

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010219\
 Data File : VW008009.D
 Acq On : 02 Jan 2019 15:02
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 03 04:45:06 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	65424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	103231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	108867	150.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.90%	
35) Dibromofluoromethane	7.88	113	97184	149.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.68%	
50) Toluene-d8	10.32	98	363701	148.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.96%	
62) 4-Bromofluorobenzene	12.62	95	139889	149.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	101683	166.934	ug/l	96
3) Chloromethane	2.22	50	71390	160.283	ug/l	100
4) Vinyl Chloride	2.37	62	86568	150.489	ug/l	96
5) Bromomethane	2.78	94	55742	152.522	ug/l	90
6) Chloroethane	2.93	64	46326	157.564	ug/l	95
7) Trichlorofluoromethane	3.26	101	98102	169.891	ug/l	100
8) Diethyl Ether	3.68	74	44388	149.662	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	104357	152.075	ug/l	98
10) Methyl Iodide	4.26	142	168513	152.639	ug/l	100
11) Tert butyl alcohol	5.18	59	33954	722.235	ug/l	100
12) 1,1-Dichloroethene	4.03	96	100543	153.069	ug/l	95
13) Acrolein	3.89	56	24885	781.241	ug/l	99
14) Allyl chloride	4.67	41	135102	151.822	ug/l	98
15) Acrylonitrile	5.37	53	84076	770.736	ug/l	99
16) Acetone	4.12	43	81635	728.788	ug/l	99
17) Carbon Disulfide	4.37	76	310022	154.513	ug/l	99
18) Methyl Acetate	4.67	43	46678	160.685	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	154420	149.385	ug/l	99
20) Methylene Chloride	4.91	84	101191	130.976	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	105169	147.160	ug/l	94
22) Diisopropyl ether	6.31	45	240402	150.511	ug/l	97
23) Vinyl Acetate	6.26	43	689478	771.526	ug/l	98
24) 1,1-Dichloroethane	6.21	63	176945	149.100	ug/l	99
25) 2-Butanone	7.17	43	98616	747.219	ug/l	99
26) 2,2-Dichloropropane	7.16	77	137460	140.588	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	114547	150.470	ug/l	96
28) Bromochloromethane	7.51	49	55465	145.410	ug/l	98
29) Tetrahydrofuran	7.53	42	63087	769.561	ug/l	98
30) Chloroform	7.68	83	197219	148.280	ug/l	98
31) Cyclohexane	7.96	56	154001	139.227	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	191614	150.559	ug/l	100
36) 1,1-Dichloropropene	8.08	75	150549	147.839	ug/l	99
37) Ethyl Acetate	7.25	43	46239	151.165	ug/l	98
38) Carbon Tetrachloride	8.07	117	185067	151.644	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	190376	149.980	ug/l	99
40) Benzene	8.32	78	393235	146.377	ug/l	100
41) Methacrylonitrile	7.48	41	28156	149.395	ug/l	92
42) 1,2-Dichloroethane	8.40	62	133685	149.354	ug/l	100
43) Isopropyl Acetate	8.43	43	96229	157.448	ug/l	99
44) Trichloroethene	9.09	130	116871	147.424	ug/l	96
45) 1,2-Dichloropropane	9.37	63	87186	149.936	ug/l	100
46) Dibromomethane	9.46	93	50434	148.347	ug/l	97
47) Bromodichloromethane	9.65	83	144115	151.345	ug/l	96
48) Methyl methacrylate	9.44	41	48236	156.527	ug/l	99
49) 1,4-Dioxane	9.45	88	16227	3225.323	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	213940	756.215	ug/l	100
52) Toluene	10.39	92	258197	145.584	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	136550	149.130	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	156632	153.298	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	66237	143.898	ug/l	99
56) Ethyl methacrylate	10.65	69	80129	153.982	ug/l	98
57) 1,3-Dichloropropane	10.93	76	116005	148.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	178205	722.079	ug/l	99
59) 2-Hexanone	10.97	43	149121	763.517	ug/l	99
60) Dibromochloromethane	11.13	129	96757	153.563	ug/l	99
61) 1,2-Dibromoethane	11.24	107	70521	153.093	ug/l	98
64) Tetrachloroethene	10.87	164	93787	143.204	ug/l	93
65) Chlorobenzene	11.66	112	300047	148.076	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	107800	146.907	ug/l	99
67) Ethyl Benzene	11.73	91	535328	148.841	ug/l	99
68) m/p-Xylenes	11.84	106	406540	292.372	ug/l	98
69) o-Xylene	12.17	106	191434	147.957	ug/l	99
70) Styrene	12.18	104	314483	149.126	ug/l	99
71) Bromoform	12.35	173	53223	156.553	ug/l #	98
73) Isopropylbenzene	12.47	105	549359	152.968	ug/l	99
74) N-amyl acetate	12.27	43	89718	160.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	69623	152.363	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	105702	168.018	ug/l	24
77) Bromobenzene	12.75	156	118382	153.361	ug/l	98
78) n-propylbenzene	12.81	91	628486	150.939	ug/l	99
79) 2-Chlorotoluene	12.90	91	365585	151.914	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	466855	151.021	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	25023	164.696	ug/l	99
82) 4-Chlorotoluene	12.99	91	386497	151.039	ug/l	99
83) tert-Butylbenzene	13.21	119	404414	149.528	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	461075	147.253	ug/l	100
85) sec-Butylbenzene	13.39	105	551545	148.243	ug/l	99
86) p-Isopropyltoluene	13.51	119	496954	148.082	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	225715	144.921	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	225058	145.955	ug/l	99
89) n-Butylbenzene	13.83	91	456333	148.662	ug/l	100
90) Hexachloroethane	14.10	117	87335	149.979	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	200071	146.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14933	161.013	ug/l	94

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QLast Update : Thu Jan 03 04:40:01 2019
Response via : Initial Calibration

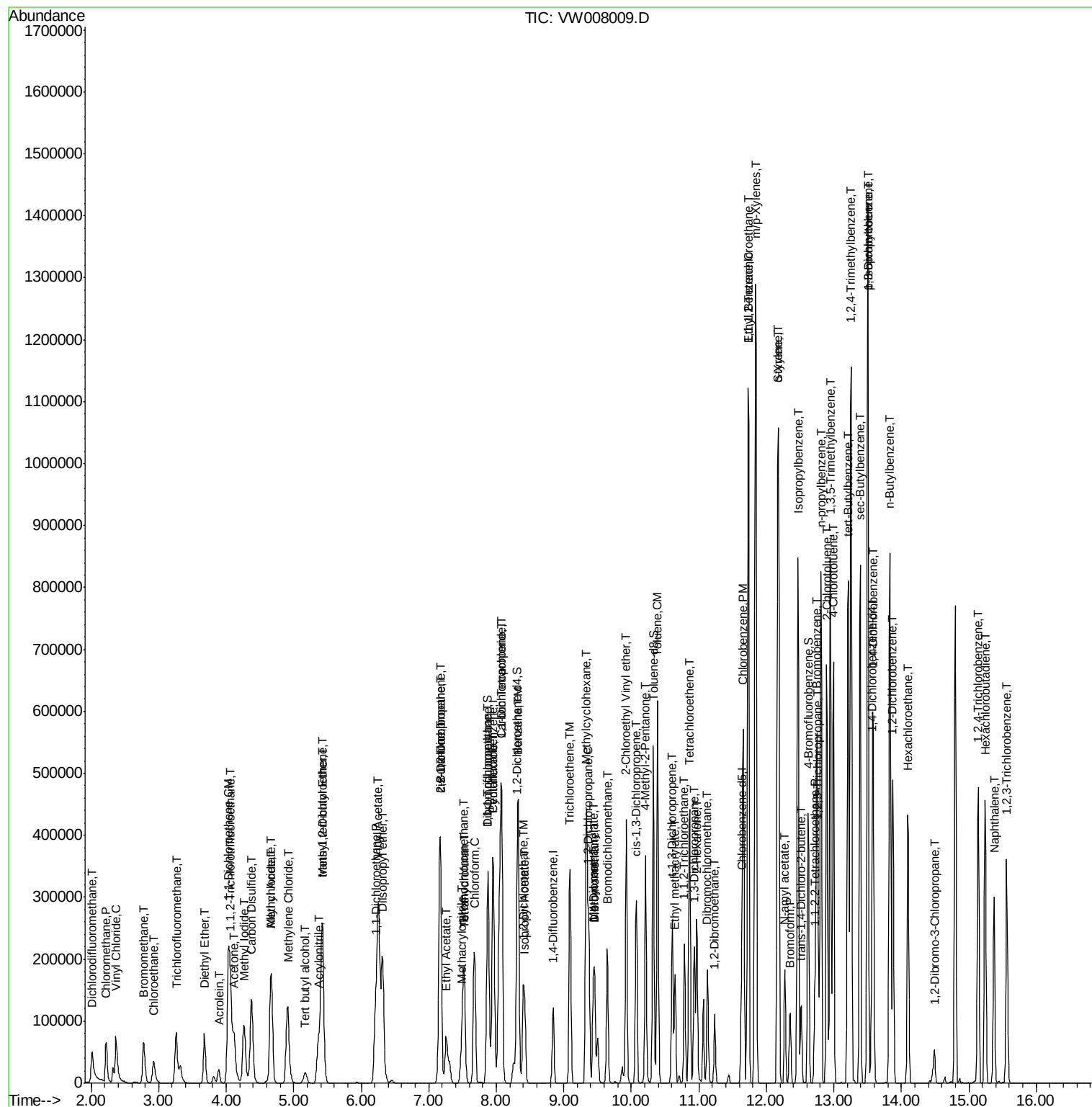
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	142845	148.601	ug/l	98
94) Hexachlorobutadiene	15.24	225	82586	148.795	ug/l	98
95) Naphthalene	15.38	128	262638	160.424	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	122425	154.781	ug/l	99

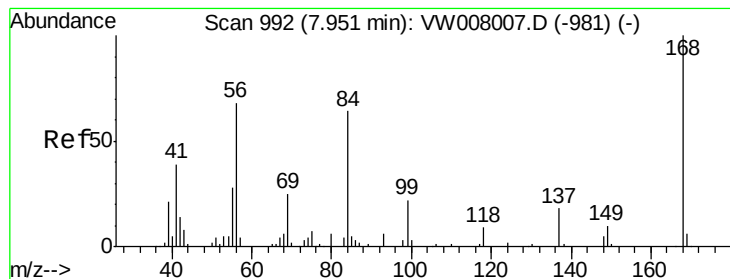
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

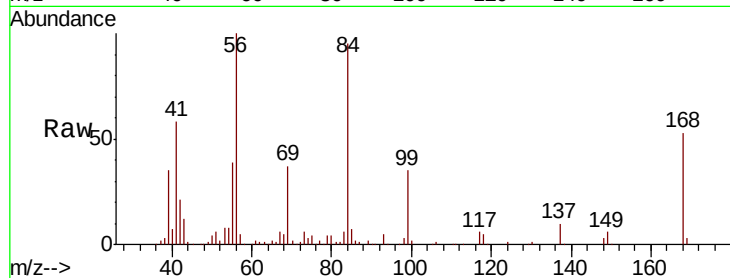
VSTDIC150

Tgt Ion:168 Resp: 65424

Ion Ratio Lower Upper

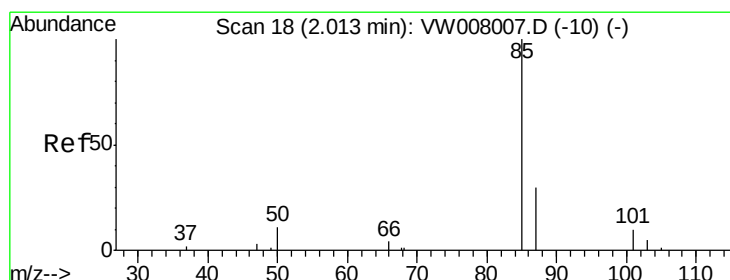
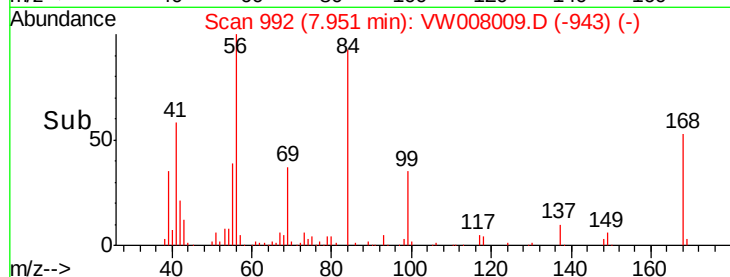
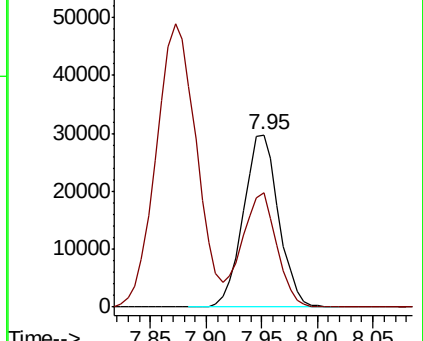
168 100

99 66.1 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 166.934 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008009.D

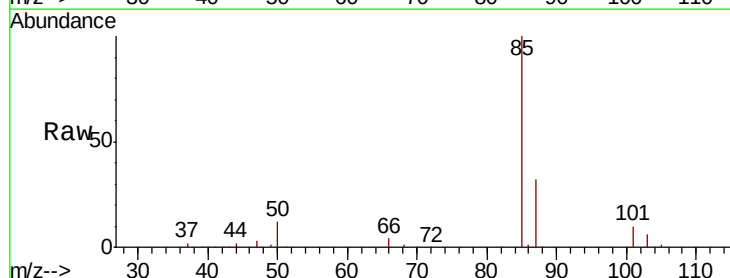
Acq: 02 Jan 2019 15:02

Tgt Ion: 85 Resp: 101683

Ion Ratio Lower Upper

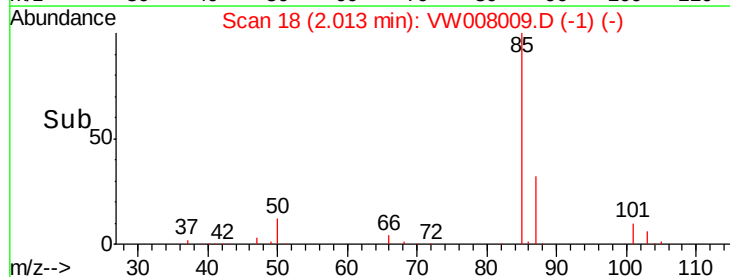
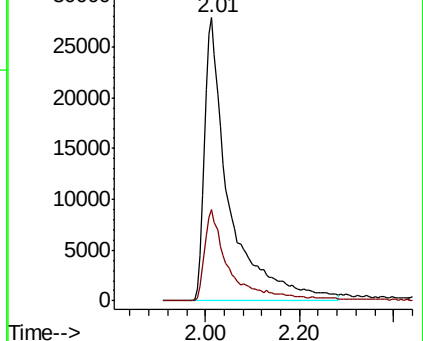
85 100

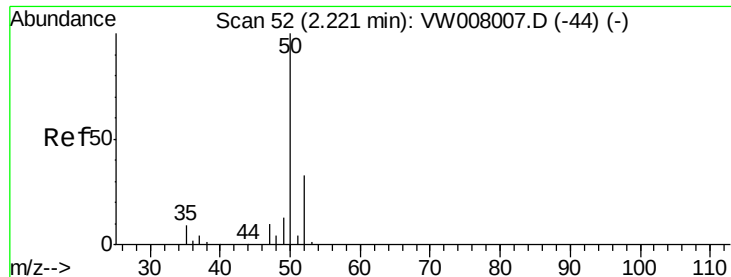
87 32.3 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 160.283 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

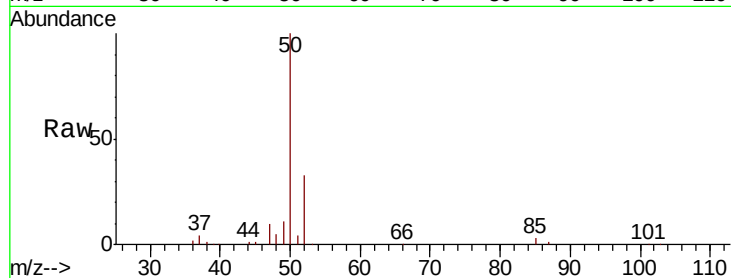
VSTDIC150

Tgt Ion: 50 Resp: 71390

Ion Ratio Lower Upper

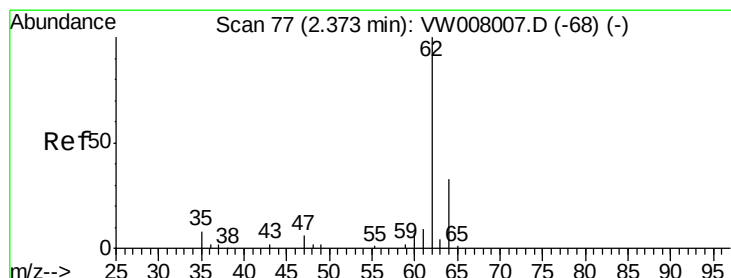
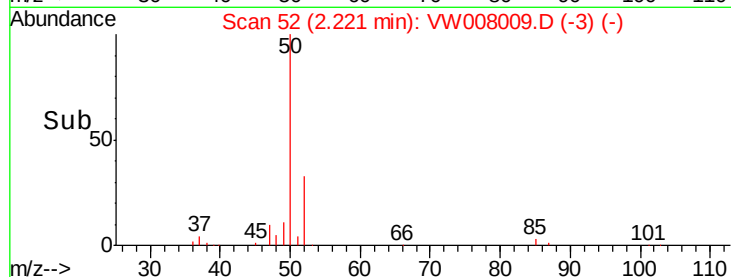
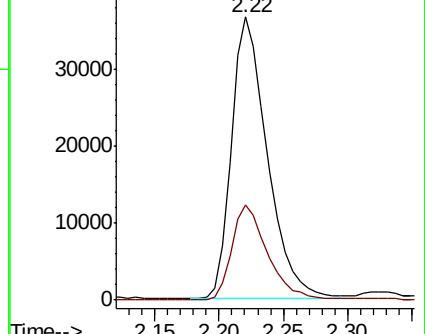
50 100

52 33.6 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 150.489 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW008009.D

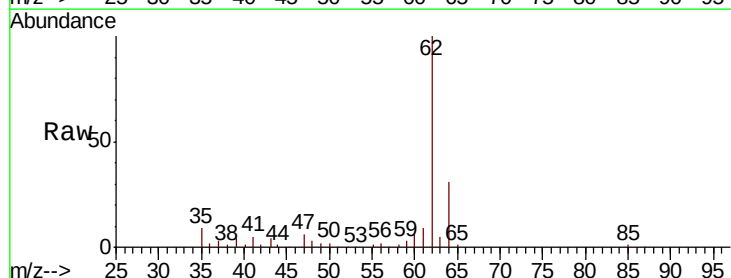
Acq: 02 Jan 2019 15:02

Tgt Ion: 62 Resp: 86568

Ion Ratio Lower Upper

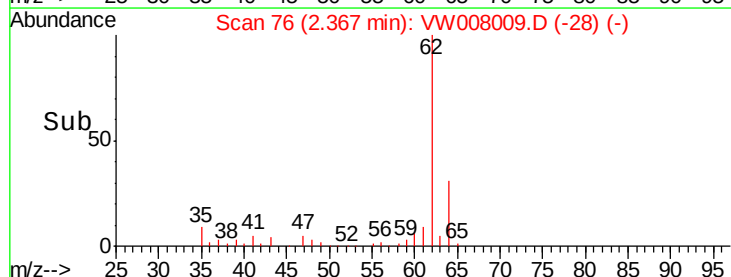
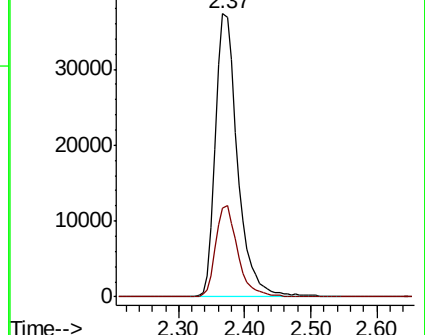
62 100

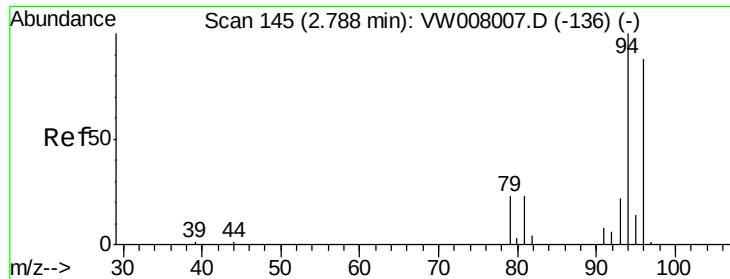
64 31.4 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

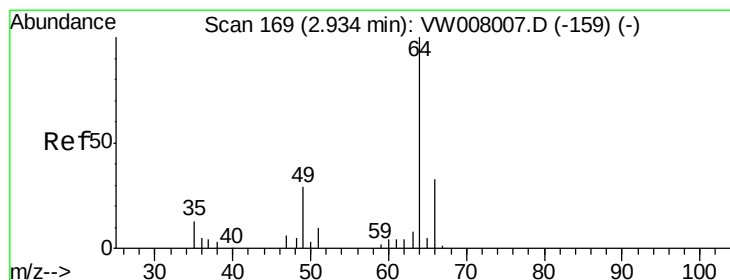
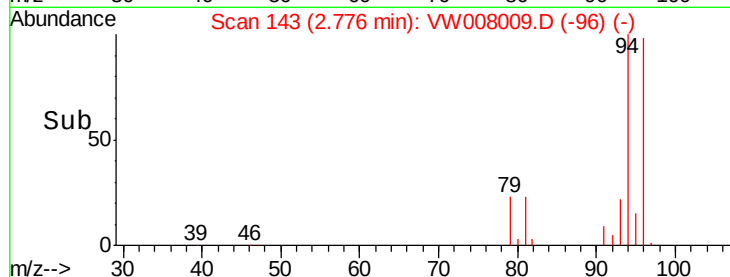
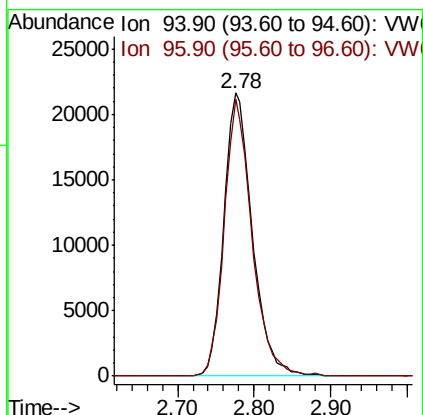
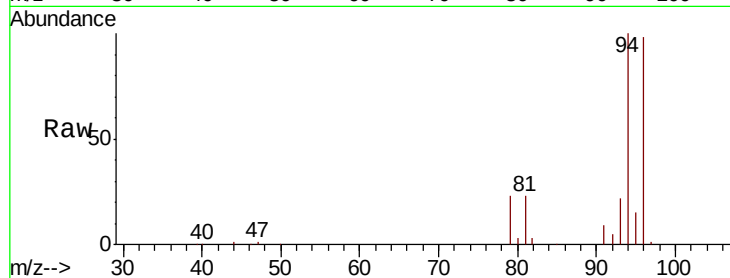




#5
Bromomethane
Concen: 152.522 ug/l
RT: 2.78 min Scan# 143
Delta R.T. -0.01 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

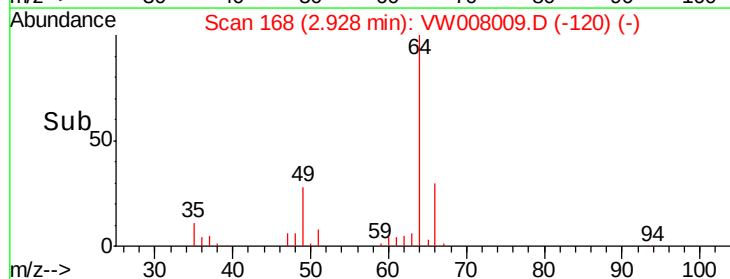
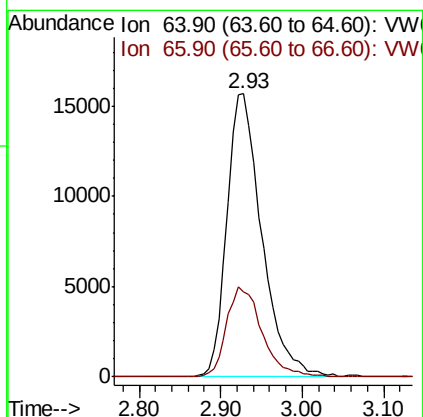
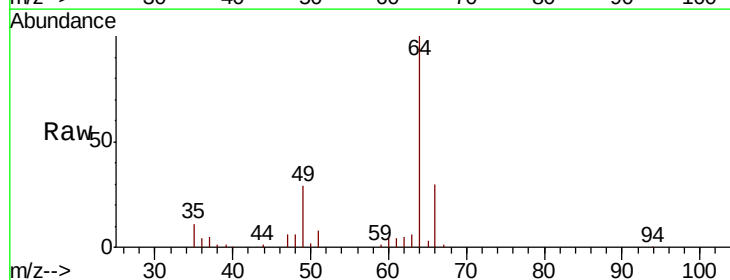
Instrument :
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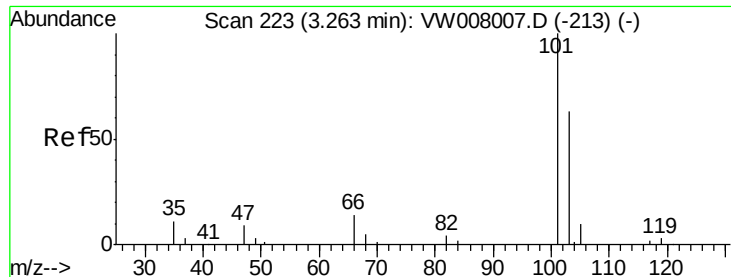
Tgt Ion: 94 Resp: 55742
Ion Ratio Lower Upper
94 100
96 97.7 70.7 106.1



#6
Chloroethane
Concen: 157.564 ug/l
RT: 2.93 min Scan# 168
Delta R.T. -0.01 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 64 Resp: 46326
Ion Ratio Lower Upper
64 100
66 30.2 26.6 39.8



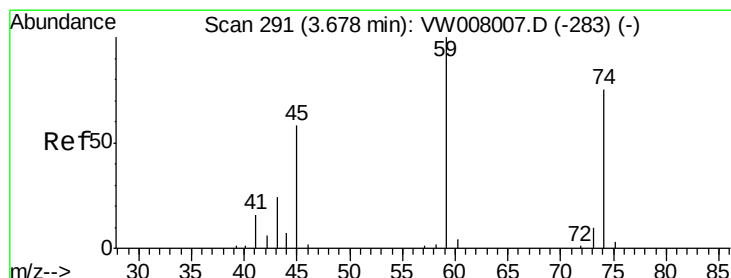
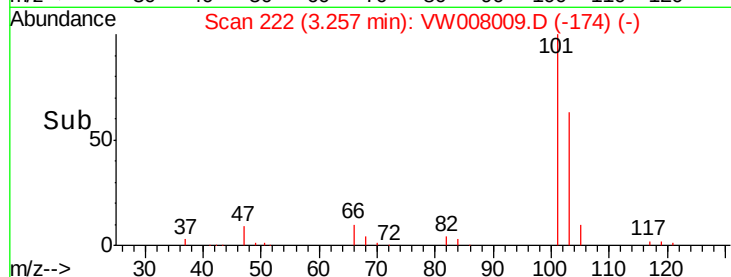
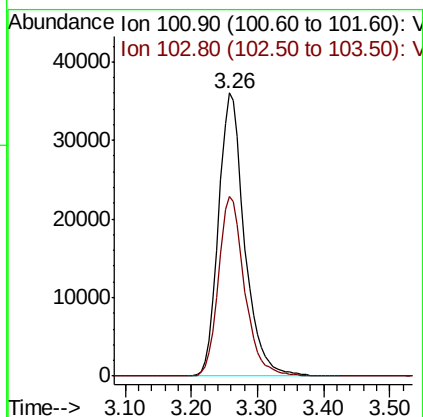
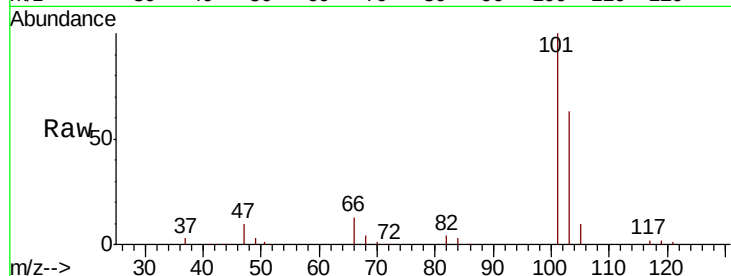


#7

Trichlorofluoromethane
 Concen: 169.891 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Instrument :
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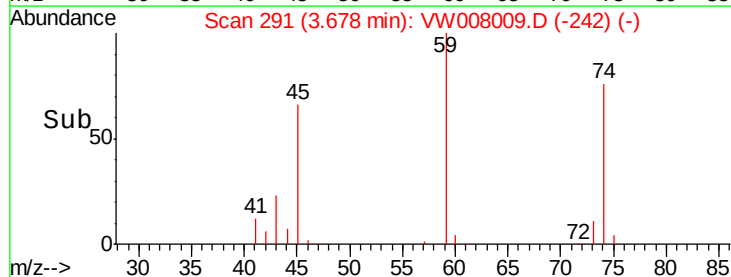
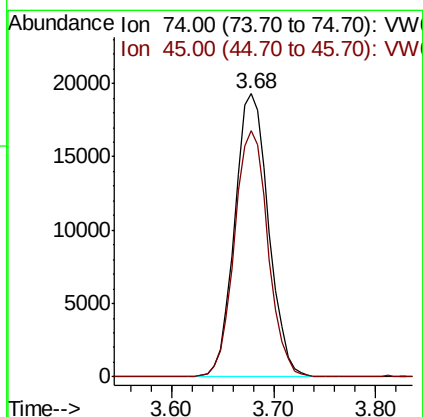
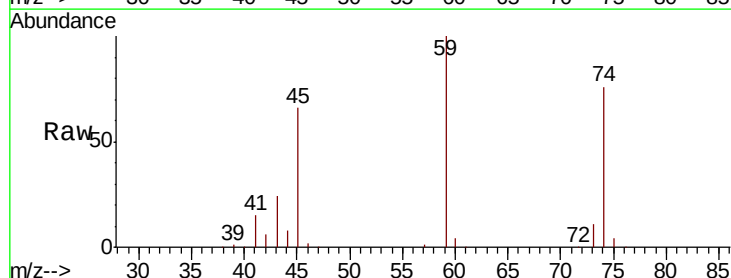
Tgt Ion: 101 Resp: 98102
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.5 75.7

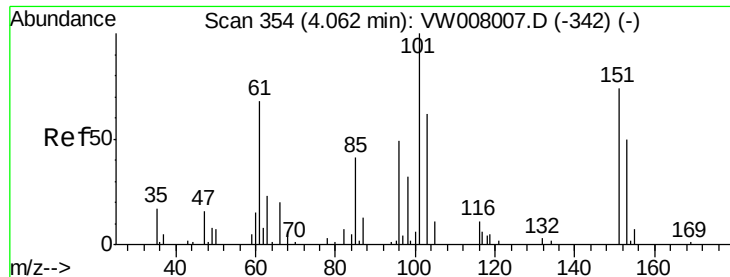


#8

Diethyl Ether
 Concen: 149.662 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion: 74 Resp: 44388
 Ion Ratio Lower Upper
 74 100
 45 85.9 41.4 124.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 152.075 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

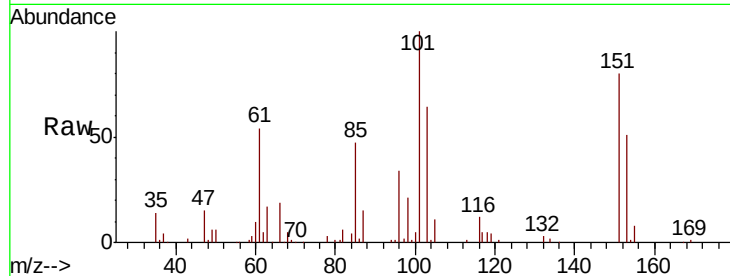
Tgt Ion:101 Resp: 104357

Ion Ratio Lower Upper

101 100

85 45.5 35.1 52.7

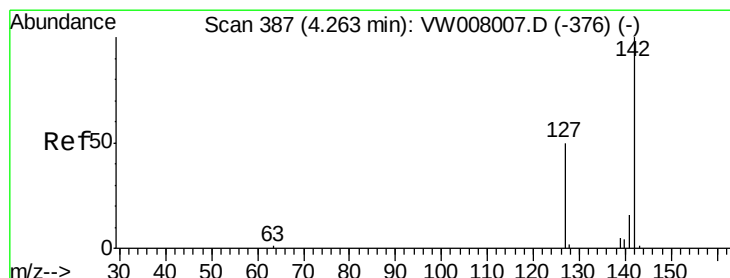
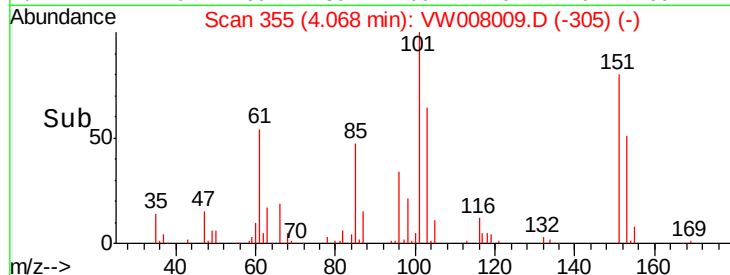
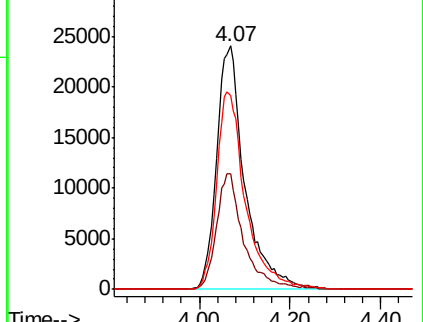
151 82.9 65.3 97.9



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: 152.639 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

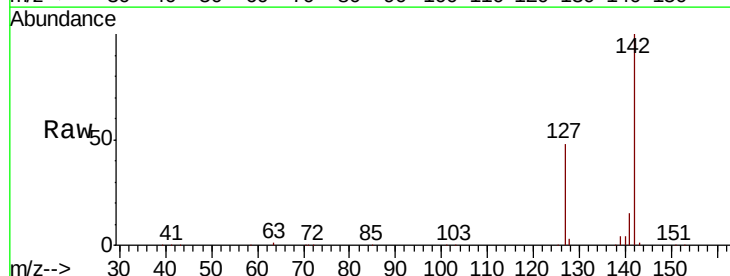
Tgt Ion:142 Resp: 168513

Ion Ratio Lower Upper

142 100

127 48.8 39.4 59.0

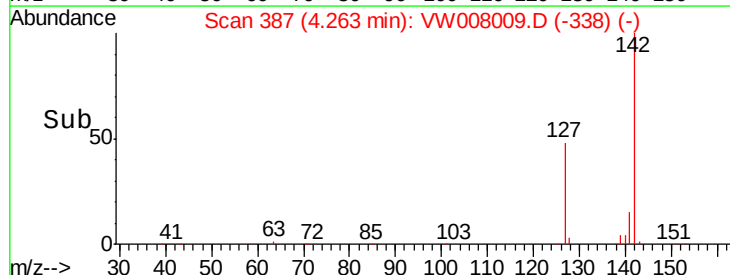
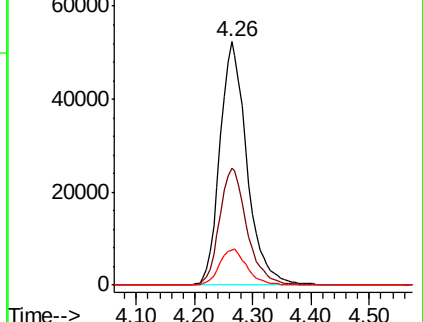
141 15.1 12.1 18.1

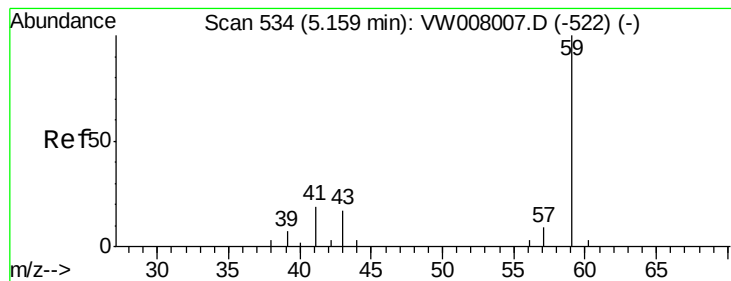


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



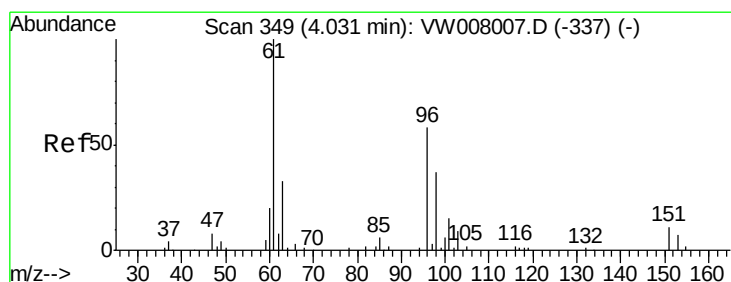
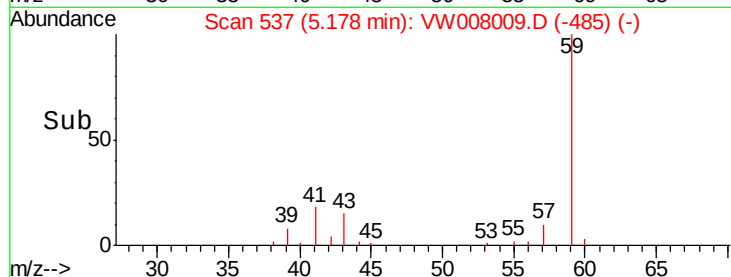
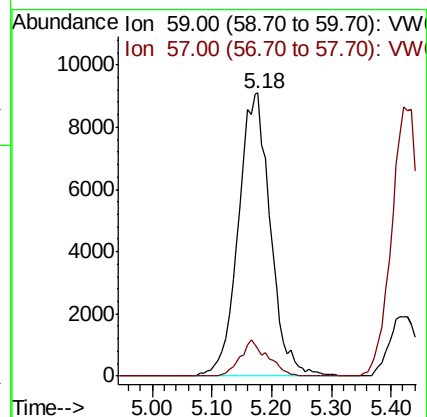
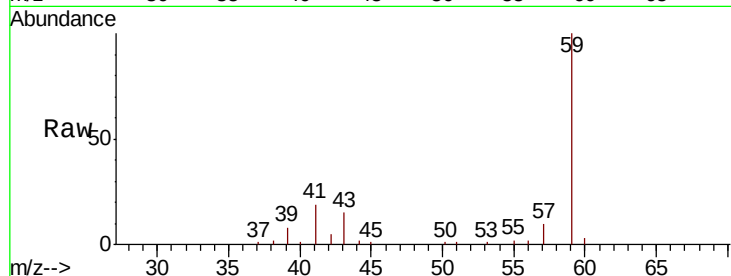


#11

Tert butyl alcohol
Concen: 722.235 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.02 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

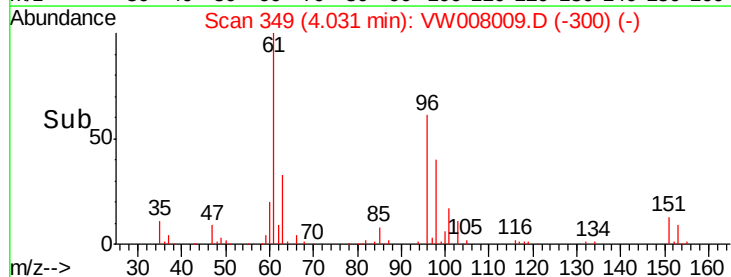
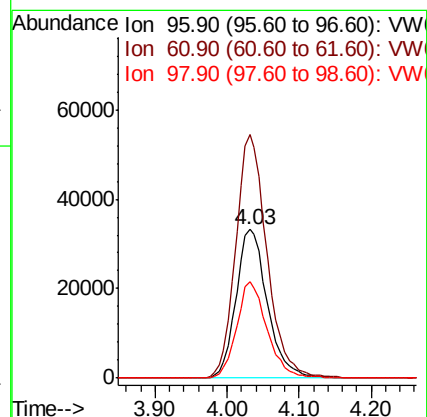
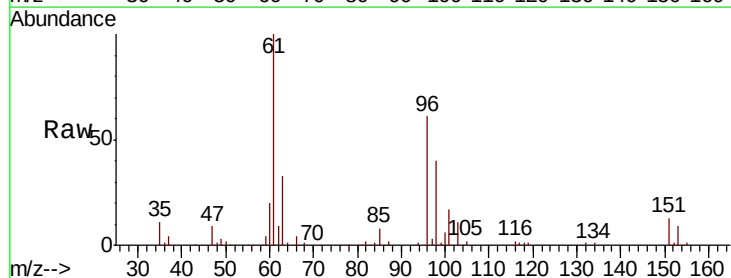
Tgt Ion: 59 Resp: 33954
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

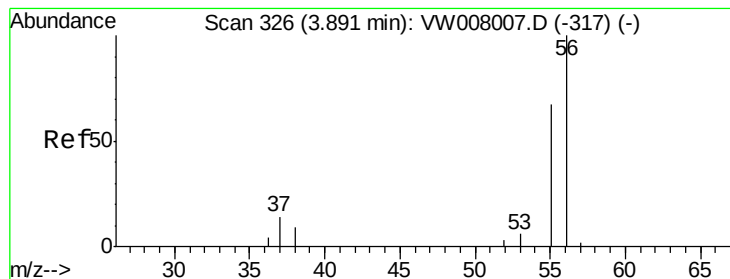


#12

1,1-Dichloroethene
Concen: 153.069 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 96 Resp: 100543
Ion Ratio Lower Upper
96 100
61 163.7 137.3 205.9
98 64.7 50.5 75.7





#13

Acrolein

Concen: 781.241 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampled :

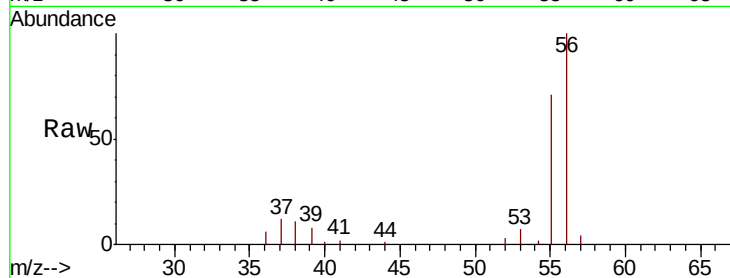
VSTDIC150

Tgt Ion: 56 Resp: 24885

Ion Ratio Lower Upper

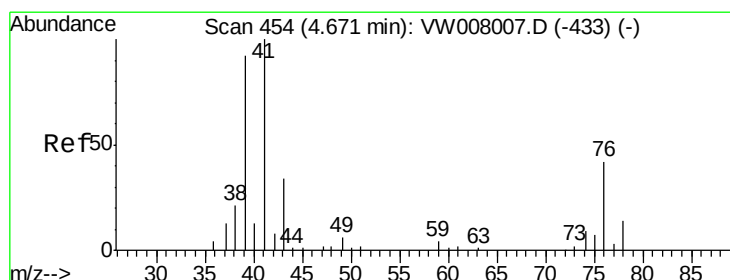
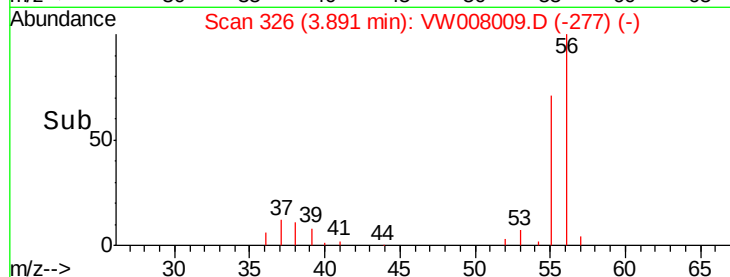
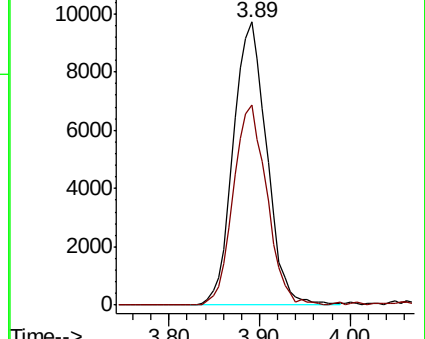
56 100

55 70.6 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 151.822 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

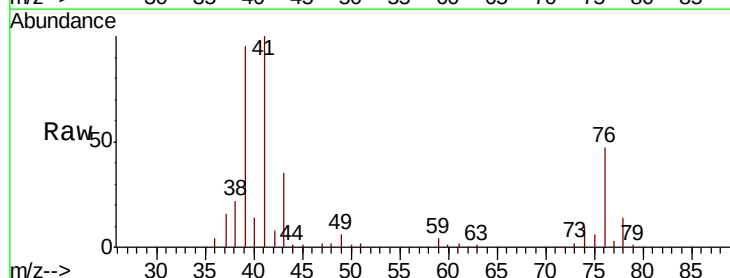
Tgt Ion: 41 Resp: 135102

Ion Ratio Lower Upper

41 100

39 90.5 71.1 106.7

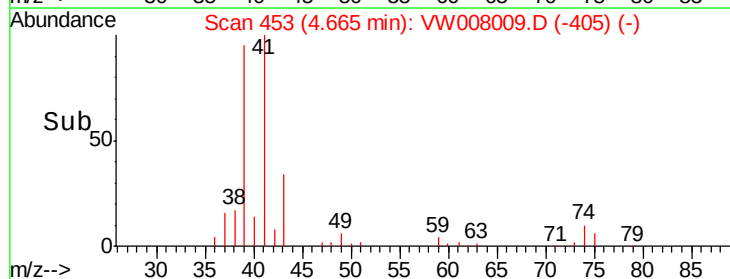
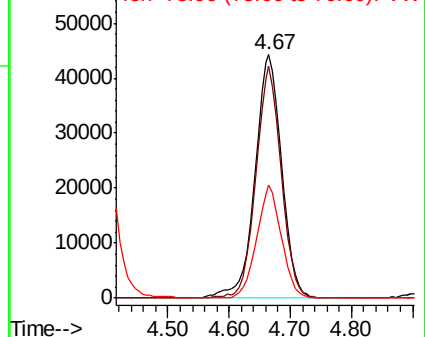
76 43.1 33.4 50.2

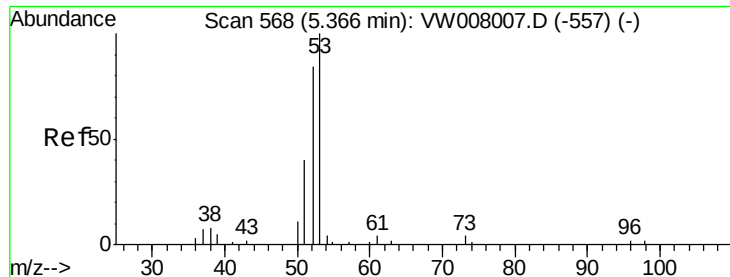


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 770.736 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

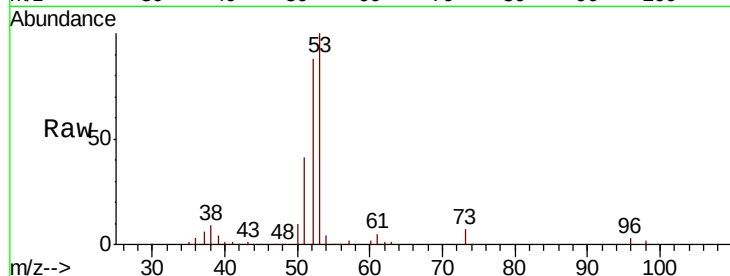
Tgt Ion: 53 Resp: 84076

Ion Ratio Lower Upper

53 100

52 83.8 67.8 101.8

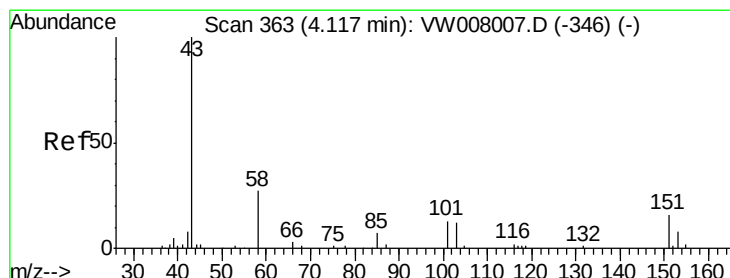
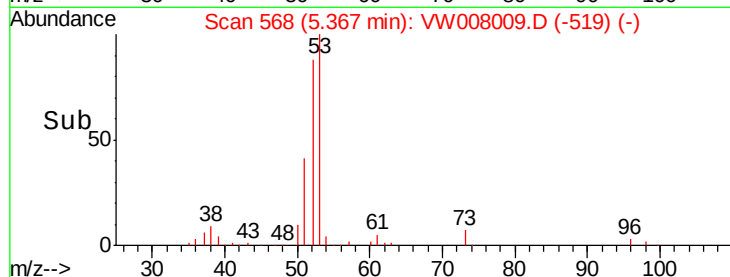
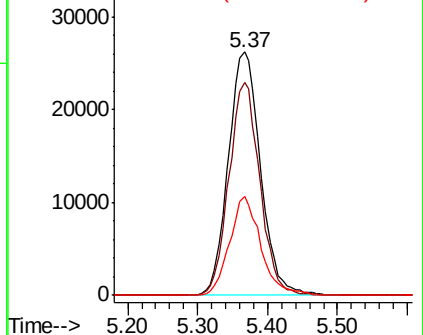
51 39.4 31.5 47.3



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 728.788 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008009.D

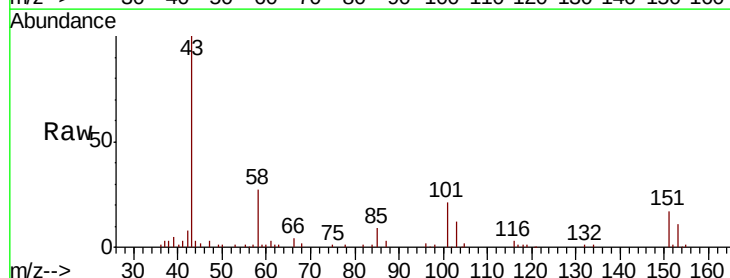
Acq: 02 Jan 2019 15:02

Tgt Ion: 43 Resp: 81635

Ion Ratio Lower Upper

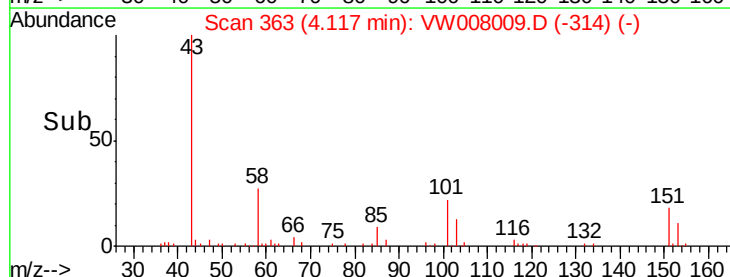
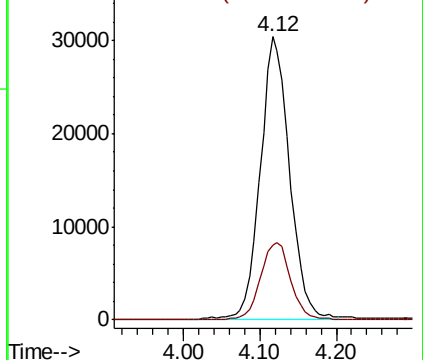
43 100

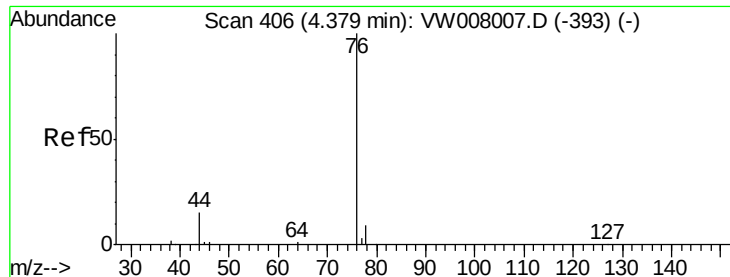
58 26.6 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 154.513 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

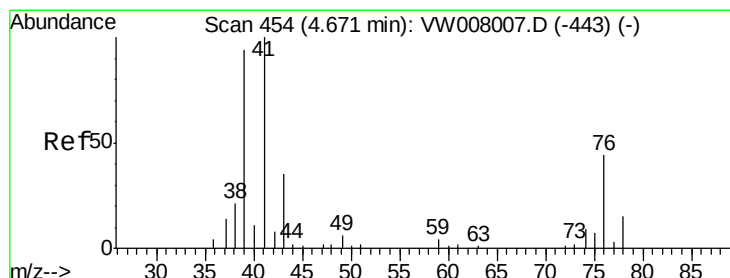
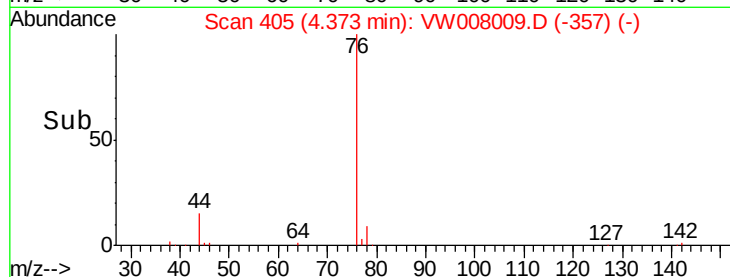
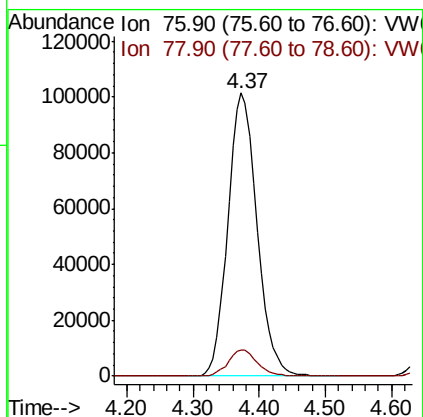
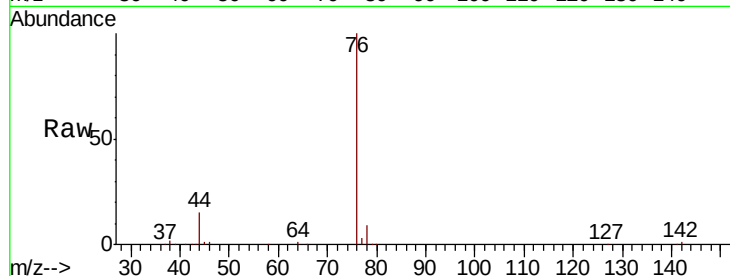
VSTDIC150

Tgt Ion: 76 Resp: 310022

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 160.685 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008009.D

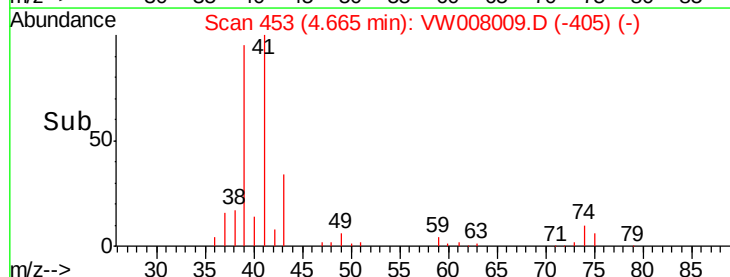
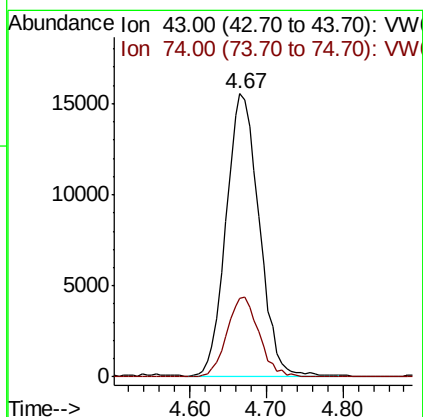
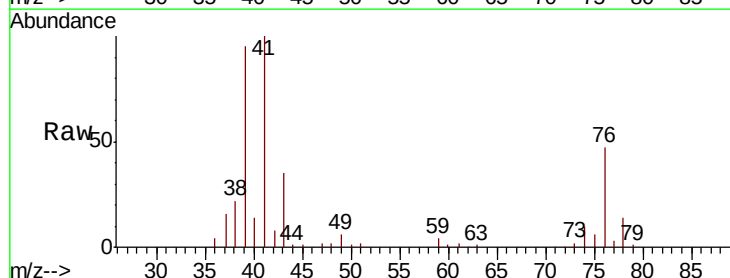
Acq: 02 Jan 2019 15:02

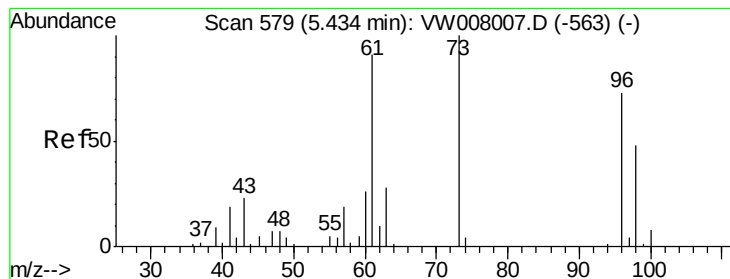
Tgt Ion: 43 Resp: 46678

Ion Ratio Lower Upper

43 100

74 27.1 21.4 32.2



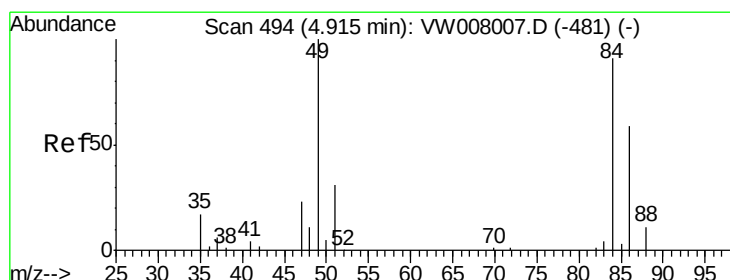
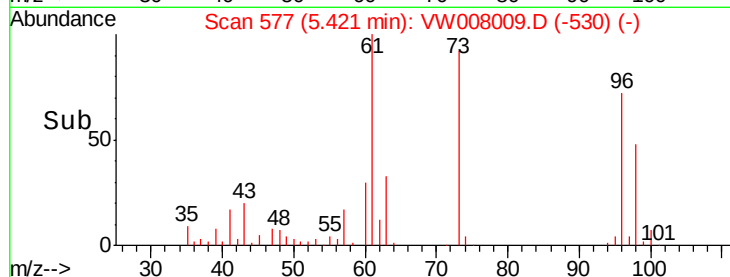
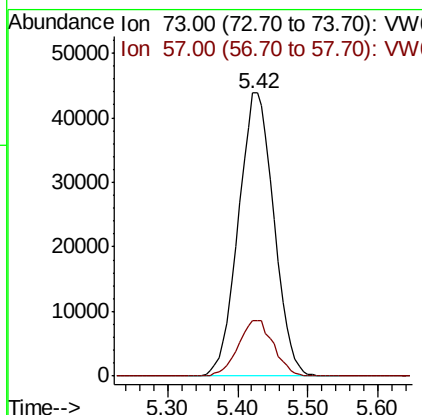
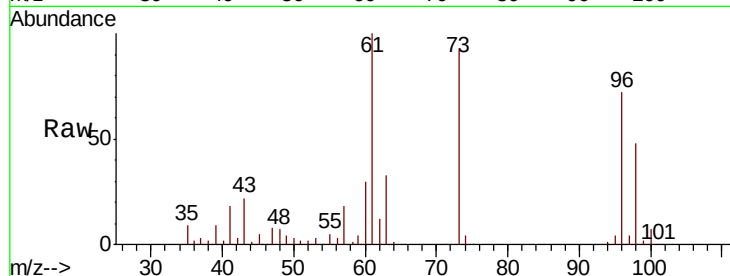


#19

Methyl tert-butyl Ether
 Concen: 149.385 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

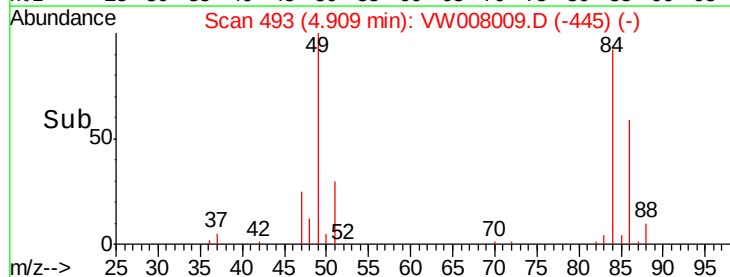
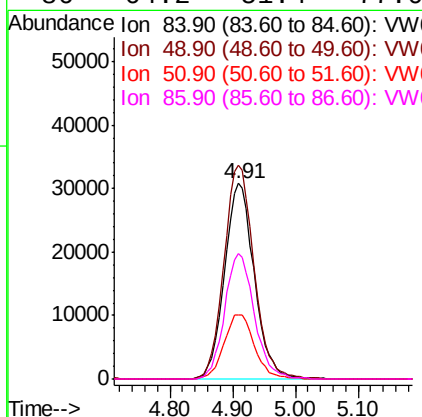
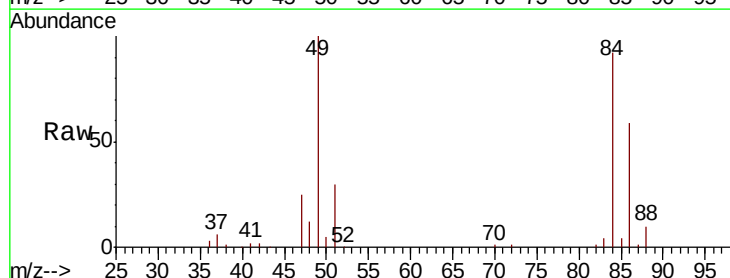
Tgt Ion: 73 Resp: 154420
 Ion Ratio Lower Upper
 73 100
 57 19.7 15.4 23.0

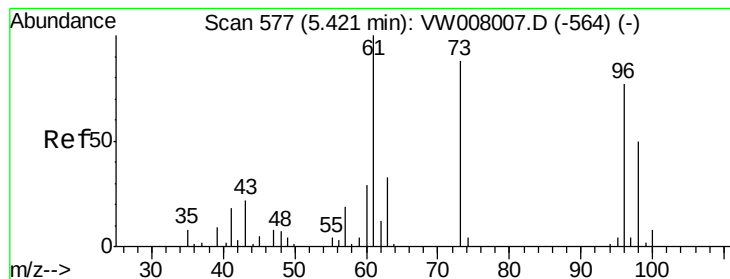


#20

Methylene Chloride
 Concen: 130.976 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion: 84 Resp: 101191
 Ion Ratio Lower Upper
 84 100
 49 109.3 87.7 131.5
 51 33.1 27.3 40.9
 86 64.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 147.160 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

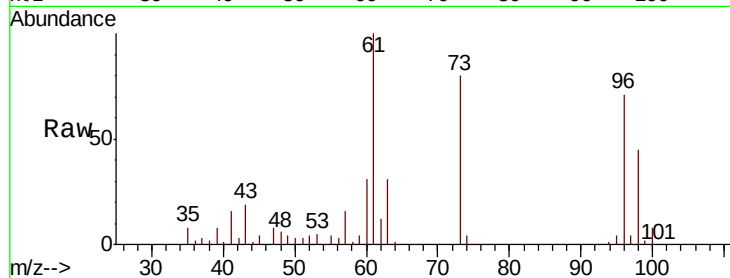
Tgt Ion: 96 Resp: 105169

Ion Ratio Lower Upper

96 100

61 140.0 104.2 156.2

98 63.3 51.8 77.6

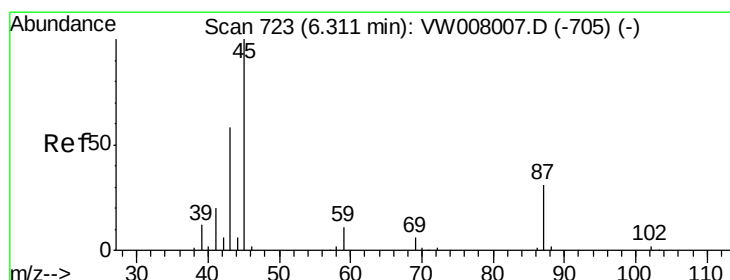
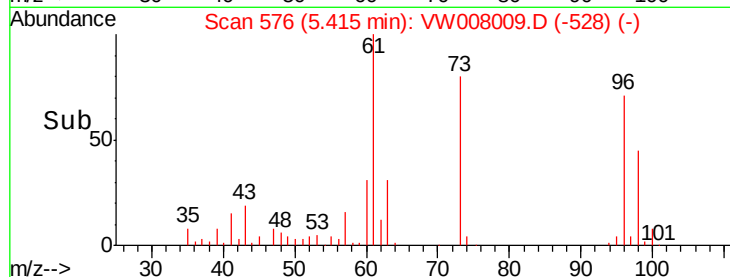
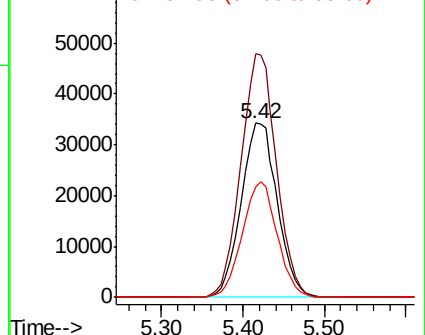


Abundance

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: 150.511 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Tgt Ion: 45 Resp: 240402

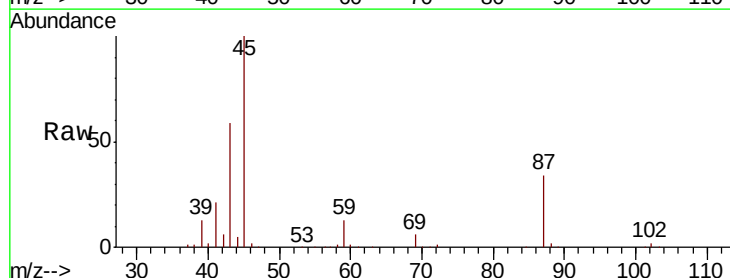
Ion Ratio Lower Upper

45 100

43 59.0 48.1 72.1

87 34.4 25.8 38.8

59 13.0 8.7 13.1



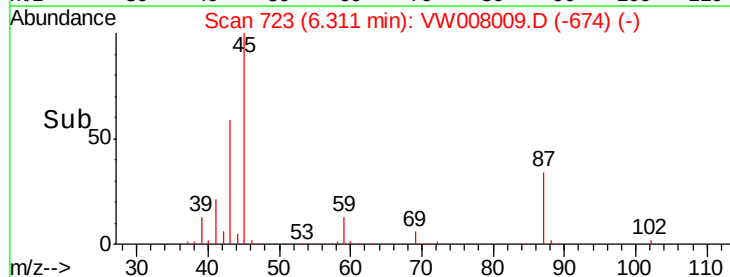
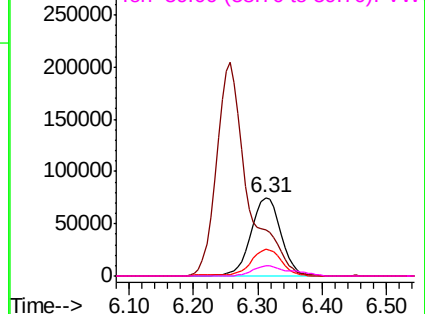
Abundance

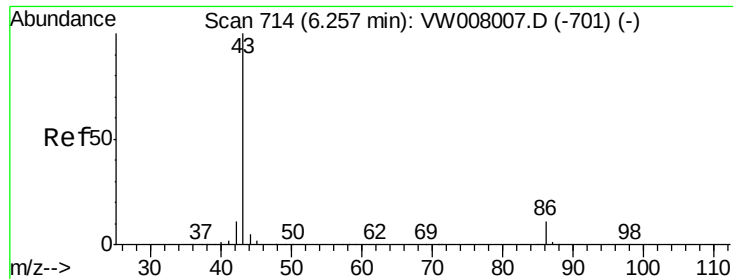
Ion 45.00 (44.70 to 45.70): VW

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: 771.526 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

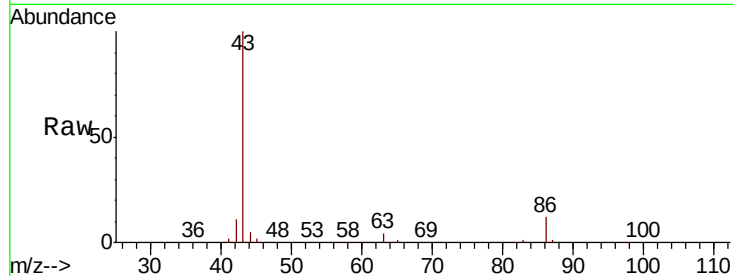
VSTDIC150

Tgt Ion: 43 Resp: 689478

Ion Ratio Lower Upper

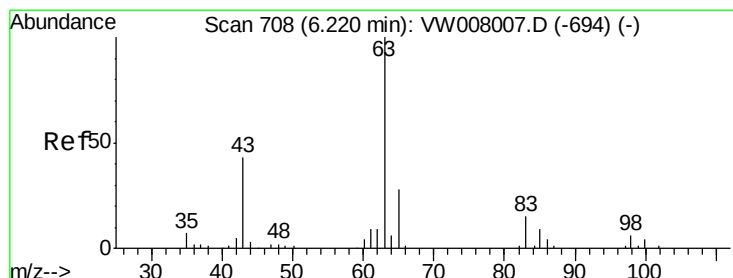
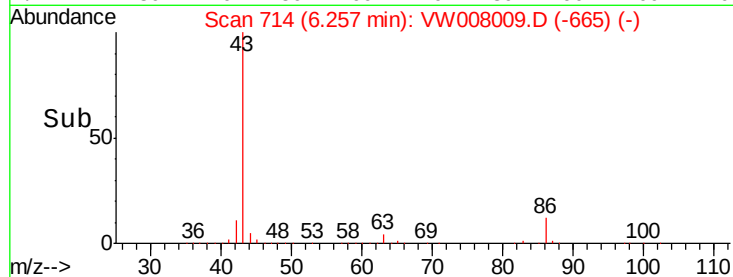
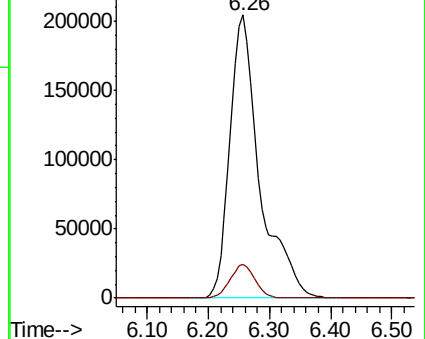
43 100

86 11.7 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: 149.100 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

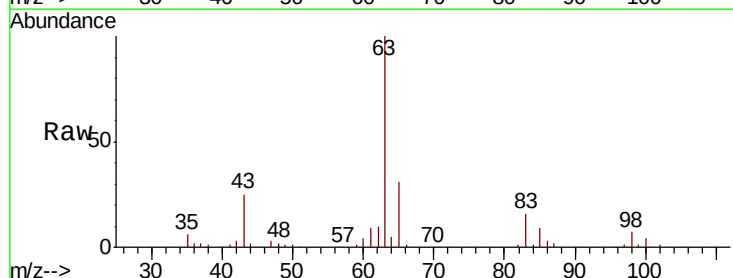
Tgt Ion: 63 Resp: 176945

Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

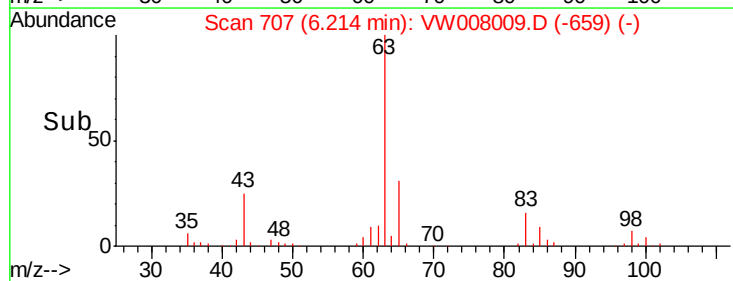
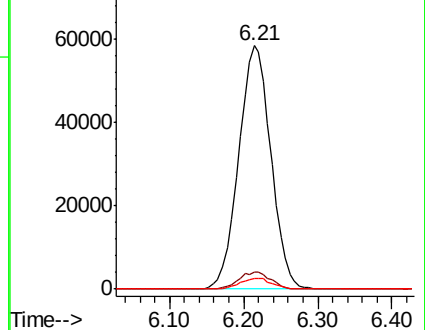
100 4.5 2.1 6.2

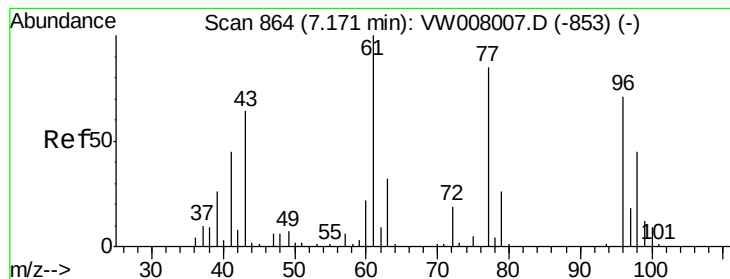


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 747.219 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

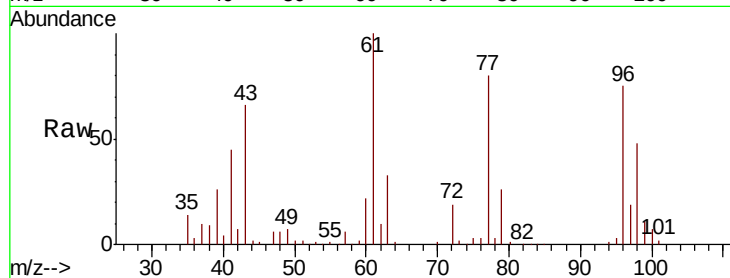
VSTDIC150

Tgt Ion: 43 Resp: 98616

Ion Ratio Lower Upper

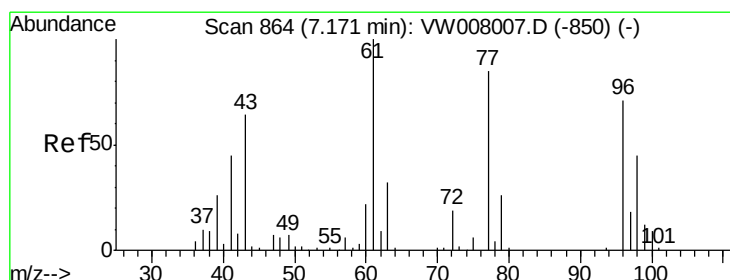
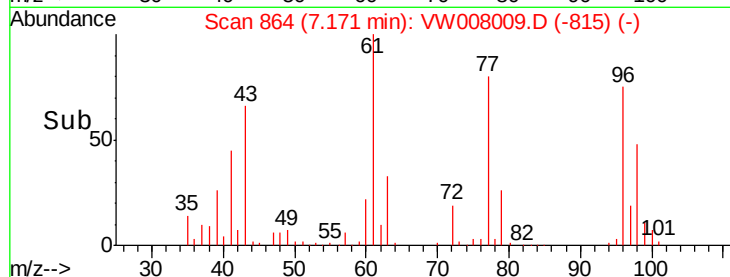
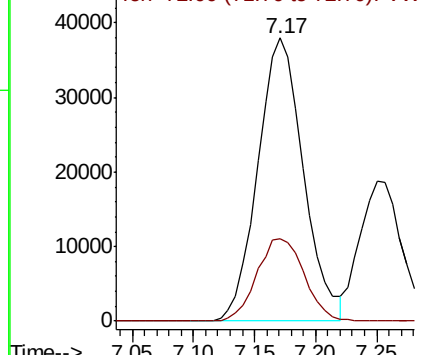
43 100

72 29.0 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: 140.588 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008009.D

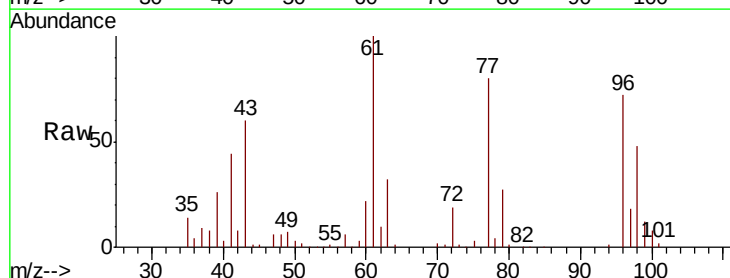
Acq: 02 Jan 2019 15:02

Tgt Ion: 77 Resp: 137460

Ion Ratio Lower Upper

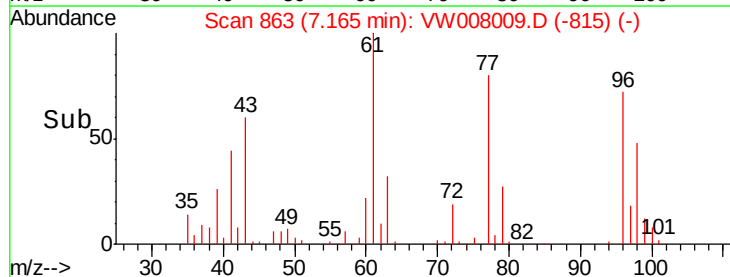
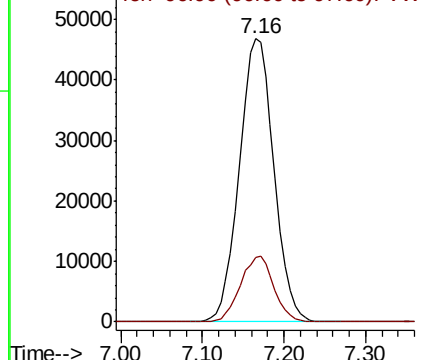
77 100

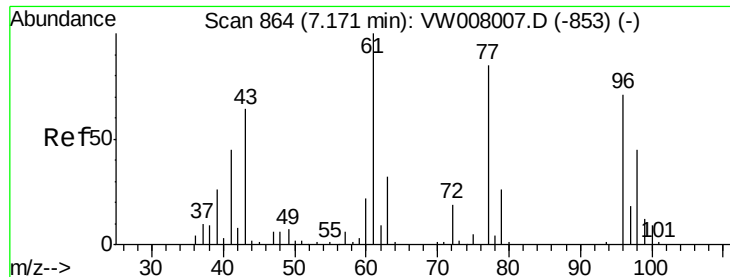
97 22.5 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



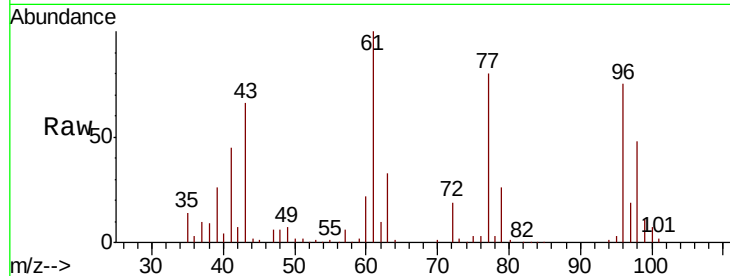


#27

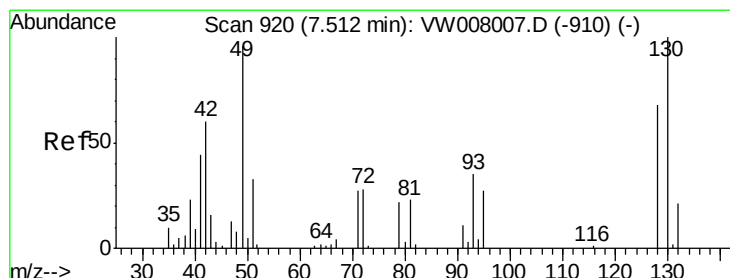
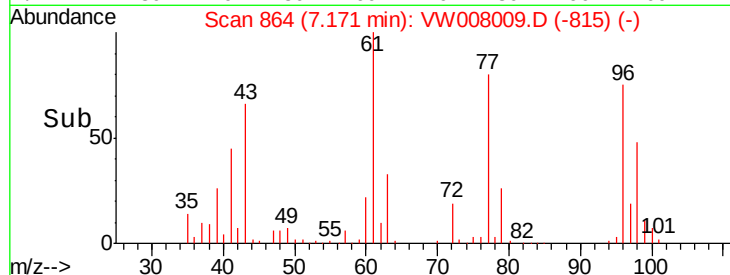
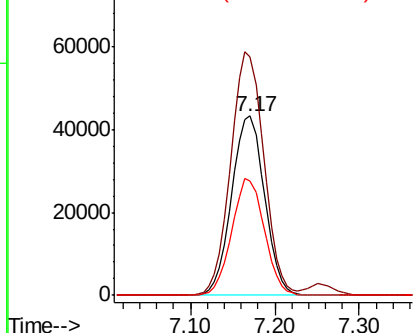
cis-1,2-Dichloroethene
 Concen: 150.470 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 114547
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 286.4
 98 64.4 0.0 130.6



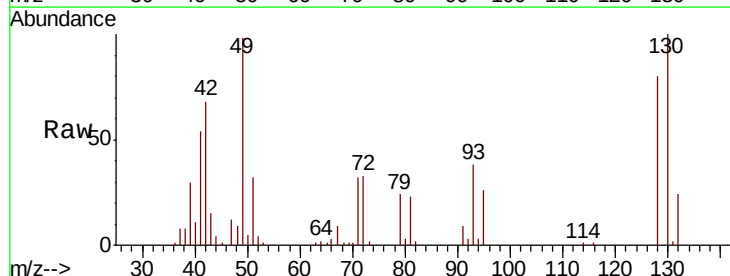
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



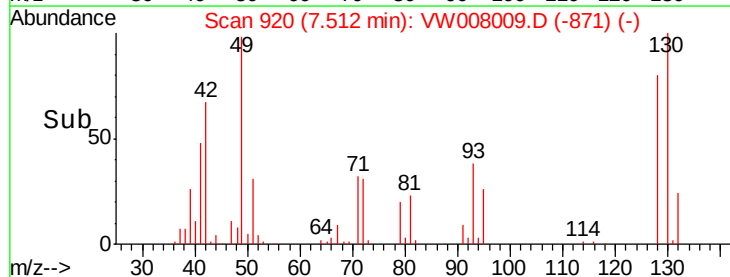
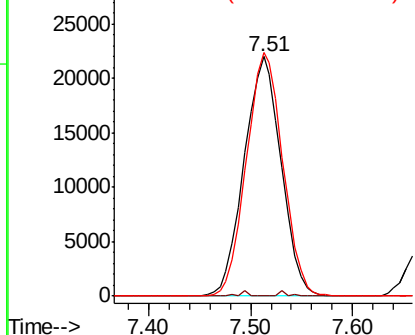
#28

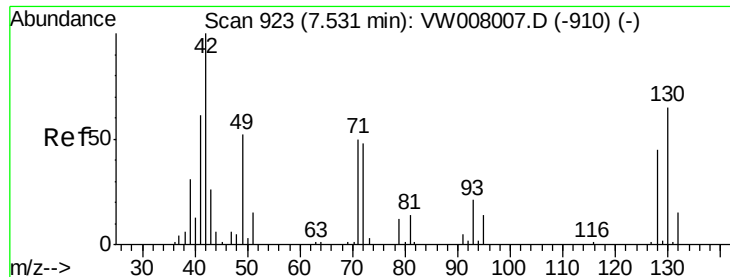
Bromochloromethane
 Concen: 145.410 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion: 49 Resp: 55465
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 0.8
 130 100.2 78.5 117.7



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





#29

Tetrahydrofuran

Concen: 769.561 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

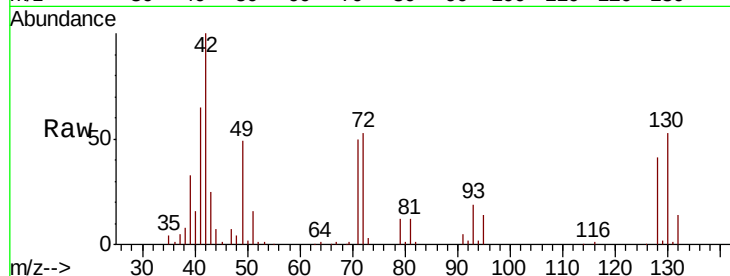
Tgt Ion: 42 Resp: 63087

Ion Ratio Lower Upper

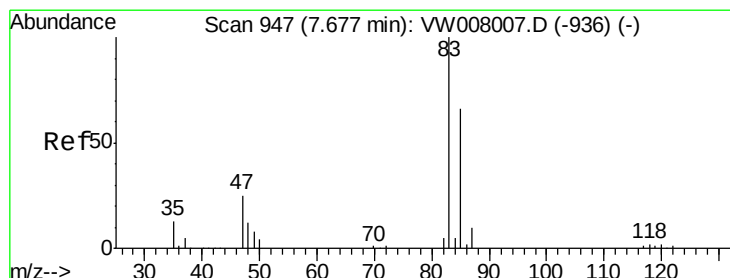
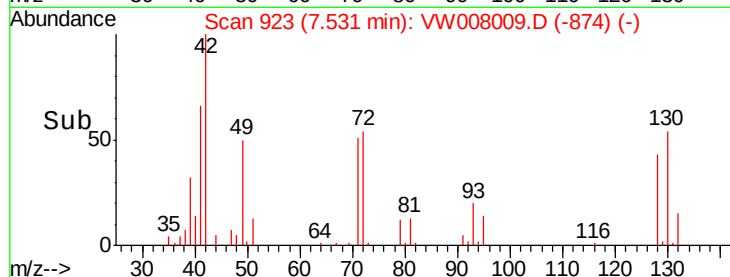
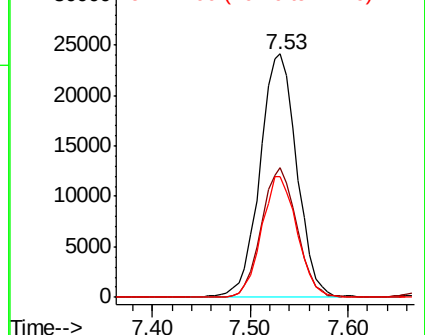
42 100

72 51.0 39.0 58.6

71 47.9 39.1 58.7



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



#30

Chloroform

Concen: 148.280 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008009.D

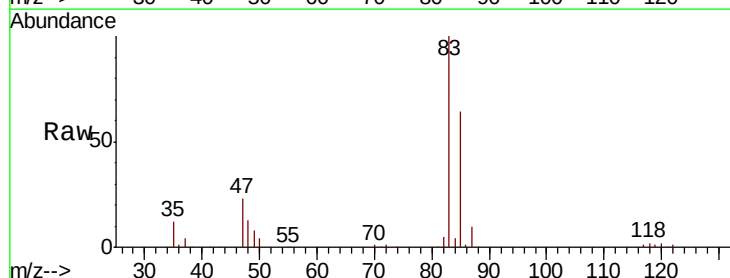
Acq: 02 Jan 2019 15:02

Tgt Ion: 83 Resp: 197219

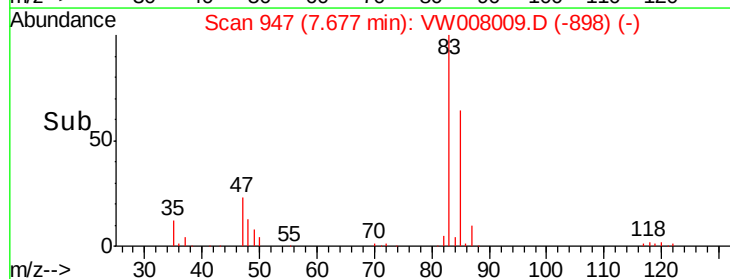
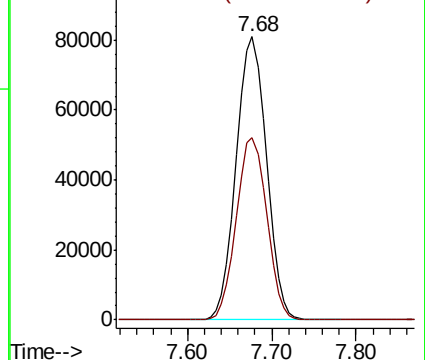
Ion Ratio Lower Upper

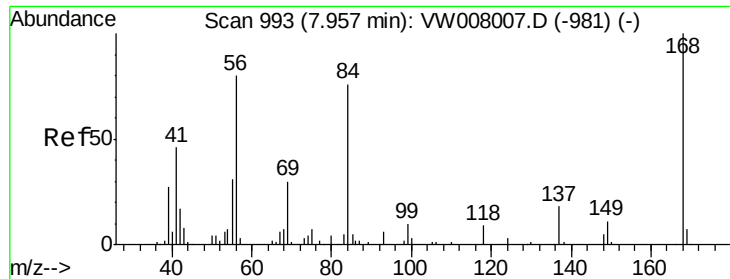
83 100

85 64.5 52.7 79.1



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

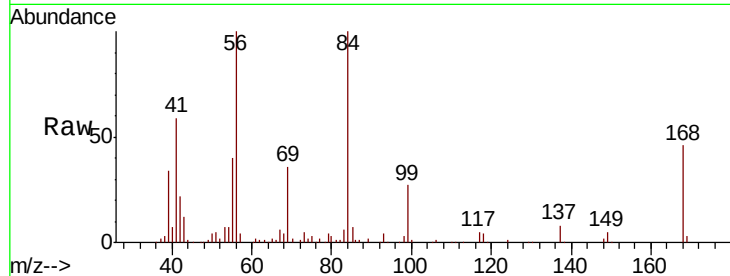




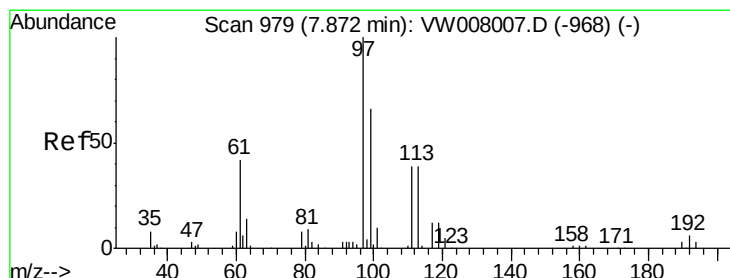
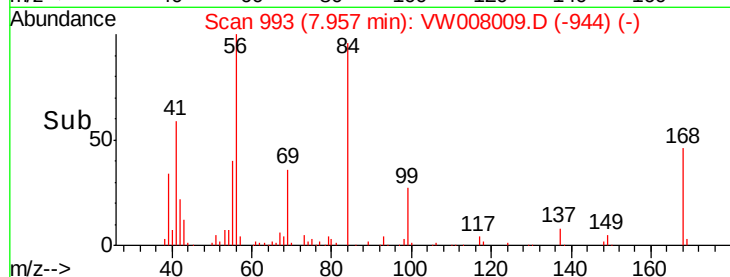
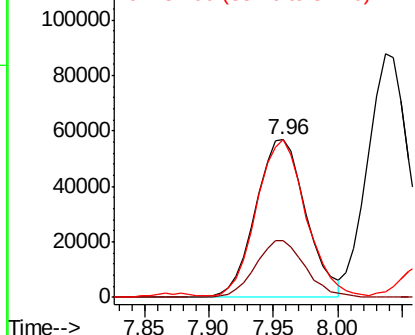
#31
Cyclohexane
Concen: 139.227 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 154001
Ion Ratio Lower Upper
56 100
69 36.4 29.8 44.6
84 98.1 75.2 112.8

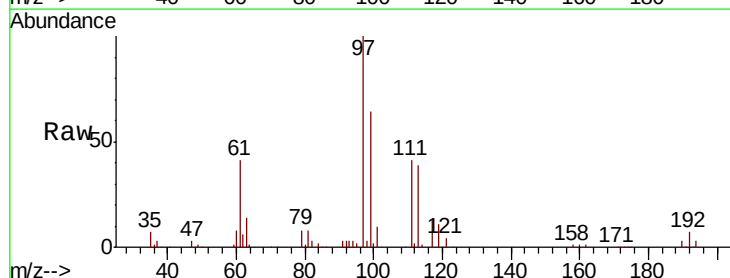


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

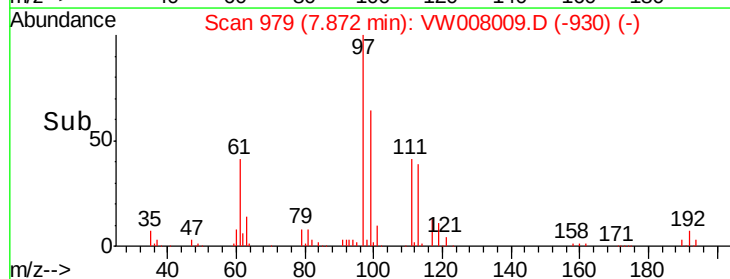
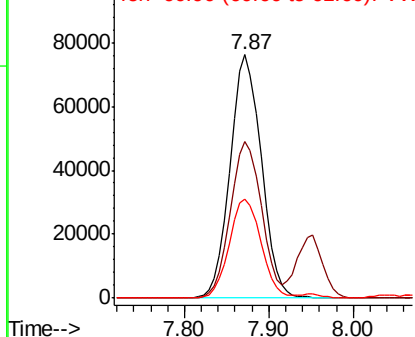


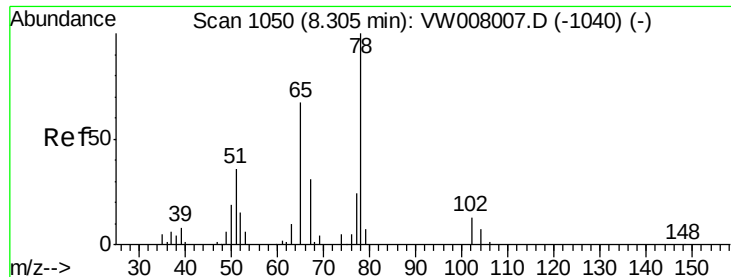
#32
1,1,1-Trichloroethane
Concen: 150.559 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 97 Resp: 191614
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 41.4 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

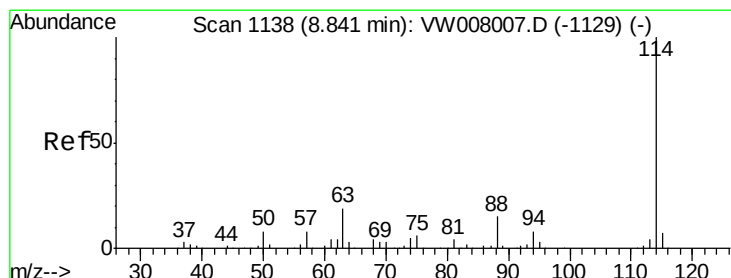
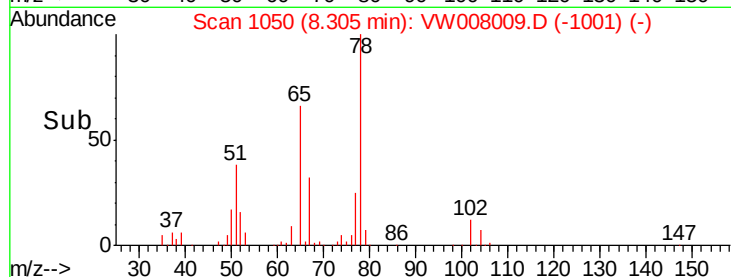
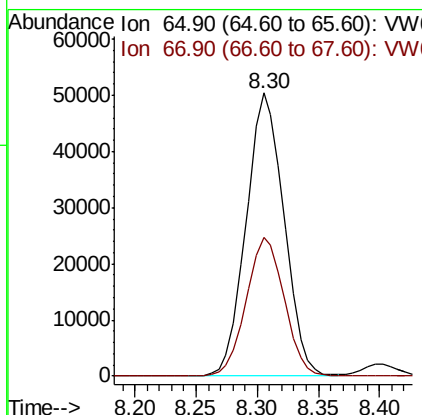
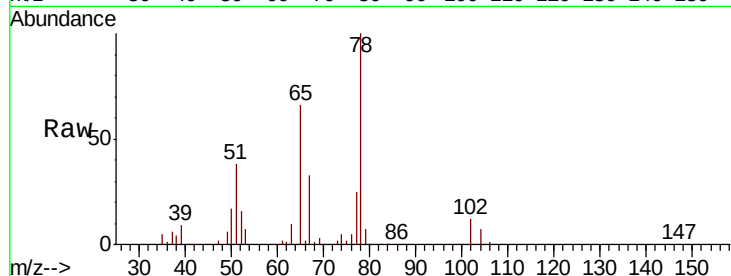




#33
 1,2-Dichloroethane-d4
 Concen: 150.446 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

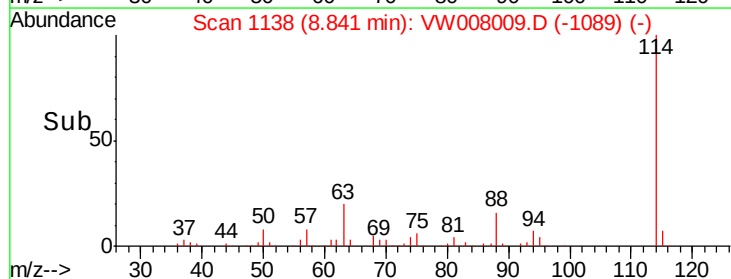
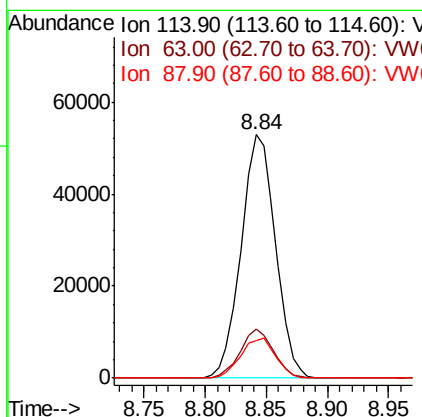
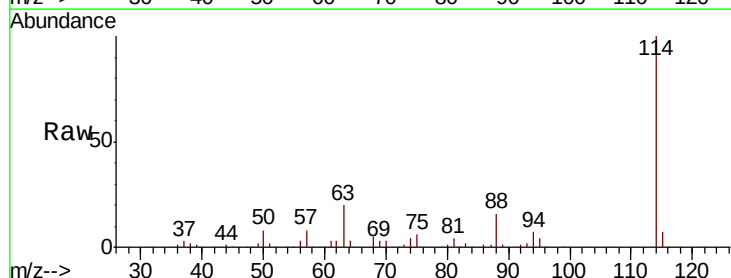
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

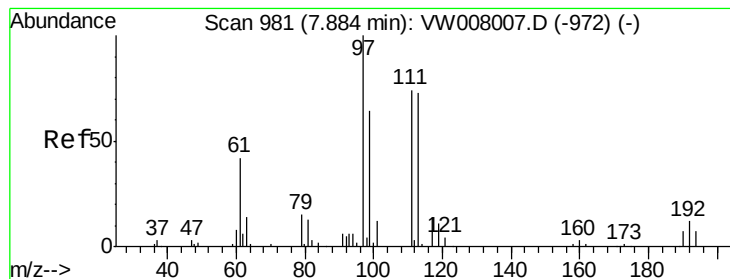
Tgt Ion: 65 Resp: 108867
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion: 114 Resp: 103231
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.8
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 149.336 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

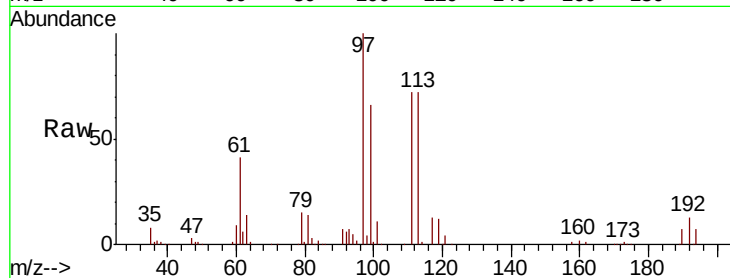
Tgt Ion: 113 Resp: 97184

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

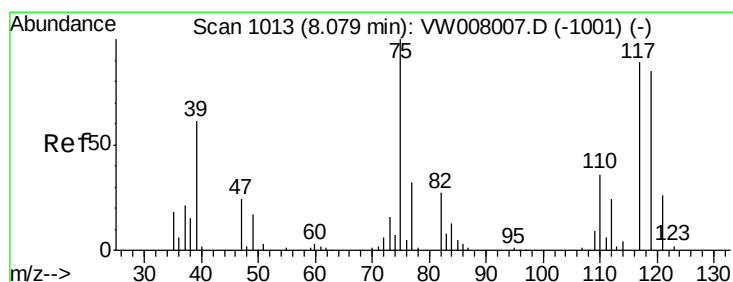
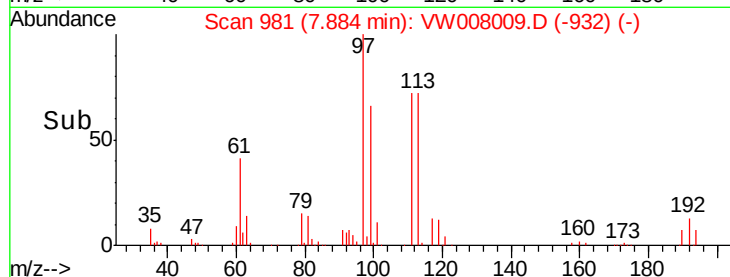
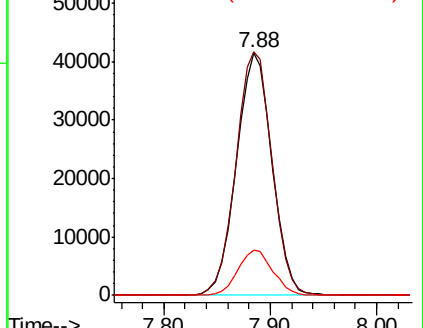
192 18.3 14.8 22.2



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: 147.839 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

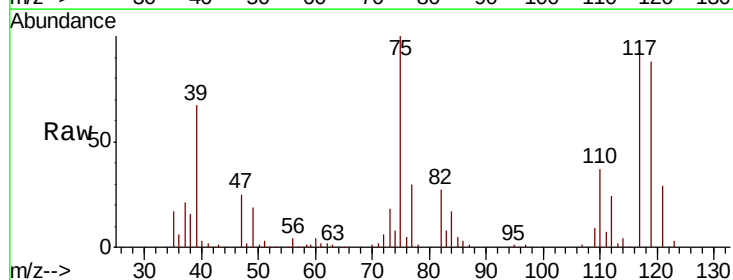
Tgt Ion: 75 Resp: 150549

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.3

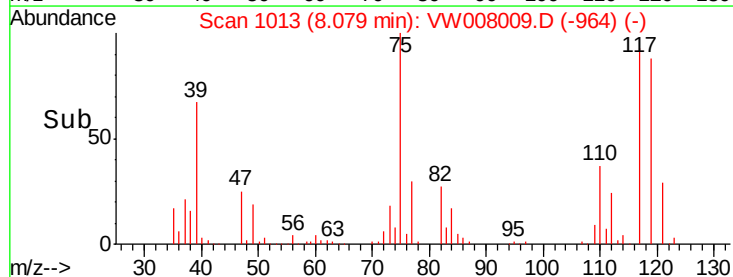
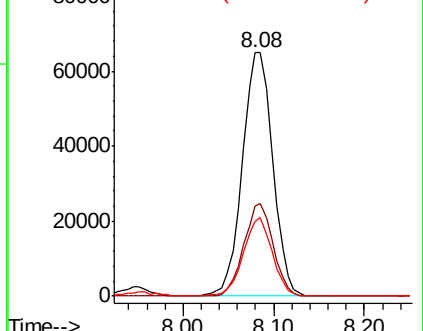
77 30.7 25.3 37.9

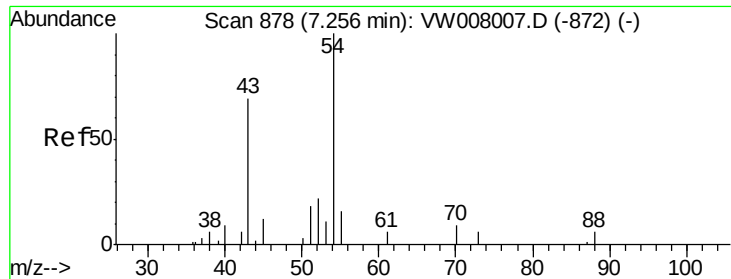


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

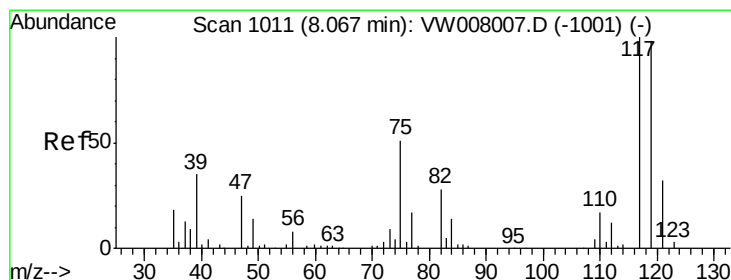
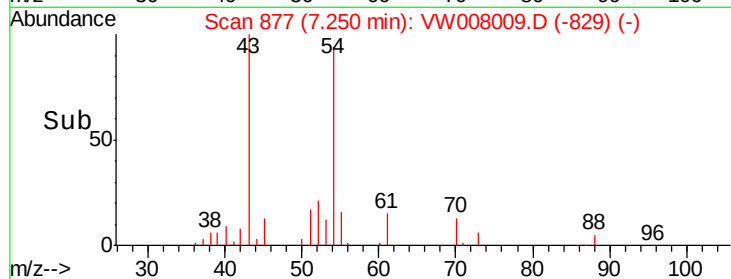
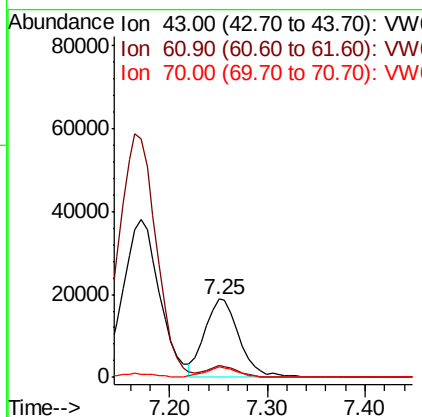
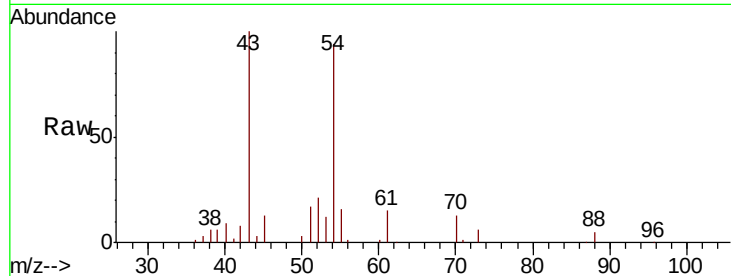




#37
Ethyl Acetate
Concen: 151.165 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

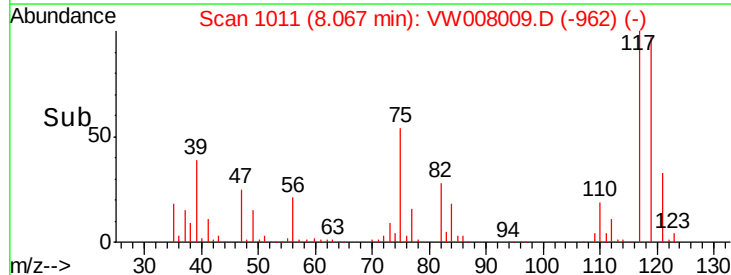
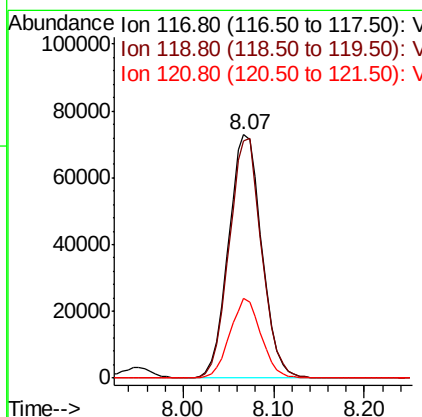
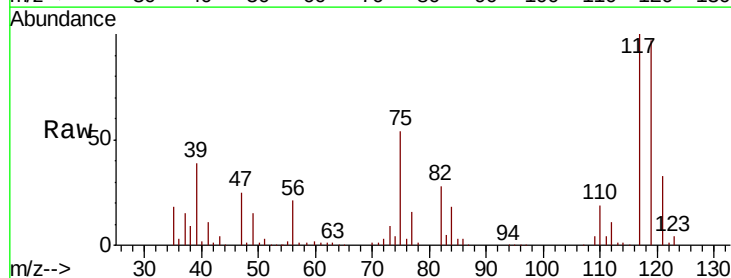
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

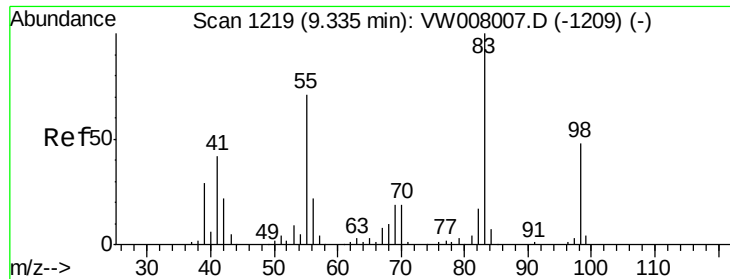
Tgt Ion: 43 Resp: 46239
Ion Ratio Lower Upper
43 100
61 13.6 11.4 17.2
70 12.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 151.644 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 117 Resp: 185067
Ion Ratio Lower Upper
117 100
119 97.2 78.7 118.1
121 32.6 25.8 38.8

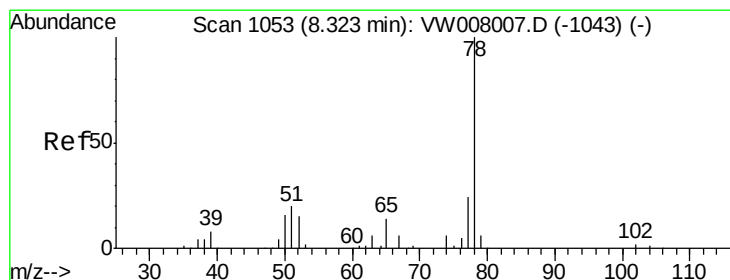
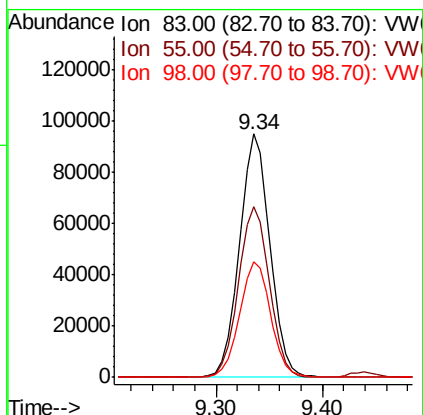
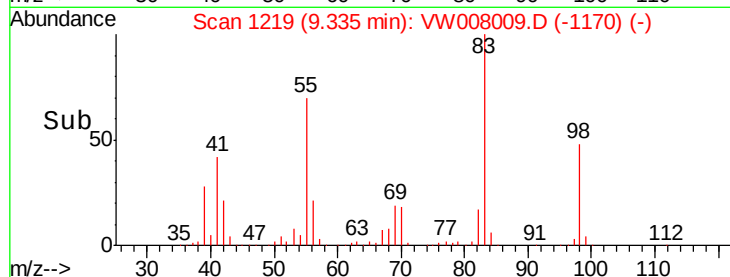
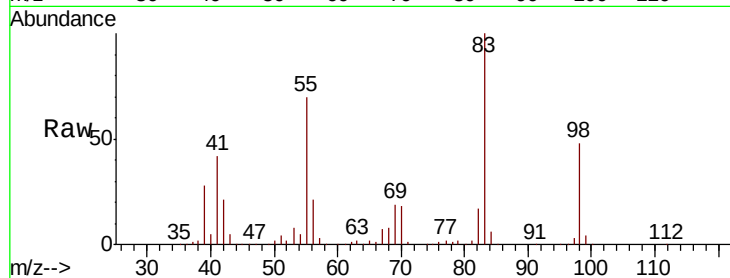




#39
Methylcyclohexane
Concen: 149.980 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

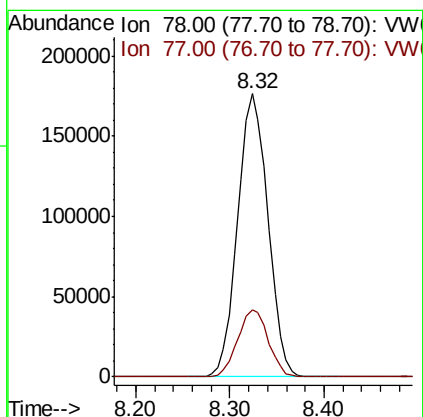
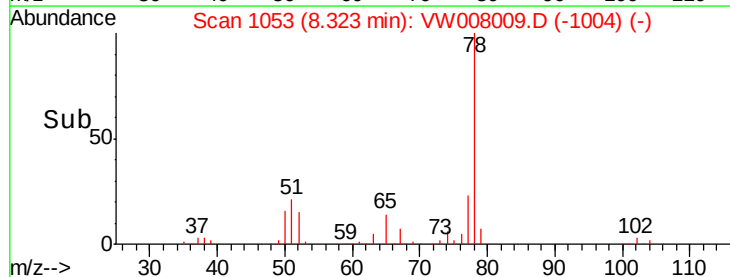
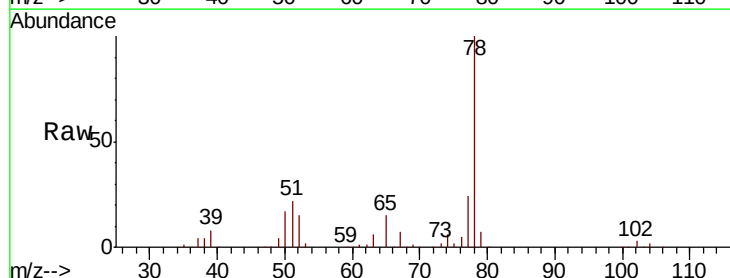
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

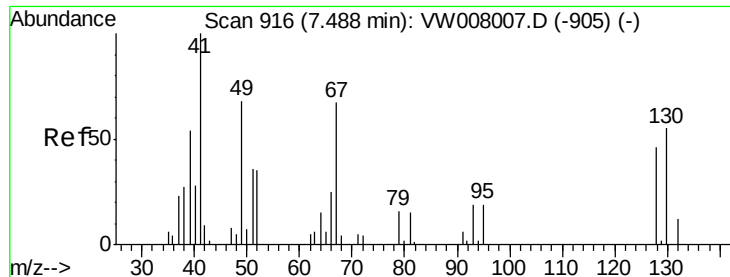
Tgt Ion: 83 Resp: 190376
Ion Ratio Lower Upper
83 100
55 69.9 56.8 85.2
98 47.5 38.6 58.0



#40
Benzene
Concen: 146.377 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 78 Resp: 393235
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

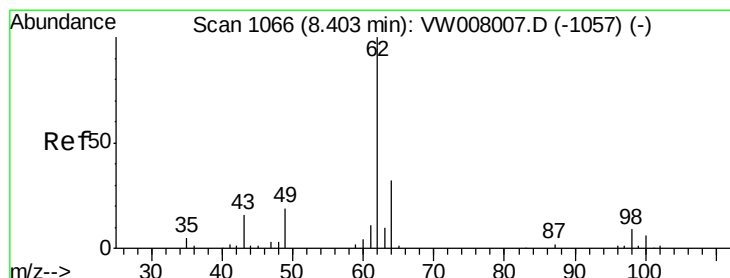
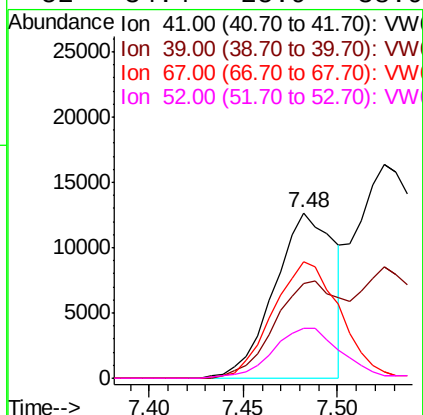
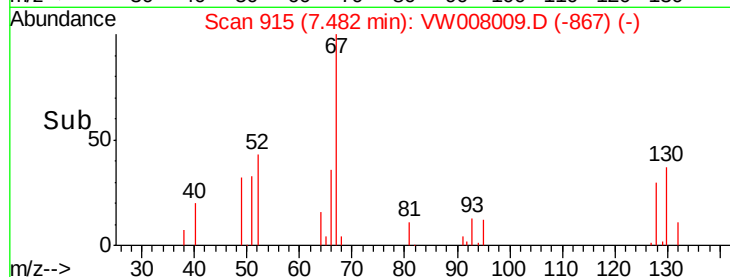
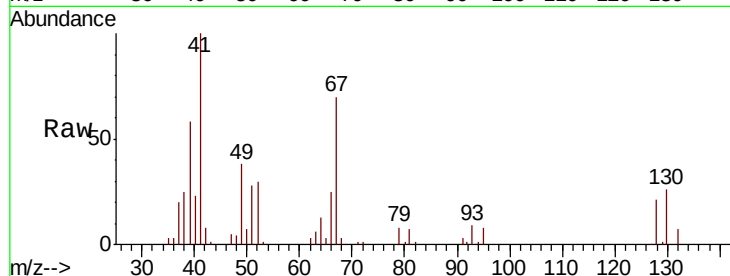




#41
Methacrylonitrile
Concen: 149.395 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

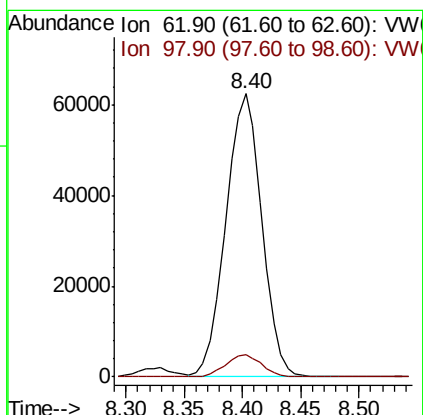
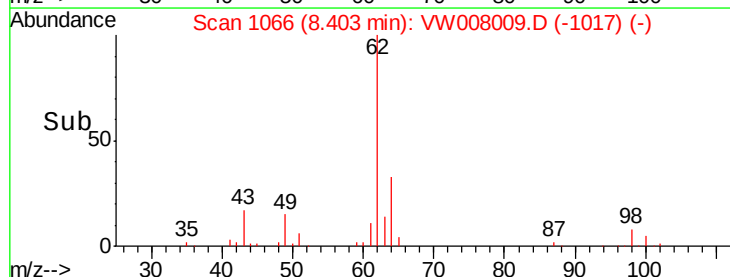
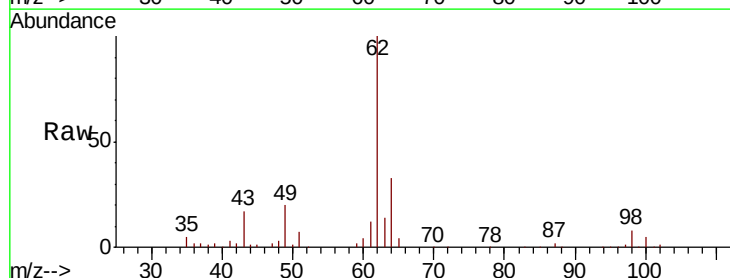
Instrument :
MSVOA_W
ClientSampleID :
VSTDIC150

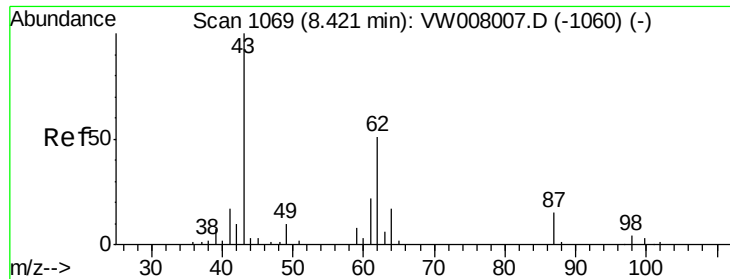
Tgt Ion:	41	Resp:	28156
Ion	Ratio	Lower	Upper
41	100		
39	67.1	48.6	72.8
67	78.2	55.6	83.4
52	34.4	25.9	38.9



#42
1,2-Dichloroethane
Concen: 149.354 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion:	62	Resp:	133685
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.6





#43

Isopropyl Acetate

Concen: 157.448 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

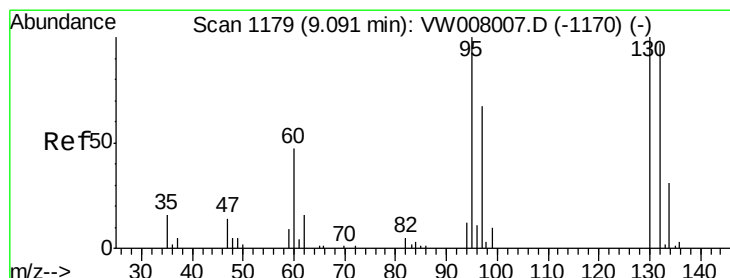
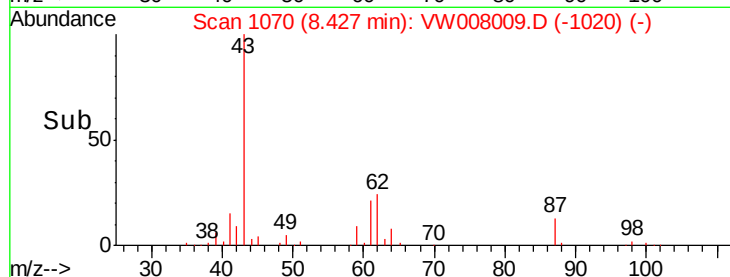
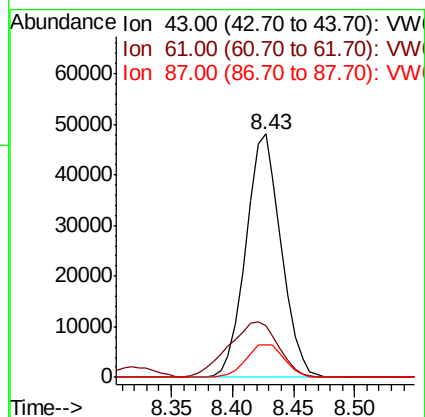
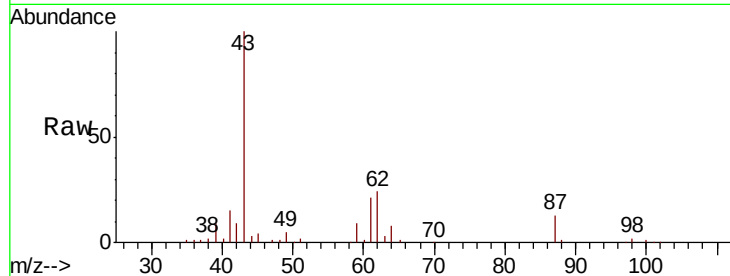
Tgt Ion: 43 Resp: 96229

Ion Ratio Lower Upper

43 100

61 32.4 26.4 39.6

87 14.8 12.0 18.0



#44

Trichloroethene

Concen: 147.424 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008009.D

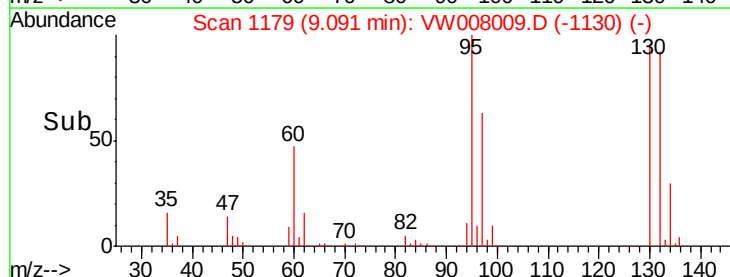
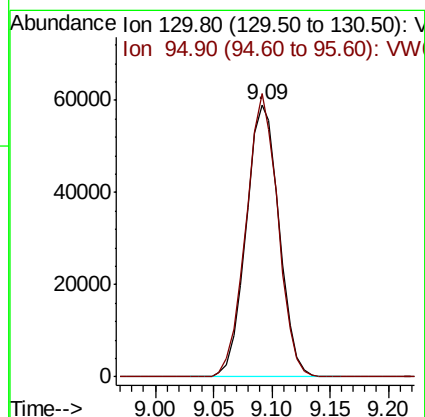
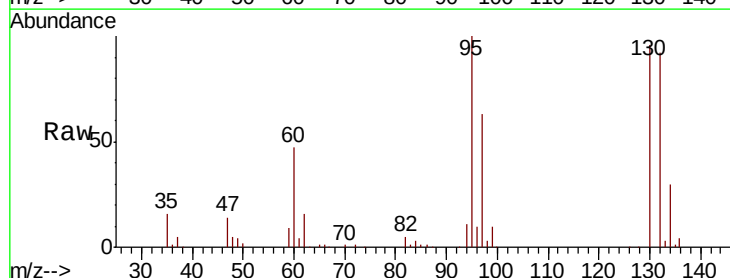
Acq: 02 Jan 2019 15:02

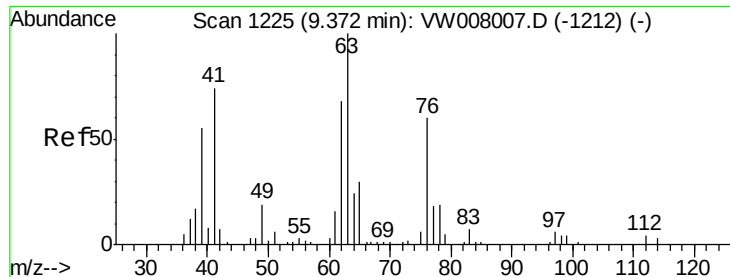
Tgt Ion: 130 Resp: 116871

Ion Ratio Lower Upper

130 100

95 104.0 0.0 200.0

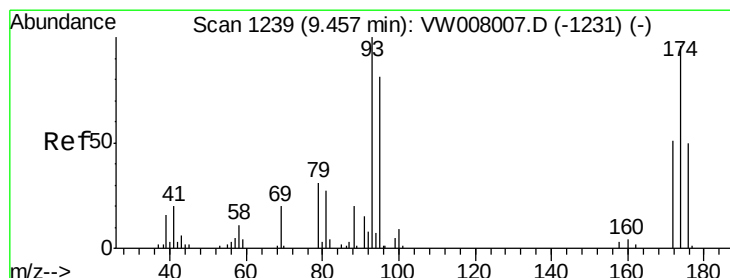
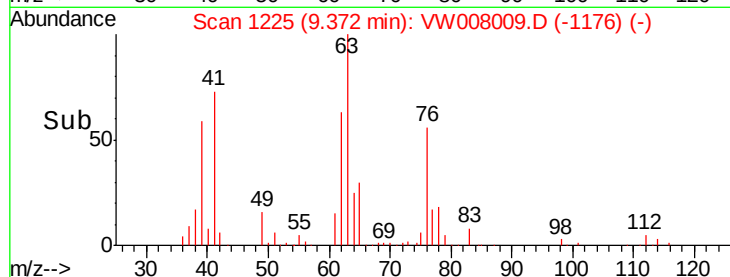
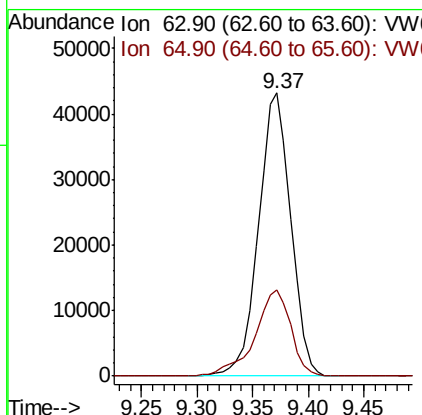
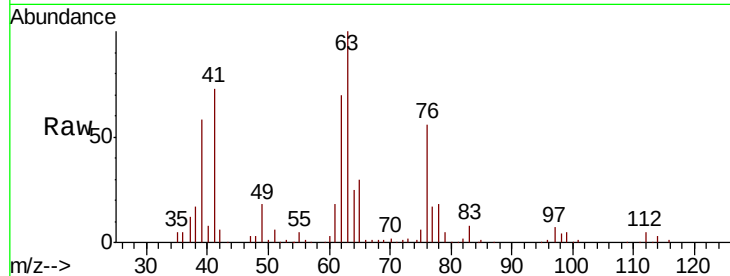




#45
 1,2-Dichloropropane
 Concen: 149.936 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

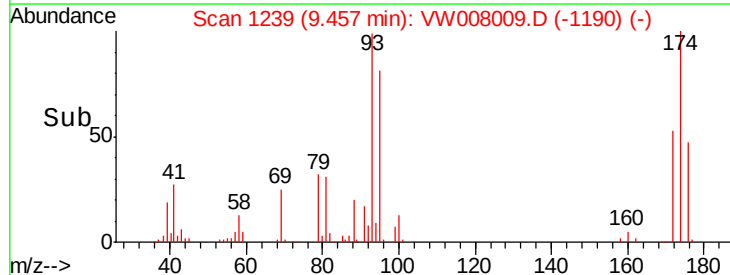
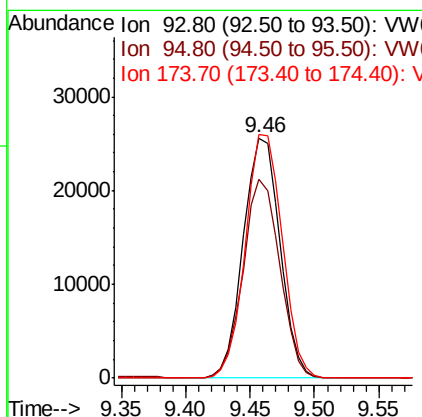
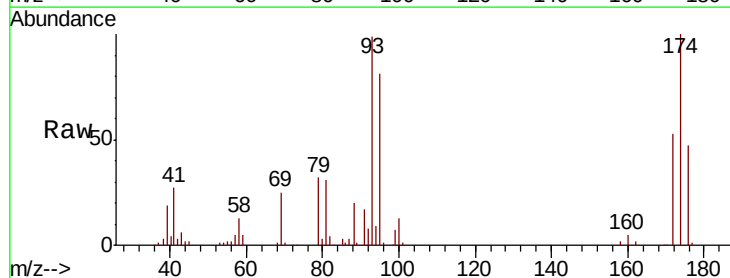
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

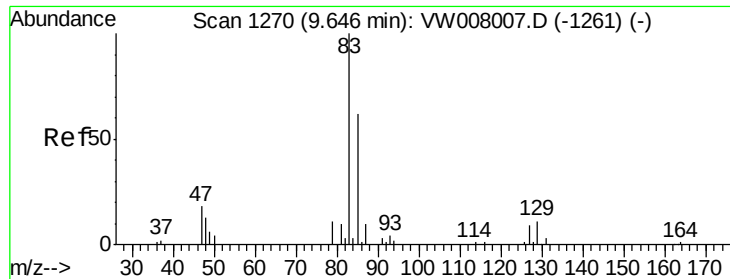
Tgt Ion: 63 Resp: 87186
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 148.347 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion: 93 Resp: 50434
 Ion Ratio Lower Upper
 93 100
 95 82.9 63.9 95.9
 174 102.1 79.0 118.6





#47

Bromodichloromethane

Concen: 151.345 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

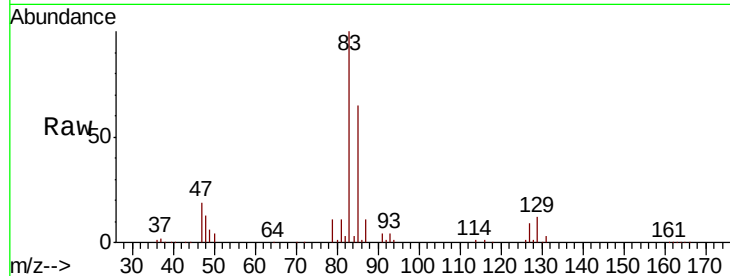
Tgt Ion: 83 Resp: 144115

Ion Ratio Lower Upper

83 100

85 65.4 49.5 74.3

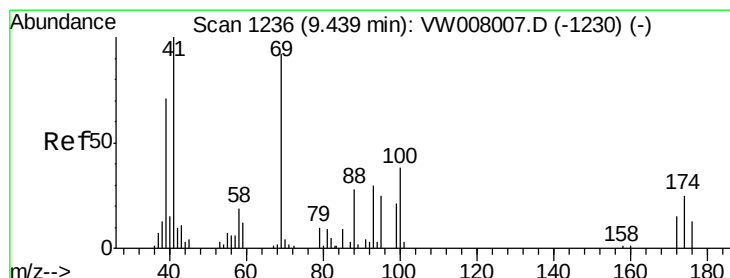
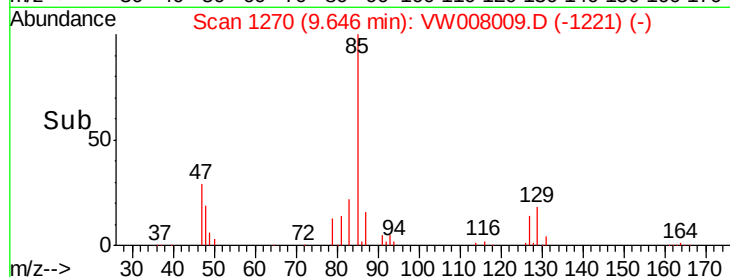
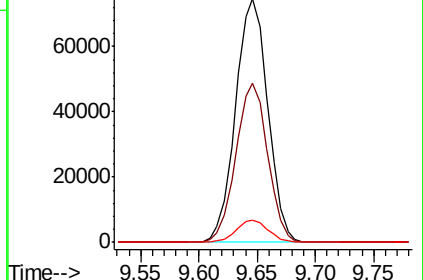
127 9.1 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 156.527 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

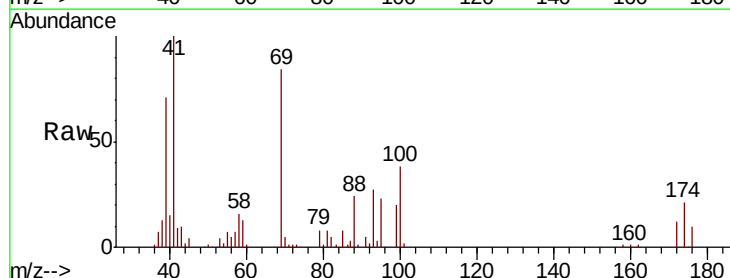
Tgt Ion: 41 Resp: 48236

Ion Ratio Lower Upper

41 100

69 89.5 72.3 108.5

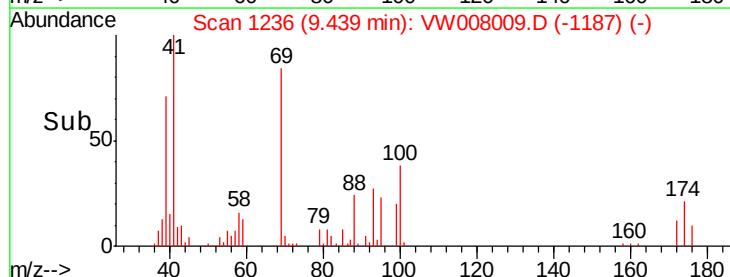
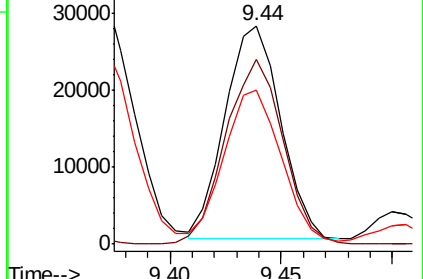
39 72.7 58.7 88.1

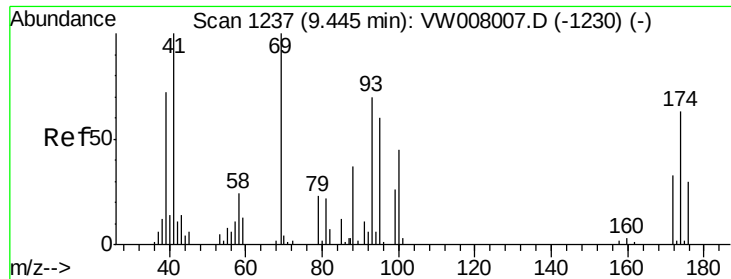


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 3225.323 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

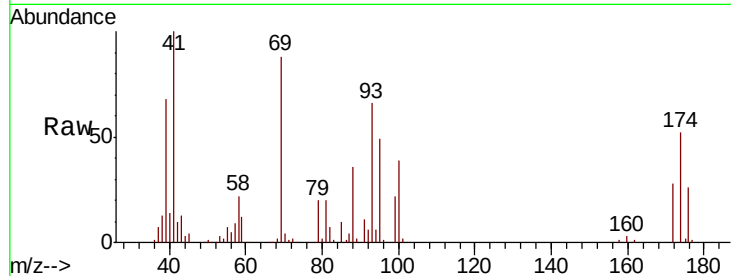
Tgt Ion: 88 Resp: 16227

Ion Ratio Lower Upper

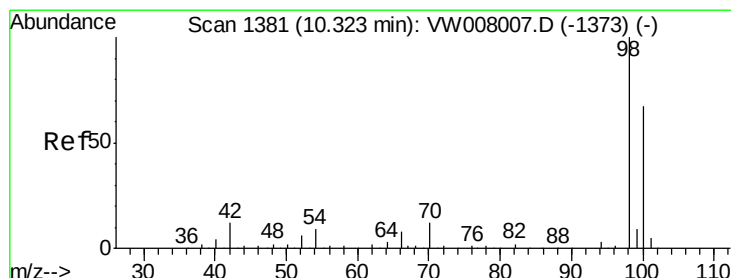
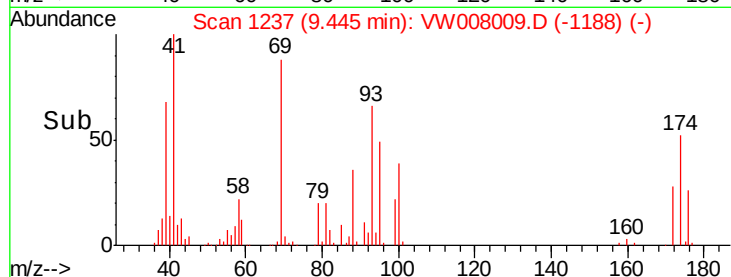
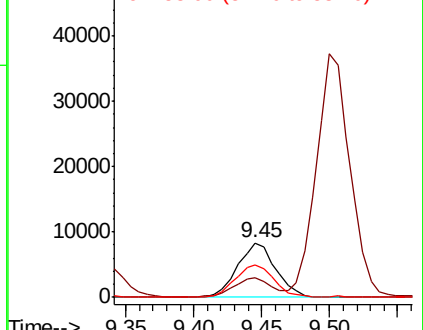
88 100

43 35.1 26.8 40.2

58 61.5 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: 148.984 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008009.D

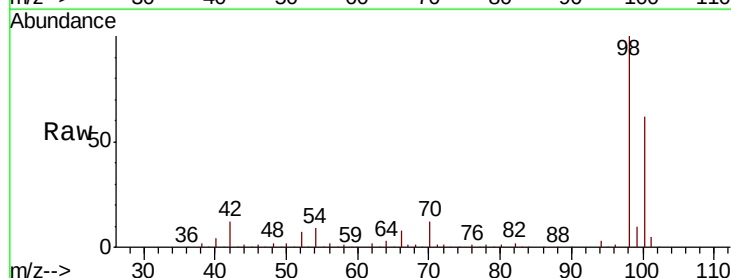
Acq: 02 Jan 2019 15:02

Tgt Ion: 98 Resp: 363701

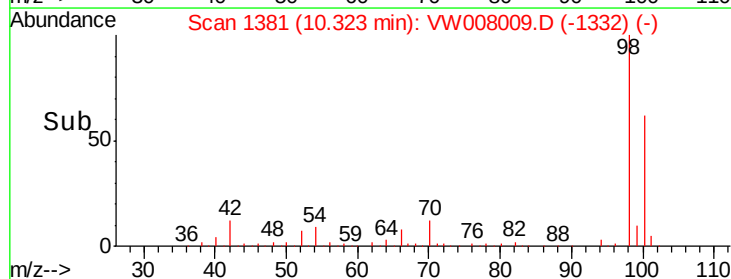
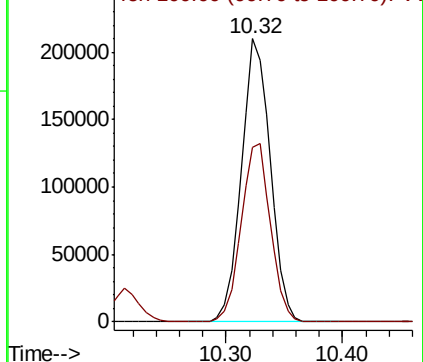
Ion Ratio Lower Upper

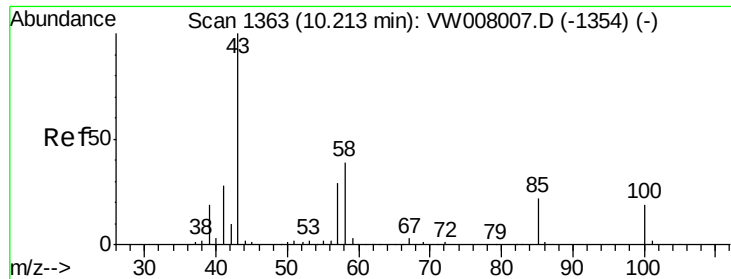
98 100

100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

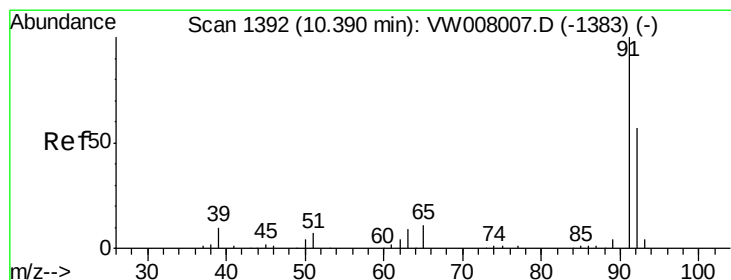
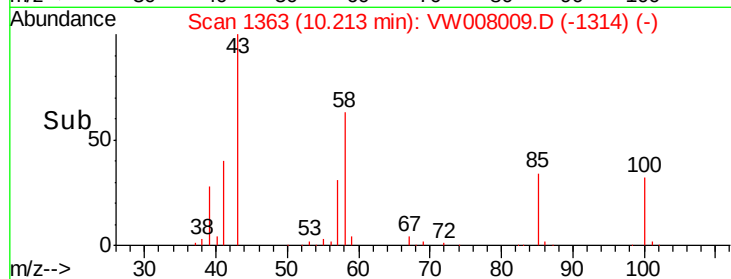
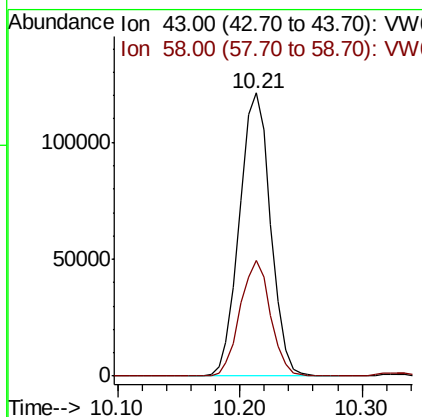
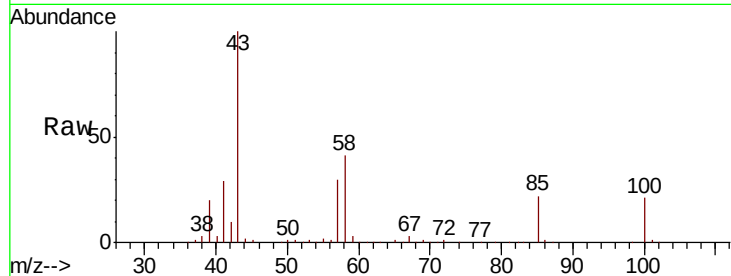




#51
4-Methyl-2-Pentanone
Concen: 756.215 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

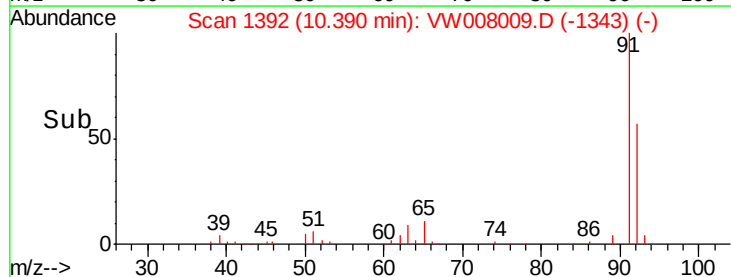
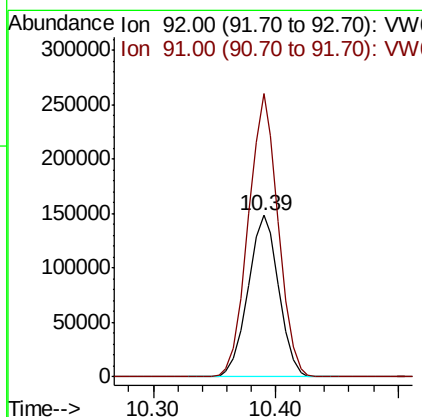
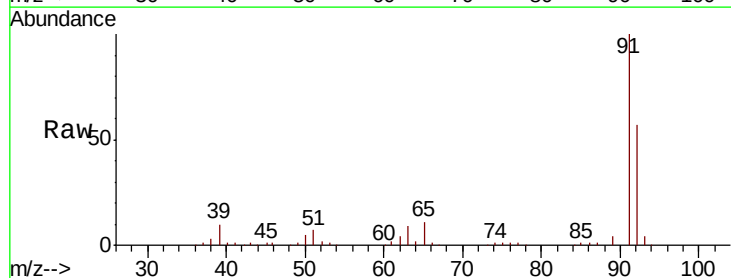
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

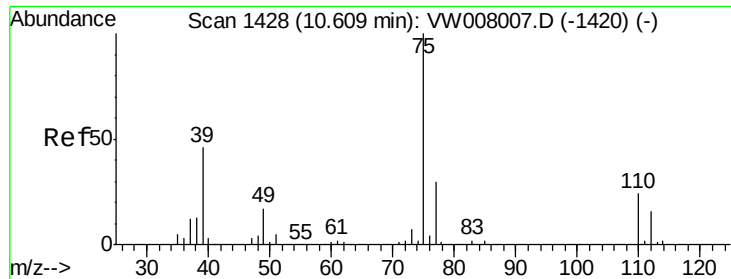
Tgt Ion: 43 Resp: 213940
Ion Ratio Lower Upper
43 100
58 39.8 32.0 48.0



#52
Toluene
Concen: 145.584 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 92 Resp: 258197
Ion Ratio Lower Upper
92 100
91 170.6 136.9 205.3

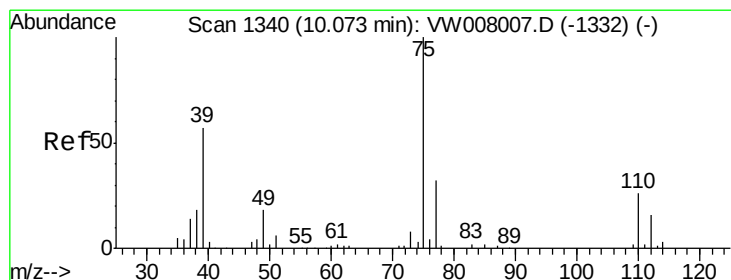
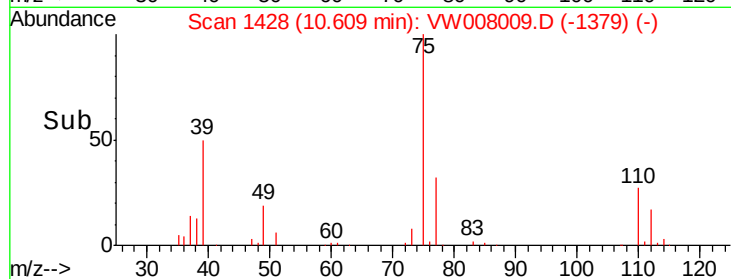
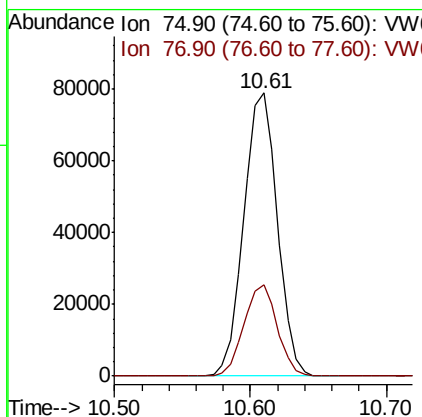
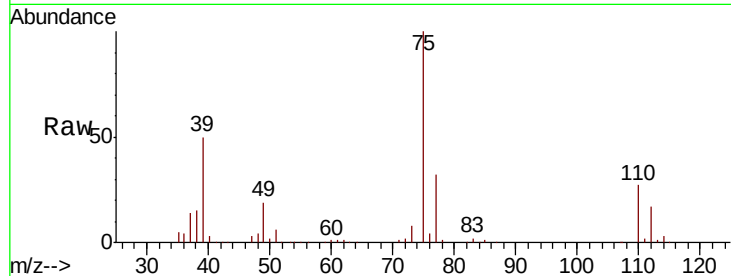




#53
 t-1,3-Dichloropropene
 Concen: 149.130 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

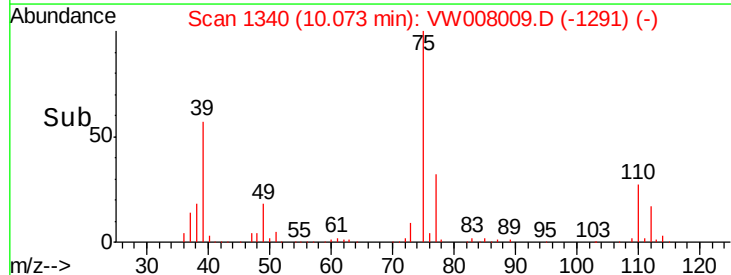
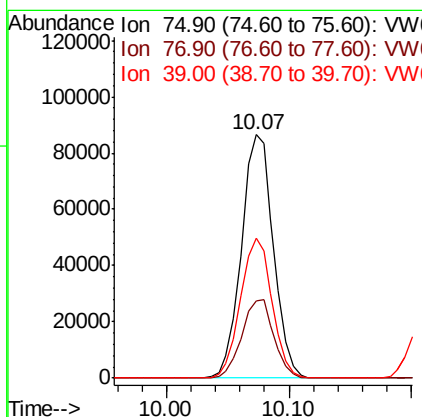
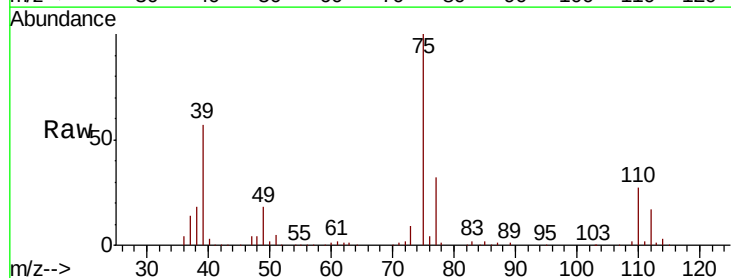
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

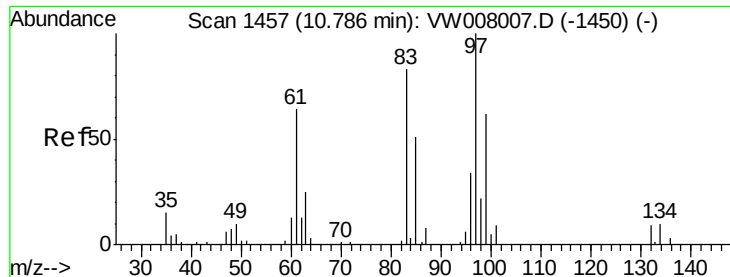
Tgt Ion: 75 Resp: 136550
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 153.298 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion: 75 Resp: 156632
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.9 38.9
 39 57.3 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 143.898 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 66237

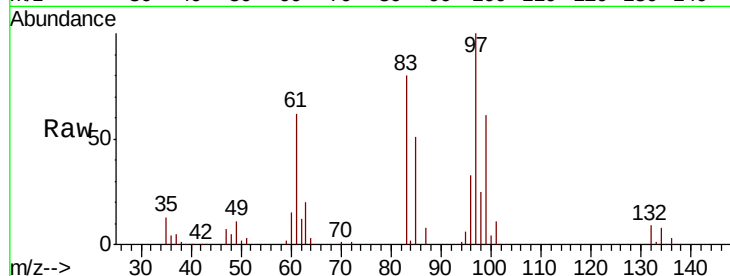
Ion Ratio Lower Upper

97 100

83 80.3 66.2 99.2

85 50.9 41.0 61.4

99 61.2 49.3 73.9

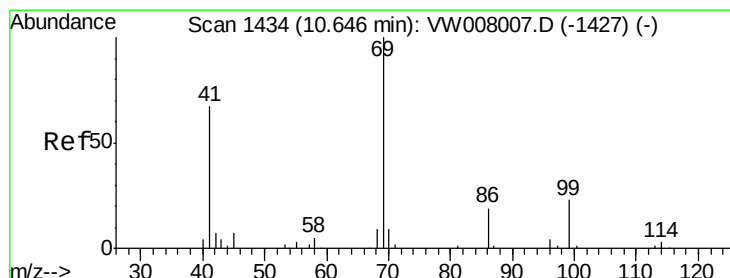
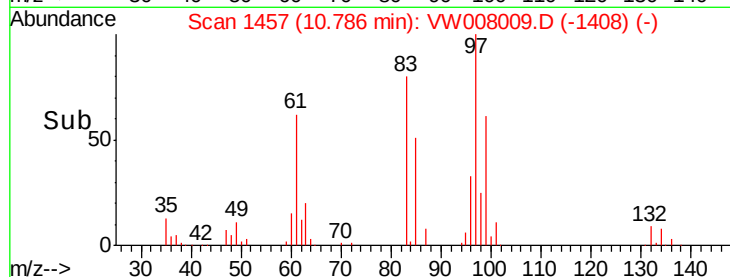
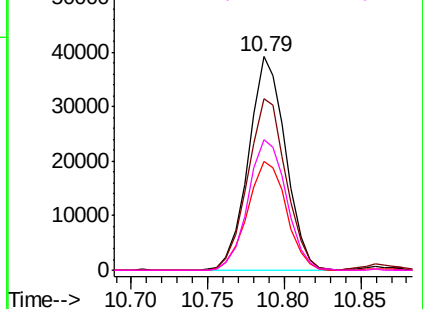


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 153.982 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

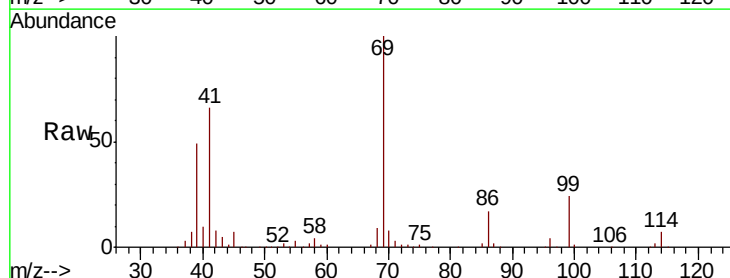
Tgt Ion: 69 Resp: 80129

Ion Ratio Lower Upper

69 100

41 64.4 52.6 79.0

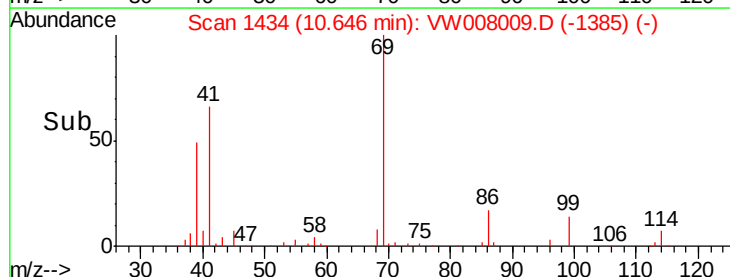
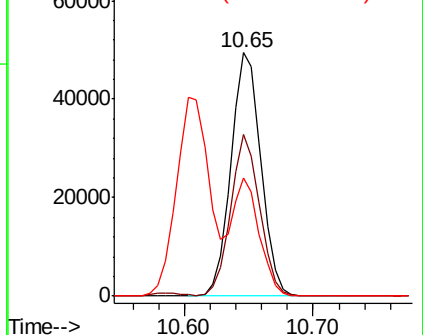
39 45.9 35.8 53.6

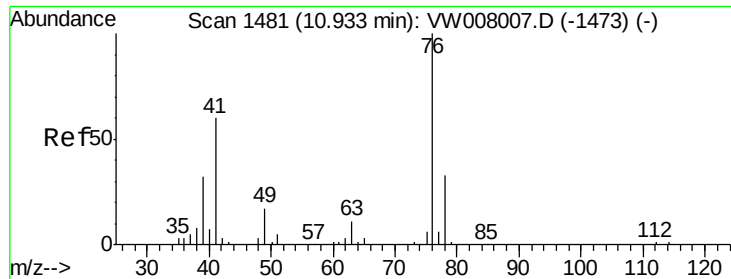


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

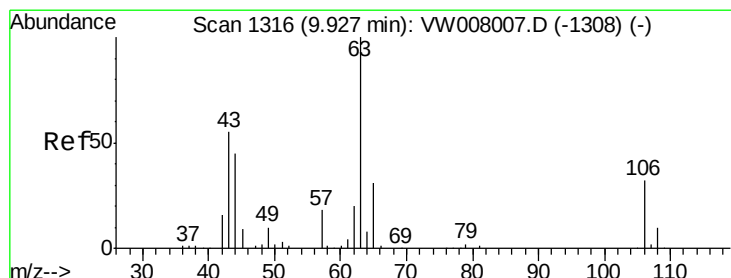
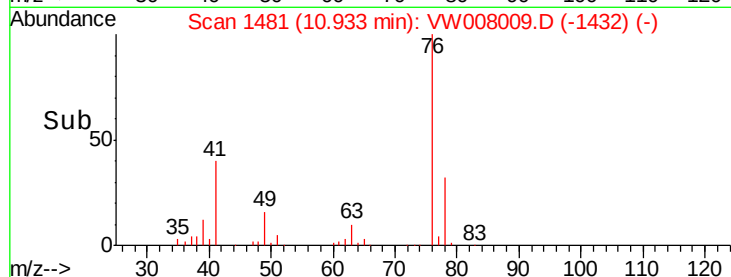
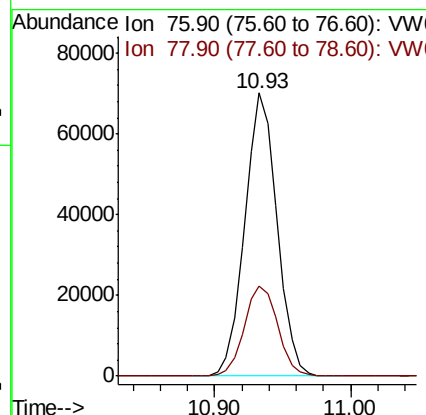
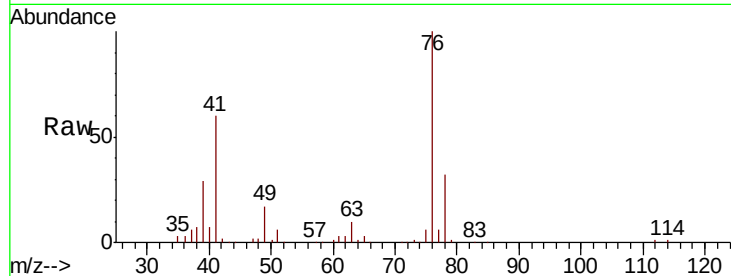




#57
 1,3-Dichloropropane
 Concen: 148.316 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

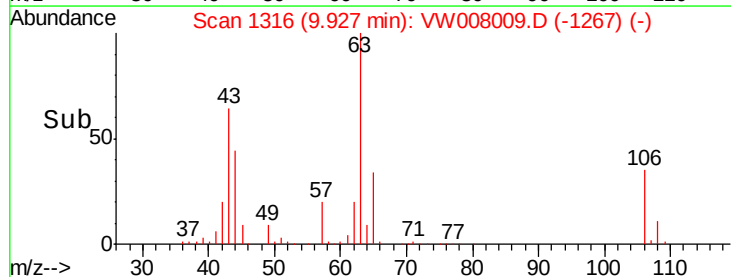
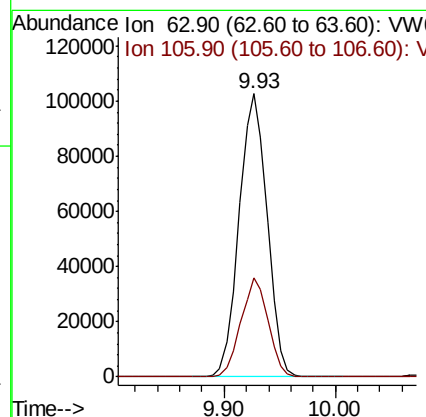
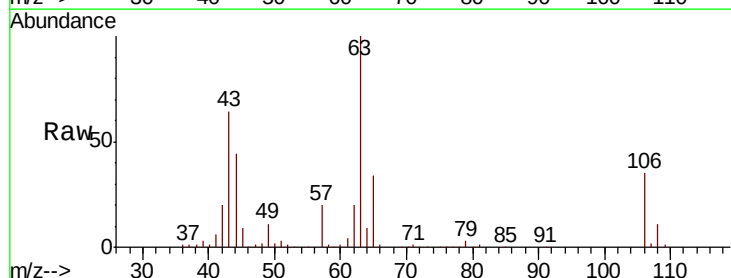
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

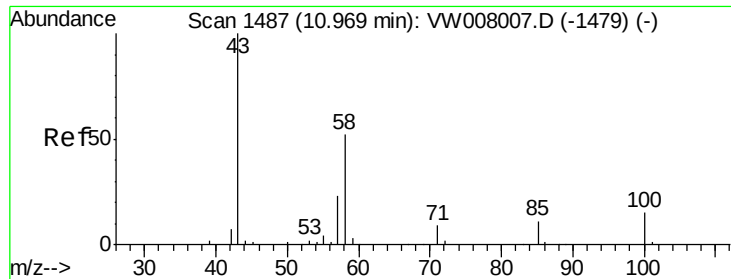
Tgt Ion: 76 Resp: 116005
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 722.079 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion: 63 Resp: 178205
 Ion Ratio Lower Upper
 63 100
 106 34.1 26.9 40.3

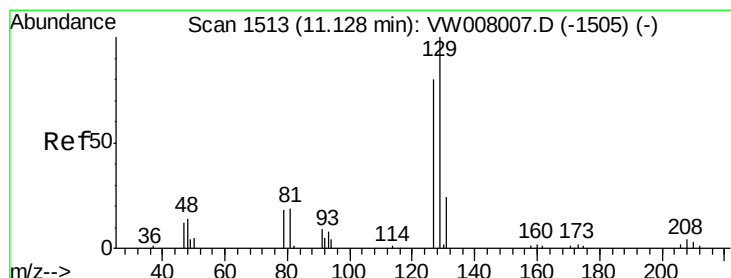
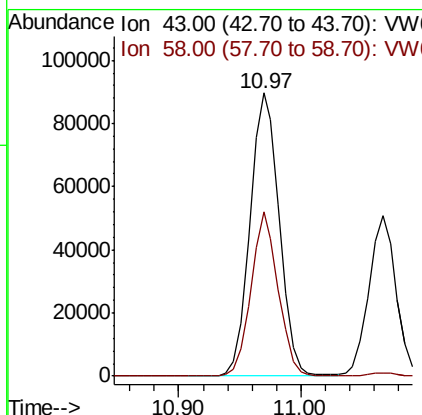
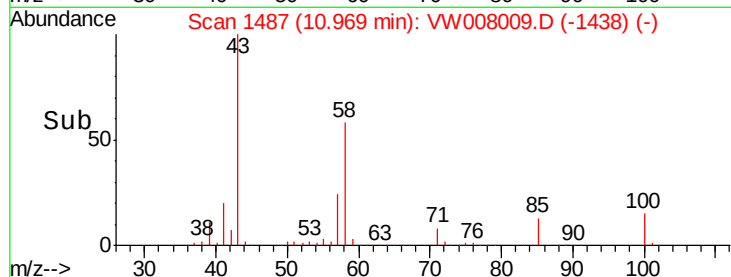
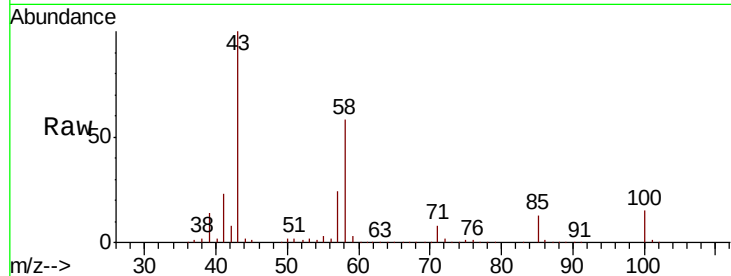




#59
2-Hexanone
Concen: 763.517 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

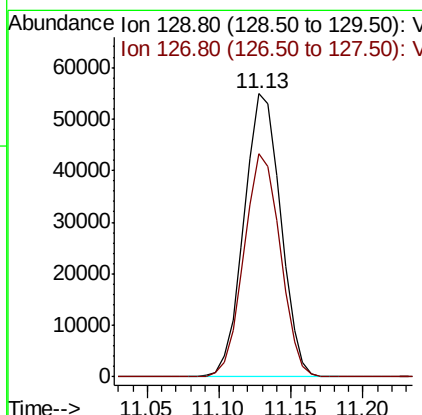
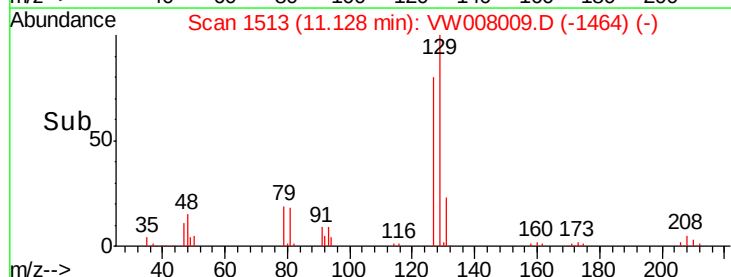
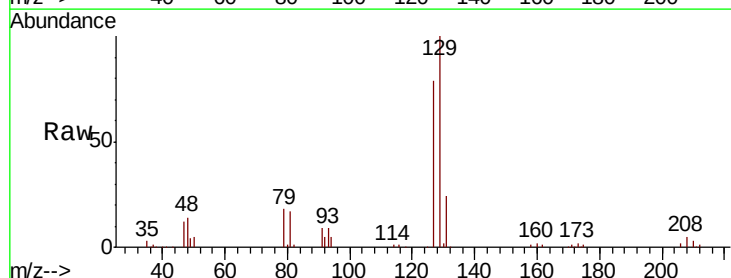
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

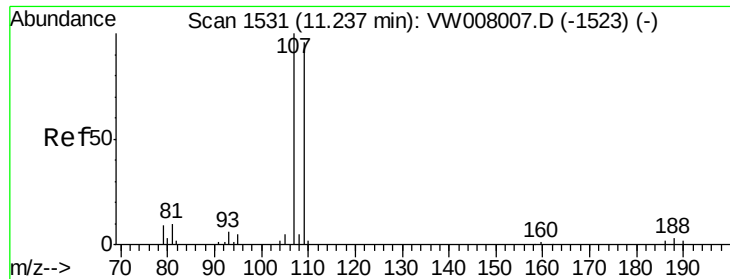
Tgt Ion: 43 Resp: 149121
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.2



#60
Dibromochloromethane
Concen: 153.563 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 129 Resp: 96757
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 153.093 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

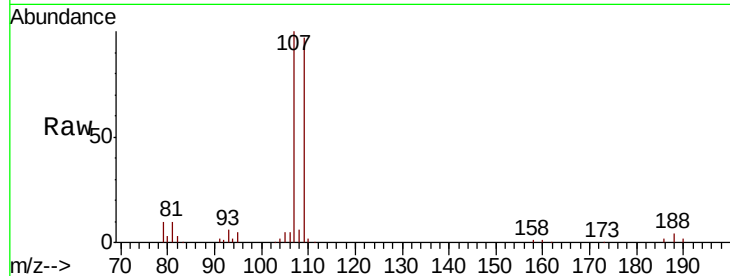
VSTDIC150

Tgt Ion: 107 Resp: 70521

Ion Ratio Lower Upper

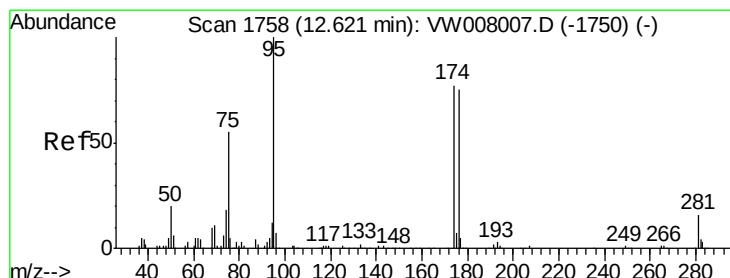
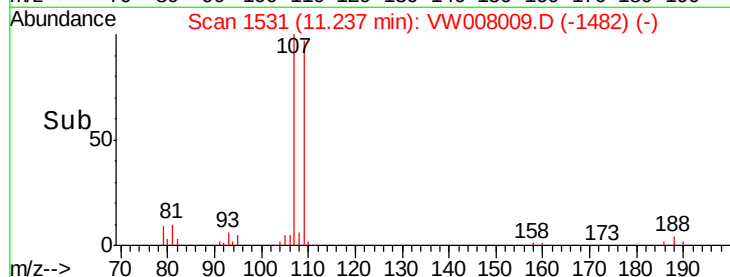
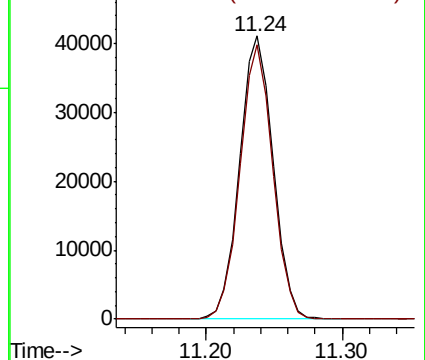
107 100

109 94.8 77.2 115.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 149.419 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

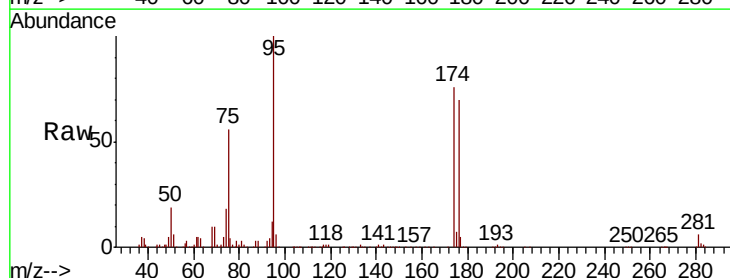
Tgt Ion: 95 Resp: 139889

Ion Ratio Lower Upper

95 100

174 75.5 0.0 149.6

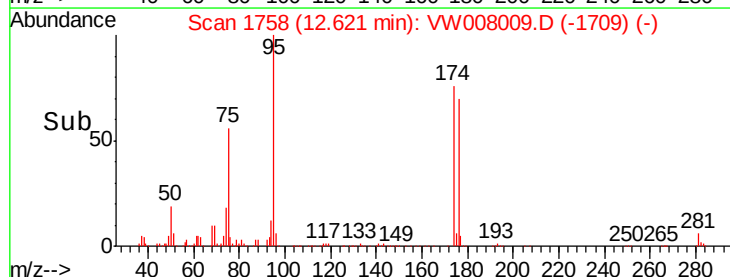
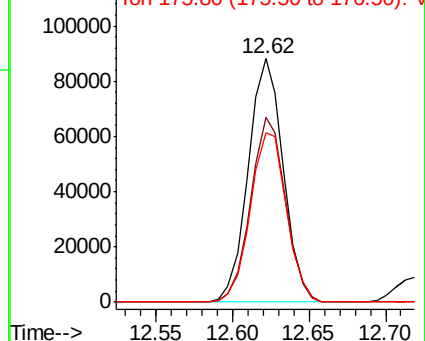
176 72.0 0.0 145.4

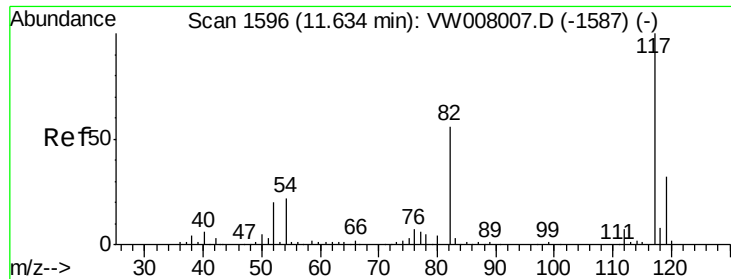


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

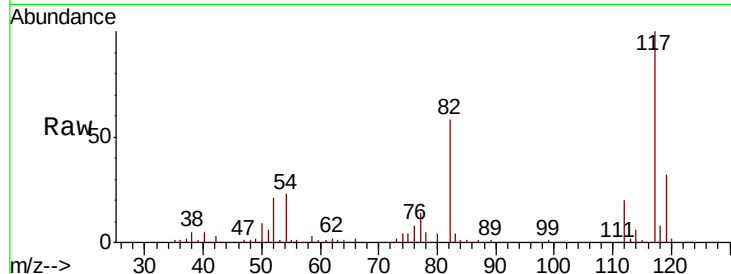




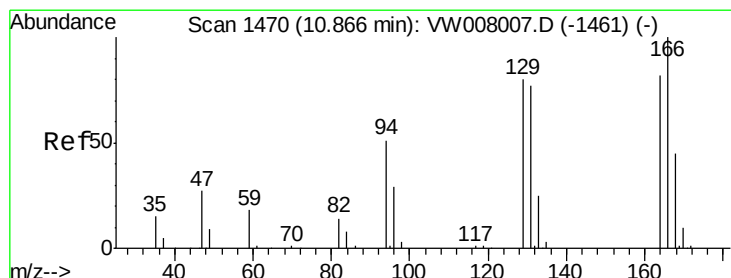
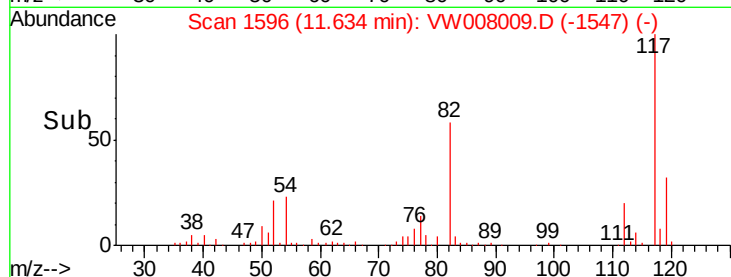
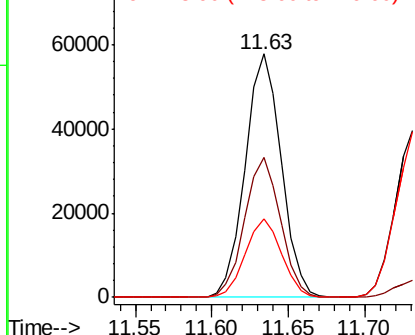
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 94811
Ion Ratio Lower Upper
117 100
82 57.5 44.8 67.2
119 32.0 25.6 38.4

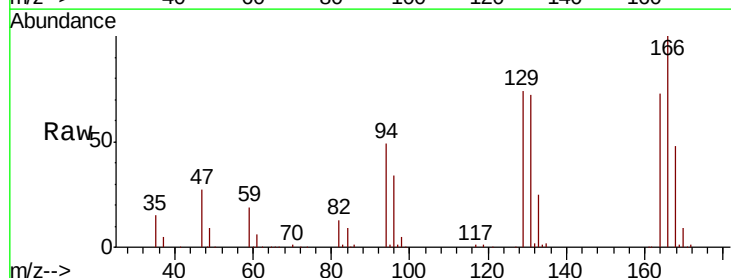


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

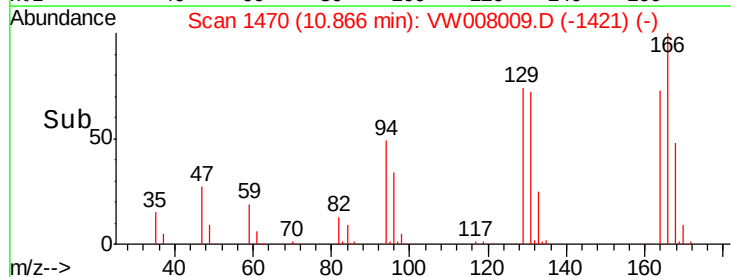
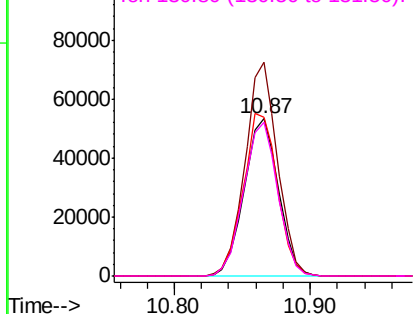


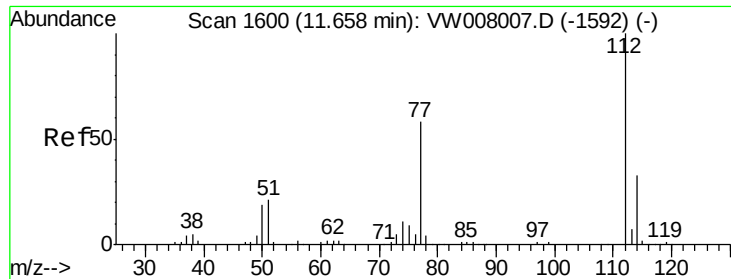
#64
Tetrachloroethene
Concen: 143.204 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion:164 Resp: 93787
Ion Ratio Lower Upper
164 100
166 136.2 98.1 147.1
129 101.1 78.0 117.0
131 97.9 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

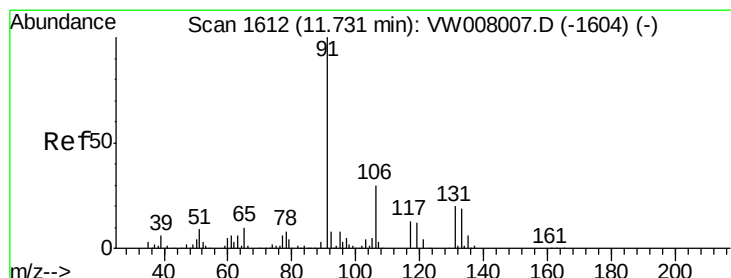
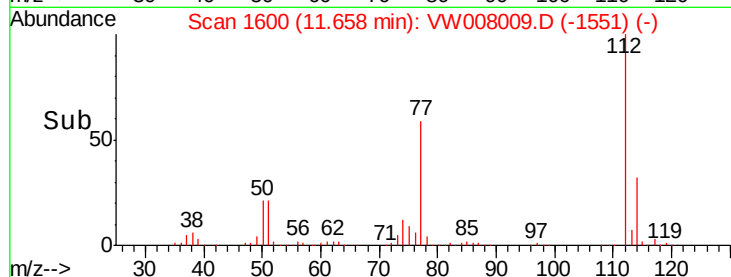
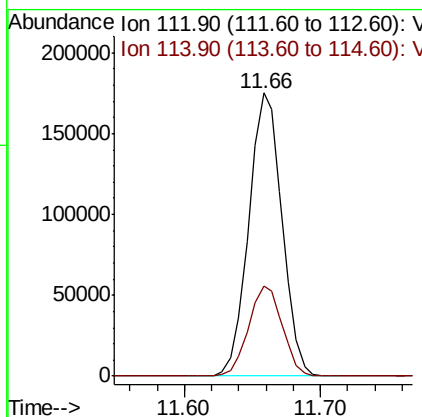
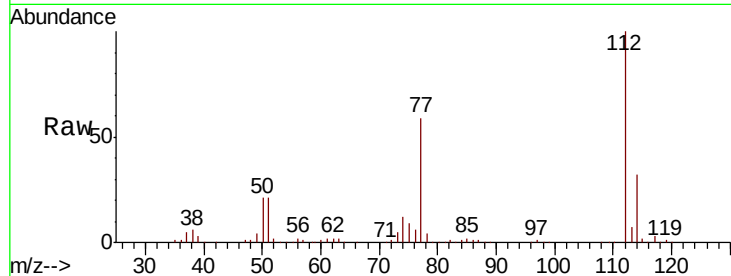




#65
Chlorobenzene
Concen: 148.076 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

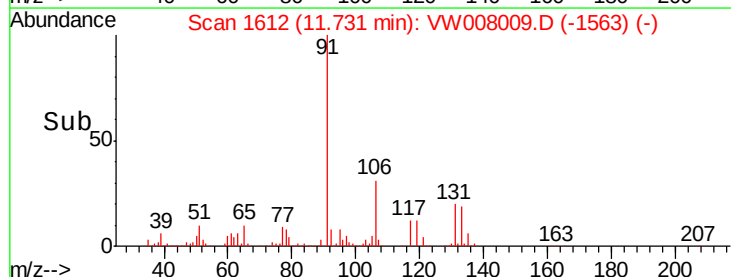
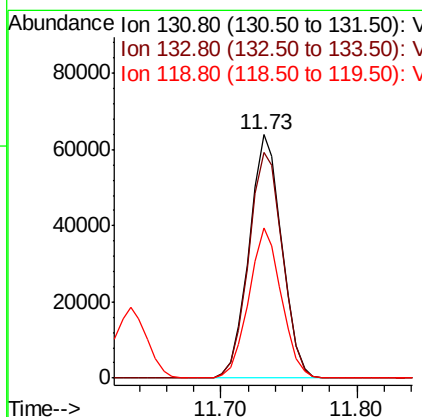
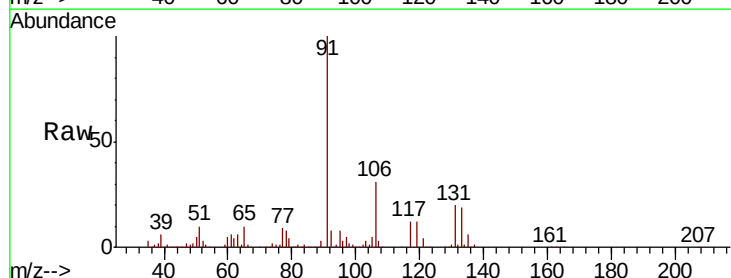
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

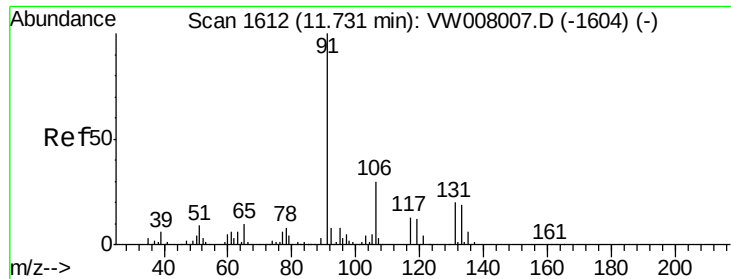
Tgt Ion:112 Resp: 300047
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 146.907 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion:131 Resp: 107800
Ion Ratio Lower Upper
131 100
133 95.8 49.1 147.3
119 61.1 30.6 91.6

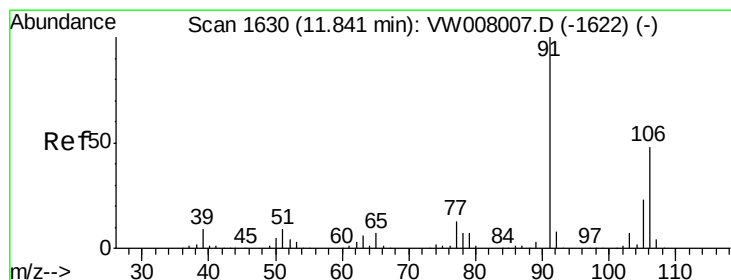
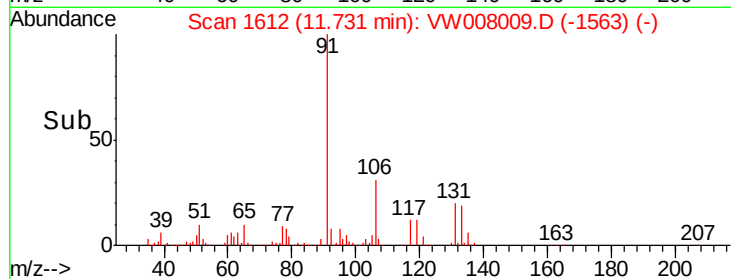
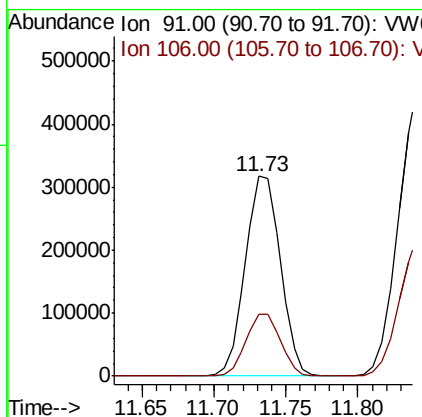
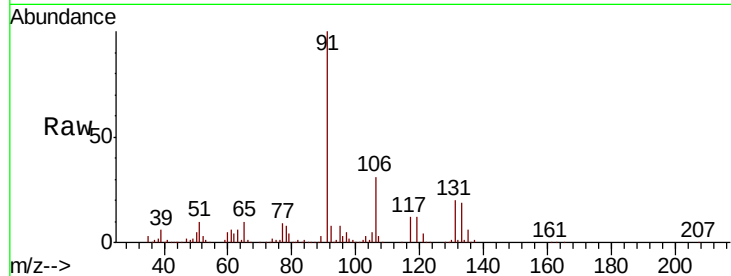




#67
Ethyl Benzene
Concen: 148.841 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

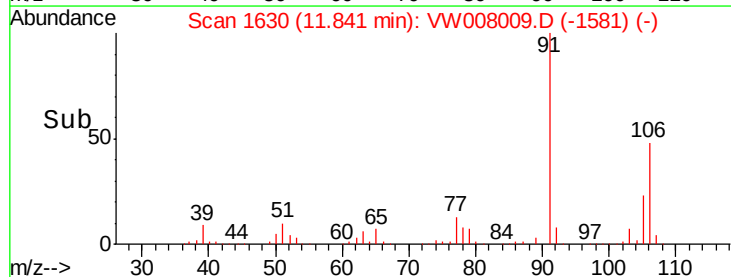
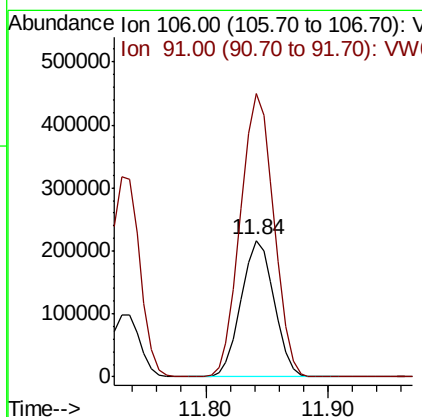
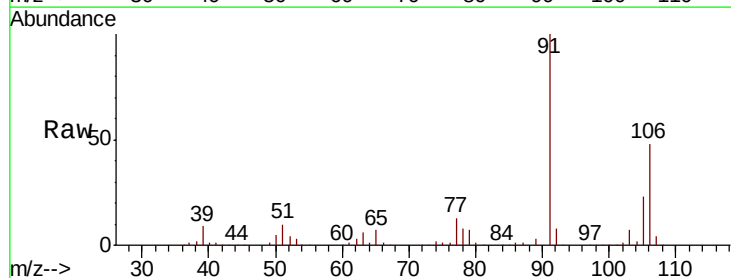
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

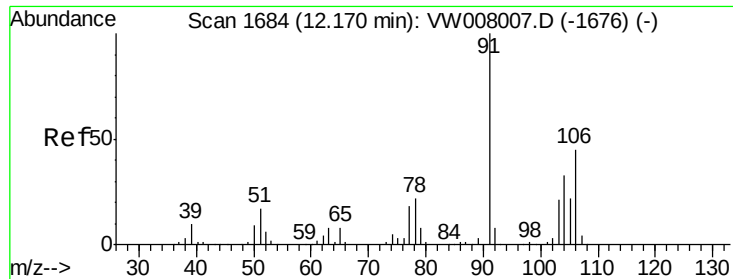
Tgt Ion: 91 Resp: 535328
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5



#68
m/p-Xylenes
Concen: 292.372 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 106 Resp: 406540
Ion Ratio Lower Upper
106 100
91 210.1 165.8 248.8

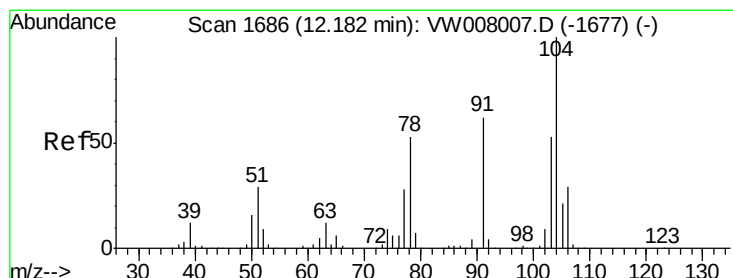
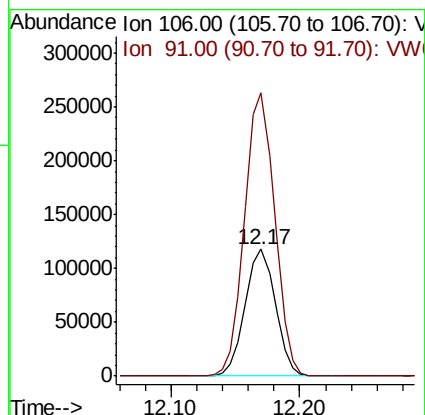
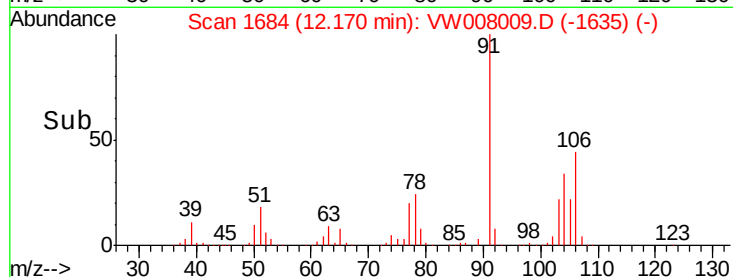
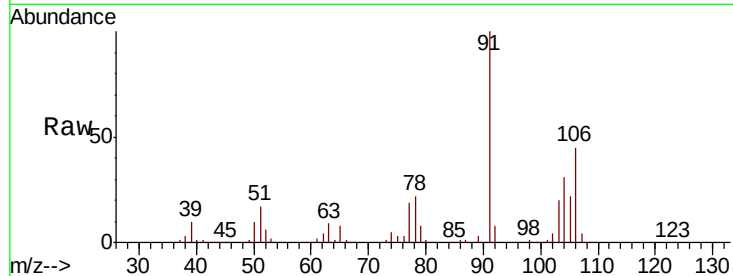




#69
o-Xylene
Concen: 147.957 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

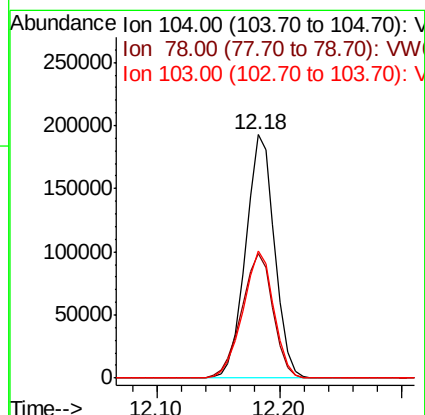
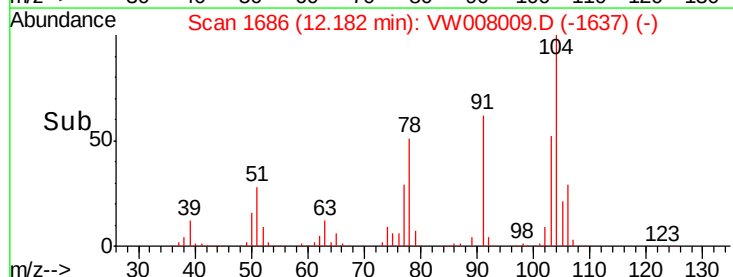
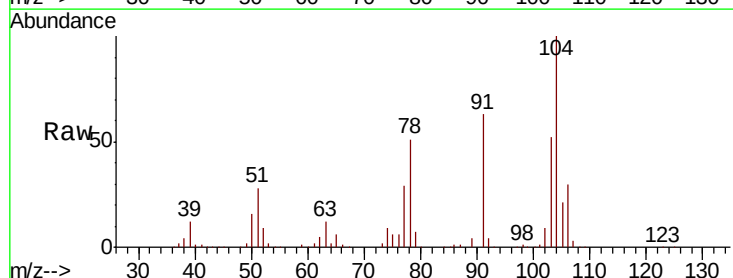
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

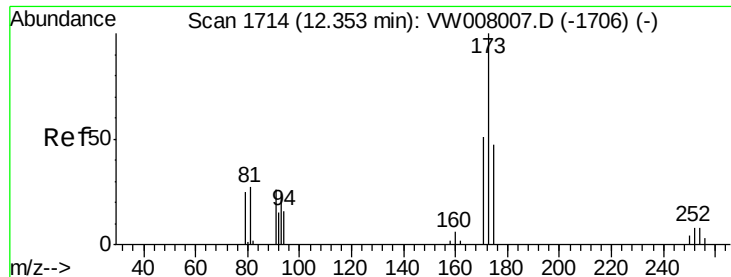
Tgt Ion:106 Resp: 191434
Ion Ratio Lower Upper
106 100
91 222.6 110.6 331.6



#70
Styrene
Concen: 149.126 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion:104 Resp: 314483
Ion Ratio Lower Upper
104 100
78 55.8 44.0 66.0
103 55.9 44.6 66.8





#71

Bromoform

Concen: 156.553 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

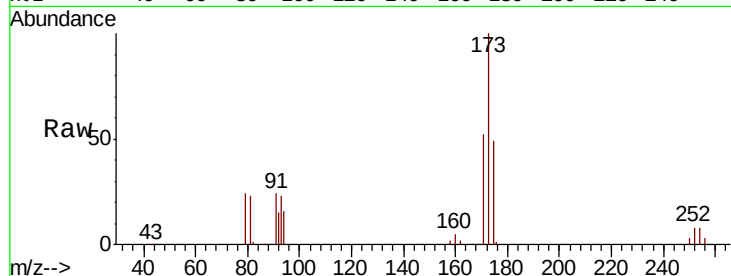
Tgt Ion:173 Resp: 53223

Ion Ratio Lower Upper

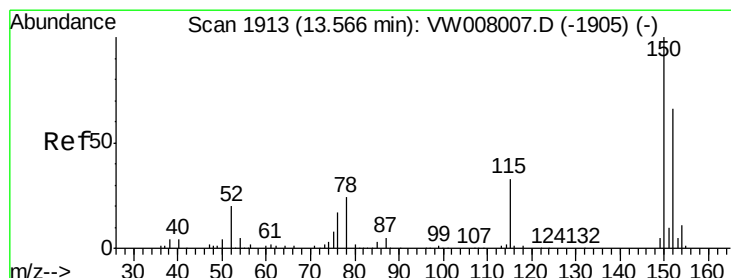
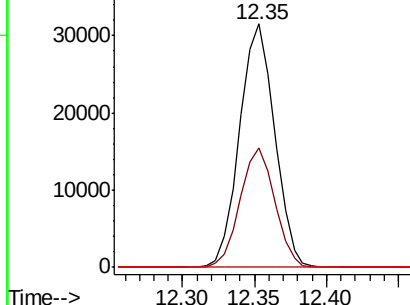
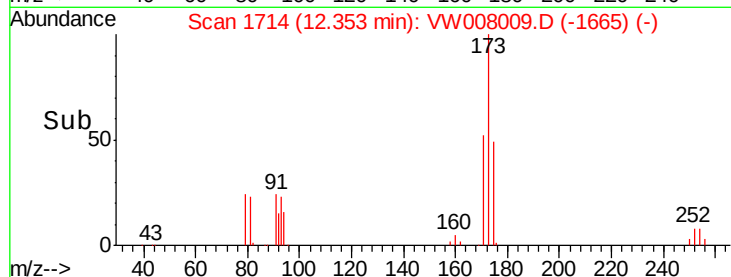
173 100

175 48.4 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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

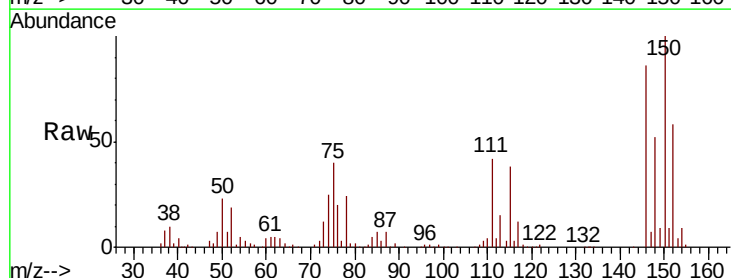
Tgt Ion:152 Resp: 45164

Ion Ratio Lower Upper

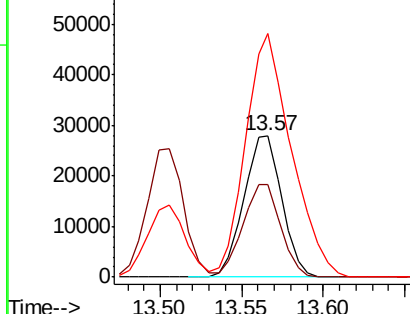
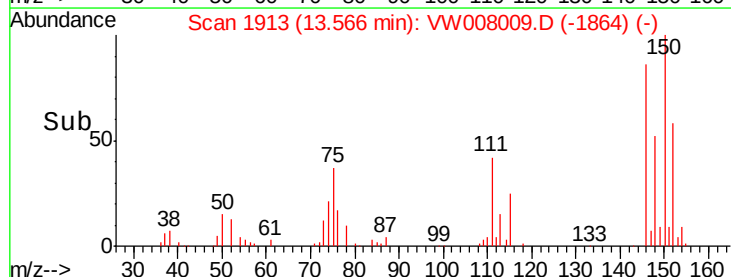
152 100

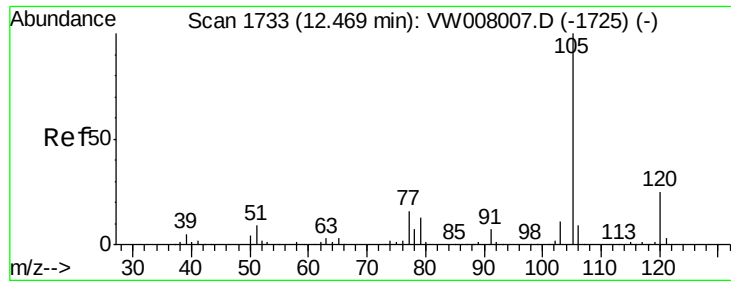
115 65.3 32.1 96.5

150 208.6 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

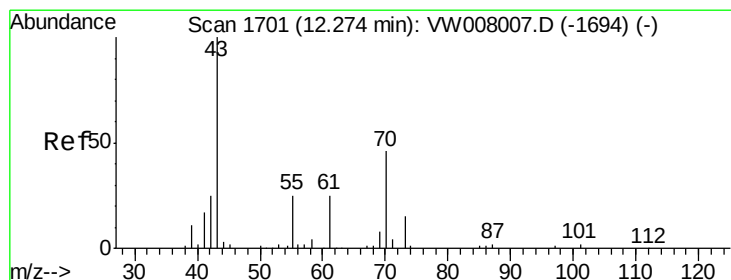
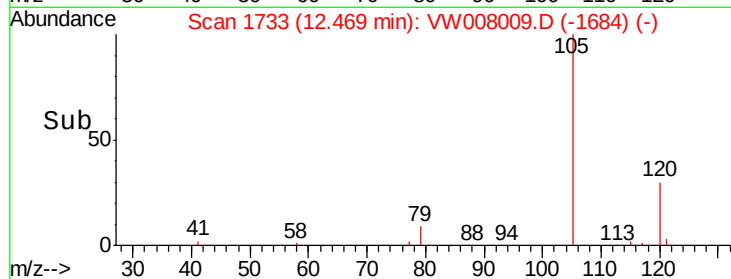
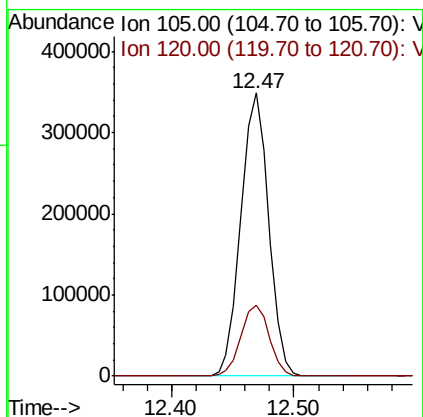
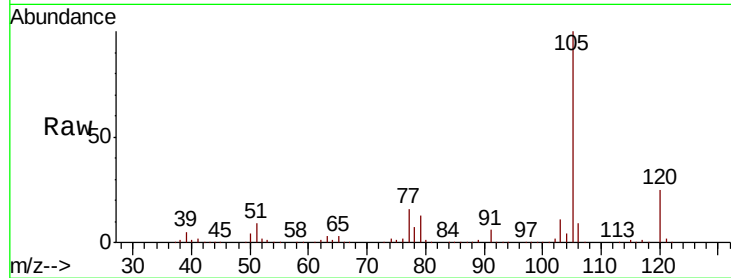




#73
Isopropylbenzene
Concen: 152.968 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

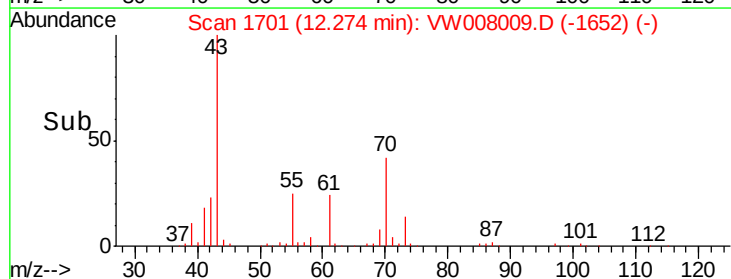
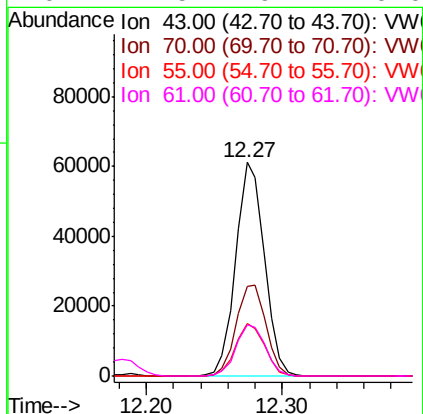
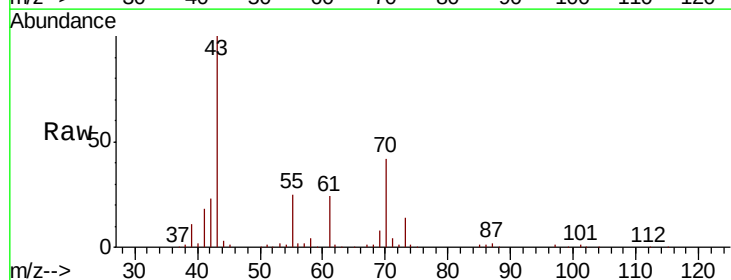
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

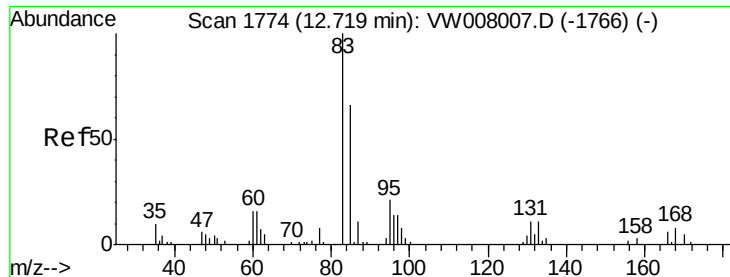
Tgt Ion: 105 Resp: 549359
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 160.488 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 43 Resp: 89718
Ion Ratio Lower Upper
43 100
70 44.2 35.2 52.8
55 25.1 21.4 32.0
61 24.5 19.4 29.0

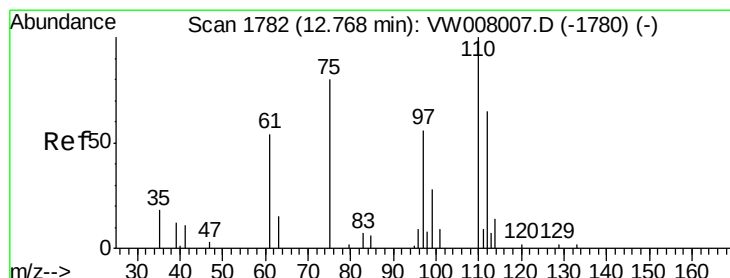
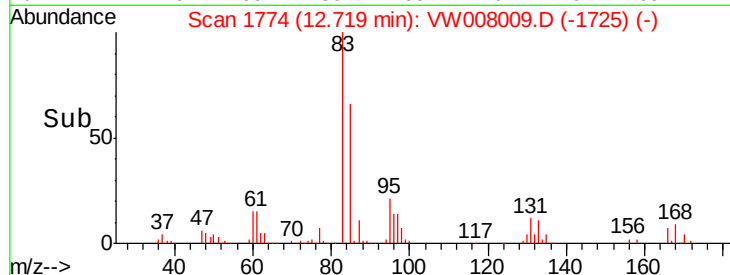
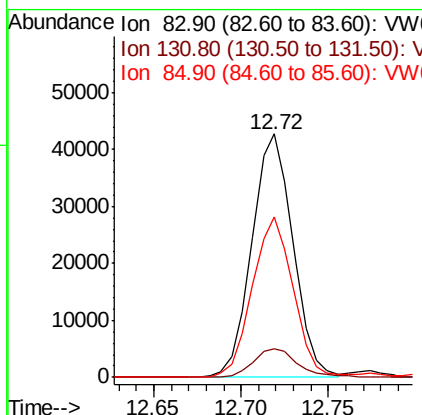
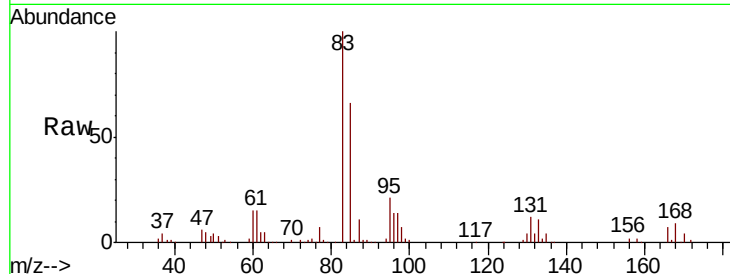




#75
 1,1,2,2-Tetrachloroethane
 Concen: 152.363 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

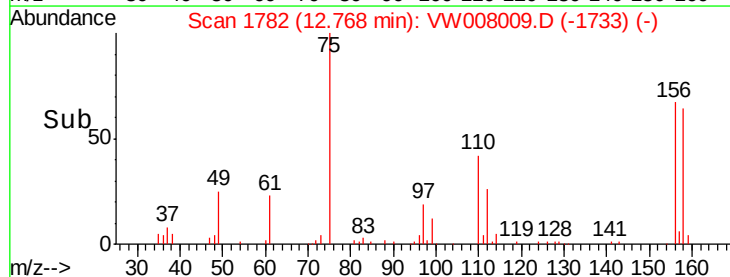
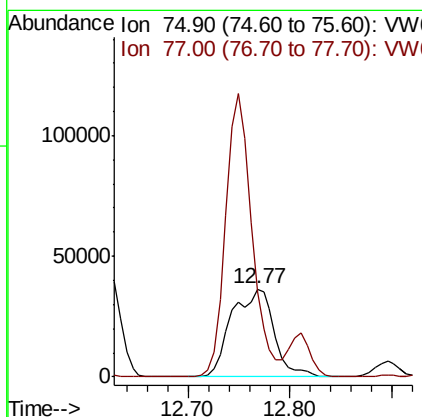
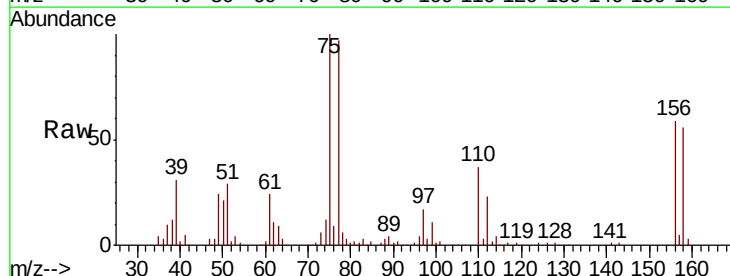
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

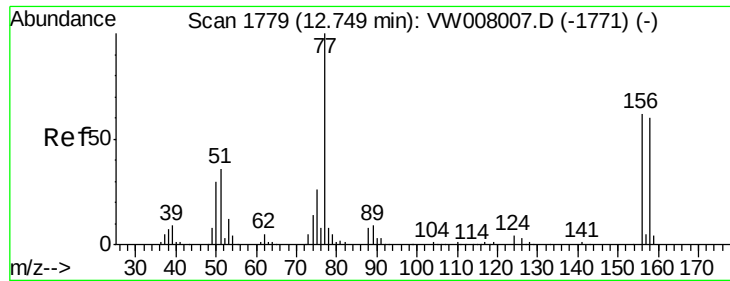
Tgt Ion: 83 Resp: 69623
 Ion Ratio Lower Upper
 83 100
 131 12.9 6.5 19.5
 85 65.5 32.8 98.3



#76
 1,2,3-Trichloropropane
 Concen: 168.018 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion: 75 Resp: 105702
 Ion Ratio Lower Upper
 75 100
 77 199.9 186.2 558.6





#77

Bromobenzene

Concen: 153.361 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

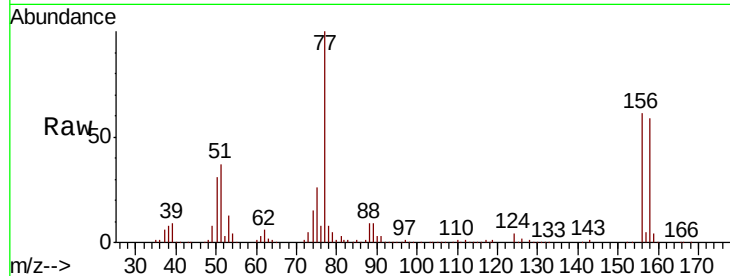
Tgt Ion:156 Resp: 118382

Ion Ratio Lower Upper

156 100

77 178.5 87.9 263.8

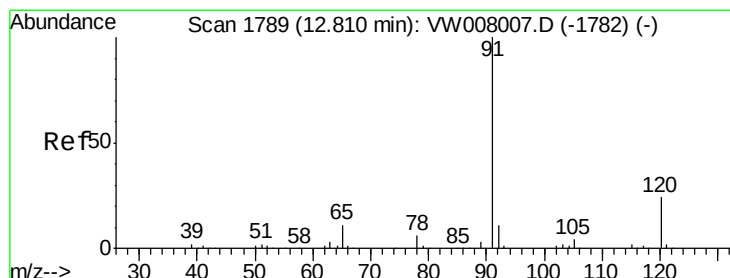
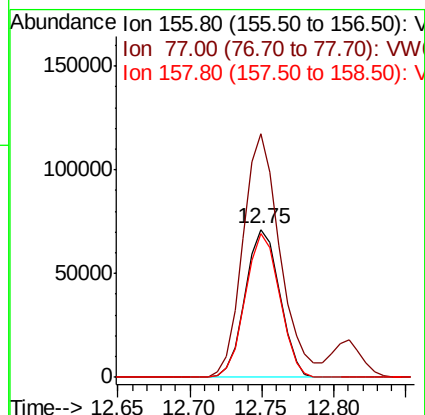
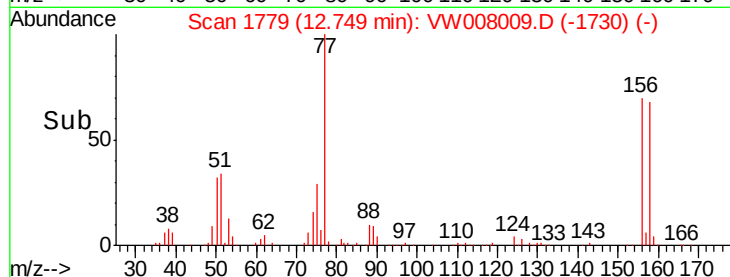
158 96.6 47.8 143.4



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: 150.939 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008009.D

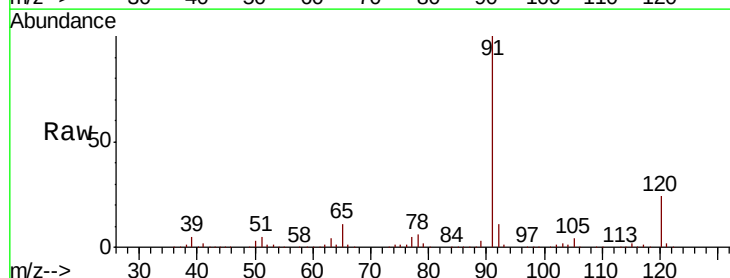
Acq: 02 Jan 2019 15:02

Tgt Ion: 91 Resp: 628486

Ion Ratio Lower Upper

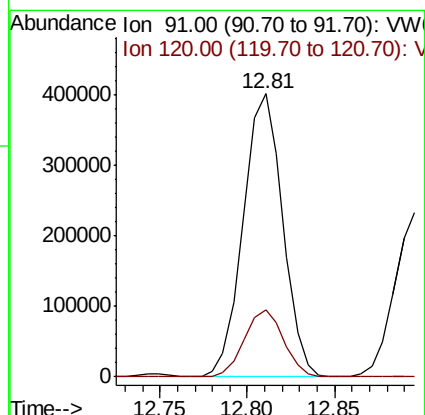
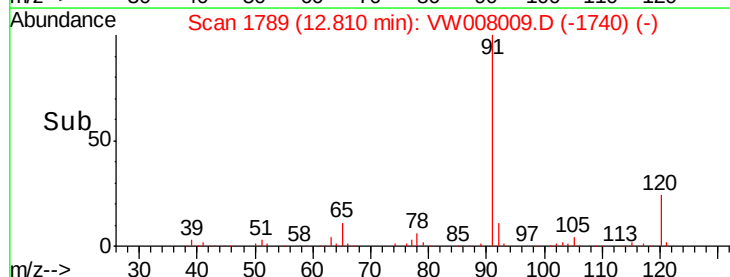
91 100

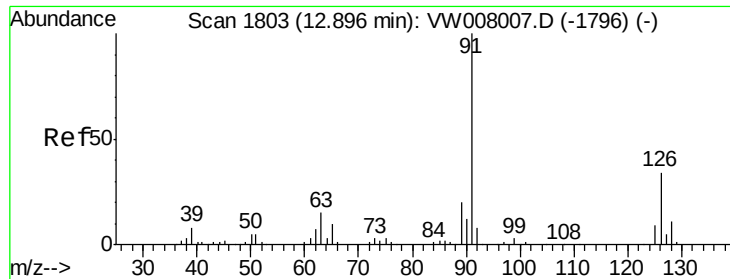
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 151.914 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

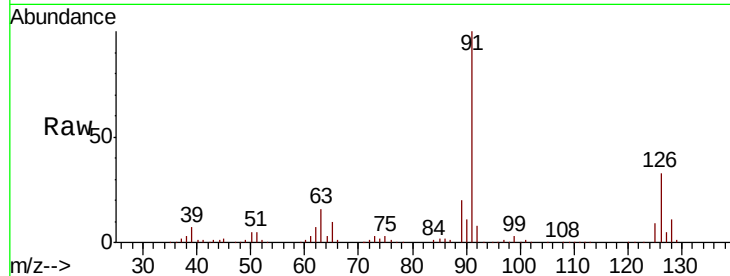
VSTDIC150

Tgt Ion: 91 Resp: 365585

Ion Ratio Lower Upper

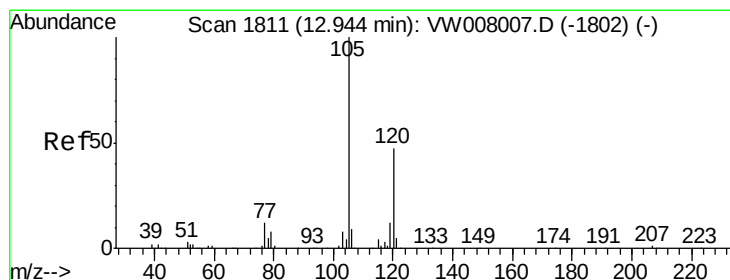
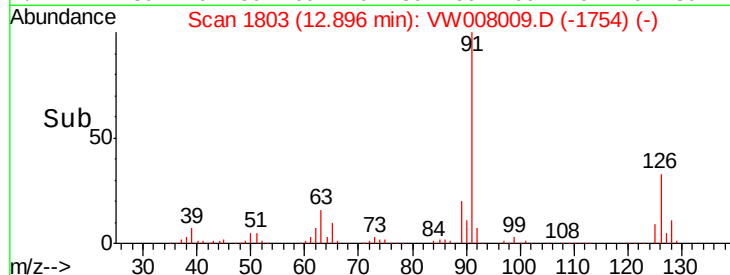
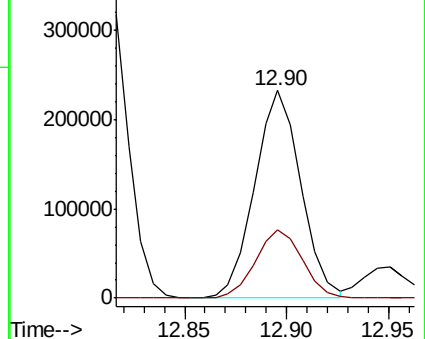
91 100

126 33.5 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 151.021 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008009.D

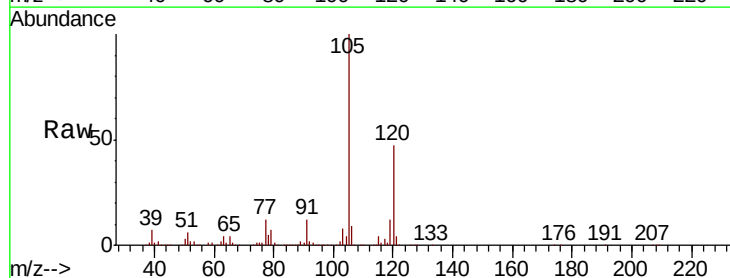
Acq: 02 Jan 2019 15:02

Tgt Ion: 105 Resp: 466855

Ion Ratio Lower Upper

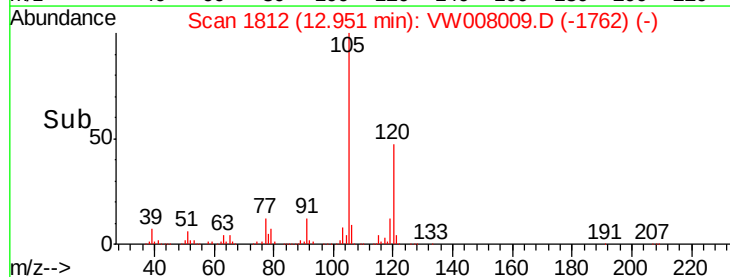
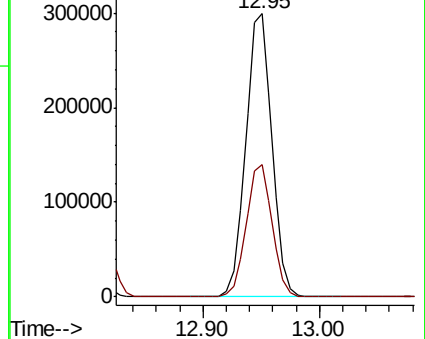
105 100

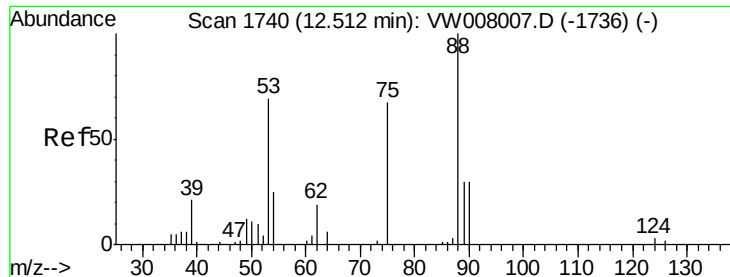
120 46.5 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

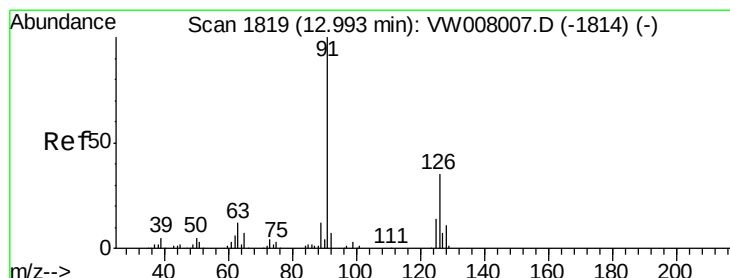
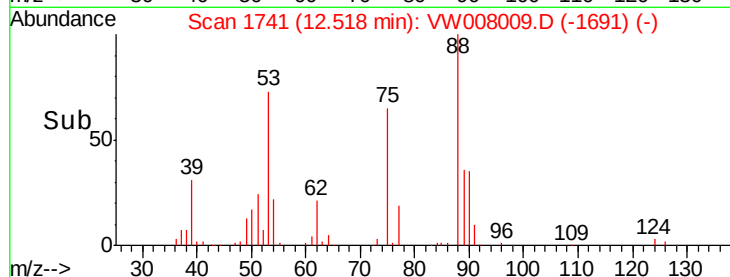
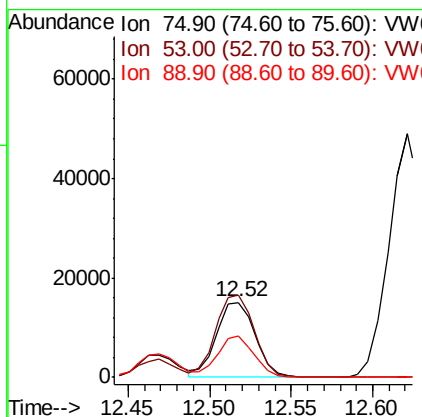
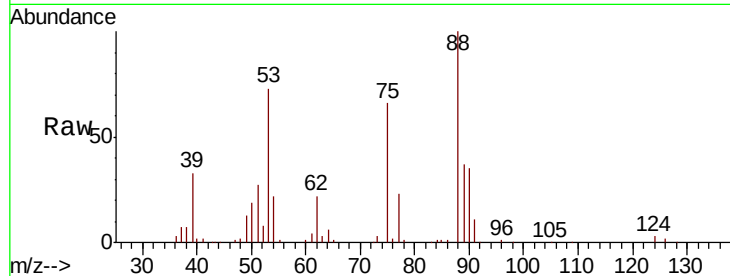




#81
trans-1,4-Dichloro-2-butene
Concen: 164.696 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

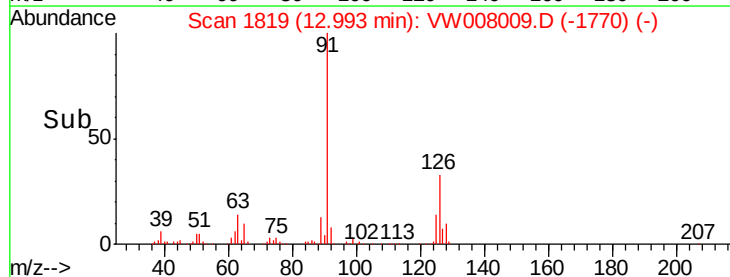
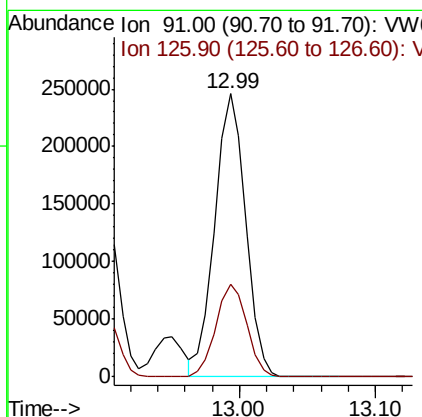
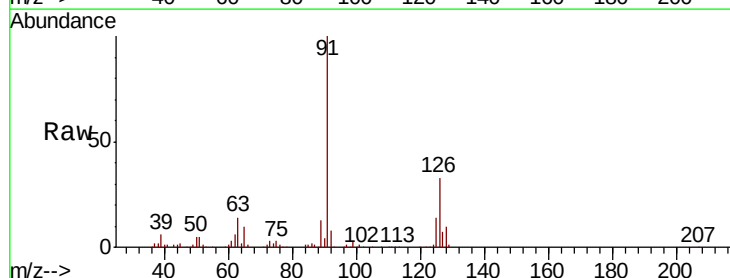
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

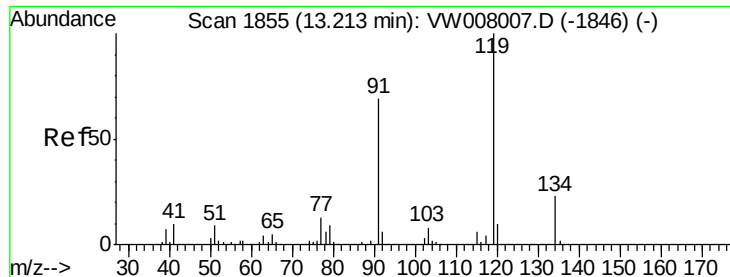
Tgt Ion: 75 Resp: 25023
Ion Ratio Lower Upper
75 100
53 109.8 87.6 131.4
89 50.8 42.2 63.2



#82
4-Chlorotoluene
Concen: 151.039 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion: 91 Resp: 386497
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.1





#83

tert-Butylbenzene

Concen: 149.528 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

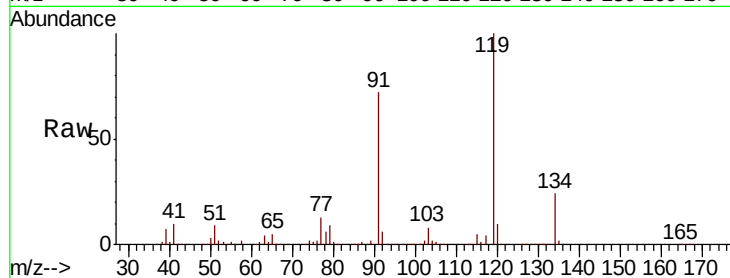
Tgt Ion:119 Resp: 404414

Ion Ratio Lower Upper

119 100

91 70.9 34.7 104.1

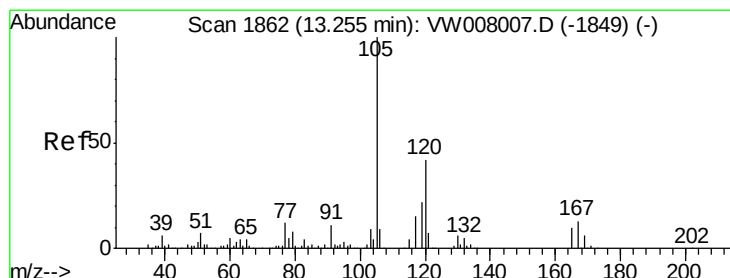
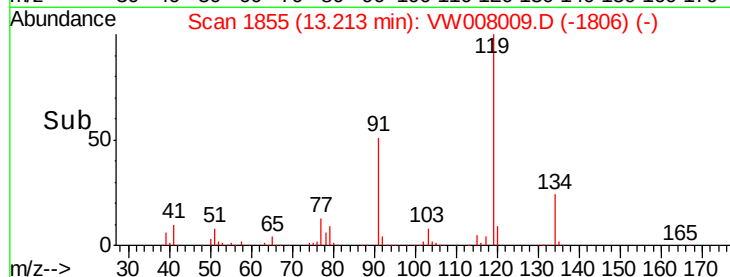
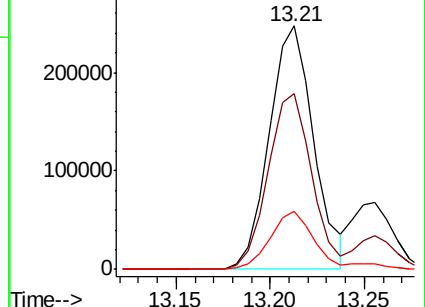
134 24.6 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 147.253 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008009.D

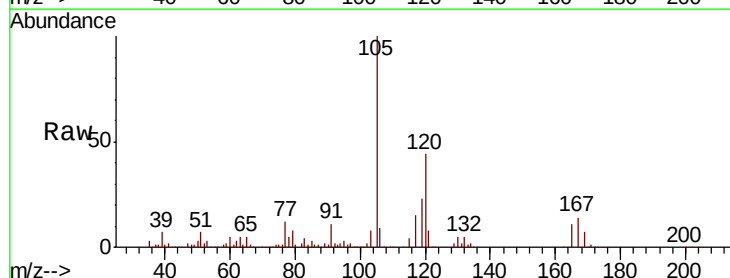
Acq: 02 Jan 2019 15:02

Tgt Ion:105 Resp: 461075

Ion Ratio Lower Upper

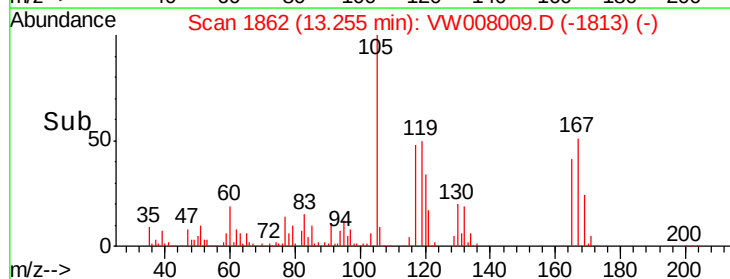
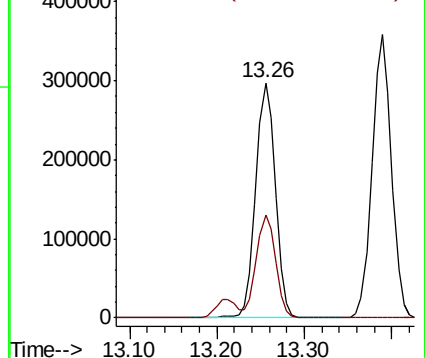
105 100

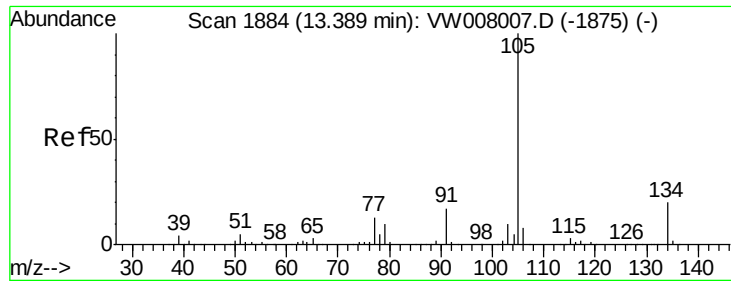
120 42.8 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 148.243 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

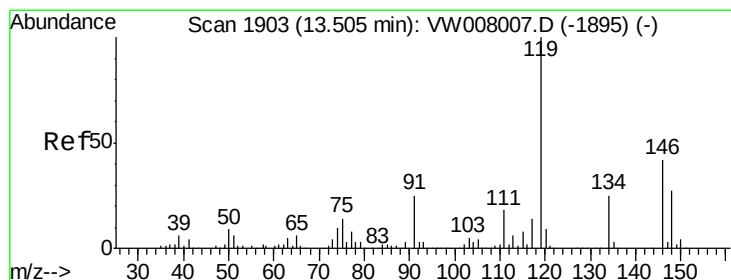
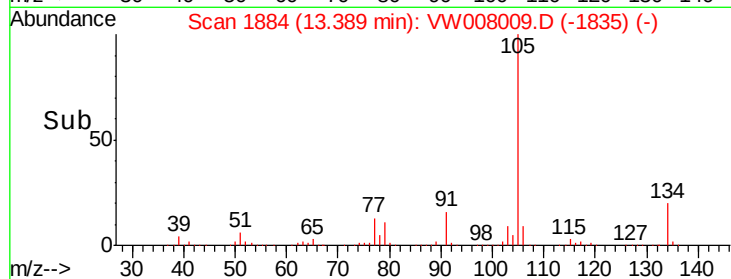
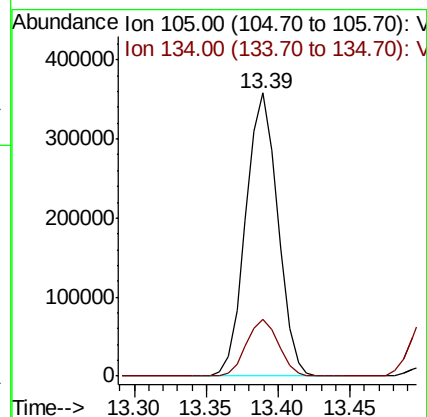
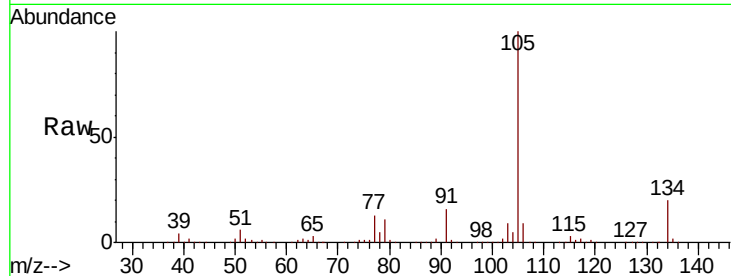
VSTDIC150

Tgt Ion:105 Resp: 551545

Ion Ratio Lower Upper

105 100

134 20.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 148.082 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

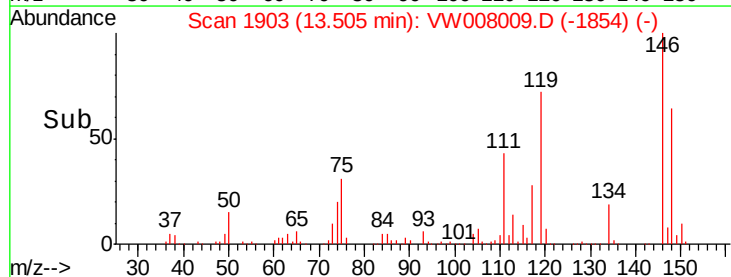
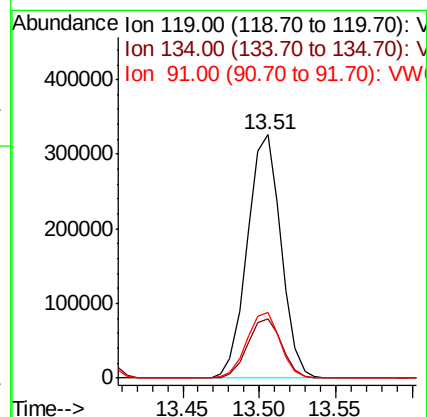
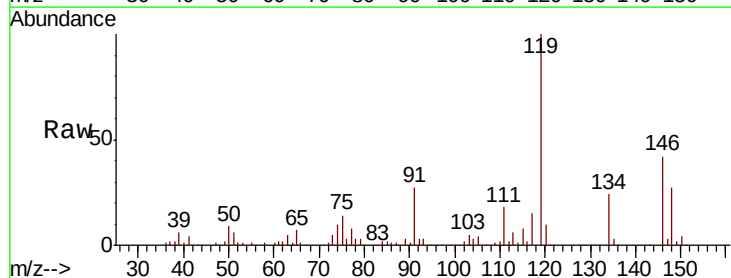
Tgt Ion:119 Resp: 496954

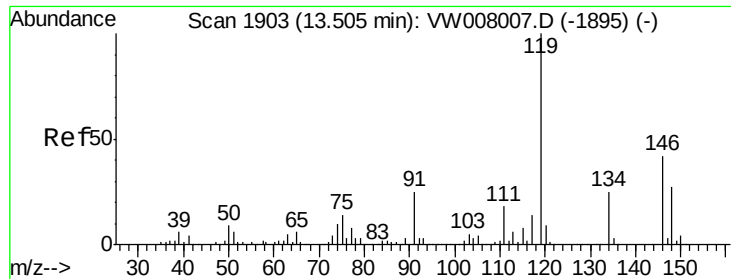
Ion Ratio Lower Upper

119 100

134 24.9 12.5 37.5

91 26.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 144.921 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

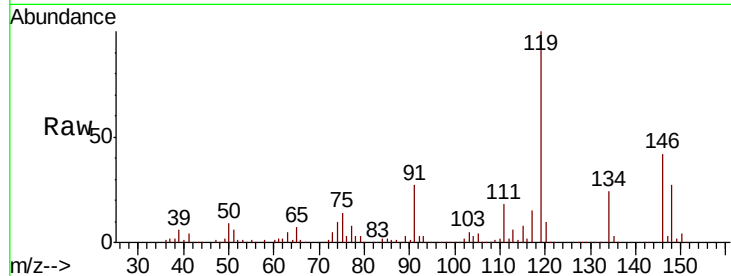
Tgt Ion:146 Resp: 225715

Ion Ratio Lower Upper

146 100

111 43.6 21.4 64.2

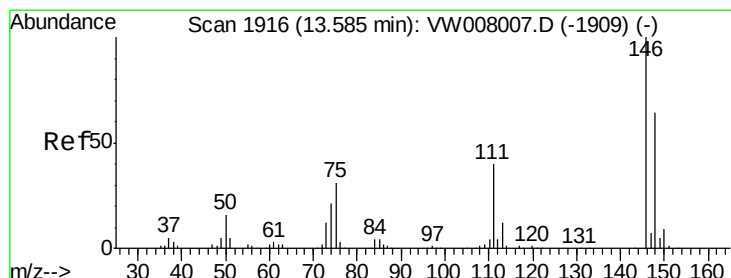
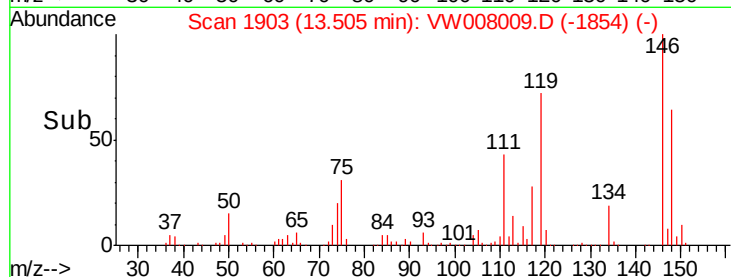
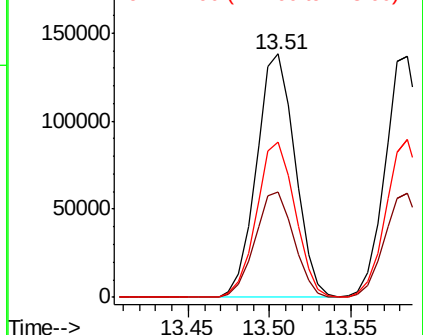
148 63.8 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 145.955 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

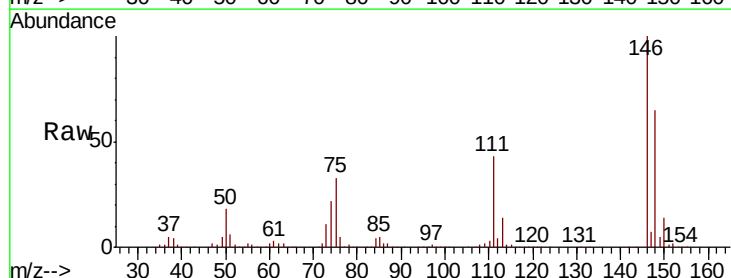
Tgt Ion:146 Resp: 225058

Ion Ratio Lower Upper

146 100

111 42.9 20.9 62.8

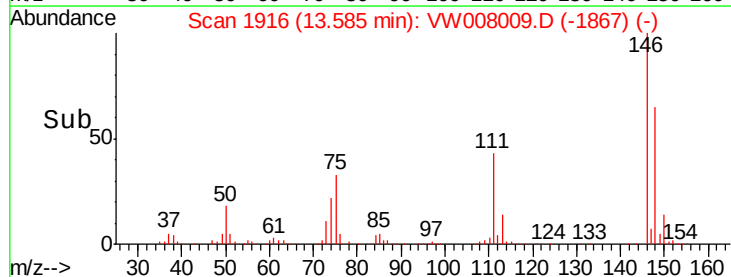
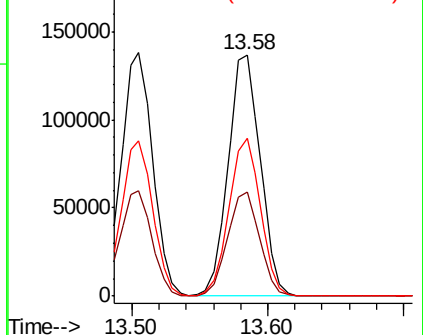
148 64.1 31.9 95.9

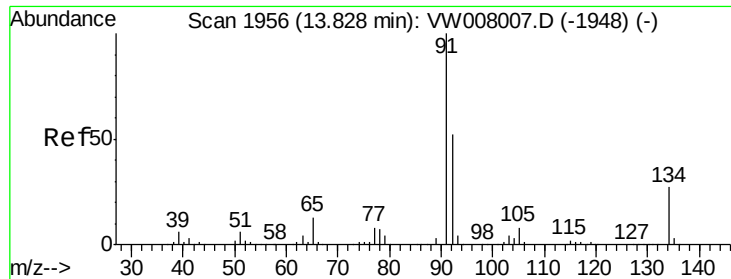


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 148.662 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008009.D

Acq: 02 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

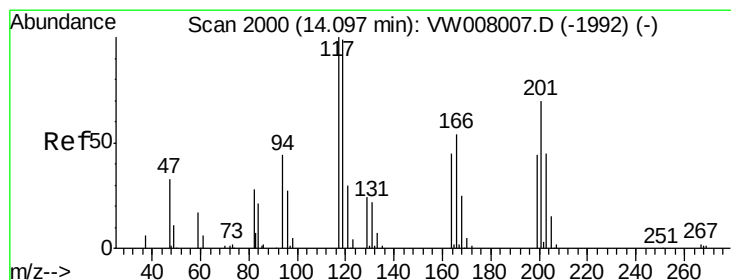
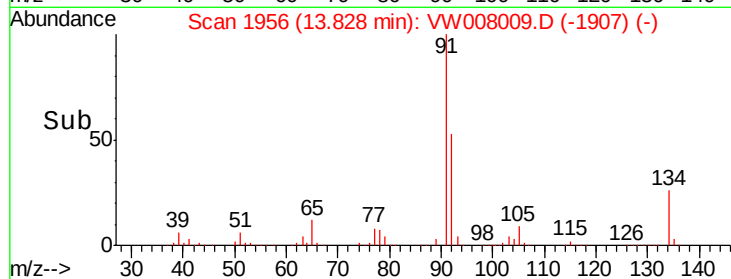
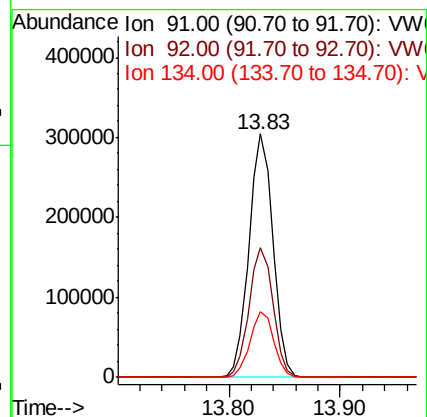
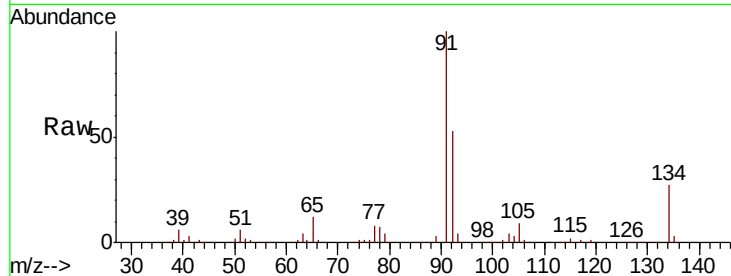
Tgt Ion: 91 Resp: 456333

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 26.7 13.4 40.2



#90

Hexachloroethane

Concen: 149.979 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008009.D

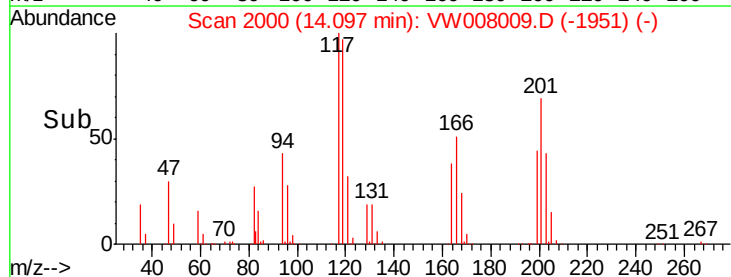
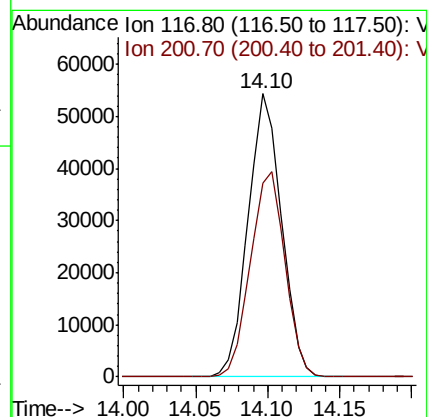
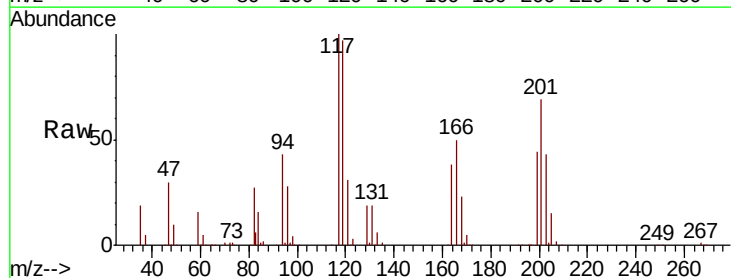
Acq: 02 Jan 2019 15:02

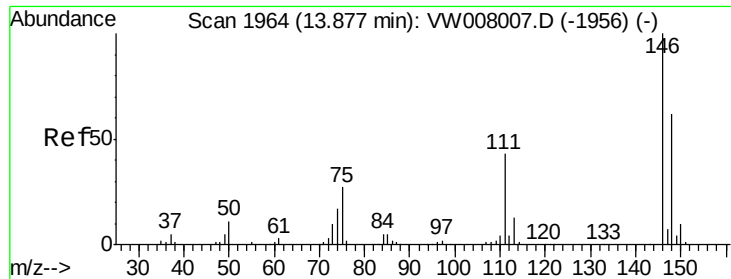
Tgt Ion: 117 Resp: 87335

Ion Ratio Lower Upper

117 100

201 74.7 37.1 111.5

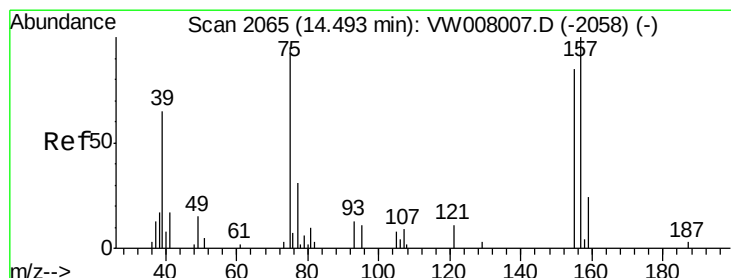
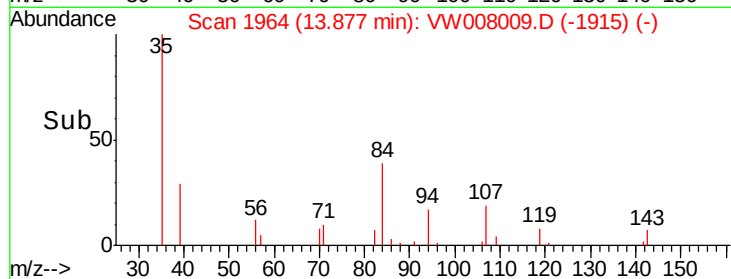
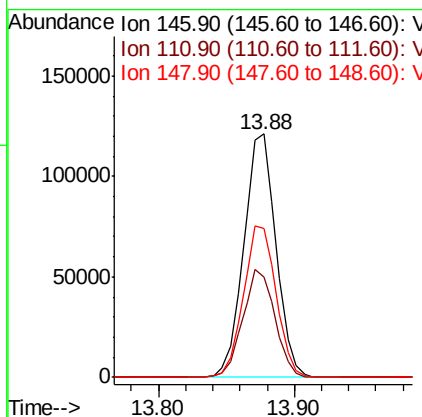
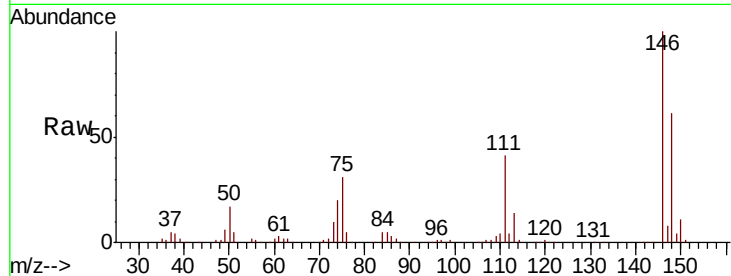




#91
 1,2-Dichlorobenzene
 Concen: 146.179 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

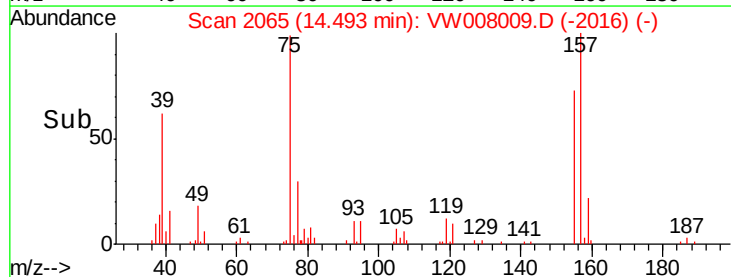
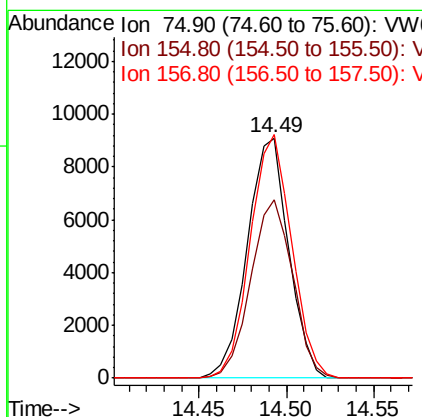
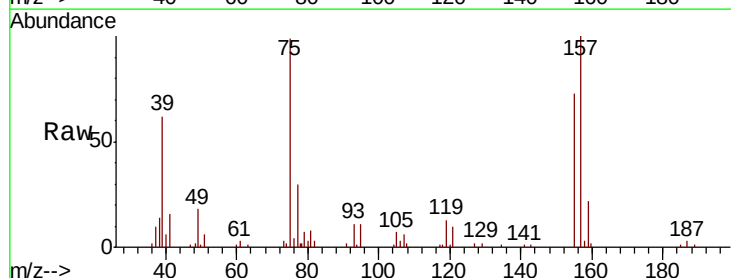
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

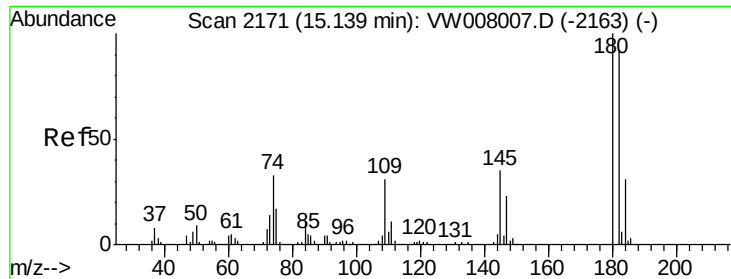
Tgt Ion:146 Resp: 200071
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.6 67.7
 148 63.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 161.013 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion: 75 Resp: 14933
 Ion Ratio Lower Upper
 75 100
 155 75.3 42.4 127.1
 157 101.6 52.3 156.8

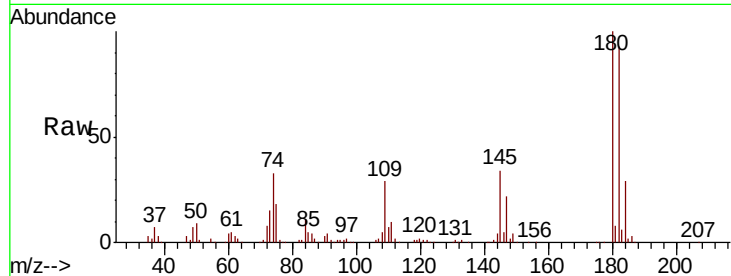




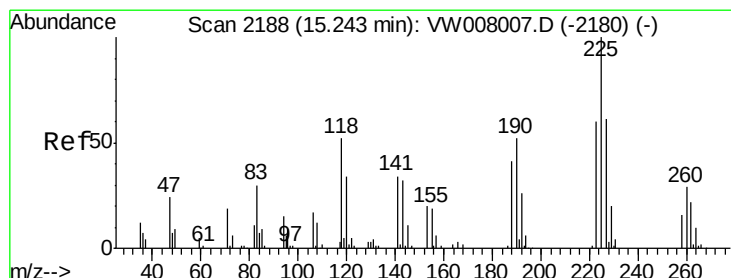
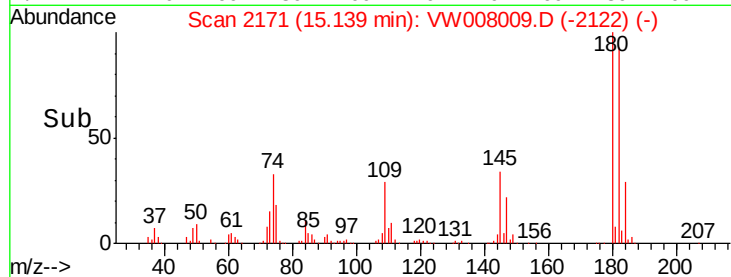
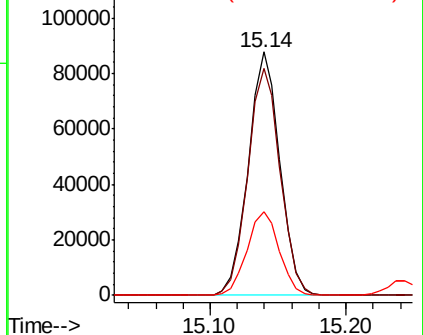
#93
 1,2,4-Trichlorobenzene
 Concen: 148.601 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.6	139.8
145	34.9	17.2	51.6

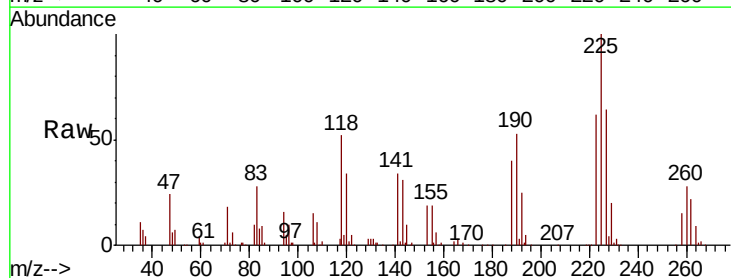


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

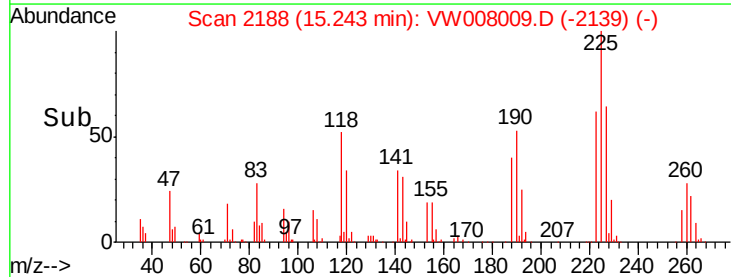
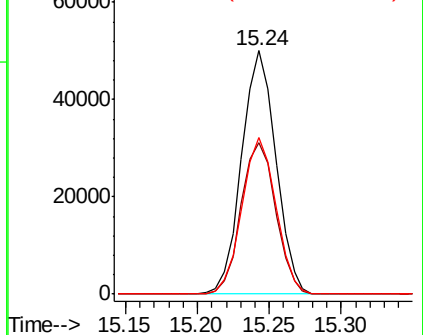


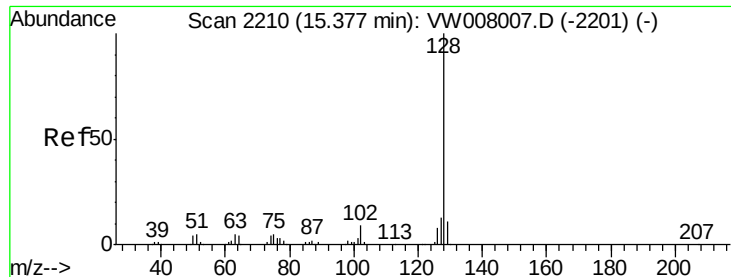
#94
 Hexachlorobutadiene
 Concen: 148.795 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008009.D
 Acq: 02 Jan 2019 15:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.6	92.0
227	63.9	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

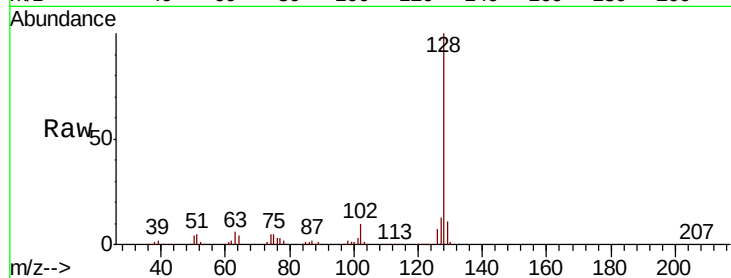




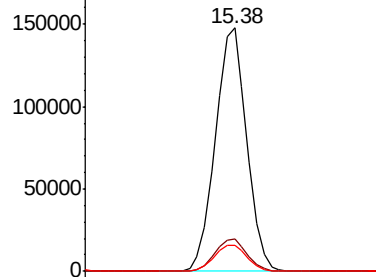
#95
Naphthalene
Concen: 160.424 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

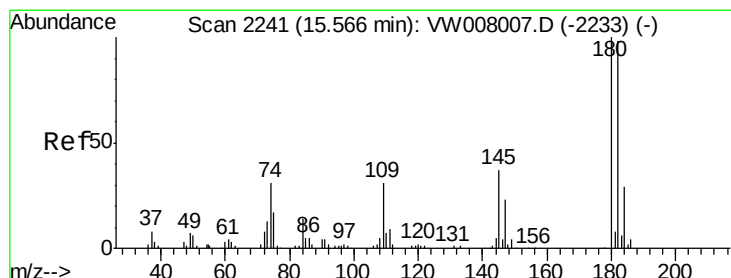
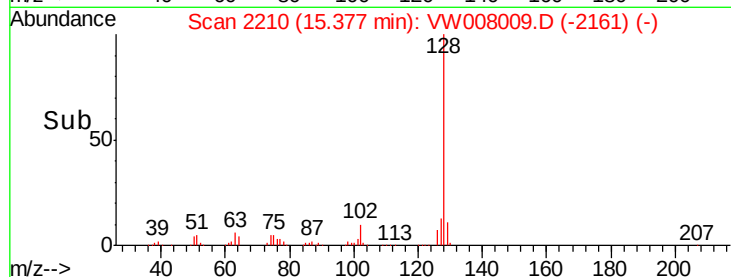
Tgt Ion:128 Resp: 262638
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

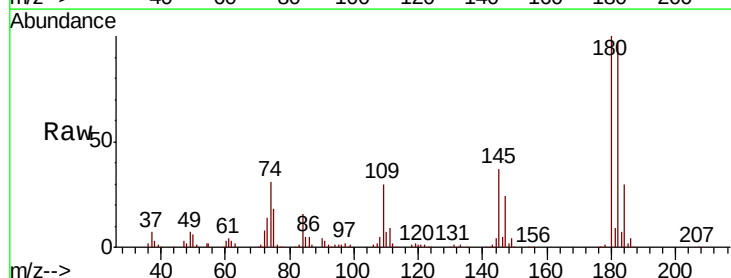


Time-->

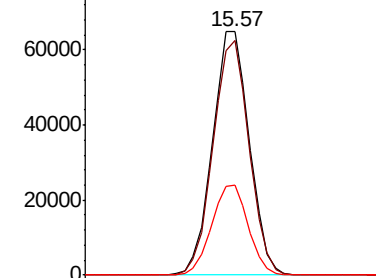


#96
1,2,3-Trichlorobenzene
Concen: 154.781 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008009.D
Acq: 02 Jan 2019 15:02

Tgt Ion:180 Resp: 122425
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.8
145 36.8 18.7 56.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

