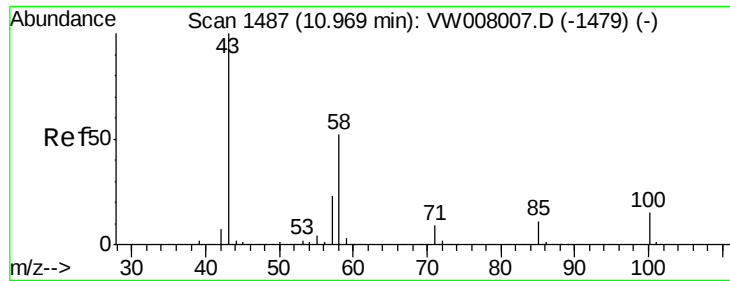
Tgt Ion: 76 Resp: 8307
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 47.814 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion: 63 Resp: 12559
 Ion Ratio Lower Upper
 63 100
 106 34.7 26.9 40.3

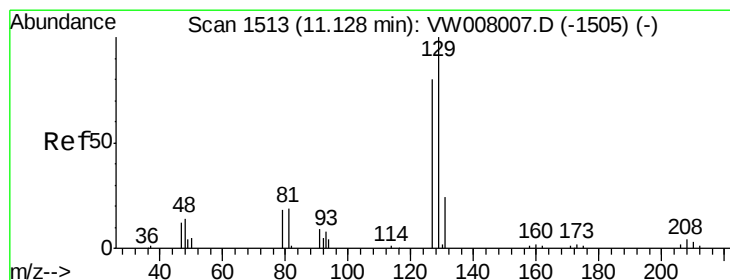
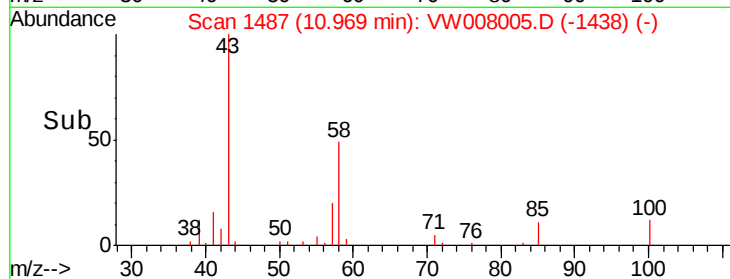
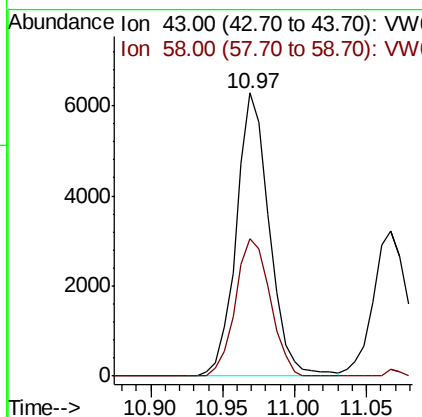
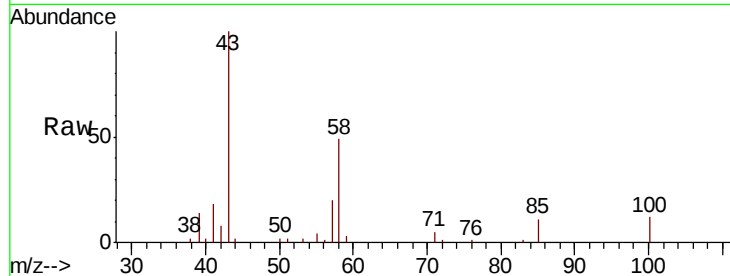




#59
2-Hexanone
Concen: 48.232 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

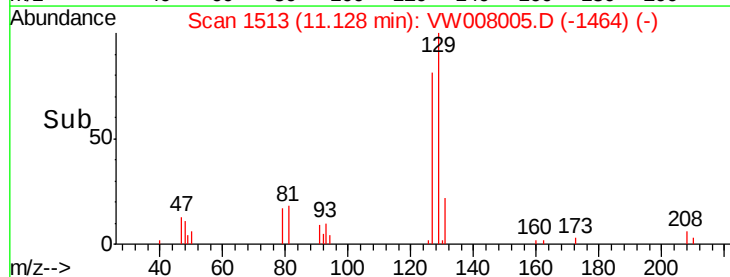
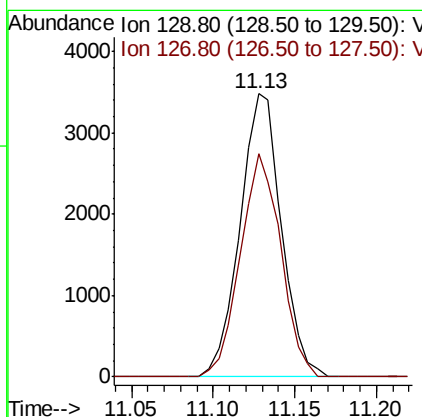
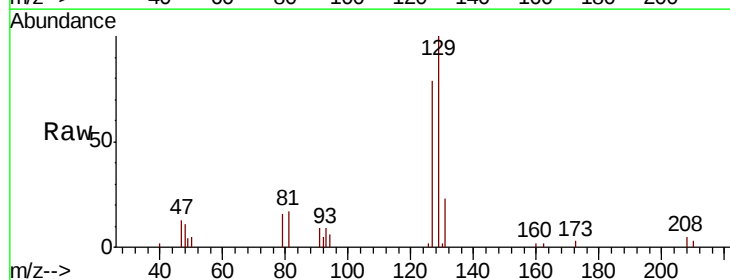
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

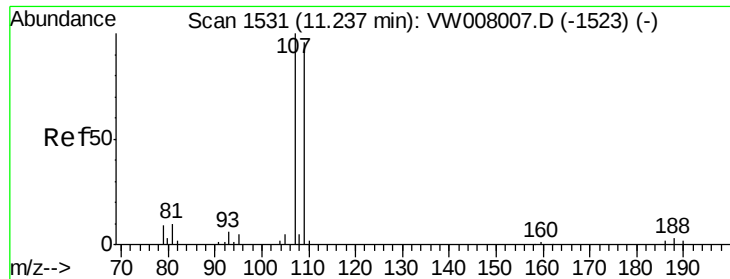
Tgt Ion: 43 Resp: 10026
Ion Ratio Lower Upper
43 100
58 50.9 27.1 81.2



#60
Dibromochloromethane
Concen: 9.157 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 129 Resp: 6141
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0

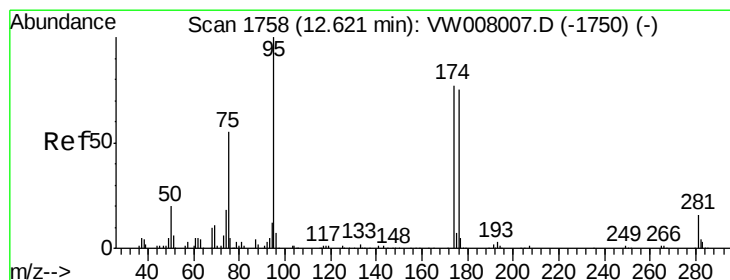
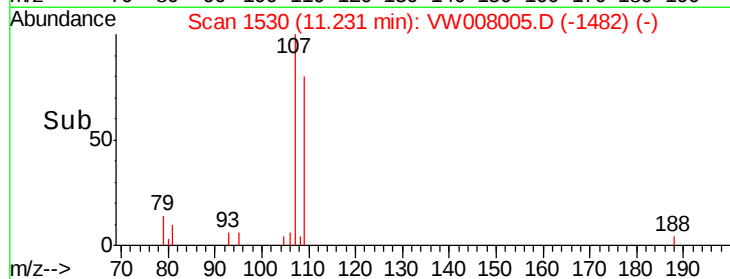
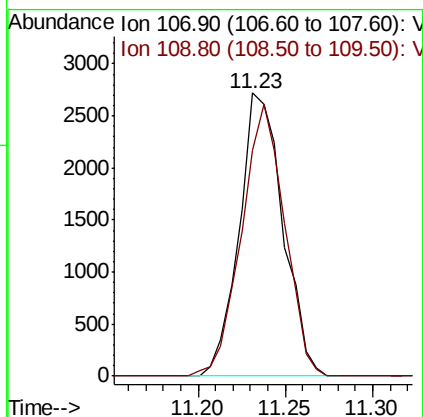
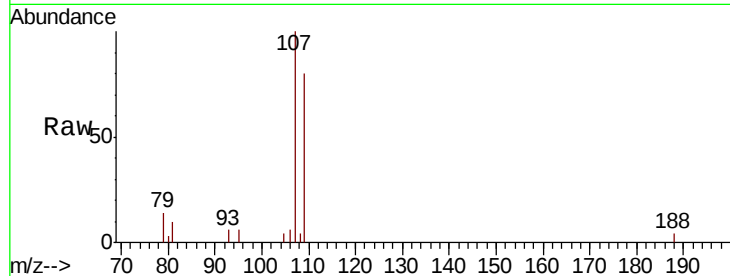




#61
 1,2-Dibromoethane
 Concen: 9.654 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

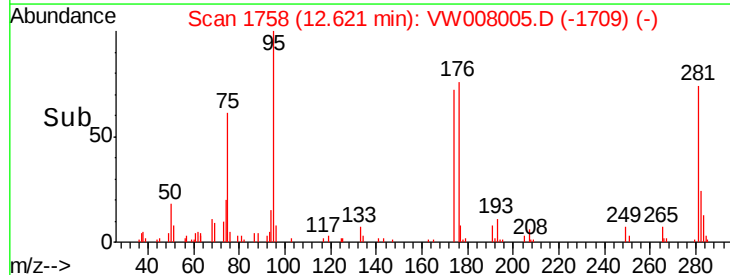
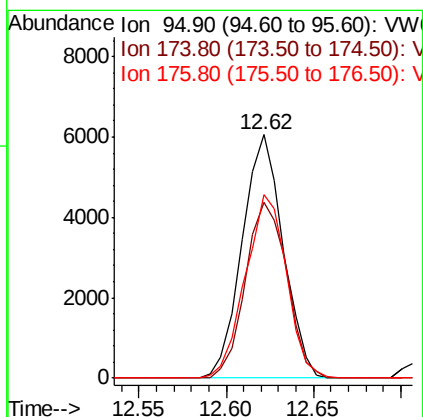
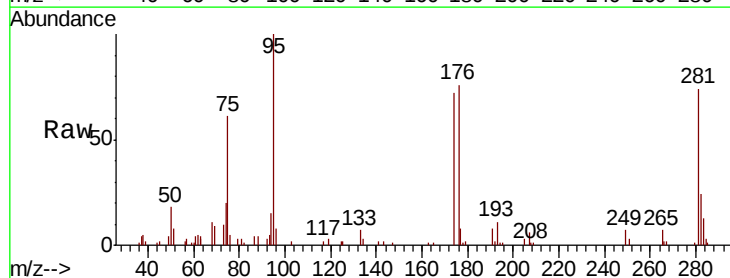
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

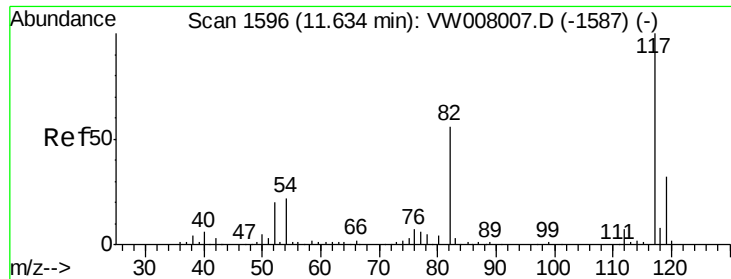
Tgt Ion: 107 Resp: 4733
 Ion Ratio Lower Upper
 107 100
 109 94.3 77.2 115.8



#62
 4-Bromofluorobenzene
 Concen: 9.877 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion: 95 Resp: 9842
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 149.6
 176 75.8 0.0 145.4

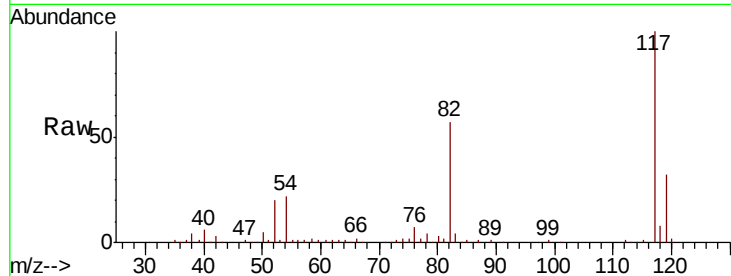




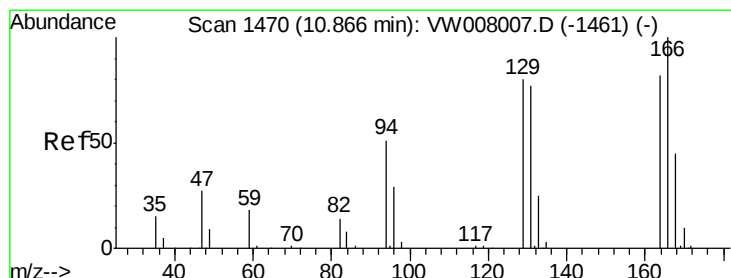
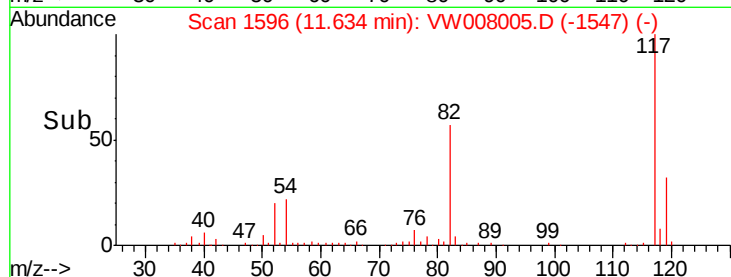
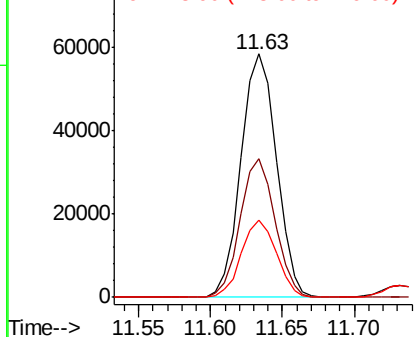
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 99889
Ion Ratio Lower Upper
117 100
82 57.0 44.8 67.2
119 31.5 25.6 38.4

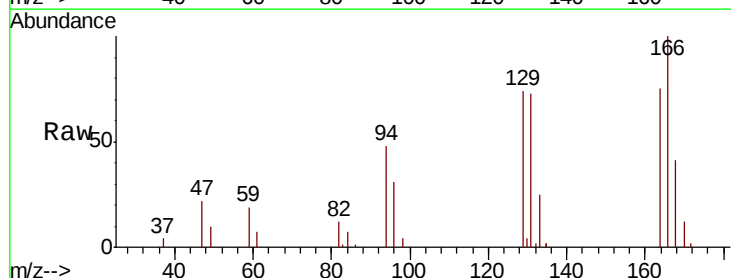


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

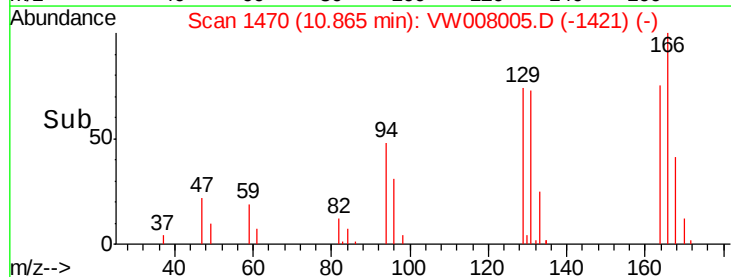
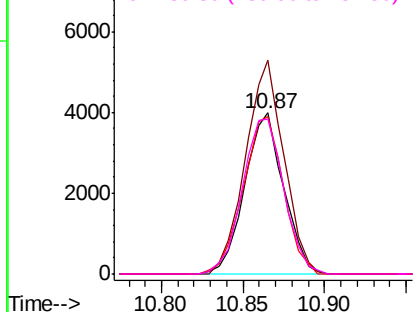


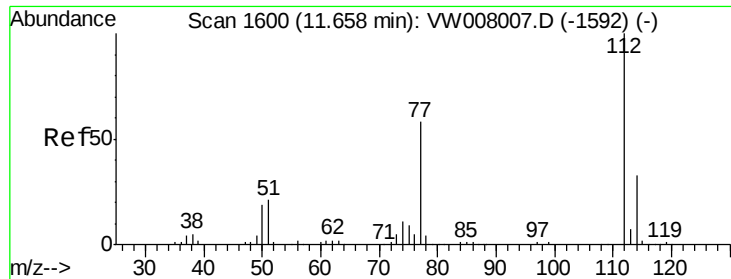
#64
Tetrachloroethene
Concen: 9.594 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion:164 Resp: 6620
Ion Ratio Lower Upper
164 100
166 132.5 98.1 147.1
129 97.7 78.0 117.0
131 96.4 75.8 113.8



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

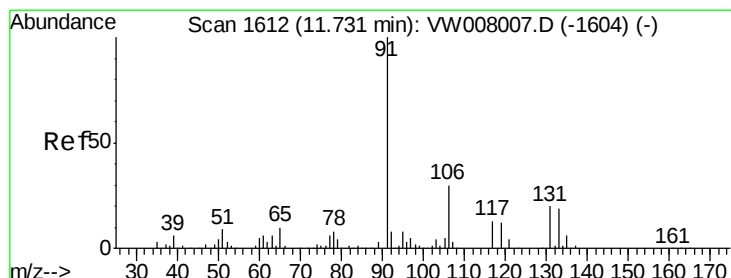
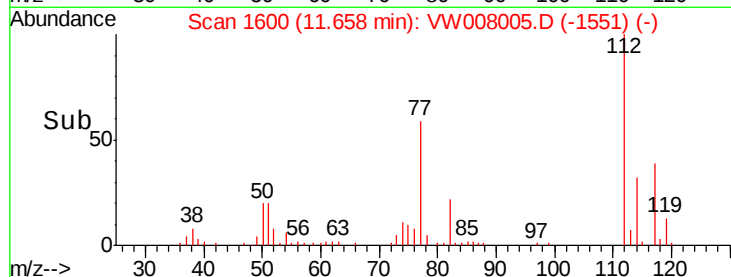
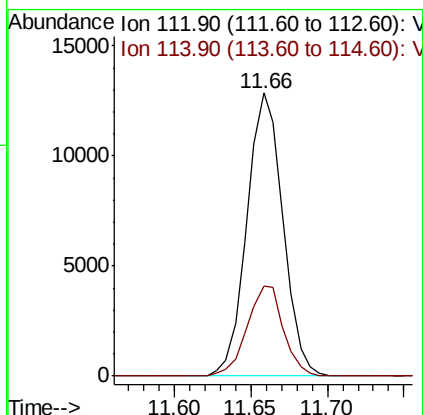
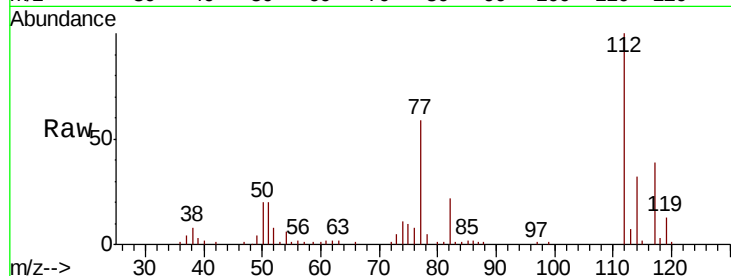




#65
Chlorobenzene
Concen: 9.866 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

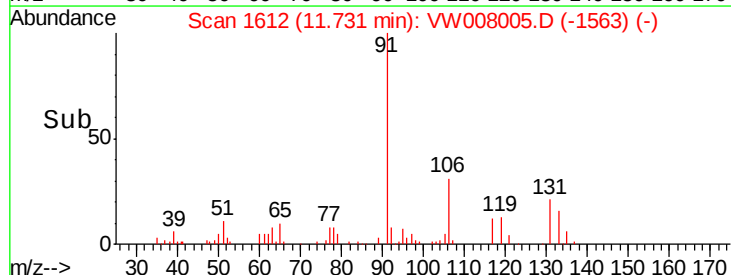
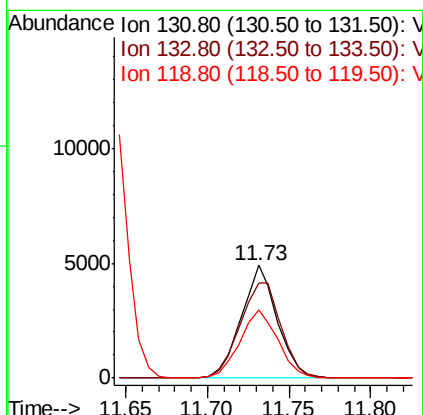
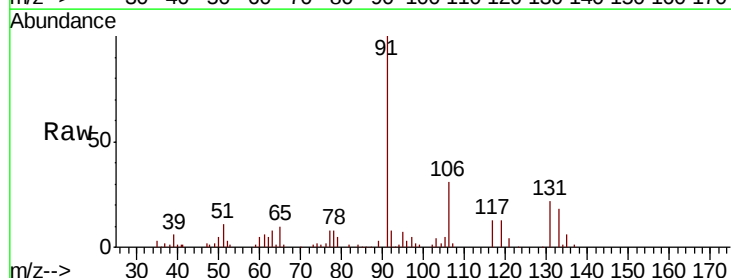
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

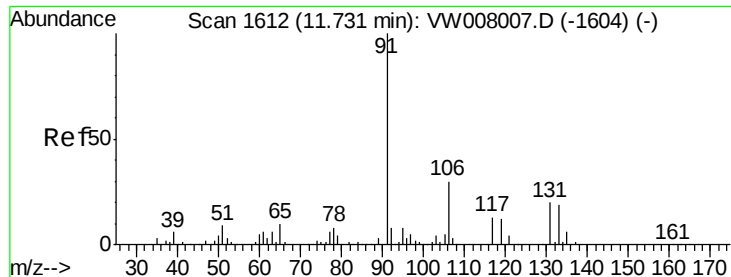
Tgt Ion:112 Resp: 21063
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 9.725 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion:131 Resp: 7518
Ion Ratio Lower Upper
131 100
133 97.2 49.1 147.3
119 63.6 30.6 91.6

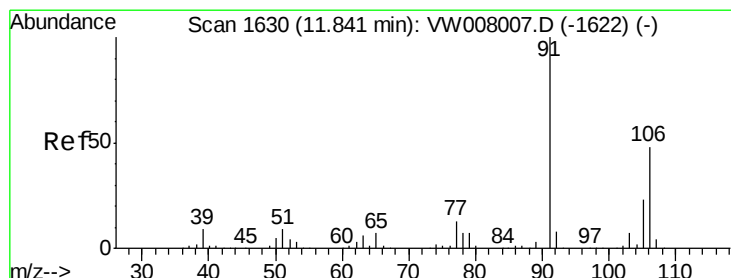
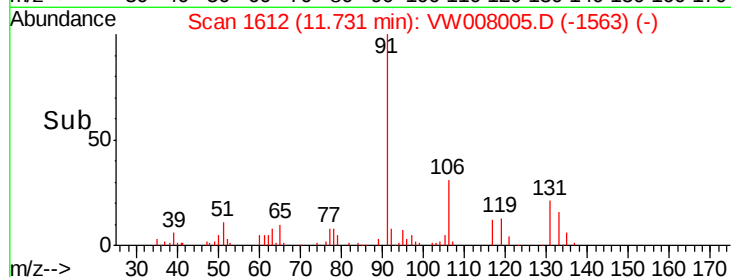
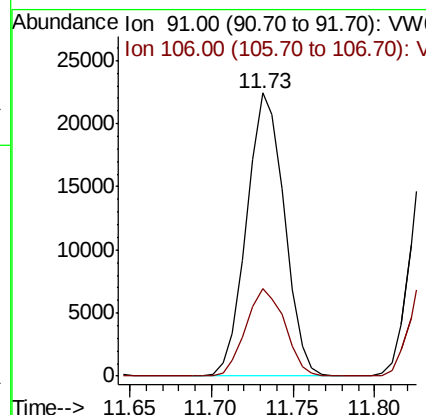
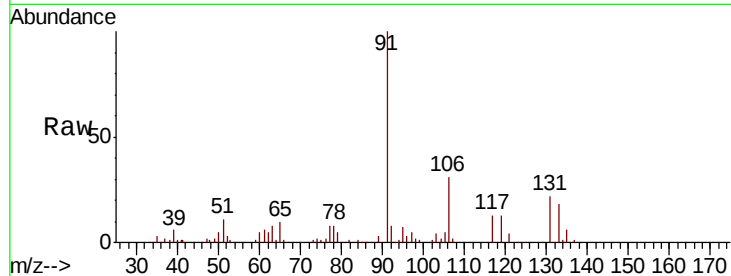




#67
Ethyl Benzene
Concen: 9.554 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

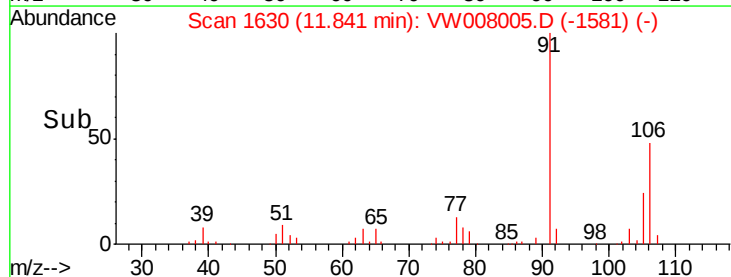
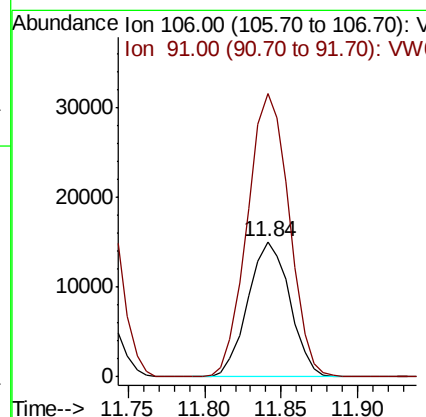
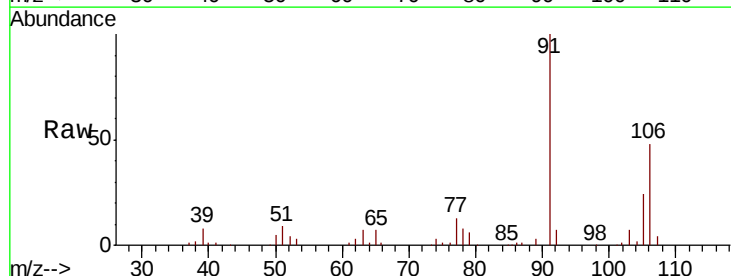
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

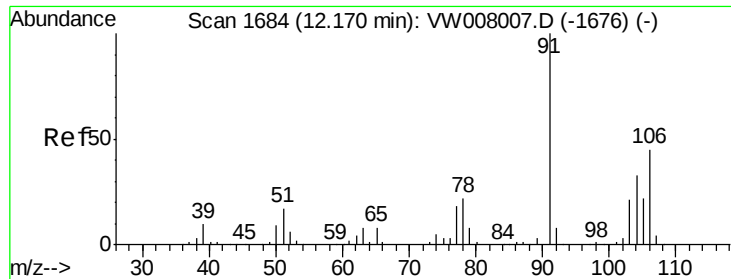
Tgt Ion: 91 Resp: 36201
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 19.549 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 106 Resp: 28638
Ion Ratio Lower Upper
106 100
91 209.4 165.8 248.8

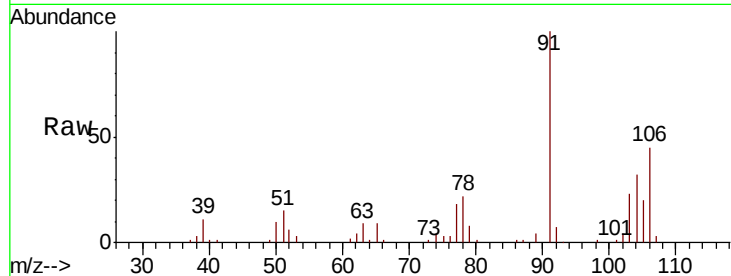




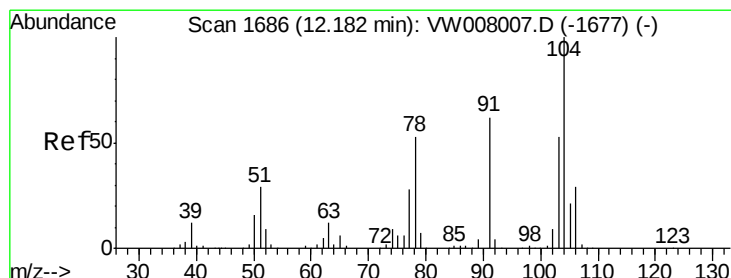
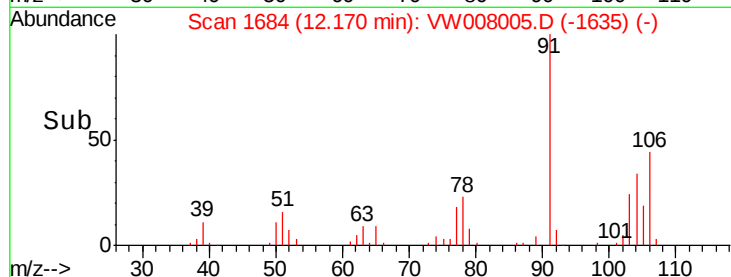
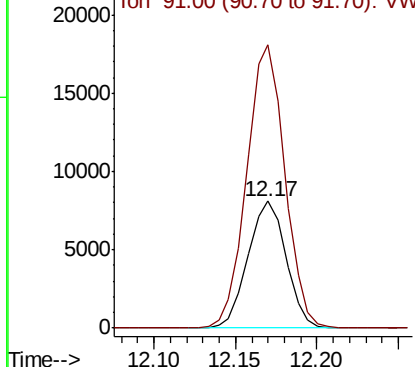
#69
o-Xylene
Concen: 9.695 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion:106 Resp: 13216
Ion Ratio Lower Upper
106 100
91 222.5 110.6 331.6

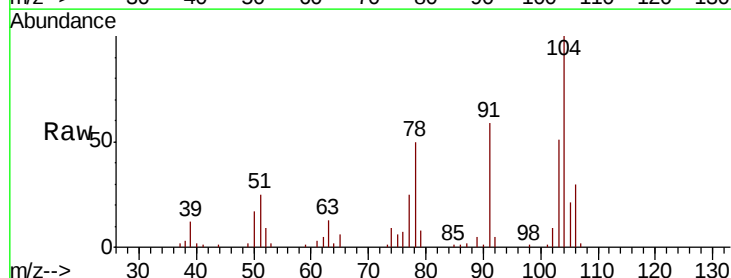


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

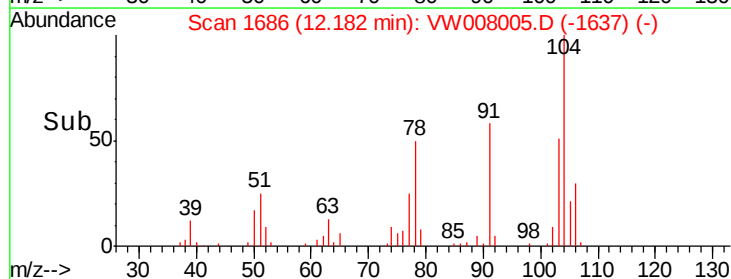
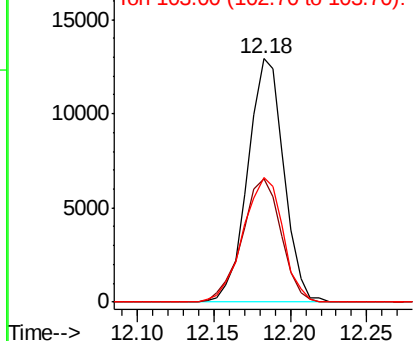


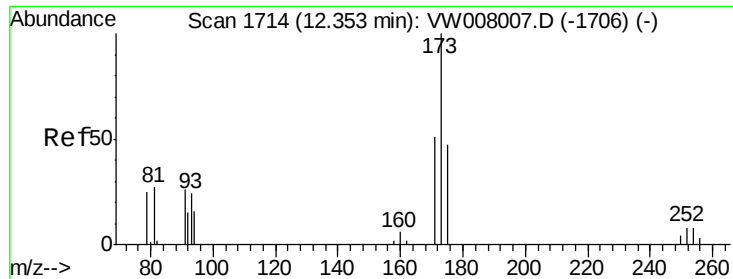
#70
Styrene
Concen: 9.546 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion:104 Resp: 21210
Ion Ratio Lower Upper
104 100
78 54.7 44.0 66.0
103 56.5 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 9.395 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

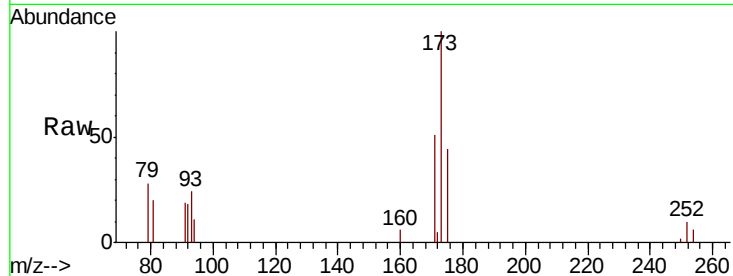
Tgt Ion:173 Resp: 3365

Ion Ratio Lower Upper

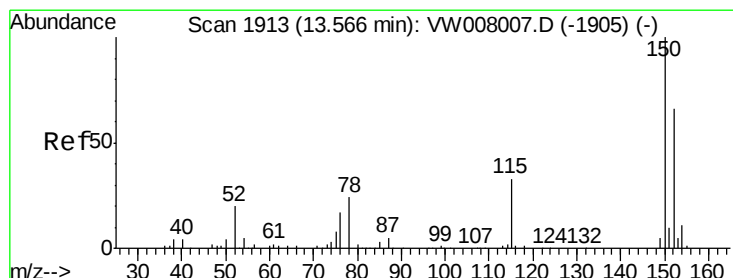
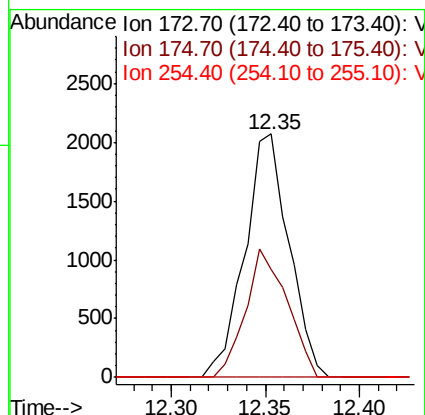
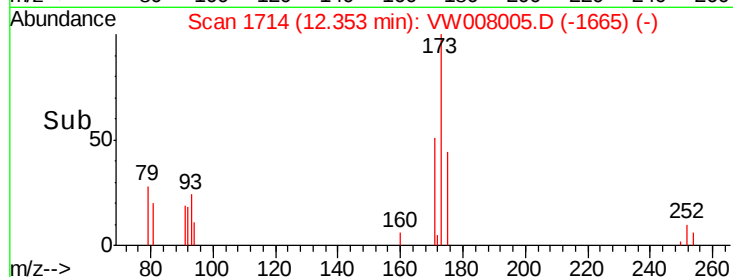
173 100

175 49.5 23.6 71.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

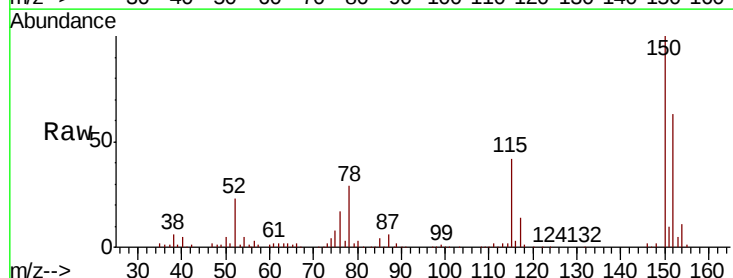
Tgt Ion:152 Resp: 50609

Ion Ratio Lower Upper

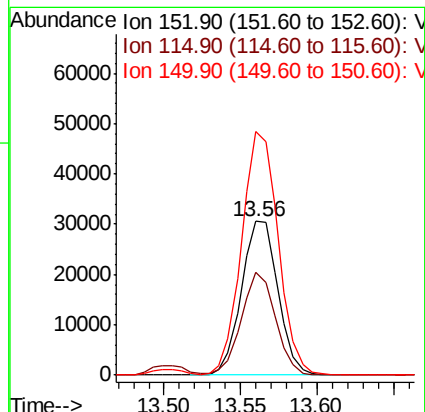
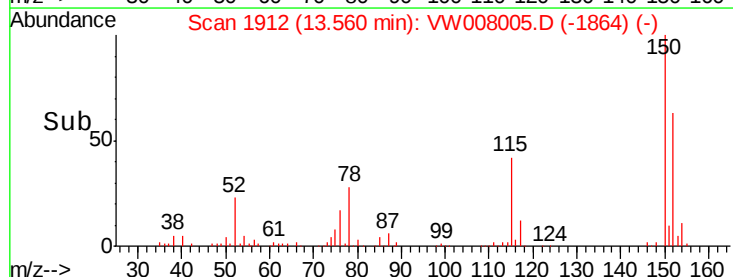
152 100

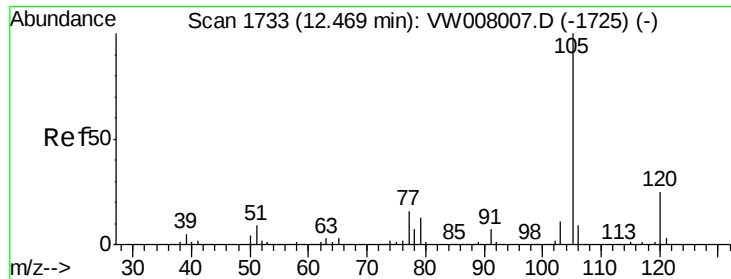
115 63.0 32.1 96.5

150 159.1 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.657 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampled :

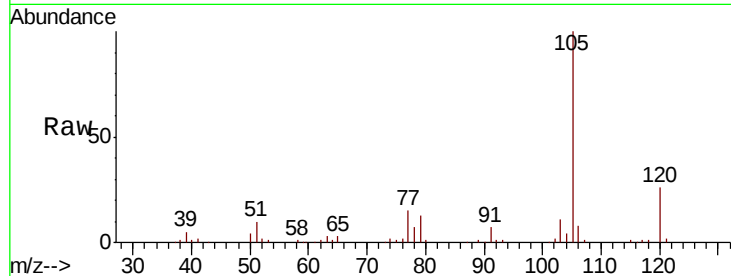
VSTDIC010

Tgt Ion: 105 Resp: 38864

Ion Ratio Lower Upper

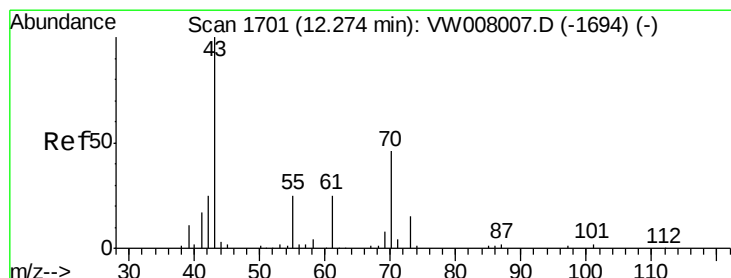
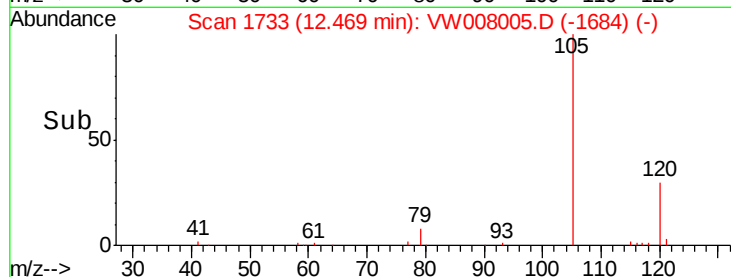
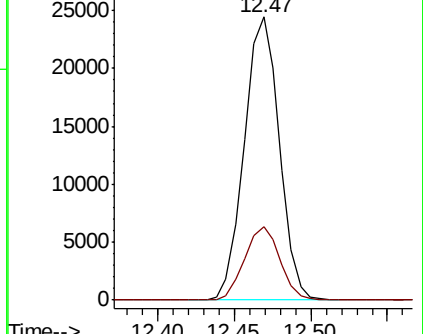
105 100

120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.106 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Tgt Ion: 43 Resp: 5704

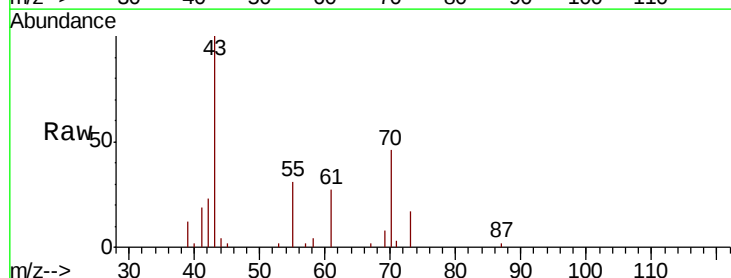
Ion Ratio Lower Upper

43 100

70 46.4 35.2 52.8

55 27.0 21.4 32.0

61 25.6 19.4 29.0

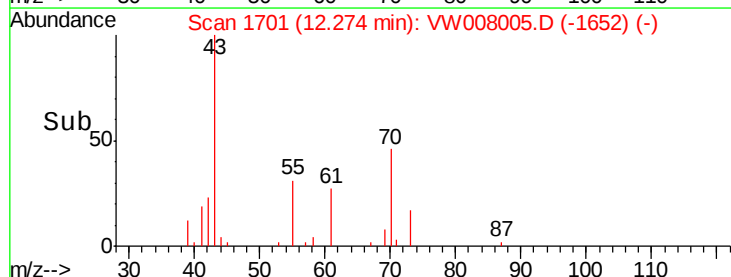
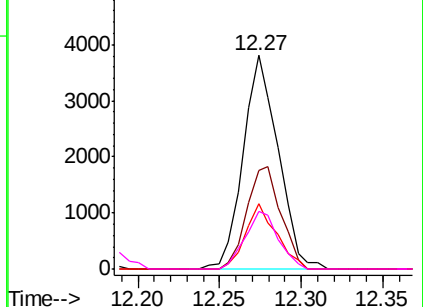


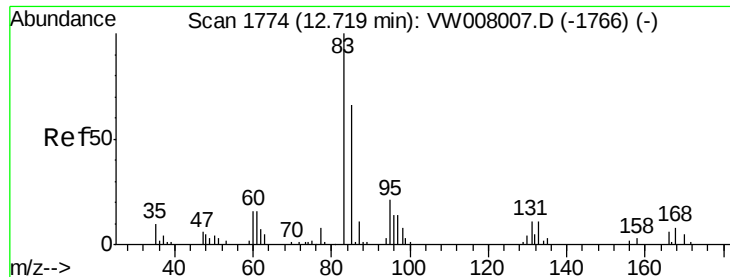
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 9.806 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

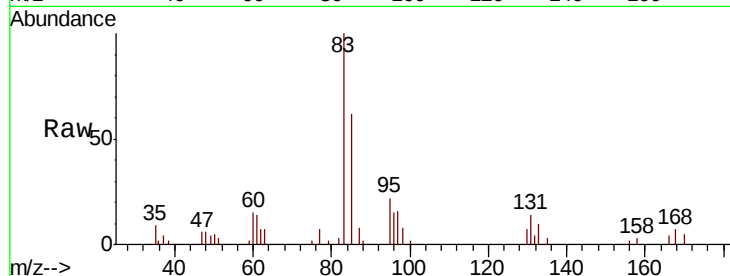
Tgt Ion: 83 Resp: 5021

Ion Ratio Lower Upper

83 100

131 12.4 6.5 19.5

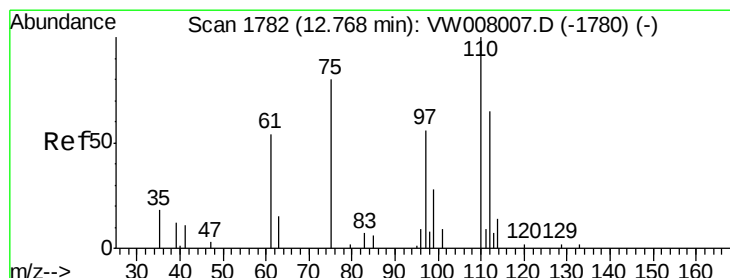
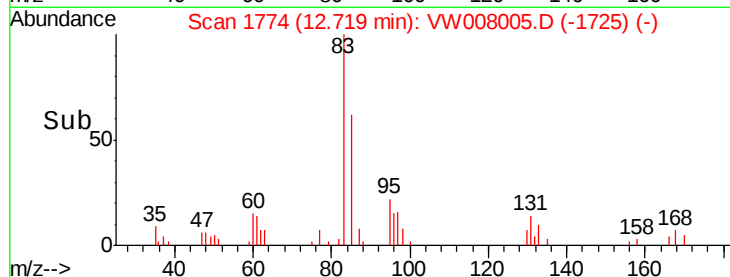
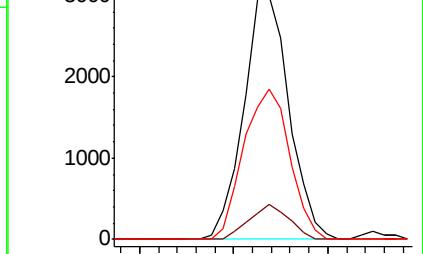
85 62.3 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 10.402 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008005.D

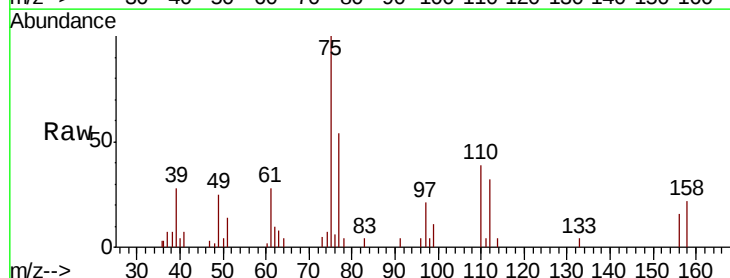
Acq: 02 Jan 2019 13:19

Tgt Ion: 75 Resp: 7333

Ion Ratio Lower Upper

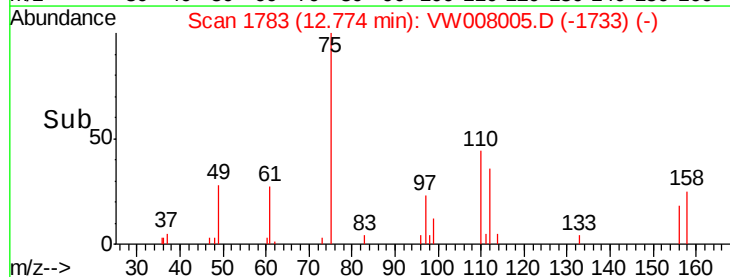
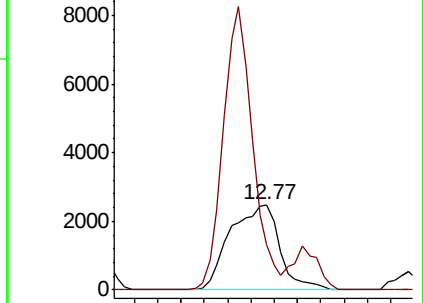
75 100

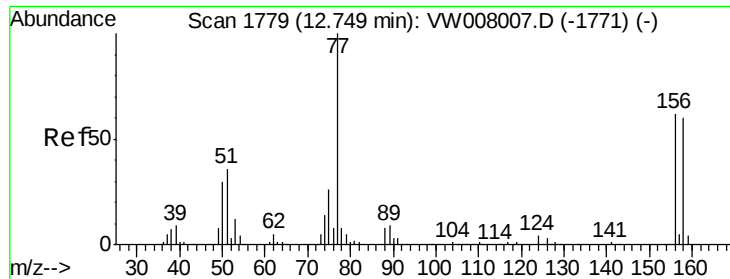
77 0.0 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.464 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

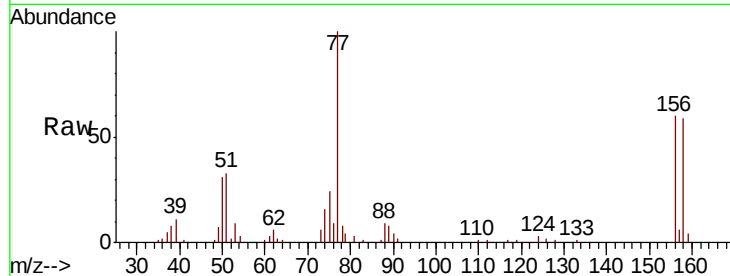
Tgt Ion:156 Resp: 8186

Ion Ratio Lower Upper

156 100

77 177.5 87.9 263.8

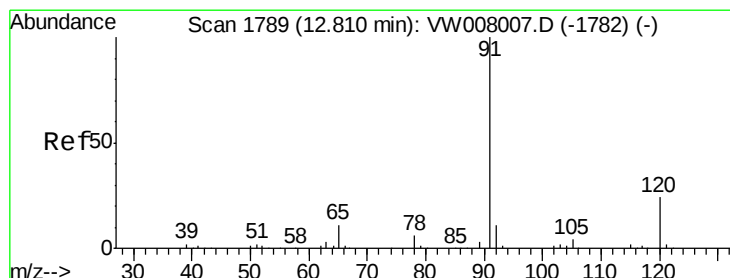
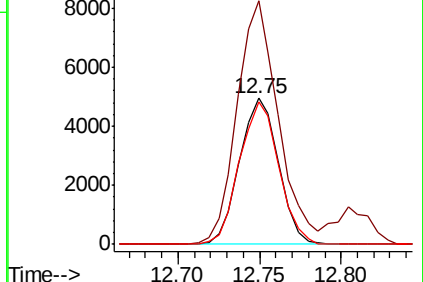
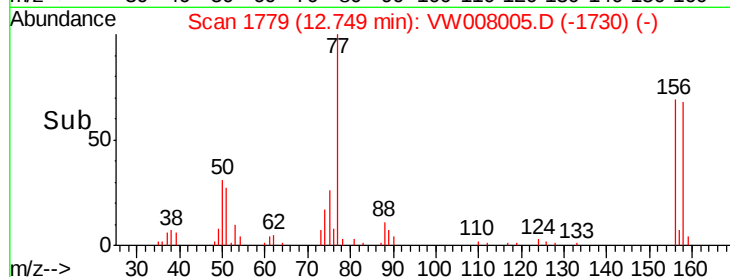
158 98.7 47.8 143.4



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: 9.524 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008005.D

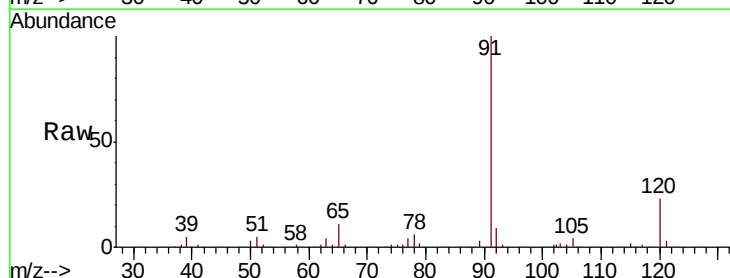
Acq: 02 Jan 2019 13:19

Tgt Ion: 91 Resp: 44437

Ion Ratio Lower Upper

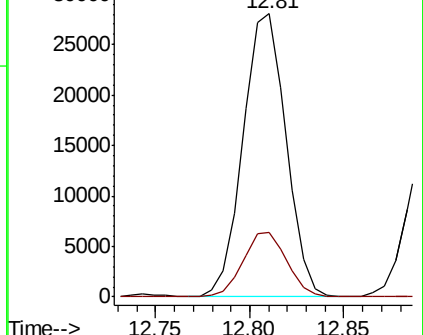
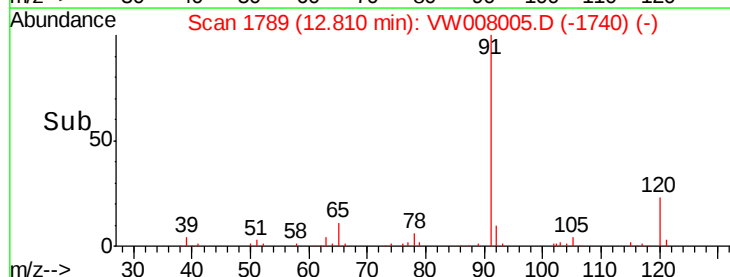
91 100

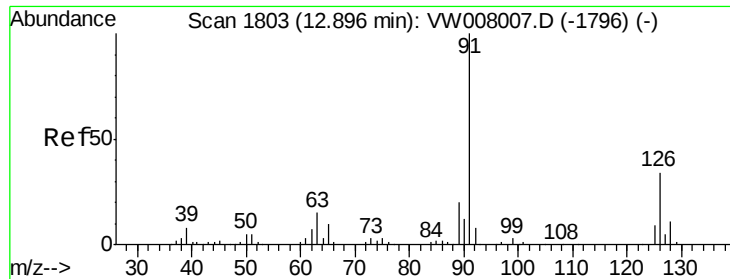
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

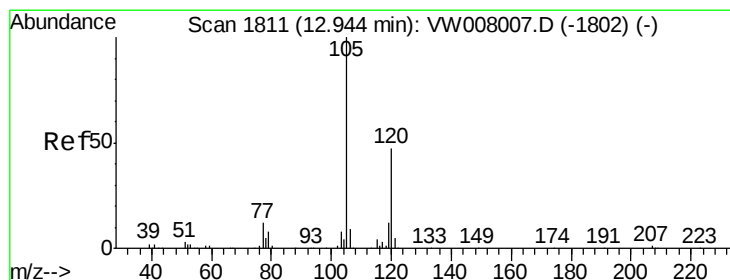
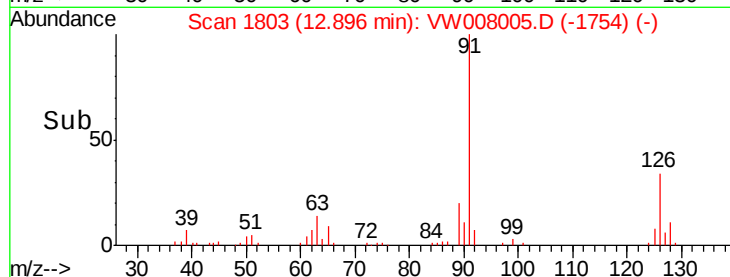
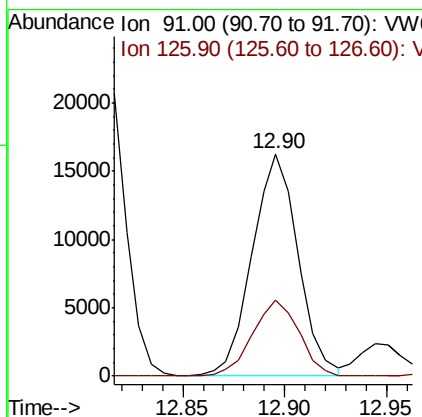
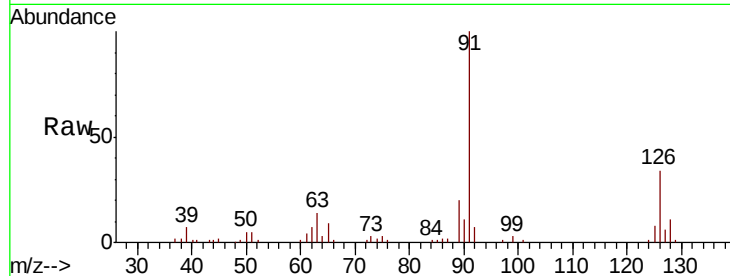




#79
 2-Chlorotoluene
 Concen: 9.463 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

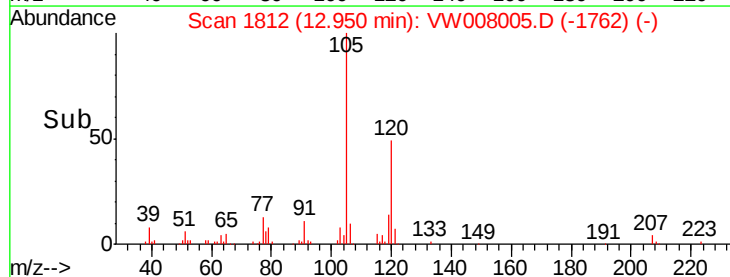
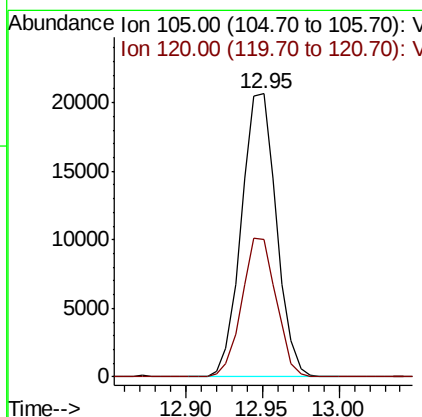
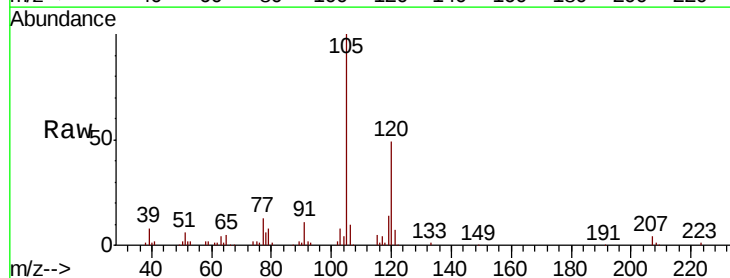
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

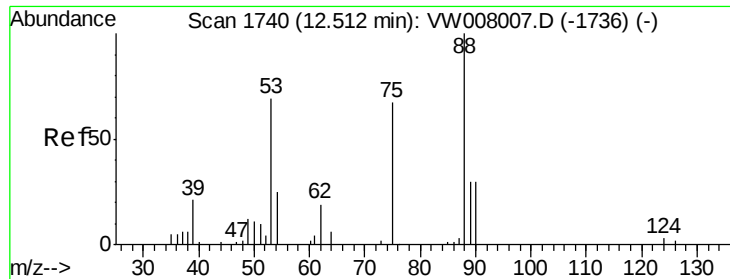
Tgt Ion: 91 Resp: 25519
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 9.471 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion: 105 Resp: 32806
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.3 69.9

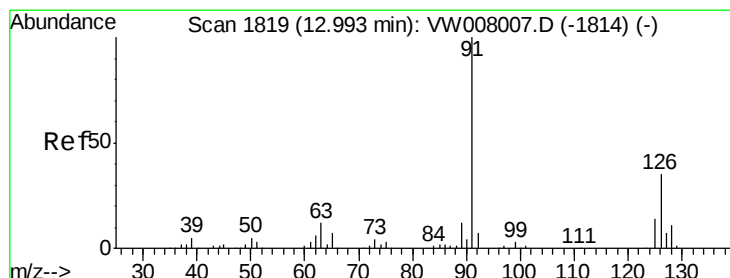
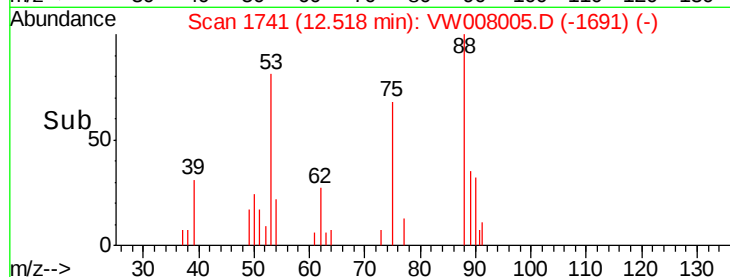
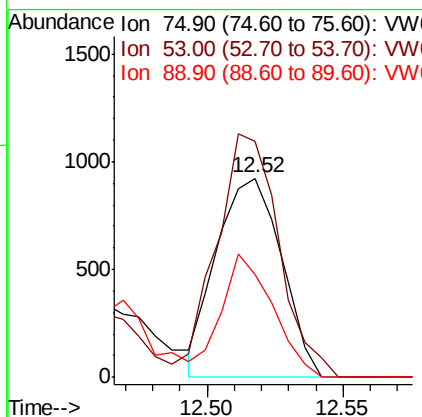
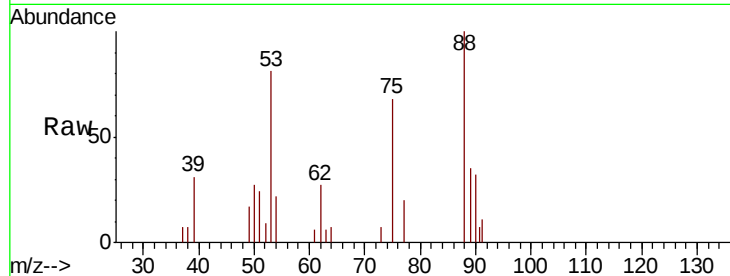




#81
trans-1,4-Dichloro-2-butene
Concen: 8.987 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

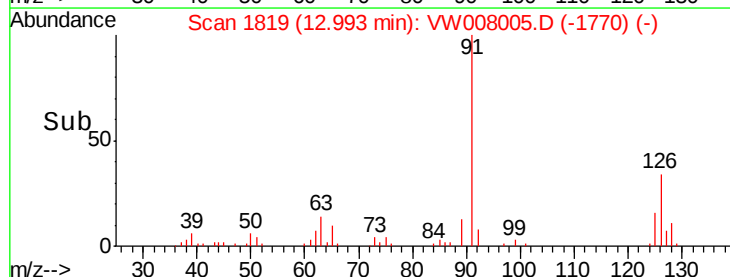
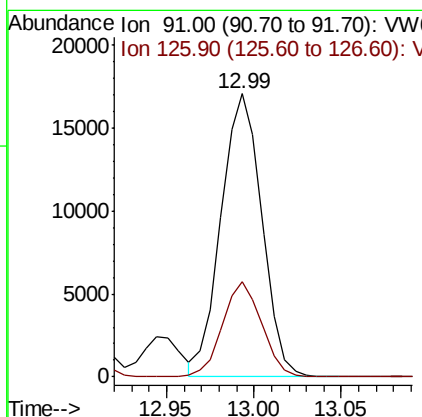
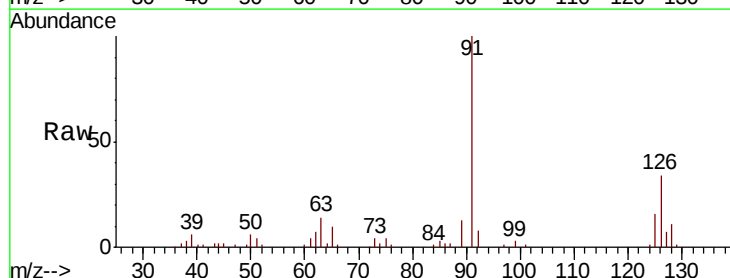
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

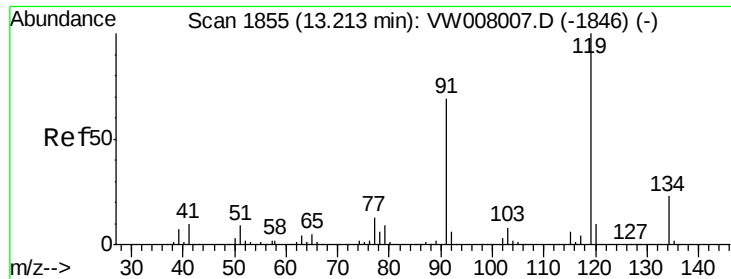
Tgt Ion: 75 Resp: 1530
Ion Ratio Lower Upper
75 100
53 117.6 87.6 131.4
89 49.2 42.2 63.2



#82
4-Chlorotoluene
Concen: 9.640 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion: 91 Resp: 27641
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.1

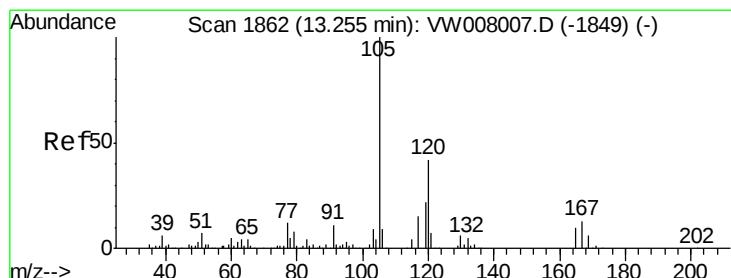
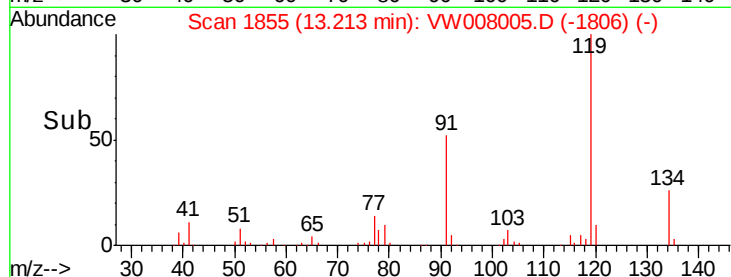
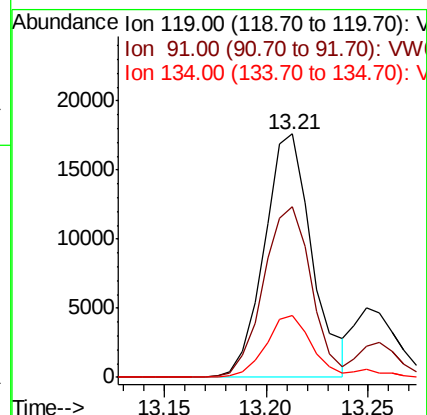
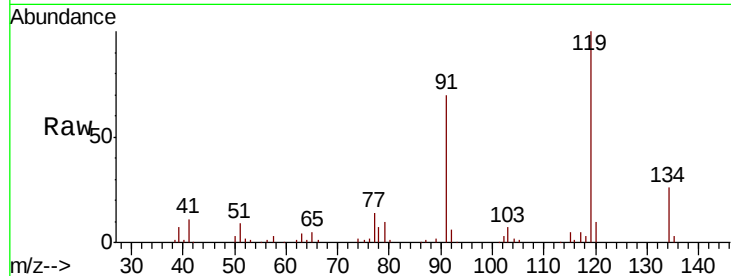




#83
tert-Butylbenzene
Concen: 9.457 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

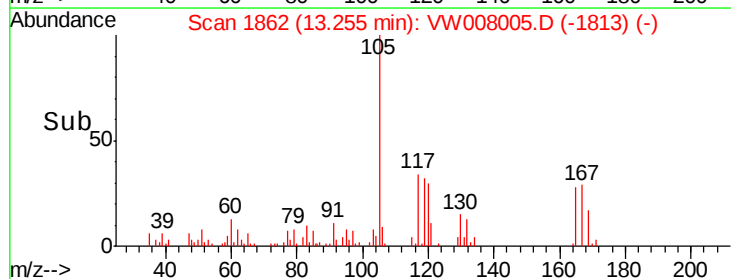
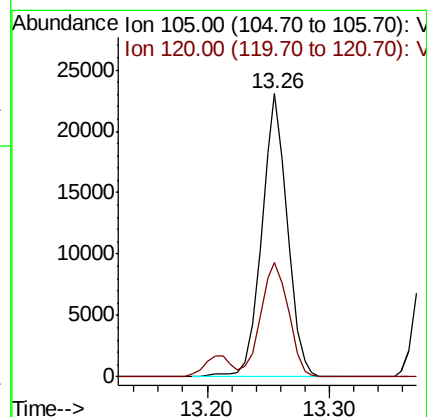
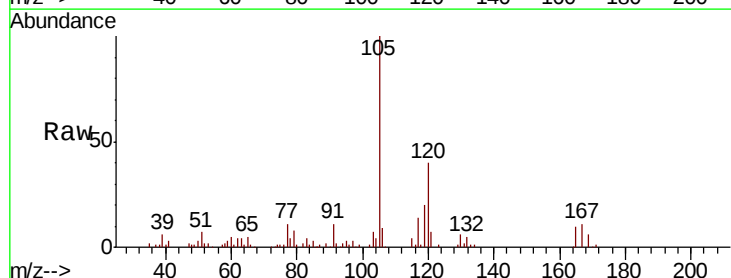
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

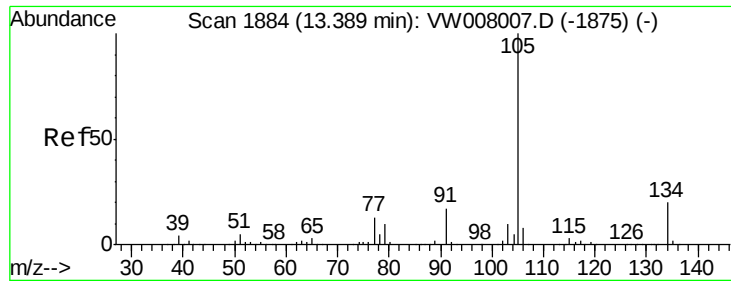
Tgt Ion:119 Resp: 28662
Ion Ratio Lower Upper
119 100
91 70.4 34.7 104.1
134 24.8 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 9.580 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion:105 Resp: 33612
Ion Ratio Lower Upper
105 100
120 44.1 21.5 64.5

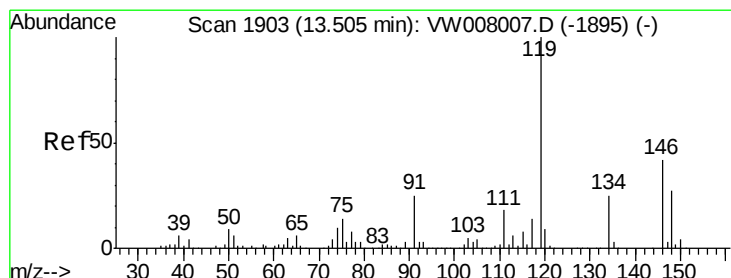
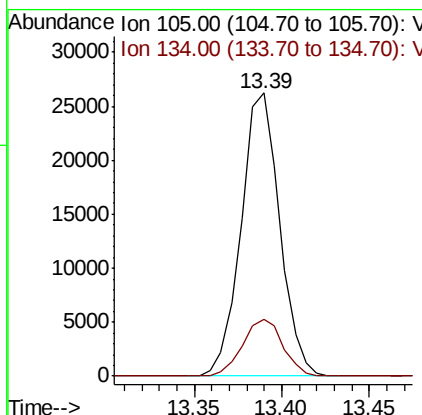
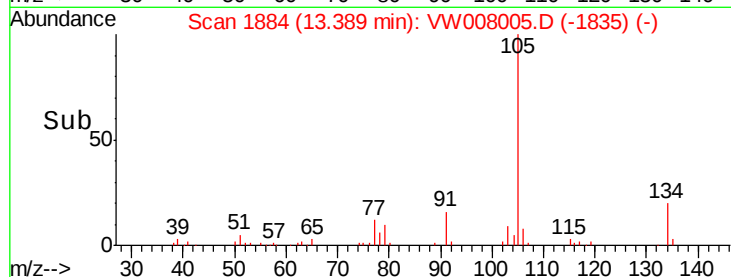
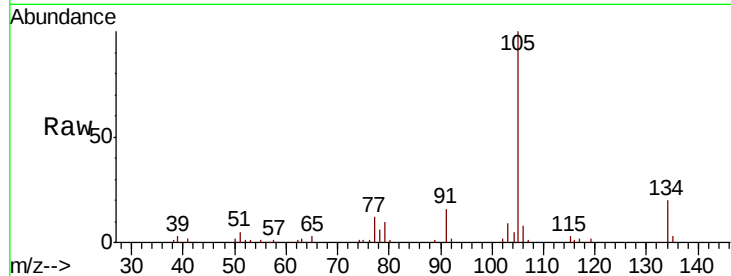




#85
 sec-Butylbenzene
 Concen: 9.636 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

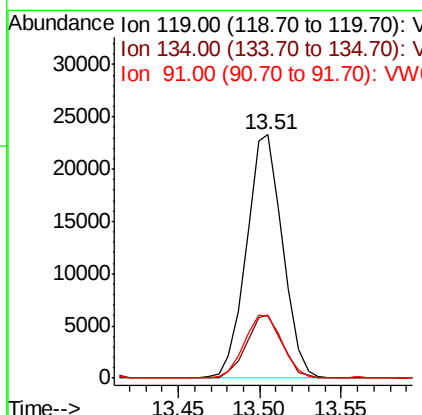
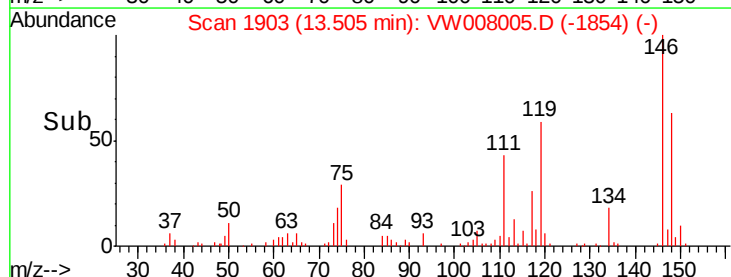
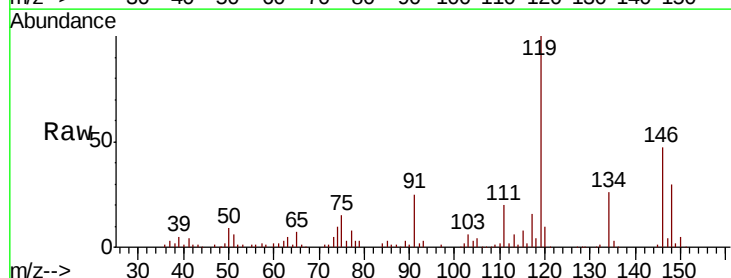
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

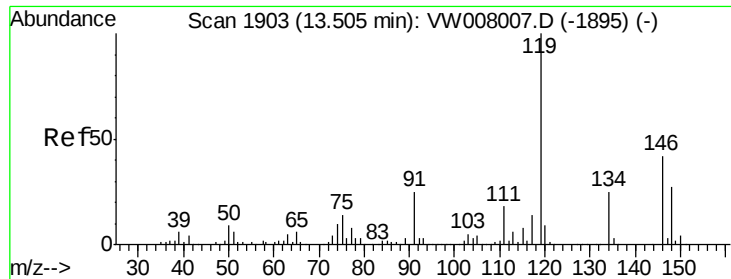
Tgt Ion:105 Resp: 40174
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 9.507 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion:119 Resp: 35750
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.5 37.5
 91 27.2 13.1 39.3

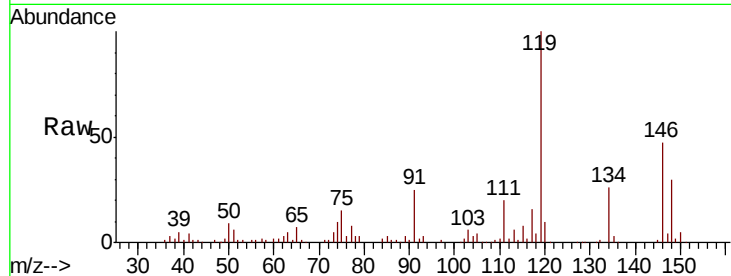




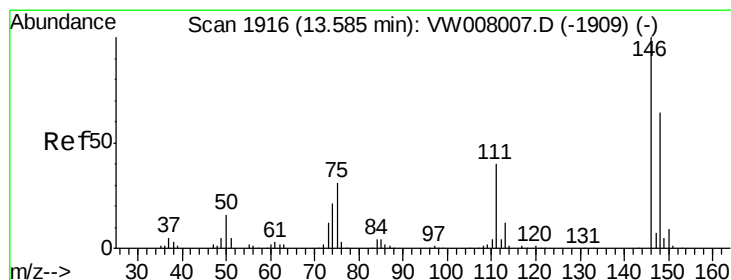
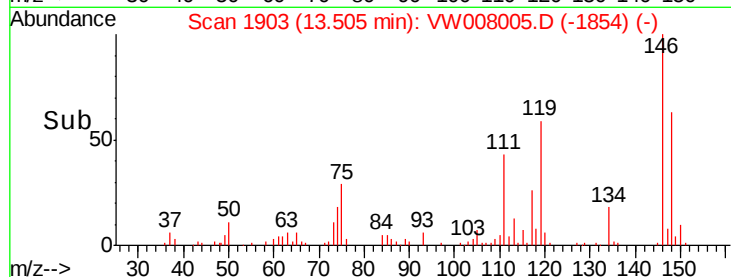
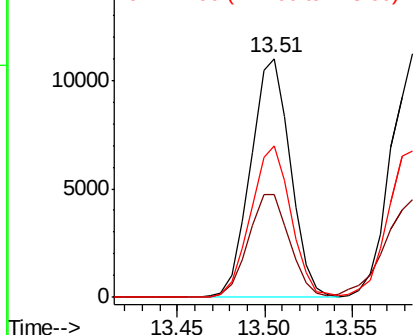
#87
 1,3-Dichlorobenzene
 Concen: 9.969 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 17398
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.4 64.2
 148 64.2 31.9 95.5

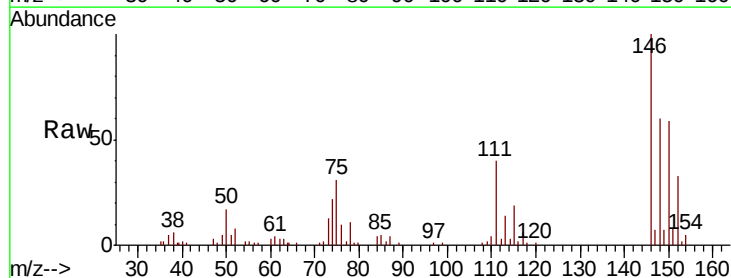


Abundance Ion 145.90 (145.60 to 146.60): V
 15000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

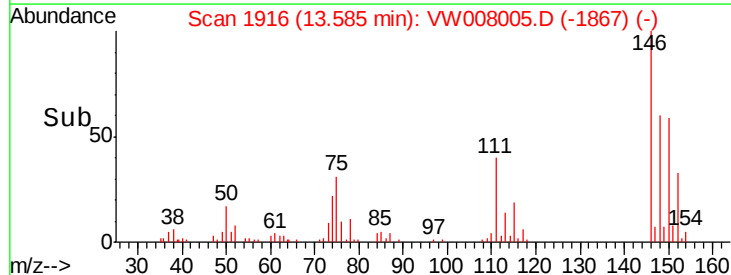
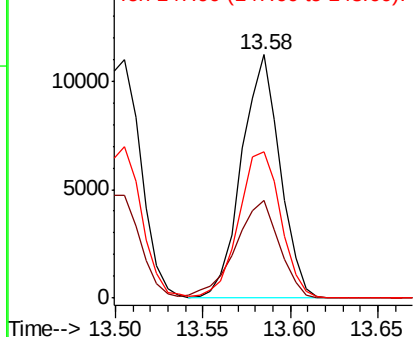


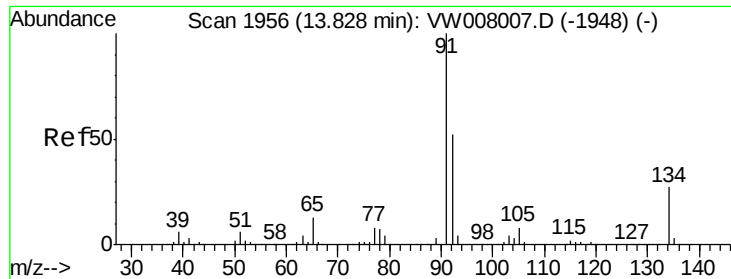
#88
 1,4-Dichlorobenzene
 Concen: 9.913 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion:146 Resp: 17129
 Ion Ratio Lower Upper
 146 100
 111 45.8 20.9 62.8
 148 66.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
 15000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 9.545 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008005.D

Acq: 02 Jan 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

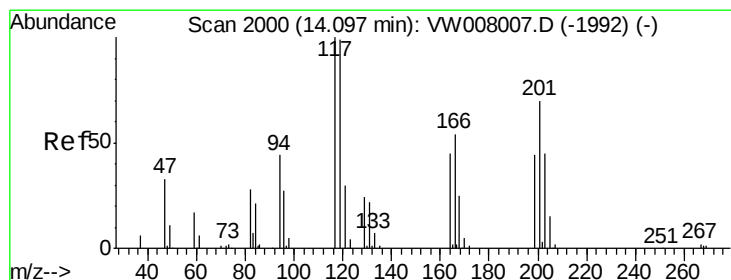
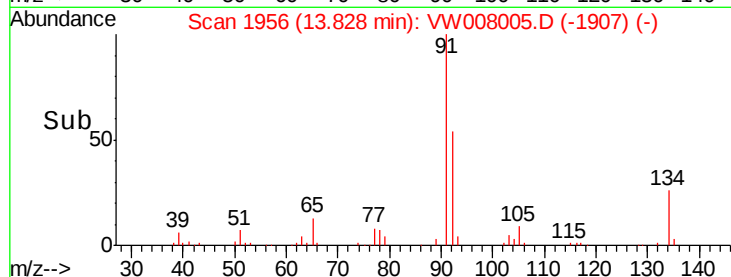
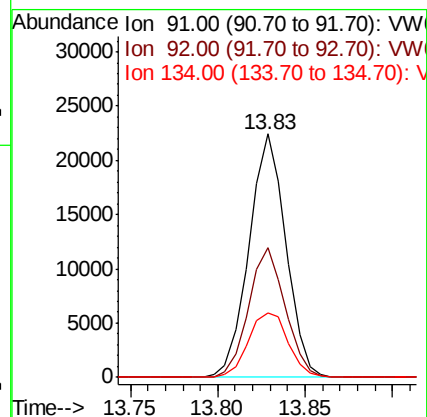
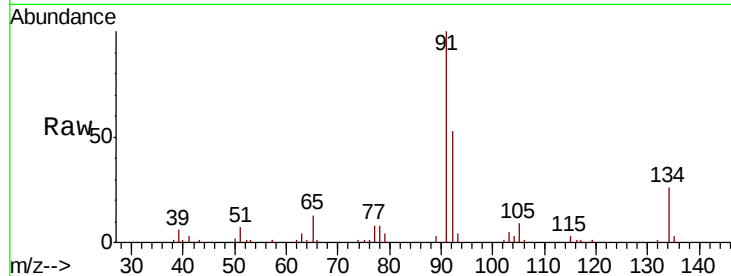
Tgt Ion: 91 Resp: 32831

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 28.5 13.4 40.2



#90

Hexachloroethane

Concen: 9.948 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008005.D

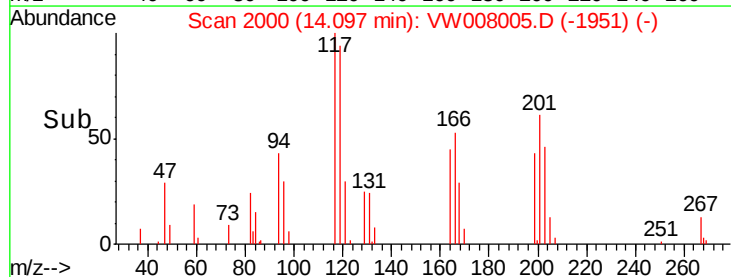
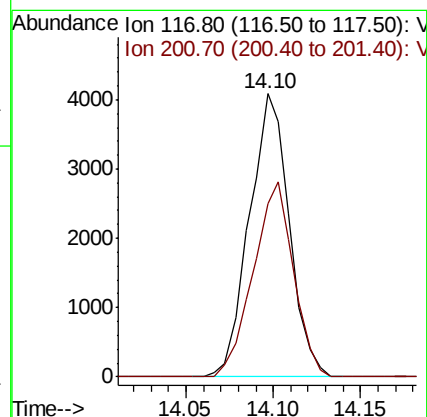
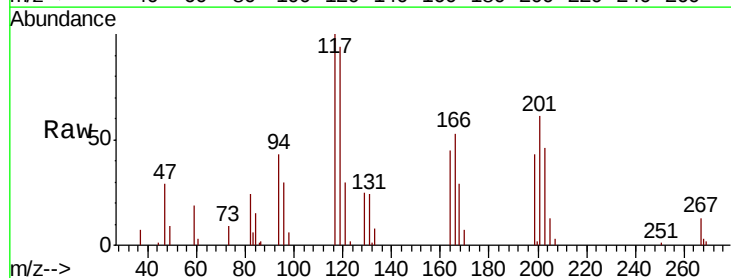
Acq: 02 Jan 2019 13:19

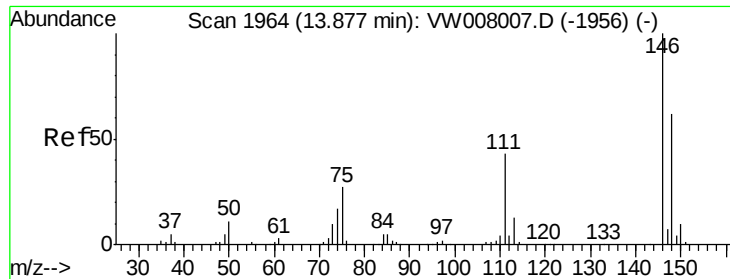
Tgt Ion: 117 Resp: 6491

Ion Ratio Lower Upper

117 100

201 69.7 37.1 111.5

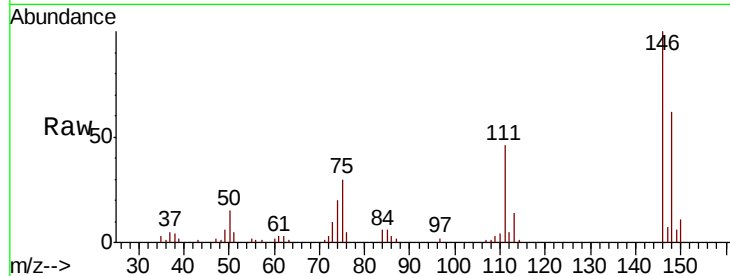




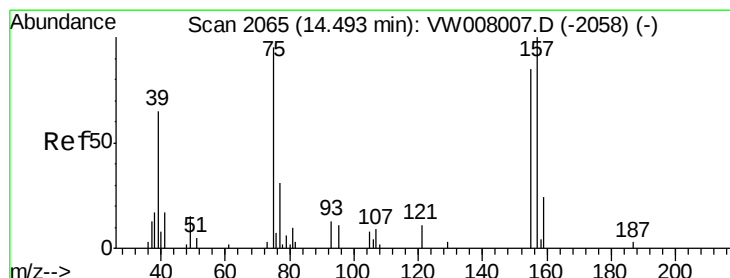
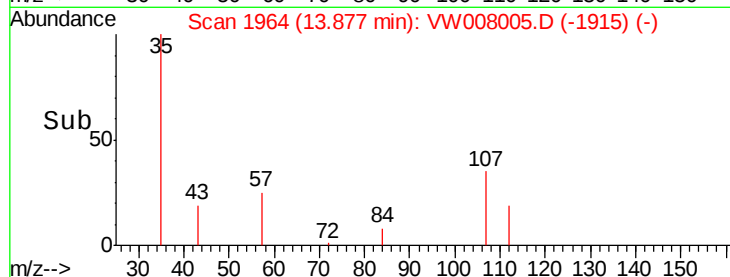
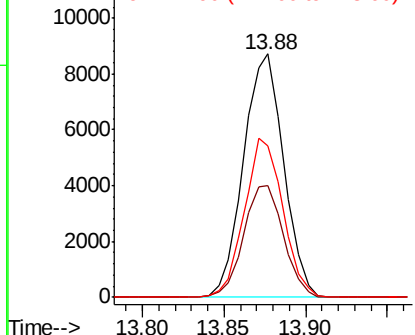
#91
 1,2-Dichlorobenzene
 Concen: 9.706 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 14886
 Ion Ratio Lower Upper
 146 100
 111 45.7 22.6 67.7
 148 62.8 32.1 96.3

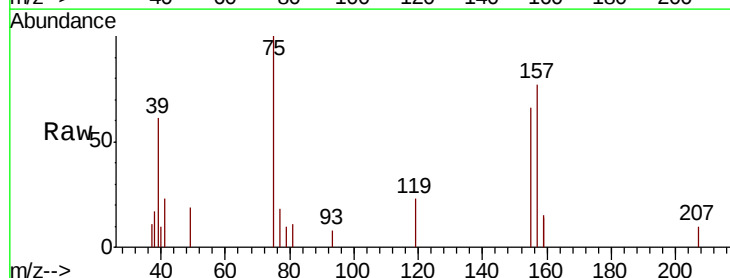


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

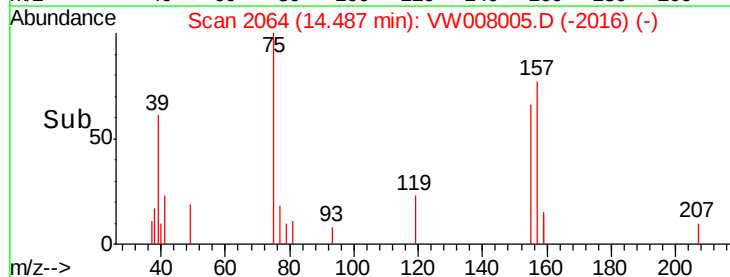
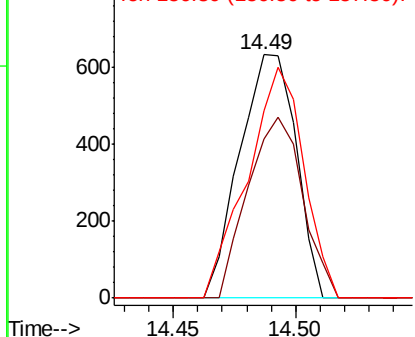


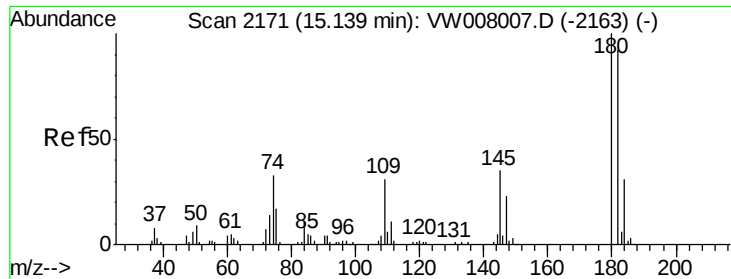
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.728 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion: 75 Resp: 1011
 Ion Ratio Lower Upper
 75 100
 155 72.4 42.4 127.1
 157 95.0 52.3 156.8



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

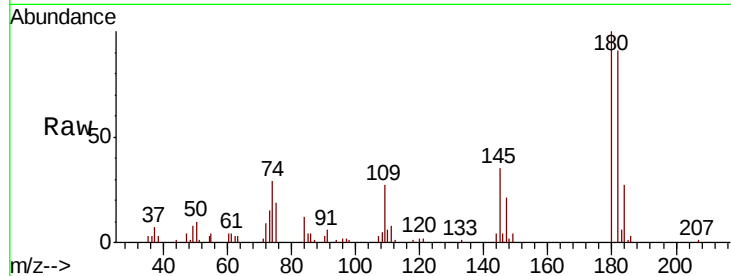




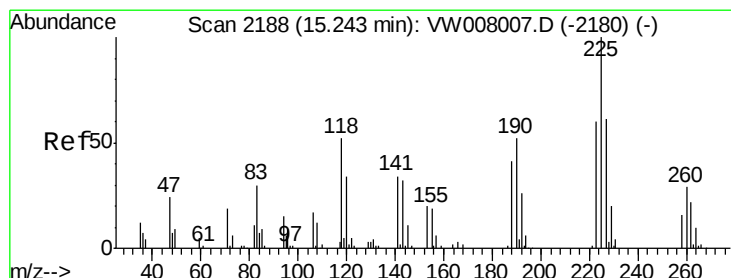
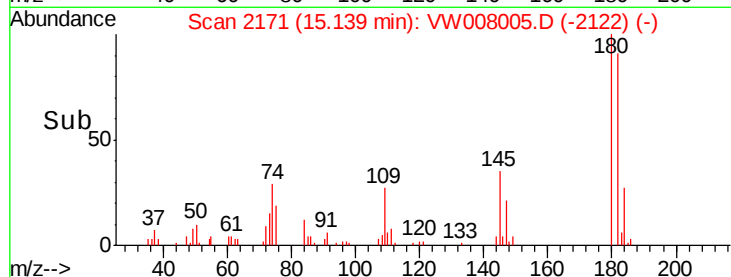
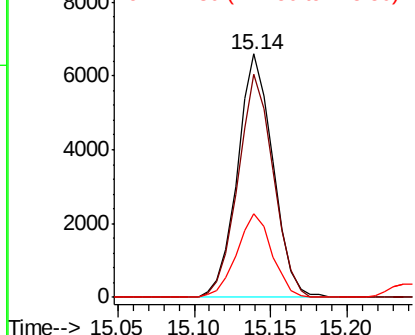
#93
 1,2,4-Trichlorobenzene
 Concen: 9.830 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 10588
 Ion Ratio Lower Upper
 180 100
 182 91.2 46.6 139.8
 145 34.1 17.2 51.6

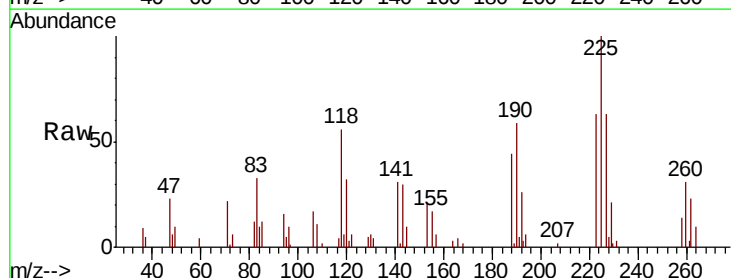


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

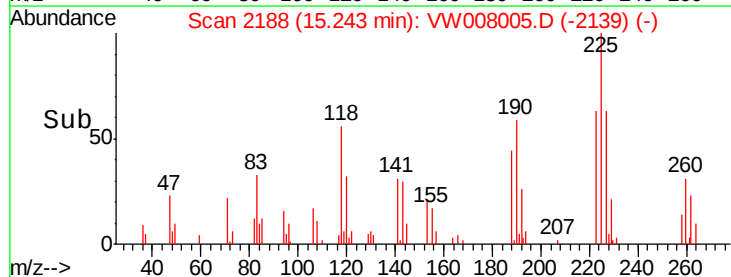
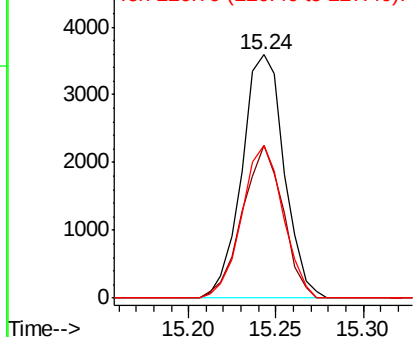


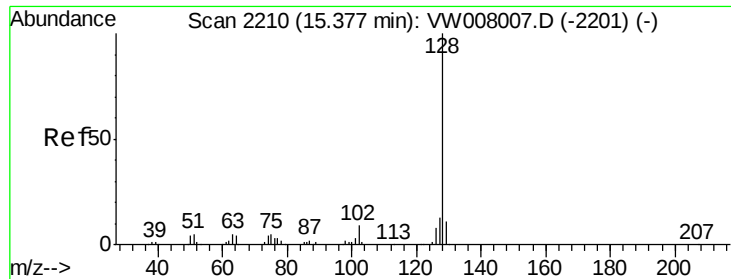
#94
 Hexachlorobutadiene
 Concen: 9.742 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008005.D
 Acq: 02 Jan 2019 13:19

Tgt Ion:225 Resp: 6059
 Ion Ratio Lower Upper
 225 100
 223 60.2 30.6 92.0
 227 61.2 31.3 93.8



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

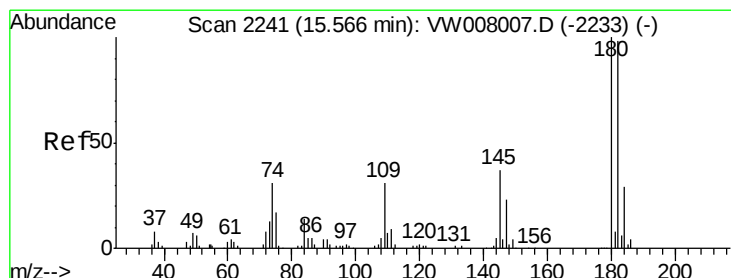
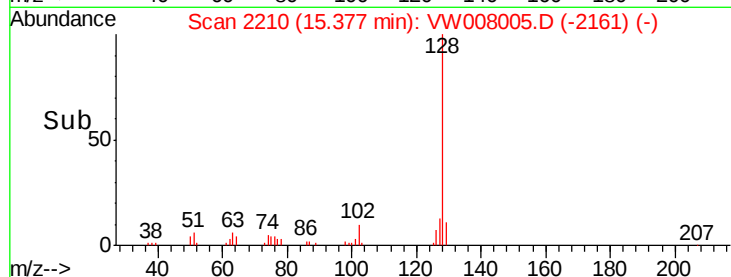
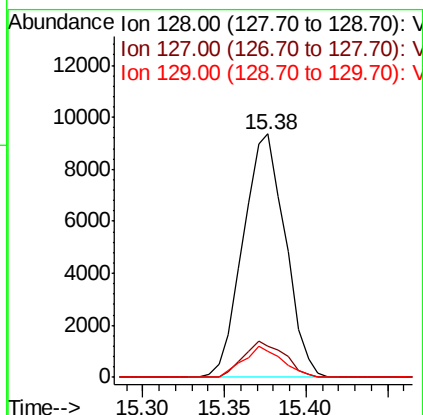
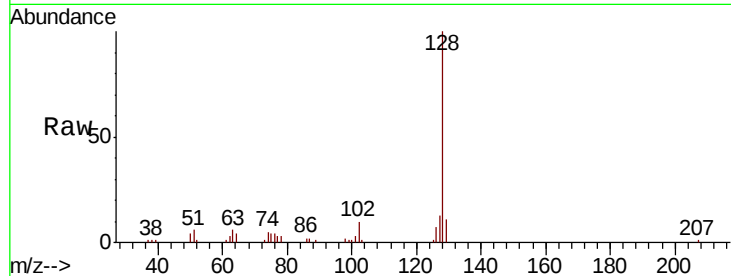




#95
Naphthalene
Concen: 9.180 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 16841
Ion Ratio Lower Upper
128 100
127 14.6 10.8 16.2
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 9.127 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008005.D
Acq: 02 Jan 2019 13:19

Tgt Ion:180 Resp: 8089
Ion Ratio Lower Upper
180 100
182 102.4 47.9 143.8
145 39.2 18.7 56.1

