

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007229.D
 Acq On : 05 Dec 2018 14:01
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 06:19:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	167970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77096	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	46969	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
35) Dibromofluoromethane	7.88	113	46501	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
50) Toluene-d8	10.32	98	213469	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	80259	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	52560	44.225	ug/l	99
3) Chloromethane	2.22	50	63083	41.914	ug/l	98
4) Vinyl Chloride	2.36	62	44793	47.534	ug/l	99
5) Bromomethane	2.76	94	27441	58.112	ug/l	96
6) Chloroethane	2.92	64	24842	46.984	ug/l	95
7) Trichlorofluoromethane	3.26	101	86970	47.338	ug/l	98
8) Diethyl Ether	3.69	74	22003	42.965	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51861	46.729	ug/l	99
10) Methyl Iodide	4.28	142	32400	34.270	ug/l	99
11) Tert butyl alcohol	5.17	59	17524	175.918	ug/l	100
12) 1,1-Dichloroethene	4.04	96	48112	46.258	ug/l	96
13) Acrolein	3.90	56	17157	242.106	ug/l	100
14) Allyl chloride	4.67	41	74953	44.959	ug/l	97
15) Acrylonitrile	5.38	53	45673	213.339	ug/l	100
16) Acetone	4.12	43	51873	216.657	ug/l	99
17) Carbon Disulfide	4.38	76	159394	46.493	ug/l	100
18) Methyl Acetate	4.67	43	22046	40.340	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	106546	43.510	ug/l	100
20) Methylene Chloride	4.92	84	57015	46.971	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	53689	46.230	ug/l	99
22) Diisopropyl ether	6.32	45	141459	47.267	ug/l	98
23) Vinyl Acetate	6.26	43	364225	223.040	ug/l	100
24) 1,1-Dichloroethane	6.22	63	90429	47.143	ug/l	98
25) 2-Butanone	7.17	43	56862	204.878	ug/l	99
26) 2,2-Dichloropropane	7.17	77	88408	47.961	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	57847	46.465	ug/l	99
28) Bromochloromethane	7.51	49	31886	46.100	ug/l	99
29) Tetrahydrofuran	7.53	42	34795	202.876	ug/l	100
30) Chloroform	7.68	83	93293	46.798	ug/l	99
31) Cyclohexane	7.96	56	90611	45.148	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	90508	48.243	ug/l	99
36) 1,1-Dichloropropene	8.09	75	78479	48.018	ug/l	99
37) Ethyl Acetate	7.26	43	23504	39.757	ug/l	98
38) Carbon Tetrachloride	8.07	117	80220	48.089	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104169	47.611	ug/l	98
40) Benzene	8.32	78	216886	48.394	ug/l	100
41) Methacrylonitrile	7.49	41	15909	44.926	ug/l	94
42) 1,2-Dichloroethane	8.40	62	57743	46.101	ug/l	100
43) Isopropyl Acetate	8.43	43	48348	42.107	ug/l	100
44) Trichloroethene	9.09	130	61807	49.063	ug/l	91
45) 1,2-Dichloropropane	9.37	63	49614	47.572	ug/l	99
46) Dibromomethane	9.46	93	24429	45.078	ug/l	98
47) Bromodichloromethane	9.65	83	66697	46.788	ug/l	94
48) Methyl methacrylate	9.44	41	26860	45.072	ug/l	96
49) 1,4-Dioxane	9.45	88	9126	963.983	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	123873	218.917	ug/l	100
52) Toluene	10.39	92	152149	48.804	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	67067	46.795	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79362	47.251	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34946	45.334	ug/l	97
56) Ethyl methacrylate	10.65	69	46213	45.959	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58007	44.572	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	95155	235.599	ug/l	100
59) 2-Hexanone	10.97	43	86360	210.536	ug/l	100
60) Dibromochloromethane	11.13	129	43694	46.119	ug/l	97
61) 1,2-Dibromoethane	11.24	107	33887	45.833	ug/l	98
64) Tetrachloroethene	10.87	164	54419	47.891	ug/l	95
65) Chlorobenzene	11.66	112	168118	48.400	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	51379	47.895	ug/l	99
67) Ethyl Benzene	11.73	91	306634	48.435	ug/l	98
68) m/p-Xylenes	11.84	106	236962	95.411	ug/l	98
69) o-Xylene	12.17	106	110551	47.643	ug/l	97
70) Styrene	12.18	104	179104	47.152	ug/l	98
71) Bromoform	12.35	173	23826	44.368	ug/l #	97
73) Isopropylbenzene	12.47	105	311772	49.721	ug/l	100
74) N-amyl acetate	12.27	43	48880	43.967	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37776	46.387	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	54078	90.589	ug/l #	100
77) Bromobenzene	12.75	156	64608	47.734	ug/l	99
78) n-propylbenzene	12.81	91	368726	49.358	ug/l	96
79) 2-Chlorotoluene	12.90	91	207023	49.074	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	261908	48.825	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12323	44.493	ug/l	96
82) 4-Chlorotoluene	12.99	91	219405	48.888	ug/l	99
83) tert-Butylbenzene	13.21	119	230932	49.262	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	261718	47.796	ug/l	97
85) sec-Butylbenzene	13.39	105	329498	49.235	ug/l	99
86) p-Isopropyltoluene	13.51	119	291268	48.891	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133932	48.202	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	131445	46.834	ug/l	98
89) n-Butylbenzene	13.83	91	275678	49.519	ug/l	99
90) Hexachloroethane	14.10	117	45164	49.748	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	116482	48.425	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6881	43.618	ug/l	96

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QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration

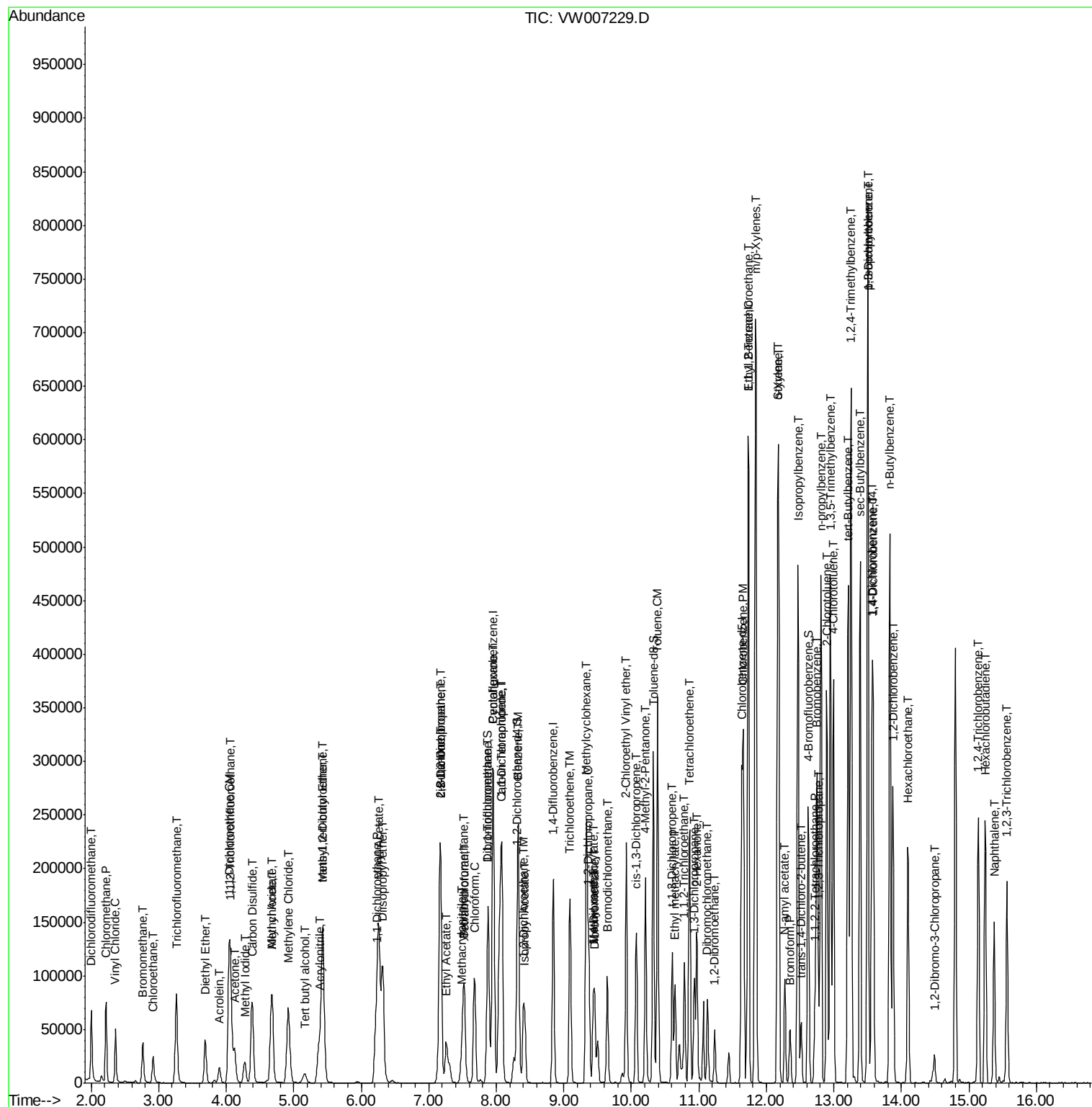
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79174	47.496	ug/l	98
94) Hexachlorobutadiene	15.24	225	44342	49.328	ug/l	99
95) Naphthalene	15.38	128	133287	44.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	64205	45.677	ug/l	100

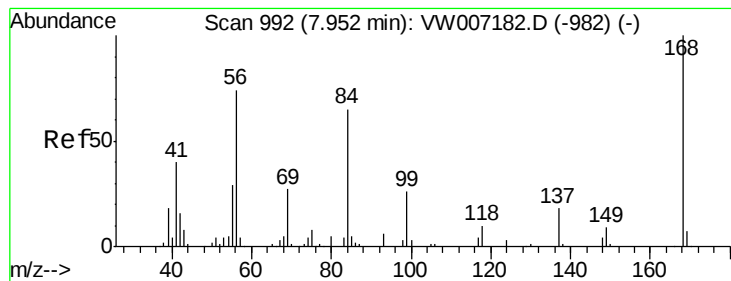
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

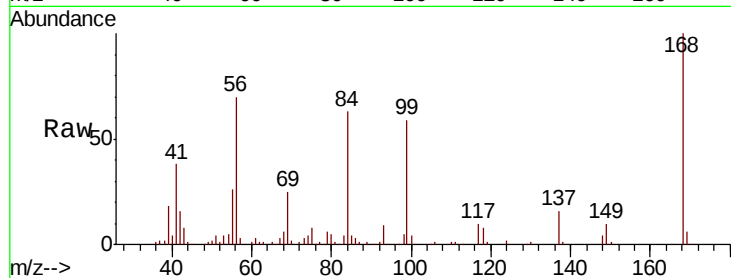
VSTDCCC050

Tot Ion:168 Resp: 108627

Ion Ratio Lower Upper

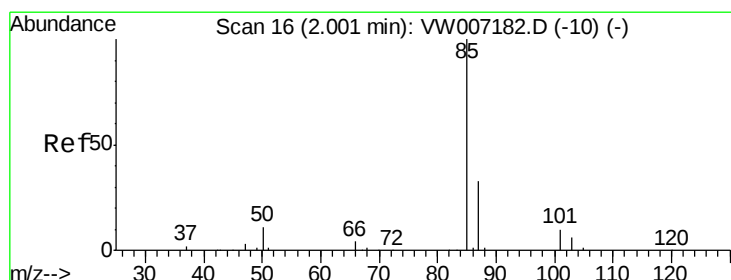
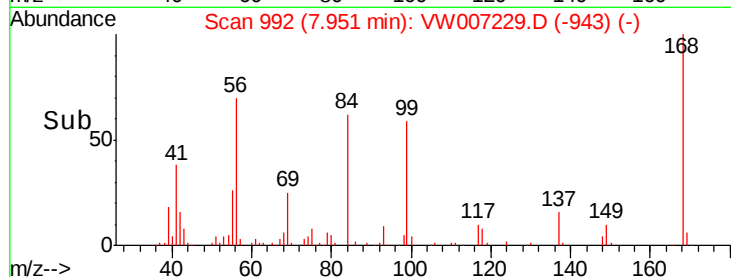
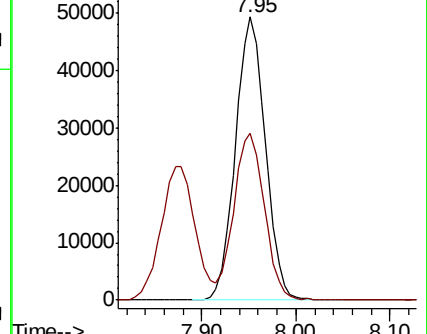
168 100

99 58.9 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.225 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007229.D

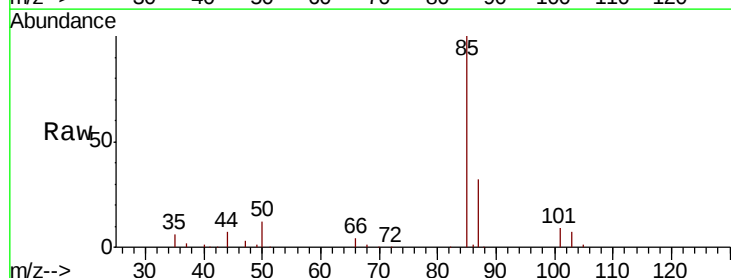
Acq: 05 Dec 2018 14:01

Tgt Ion: 85 Resp: 52560

Ion Ratio Lower Upper

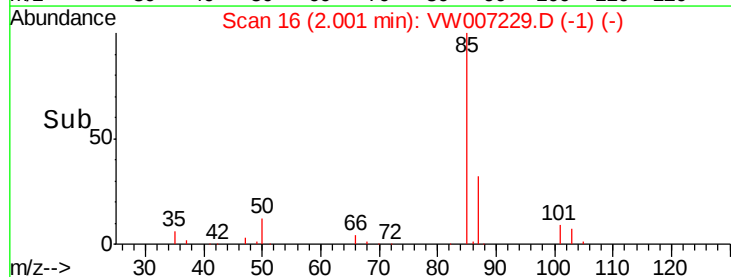
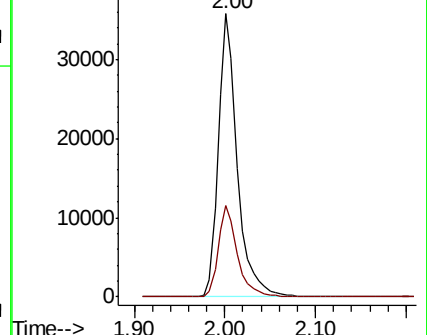
85 100

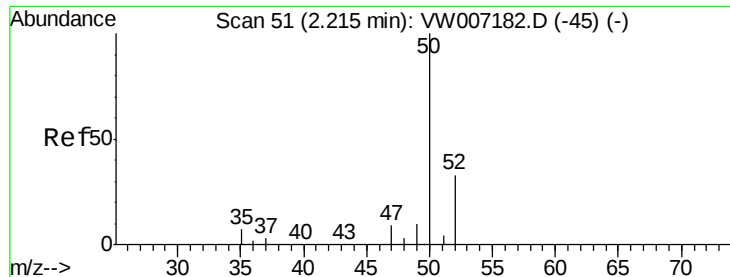
87 32.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 41.914 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

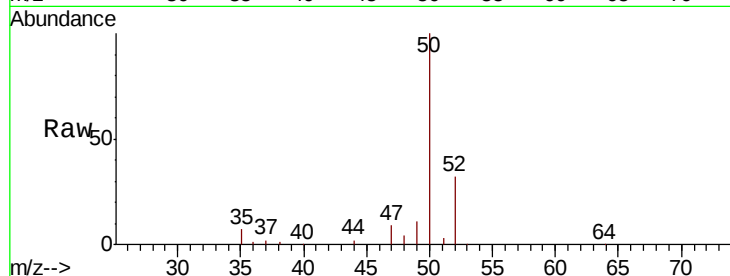
VSTDCCC050

Tot Ion: 50 Resp: 63083

Ion Ratio Lower Upper

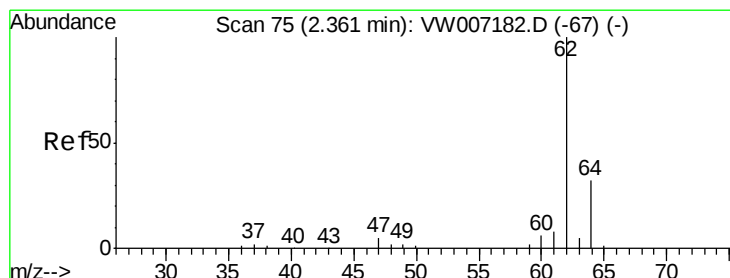
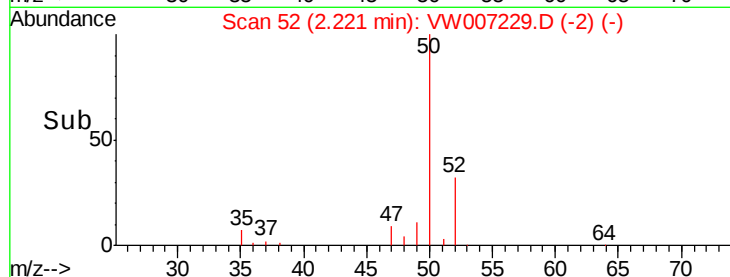
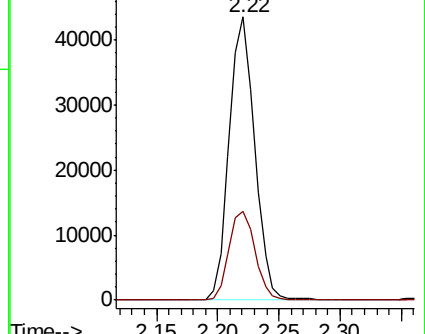
50 100

52 31.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 47.534 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007229.D

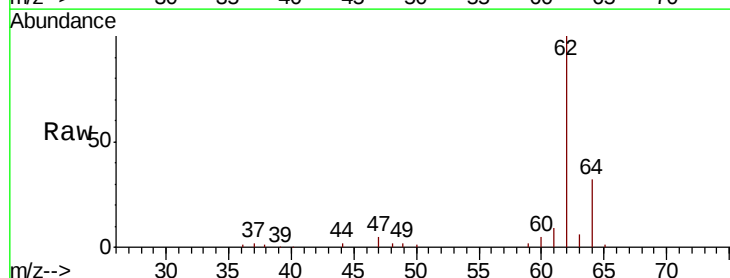
Acq: 05 Dec 2018 14:01

Tgt Ion: 62 Resp: 44793

Ion Ratio Lower Upper

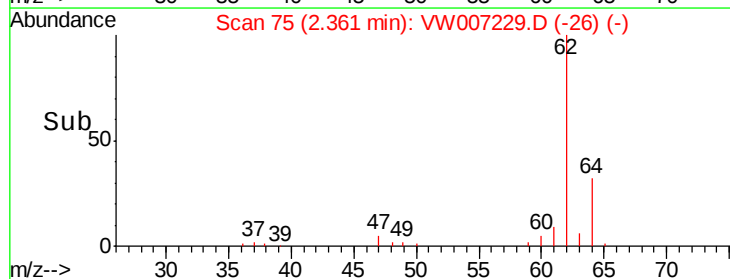
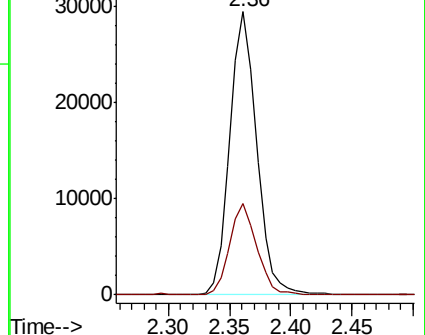
62 100

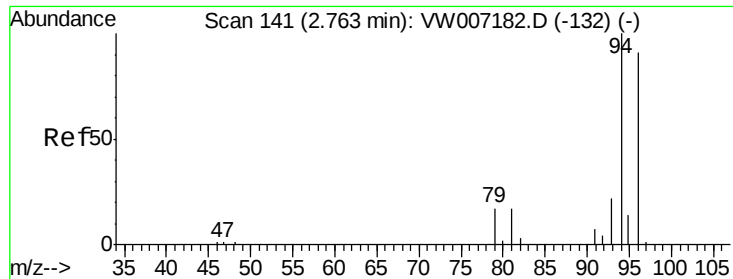
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 58.112 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW007229.D

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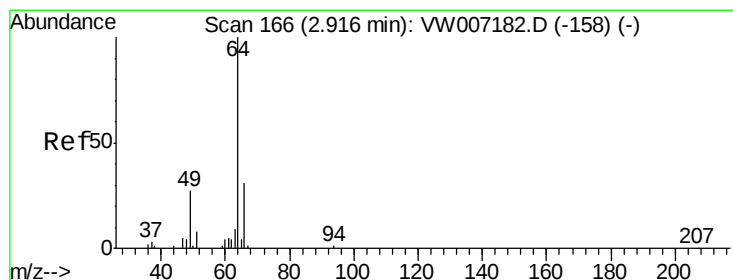
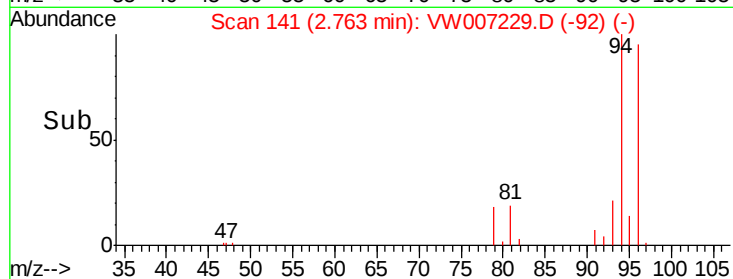
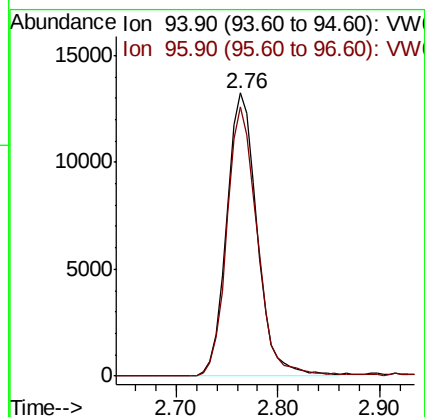
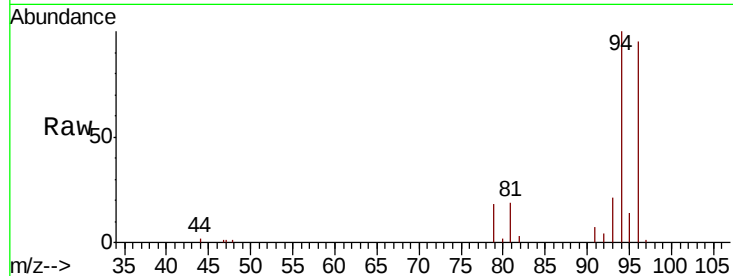
VSTDCCC050

Tot Ion: 94 Resp: 27441

Ion Ratio Lower Upper

94 100

96 95.1 72.8 109.2



#6

Chloroethane

Concen: 46.984 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007229.D

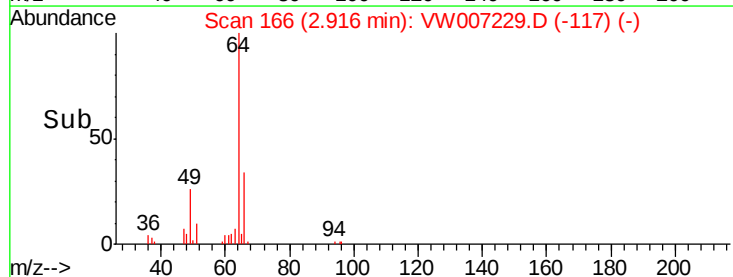
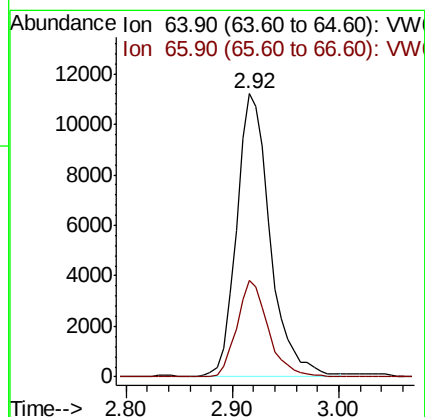
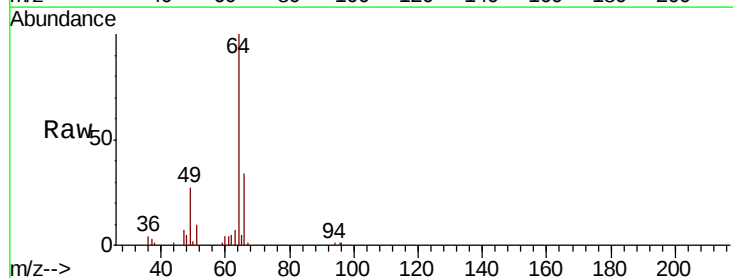
Acq: 05 Dec 2018 14:01

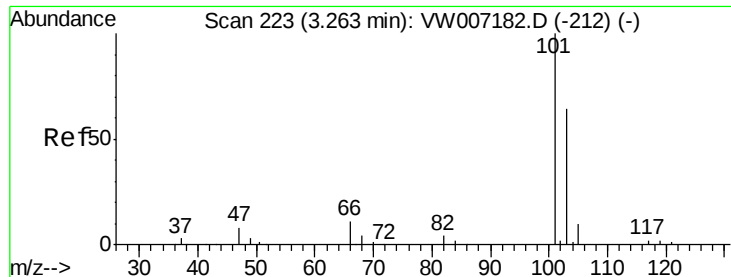
Tgt Ion: 64 Resp: 24842

Ion Ratio Lower Upper

64 100

66 33.9 25.0 37.6



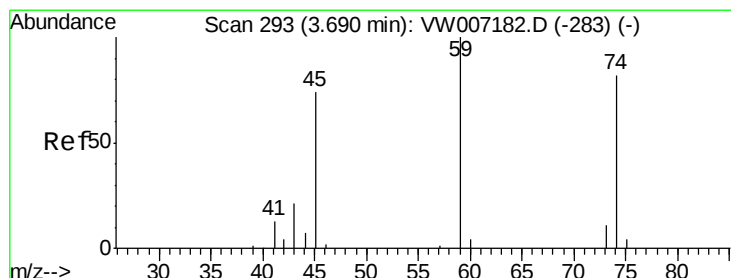
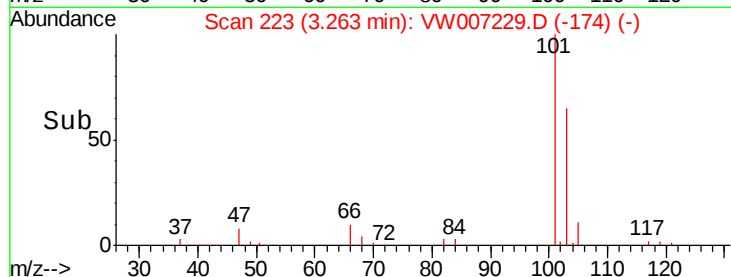
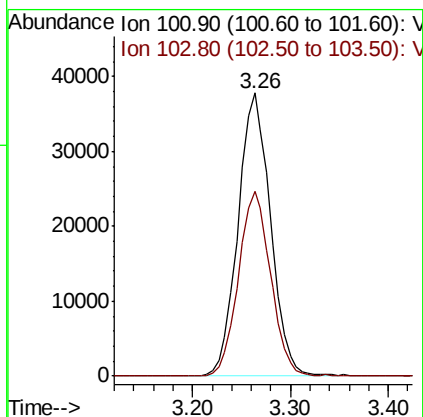
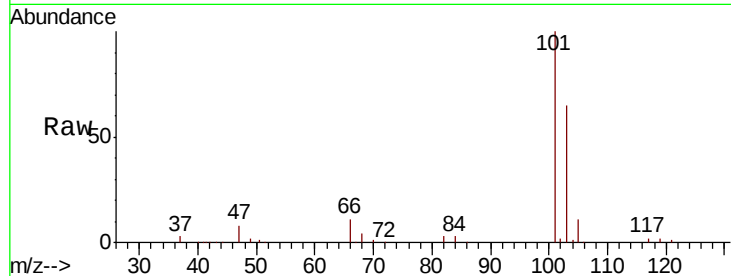


#7

Trichlorofluoromethane
 Concen: 47.338 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

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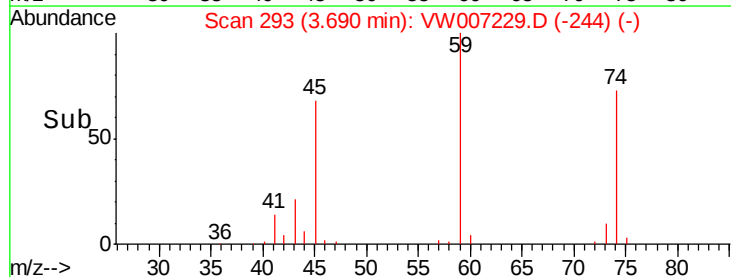
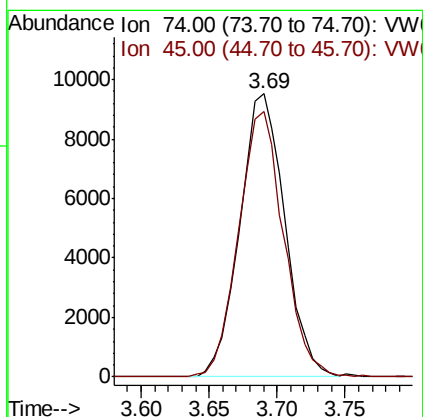
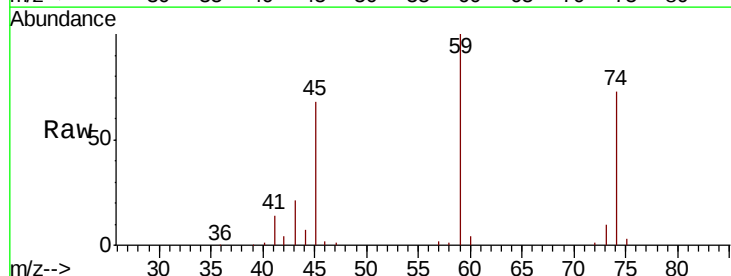
Tot Ion:101 Resp: 86970
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.9 76.3

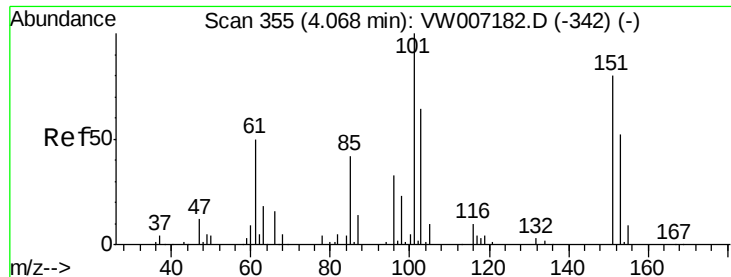


#8

Diethyl Ether
 Concen: 42.965 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 74 Resp: 22003
 Ion Ratio Lower Upper
 74 100
 45 93.9 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.729 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007229.D

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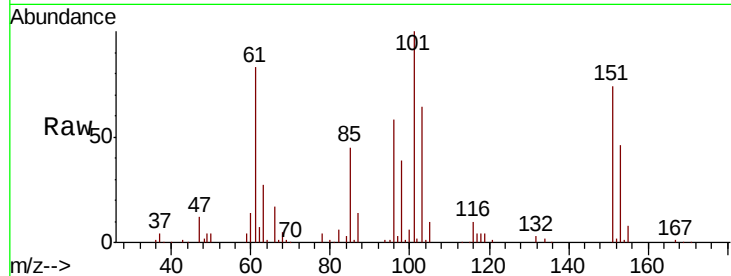
Tot Ion:101 Resp: 51861

Ion Ratio Lower Upper

101 100

85 42.7 33.4 50.2

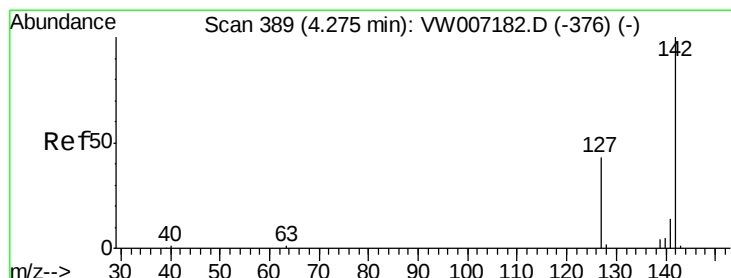
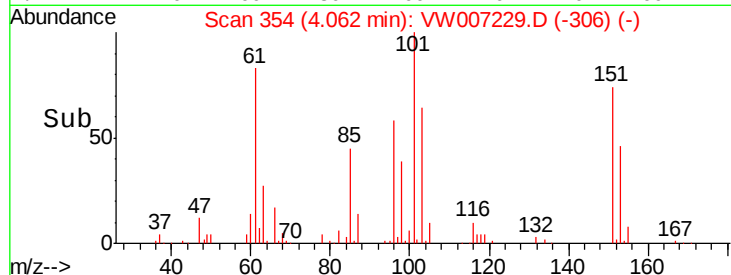
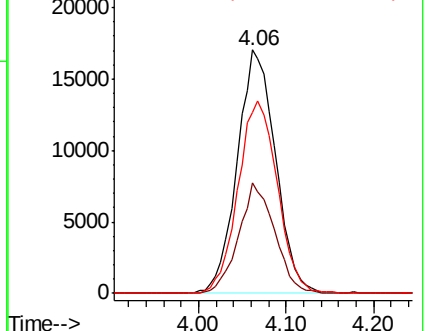
151 81.2 63.9 95.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 34.270 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

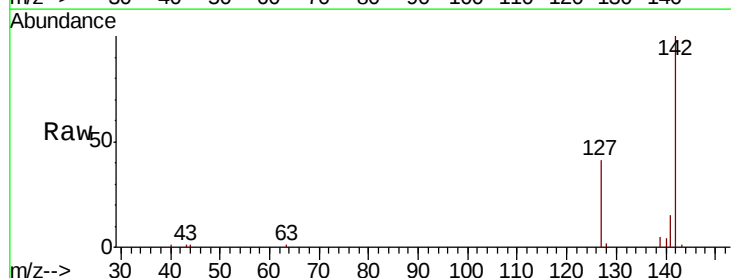
Tgt Ion:142 Resp: 32400

Ion Ratio Lower Upper

142 100

127 42.9 34.9 52.3

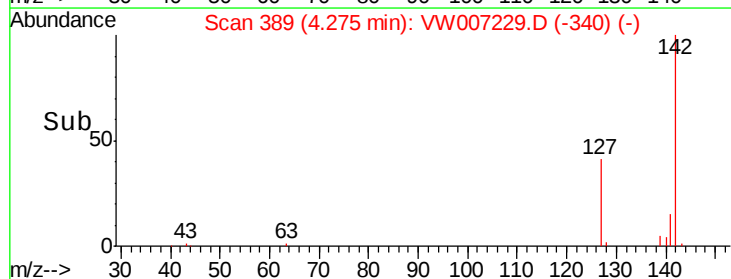
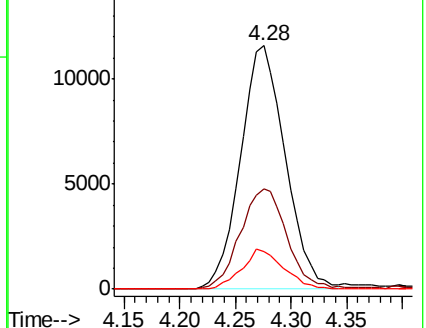
141 15.2 11.7 17.5

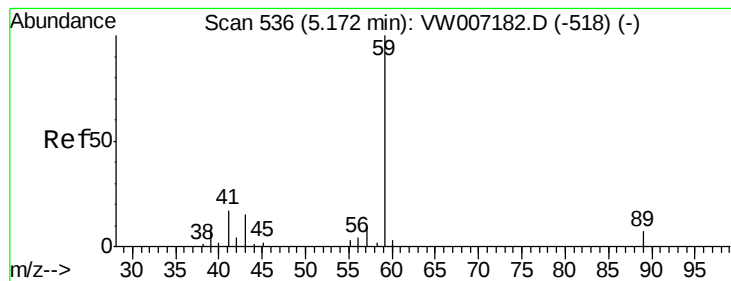


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



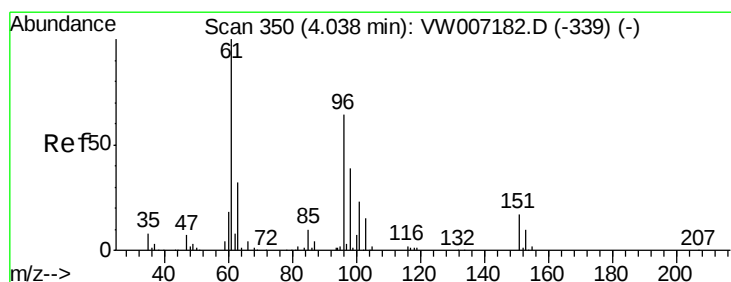
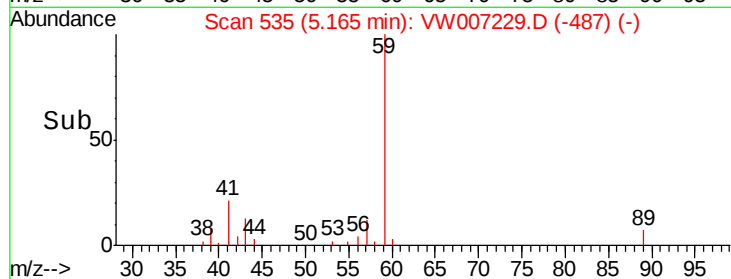
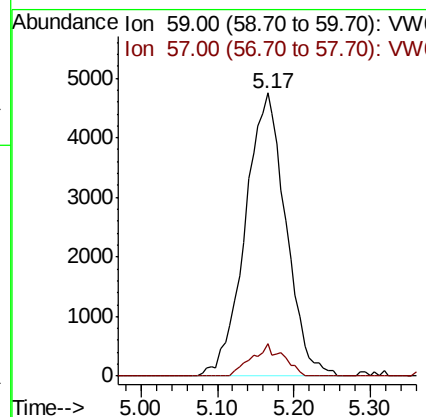
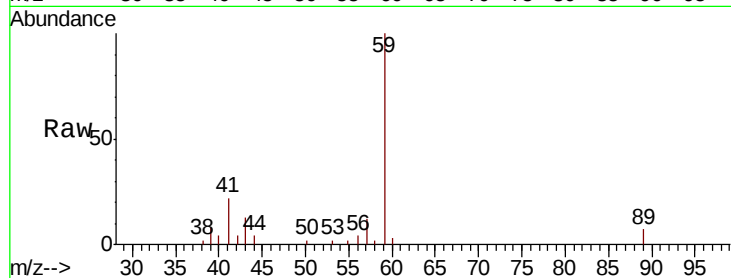


#11

Tert butyl alcohol
 Concen: 175.918 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

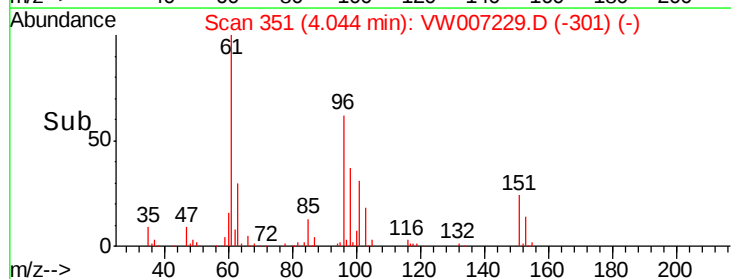
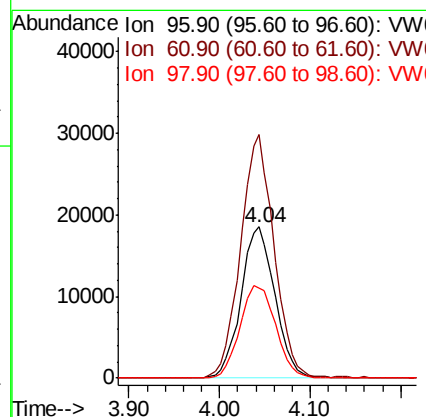
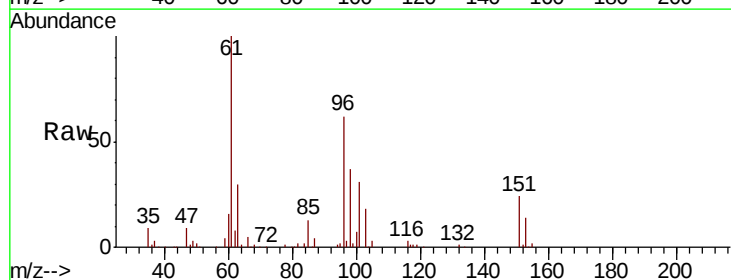
Tot Ion: 59 Resp: 17524
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.1 10.7

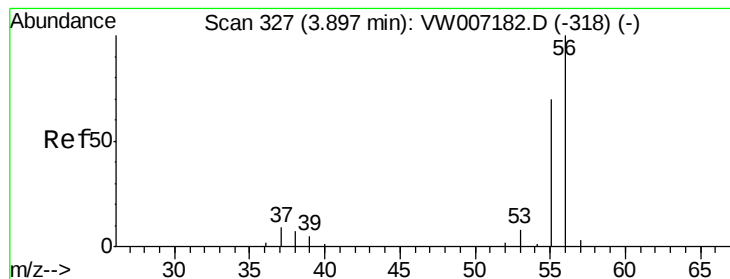


#12

1,1-Dichloroethene
 Concen: 46.258 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 96 Resp: 48112
 Ion Ratio Lower Upper
 96 100
 61 161.1 124.1 186.1
 98 59.7 48.6 72.8





#13

Acrolein

Concen: 242.106 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

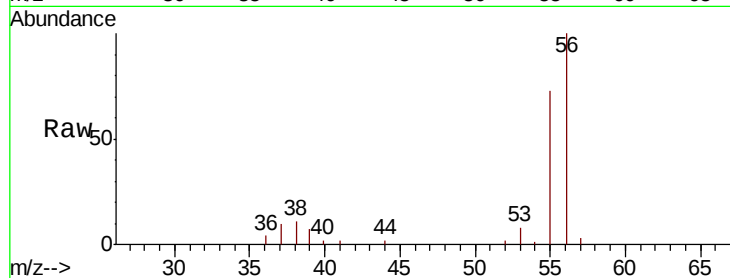
VSTDCCC050

Tot Ion: 56 Resp: 17157

Ion Ratio Lower Upper

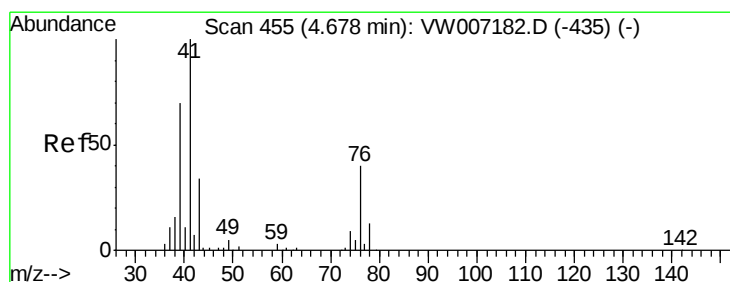
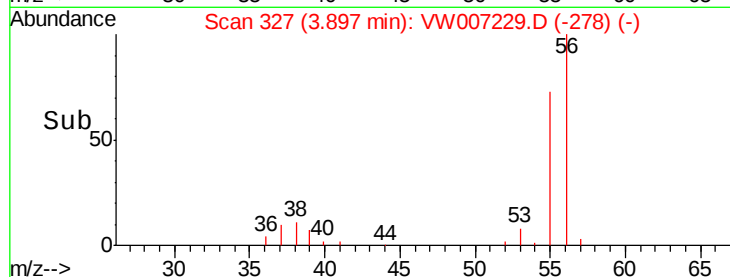
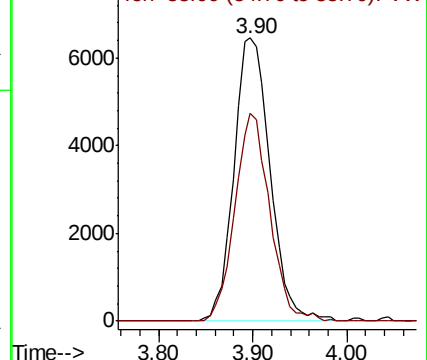
56 100

55 71.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 44.959 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

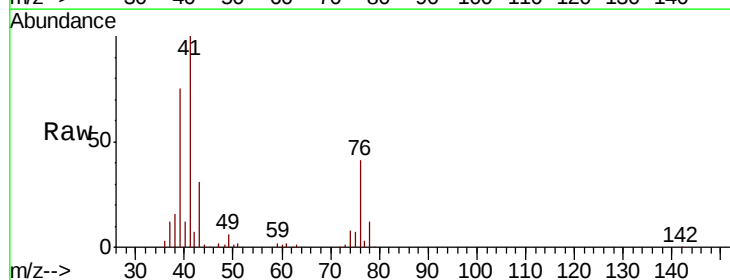
Tgt Ion: 41 Resp: 74953

Ion Ratio Lower Upper

41 100

39 73.8 55.9 83.9

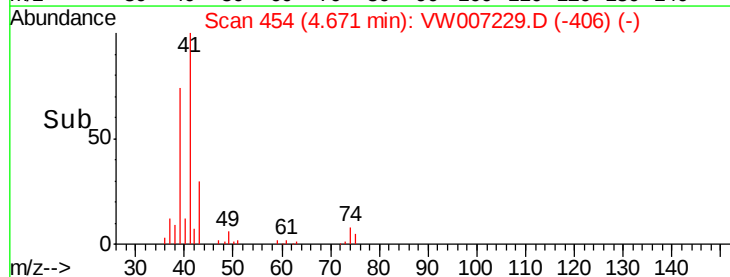
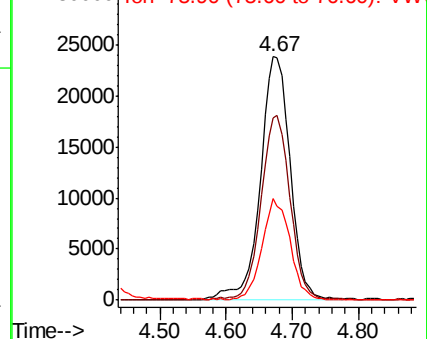
76 39.1 30.8 46.2

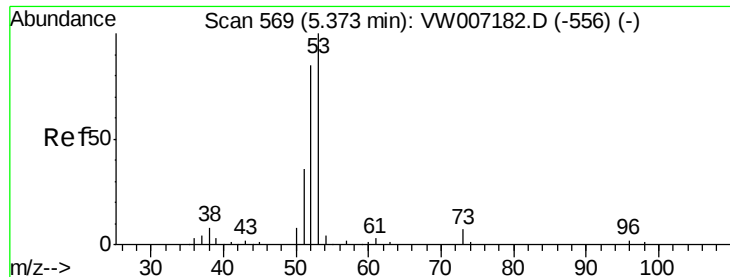


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 213.339 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

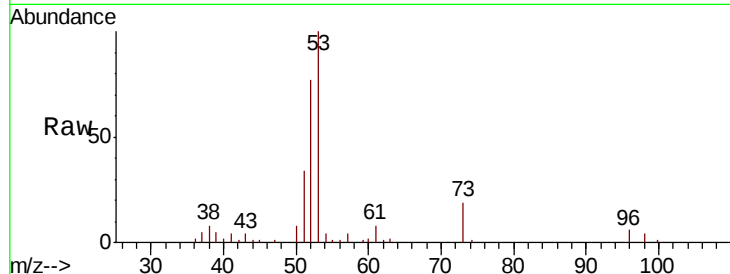
Tot Ion: 53 Resp: 45673

Ion Ratio Lower Upper

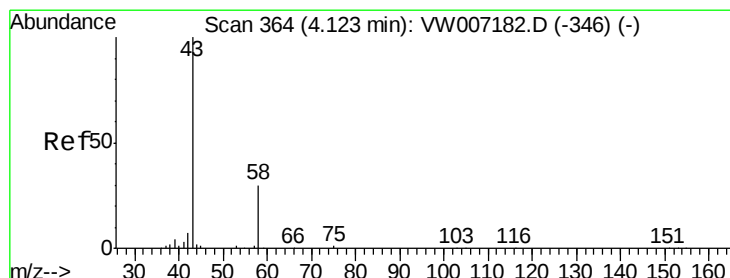
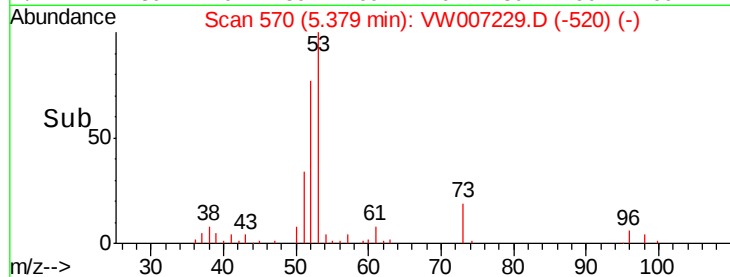
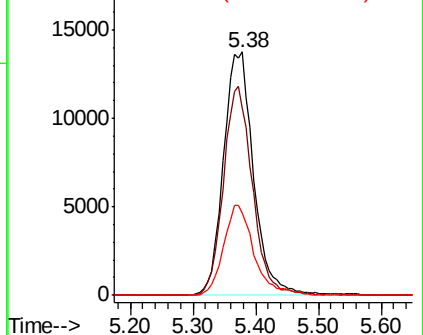
53 100

52 82.5 66.1 99.1

51 37.3 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 216.657 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007229.D

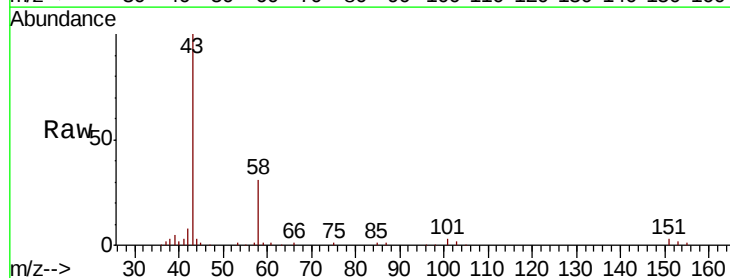
Acq: 05 Dec 2018 14:01

Tgt Ion: 43 Resp: 51873

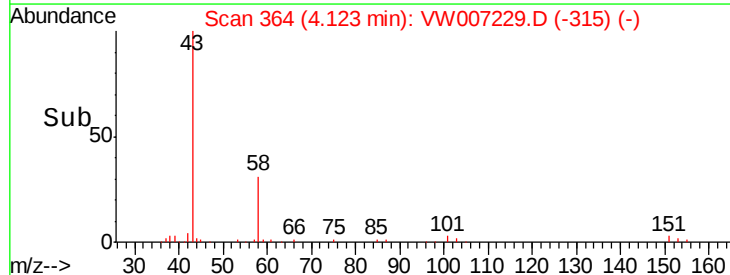
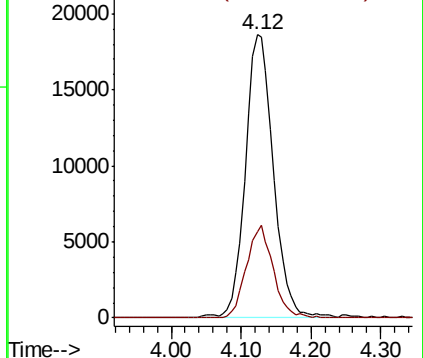
Ion Ratio Lower Upper

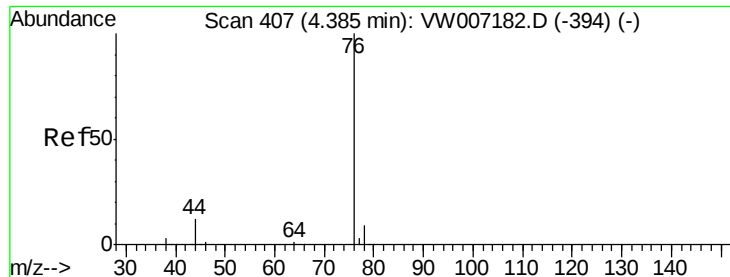
43 100

58 30.6 23.8 35.8



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

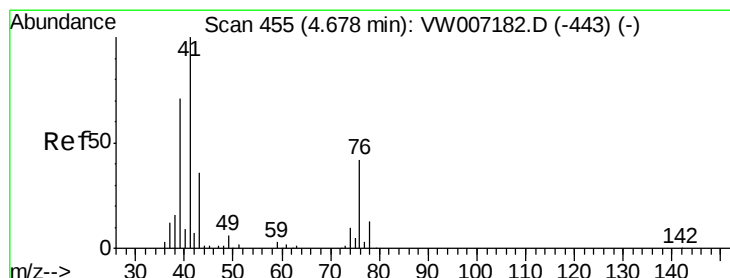
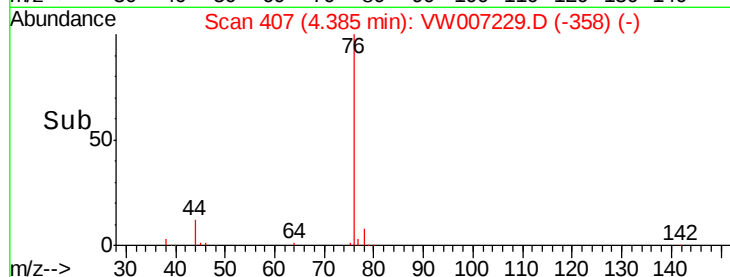
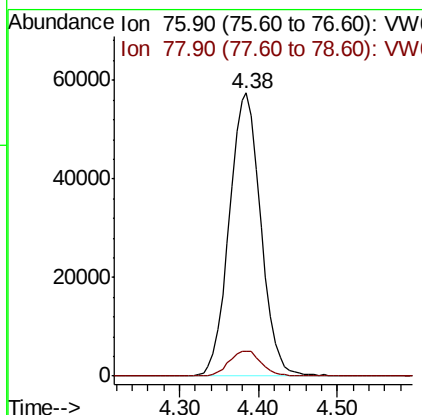
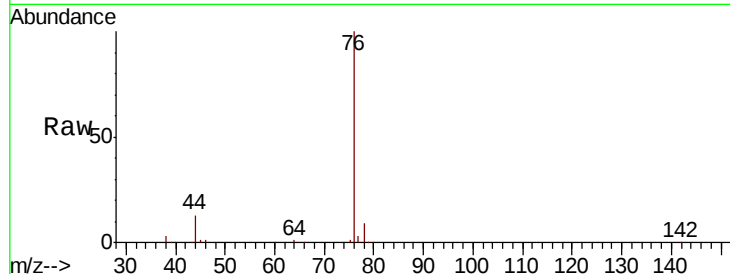




#17
Carbon Disulfide
Concen: 46.493 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

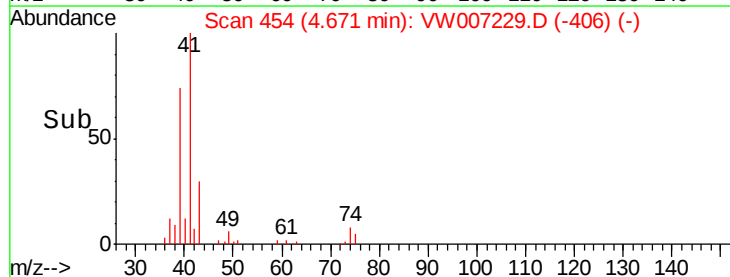
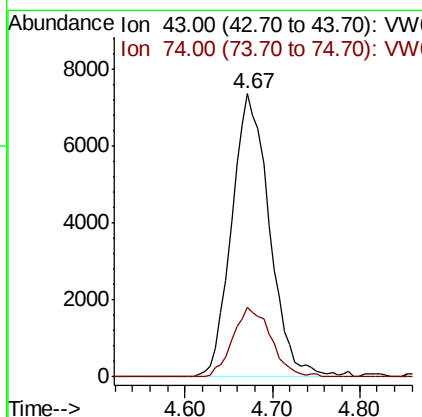
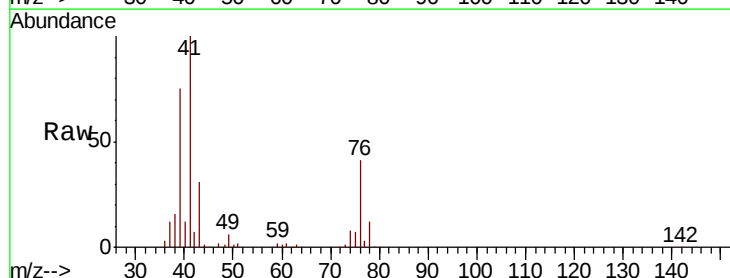
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 159394
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 40.340 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 43 Resp: 22046
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1

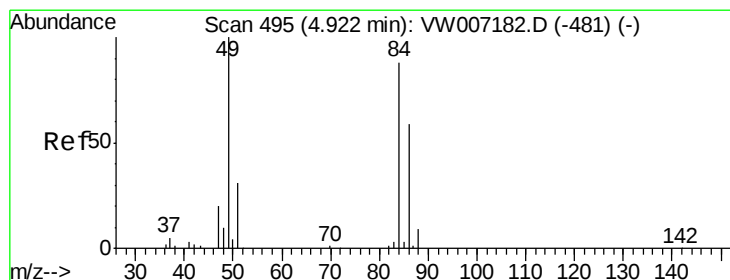
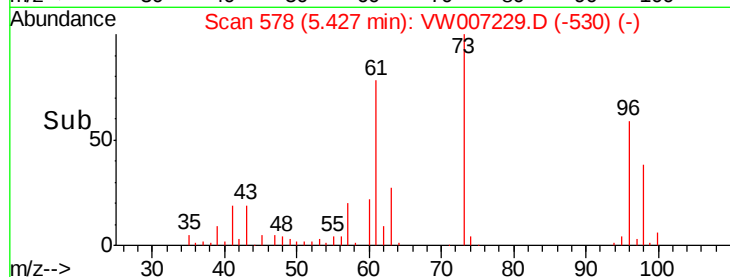
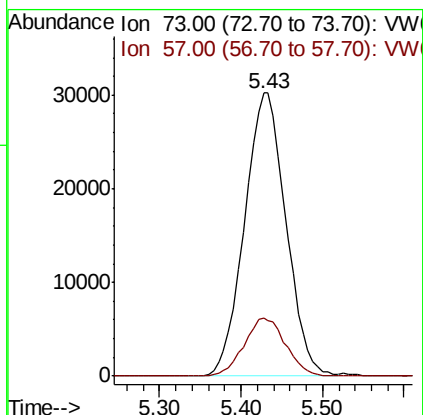
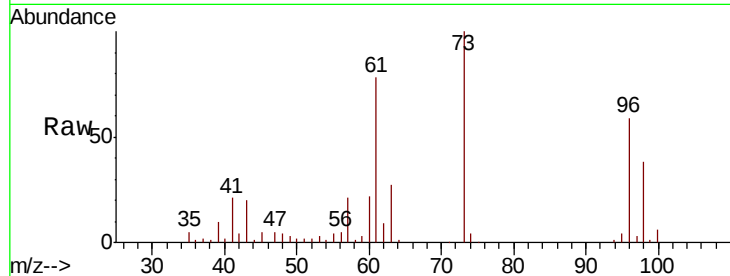




#19
Methvl tert-butvl Ether
Concen: 43.510 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

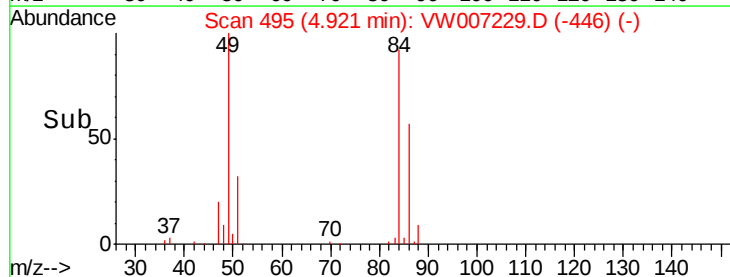
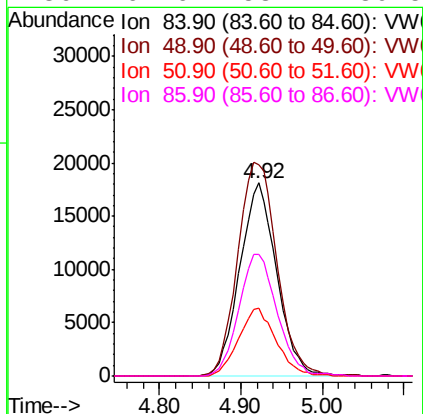
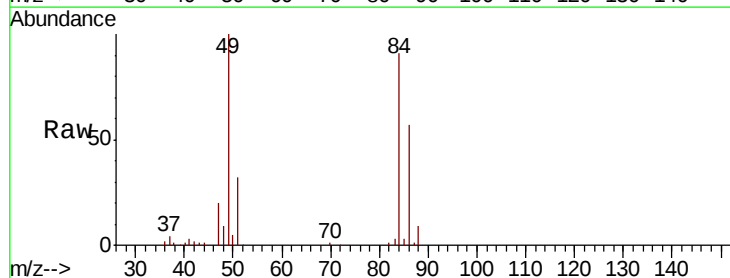
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

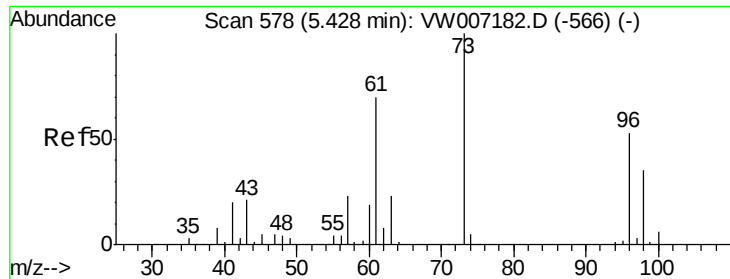
Tot Ion: 73 Resp: 106546
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0



#20
Methylene Chloride
Concen: 46.971 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 84 Resp: 57015
Ion Ratio Lower Upper
84 100
49 109.6 90.6 135.8
51 34.9 27.6 41.4
86 62.6 53.7 80.5

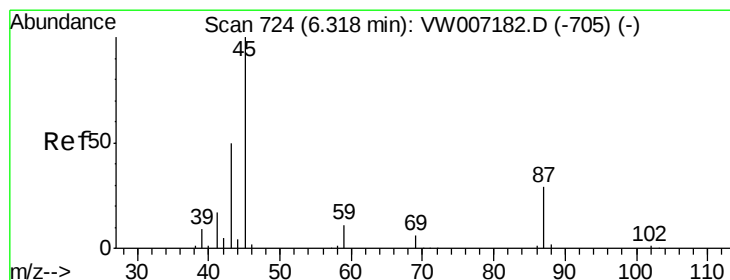
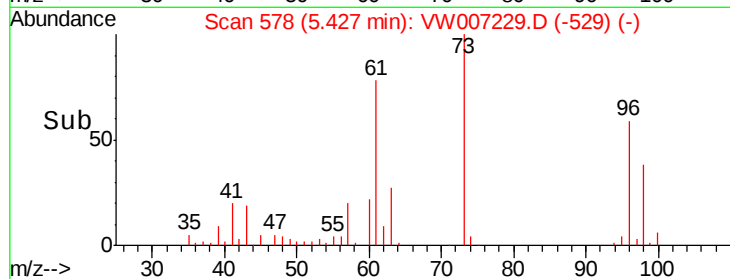
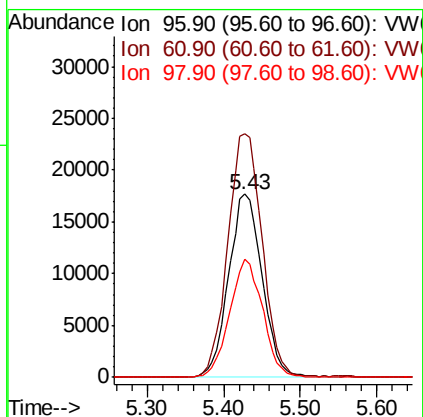
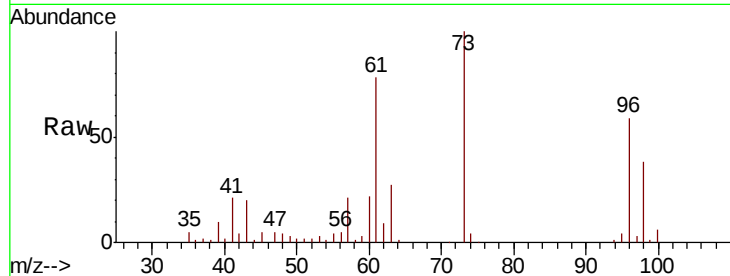




#21
trans-1,2-Dichloroethene
Concen: 46.230 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

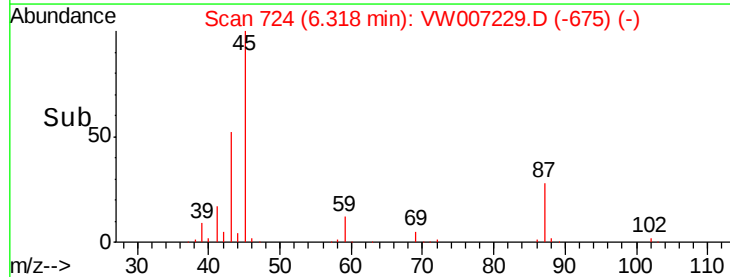
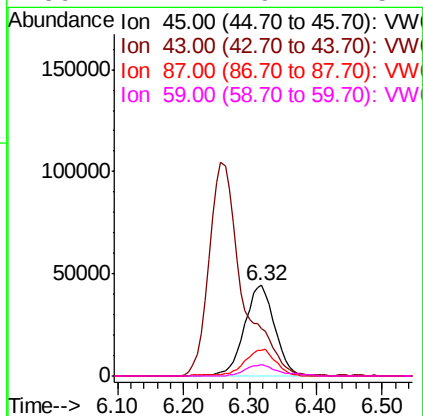
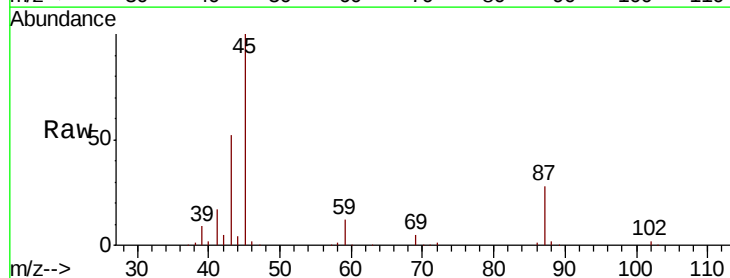
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

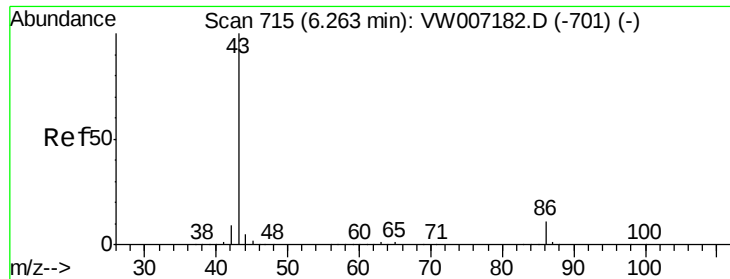
Tot Ion: 96 Resp: 53689
Ion Ratio Lower Upper
96 100
61 133.0 105.5 158.3
98 64.7 52.6 79.0



#22
Diisopropyl ether
Concen: 47.267 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 45 Resp: 141459
Ion Ratio Lower Upper
45 100
43 51.3 40.8 61.2
87 28.0 24.0 36.0
59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 223.040 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

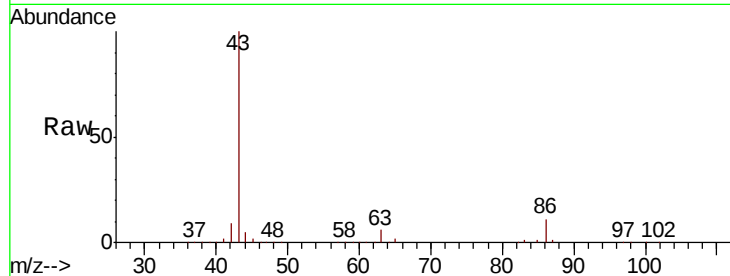
VSTDCCC050

Tot Ion: 43 Resp: 364225

Ion Ratio Lower Upper

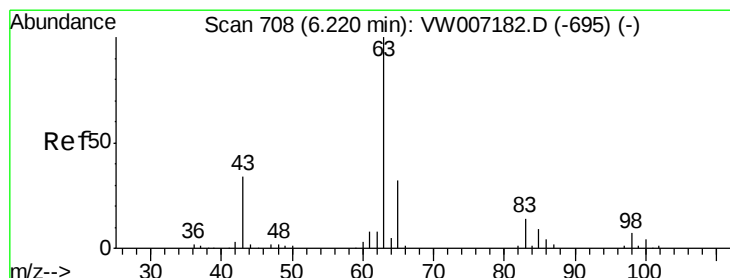
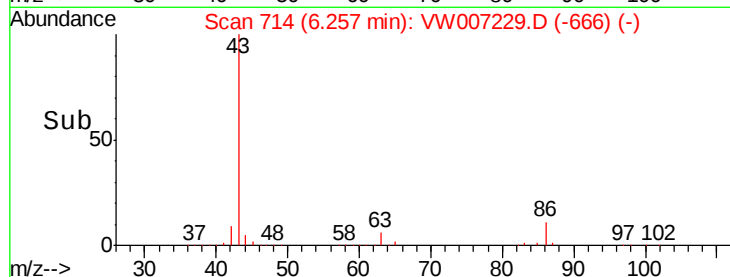
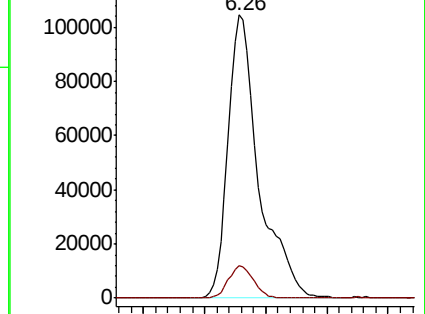
43 100

86 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 47.143 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

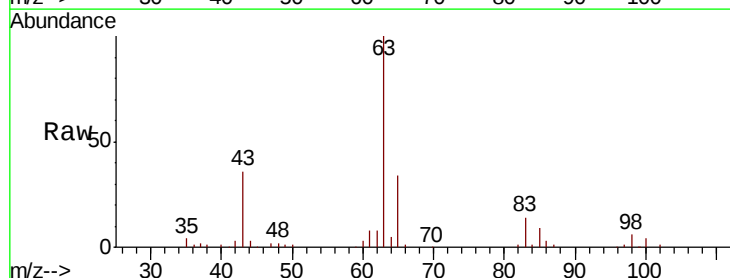
Tgt Ion: 63 Resp: 90429

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

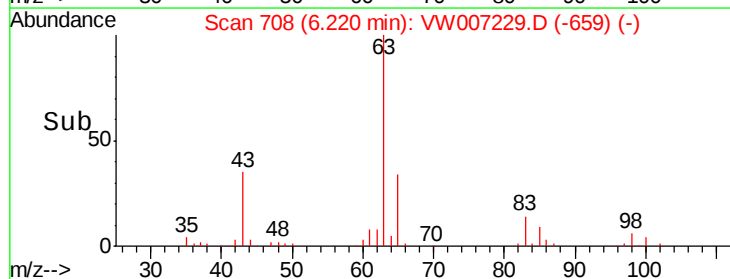
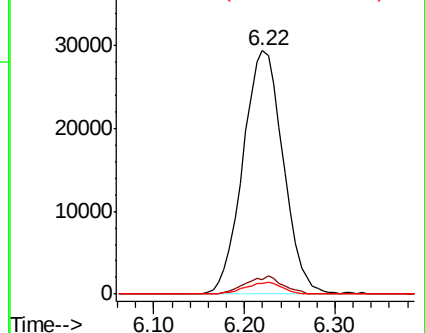
100 4.3 2.1 6.2

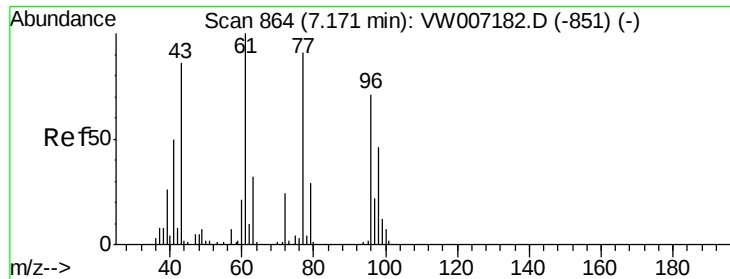


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 204.878 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

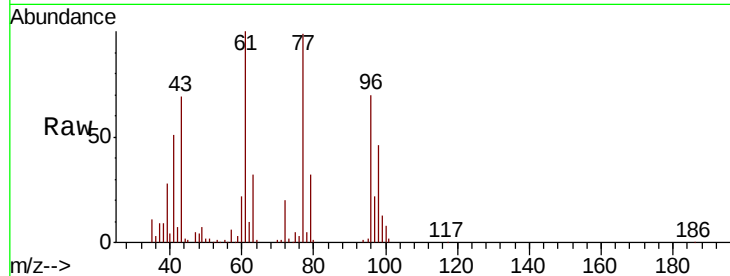
VSTDCCC050

Tot Ion: 43 Resp: 56862

Ion Ratio Lower Upper

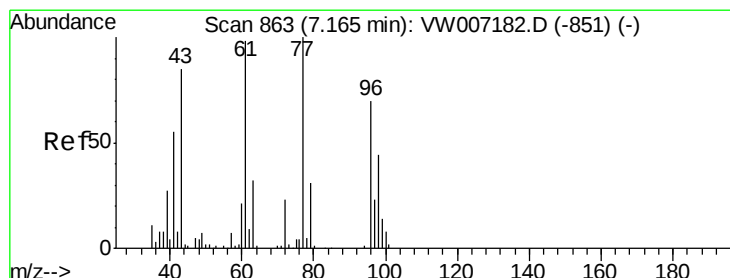
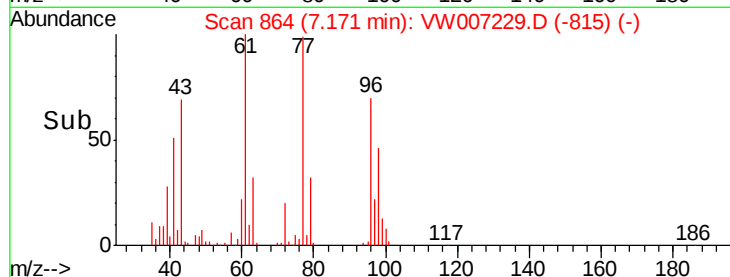
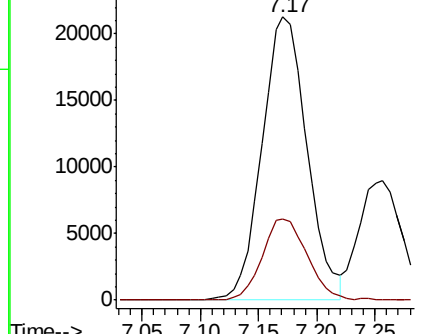
43 100

72 28.9 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 47.961 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007229.D

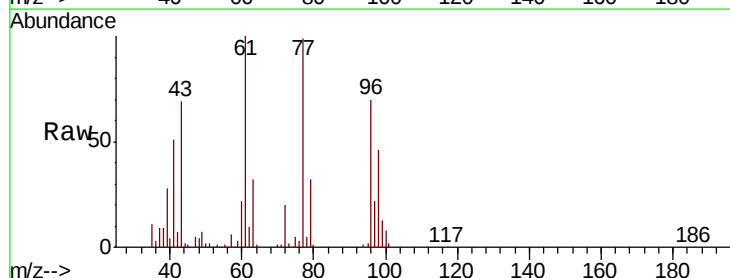
Acq: 05 Dec 2018 14:01

Tgt Ion: 77 Resp: 88408

Ion Ratio Lower Upper

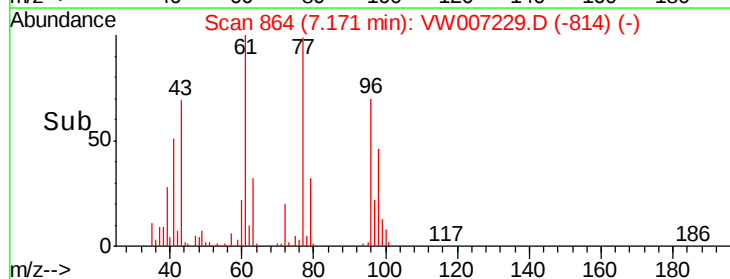
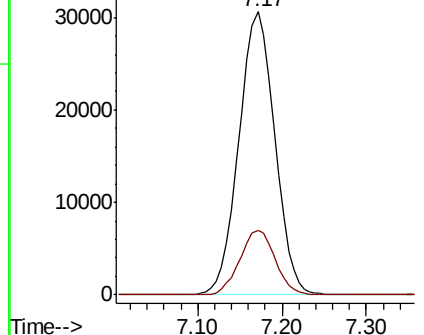
77 100

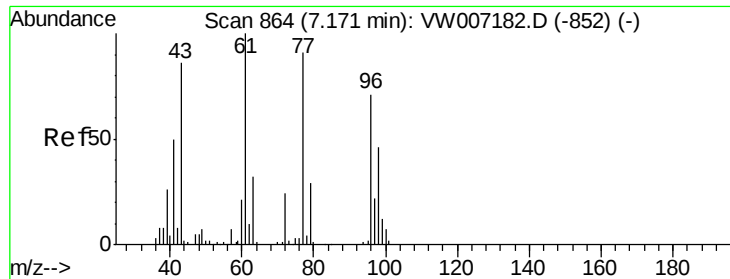
97 22.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



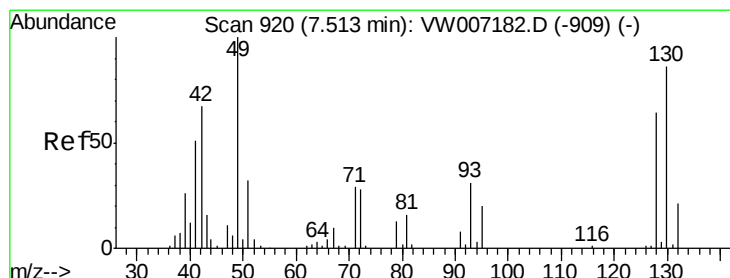
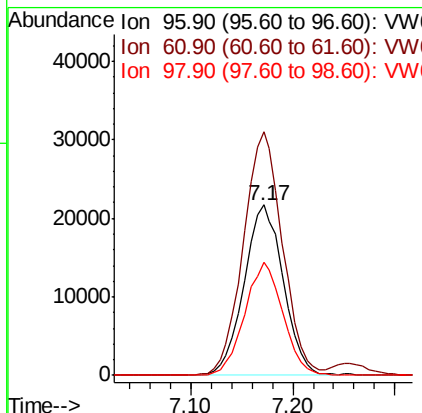
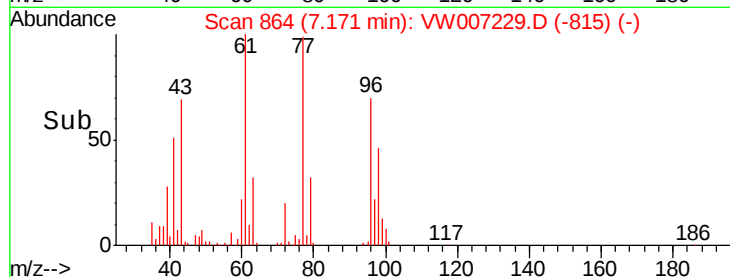
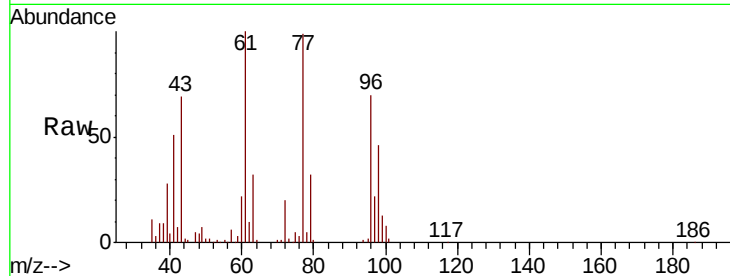


#27

cis-1,2-Dichloroethene
Concen: 46.465 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

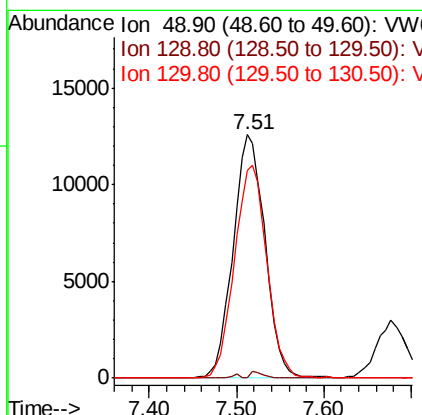
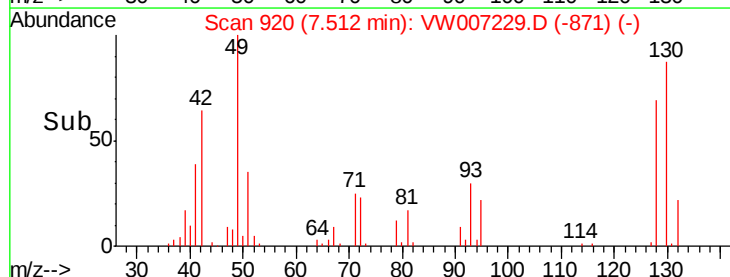
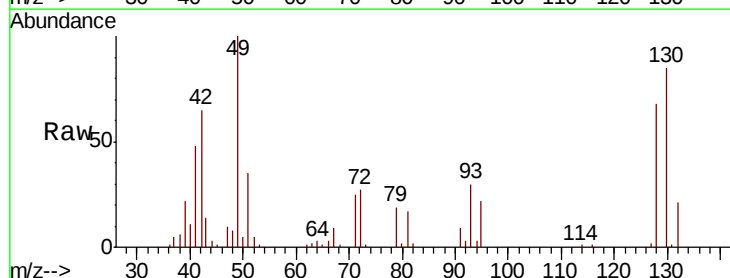
Tot Ion: 96 Resp: 57847
Ion Ratio Lower Upper
96 100
61 142.6 0.0 282.4
98 64.8 0.0 129.8

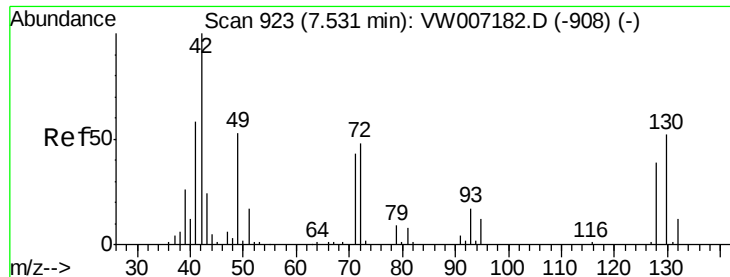


#28

Bromochloromethane
Concen: 46.100 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 49 Resp: 31886
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.8
130 88.7 70.3 105.5

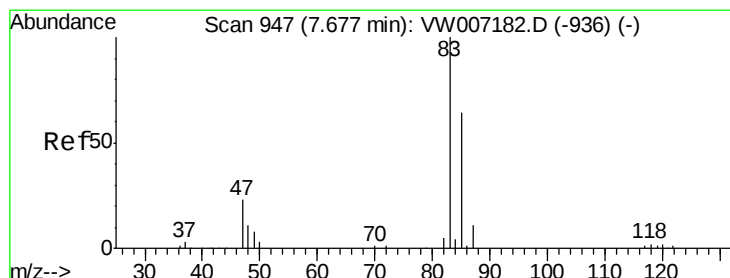
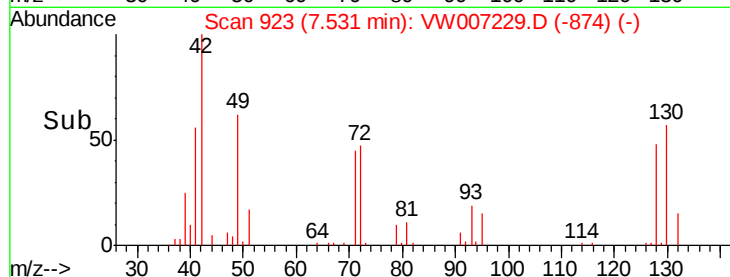
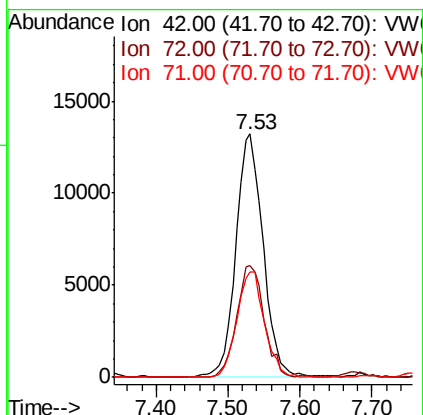
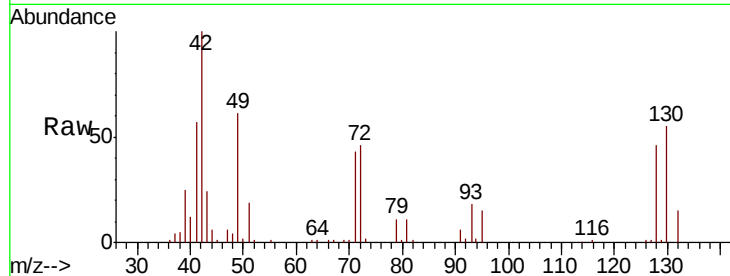




#29
Tetrahydrofuran
Concen: 202.876 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

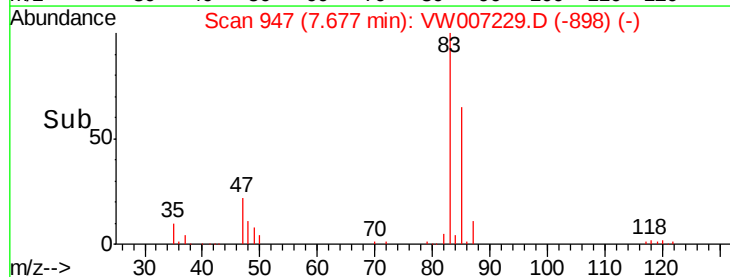
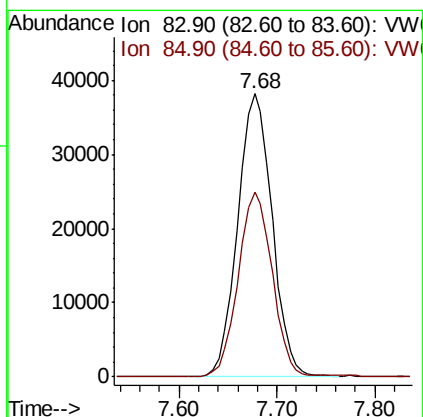
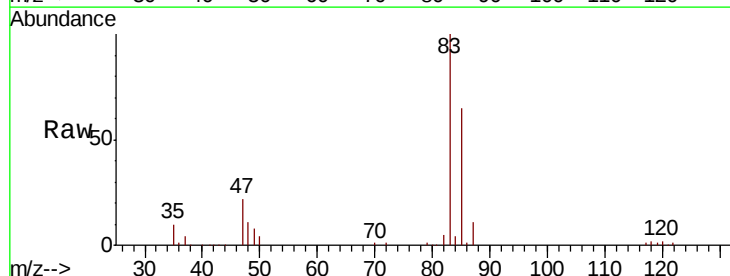
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

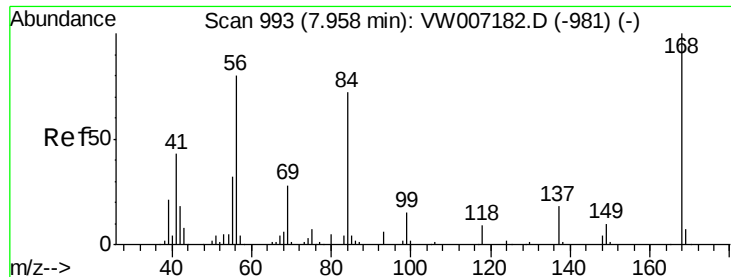
Tot Ion: 42 Resp: 34795
Ion Ratio Lower Upper
42 100
72 45.8 36.6 55.0
71 43.4 34.8 52.2



#30
Chloroform
Concen: 46.798 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 83 Resp: 93293
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3

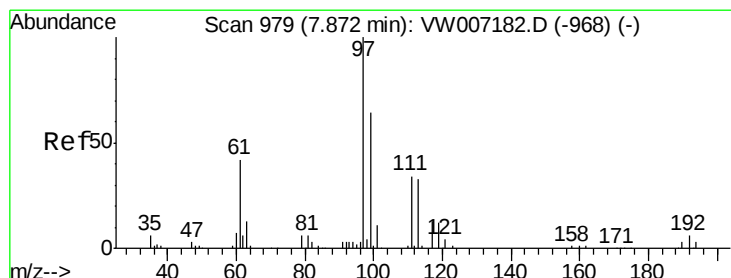
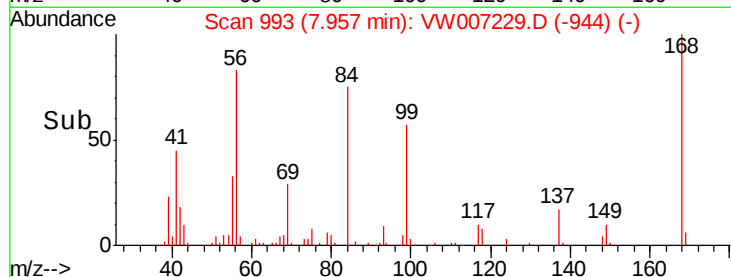
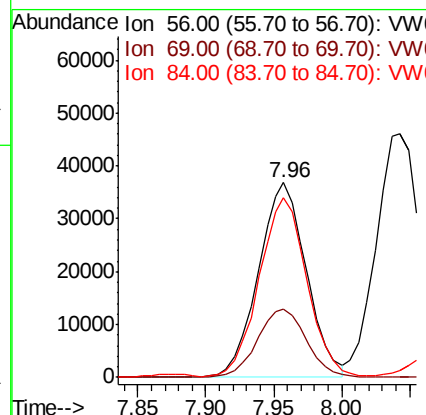
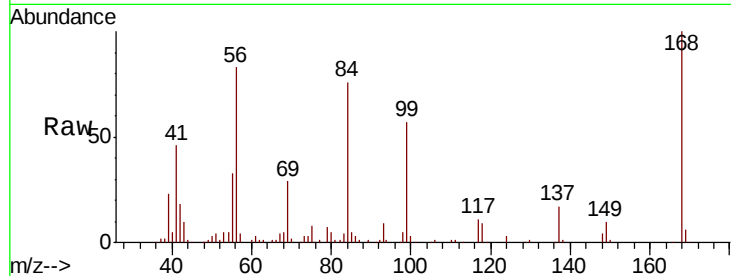




#31
Cyclohexane
Concen: 45.148 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

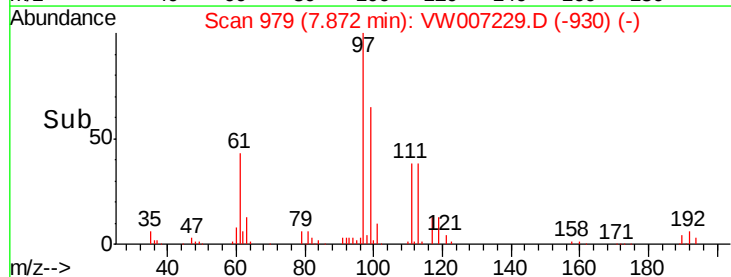
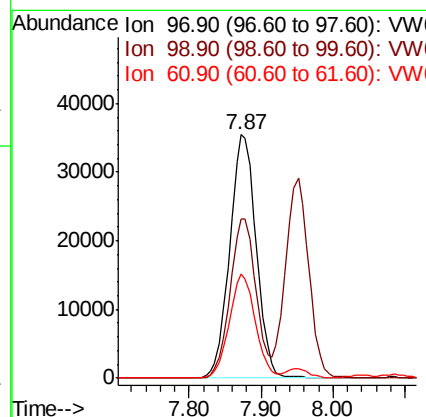
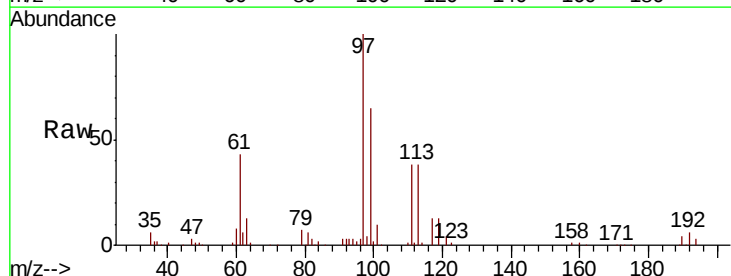
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

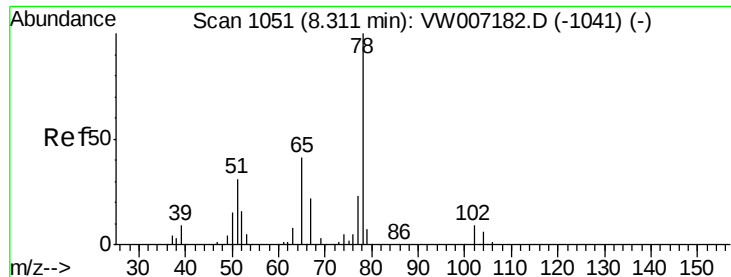
Tot Ion: 56 Resp: 90611
Ion Ratio Lower Upper
56 100
69 35.2 28.2 42.2
84 91.6 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 48.243 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 97 Resp: 90508
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 42.2 33.2 49.8

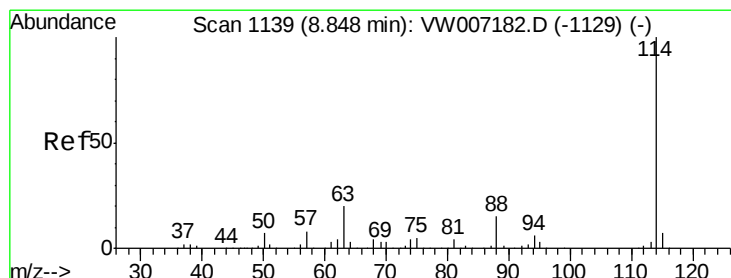
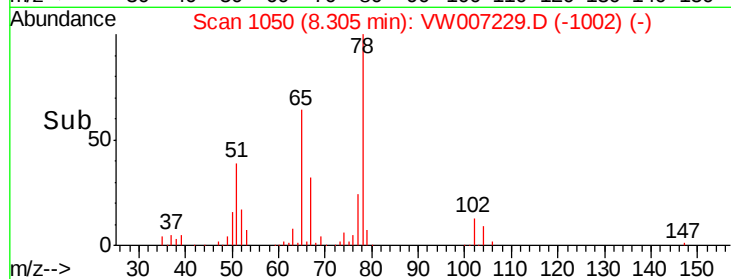
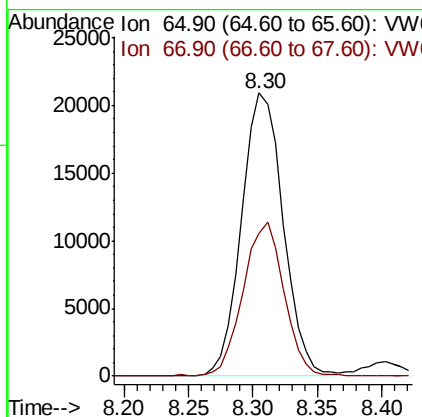
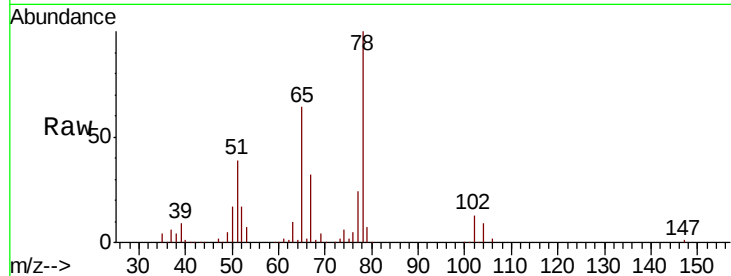




#33
 1,2-Dichloroethane-d4
 Concen: 46.441 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

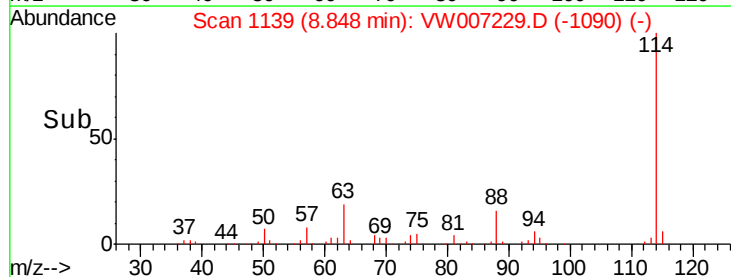
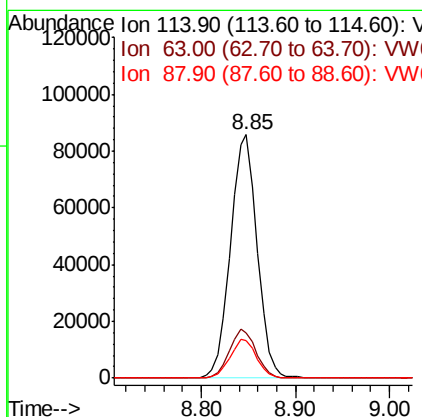
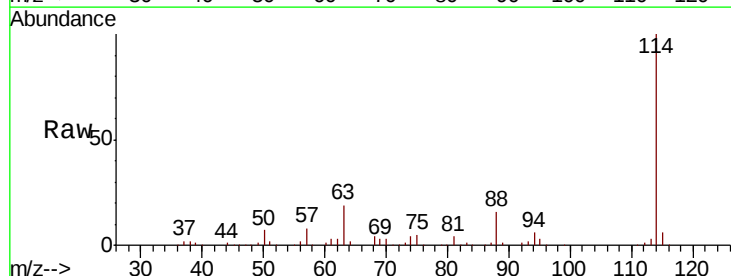
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

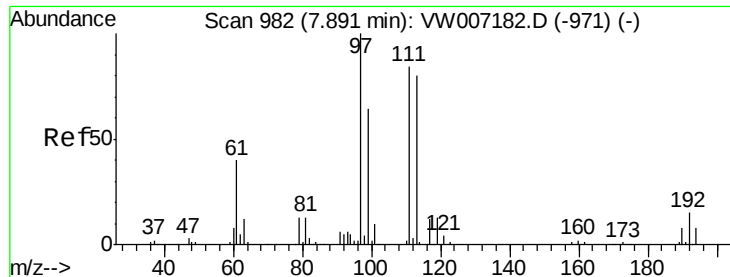
Tot Ion: 65 Resp: 46969
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 114 Resp: 167970
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.2
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.348 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

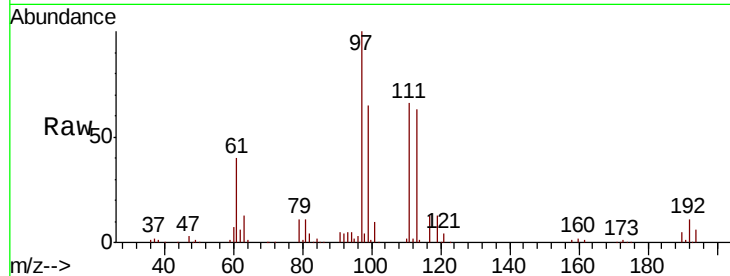
Tot Ion:113 Resp: 46501

Ion Ratio Lower Upper

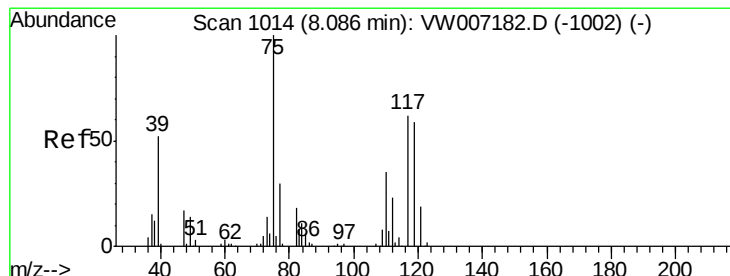
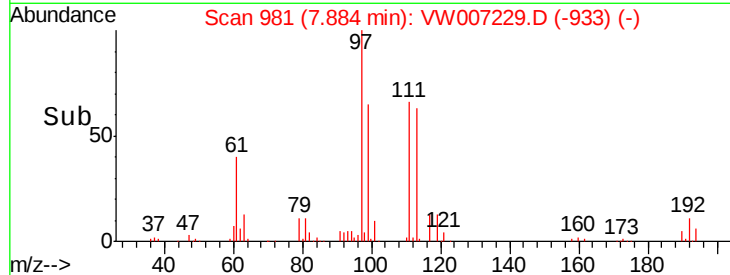
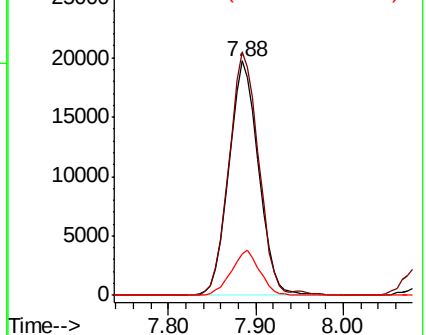
113 100

111 104.5 82.2 123.4

192 18.2 14.4 21.6



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: 48.018 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

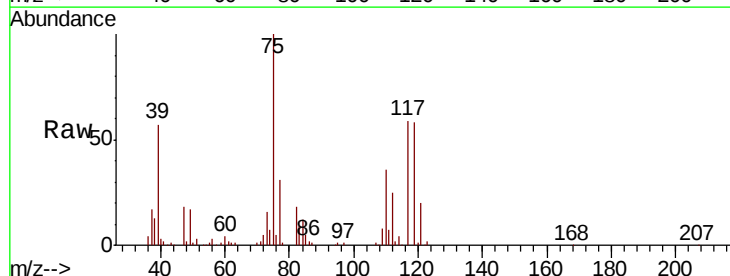
Tgt Ion: 75 Resp: 78479

Ion Ratio Lower Upper

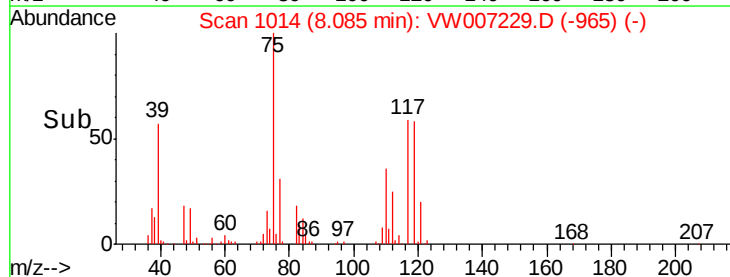
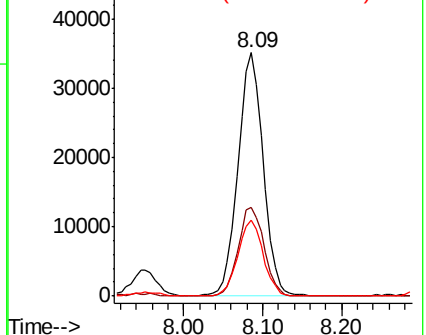
75 100

110 37.1 18.3 54.9

77 31.3 24.9 37.3



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

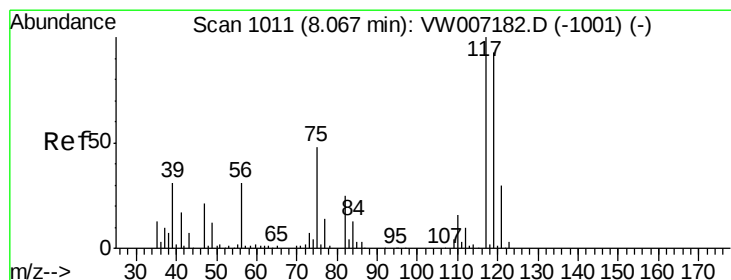
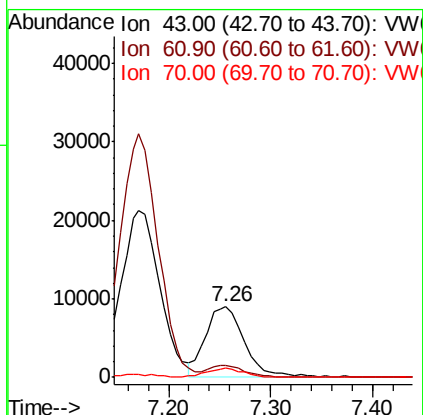
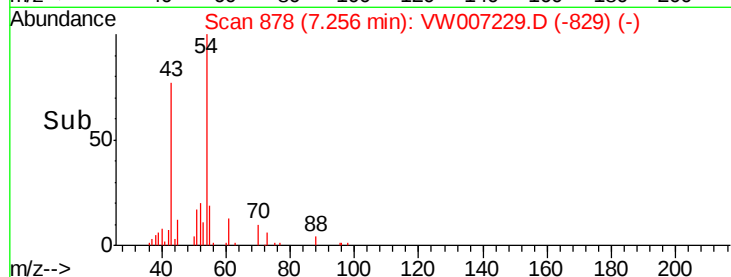
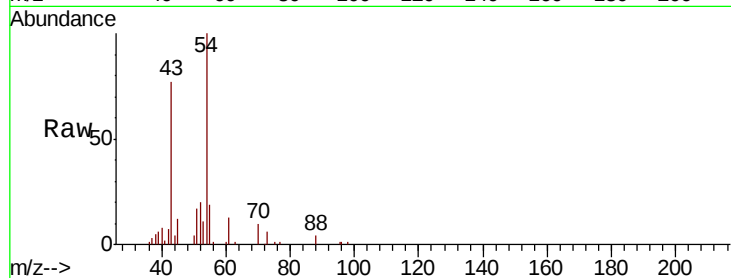




#37
Ethyl Acetate
Concen: 39.757 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

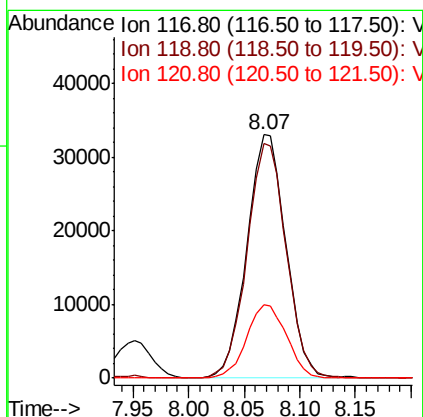
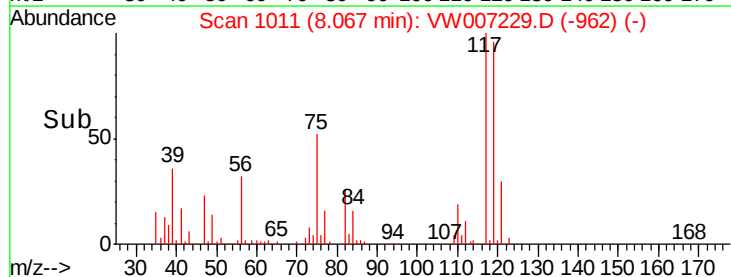
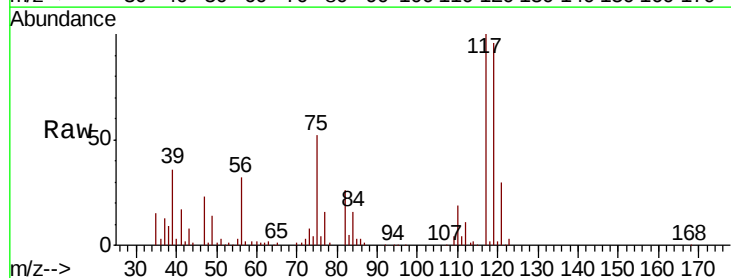
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

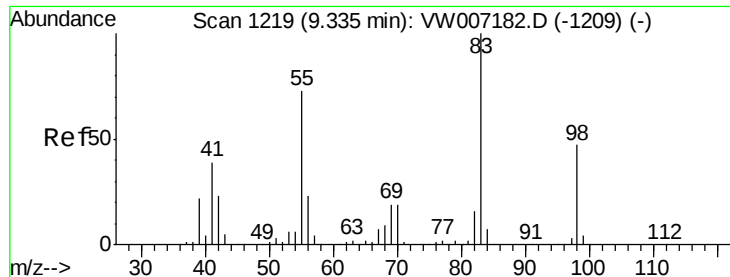
Tot Ion: 43 Resp: 23504
Ion Ratio Lower Upper
43 100
61 15.8 12.1 18.1
70 12.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 48.089 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 117 Resp: 80220
Ion Ratio Lower Upper
117 100
119 96.5 74.1 111.1
121 30.0 23.9 35.9

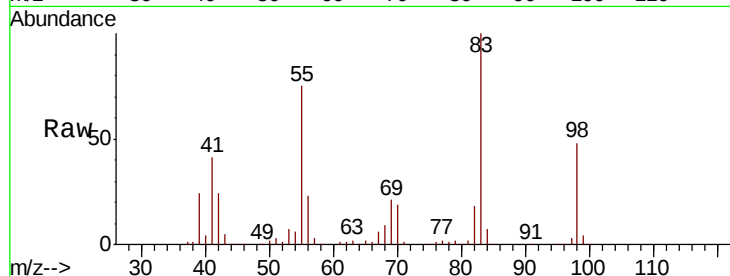




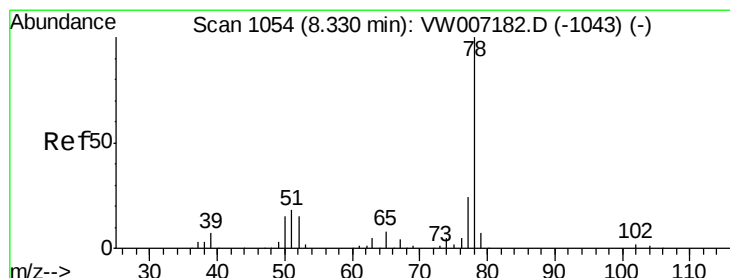
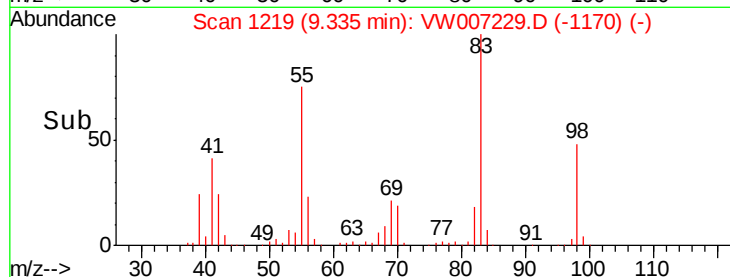
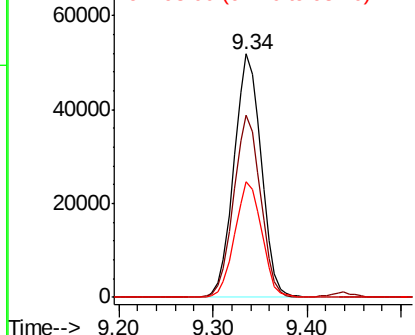
#39
Methvlcvclohexane
Concen: 47.611 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 104169
Ion Ratio Lower Upper
83 100
55 74.6 58.1 87.1
98 47.6 37.3 55.9

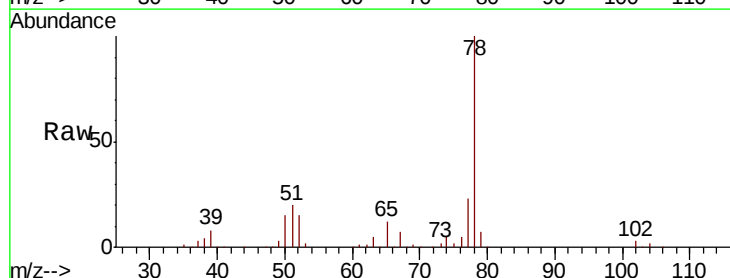


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

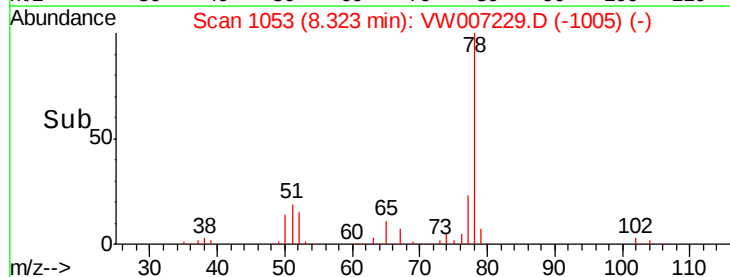
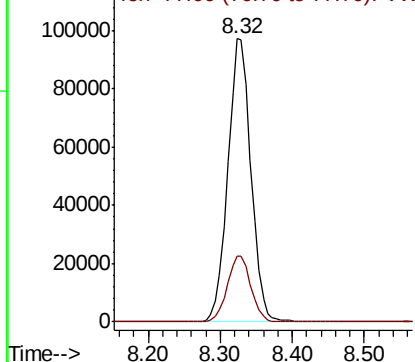


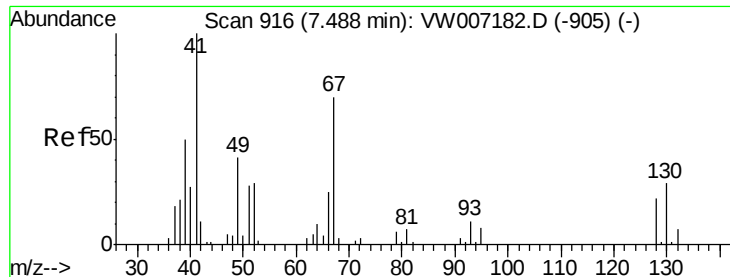
#40
Benzene
Concen: 48.394 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 78 Resp: 216886
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

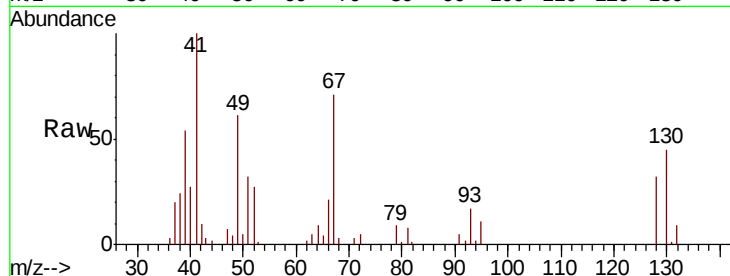




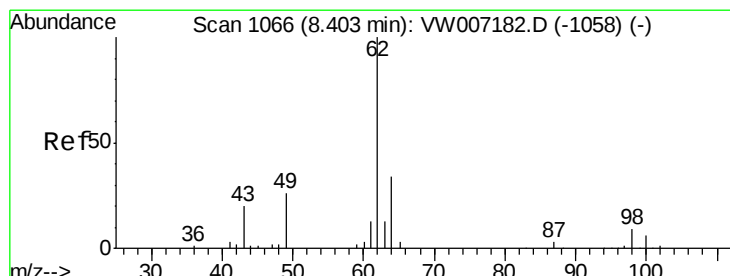
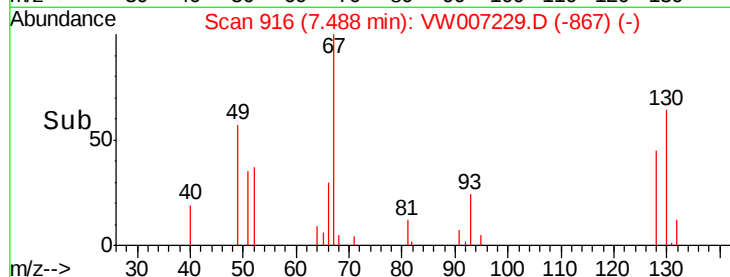
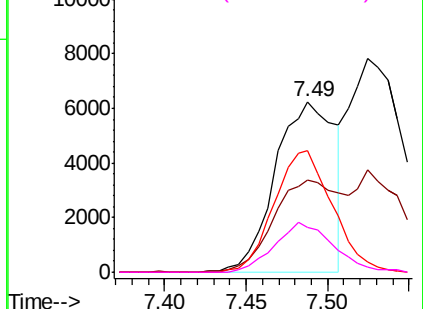
#41
Methacrylonitrile
Concen: 44.926 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	15909
Ion	Ratio	Lower	Upper
41	100		
39	62.5	43.4	65.0
67	69.3	57.4	86.0
52	28.6	23.3	34.9

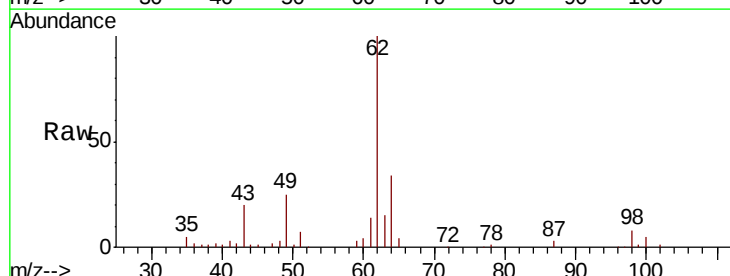


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

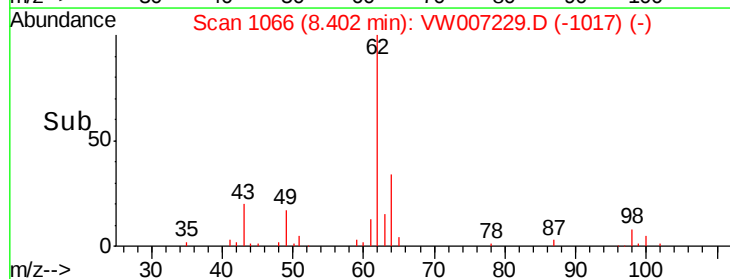
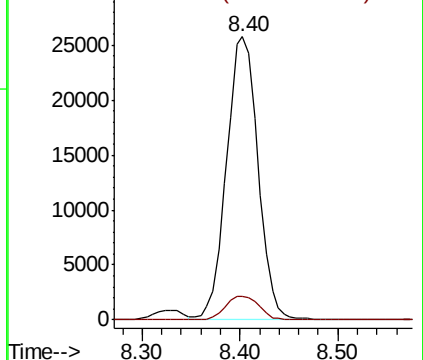


#42
1,2-Dichloroethane
Concen: 46.101 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion:	62	Resp:	57743
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 42.107 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

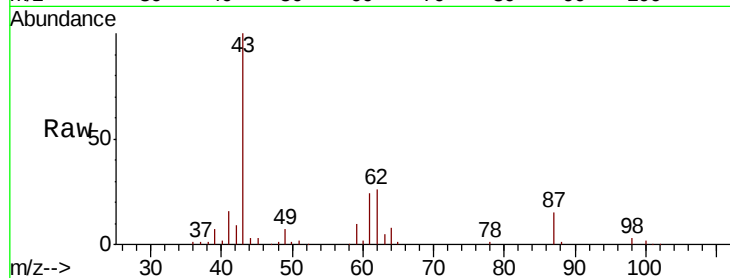
Tot Ion: 43 Resp: 48348

Ion Ratio Lower Upper

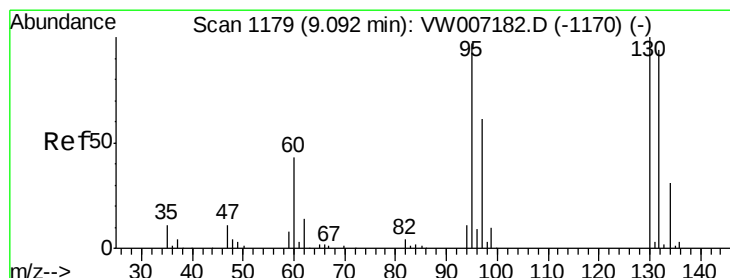
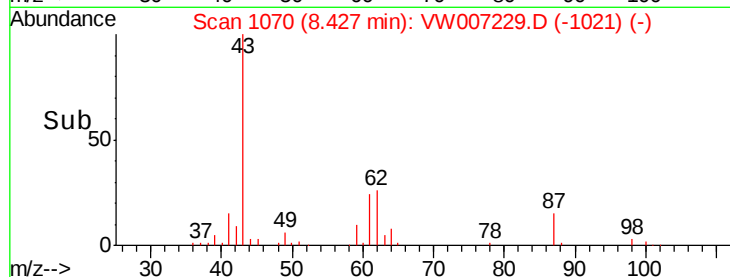
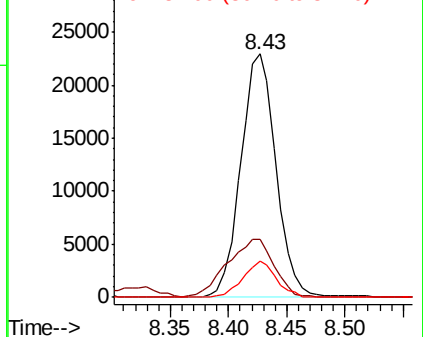
43 100

61 31.6 25.4 38.0

87 14.2 11.4 17.0



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



#44

Trichloroethene

Concen: 49.063 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007229.D

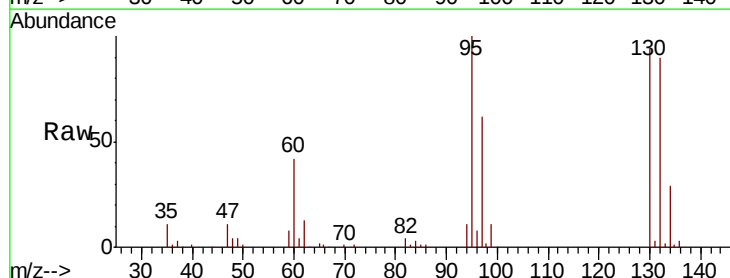
Acq: 05 Dec 2018 14:01

Tgt Ion: 130 Resp: 61807

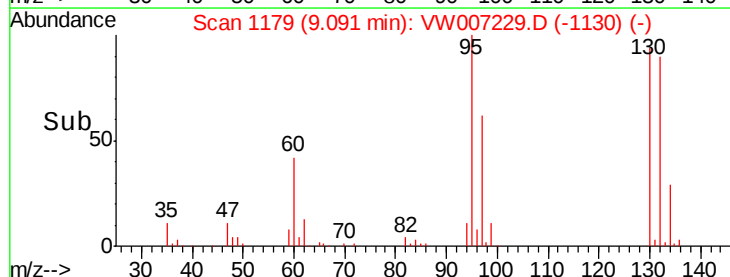
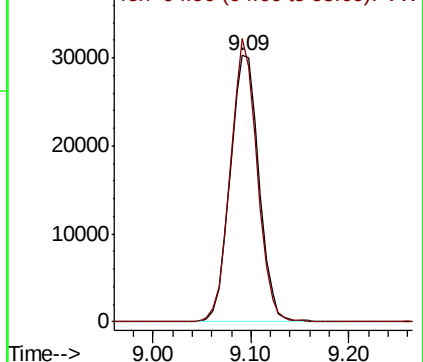
Ion Ratio Lower Upper

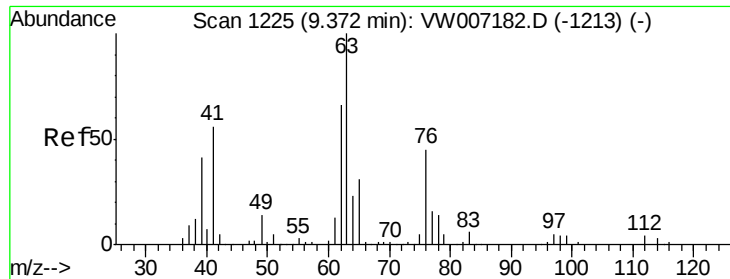
130 100

95 106.2 0.0 194.0



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





#45

1,2-Dichloropropane

Concen: 47.572 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampled :

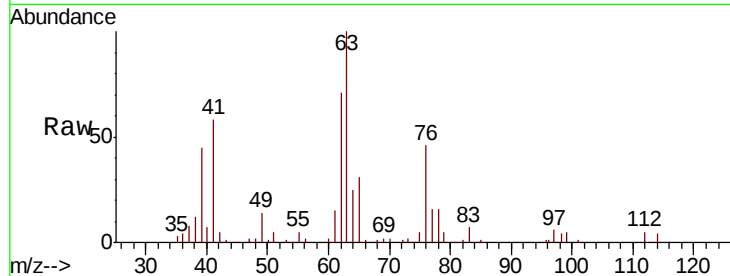
VSTDCCC050

Tot Ion: 63 Resp: 49614

Ion Ratio Lower Upper

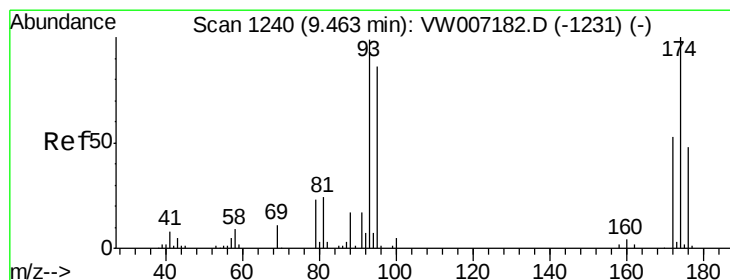
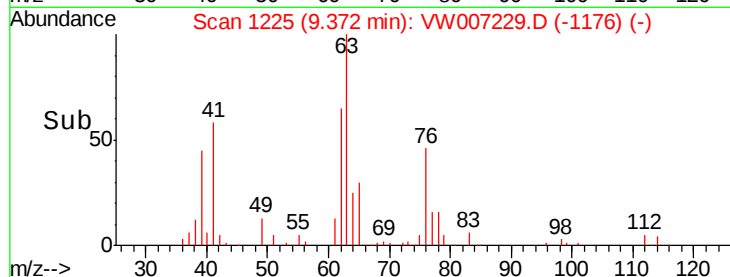
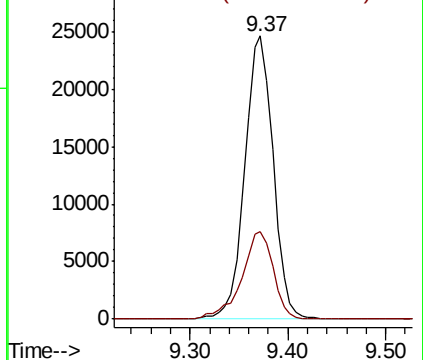
63 100

65 30.8 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 45.078 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

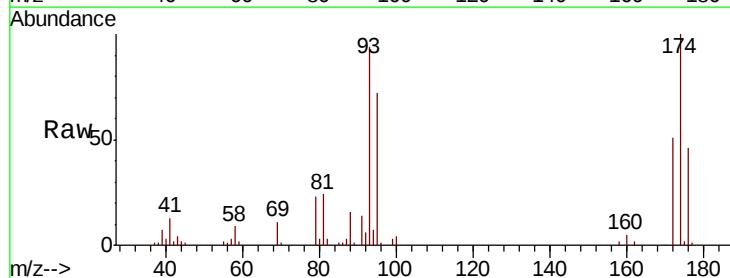
Tgt Ion: 93 Resp: 24429

Ion Ratio Lower Upper

93 100

95 84.5 68.7 103.1

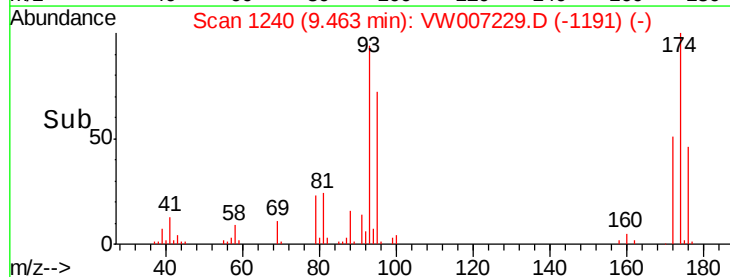
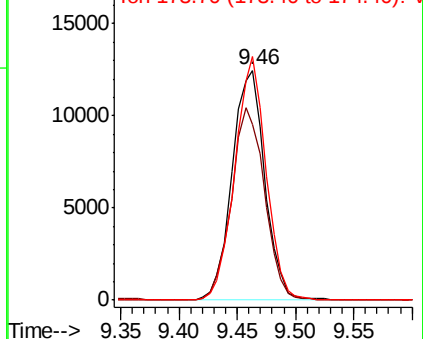
174 101.0 82.9 124.3

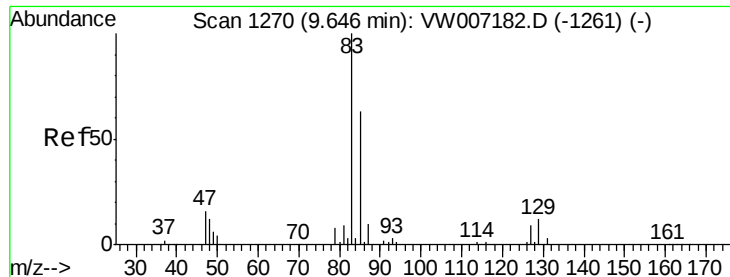


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.788 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

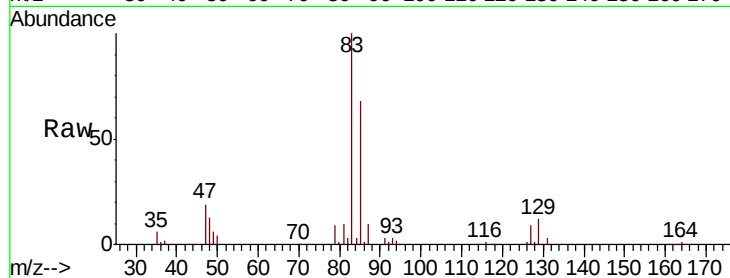
Tot Ion: 83 Resp: 66697

Ion Ratio Lower Upper

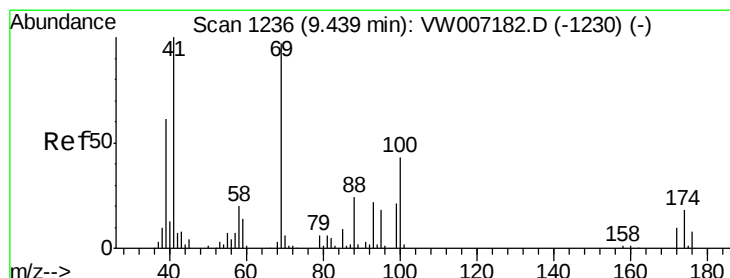
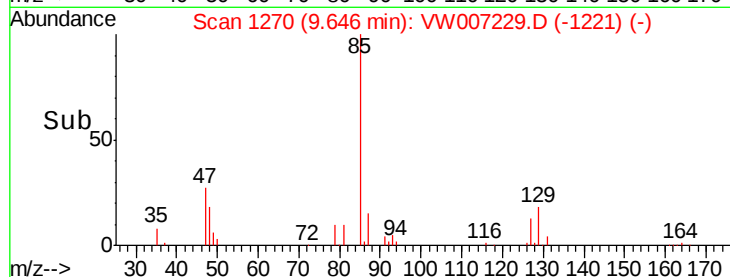
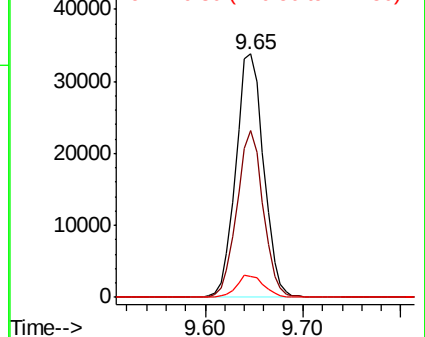
83 100

85 68.4 50.6 76.0

127 8.7 7.3 10.9



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: 45.072 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

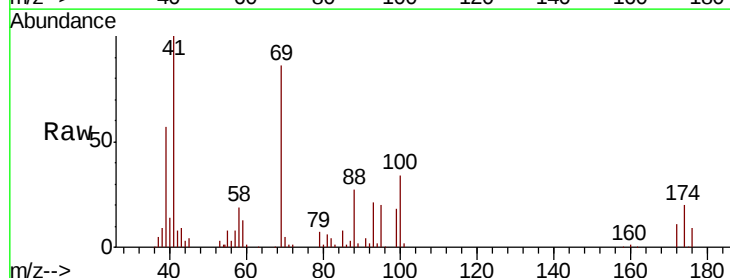
Tgt Ion: 41 Resp: 26860

Ion Ratio Lower Upper

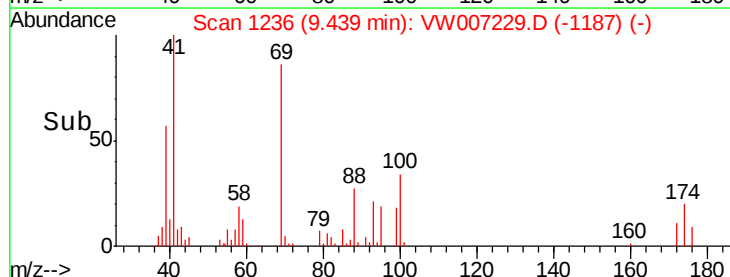
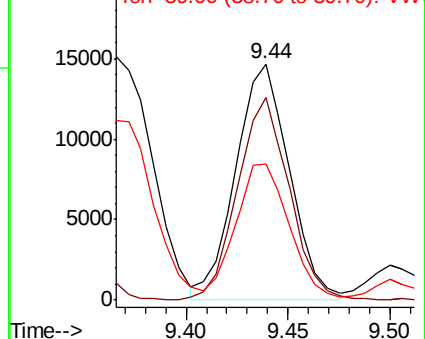
41 100

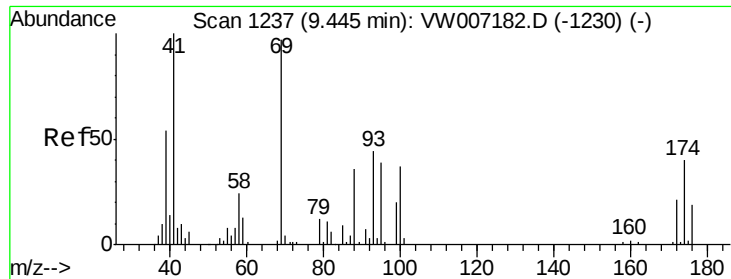
69 81.6 69.6 104.4

39 54.3 42.4 63.6



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

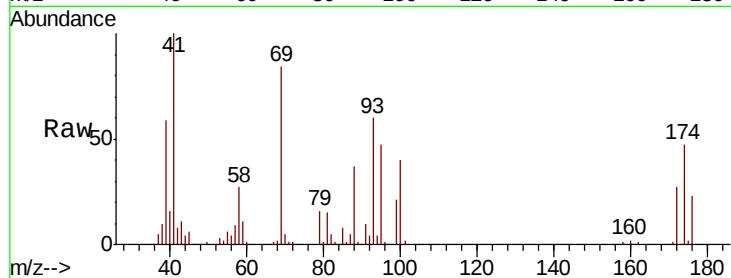




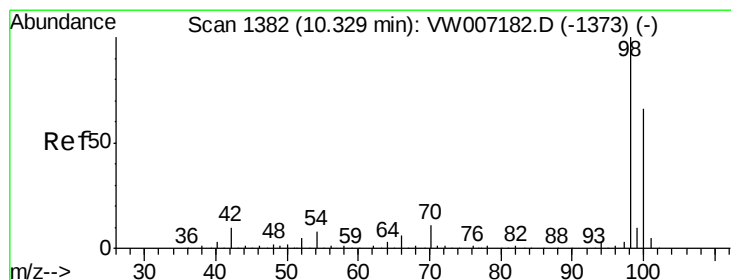
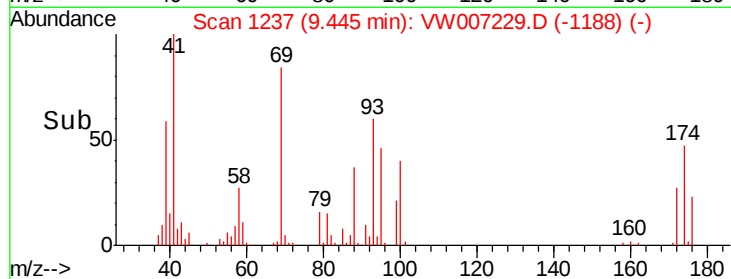
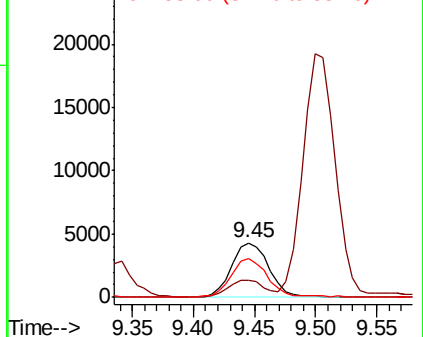
#49
 1,4-Dioxane
 Concen: 963.983 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 9126
 Ion Ratio Lower Upper
 88 100
 43 31.5 25.8 38.8
 58 71.2 58.9 88.3

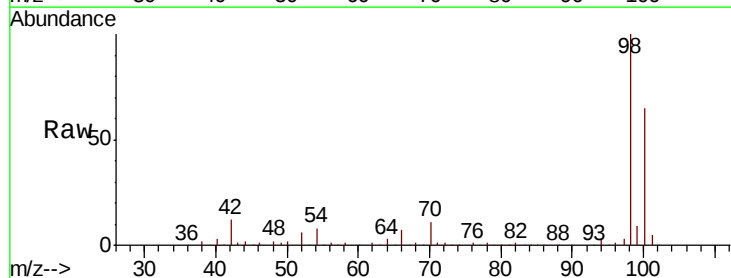


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

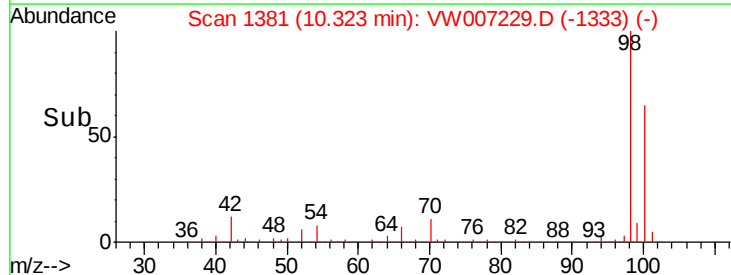
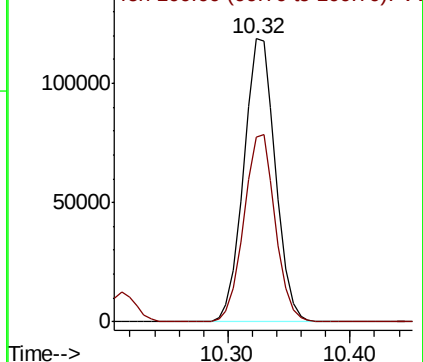


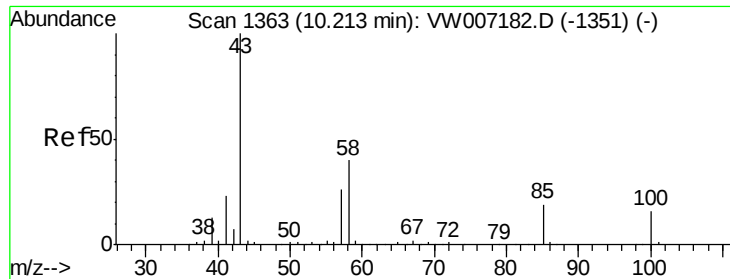
#50
 Toluene-d8
 Concen: 50.386 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 98 Resp: 213469
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.7 79.1



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: 218.917 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

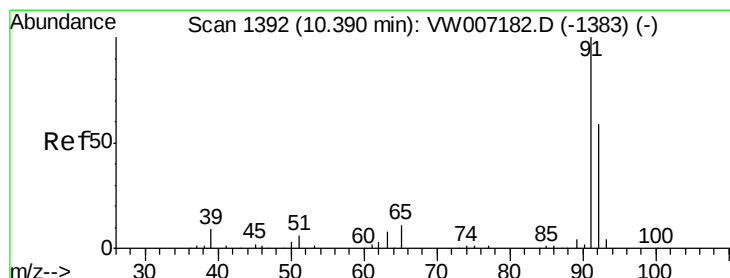
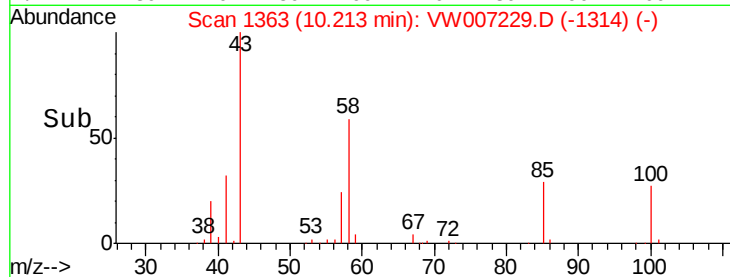
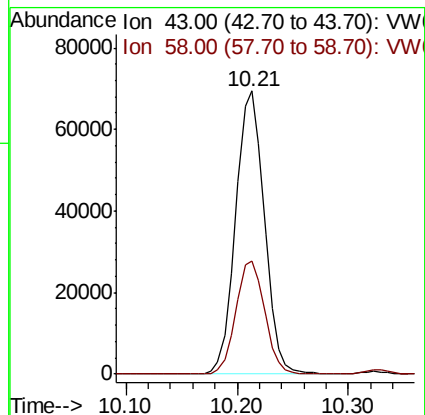
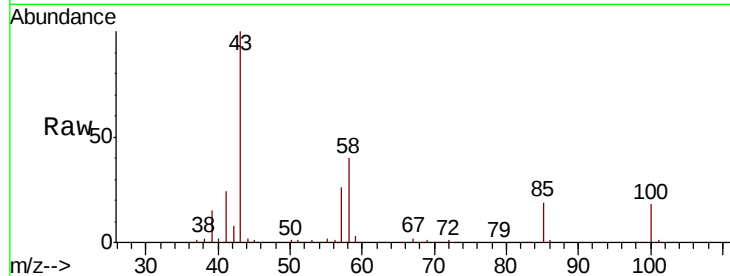
VSTDCCC050

Tot Ion: 43 Resp: 123873

Ion Ratio Lower Upper

43 100

58 40.2 32.3 48.5



#52

Toluene

Concen: 48.804 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007229.D

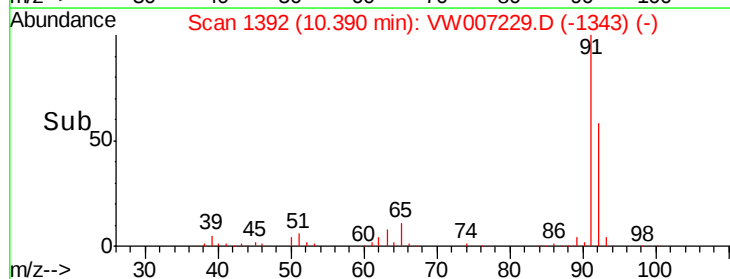
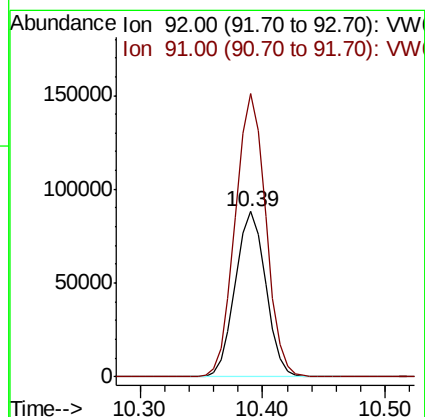
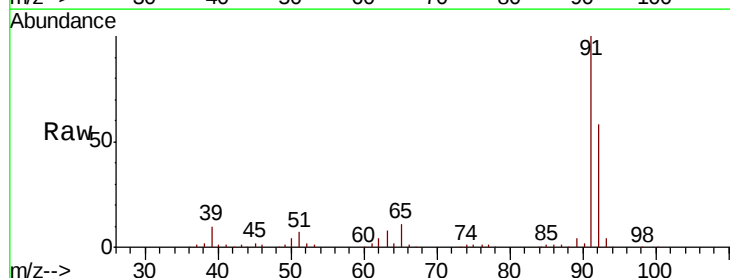
Acq: 05 Dec 2018 14:01

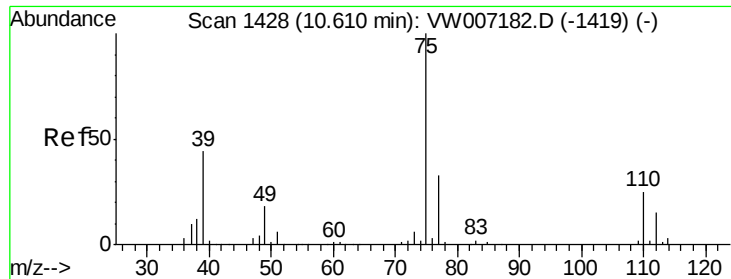
Tgt Ion: 92 Resp: 152149

Ion Ratio Lower Upper

92 100

91 171.9 136.0 204.0

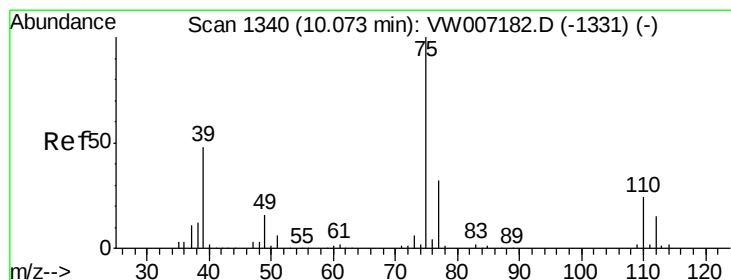
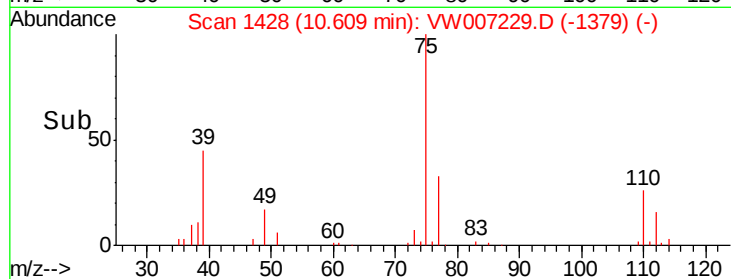
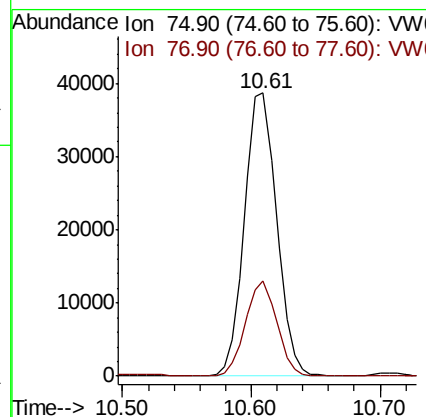
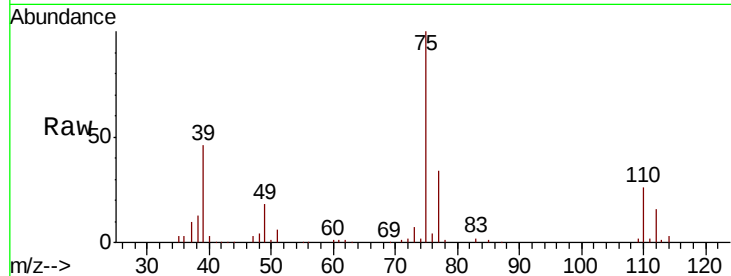




#53
 t-1,3-Dichloropropene
 Concen: 46.795 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

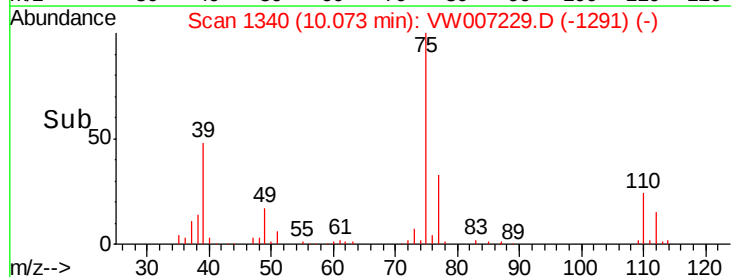
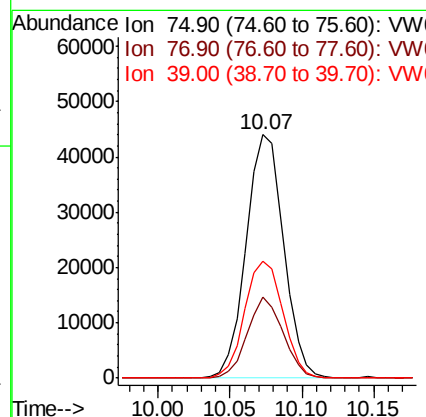
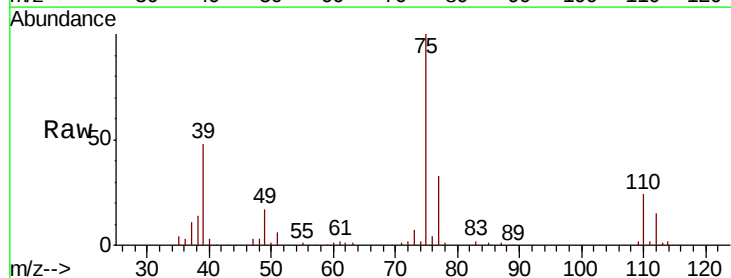
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

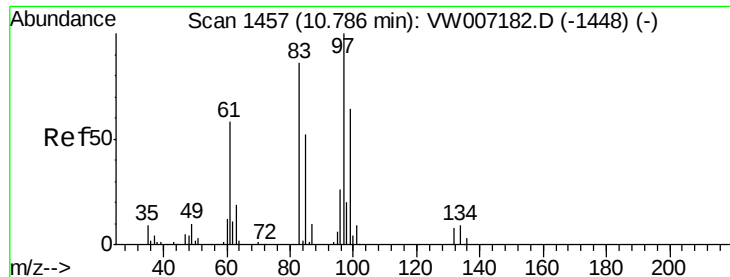
Tot Ion: 75 Resp: 67067
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.251 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 75 Resp: 79362
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.0 39.0
 39 47.9 38.0 57.0



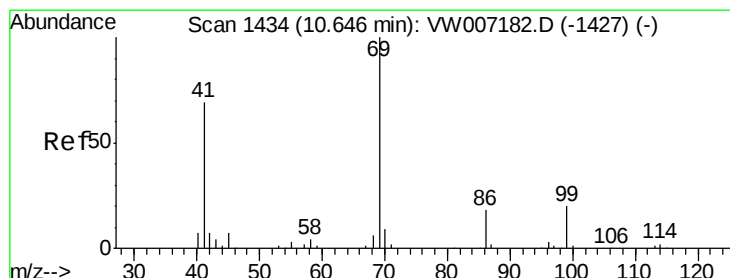
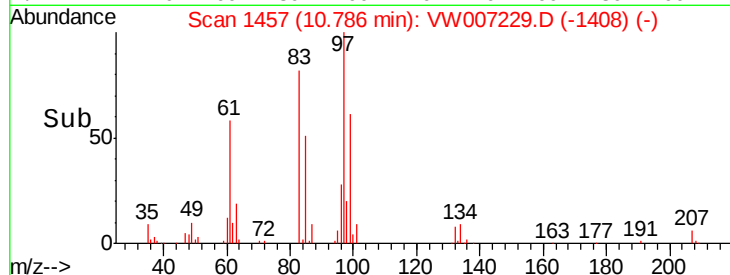
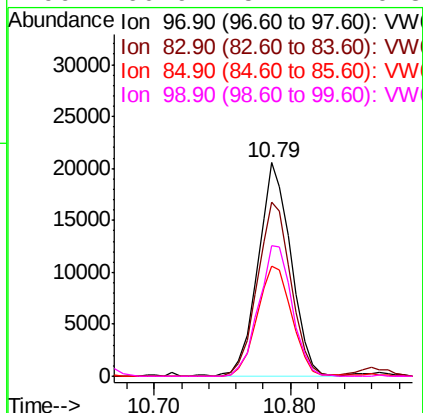
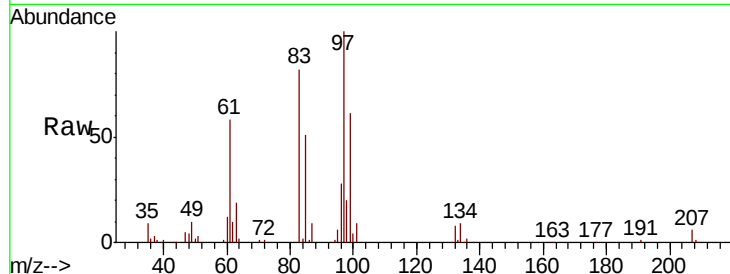


#55
 1,1,2-Trichloroethane
 Concen: 45.334 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 34946

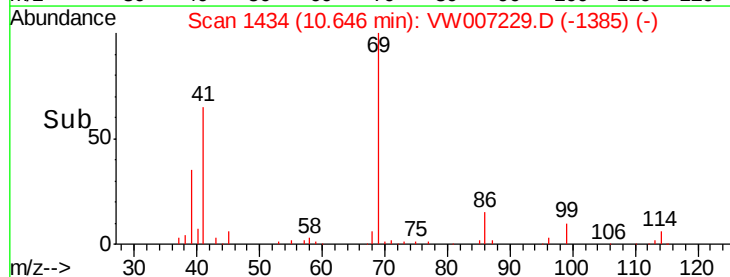
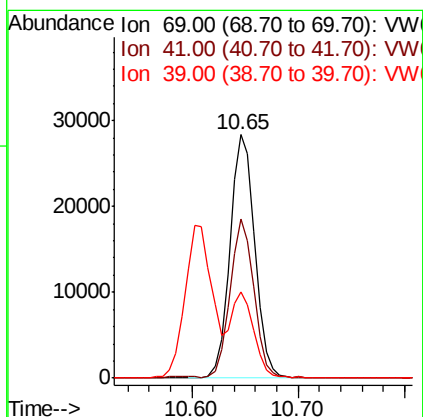
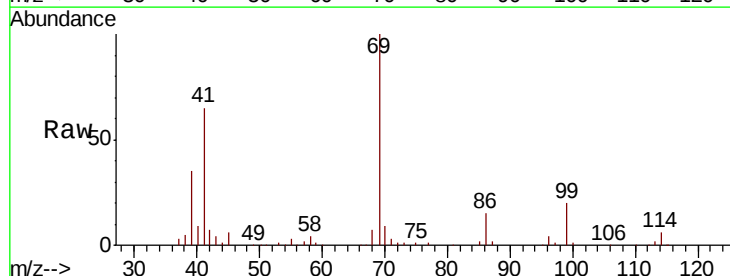
Ion	Ratio	Lower	Upper
97	100		
83	81.7	68.6	102.8
85	51.4	41.4	62.2
99	60.9	51.2	76.8

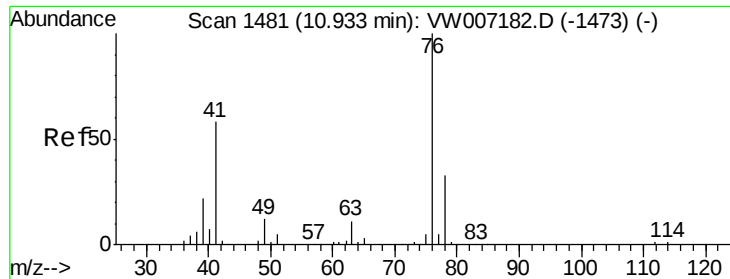


#56
 Ethyl methacrylate
 Concen: 45.959 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 69 Resp: 46213

Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.8	77.6
39	34.4	28.7	43.1

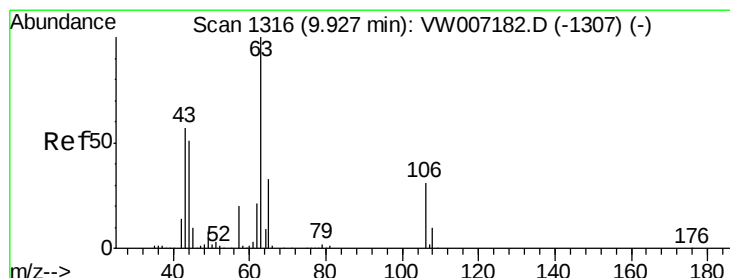
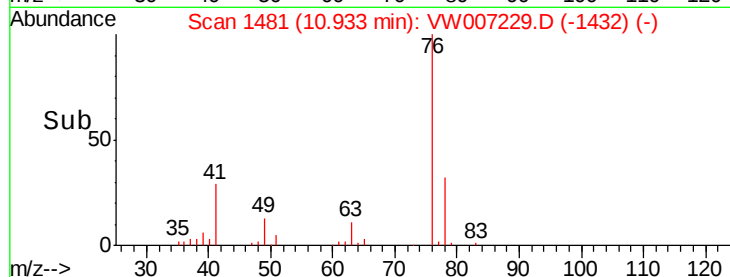
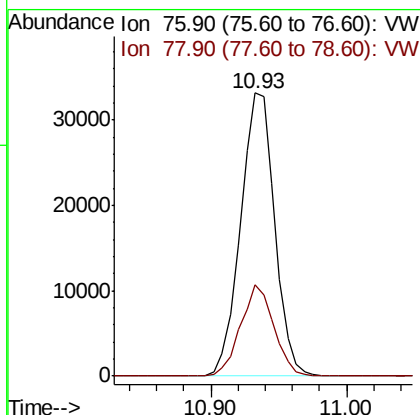
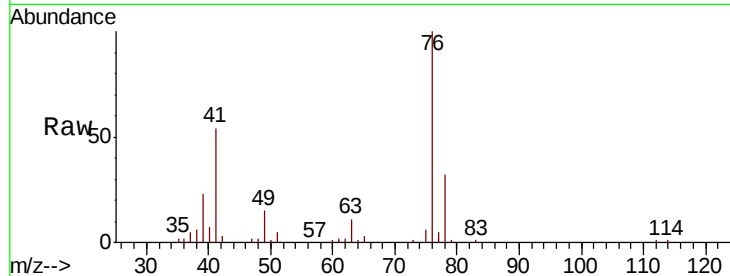




#57
 1,3-Dichloropropane
 Concen: 44.572 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

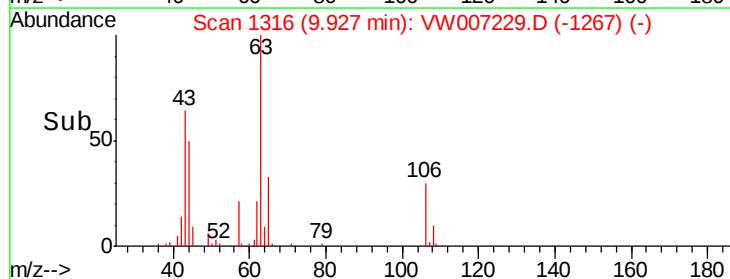
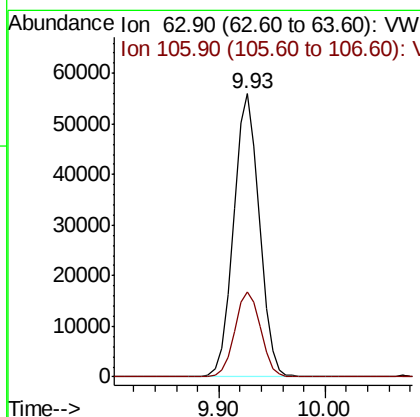
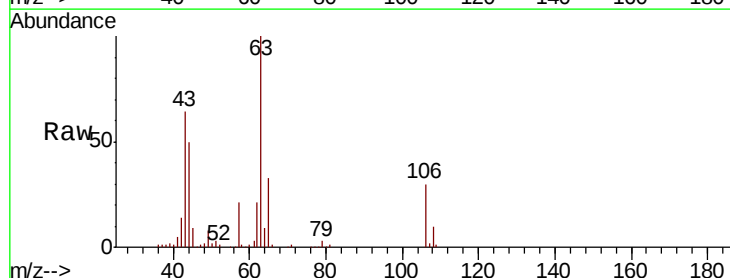
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

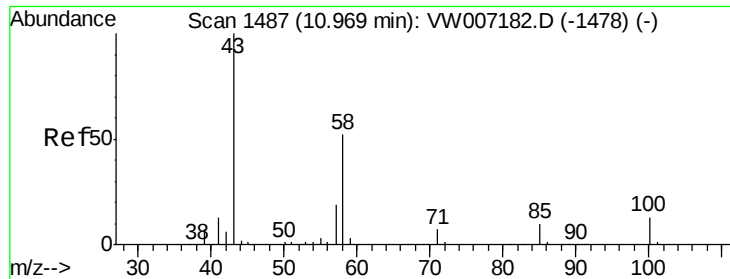
Tot Ion: 76 Resp: 58007
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.599 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion: 63 Resp: 95155
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.1 36.1





#59

2-Hexanone

Concen: 210.536 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

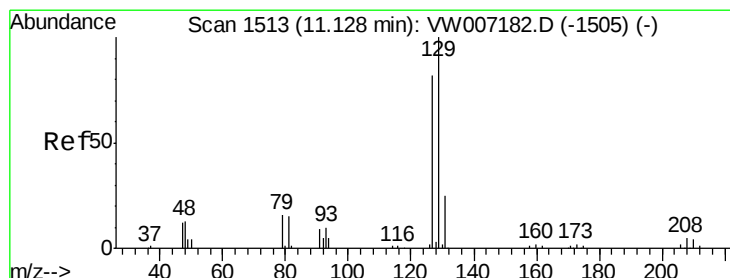
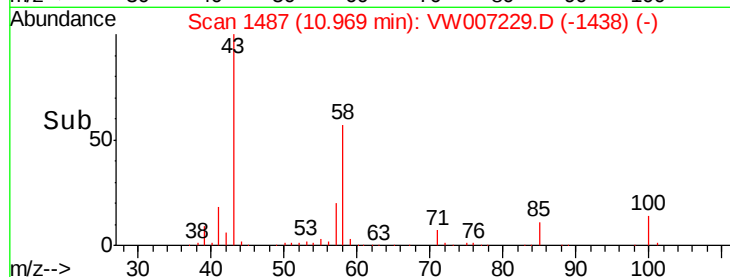
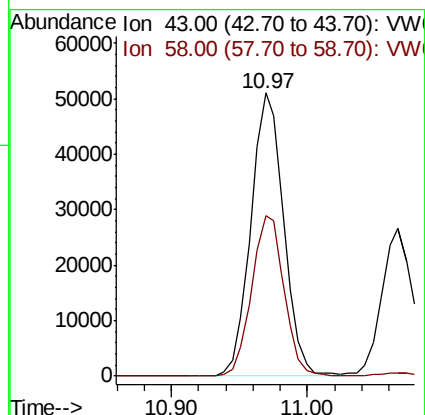
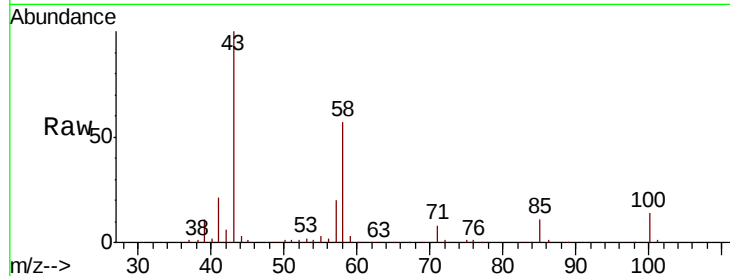
VSTDCCC050

Tot Ion: 43 Resp: 86360

Ion Ratio Lower Upper

43 100

58 56.0 28.1 84.4



#60

Dibromochloromethane

Concen: 46.119 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007229.D

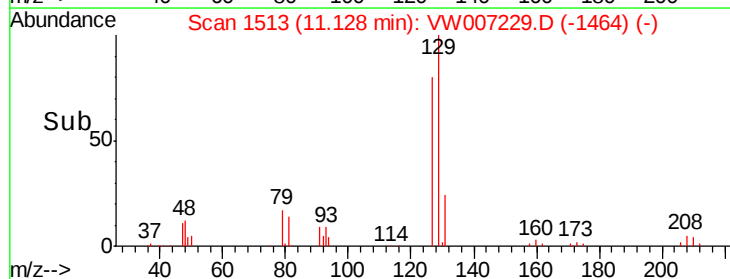
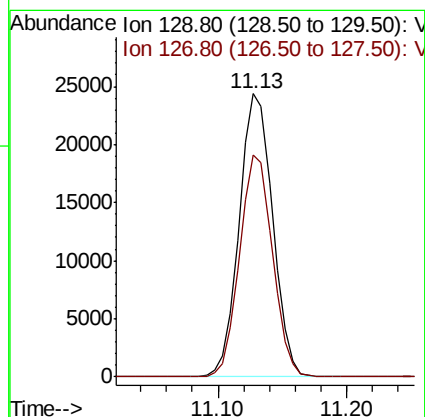
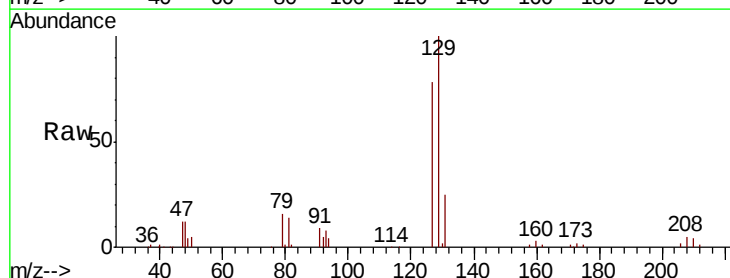
Acq: 05 Dec 2018 14:01

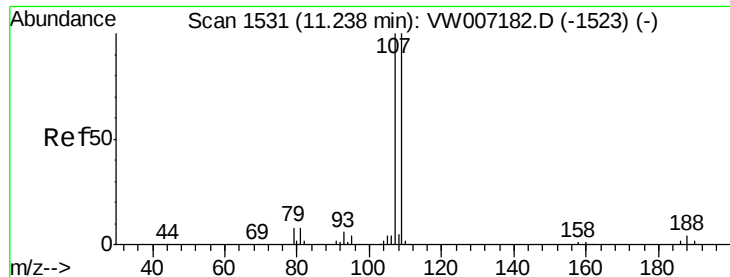
Tgt Ion: 129 Resp: 43694

Ion Ratio Lower Upper

129 100

127 77.2 39.8 119.4





#61

1,2-Dibromoethane

Concen: 45.833 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

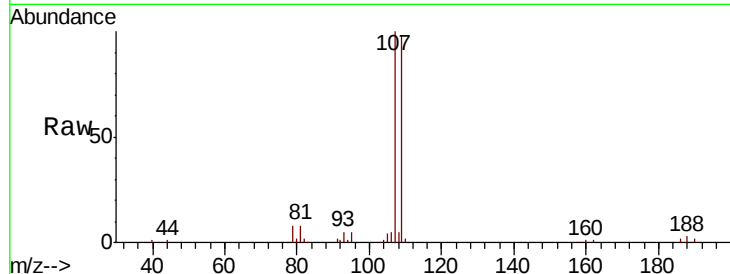
VSTDCCC050

Tot Ion:107 Resp: 33887

Ion Ratio Lower Upper

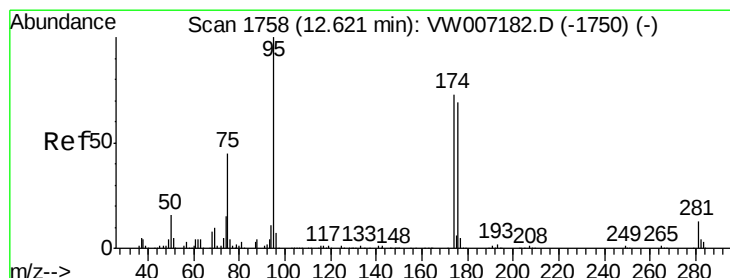
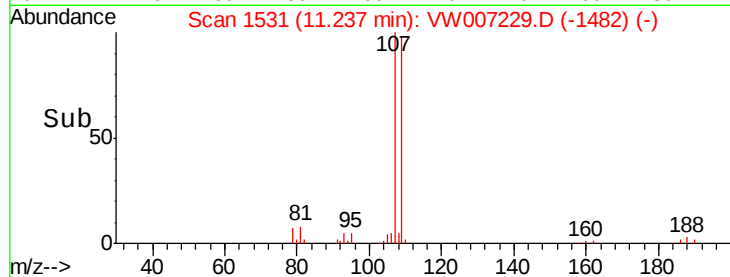
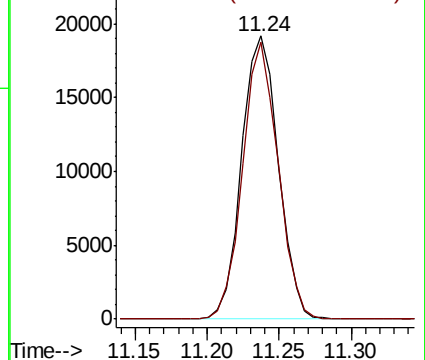
107 100

109 94.4 77.3 115.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.190 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

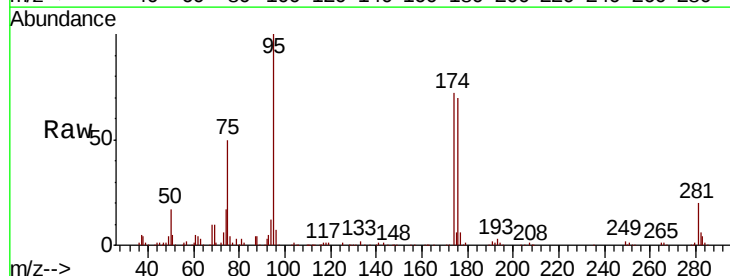
Tgt Ion: 95 Resp: 80259

Ion Ratio Lower Upper

95 100

174 74.7 0.0 148.0

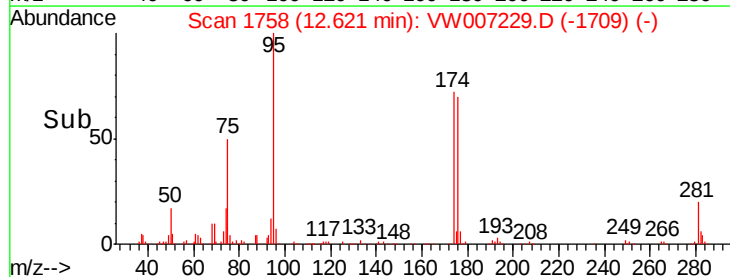
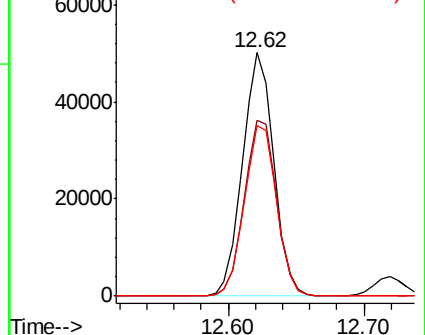
176 72.5 0.0 139.4

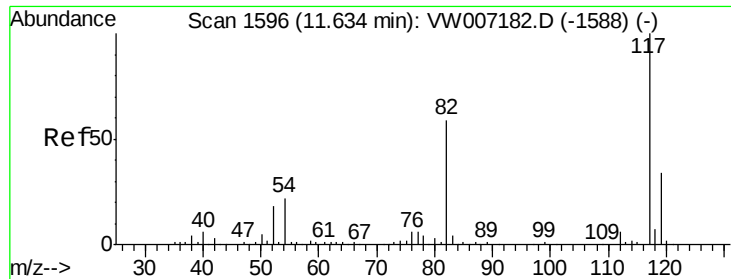


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

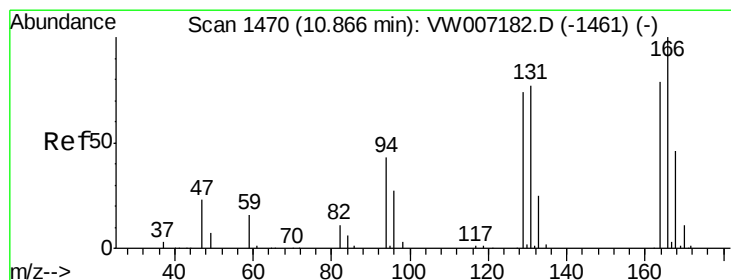
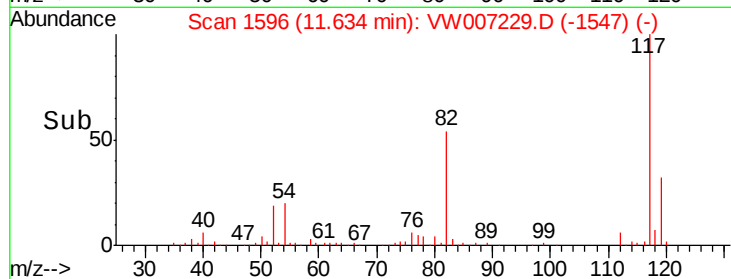
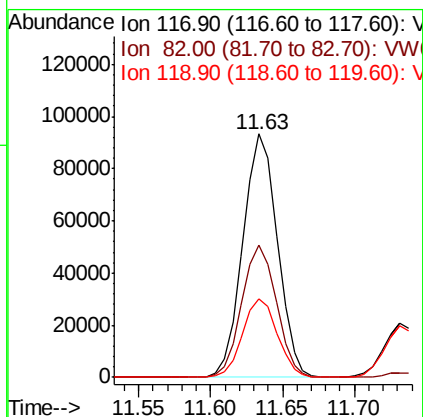
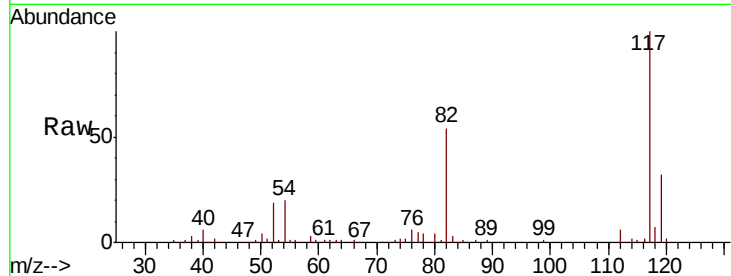




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

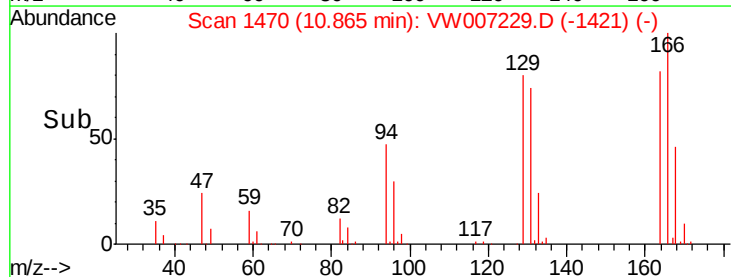
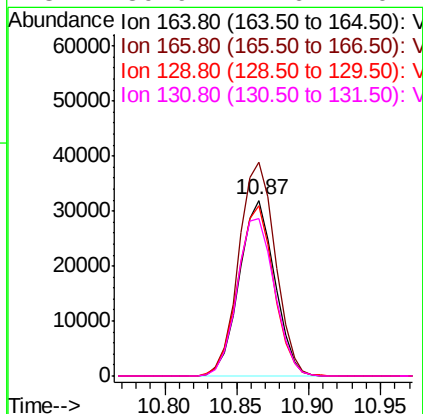
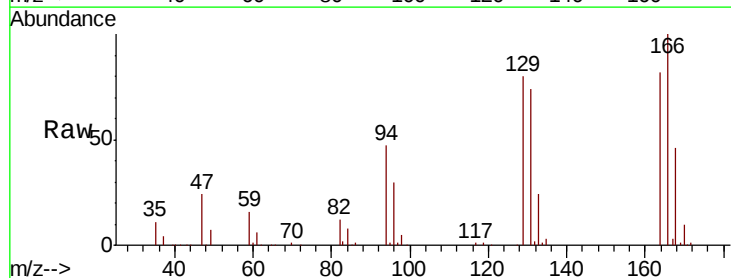
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

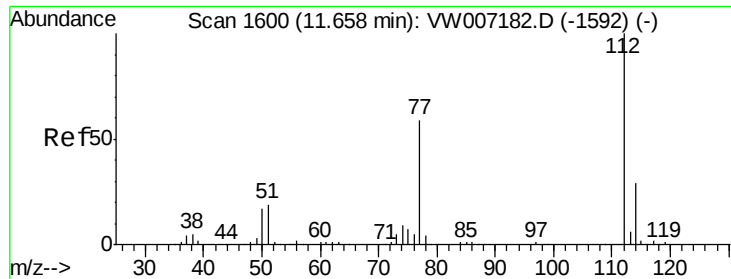
Tot Ion:117 Resp: 155527
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 32.3 26.8 40.2



#64
Tetrachloroethene
Concen: 47.891 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion:164 Resp: 54419
Ion Ratio Lower Upper
164 100
166 121.7 101.0 151.4
129 97.4 74.6 111.8
131 89.9 77.6 116.4

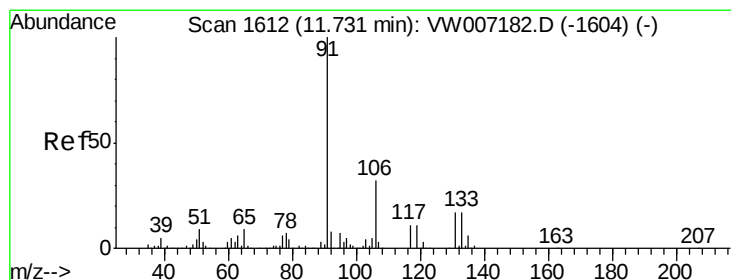
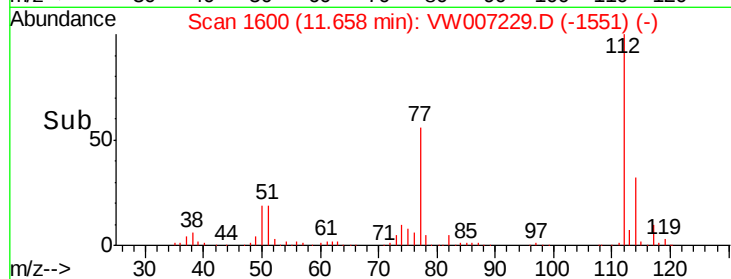
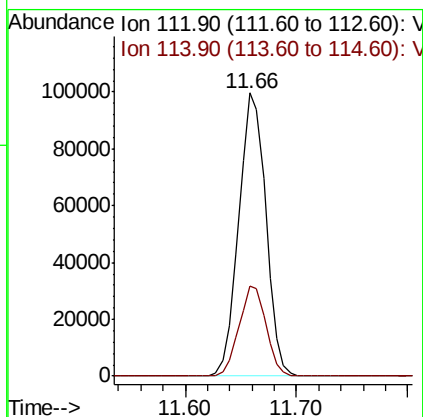
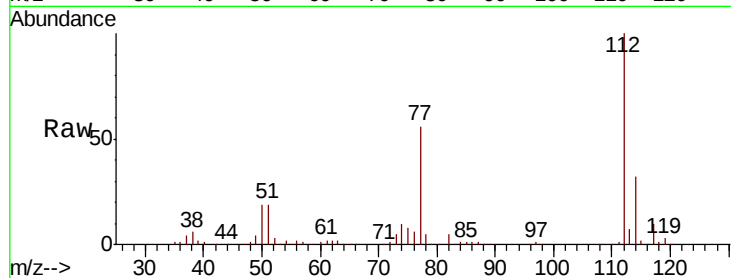




#65
Chlorobenzene
Concen: 48.400 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

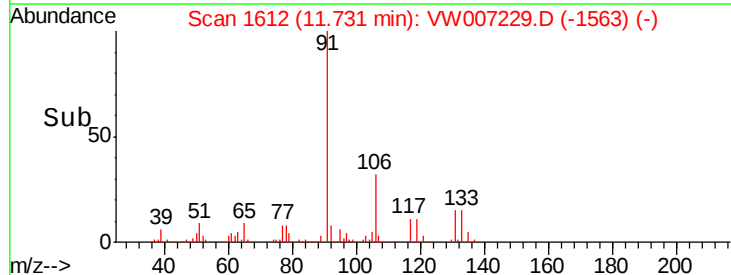
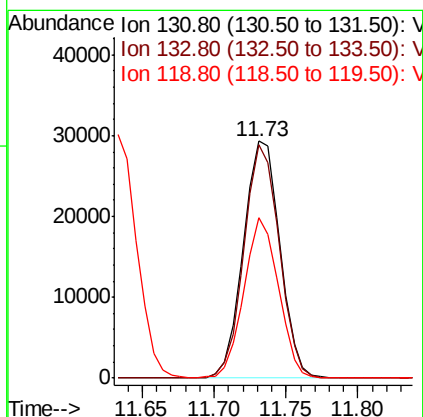
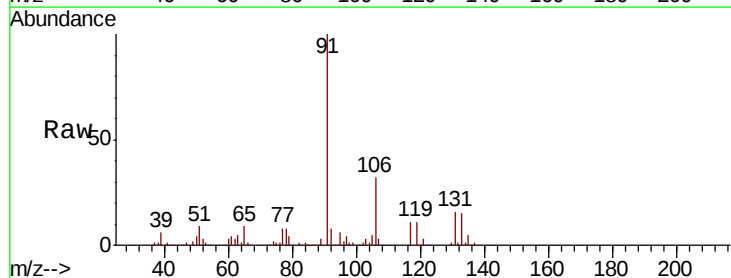
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

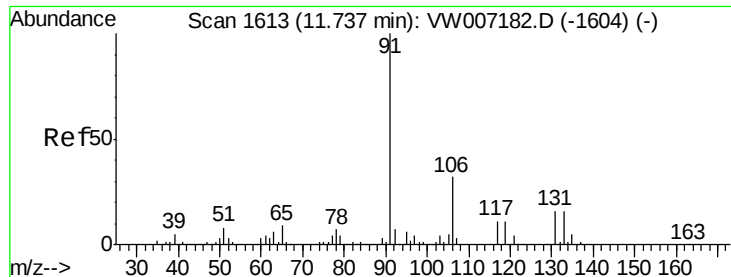
Tot Ion:112 Resp: 168118
Ion Ratio Lower Upper
112 100
114 31.6 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.895 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion:131 Resp: 51379
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 64.1 32.8 98.4

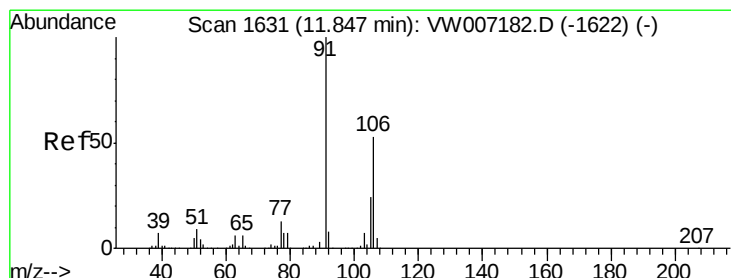
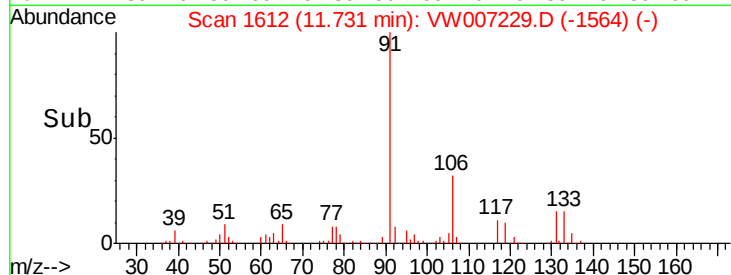
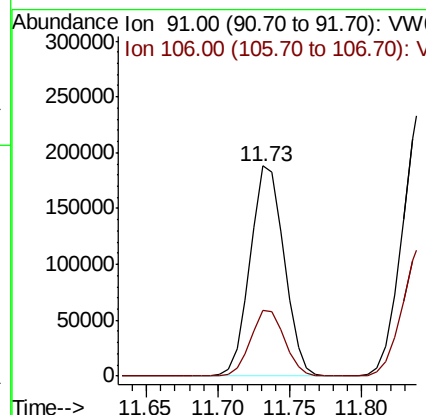
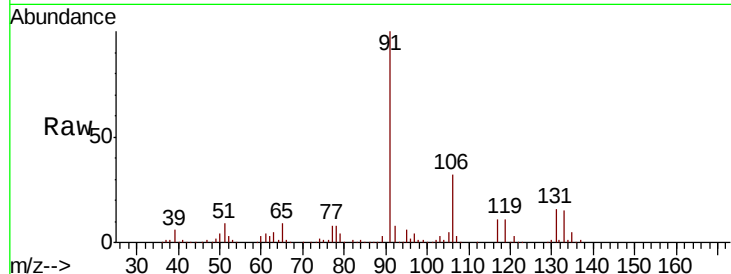




#67
Ethyl Benzene
Concen: 48.435 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

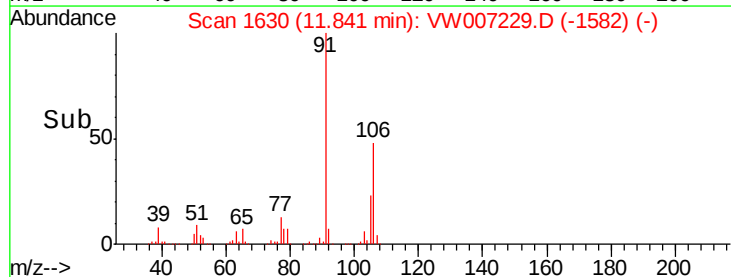
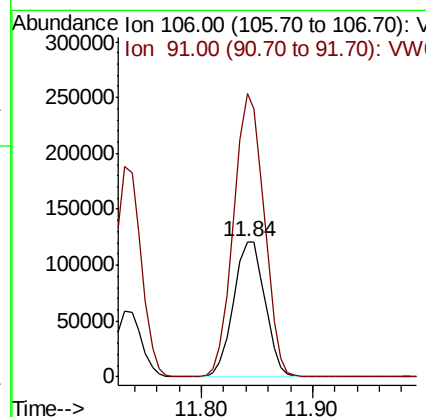
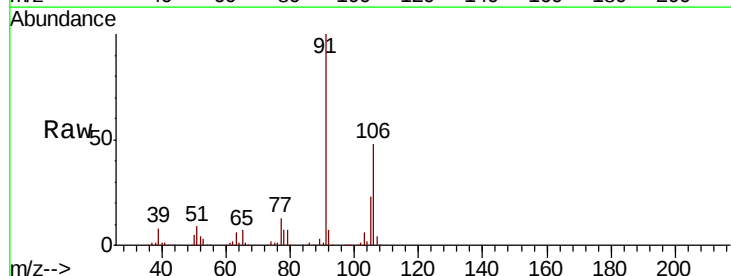
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 306634
Ion Ratio Lower Upper
91 100
106 31.6 26.0 39.0



#68
m/p-Xylenes
Concen: 95.411 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion: 106 Resp: 236962
Ion Ratio Lower Upper
106 100
91 203.7 160.2 240.4

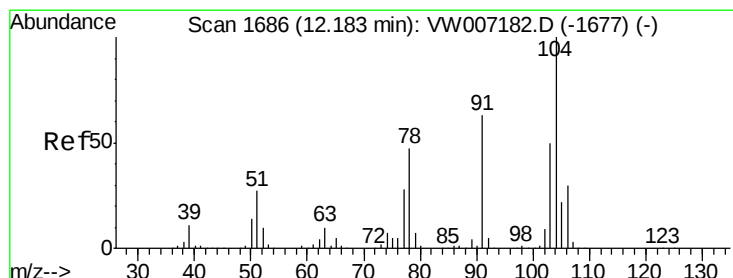
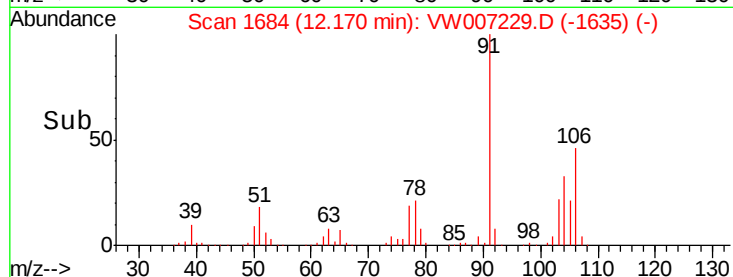
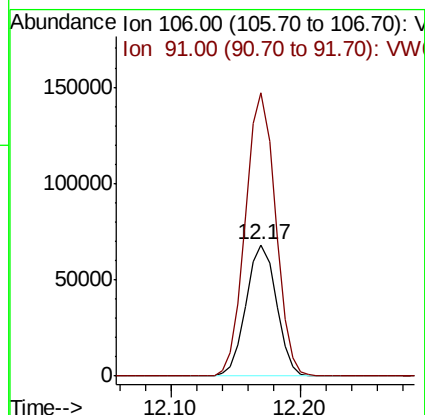
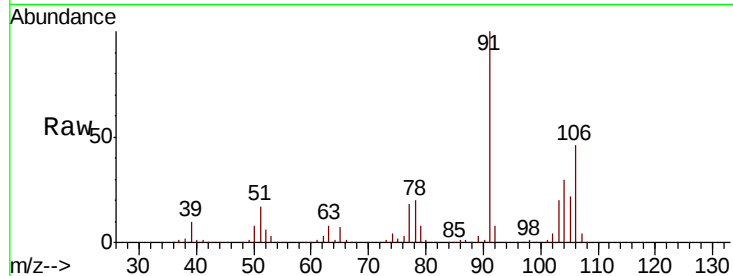




#69
o-Xylene
Concen: 47.643 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

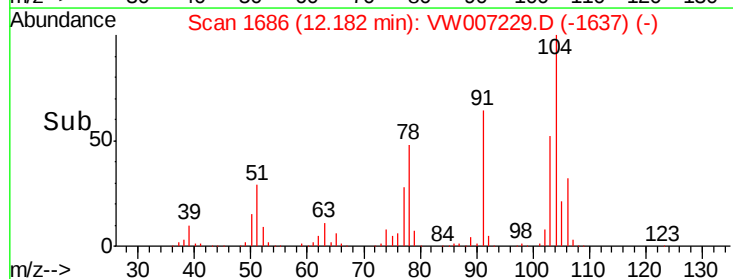
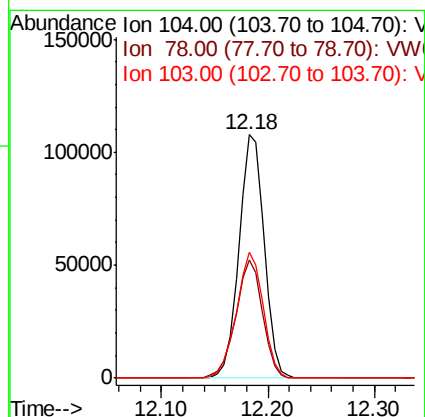
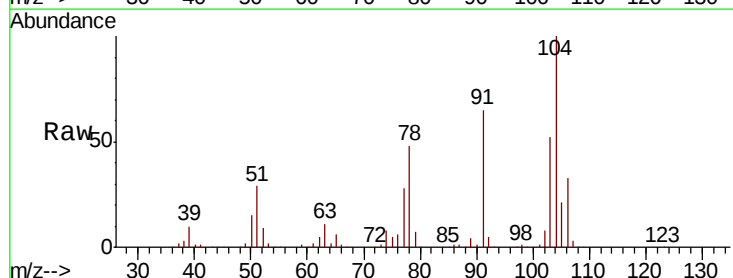
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

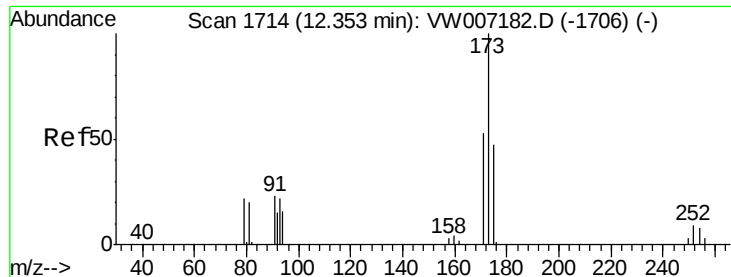
Tot Ion:106 Resp: 110551
Ion Ratio Lower Upper
106 100
91 215.1 104.9 314.7



#70
Styrene
Concen: 47.152 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion:104 Resp: 179104
Ion Ratio Lower Upper
104 100
78 51.7 40.6 60.8
103 55.1 43.0 64.4





#71

Bromoform

Concen: 44.368 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

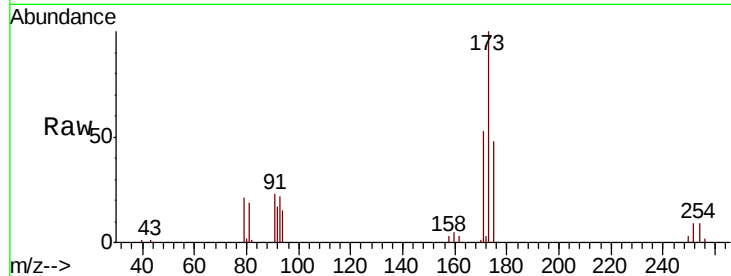
Tot Ion:173 Resp: 23826

Ion Ratio Lower Upper

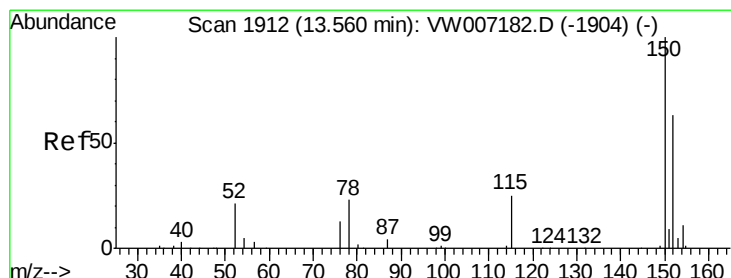
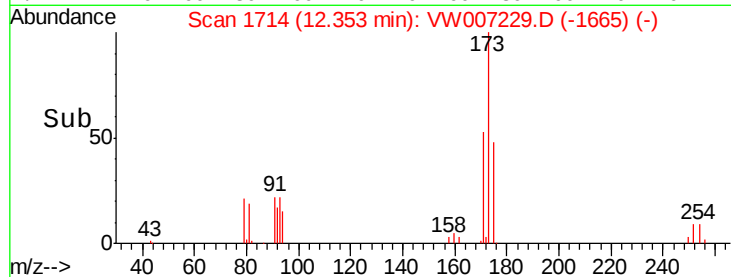
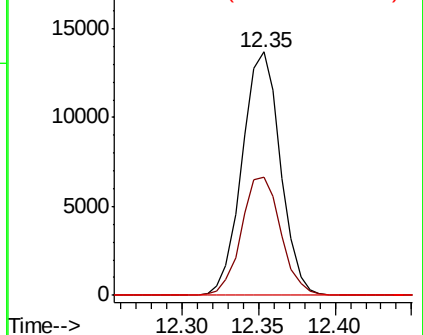
173 100

175 49.7 24.0 72.0

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. 0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

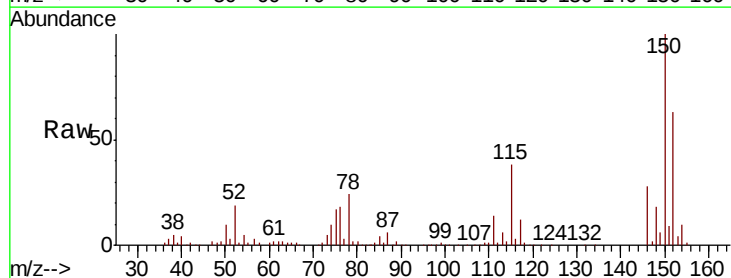
Tgt Ion:152 Resp: 77096

Ion Ratio Lower Upper

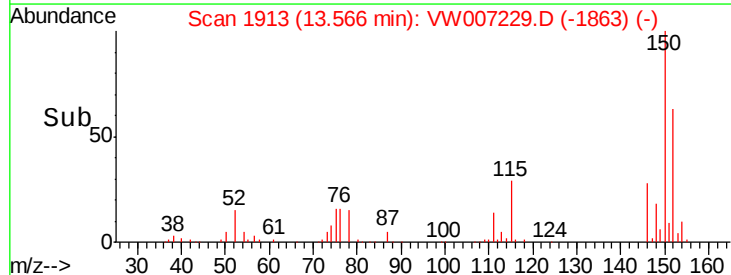
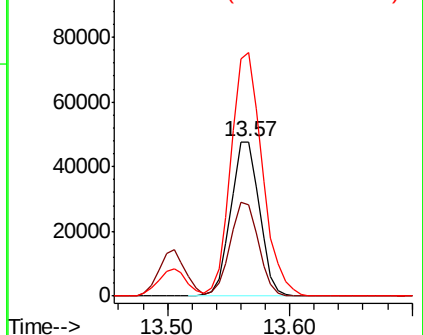
152 100

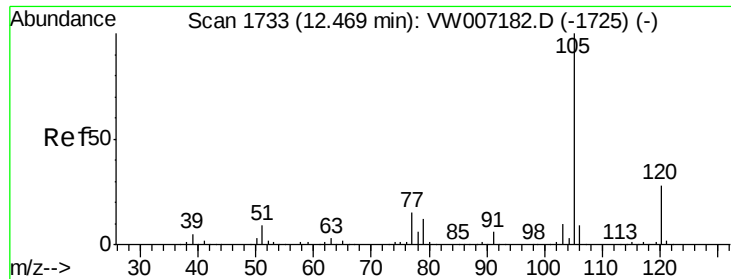
115 60.4 31.3 93.8

150 172.4 0.0 358.0



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: 49.721 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

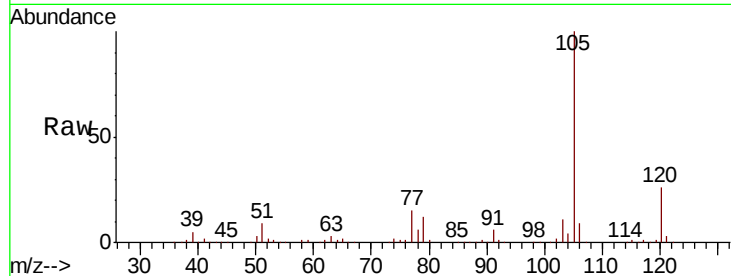
VSTDCCC050

Tot Ion:105 Resp: 311772

Ion Ratio Lower Upper

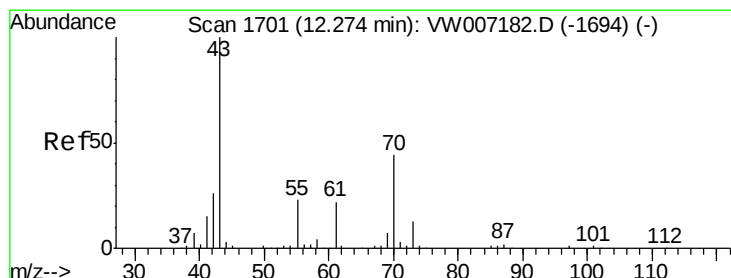
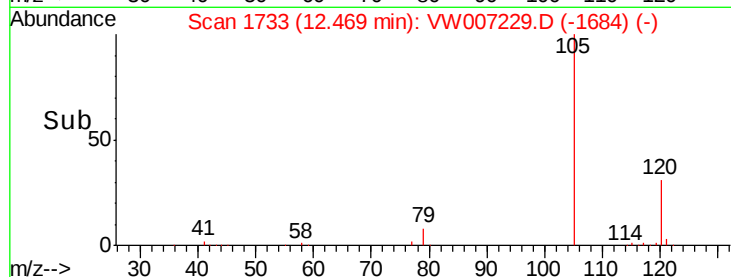
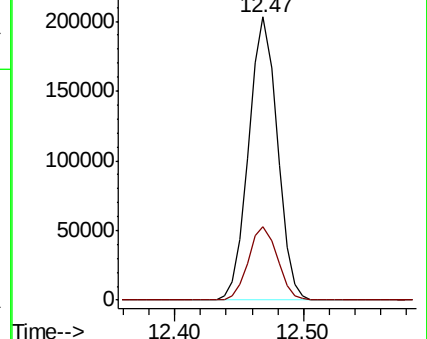
105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.967 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Tgt Ion: 43 Resp: 48880

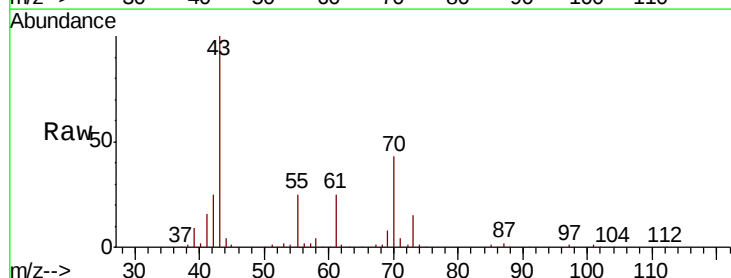
Ion Ratio Lower Upper

43 100

70 43.5 34.0 51.0

55 25.3 19.0 28.6

61 25.0 19.7 29.5

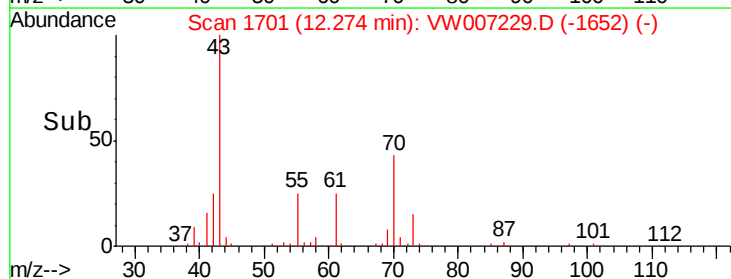
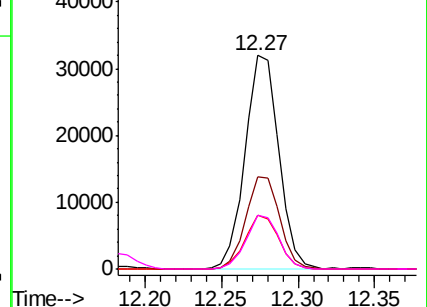


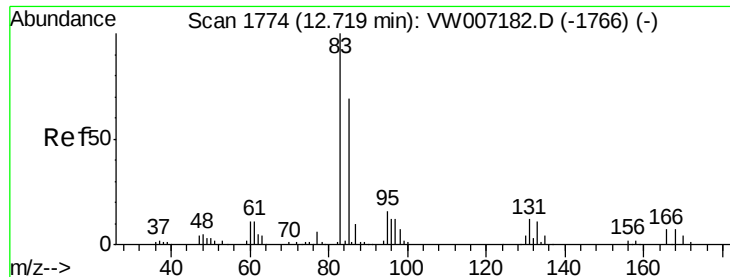
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 46.387 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

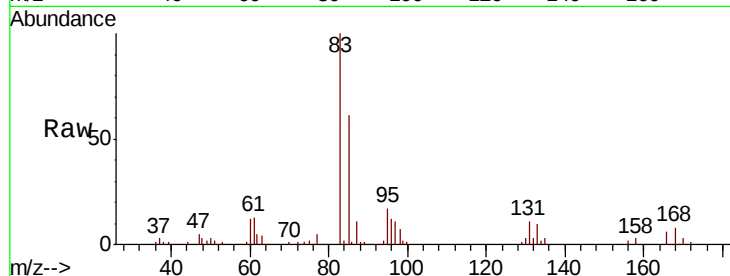
Tot Ion: 83 Resp: 37776

Ion Ratio Lower Upper

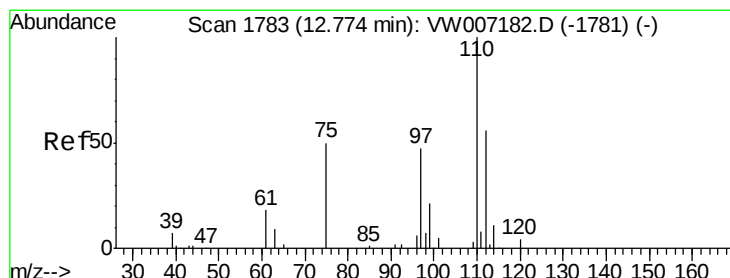
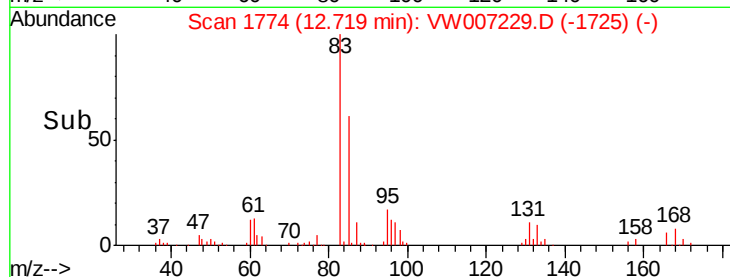
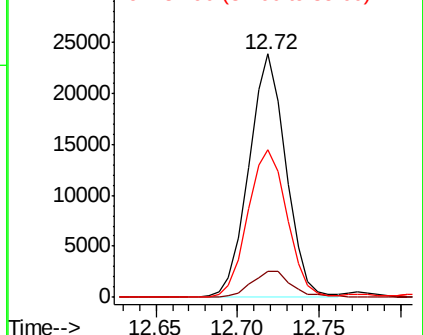
83 100

131 11.9 6.0 18.1

85 64.4 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 90.589 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007229.D

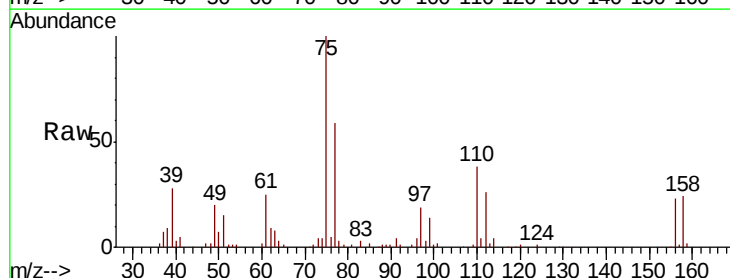
Acq: 05 Dec 2018 14:01

Tgt Ion: 75 Resp: 54078

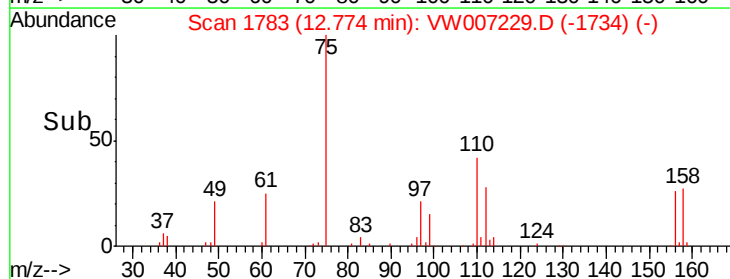
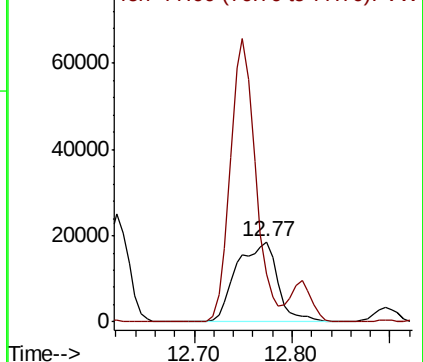
Ion Ratio Lower Upper

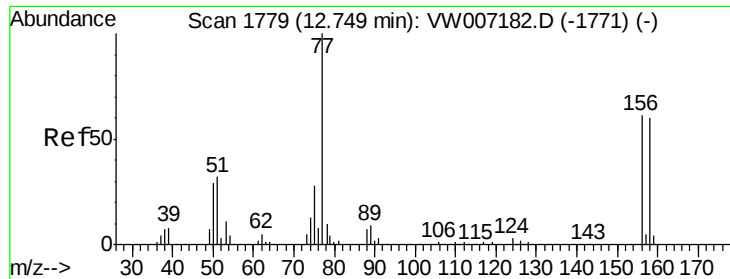
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.734 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

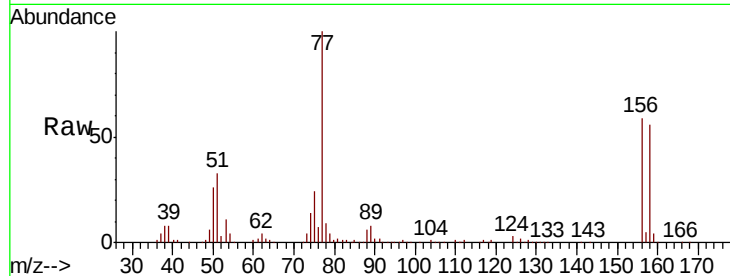
Tot Ion:156 Resp: 64608

Ion Ratio Lower Upper

156 100

77 182.2 92.0 276.1

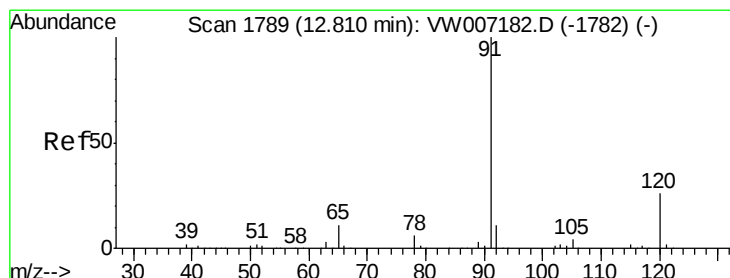
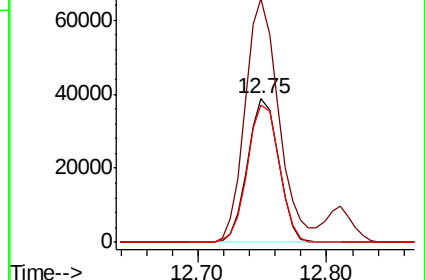
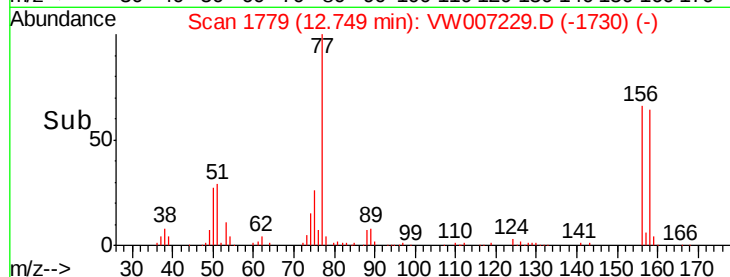
158 97.5 49.0 147.0



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: 49.358 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007229.D

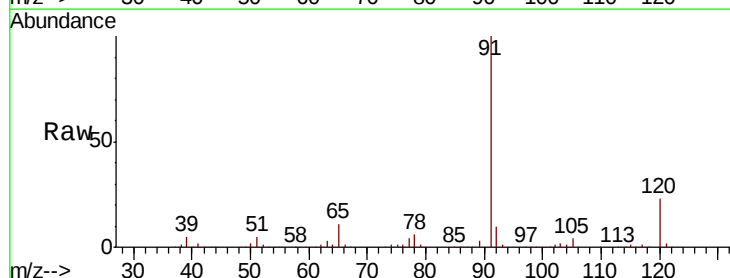
Acq: 05 Dec 2018 14:01

Tgt Ion: 91 Resp: 368726

Ion Ratio Lower Upper

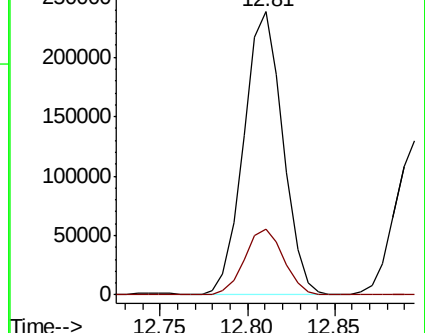
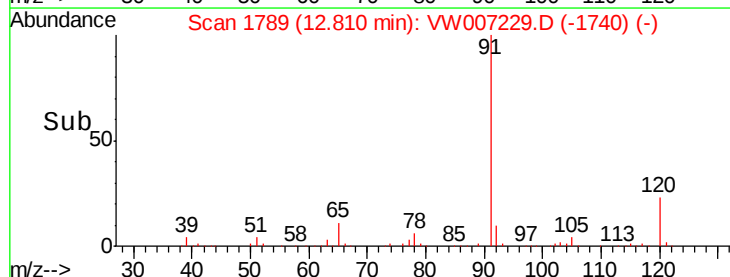
91 100

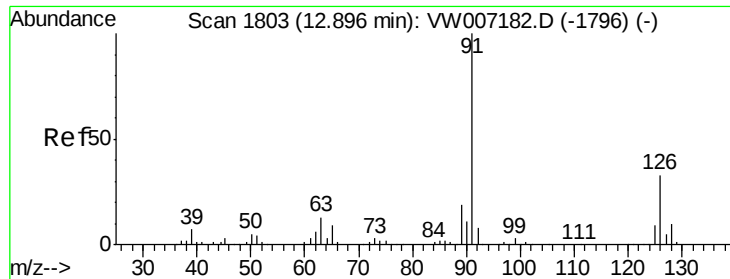
120 23.2 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.074 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

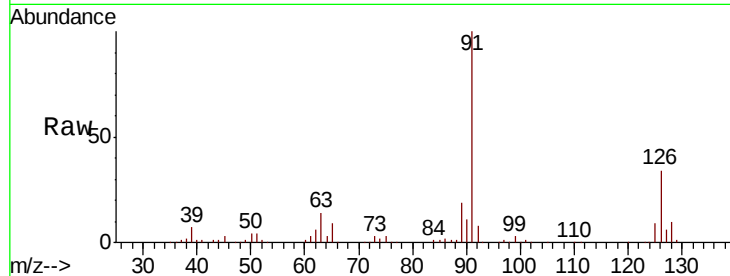
VSTDCCC050

Tot Ion: 91 Resp: 207023

Ion Ratio Lower Upper

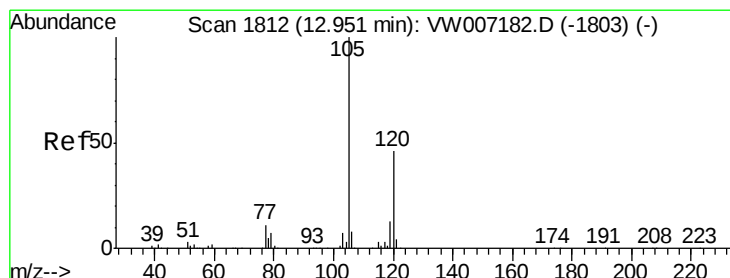
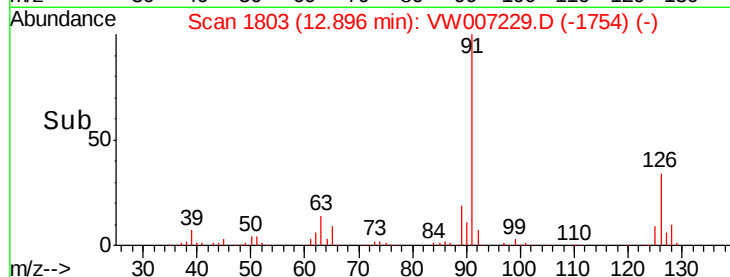
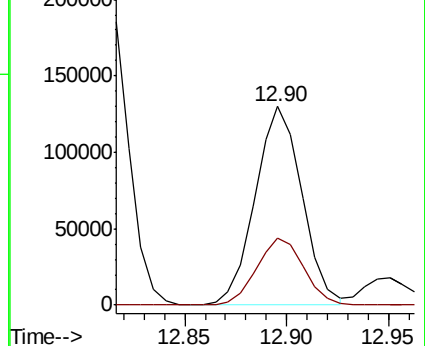
91 100

126 34.1 16.7 50.1



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: 48.825 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007229.D

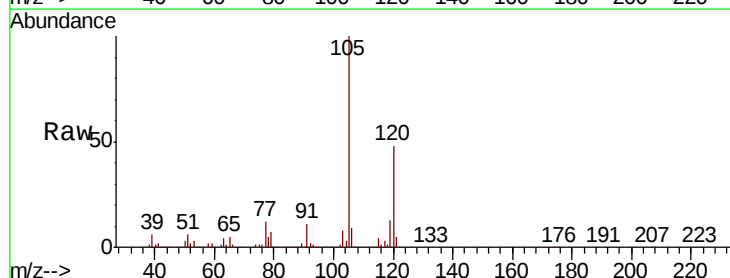
Acq: 05 Dec 2018 14:01

Tgt Ion:105 Resp: 261908

Ion Ratio Lower Upper

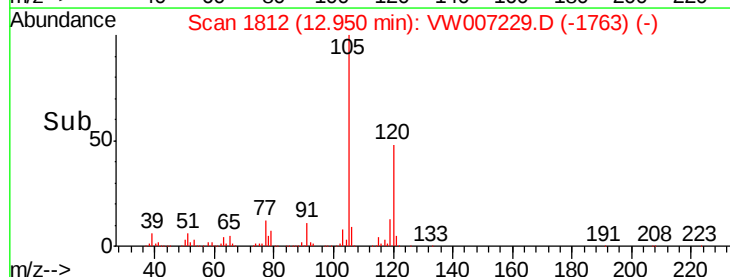
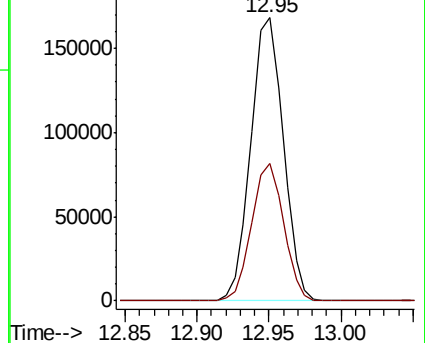
105 100

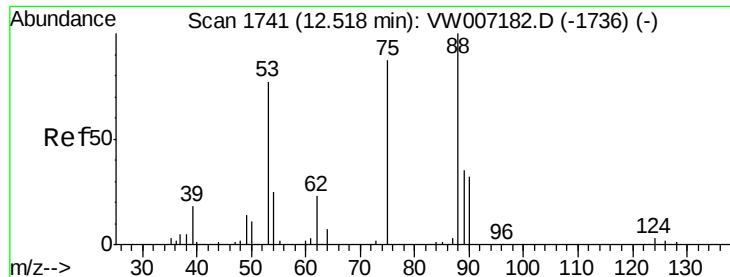
120 48.1 23.8 71.5



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: 44.493 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

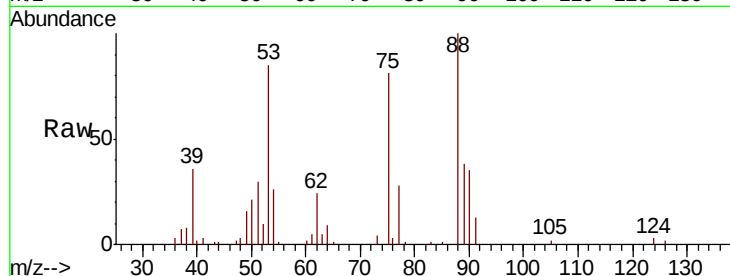
Tot Ion: 75 Resp: 12323

Ion Ratio Lower Upper

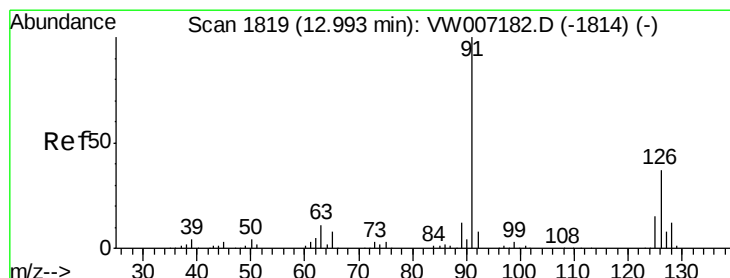
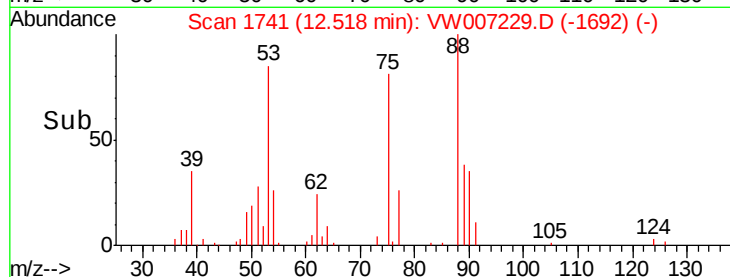
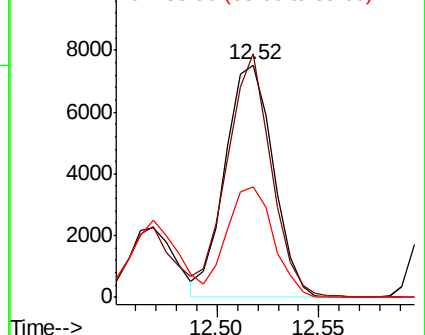
75 100

53 96.6 72.8 109.2

89 45.9 36.4 54.6



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



#82

4-Chlorotoluene

Concen: 48.888 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007229.D

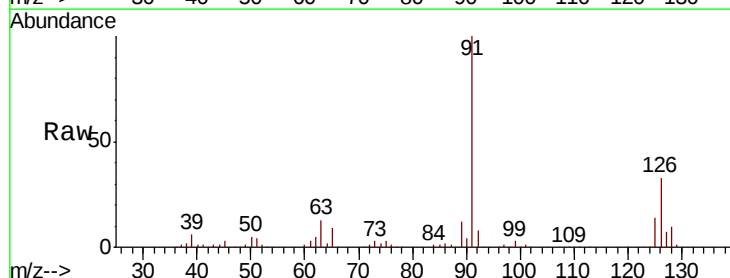
Acq: 05 Dec 2018 14:01

Tgt Ion: 91 Resp: 219405

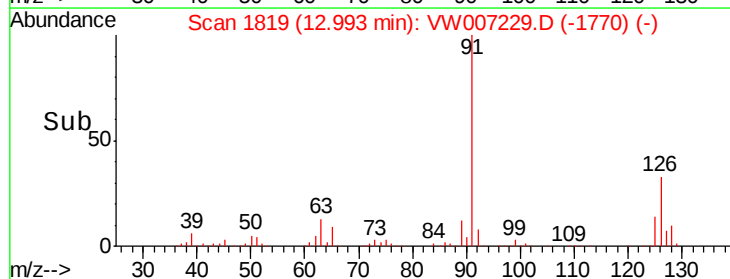
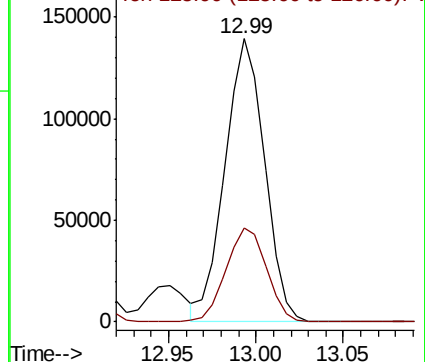
Ion Ratio Lower Upper

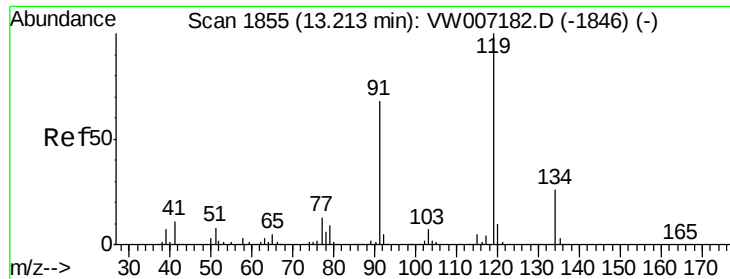
91 100

126 34.0 17.4 52.3



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





#83

tert-Butylbenzene

Concen: 49.262 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

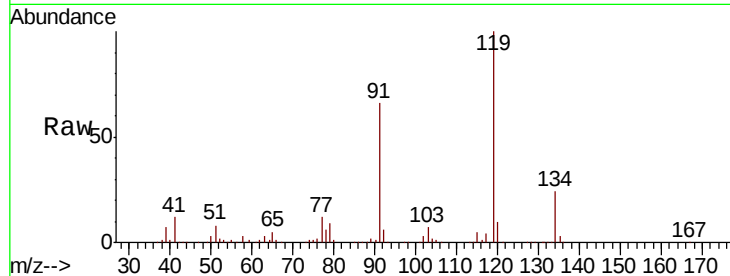
Tot Ion:119 Resp: 230932

Ion Ratio Lower Upper

119 100

91 66.2 34.0 101.8

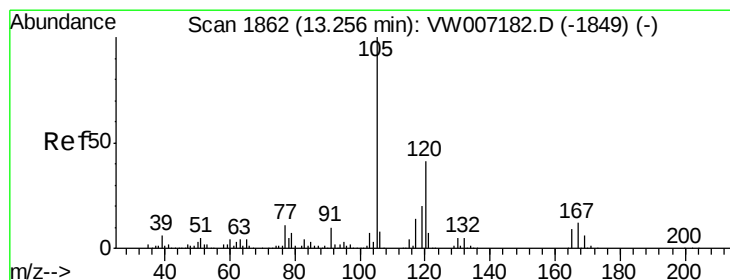
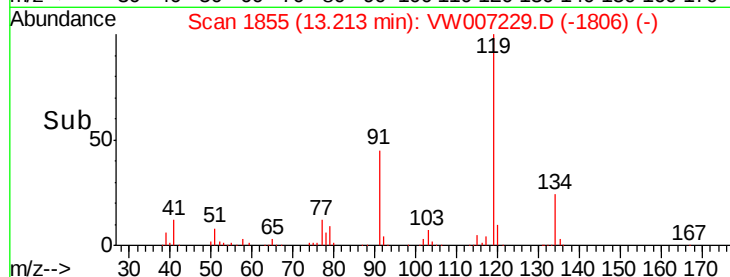
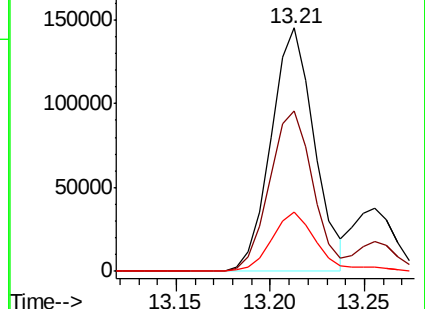
134 25.6 13.2 39.5



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: 47.796 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007229.D

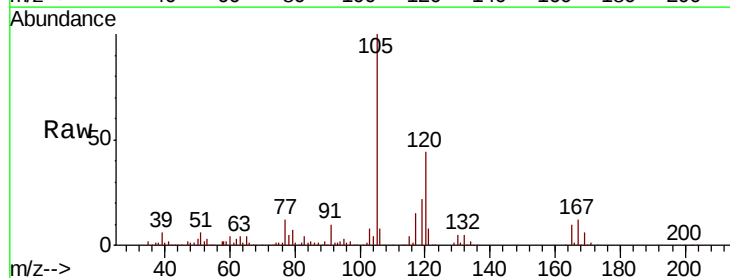
Acq: 05 Dec 2018 14:01

Tgt Ion:105 Resp: 261718

Ion Ratio Lower Upper

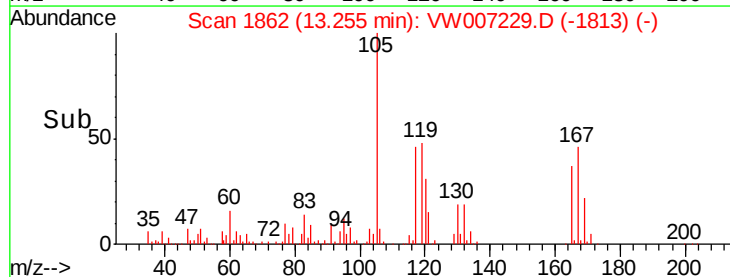
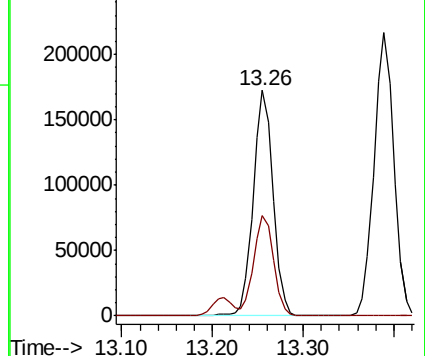
105 100

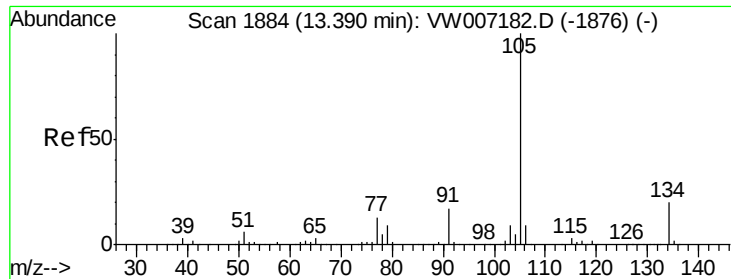
120 44.3 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

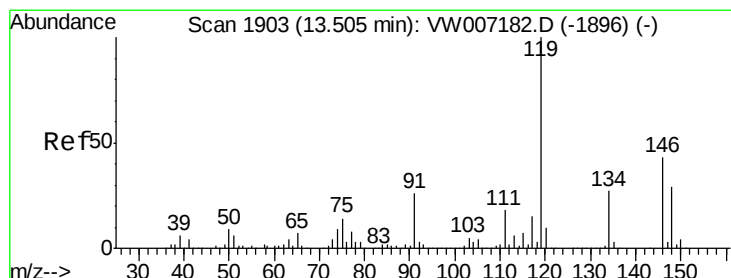
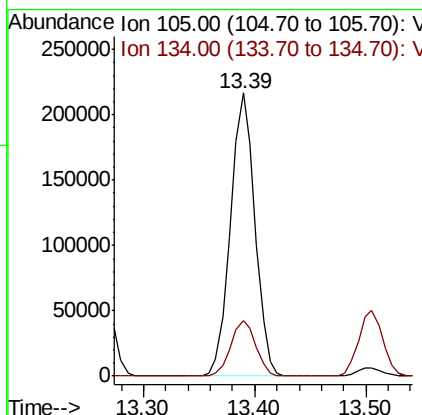
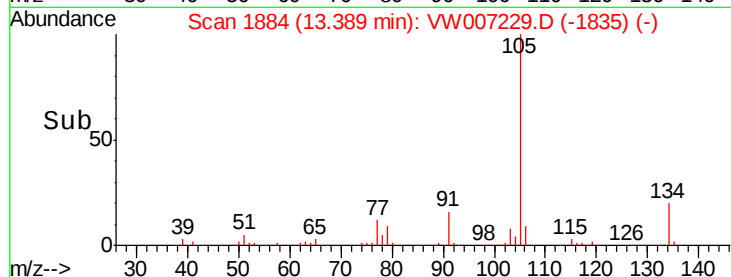
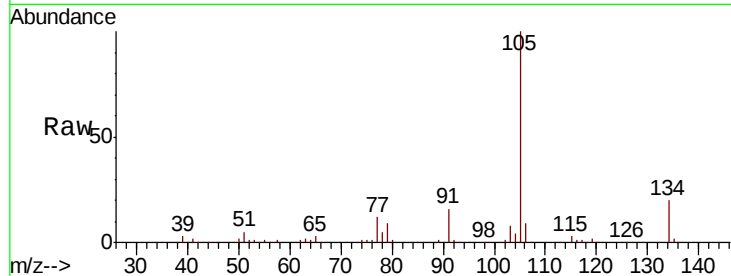




#85
 sec-Butylbenzene
 Concen: 49.235 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

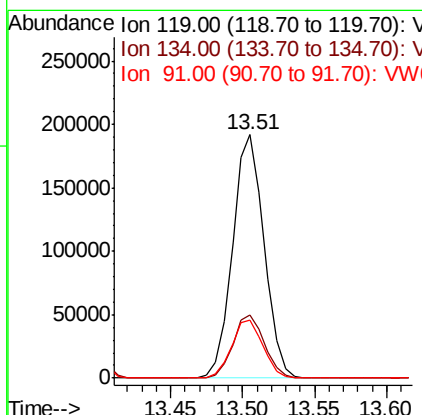
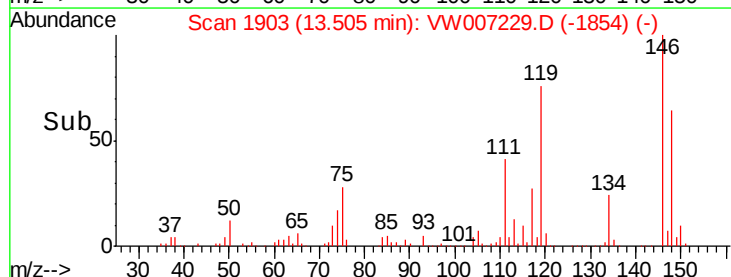
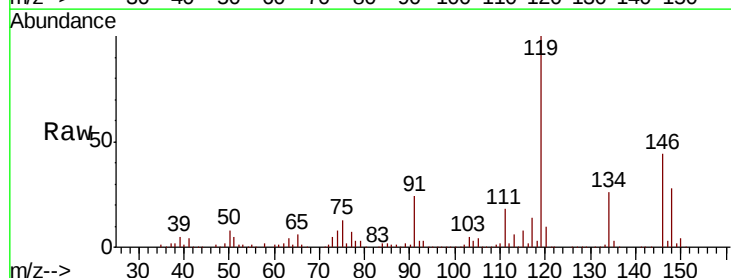
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

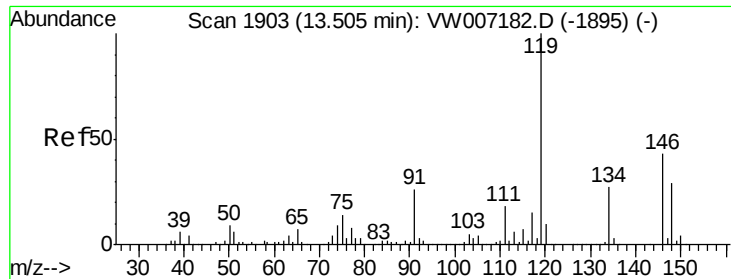
Tot Ion:105 Resp: 329498
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 48.891 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion:119 Resp: 291268
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.6
 91 24.0 12.4 37.2

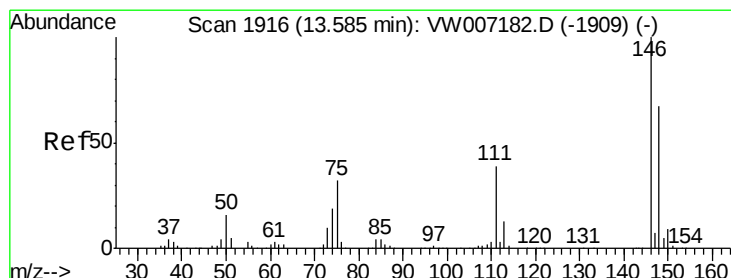
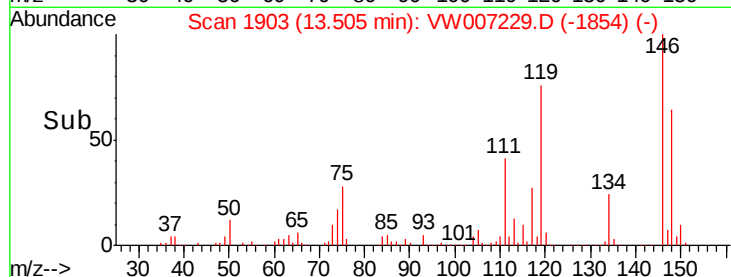
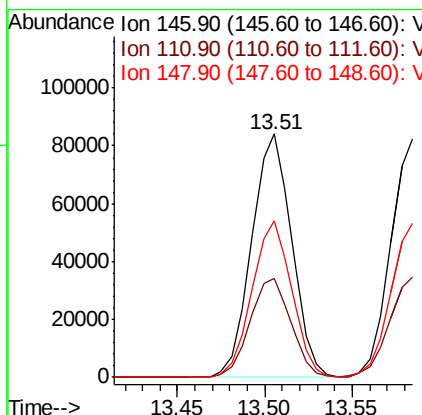
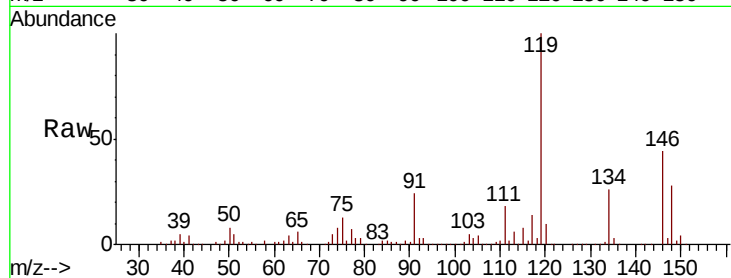




#87
 1,3-Dichlorobenzene
 Concen: 48.202 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

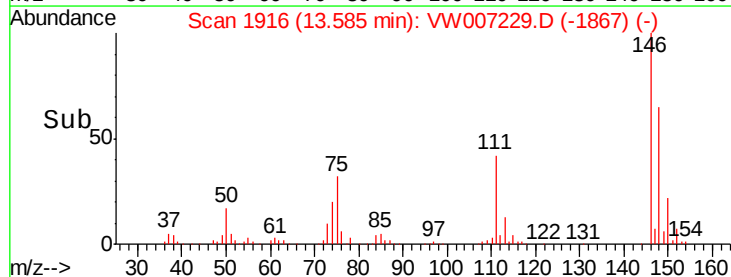
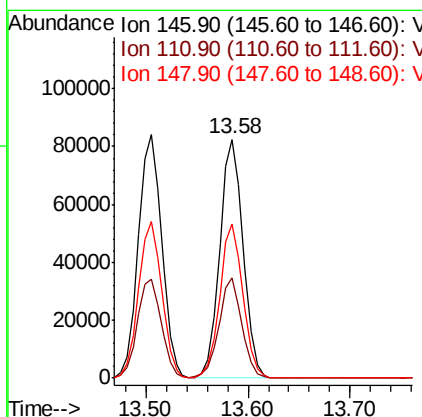
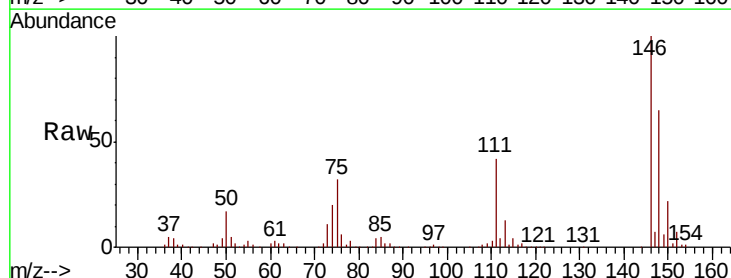
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

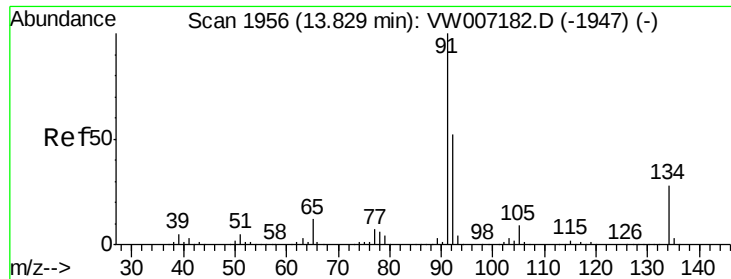
Tot Ion:146 Resp: 133932
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.4
 148 63.7 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 46.834 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion:146 Resp: 131445
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.6 58.8
 148 64.0 32.6 98.0





#89

n-Butylbenzene

Concen: 49.519 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

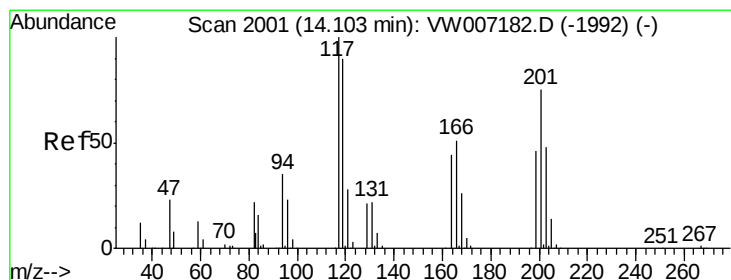
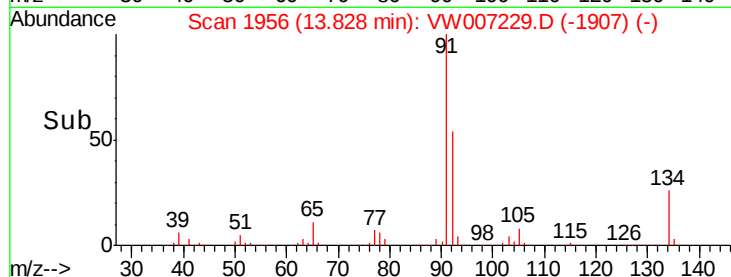
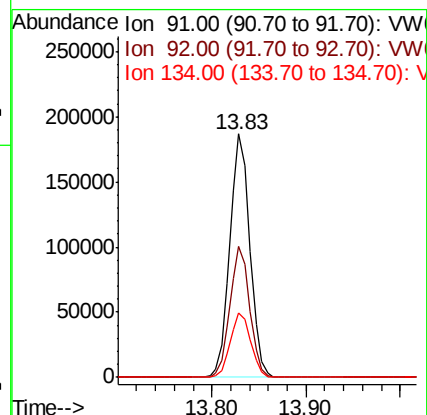
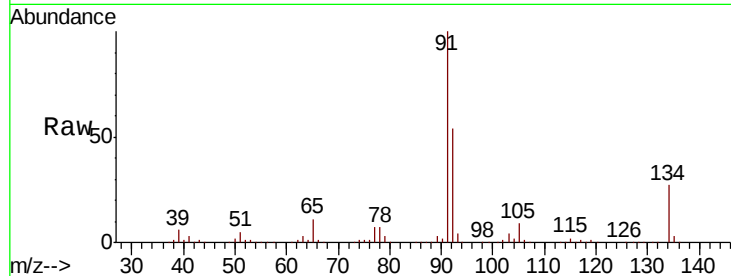
Tot Ion: 91 Resp: 275678

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 27.0 14.1 42.2



#90

Hexachloroethane

Concen: 49.748 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007229.D

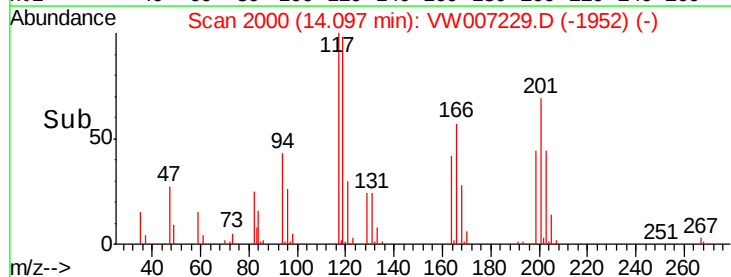
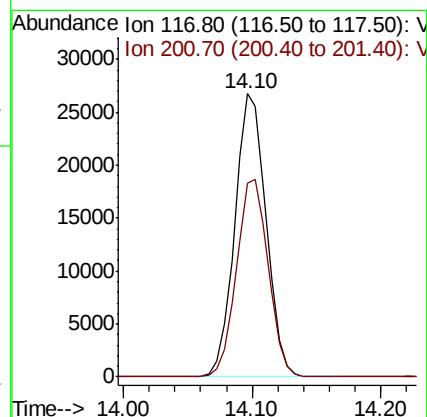
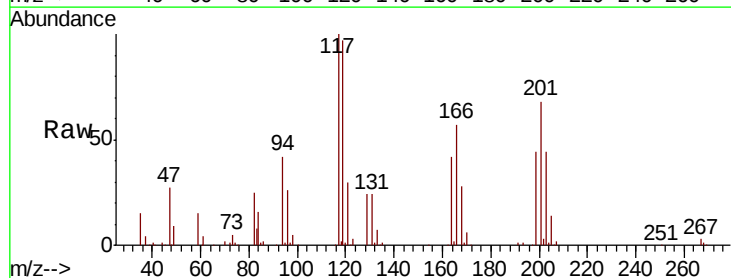
Acq: 05 Dec 2018 14:01

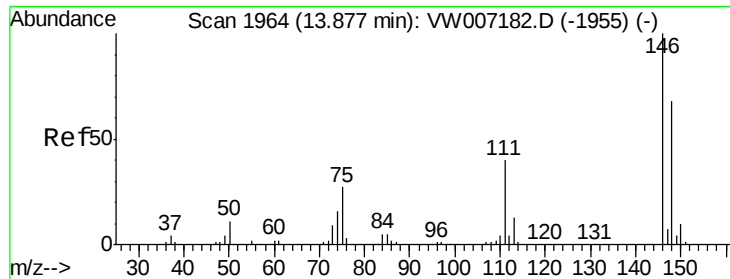
Tgt Ion: 117 Resp: 45164

Ion Ratio Lower Upper

117 100

201 70.5 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 48.425 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

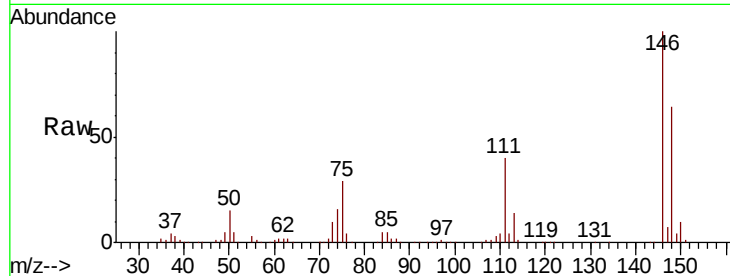
Tot Ion:146 Resp: 116482

Ion Ratio Lower Upper

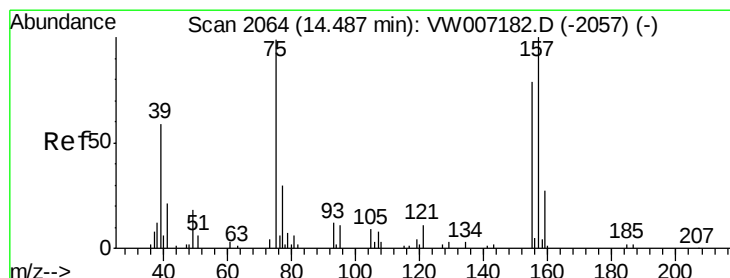
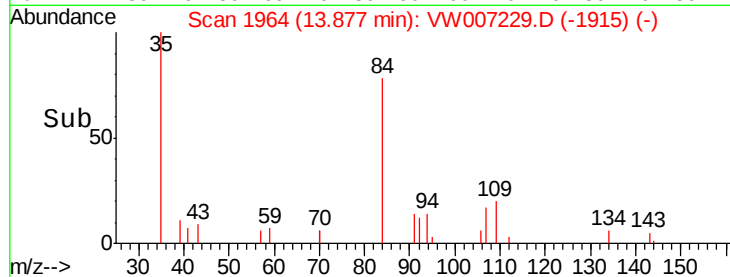
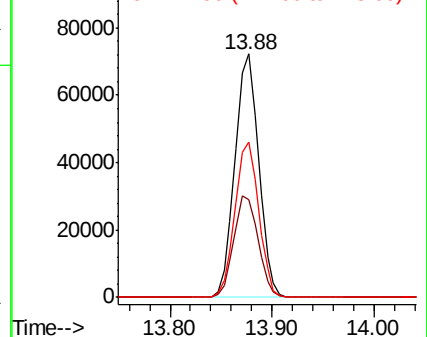
146 100

111 42.7 21.6 65.0

148 63.6 32.7 98.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.618 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW007229.D

Acq: 05 Dec 2018 14:01

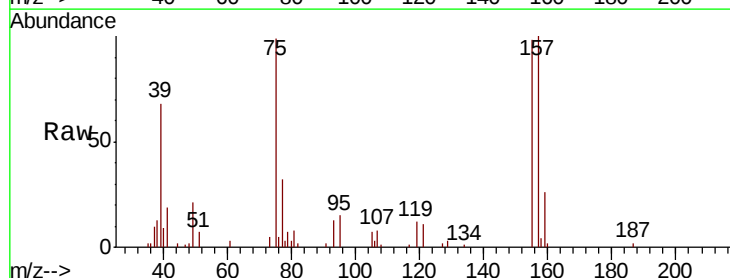
Tgt Ion: 75 Resp: 6881

Ion Ratio Lower Upper

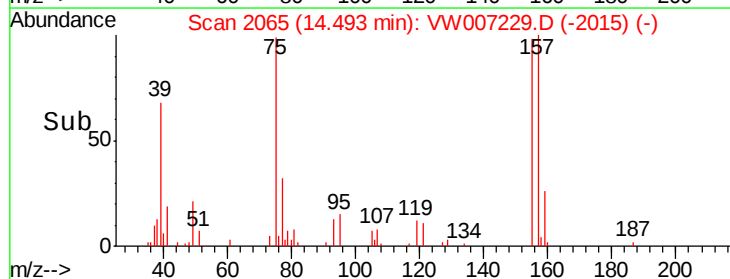
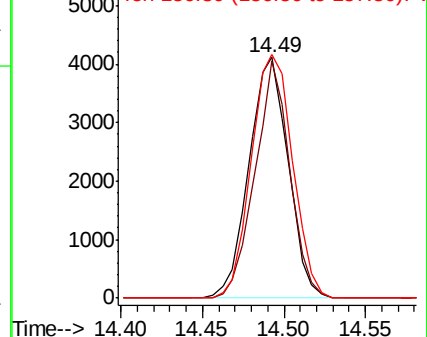
75 100

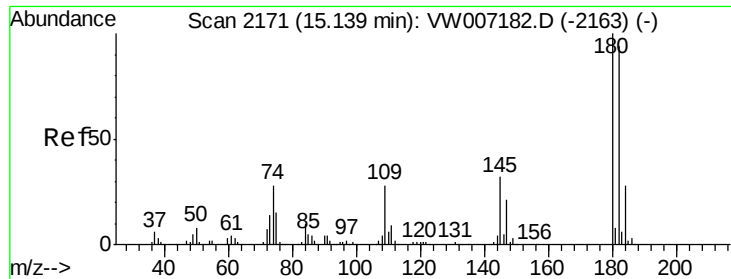
155 87.7 42.4 127.2

157 106.5 55.3 165.9



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

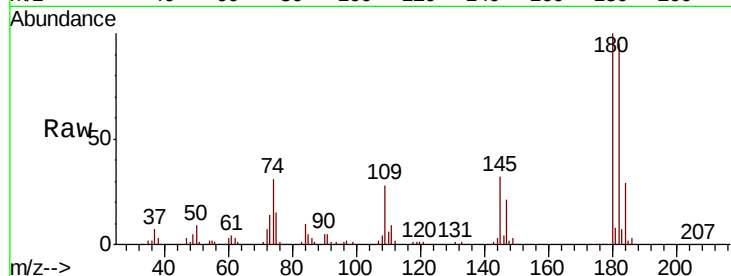




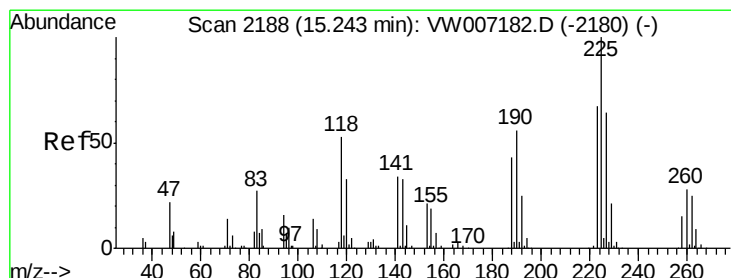
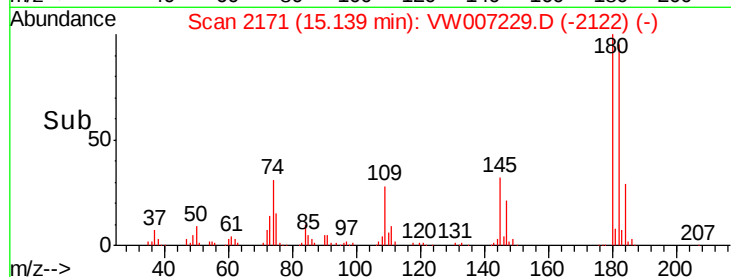
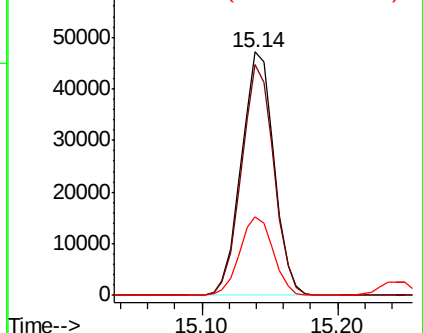
#93
 1,2,4-Trichlorobenzene
 Concen: 47.496 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 79174
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.9 143.8
 145 33.0 16.6 49.7

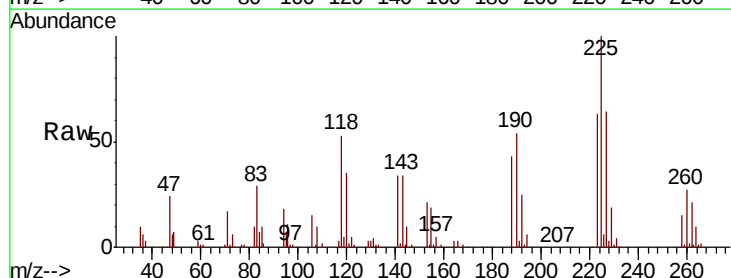


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

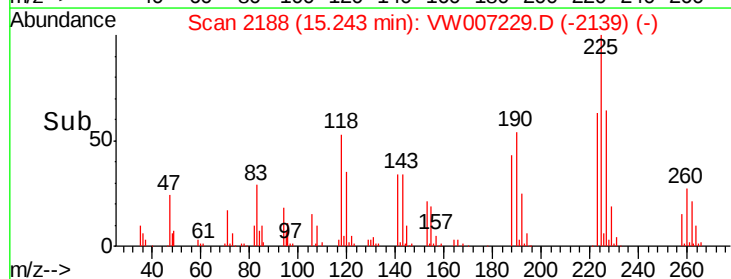
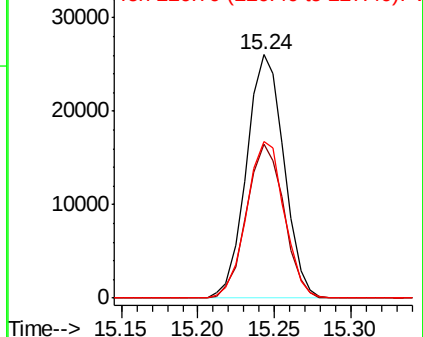


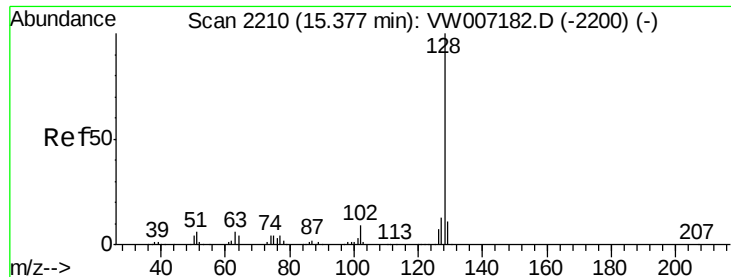
#94
 Hexachlorobutadiene
 Concen: 49.328 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007229.D
 Acq: 05 Dec 2018 14:01

Tgt Ion:225 Resp: 44342
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.3 96.8
 227 64.7 32.1 96.3



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

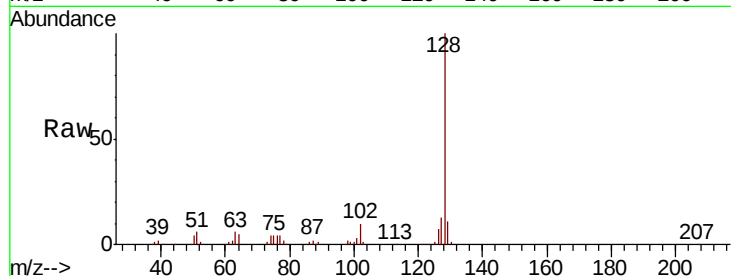




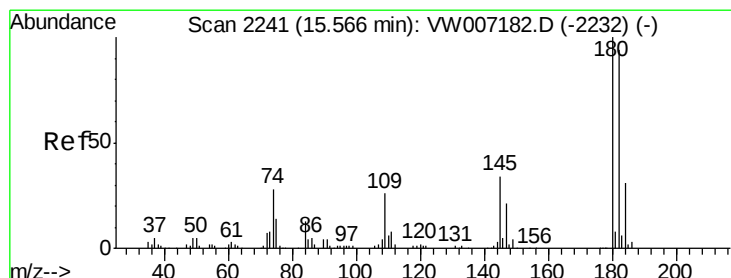
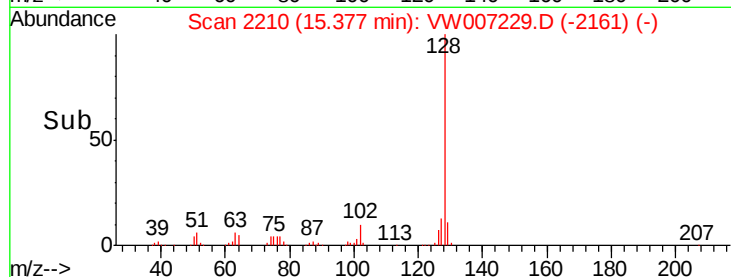
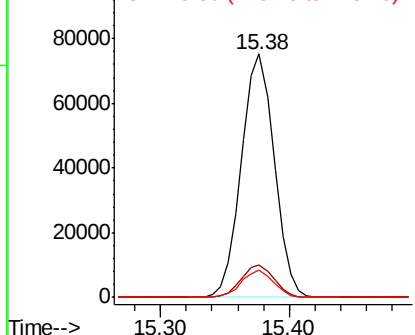
#95
Naphthalene
Concen: 44.614 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 133287
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0

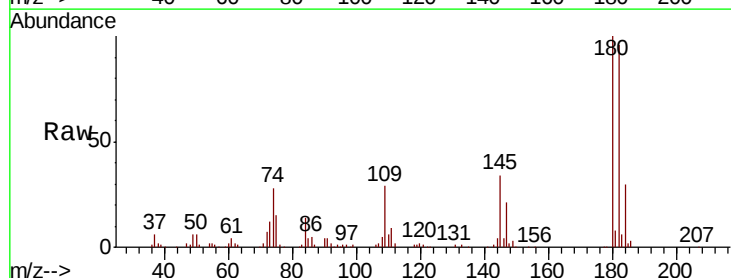


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 45.677 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007229.D
Acq: 05 Dec 2018 14:01

Tgt Ion:180 Resp: 64205
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 35.2 17.6 52.8



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

