

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
 Data File : VW012607.D
 Acq On : 04 Sep 2019 22:21
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 05 07:02:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	144069	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133381	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
35) Dibromofluoromethane	7.88	113	103218	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	10.32	98	391436	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	145223	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	60776	48.226	ug/l	98
3) Chloromethane	2.21	50	92844	47.552	ug/l	98
4) Vinyl Chloride	2.36	62	102053	42.704	ug/l	97
5) Bromomethane	2.76	94	59834	49.438	ug/l	97
6) Chloroethane	2.90	64	64452	47.809	ug/l	95
7) Trichlorofluoromethane	3.25	101	64372	53.645	ug/l	99
8) Diethyl Ether	3.68	74	68044	59.740	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109398	53.635	ug/l	97
10) Methyl Iodide	4.27	142	159035	57.626	ug/l	98
11) Tert butyl alcohol	5.18	59	47749	326.111	ug/l	98
12) 1,1-Dichloroethene	4.04	96	107244	52.239	ug/l	96
13) Acrolein	3.89	56	43125	312.890	ug/l	97
14) Allyl chloride	4.67	41	240489	54.795	ug/l	97
15) Acrylonitrile	5.37	53	180283	319.336	ug/l	99
16) Acetone	4.12	43	171103	275.112	ug/l	99
17) Carbon Disulfide	4.38	76	291728	47.019	ug/l	99
18) Methyl Acetate	4.67	43	104539	67.863	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	220577	66.440	ug/l	99
20) Methylene Chloride	4.91	84	136696	58.139	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122573	55.677	ug/l	100
22) Diisopropyl ether	6.31	45	491490	60.415	ug/l	98
23) Vinyl Acetate	6.25	43	1520600	303.721	ug/l	99
24) 1,1-Dichloroethane	6.21	63	263064	59.389	ug/l	99
25) 2-Butanone	7.17	43	256358	303.331	ug/l	98
26) 2,2-Dichloropropane	7.16	77	138027	55.053	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	141487	60.154	ug/l	99
28) Bromochloromethane	7.51	49	102746	53.220	ug/l	95
29) Tetrahydrofuran	7.52	42	164082	323.601	ug/l	99
30) Chloroform	7.67	83	253546	62.565	ug/l	99
31) Cyclohexane	7.95	56	204049	46.561	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	195055	60.843	ug/l	100
36) 1,1-Dichloropropene	8.08	75	186260	55.247	ug/l	100
37) Ethyl Acetate	7.25	43	115578	62.560	ug/l	99
38) Carbon Tetrachloride	8.07	117	174431	59.777	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197635	52.181	ug/l	99
40) Benzene	8.32	78	538415	58.486	ug/l	99
41) Methacrylonitrile	7.48	41	71575	65.918	ug/l	97
42) 1,2-Dichloroethane	8.40	62	191833	66.489	ug/l	99
43) Isopropyl Acetate	8.42	43	213270	62.321	ug/l	99
44) Trichloroethene	9.09	130	133693	59.740	ug/l	94
45) 1,2-Dichloropropane	9.37	63	147311	59.458	ug/l	98
46) Dibromomethane	9.46	93	71213	64.601	ug/l	98
47) Bromodichloromethane	9.64	83	187058	63.760	ug/l	97
48) Methyl methacrylate	9.43	41	106374	65.310	ug/l	94
49) 1,4-Dioxane	9.45	88	22701	1345.196	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	563117	323.521	ug/l	100
52) Toluene	10.38	92	328072	59.322	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	190333	63.690	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	221852	61.482	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	100325	64.325	ug/l	99
56) Ethyl methacrylate	10.65	69	149177	65.718	ug/l	100
57) 1,3-Dichloropropane	10.93	76	190330	64.576	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	339142	291.110	ug/l	100
59) 2-Hexanone	10.97	43	383785	311.621	ug/l	100
60) Dibromochloromethane	11.13	129	115151	66.285	ug/l	99
61) 1,2-Dibromoethane	11.23	107	94362	64.942	ug/l	99
64) Tetrachloroethene	10.86	164	119254	62.666	ug/l	97
65) Chlorobenzene	11.66	112	343356	59.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	128647	63.803	ug/l	99
67) Ethyl Benzene	11.73	91	653034	58.654	ug/l	99
68) m/p-Xylenes	11.84	106	466990	116.443	ug/l	99
69) o-Xylene	12.16	106	220452	59.392	ug/l	99
70) Styrene	12.18	104	390903	60.843	ug/l	99
71) Bromoform	12.35	173	67071	66.765	ug/l #	99
73) Isopropylbenzene	12.46	105	614971	56.967	ug/l	99
74) N-amyl acetate	12.27	43	193404	59.298	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	116608	58.920	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	157849	112.498	ug/l #	100
77) Bromobenzene	12.74	156	140352	60.096	ug/l	97
78) n-propylbenzene	12.80	91	744583	56.498	ug/l	99
79) 2-Chlorotoluene	12.89	91	435876	58.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	529456	58.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37458	58.532	ug/l	98
82) 4-Chlorotoluene	12.99	91	456783	58.305	ug/l	100
83) tert-Butylbenzene	13.21	119	454870	59.529	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	530020	58.492	ug/l	100
85) sec-Butylbenzene	13.38	105	622539	56.867	ug/l	99
86) p-Isopropyltoluene	13.50	119	566987	57.995	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	271257	59.381	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	265899	58.623	ug/l	100
89) n-Butylbenzene	13.82	91	547777	56.343	ug/l	99
90) Hexachloroethane	14.09	117	101407	59.120	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	244355	60.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21624	64.812	ug/l	95

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QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

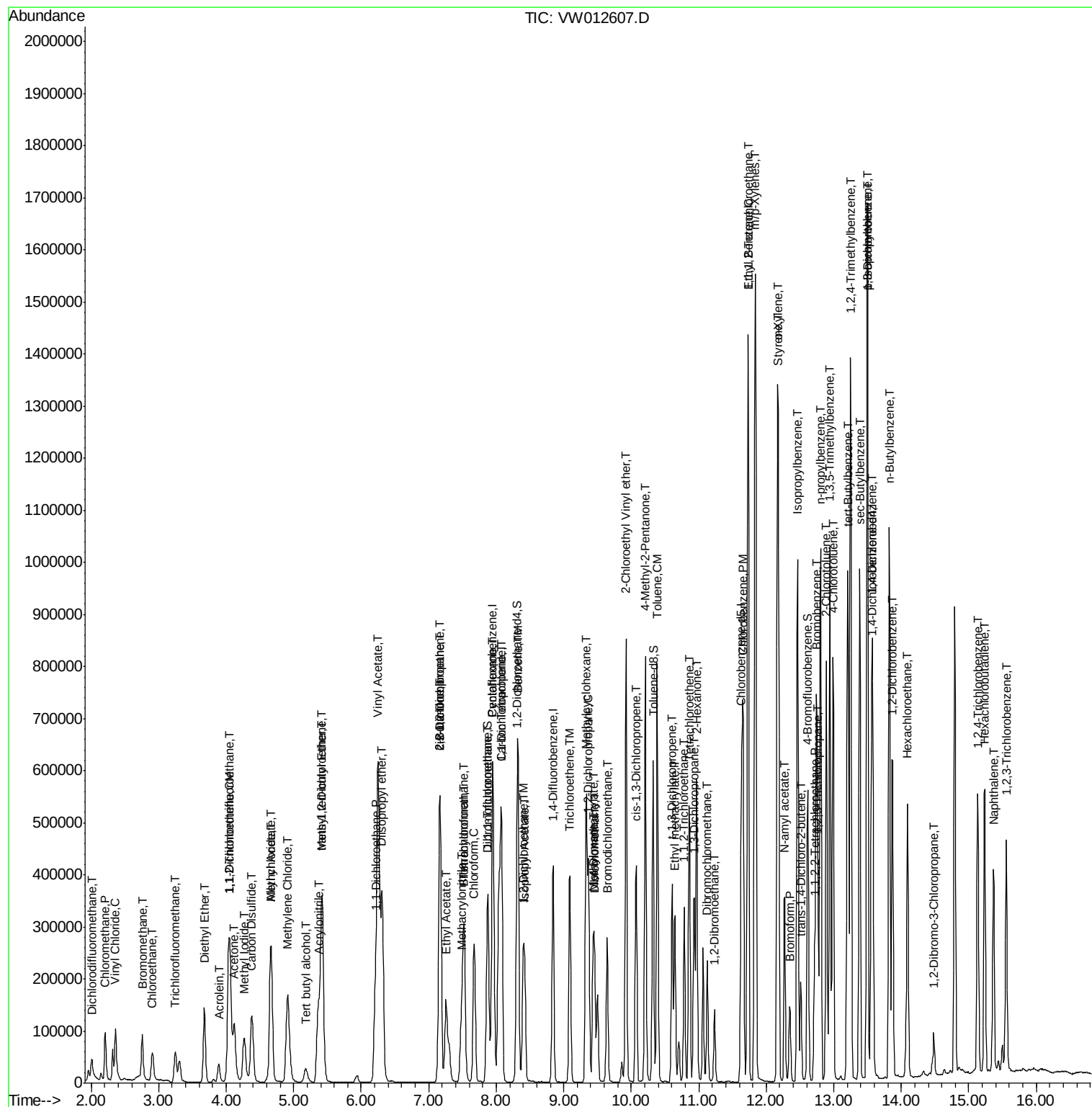
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	171107	61.786	ug/l	99
94) Hexachlorobutadiene	15.24	225	112686	61.625	ug/l	98
95) Naphthalene	15.36	128	315496	57.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	151647	62.763	ug/l	99

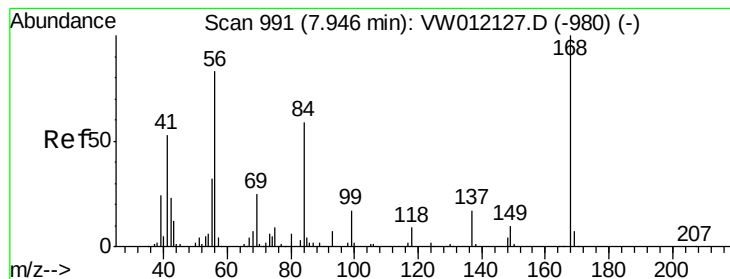
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

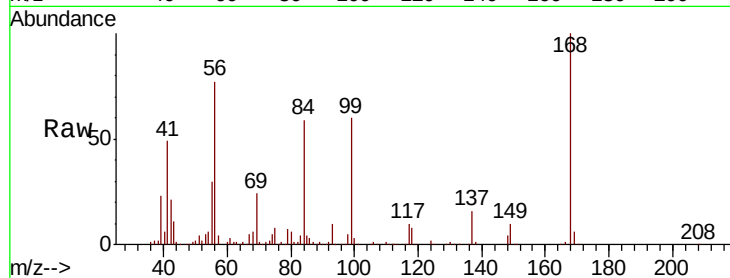
VSTDCCC050EC

Tgt Ion:168 Resp: 204672

Ion Ratio Lower Upper

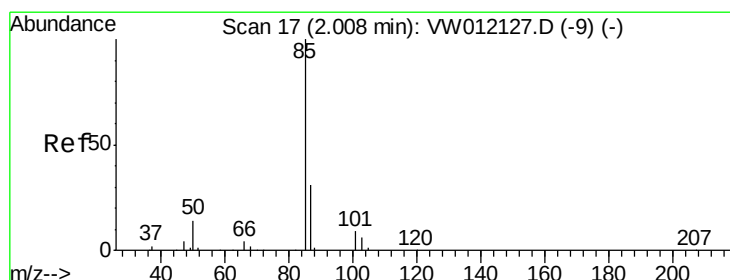
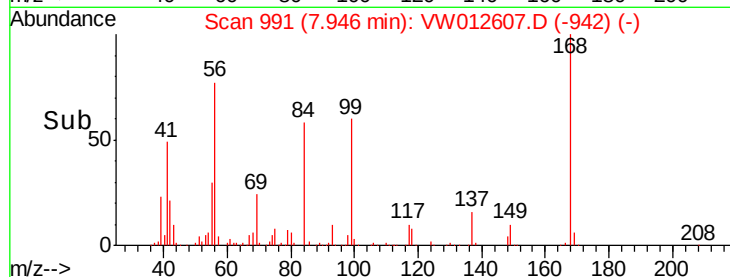
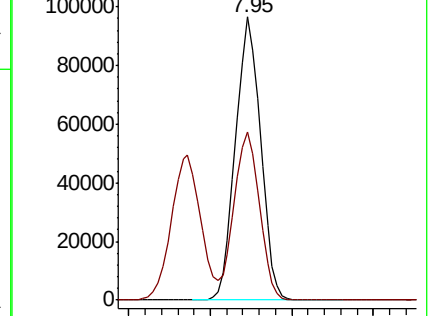
168 100

99 59.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.226 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012607.D

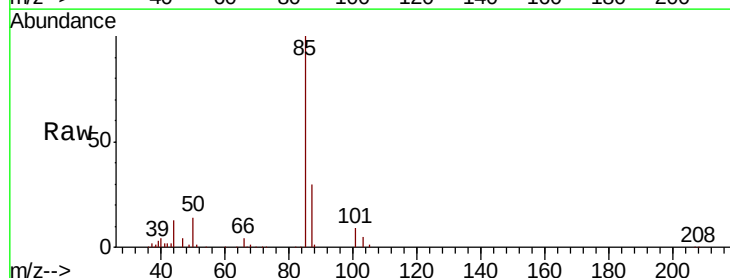
Acq: 04 Sep 2019 22:21

Tgt Ion: 85 Resp: 60776

Ion Ratio Lower Upper

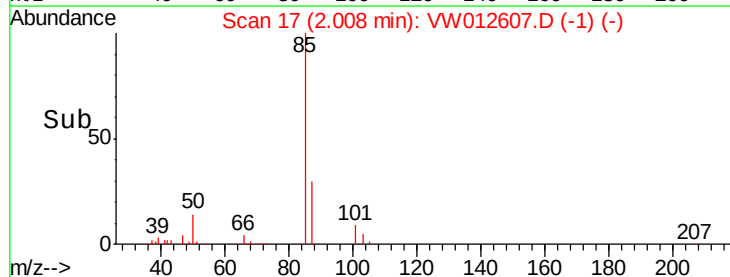
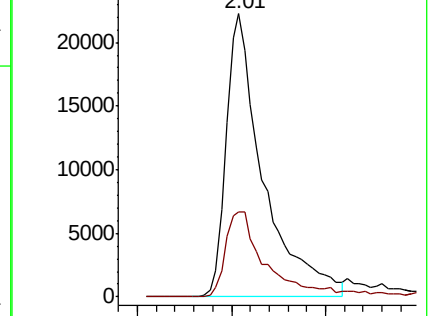
85 100

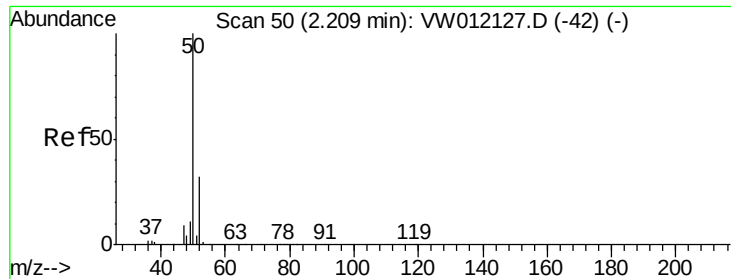
87 30.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.552 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

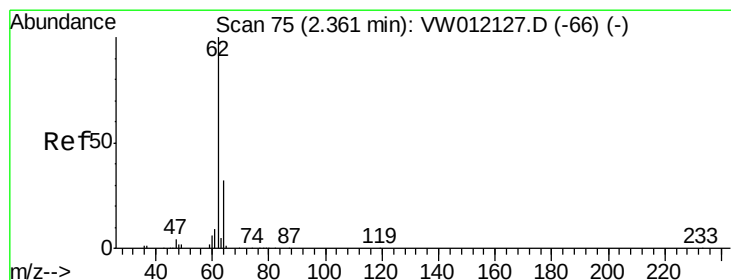
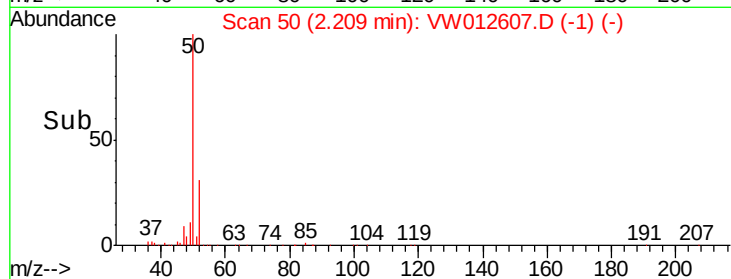
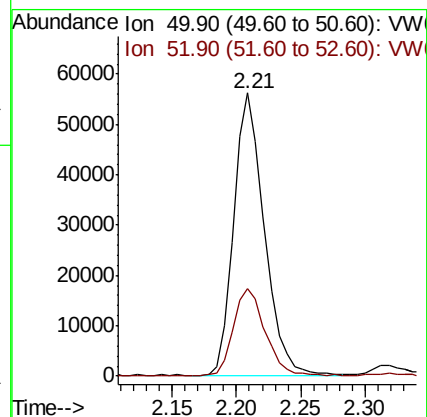
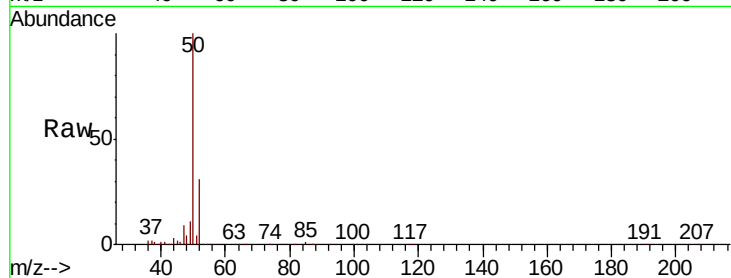
VSTDCCC050EC

Tgt Ion: 50 Resp: 92844

Ion Ratio Lower Upper

50 100

52 31.0 25.5 38.3



#4

Vinyl Chloride

Concen: 42.704 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012607.D

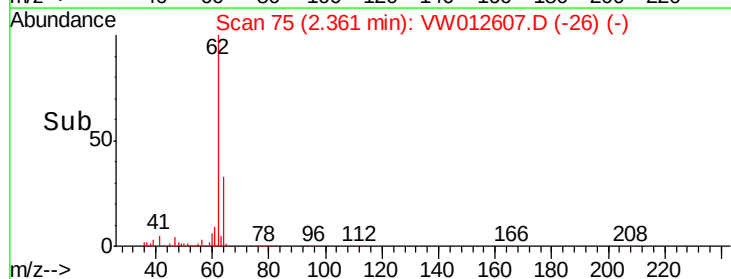
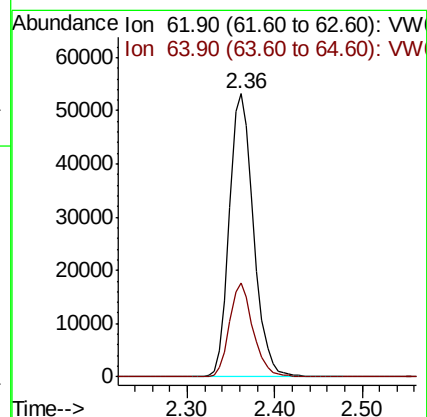
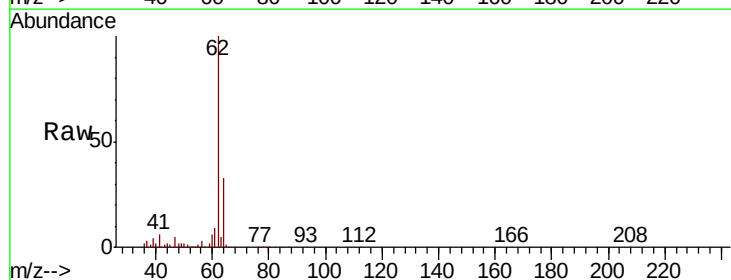
Acq: 04 Sep 2019 22:21

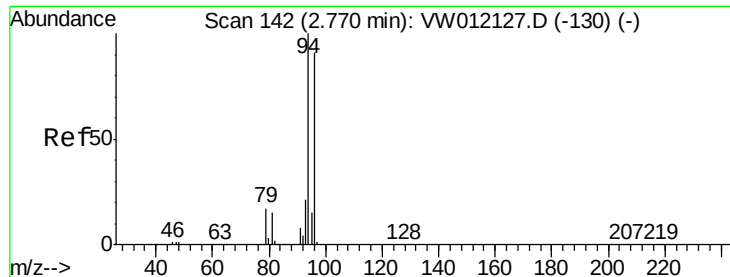
Tgt Ion: 62 Resp: 102053

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9





#5

Bromomethane

Concen: 49.438 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

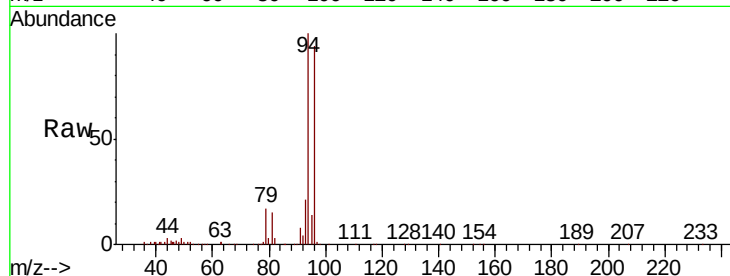
VSTDCCC050EC

Tgt Ion: 94 Resp: 59834

Ion Ratio Lower Upper

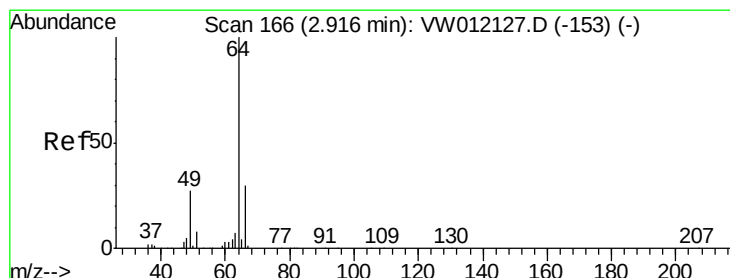
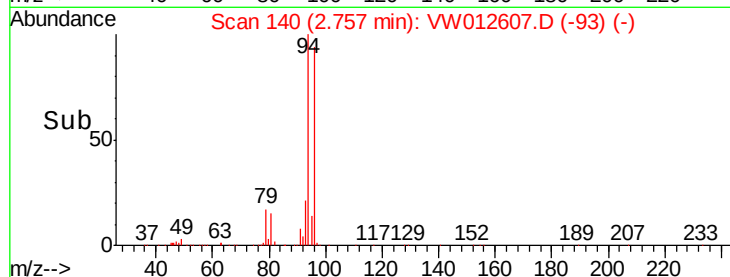
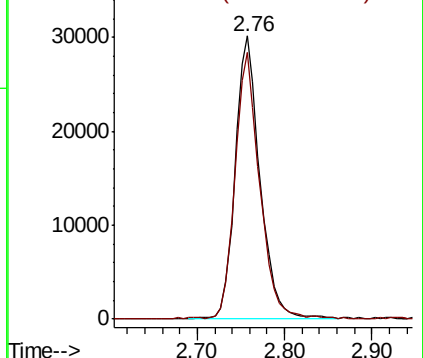
94 100

96 94.0 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 47.809 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012607.D

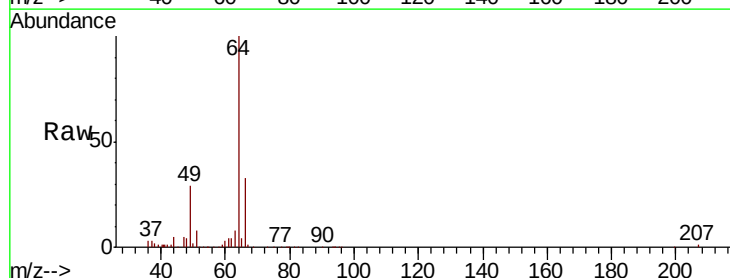
Acq: 04 Sep 2019 22:21

Tgt Ion: 64 Resp: 64452

Ion Ratio Lower Upper

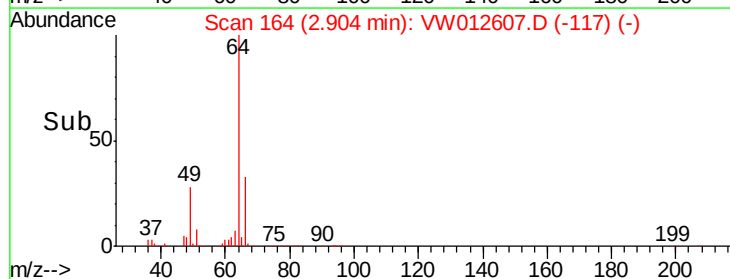
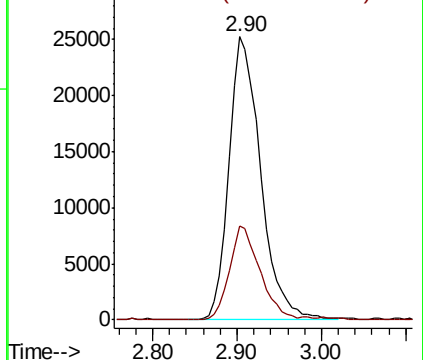
64 100

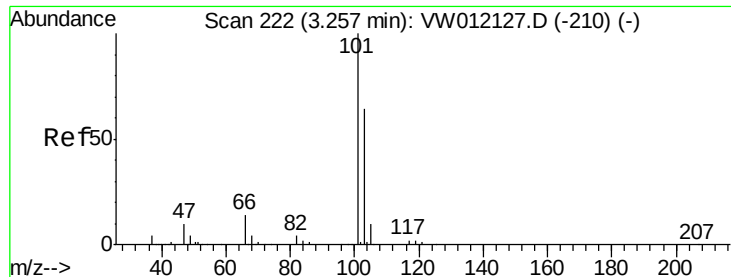
66 32.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



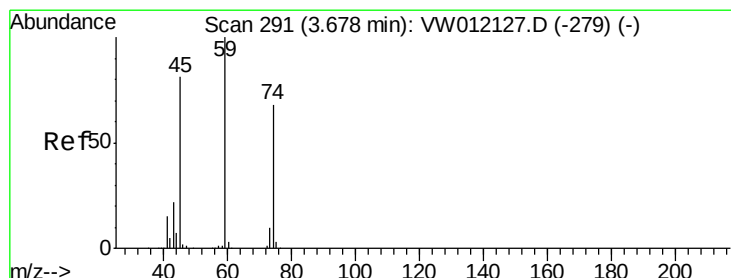
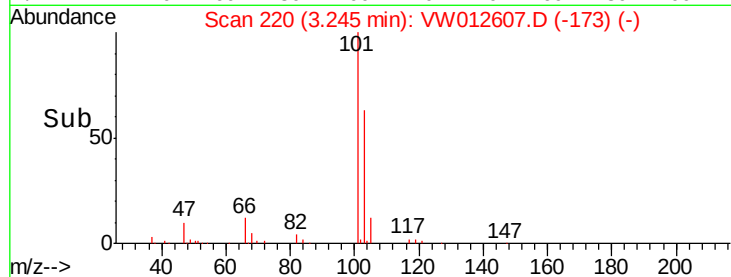
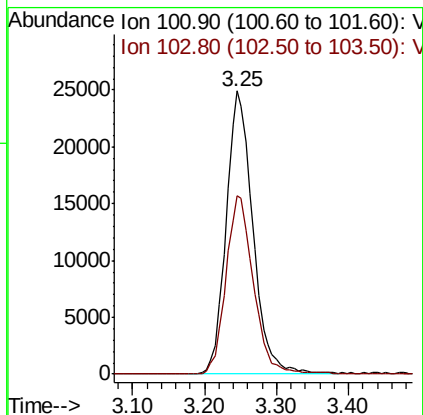
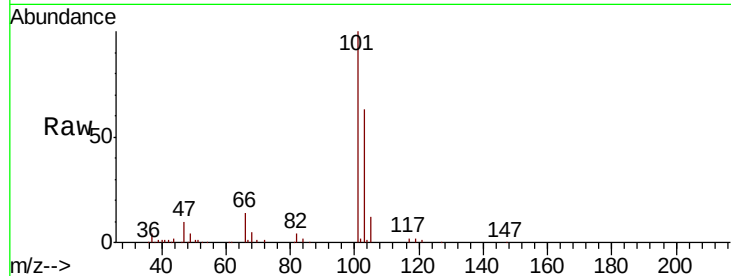


#7

Trichlorofluoromethane
 Concen: 53.645 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012607.D
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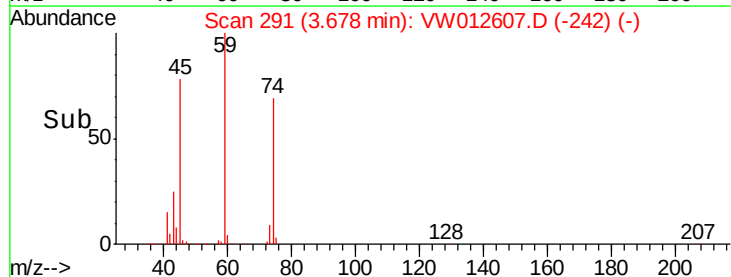
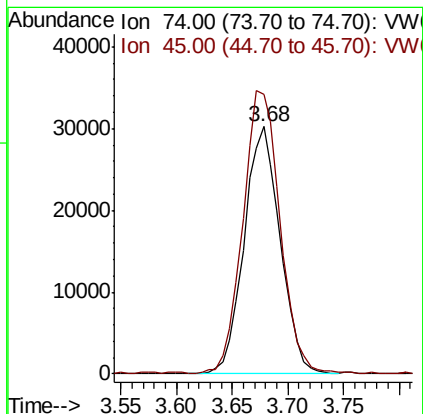
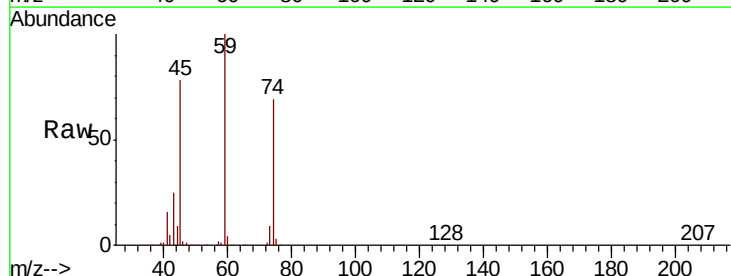
Tgt Ion:101 Resp: 64372
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.2 76.8

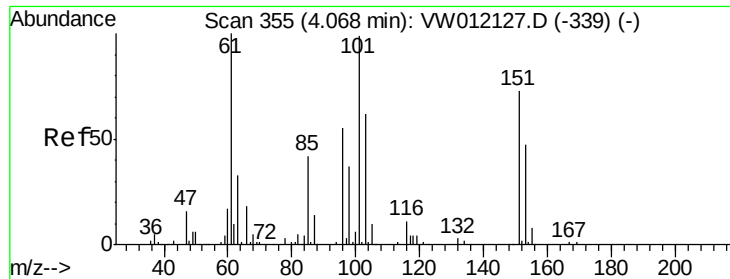


#8

Diethyl Ether
 Concen: 59.740 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 74 Resp: 68044
 Ion Ratio Lower Upper
 74 100
 45 117.5 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.635 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

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VSTDCCC050EC

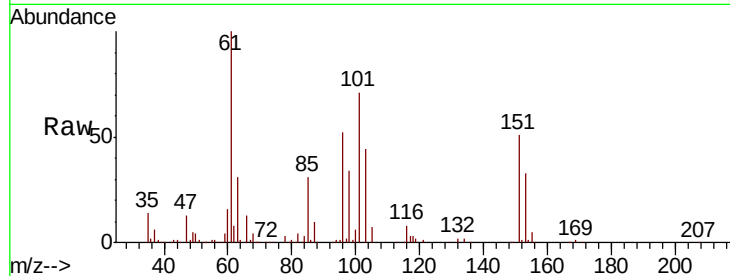
Tgt Ion:101 Resp: 109398

Ion Ratio Lower Upper

101 100

85 45.7 35.8 53.6

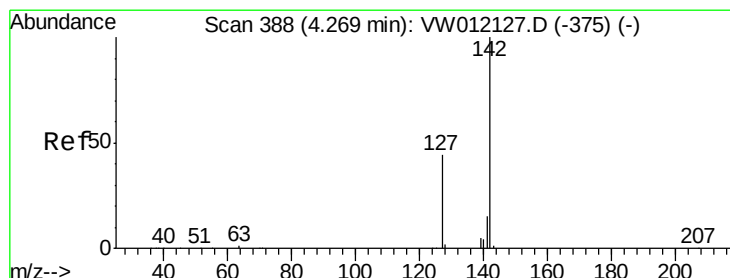
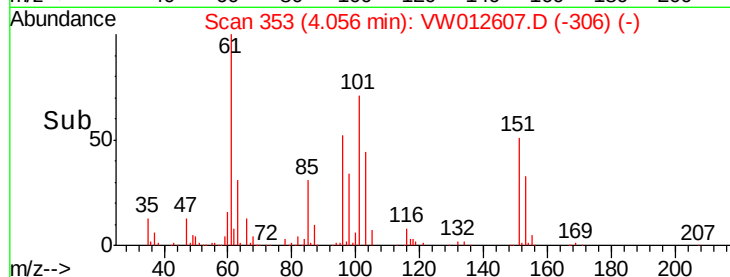
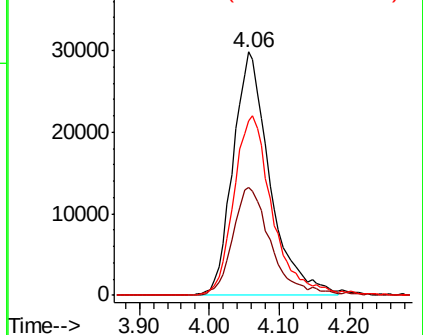
151 76.9 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.626 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

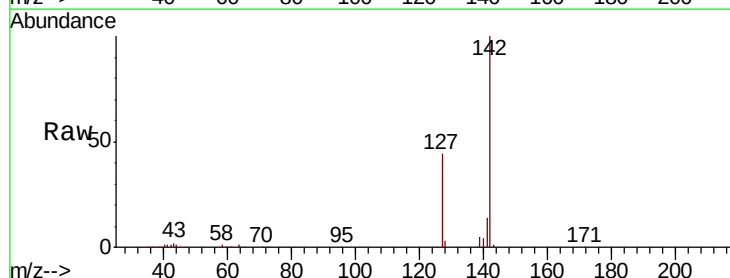
Tgt Ion:142 Resp: 159035

Ion Ratio Lower Upper

142 100

127 46.2 35.5 53.3

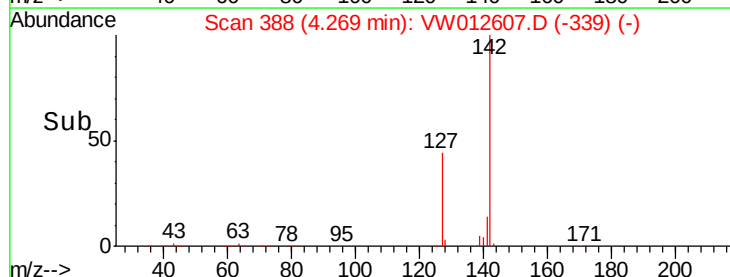
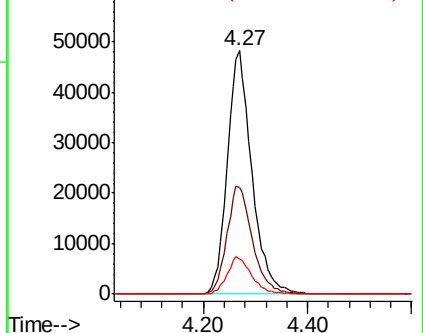
141 15.2 11.8 17.8

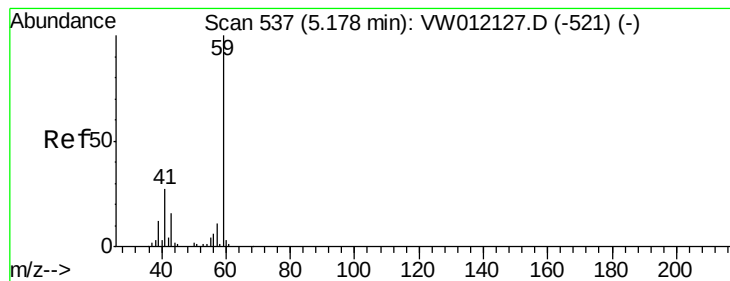


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



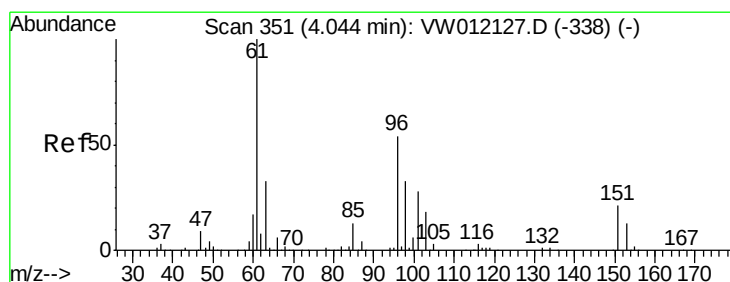
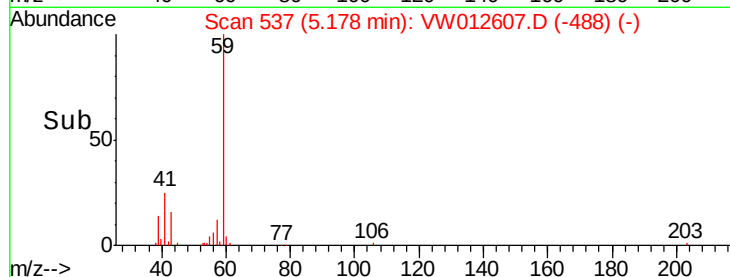
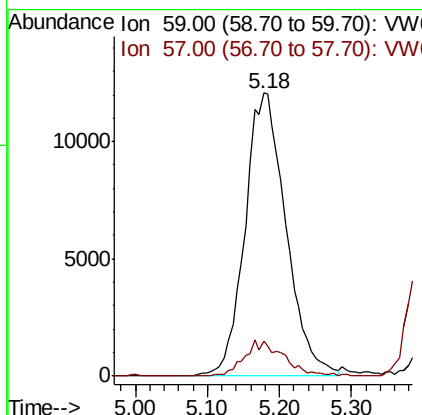
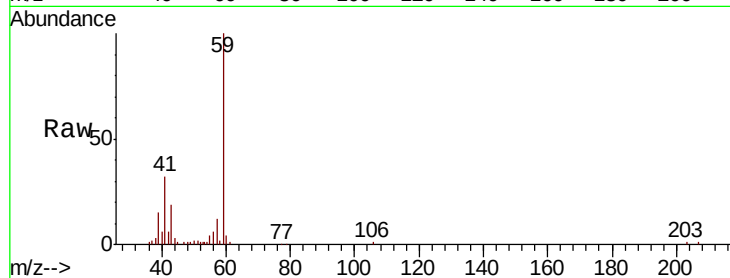


#11

Tert butyl alcohol
 Concen: 326.111 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

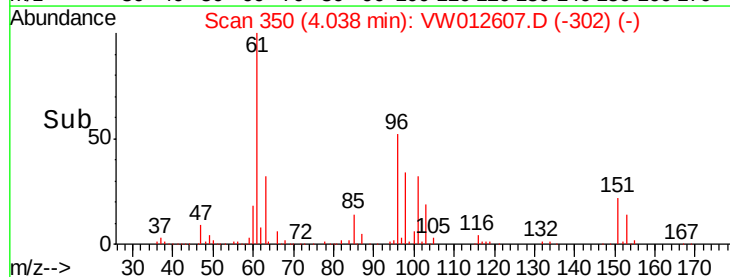
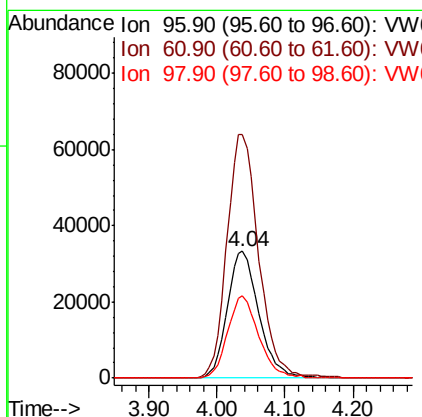
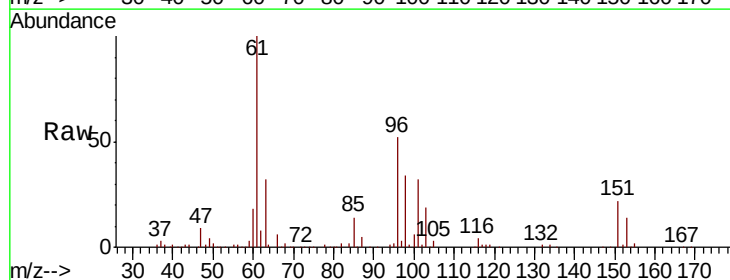
Tgt Ion: 59 Resp: 47749
 Ion Ratio Lower Upper
 59 100
 57 11.9 9.0 13.4

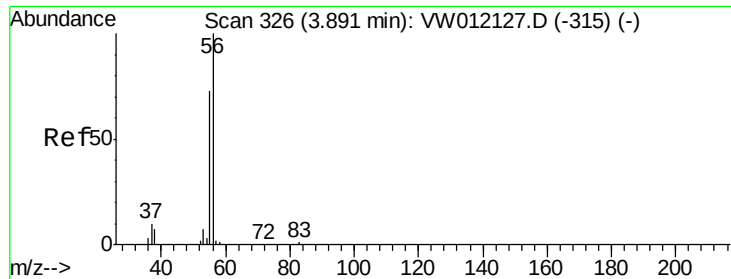


#12

1,1-Dichloroethene
 Concen: 52.239 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 96 Resp: 107244
 Ion Ratio Lower Upper
 96 100
 61 192.0 149.1 223.7
 98 65.0 49.4 74.2

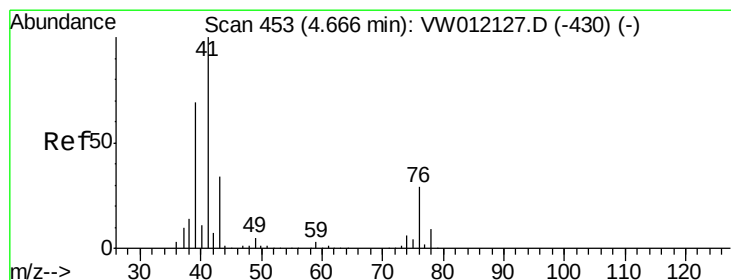
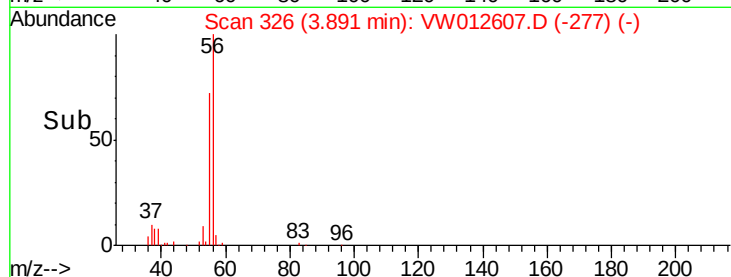
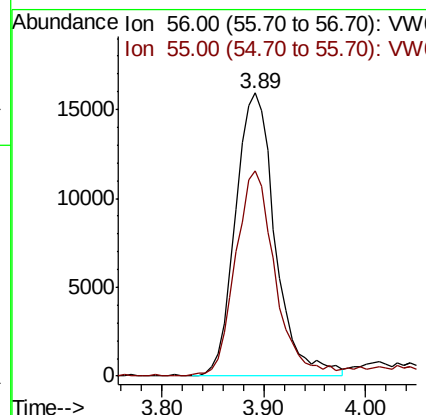
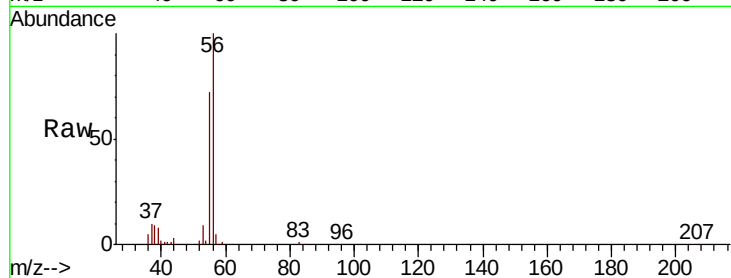




#13
 Acrolein
 Concen: 312.890 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

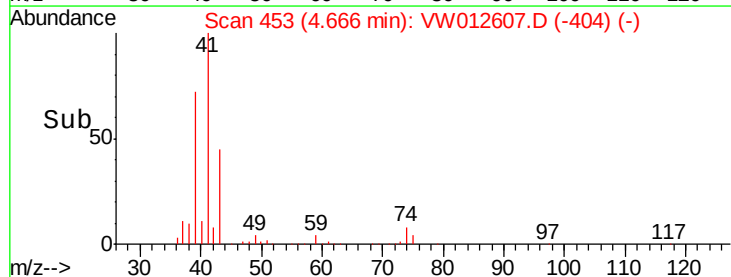
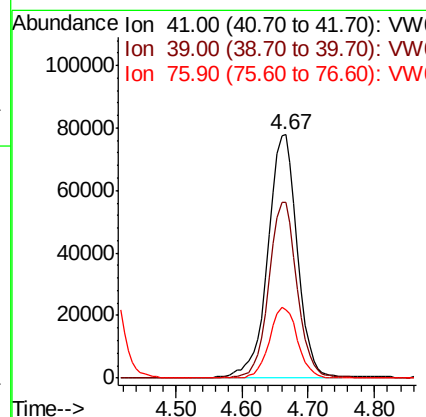
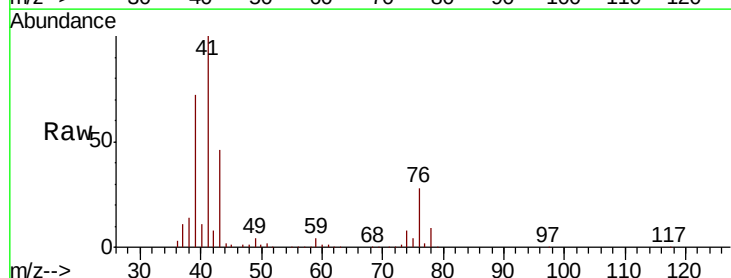
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

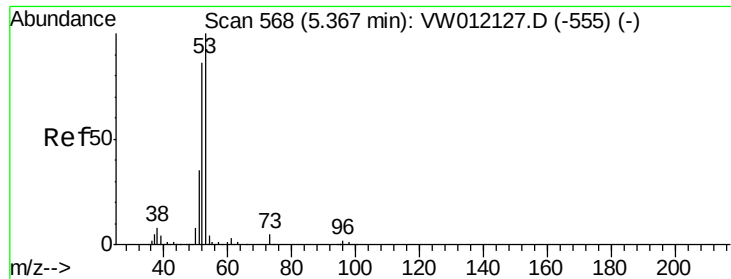
Tgt Ion: 56 Resp: 43125
 Ion Ratio Lower Upper
 56 100
 55 72.6 55.8 83.8



#14
 Allyl chloride
 Concen: 54.795 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 41 Resp: 240489
 Ion Ratio Lower Upper
 41 100
 39 69.9 53.4 80.2
 76 28.0 22.1 33.1





#15

Acrylonitrile

Concen: 319.336 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

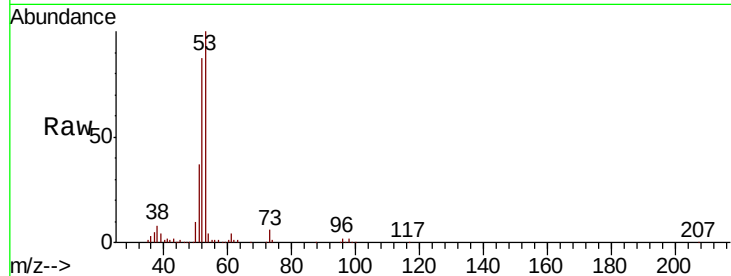
Tgt Ion: 53 Resp: 180283

Ion Ratio Lower Upper

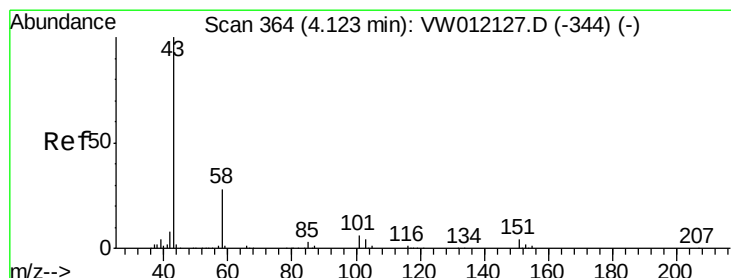
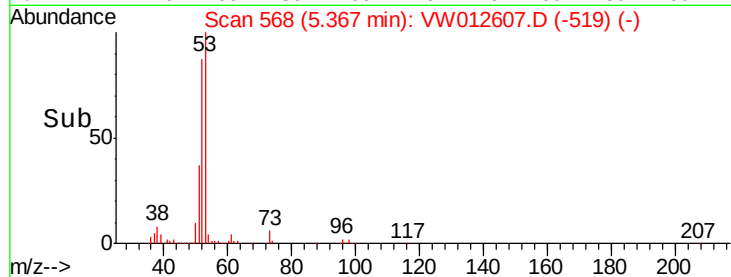
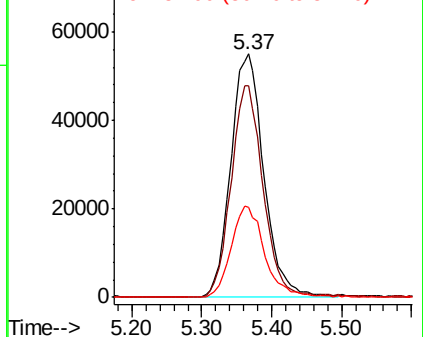
53 100

52 84.0 66.7 100.1

51 37.9 30.1 45.1



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: 275.112 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012607.D

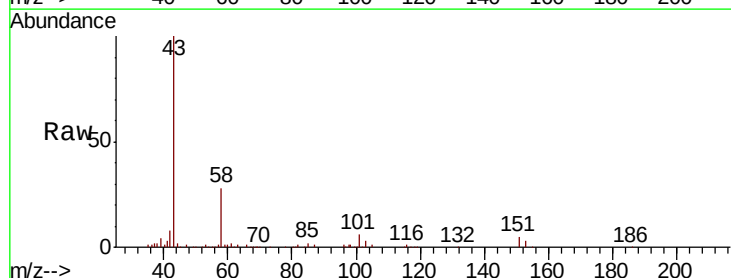
Acq: 04 Sep 2019 22:21

Tgt Ion: 43 Resp: 171103

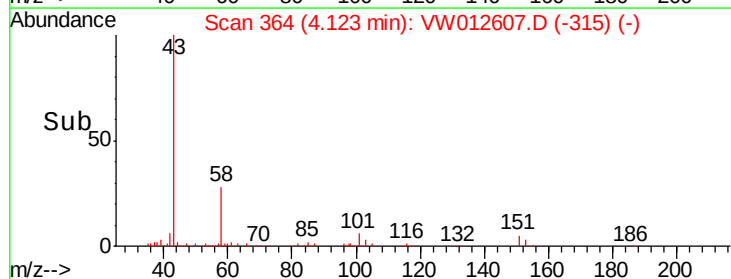
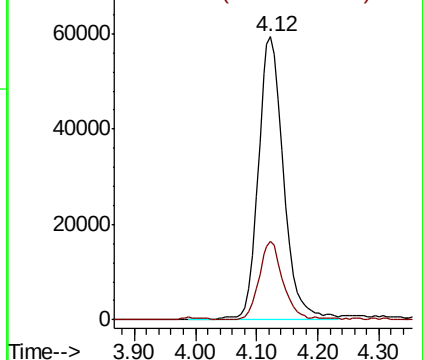
Ion Ratio Lower Upper

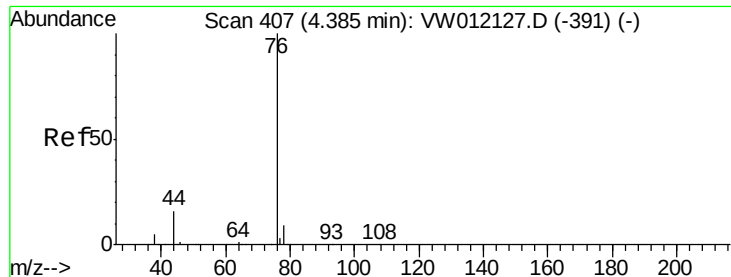
43 100

58 27.3 22.4 33.6



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





#17

Carbon Disulfide

Concen: 47.019 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

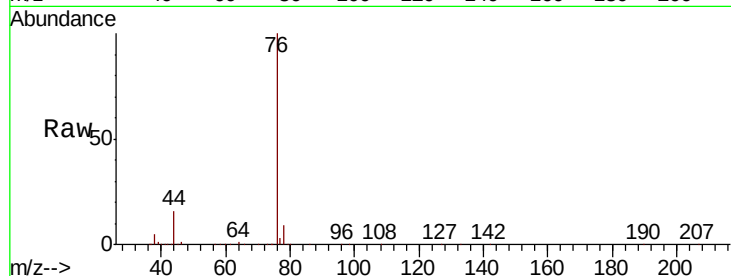
VSTDCCC050EC

Tgt Ion: 76 Resp: 291728

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

100000

80000

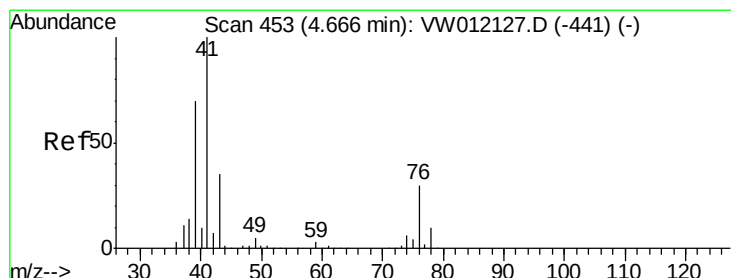
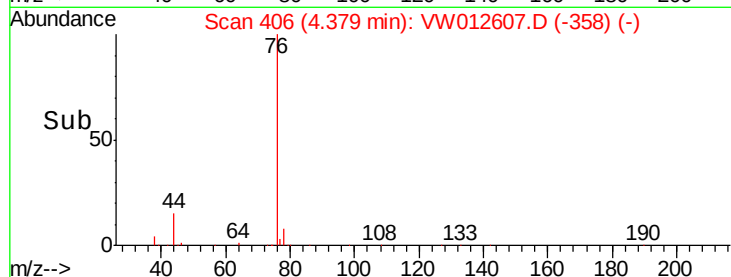
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 67.863 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012607.D

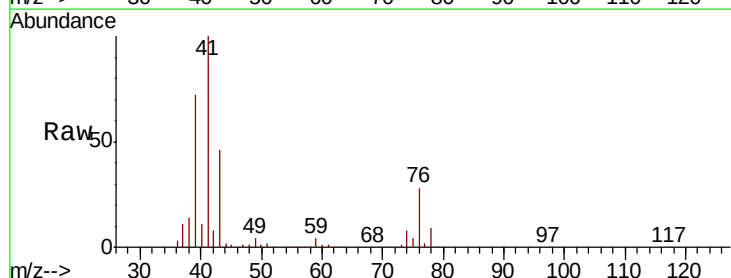
Acq: 04 Sep 2019 22:21

Tgt Ion: 43 Resp: 104539

Ion Ratio Lower Upper

43 100

74 18.9 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

40000

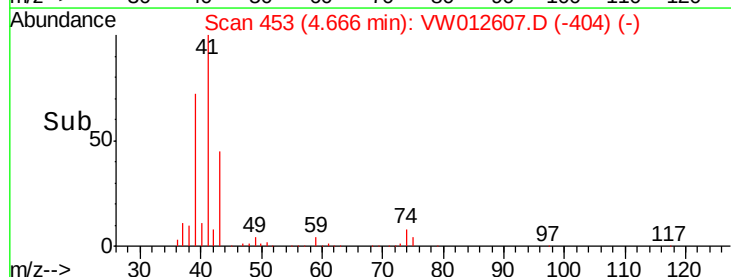
30000

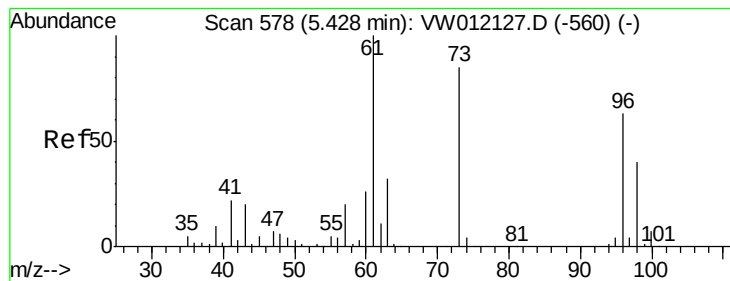
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 66.440 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

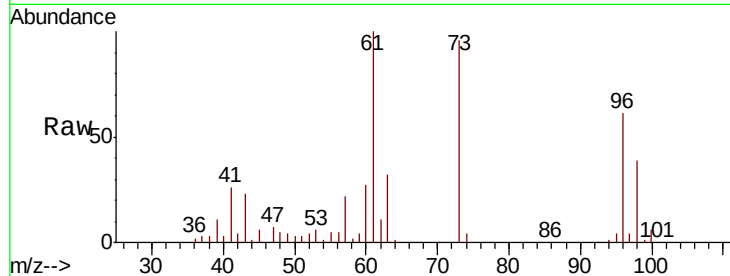
VSTDCCC050EC

Tgt Ion: 73 Resp: 220577

Ion Ratio Lower Upper

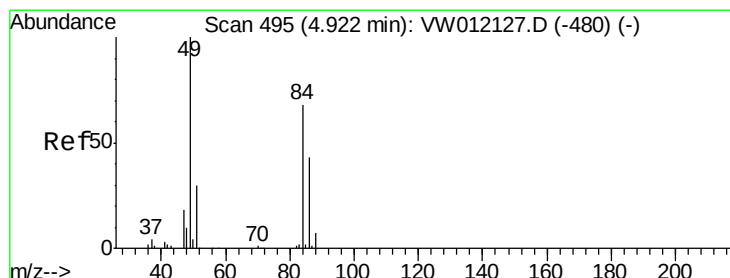
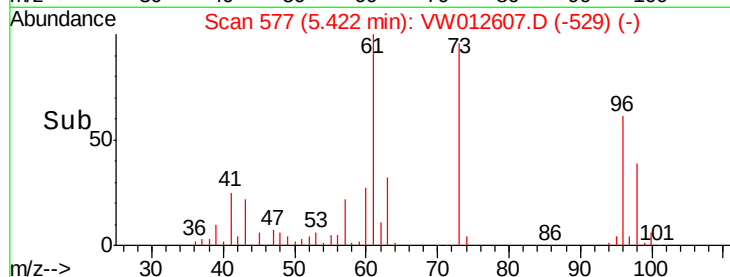
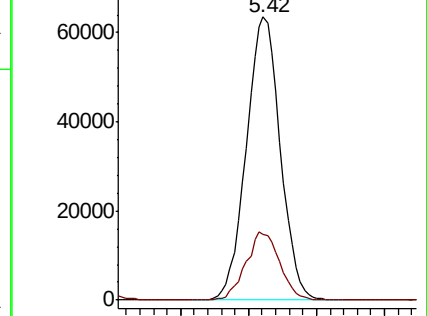
73 100

57 23.4 18.9 28.3



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 58.139 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion: 84 Resp: 136696

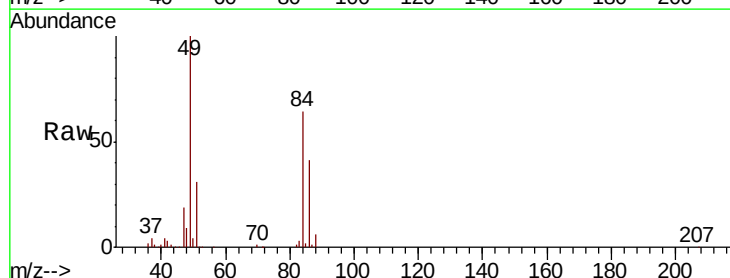
Ion Ratio Lower Upper

84 100

49 154.8 117.8 176.8

51 47.9 35.6 53.4

86 63.7 51.2 76.8

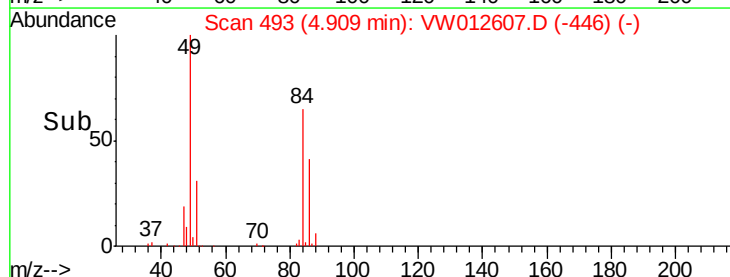
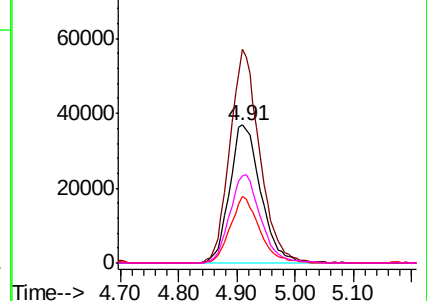


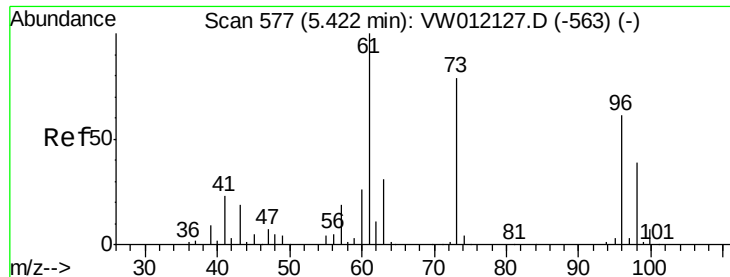
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 55.677 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

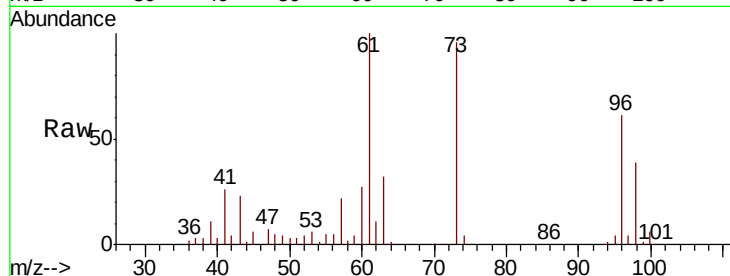
Tgt Ion: 96 Resp: 122573

Ion Ratio Lower Upper

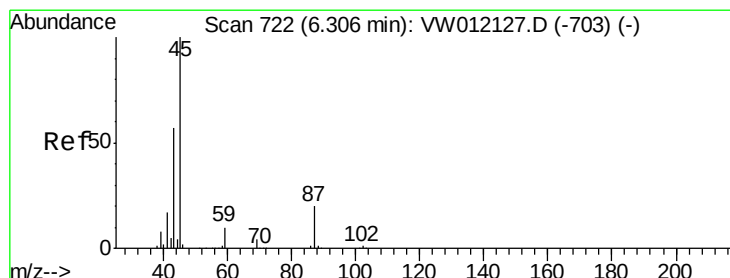
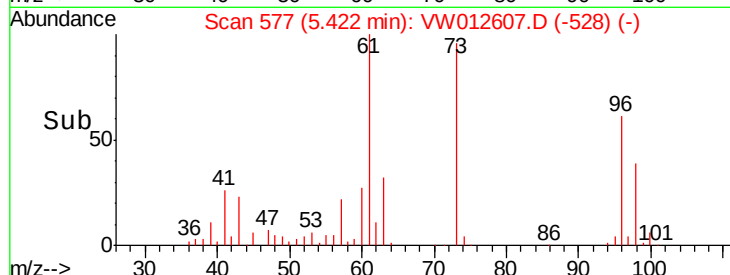
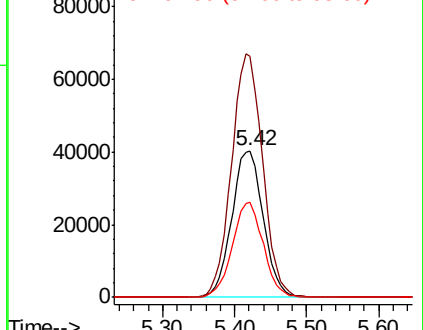
96 100

61 164.1 131.4 197.0

98 64.6 51.4 77.0



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



#22

Diisopropyl ether

Concen: 60.415 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion: 45 Resp: 491490

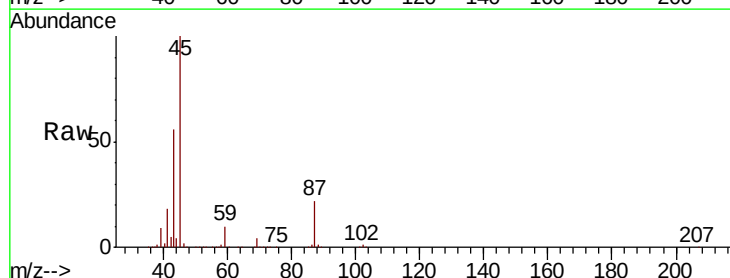
Ion Ratio Lower Upper

45 100

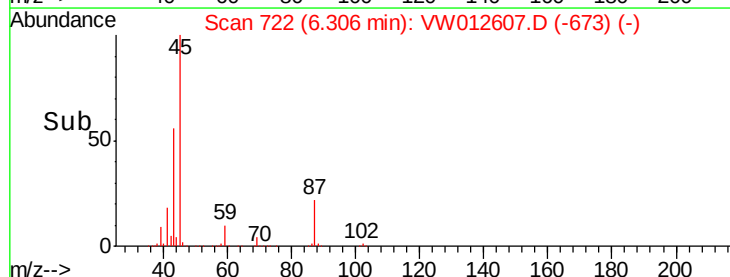
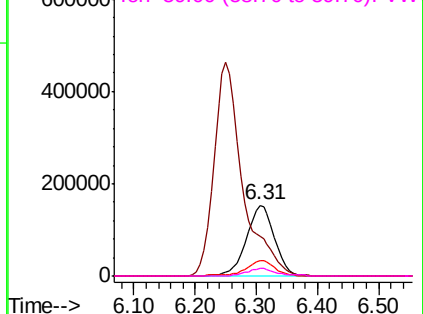
43 55.8 45.5 68.3

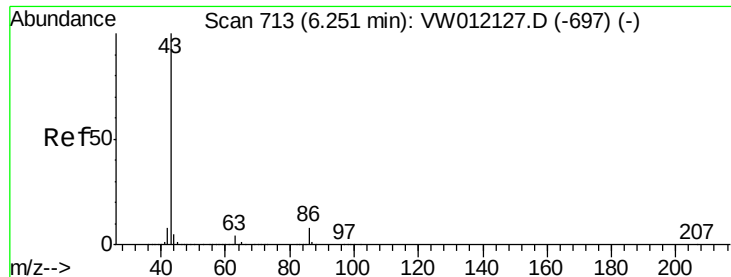
87 22.3 16.1 24.1

59 10.2 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 303.721 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

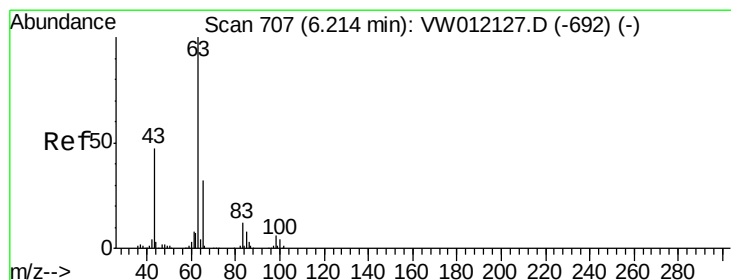
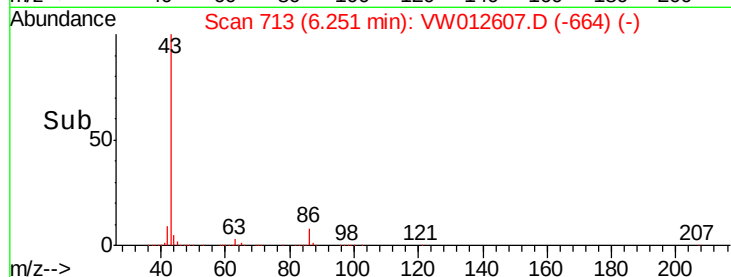
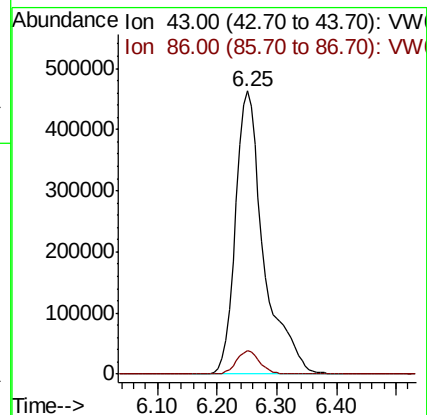
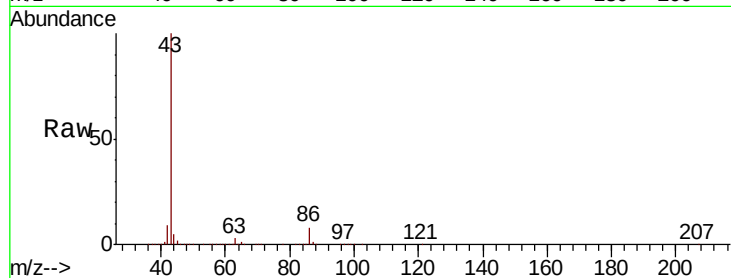
VSTDCCC050EC

Tgt Ion: 43 Resp: 1520600

Ion Ratio Lower Upper

43 100

86 8.3 6.5 9.7



#24

1,1-Dichloroethane

Concen: 59.389 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

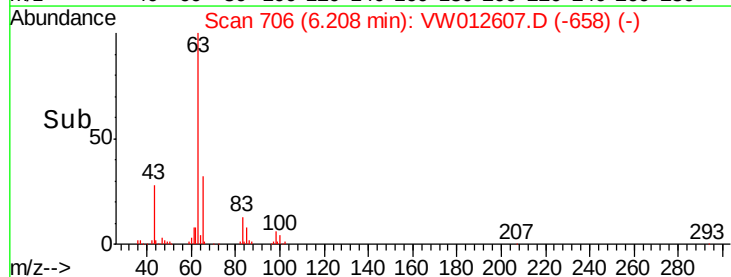
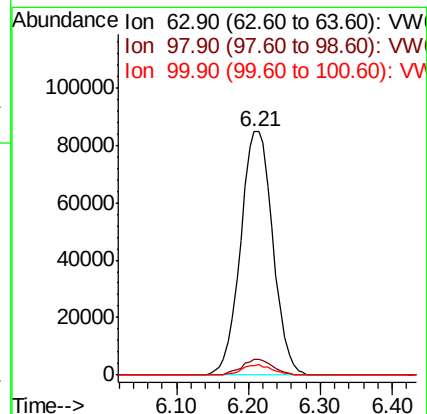
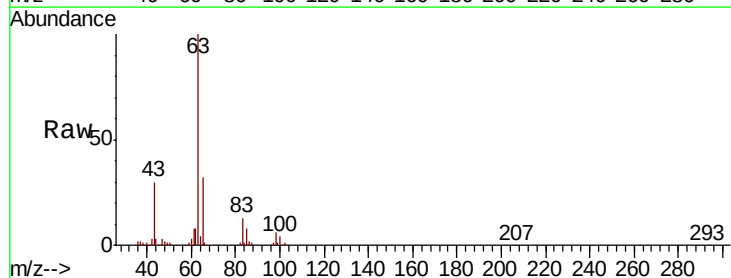
Tgt Ion: 63 Resp: 263064

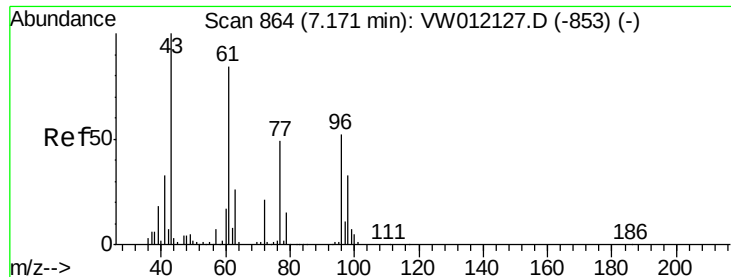
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 303.331 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

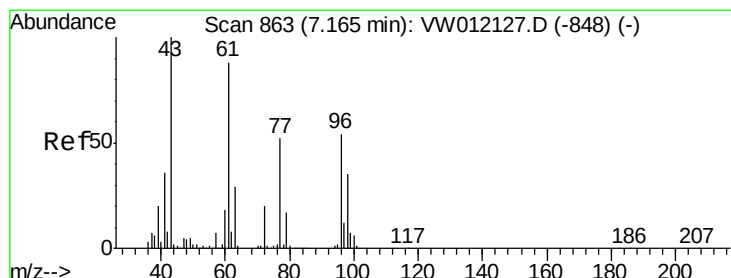
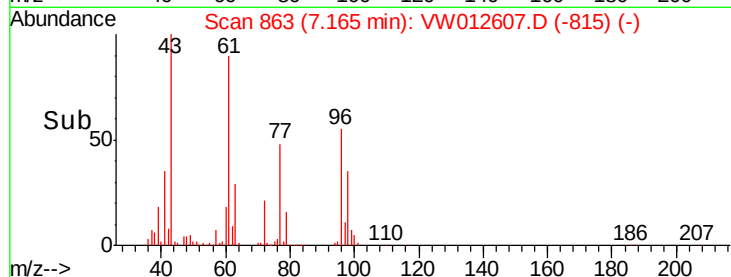
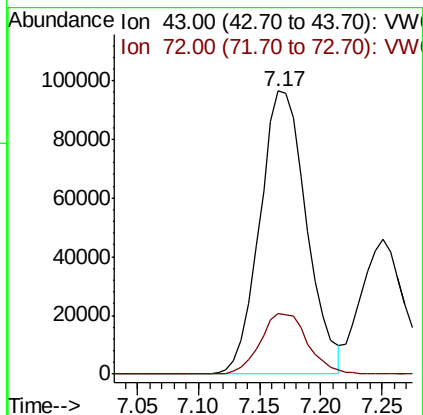
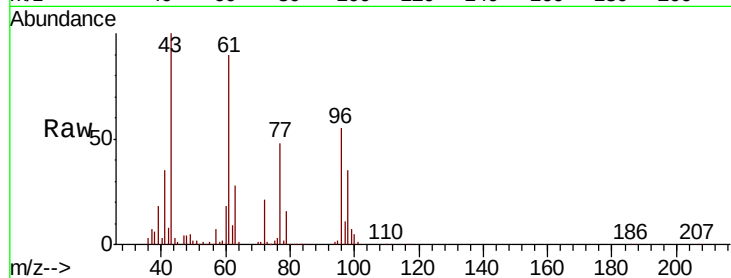
VSTDCCC050EC

Tgt Ion: 43 Resp: 256358

Ion Ratio Lower Upper

43 100

72 21.4 16.6 24.8



#26

2,2-Dichloropropane

Concen: 55.053 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012607.D

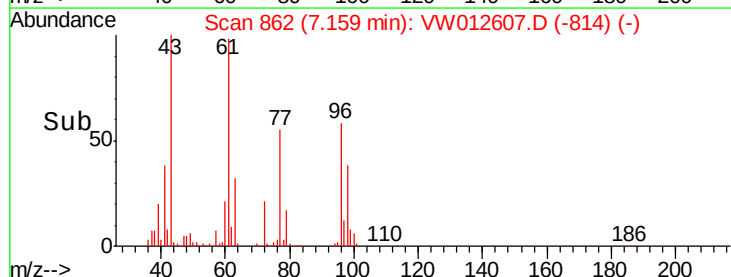
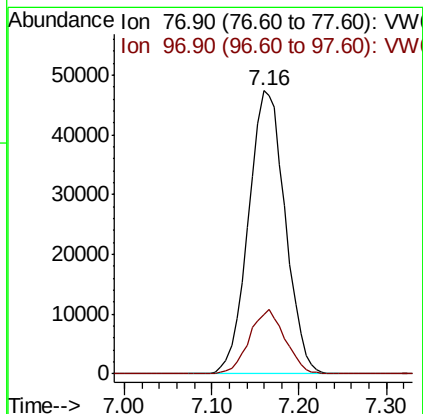
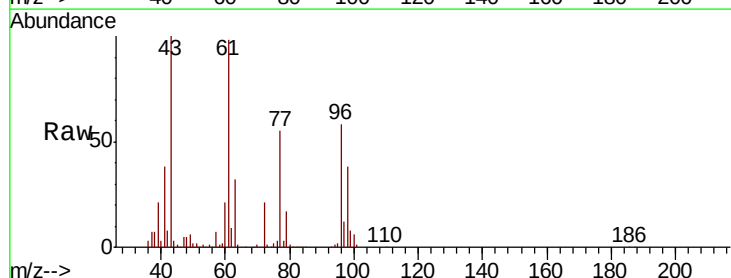
Acq: 04 Sep 2019 22:21

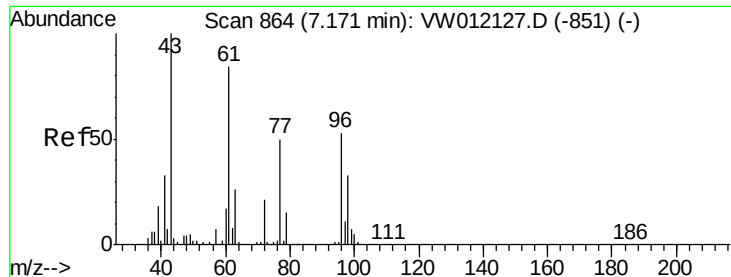
Tgt Ion: 77 Resp: 138027

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.1

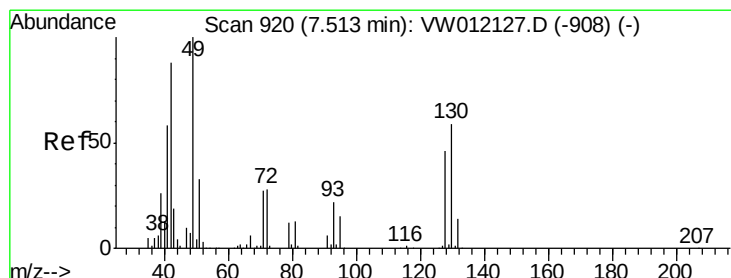
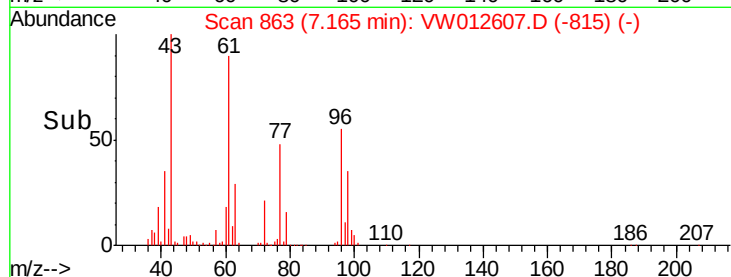
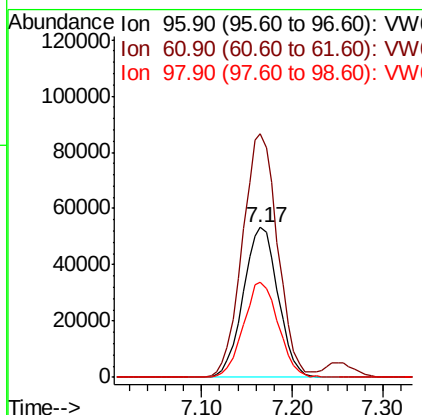
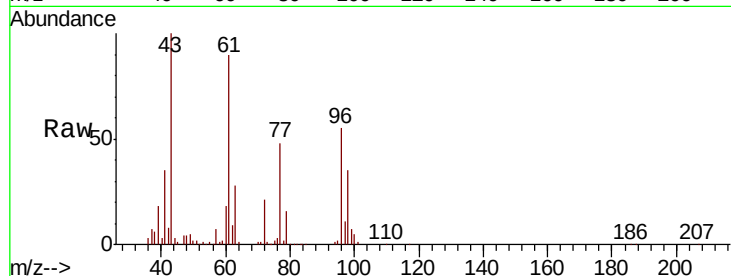




#27
 cis-1,2-Dichloroethene
 Concen: 60.154 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

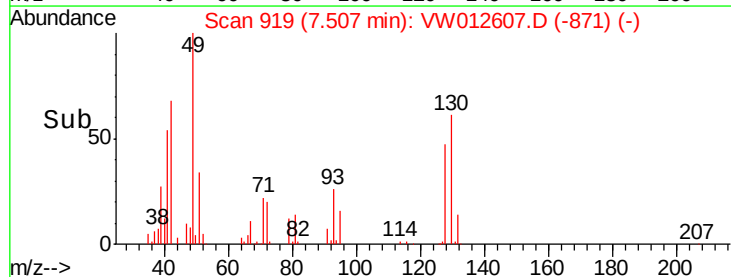
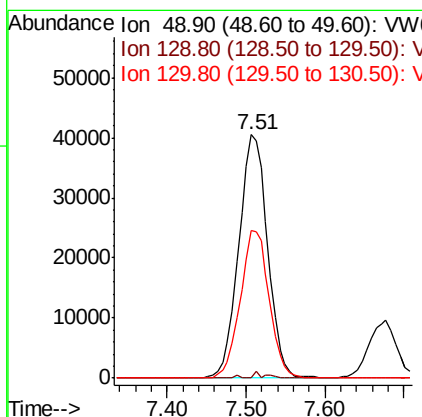
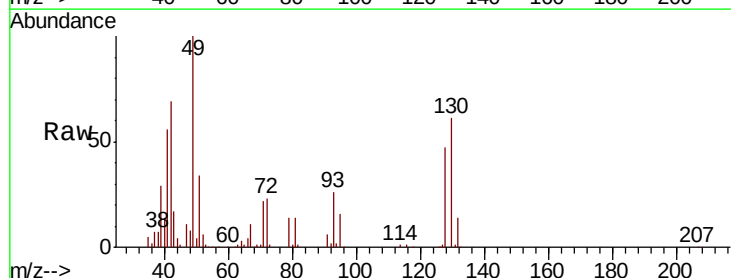
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

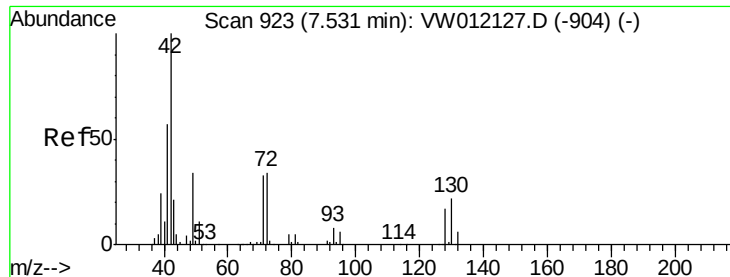
Tgt Ion: 96 Resp: 141487
 Ion Ratio Lower Upper
 96 100
 61 164.5 0.0 326.6
 98 63.7 0.0 127.4



#28
 Bromochloromethane
 Concen: 53.220 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 49 Resp: 102746
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 1.4
 130 60.6 45.5 68.3

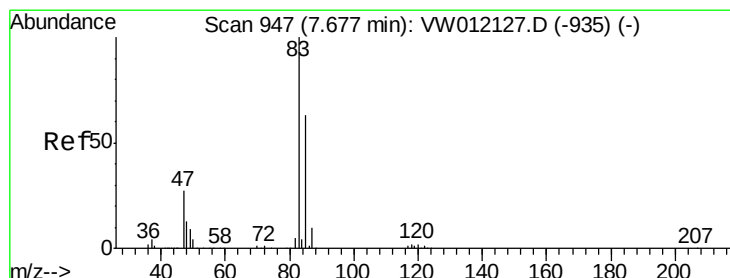
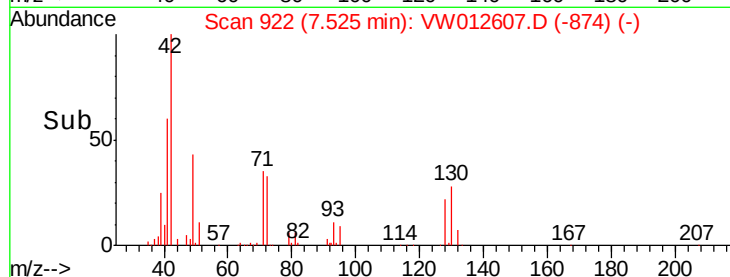
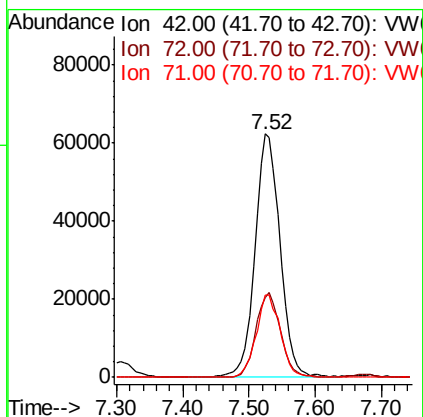
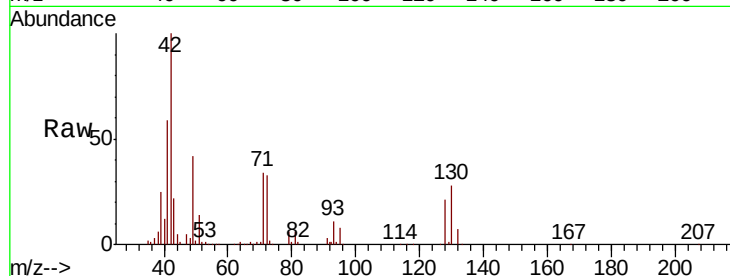




#29
Tetrahydrofuran
Concen: 323.601 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

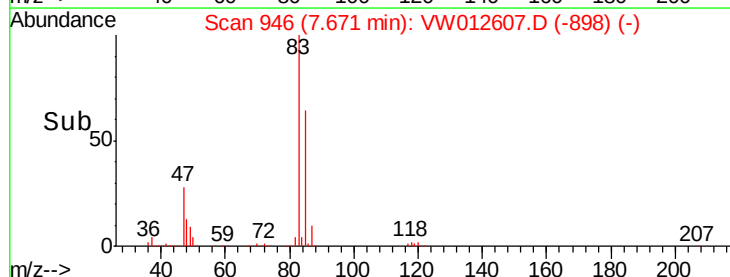
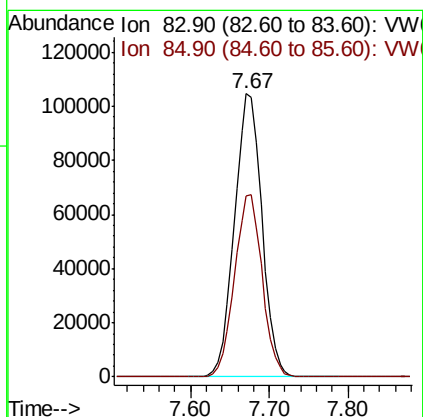
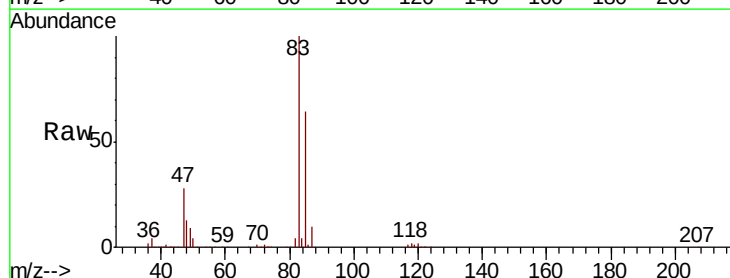
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

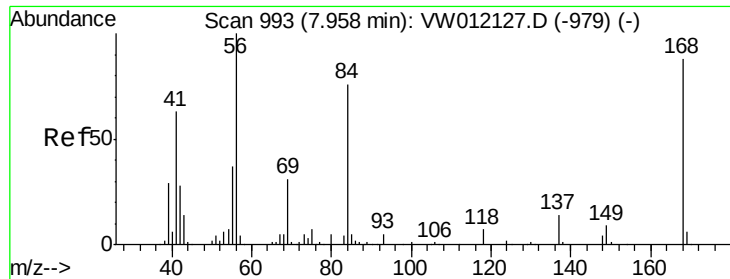
Tgt Ion: 42 Resp: 164082
Ion Ratio Lower Upper
42 100
72 34.1 27.3 40.9
71 32.8 25.5 38.3



#30
Chloroform
Concen: 62.565 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion: 83 Resp: 253546
Ion Ratio Lower Upper
83 100
85 64.1 50.6 76.0

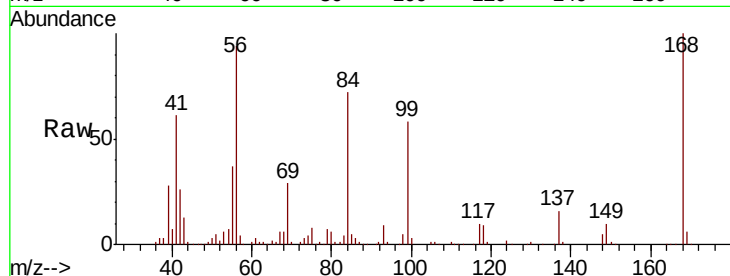




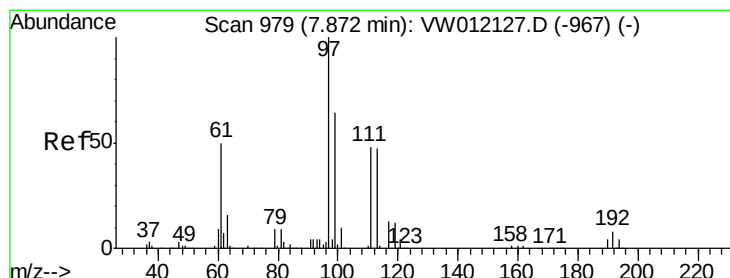
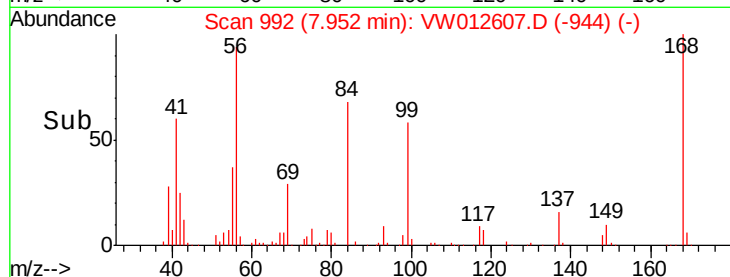
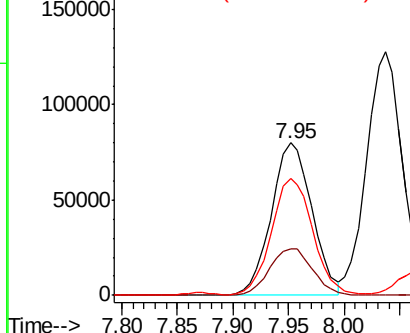
#31
Cyclohexane
Concen: 46.561 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 204049
Ion Ratio Lower Upper
56 100
69 30.5 24.9 37.3
84 75.4 60.6 90.8

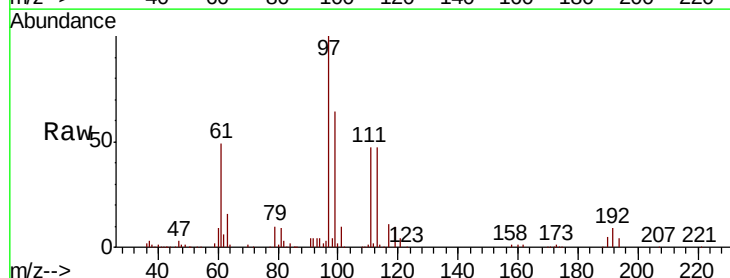


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

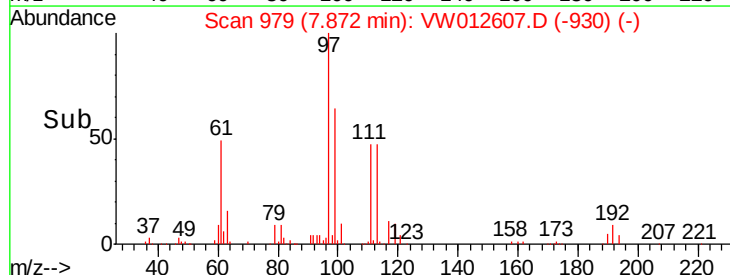
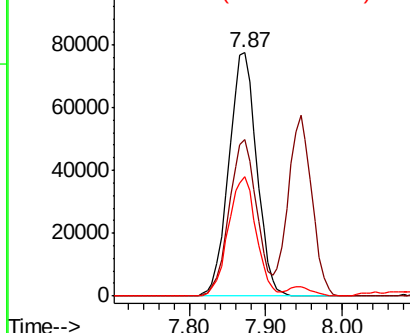


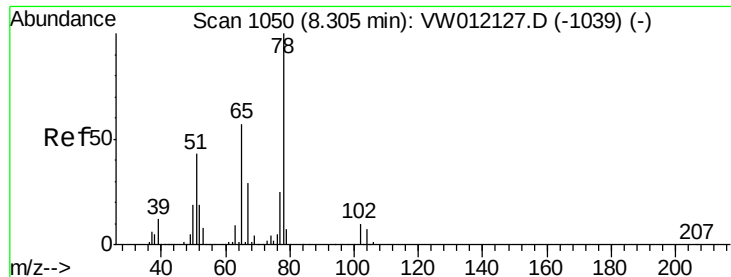
#32
1,1,1-Trichloroethane
Concen: 60.843 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion: 97 Resp: 195055
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 49.1 39.5 59.3



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

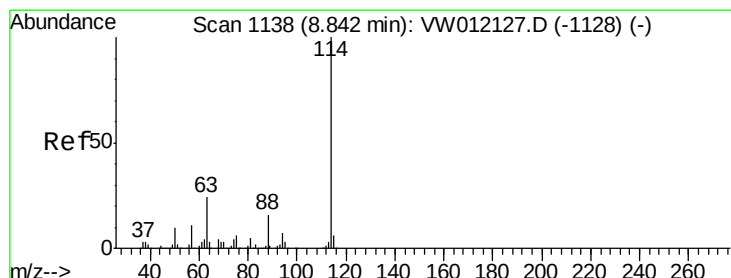
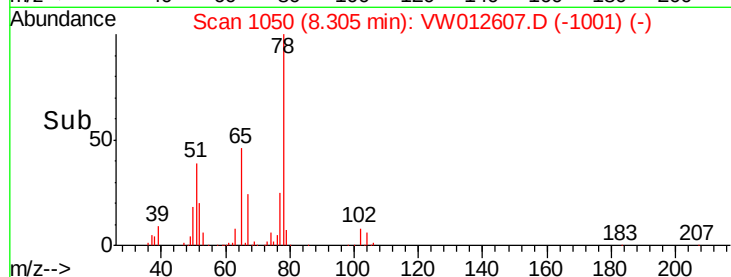
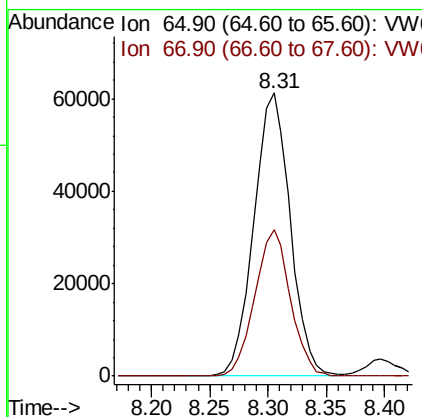
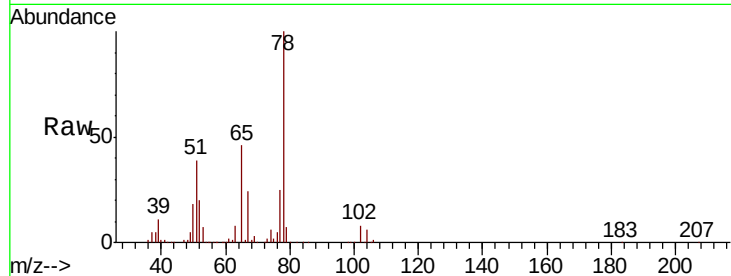




#33
 1,2-Dichloroethane-d4
 Concen: 54.820 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

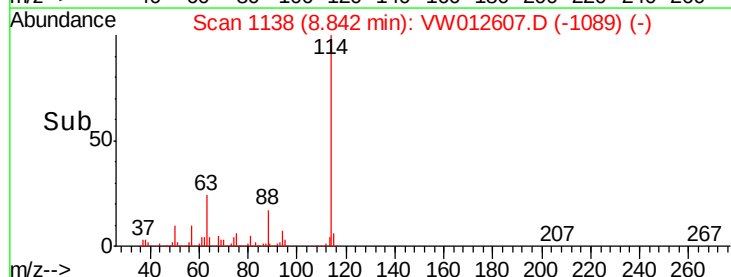
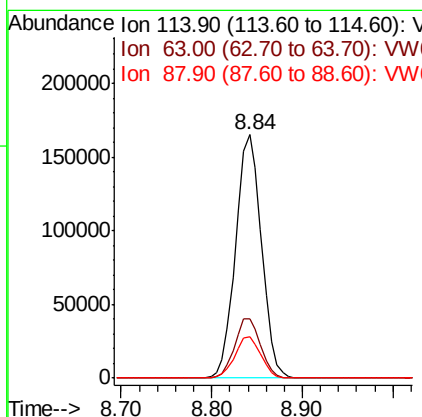
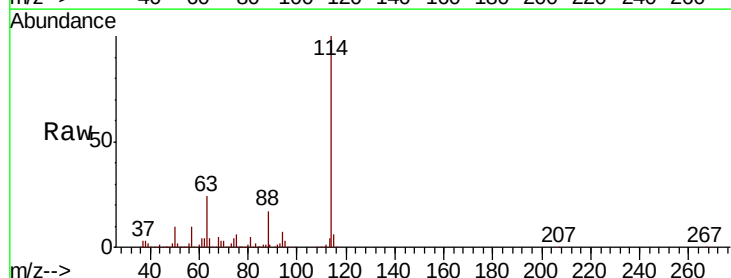
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

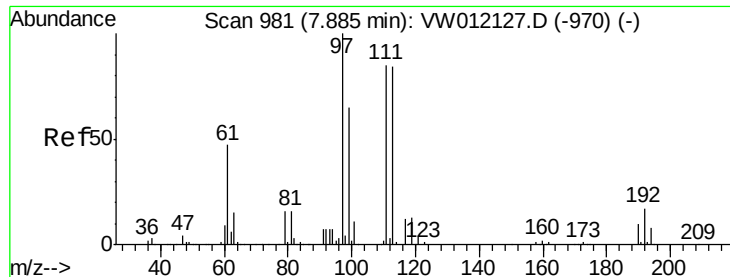
Tgt Ion: 65 Resp: 133381
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 114 Resp: 326248
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 17.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.003 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

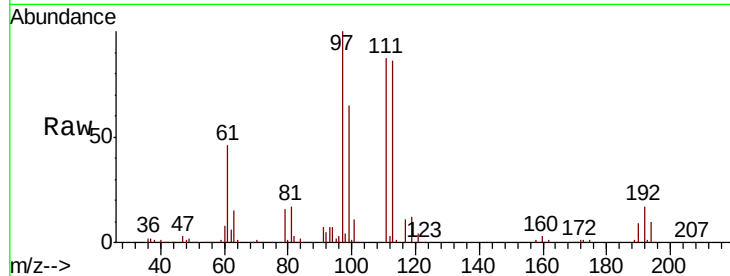
Tgt Ion:113 Resp: 103218

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

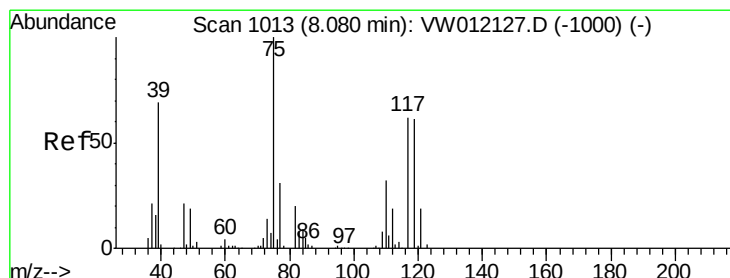
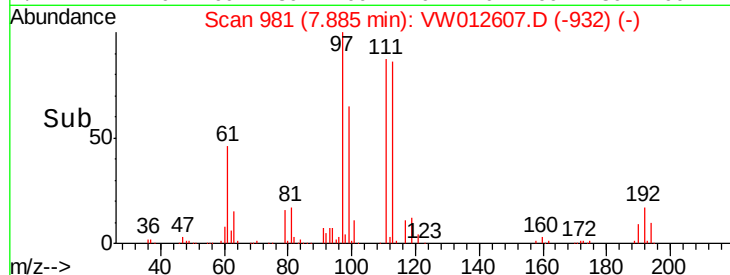
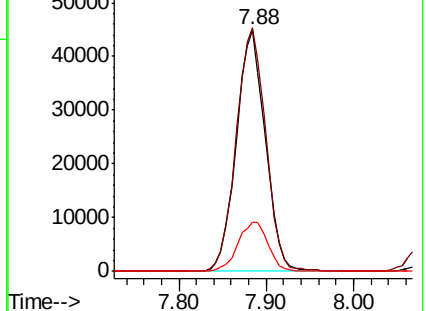
192 21.1 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 55.247 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

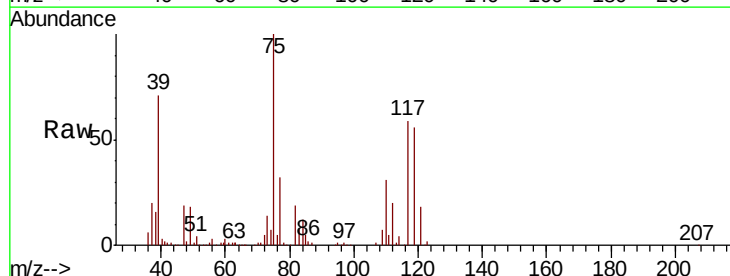
Tgt Ion: 75 Resp: 186260

Ion Ratio Lower Upper

75 100

110 31.2 15.6 46.8

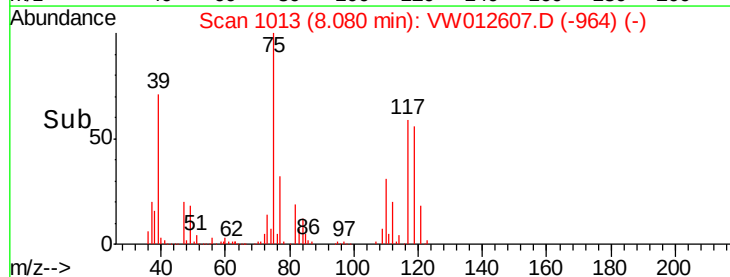
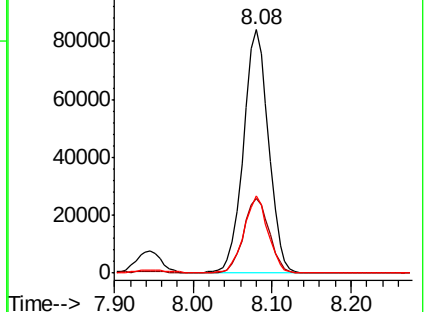
77 30.6 24.6 36.8

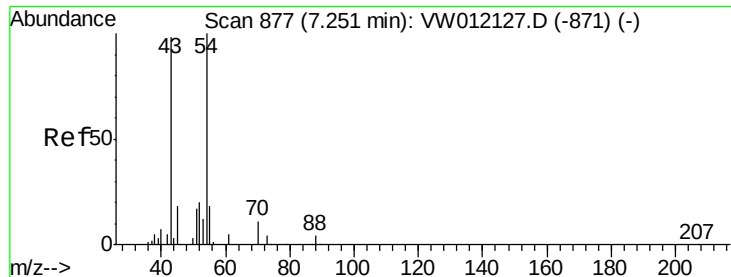


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

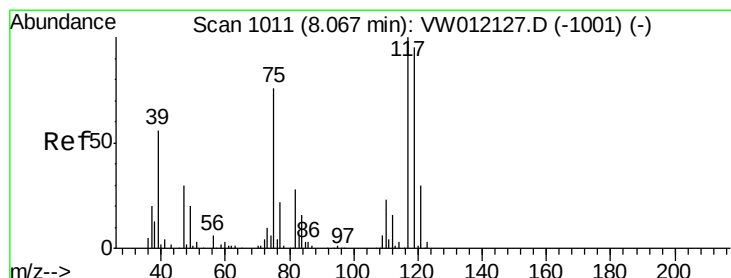
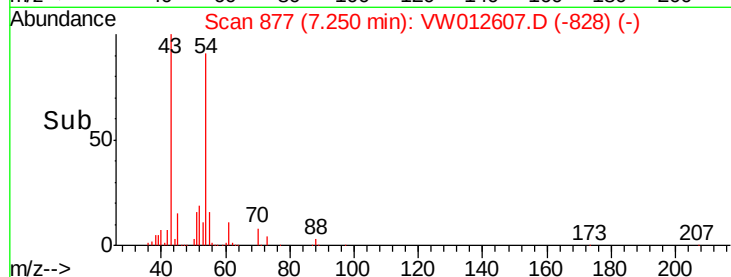
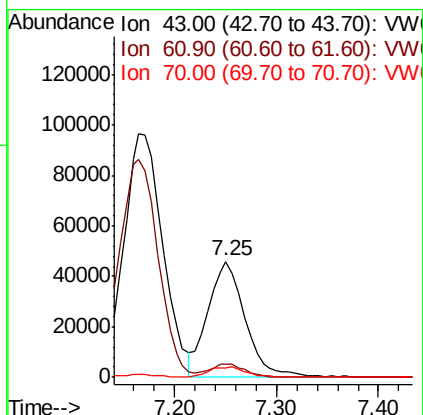
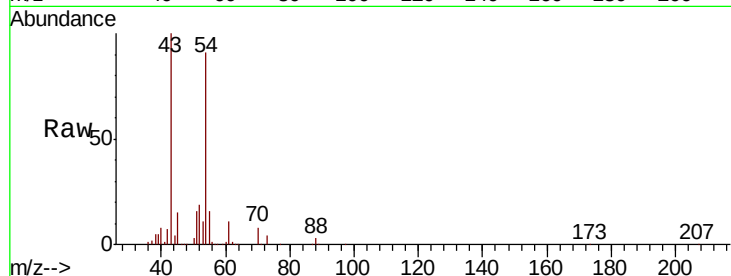




#37
 Ethyl Acetate
 Concen: 62.560 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

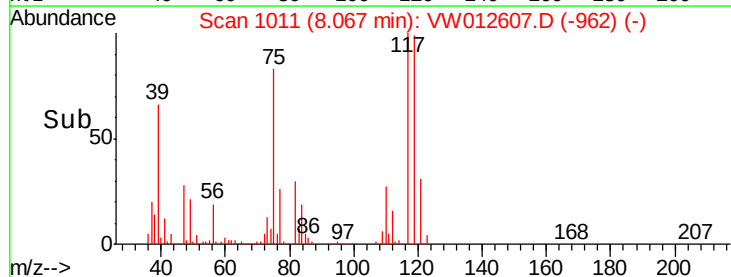
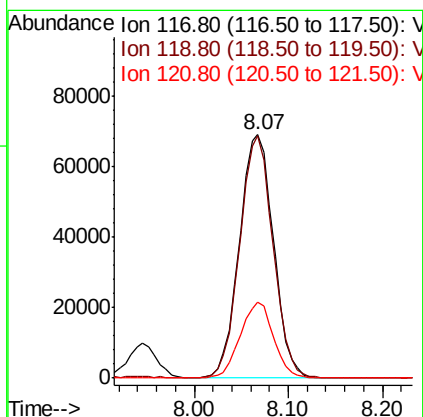
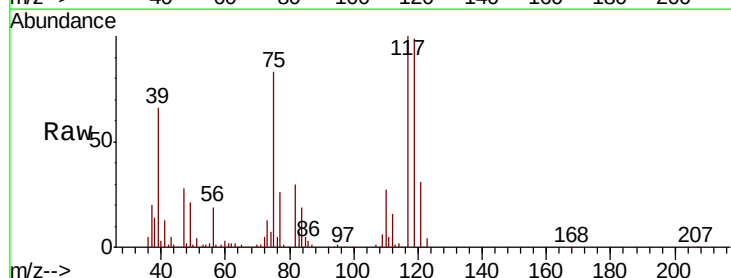
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

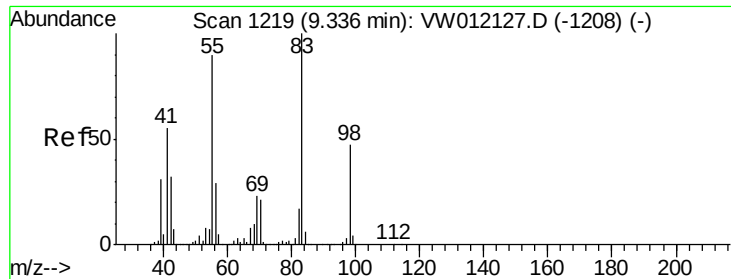
Tgt Ion: 43 Resp: 115578
 Ion Ratio Lower Upper
 43 100
 61 11.0 9.2 13.8
 70 9.0 6.9 10.3



#38
 Carbon Tetrachloride
 Concen: 59.777 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 117 Resp: 174431
 Ion Ratio Lower Upper
 117 100
 119 99.3 76.2 114.2
 121 31.4 23.8 35.8

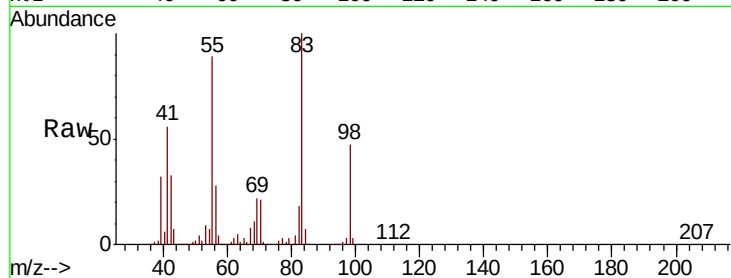




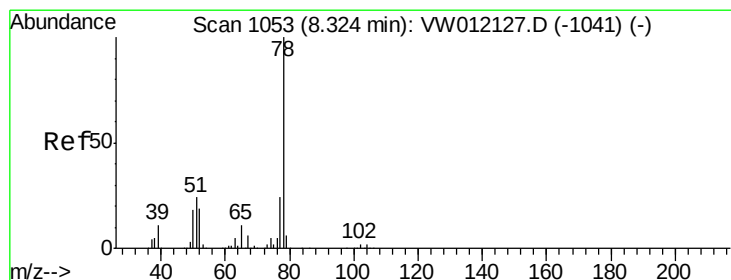
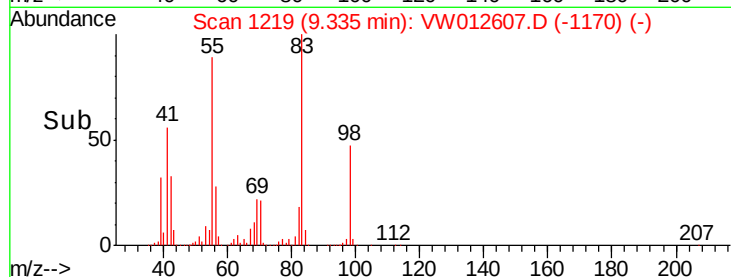
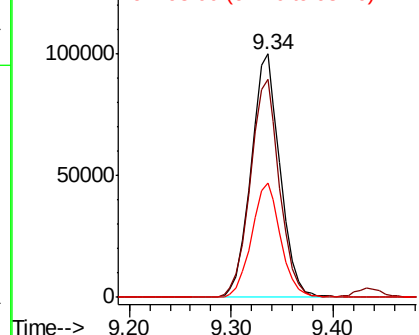
#39
Methylcyclohexane
Concen: 52.181 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 197635
Ion Ratio Lower Upper
83 100
55 89.3 71.8 107.8
98 46.9 37.8 56.8

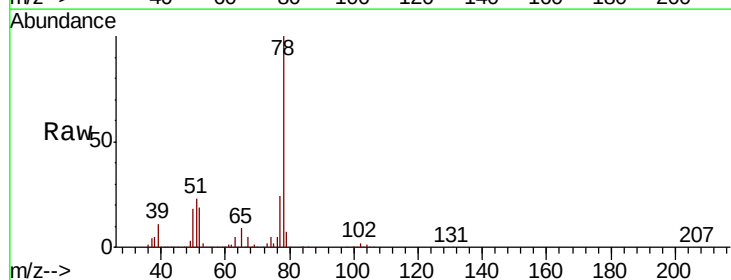


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

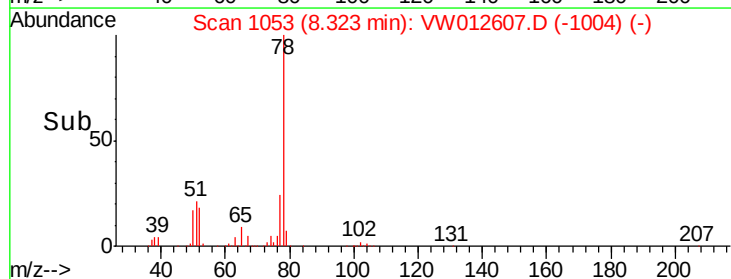
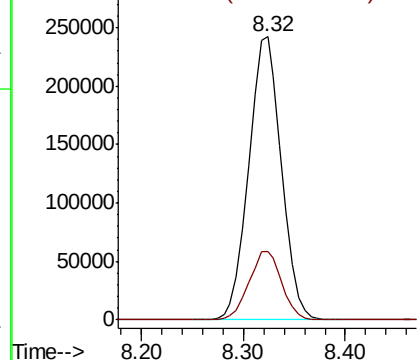


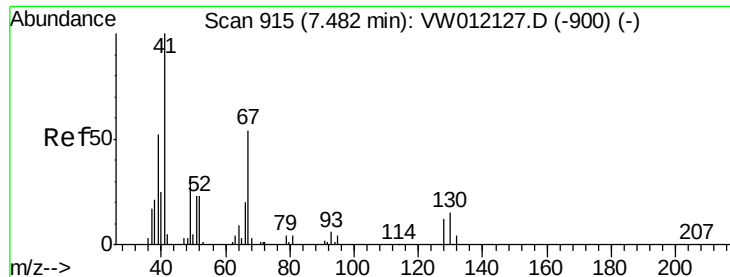
#40
Benzene
Concen: 58.486 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion: 78 Resp: 538415
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3



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





#41

Methacrylonitrile

Concen: 65.918 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 71575

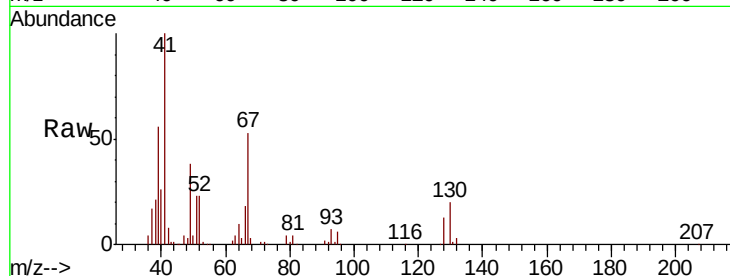
Ion Ratio Lower Upper

41 100

39 53.5 45.8 68.8

67 57.1 46.2 69.4

52 26.5 21.0 31.6

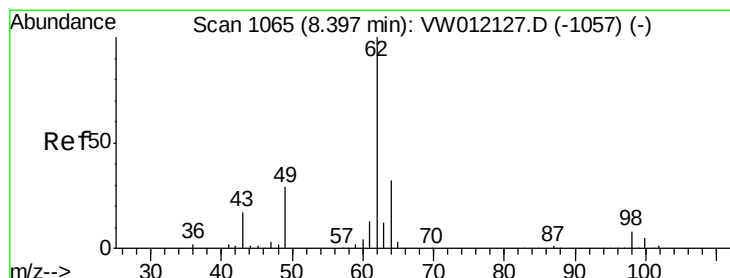
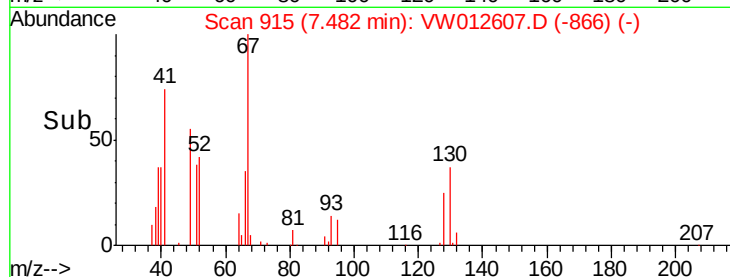
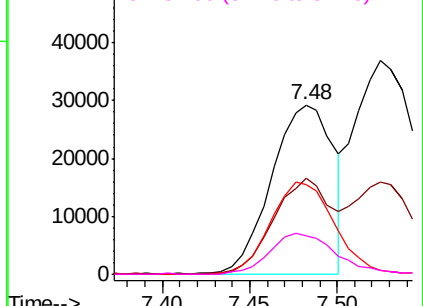


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 66.489 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012607.D

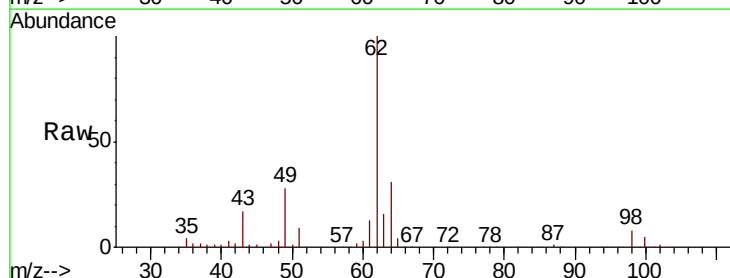
Acq: 04 Sep 2019 22:21

Tgt Ion: 62 Resp: 191833

Ion Ratio Lower Upper

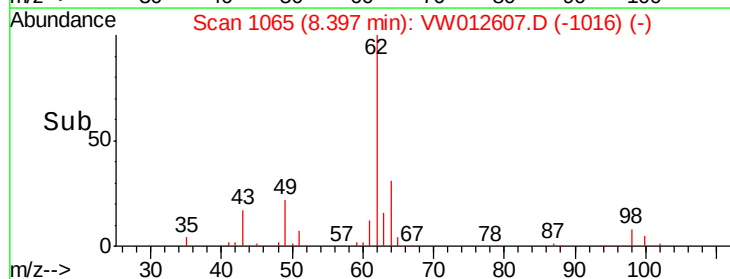
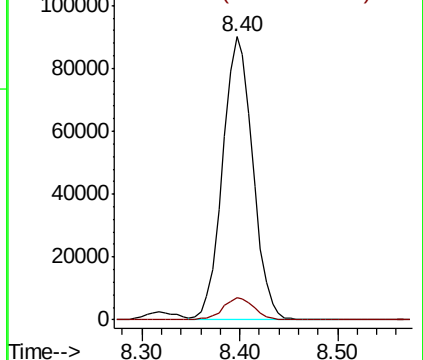
62 100

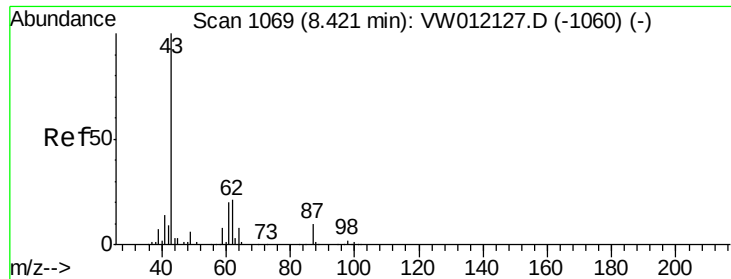
98 8.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 62.321 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

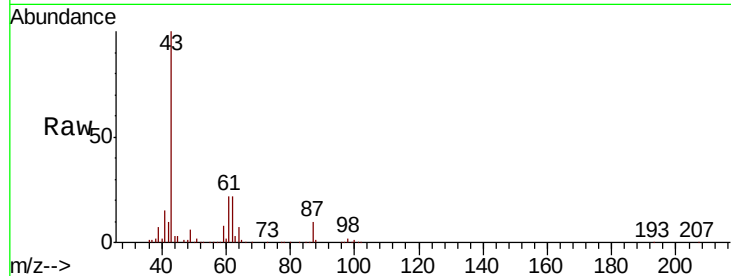
Tgt Ion: 43 Resp: 213270

Ion Ratio Lower Upper

43 100

61 27.2 21.1 31.7

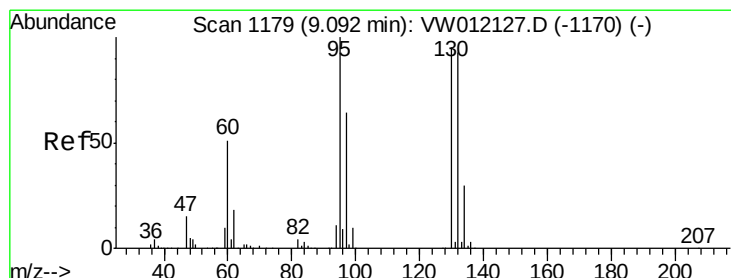
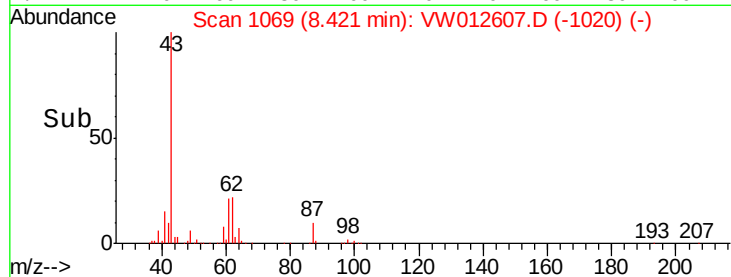
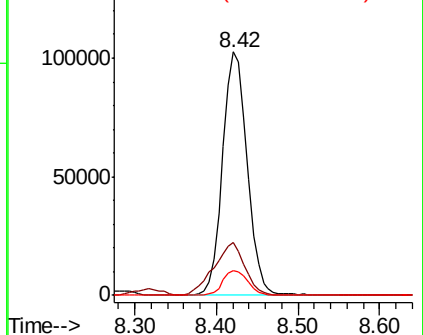
87 10.5 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 59.740 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012607.D

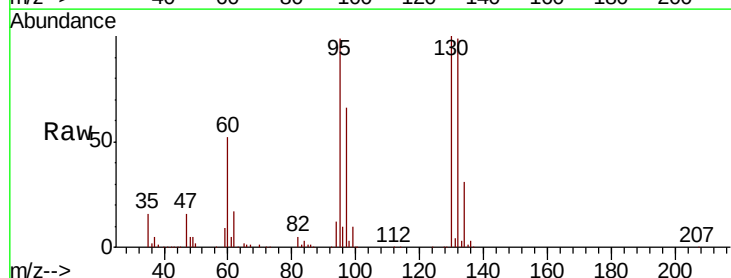
Acq: 04 Sep 2019 22:21

Tgt Ion: 130 Resp: 133693

Ion Ratio Lower Upper

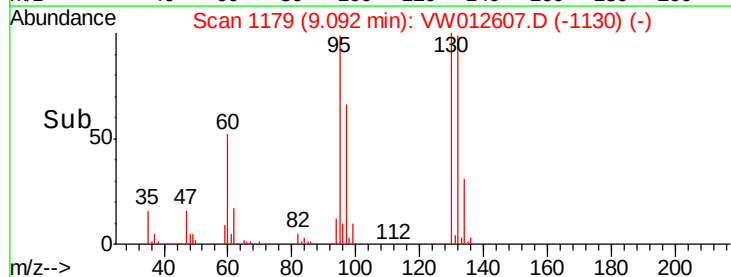
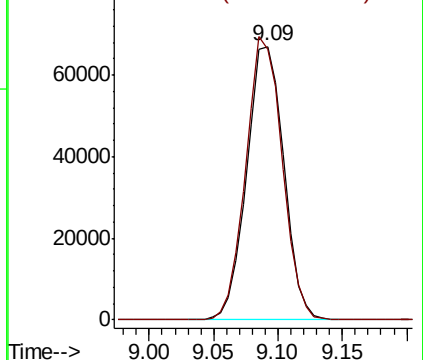
130 100

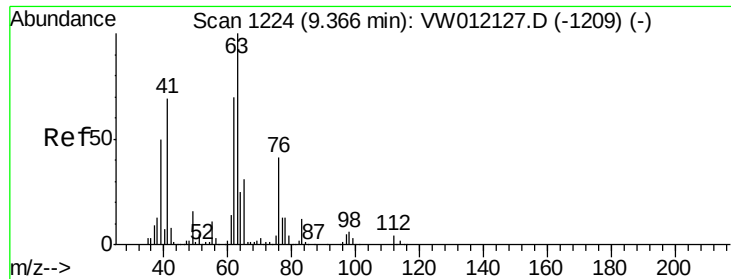
95 98.8 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

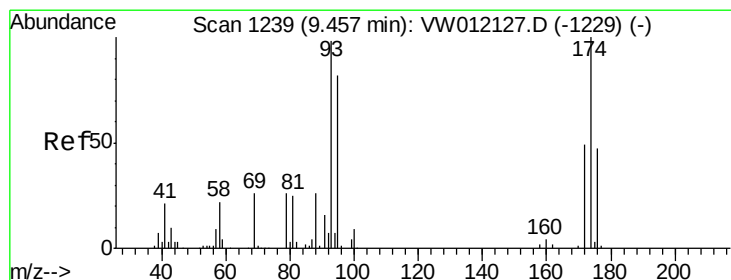
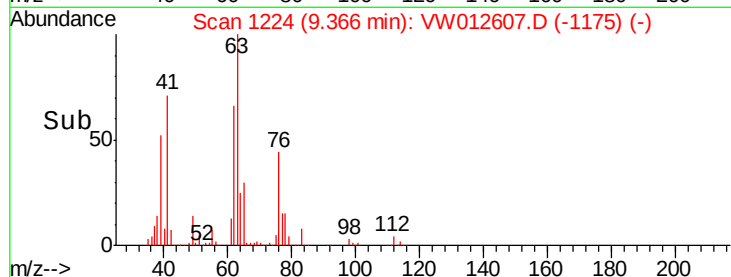
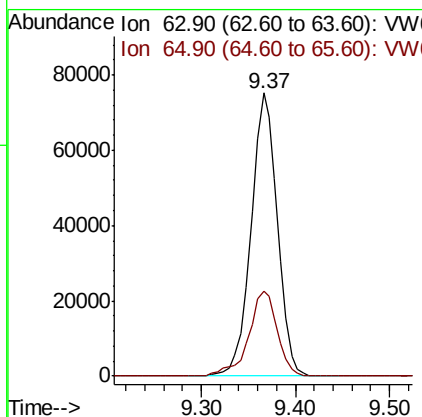
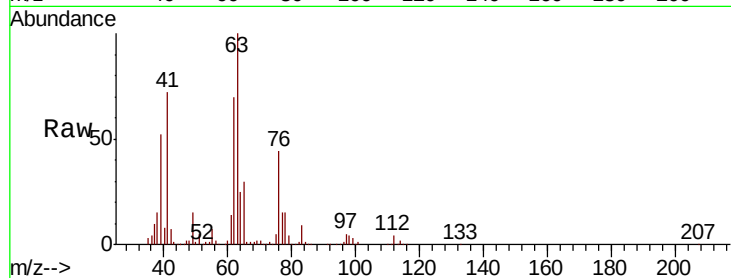




#45
 1,2-Dichloropropane
 Concen: 59.458 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

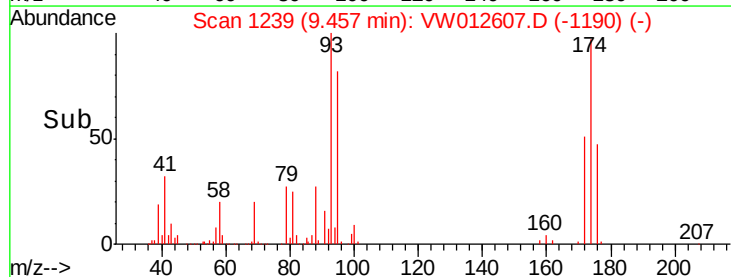
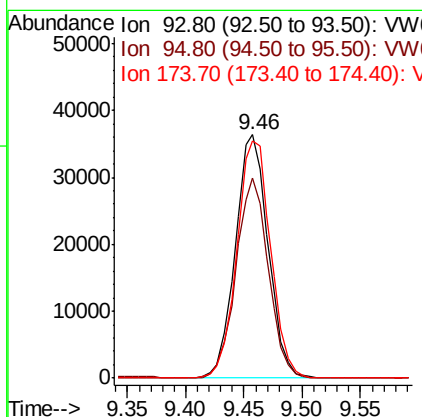
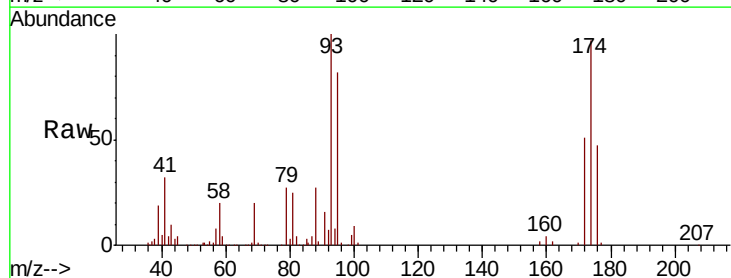
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

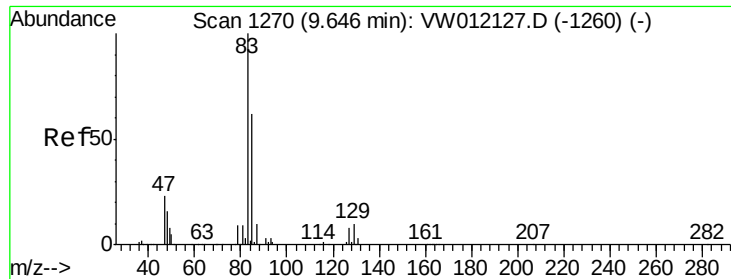
Tgt Ion: 63 Resp: 147311
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4



#46
 Dibromomethane
 Concen: 64.601 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 93 Resp: 71213
 Ion Ratio Lower Upper
 93 100
 95 81.2 67.2 100.8
 174 100.3 79.0 118.6





#47

Bromodichloromethane

Concen: 63.760 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

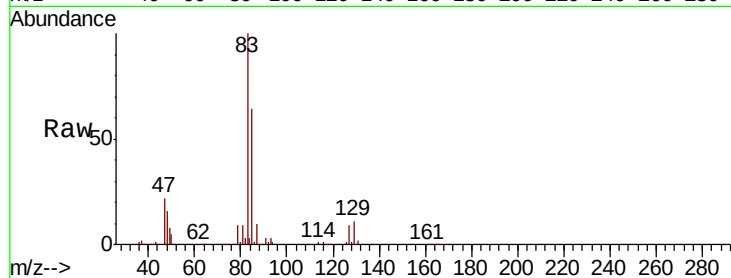
Tgt Ion: 83 Resp: 187058

Ion Ratio Lower Upper

83 100

85 64.0 49.4 74.2

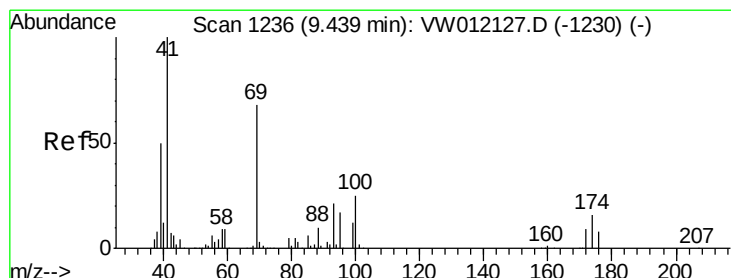
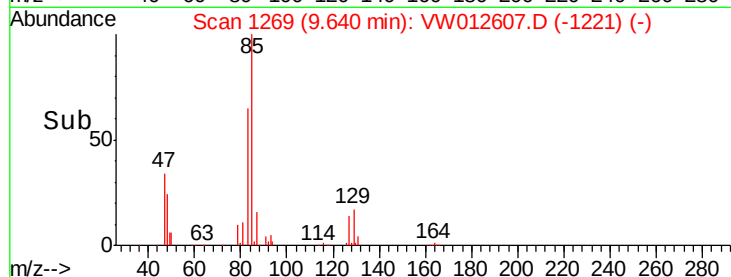
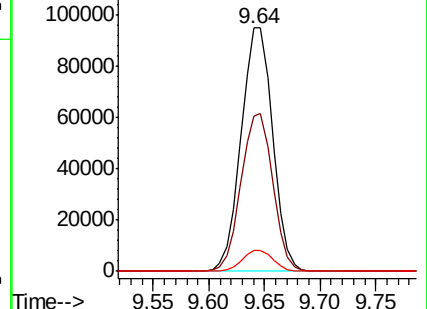
127 8.7 6.1 9.1



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: 65.310 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

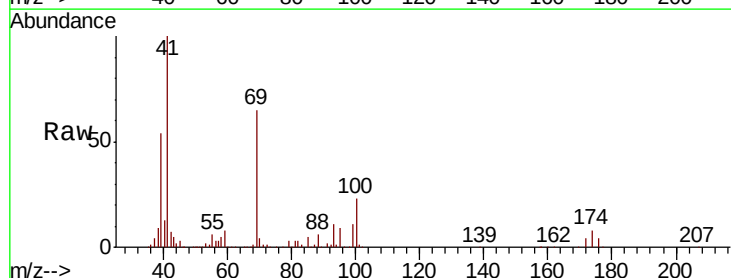
Tgt Ion: 41 Resp: 106374

Ion Ratio Lower Upper

41 100

69 69.0 56.7 85.1

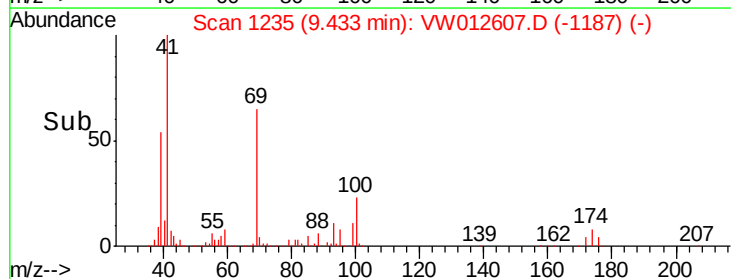
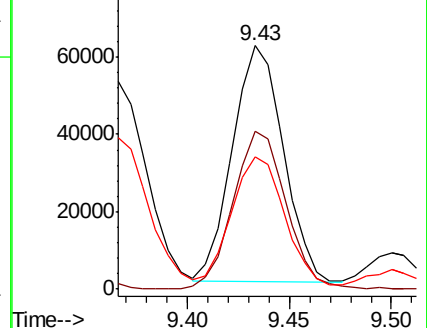
39 59.4 42.0 63.0

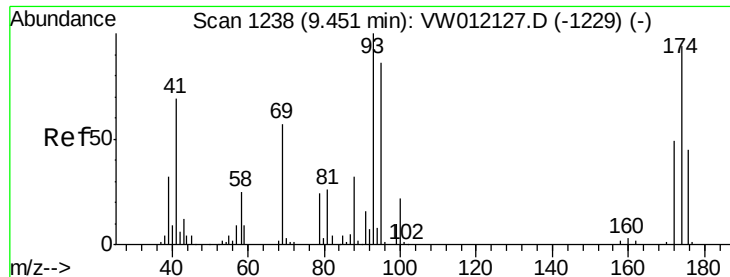


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1345.196 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

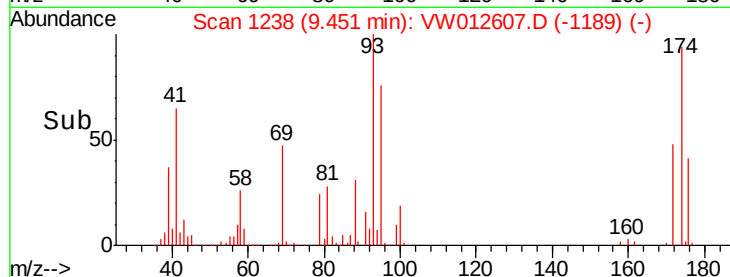
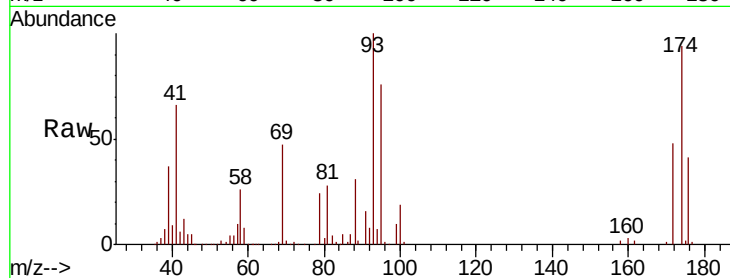
Tgt Ion: 88 Resp: 22701

Ion Ratio Lower Upper

88 100

43 40.5 32.9 49.3

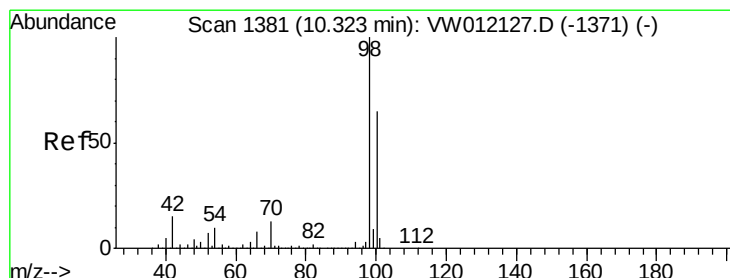
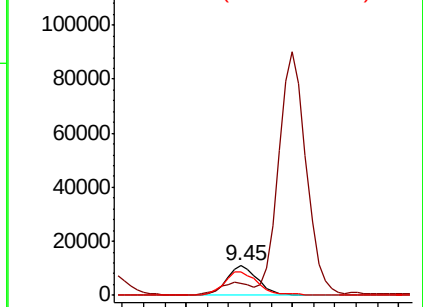
58 90.1 71.0 106.4



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: 49.574 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012607.D

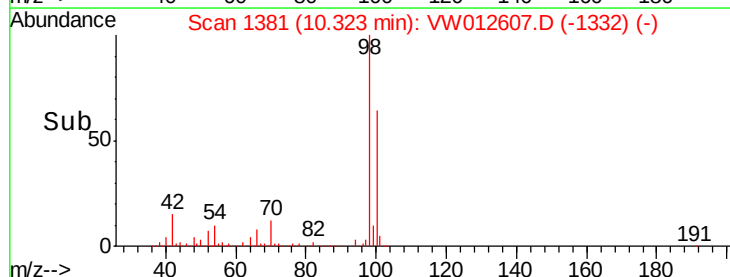
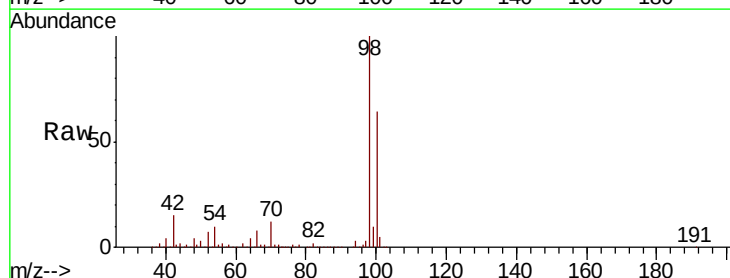
Acq: 04 Sep 2019 22:21

Tgt Ion: 98 Resp: 391436

Ion Ratio Lower Upper

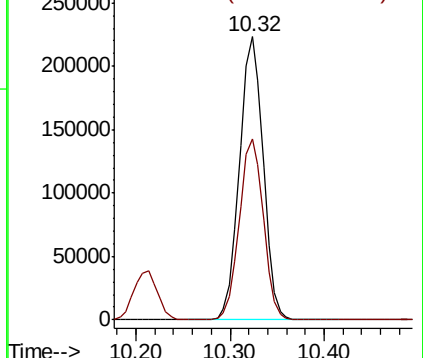
98 100

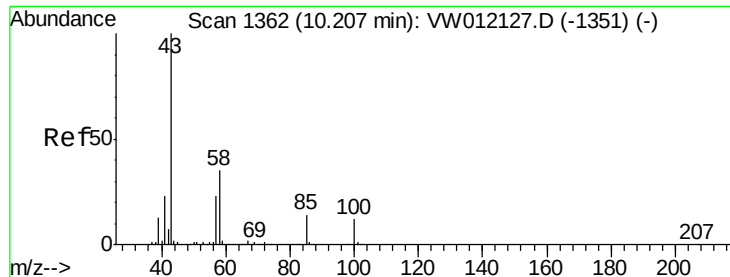
100 64.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

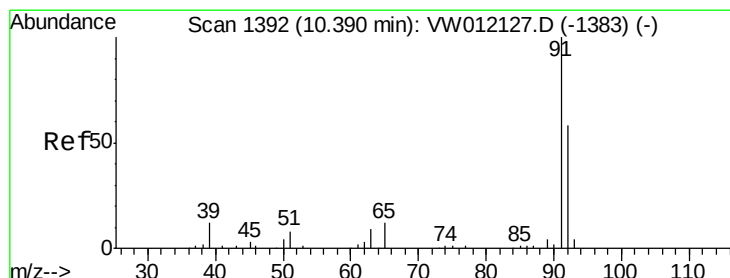
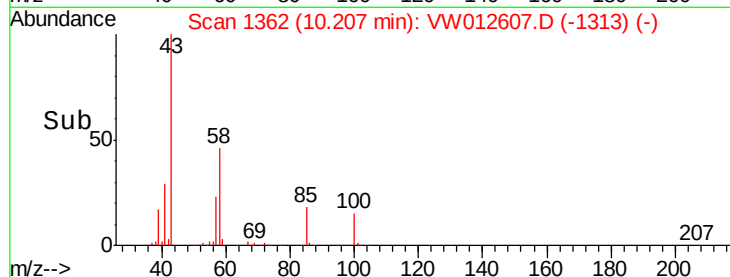
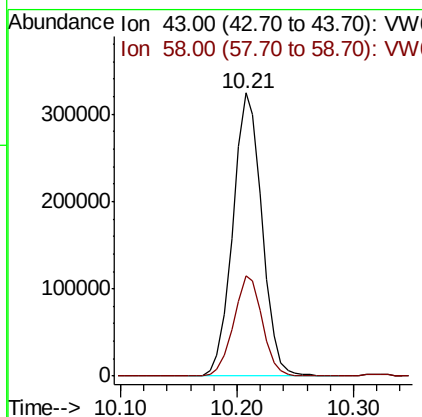
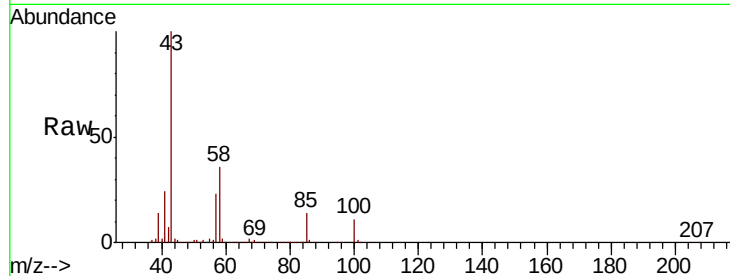




#51
 4-Methyl-2-Pentanone
 Concen: 323.521 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

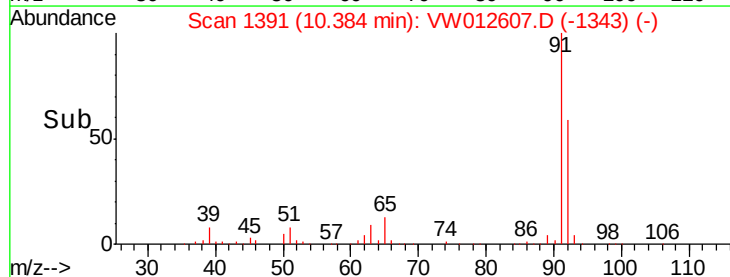
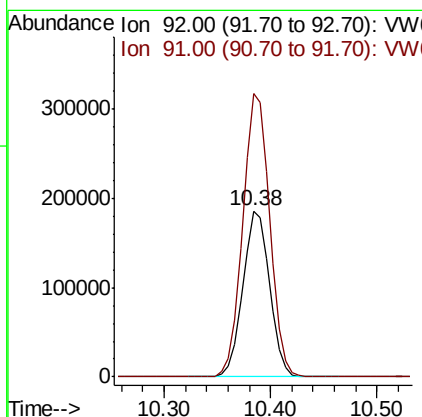
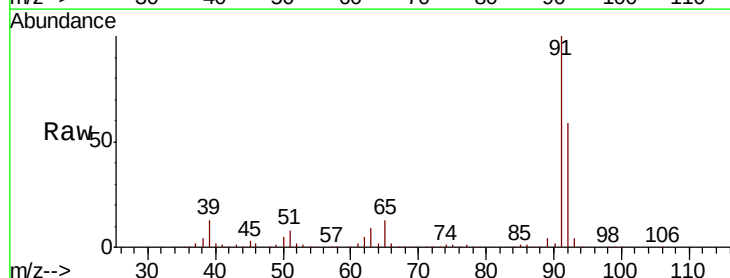
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

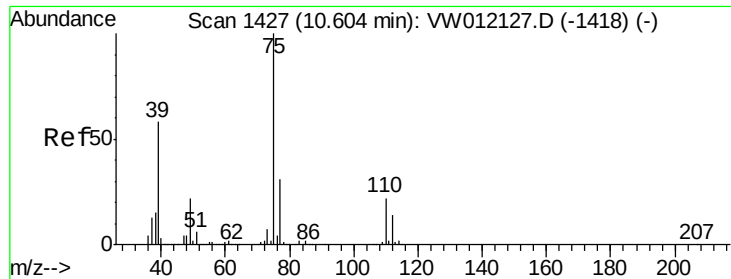
Tgt Ion: 43 Resp: 563117
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.2 42.2



#52
 Toluene
 Concen: 59.322 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 92 Resp: 328072
 Ion Ratio Lower Upper
 92 100
 91 172.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 63.690 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

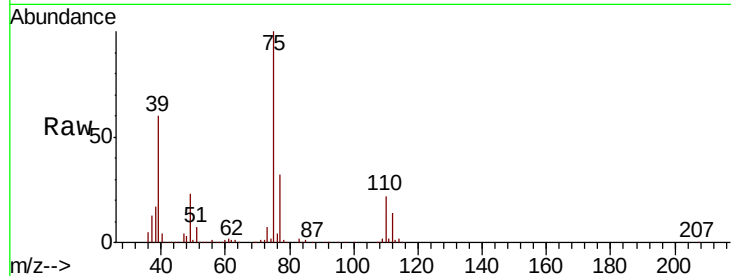
VSTDCCC050EC

Tgt Ion: 75 Resp: 190333

Ion Ratio Lower Upper

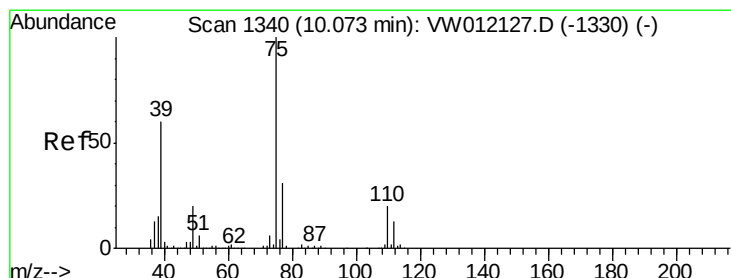
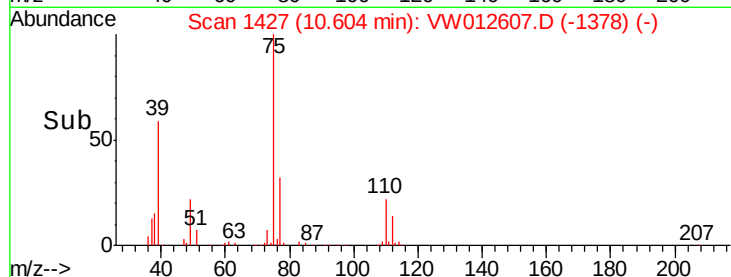
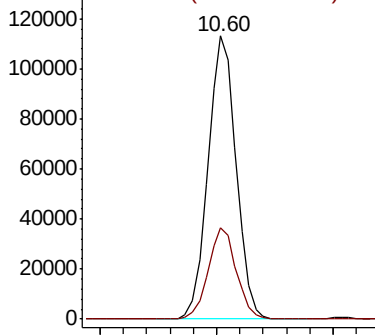
75 100

77 31.9 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 61.482 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

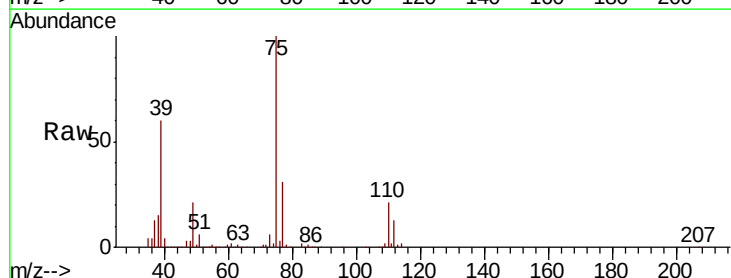
Tgt Ion: 75 Resp: 221852

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

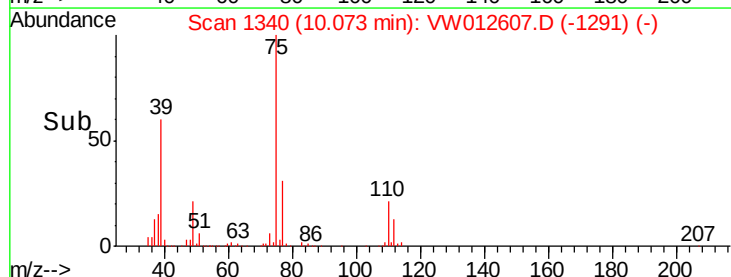
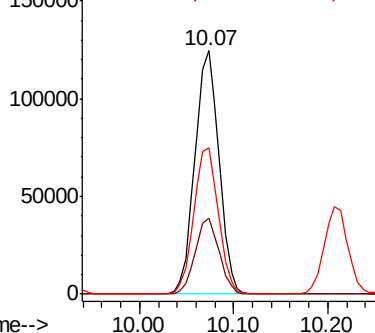
39 60.3 48.3 72.5

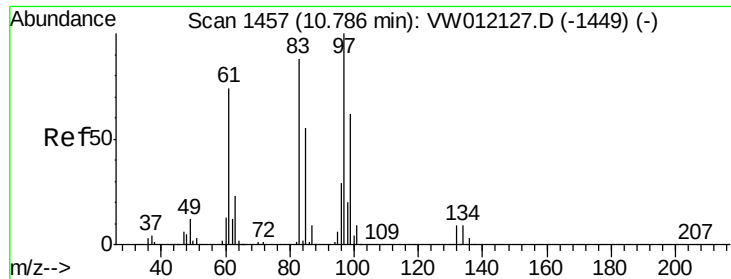


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

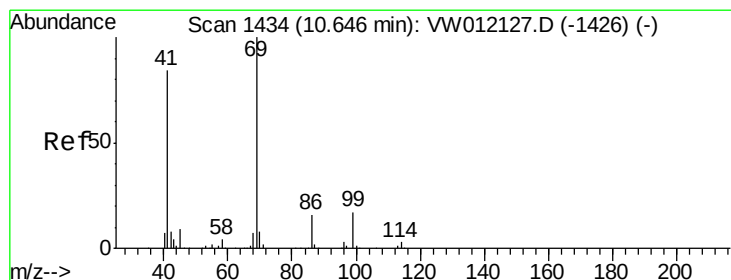
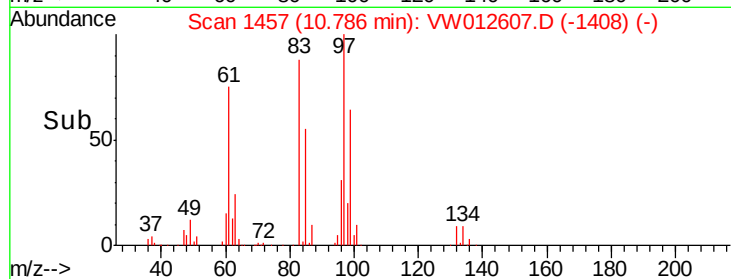
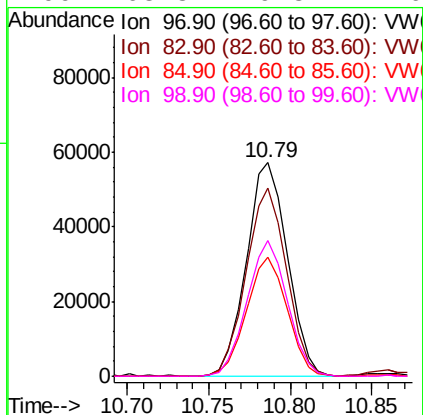
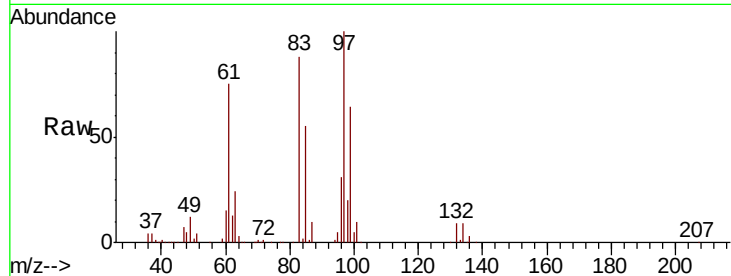




#55
 1,1,2-Trichloroethane
 Concen: 64.325 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

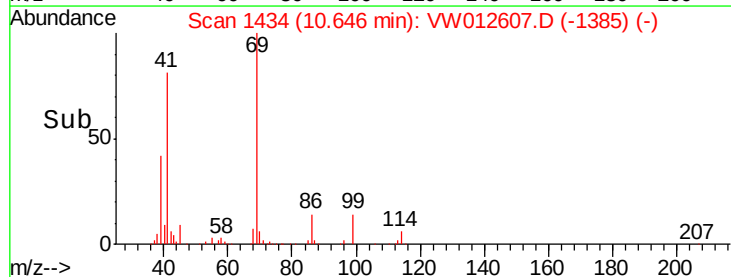
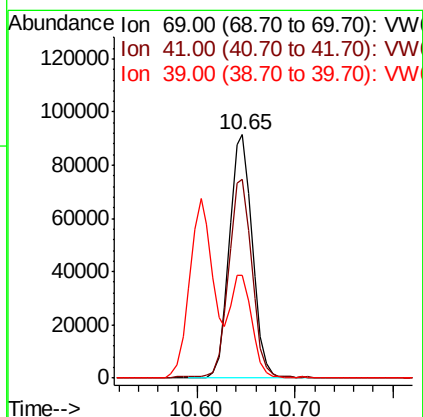
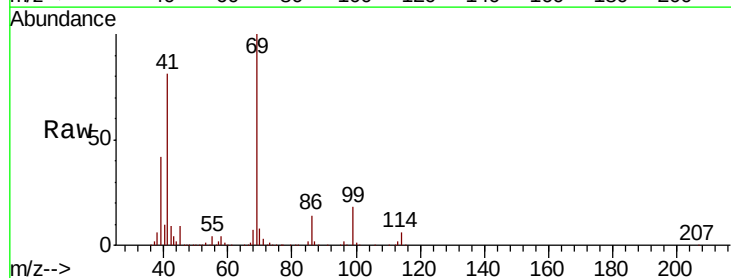
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

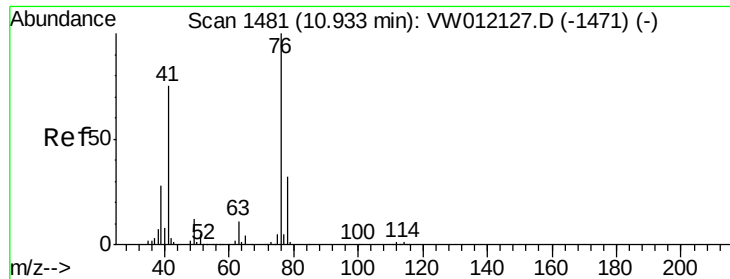
Tgt Ion:	97	Resp:	100325
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.8	106.2
85	55.5	43.8	65.8
99	63.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 65.718 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion:	69	Resp:	149177
Ion	Ratio	Lower	Upper
69	100		
41	82.7	66.5	99.7
39	38.4	31.0	46.4

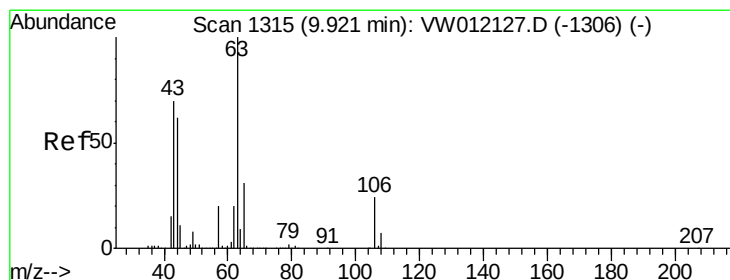
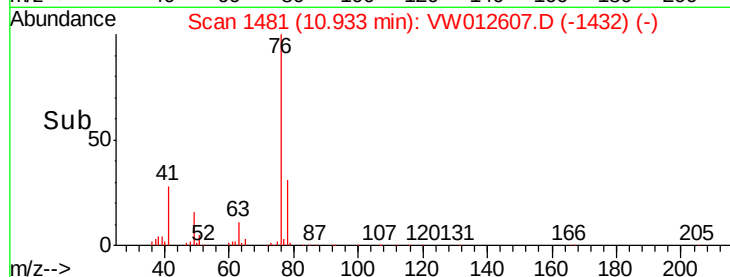
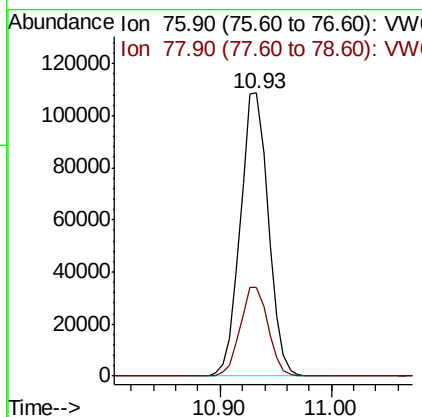
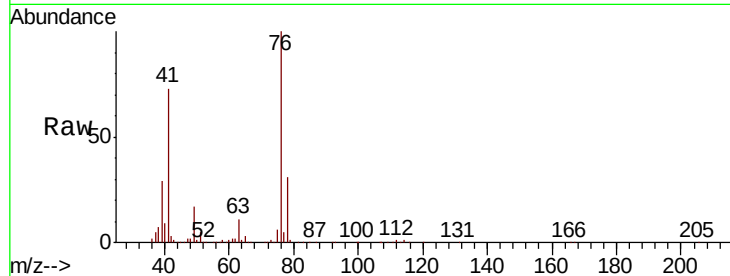




#57
 1,3-Dichloropropane
 Concen: 64.576 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

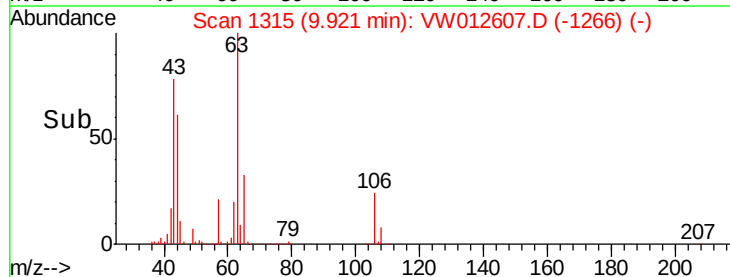
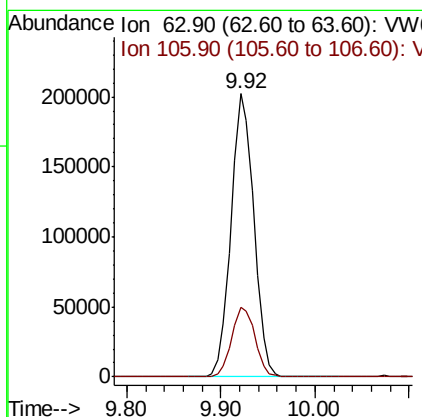
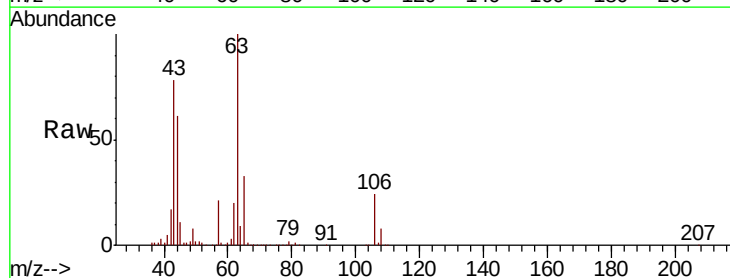
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

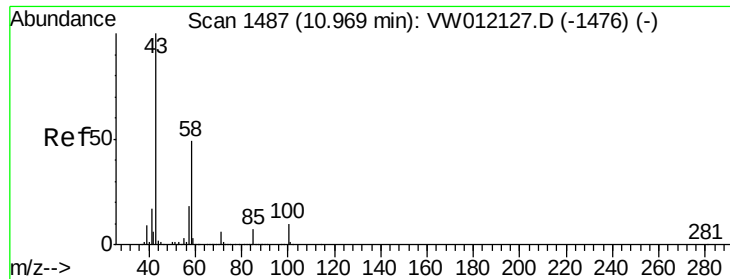
Tgt Ion: 76 Resp: 190330
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 291.110 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 63 Resp: 339142
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.8 29.8

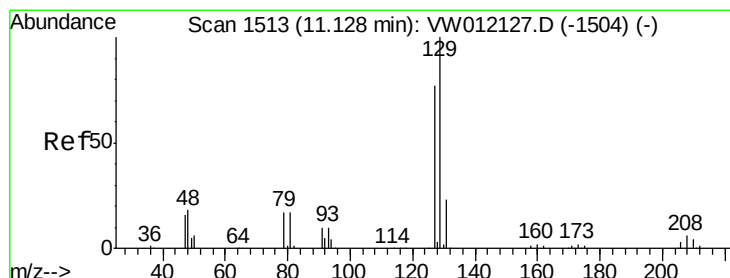
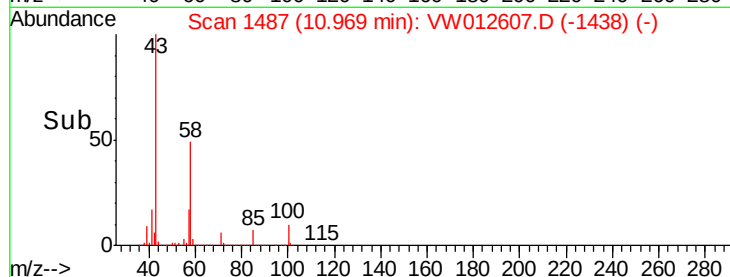
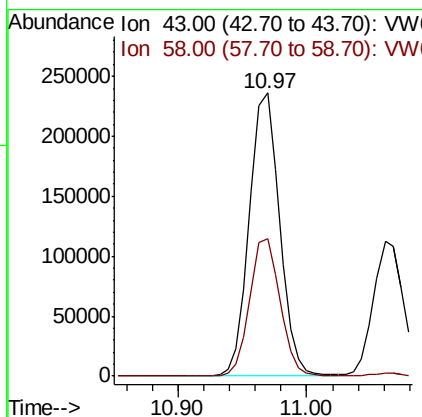
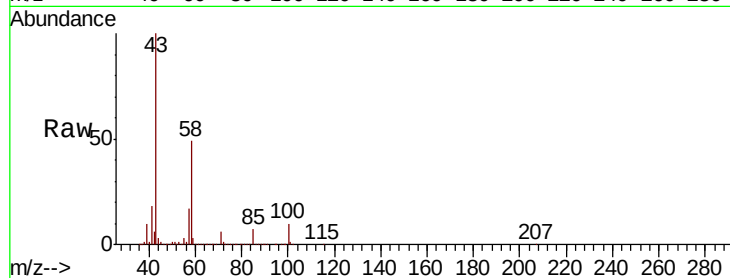




#59
2-Hexanone
Concen: 311.621 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

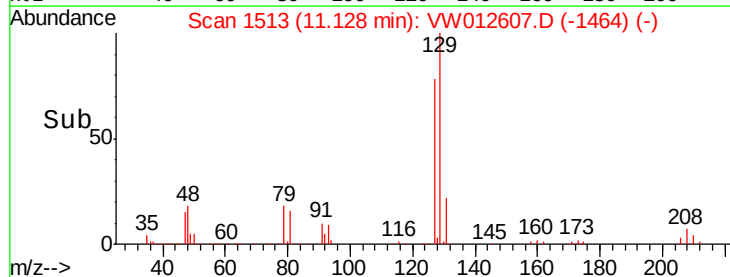
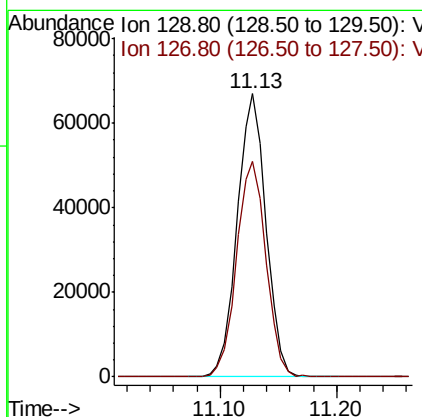
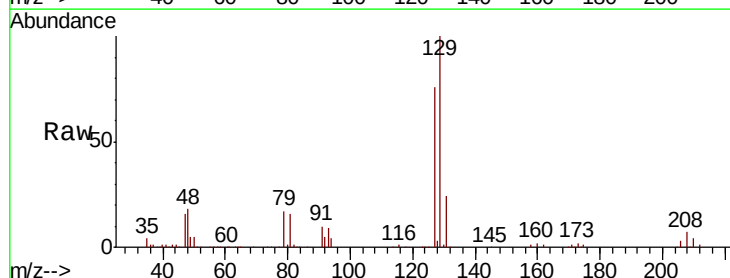
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

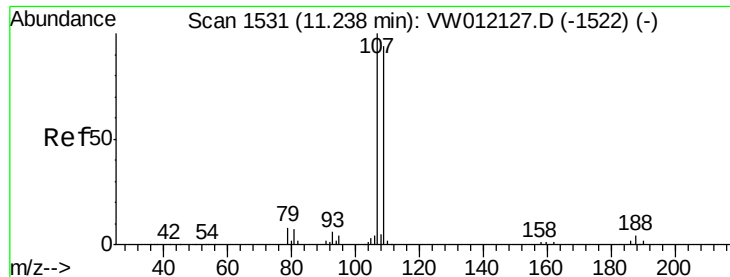
Tgt Ion: 43 Resp: 383785
Ion Ratio Lower Upper
43 100
58 48.8 24.3 72.9



#60
Dibromochloromethane
Concen: 66.285 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion: 129 Resp: 115151
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8

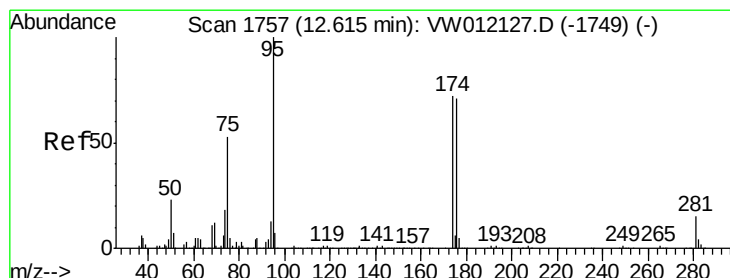
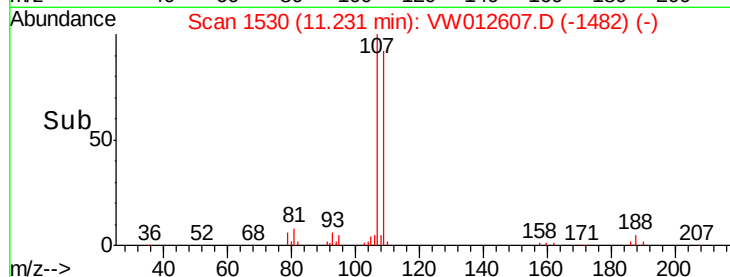
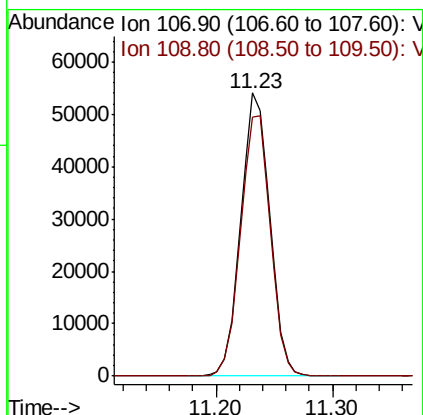
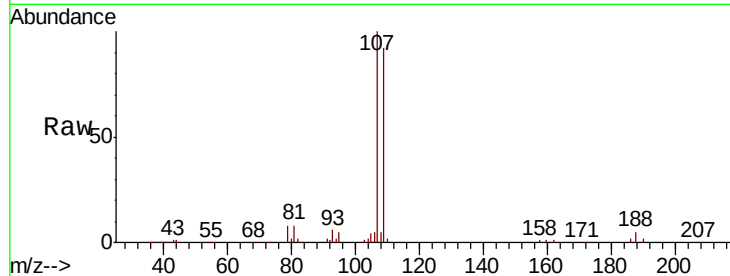




#61
 1,2-Dibromoethane
 Concen: 64.942 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

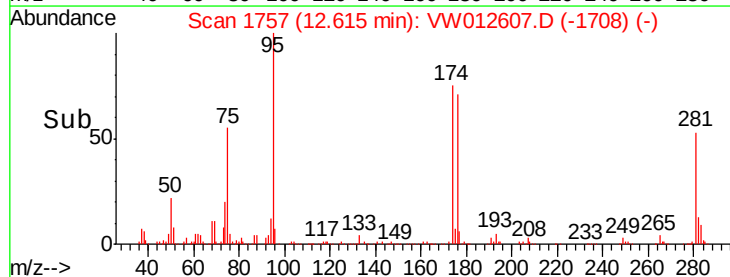
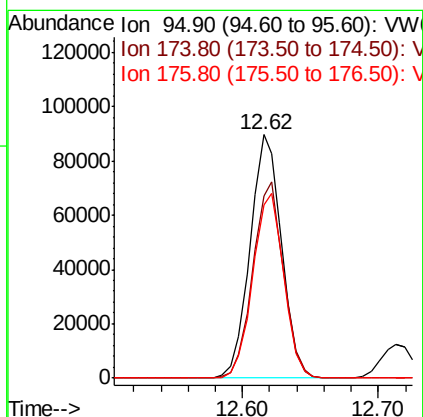
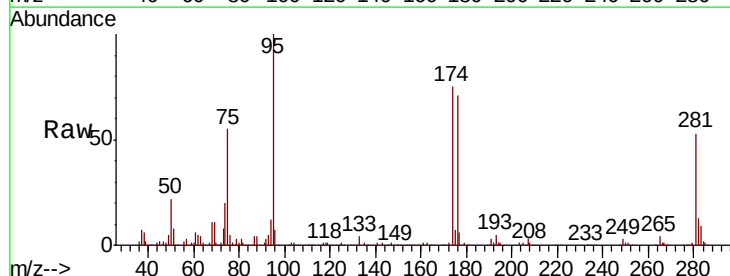
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

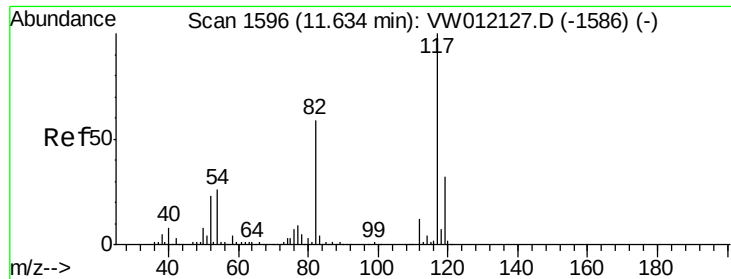
Tgt Ion: 107 Resp: 94362
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.175 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion: 95 Resp: 145223
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 150.8
 176 75.0 0.0 148.6

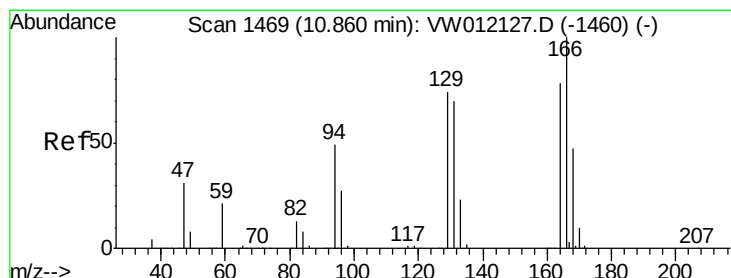
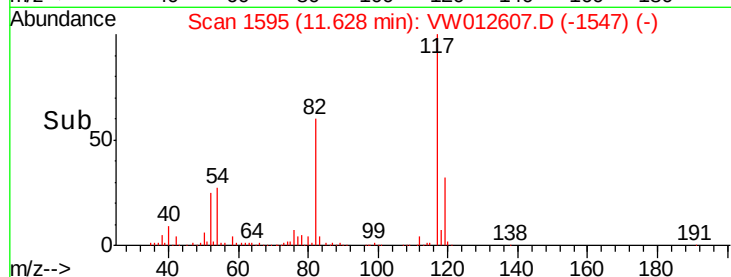
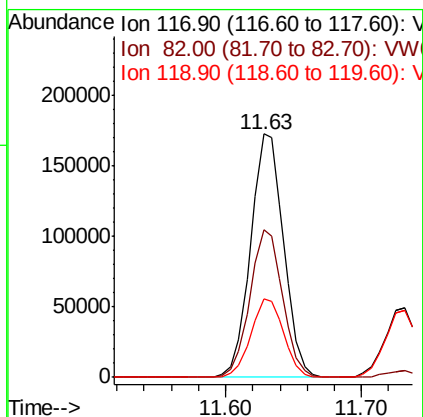
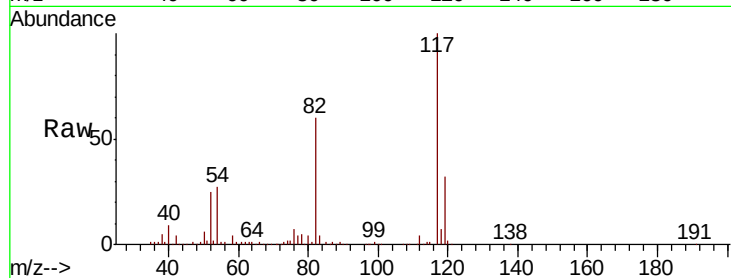




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

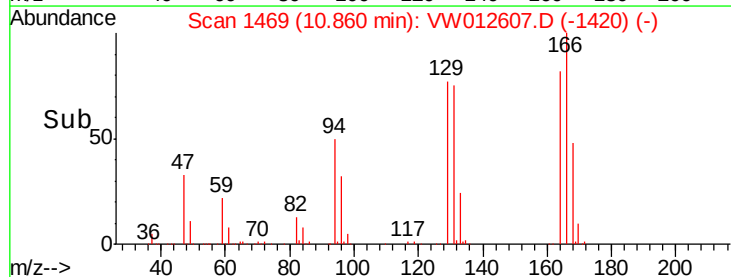
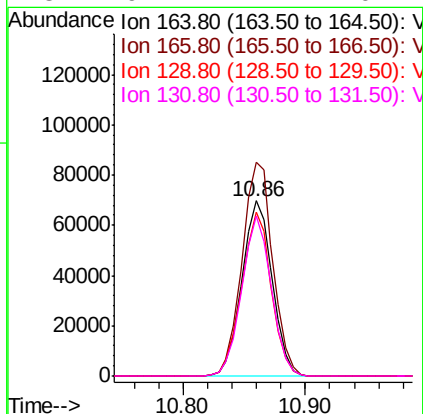
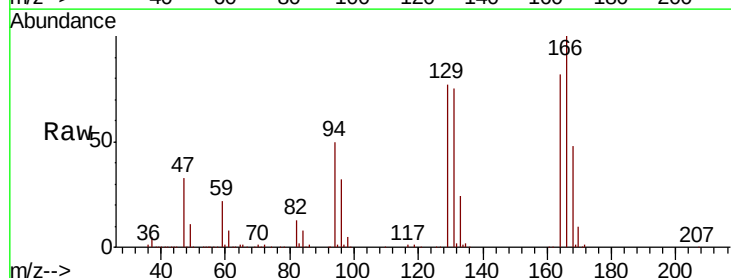
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

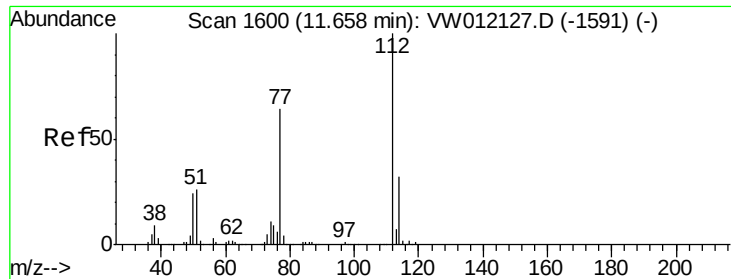
Tgt Ion:117 Resp: 293523
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 62.666 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion:164 Resp: 119254
Ion Ratio Lower Upper
164 100
166 122.0 102.4 153.6
129 93.7 75.8 113.6
131 91.1 71.4 107.2

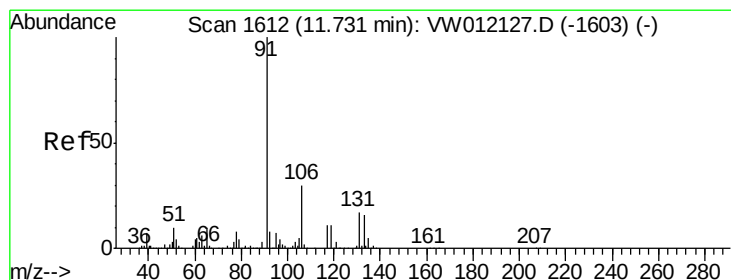
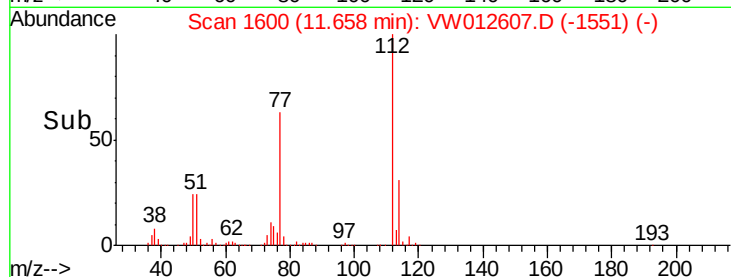
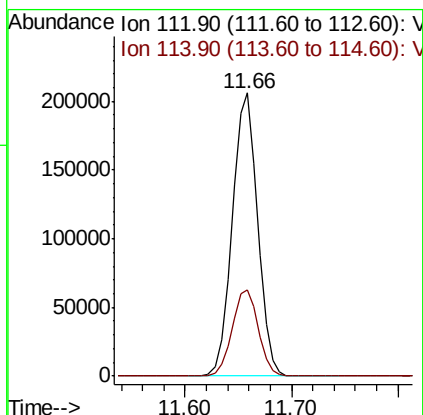
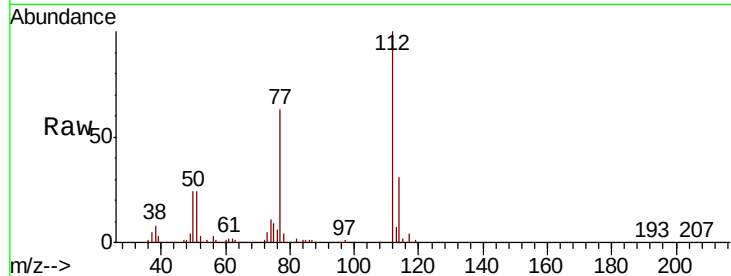




#65
Chlorobenzene
Concen: 59.407 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

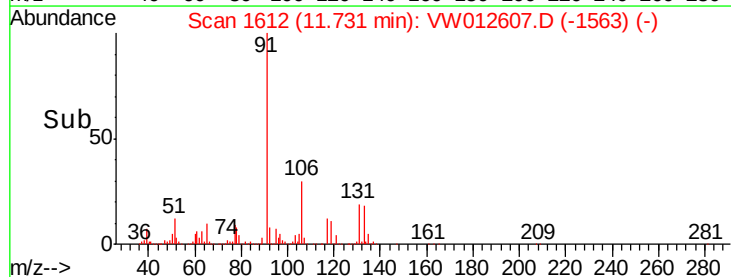
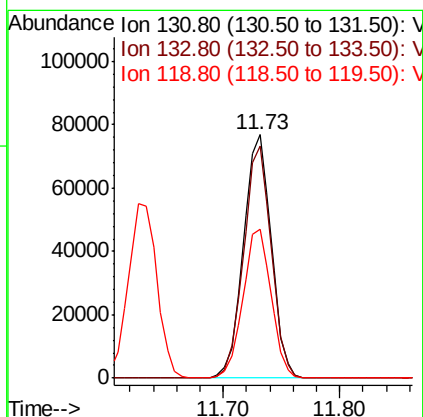
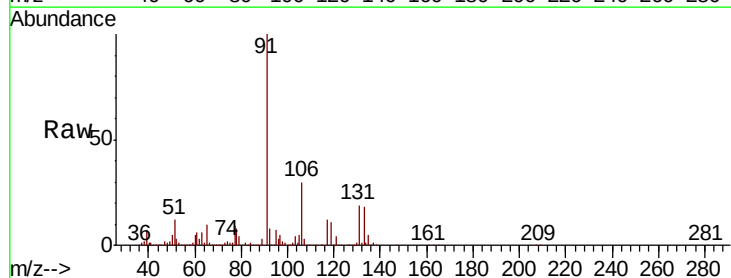
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

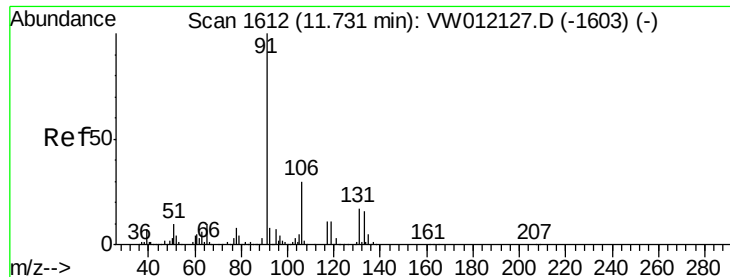
Tgt Ion:112 Resp: 343356
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 63.803 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion:131 Resp: 128647
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 62.0 31.8 95.3

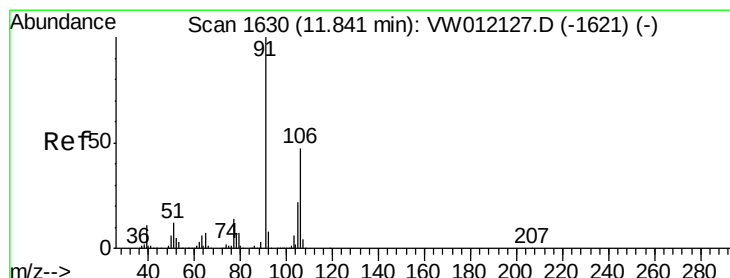
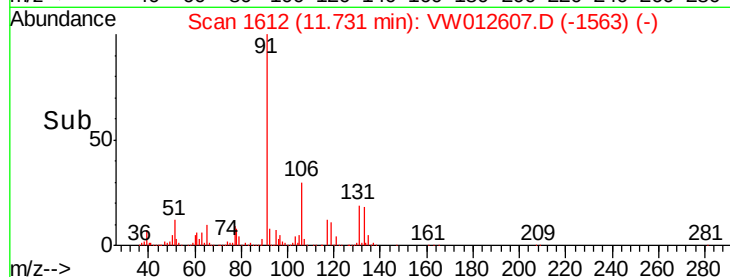
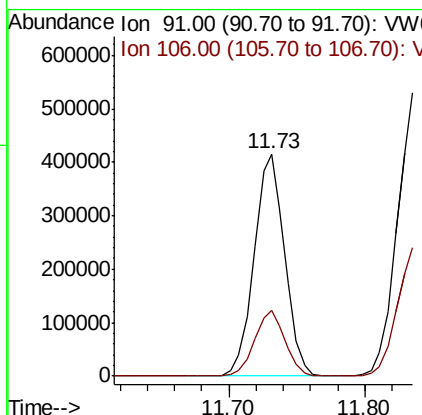
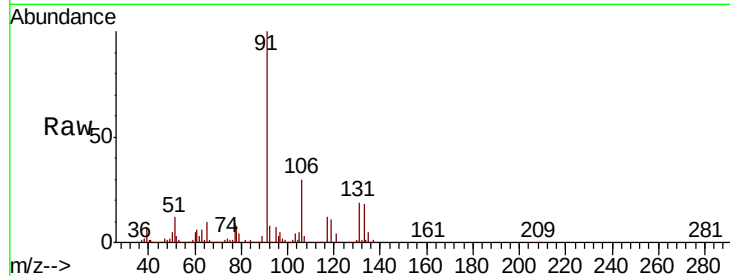




#67
Ethyl Benzene
Concen: 58.654 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

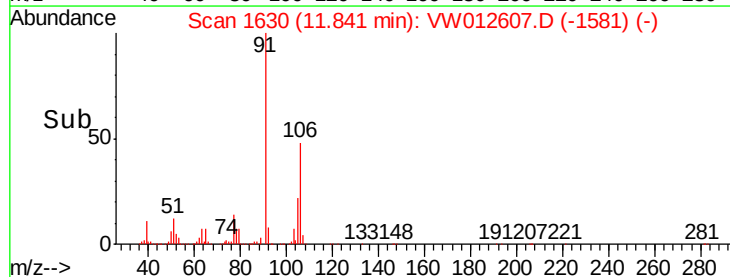
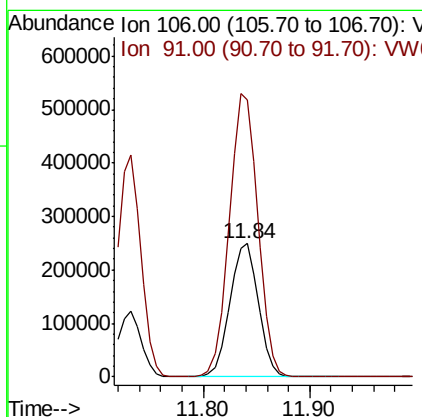
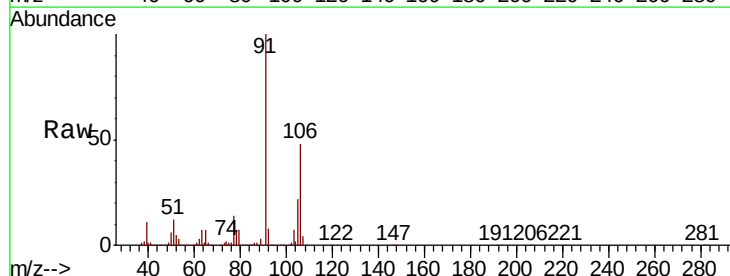
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

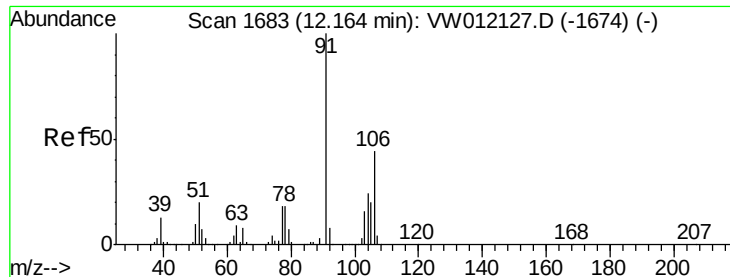
Tgt Ion: 91 Resp: 653034
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 116.443 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion: 106 Resp: 466990
Ion Ratio Lower Upper
106 100
91 213.4 169.5 254.3

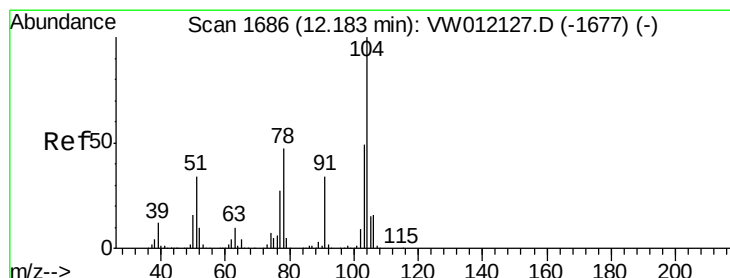
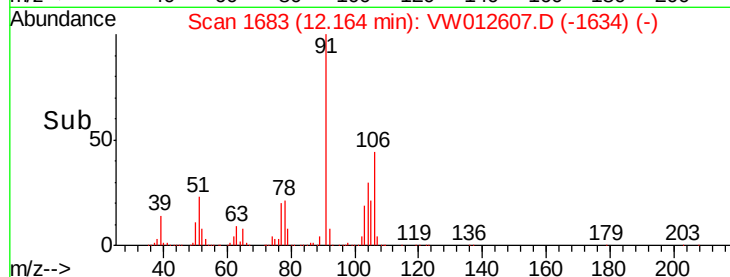
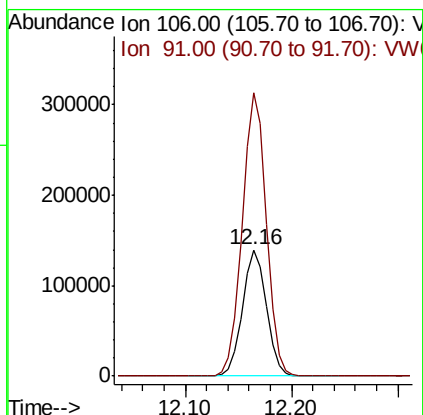
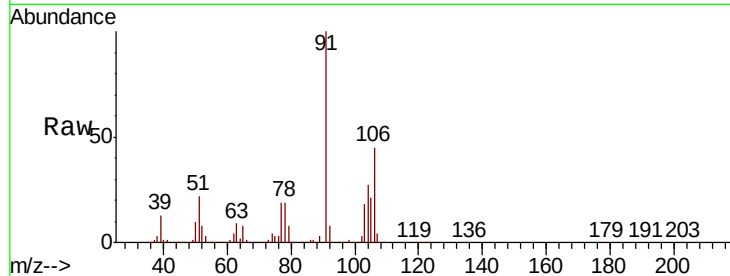




#69
o-Xylene
Concen: 59.392 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

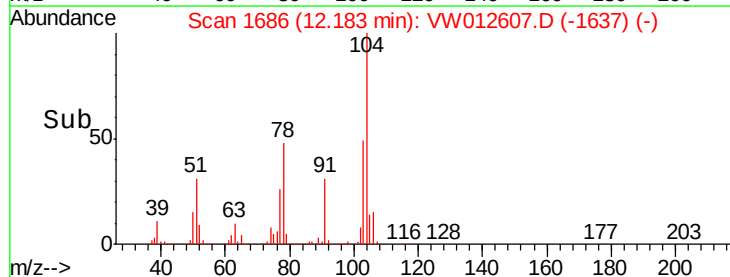
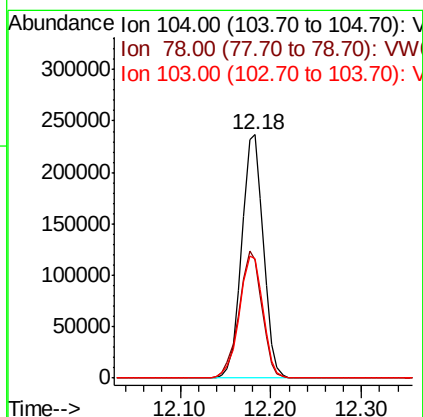
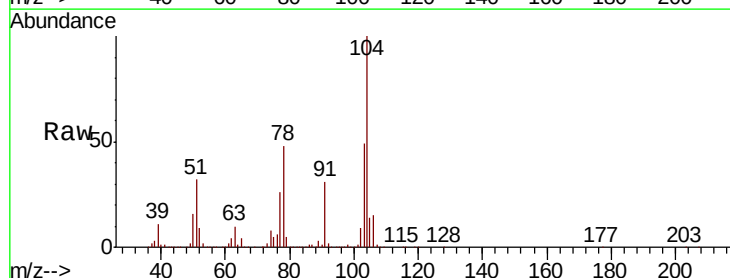
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

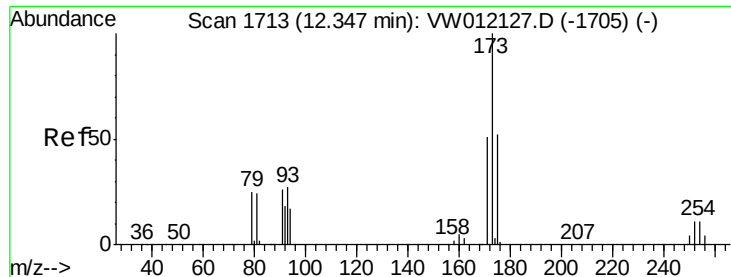
Tgt Ion:106 Resp: 220452
Ion Ratio Lower Upper
106 100
91 225.0 111.6 334.6



#70
Styrene
Concen: 60.843 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion:104 Resp: 390903
Ion Ratio Lower Upper
104 100
78 55.3 43.1 64.7
103 54.8 43.5 65.3





#71

Bromoform

Concen: 66.765 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

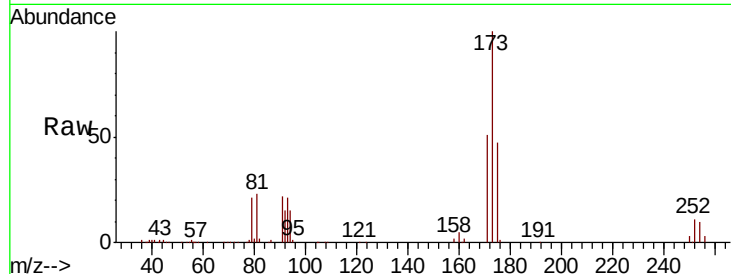
Tgt Ion:173 Resp: 67071

Ion Ratio Lower Upper

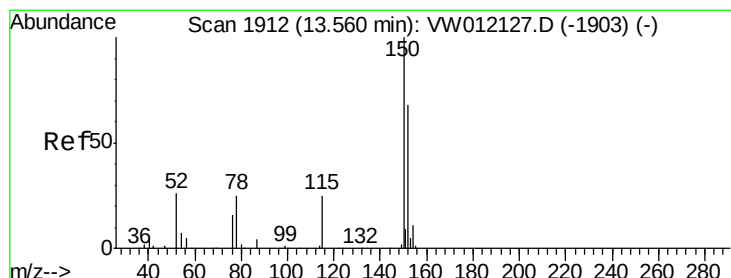
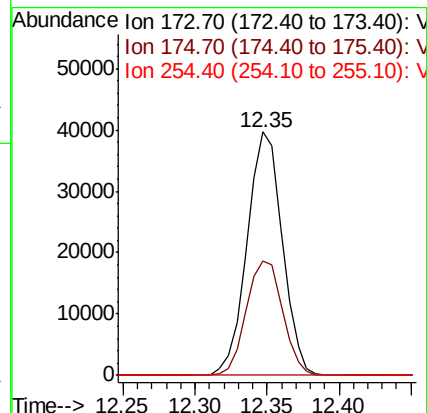
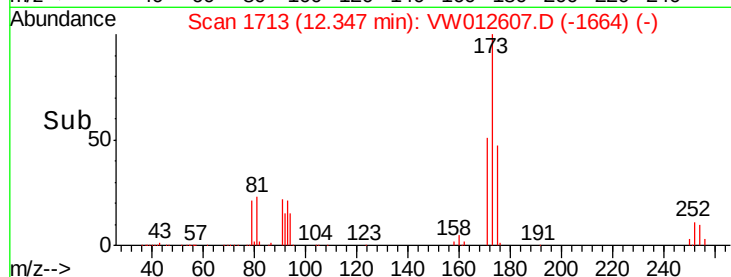
173 100

175 48.7 24.6 74.0

254 0.0 0.2 0.2#



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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

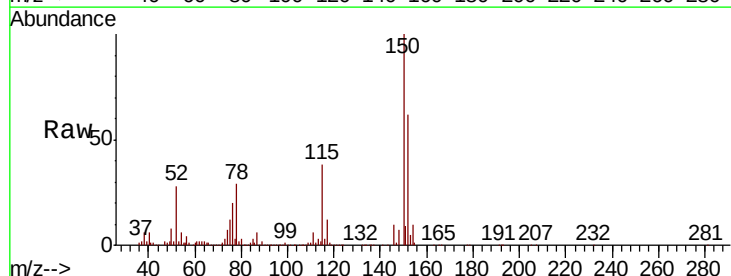
Tgt Ion:152 Resp: 144069

Ion Ratio Lower Upper

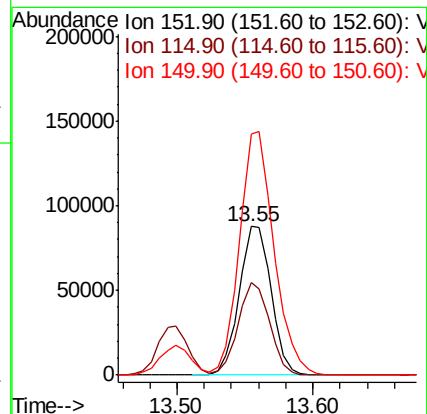
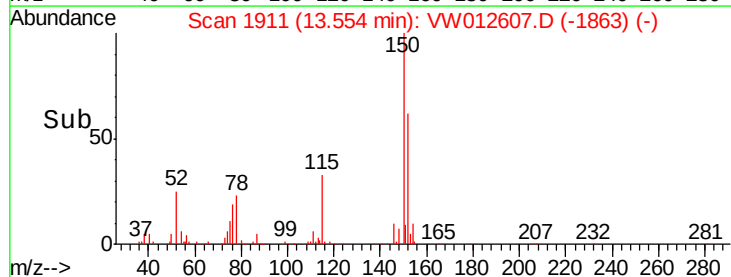
152 100

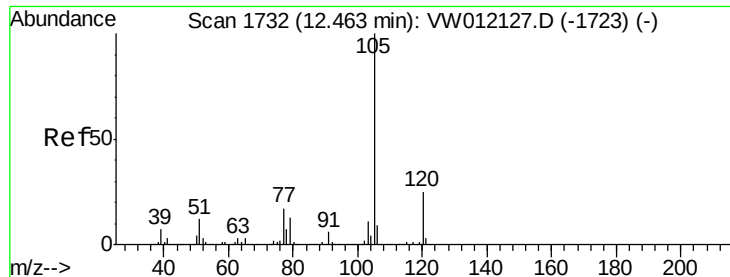
115 60.7 30.1 90.3

150 176.6 0.0 345.8



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: 56.967 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

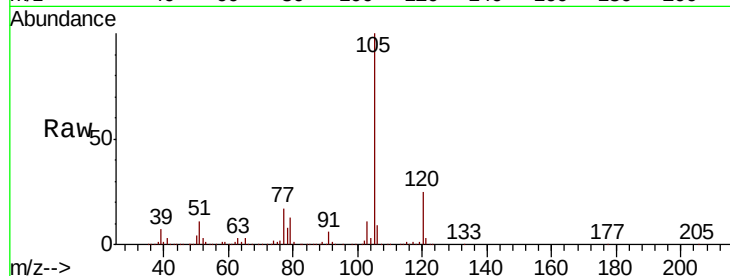
VSTDCCC050EC

Tgt Ion: 105 Resp: 614971

Ion Ratio Lower Upper

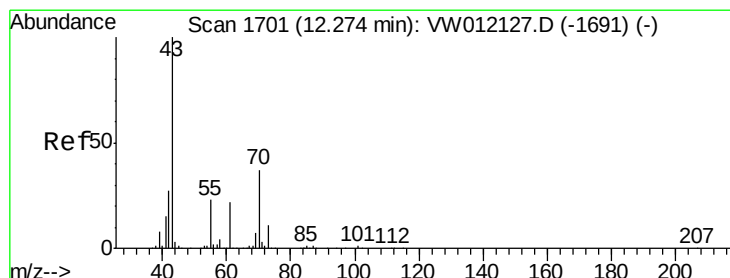
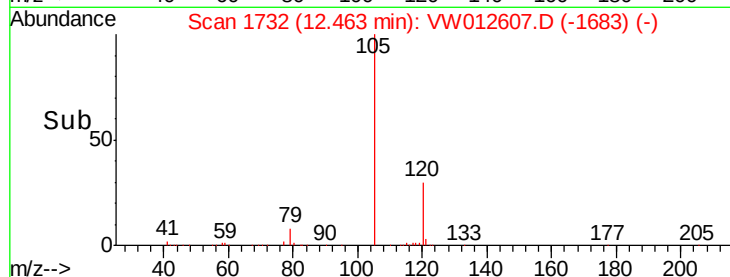
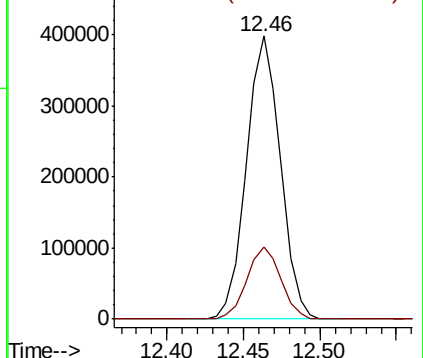
105 100

120 25.5 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.298 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Tgt Ion: 43 Resp: 193404

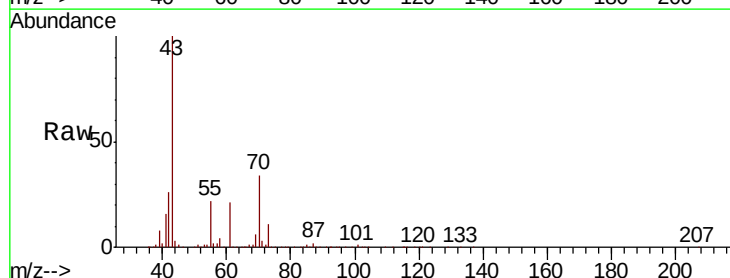
Ion Ratio Lower Upper

43 100

70 35.8 28.6 43.0

55 22.7 17.8 26.6

61 21.5 17.3 25.9

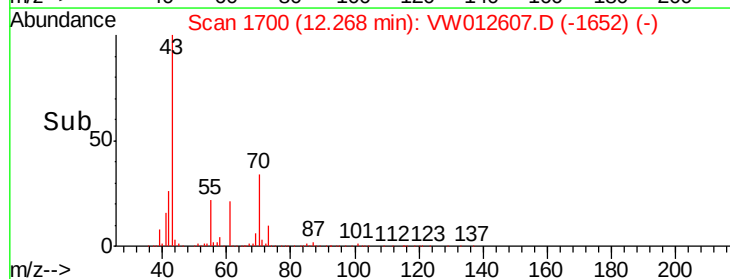
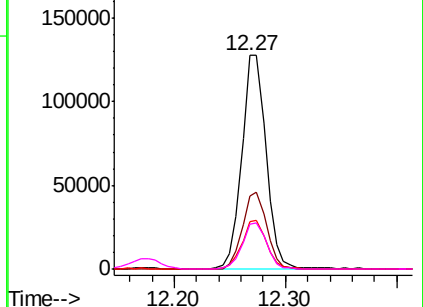


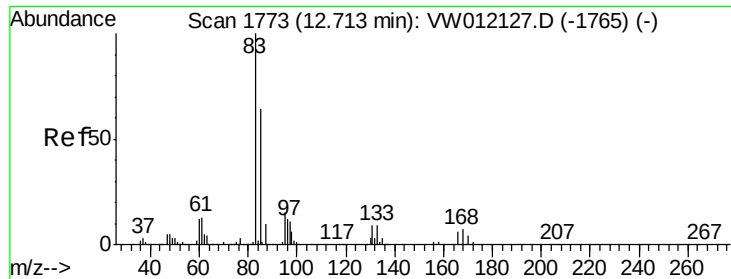
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 58.920 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

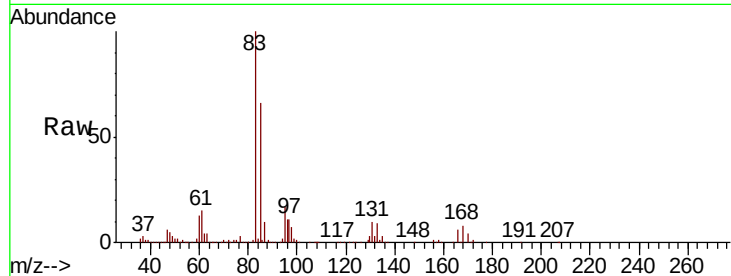
Tgt Ion: 83 Resp: 116608

Ion Ratio Lower Upper

83 100

131 10.7 4.9 14.7

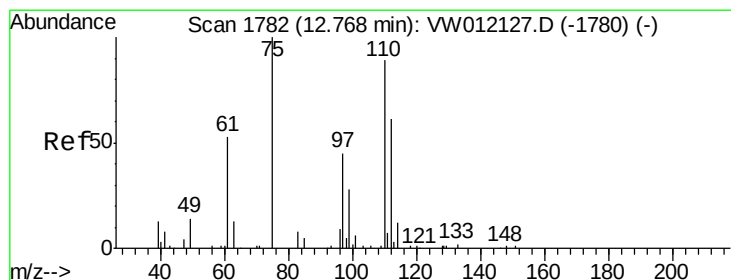
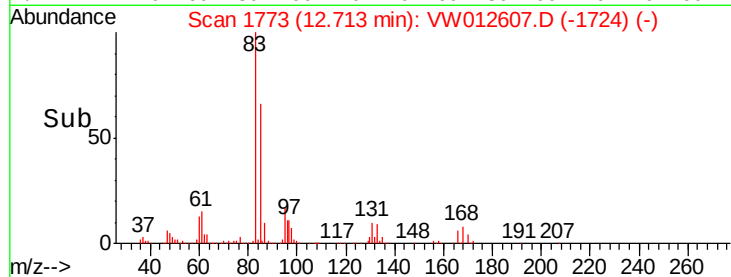
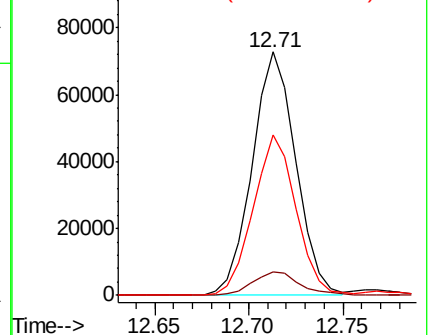
85 64.7 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 112.498 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012607.D

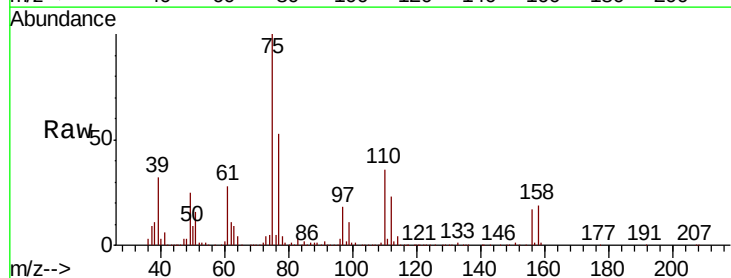
Acq: 04 Sep 2019 22:21

Tgt Ion: 75 Resp: 157849

Ion Ratio Lower Upper

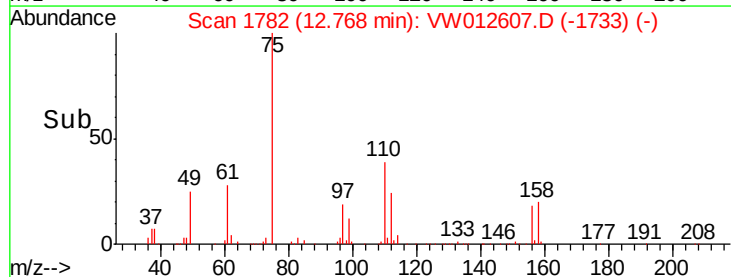
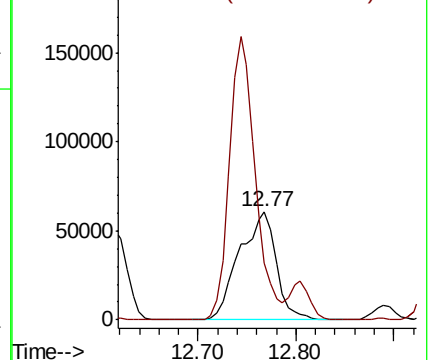
75 100

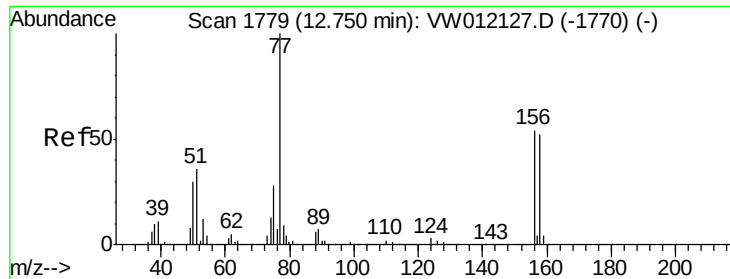
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 60.096 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

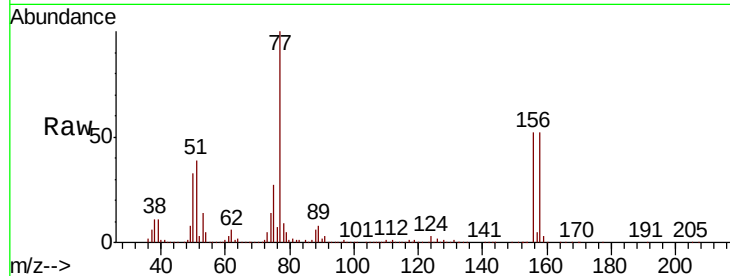
Tgt Ion:156 Resp: 140352

Ion Ratio Lower Upper

156 100

77 208.3 107.3 321.8

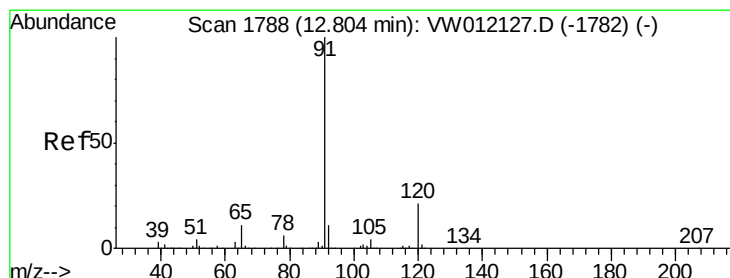
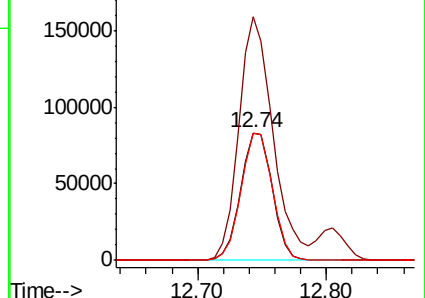
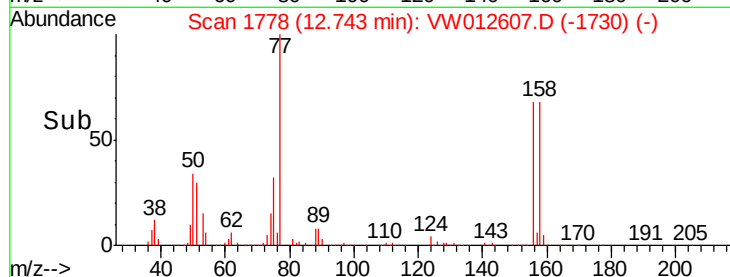
158 99.5 49.0 147.0



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: 56.498 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012607.D

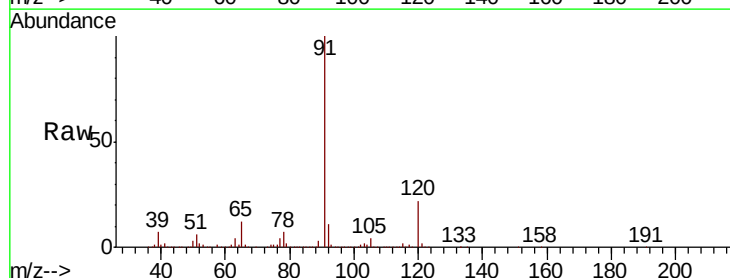
Acq: 04 Sep 2019 22:21

Tgt Ion: 91 Resp: 744583

Ion Ratio Lower Upper

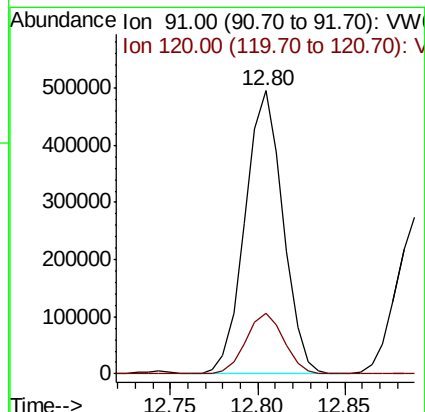
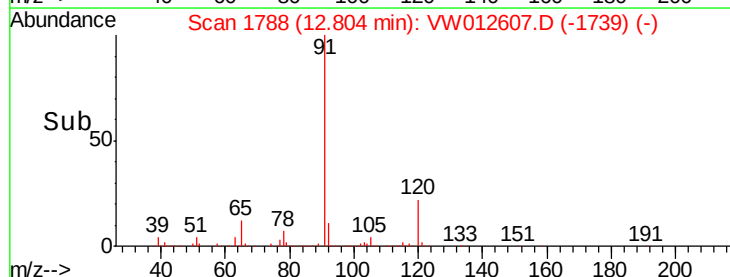
91 100

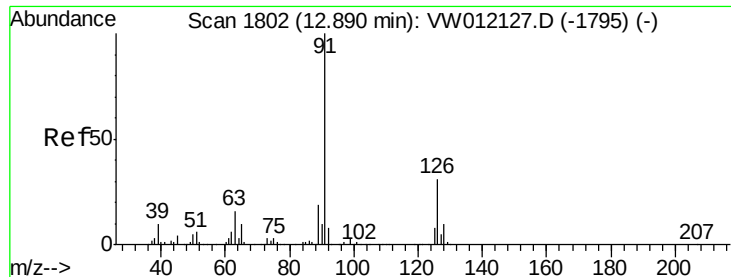
120 21.7 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.255 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

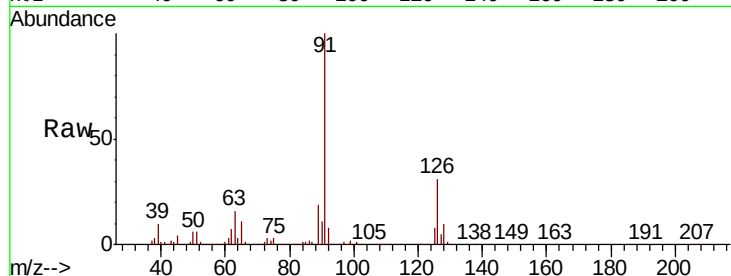
VSTDCCC050EC

Tgt Ion: 91 Resp: 435876

Ion Ratio Lower Upper

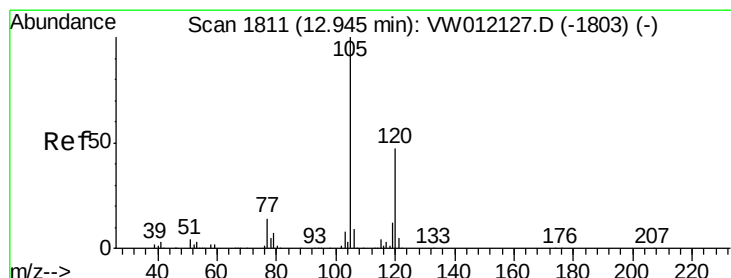
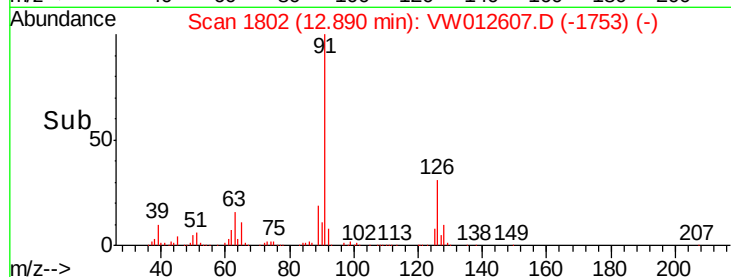
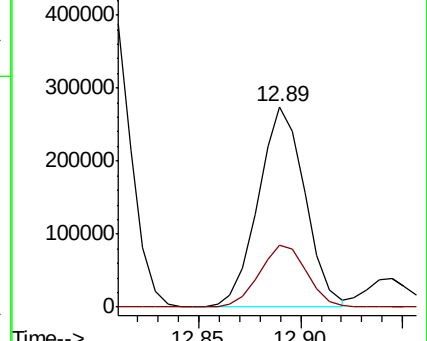
91 100

126 31.4 15.7 47.0



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: 58.695 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012607.D

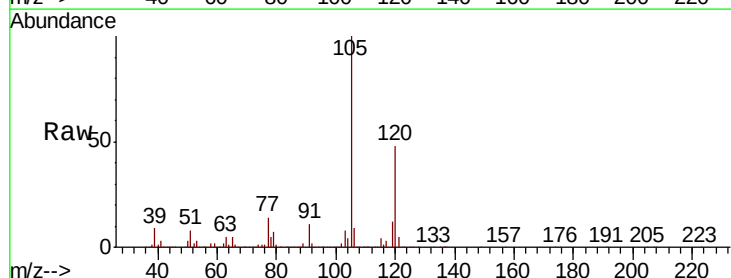
Acq: 04 Sep 2019 22:21

Tgt Ion: 105 Resp: 529456

Ion Ratio Lower Upper

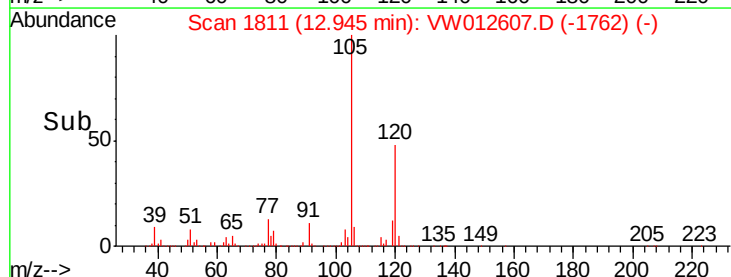
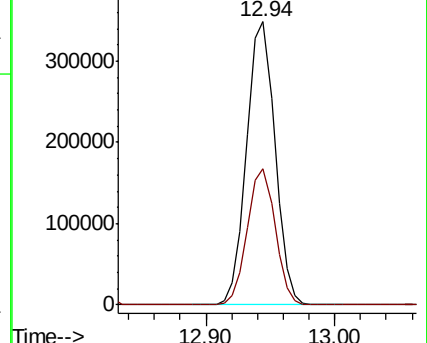
105 100

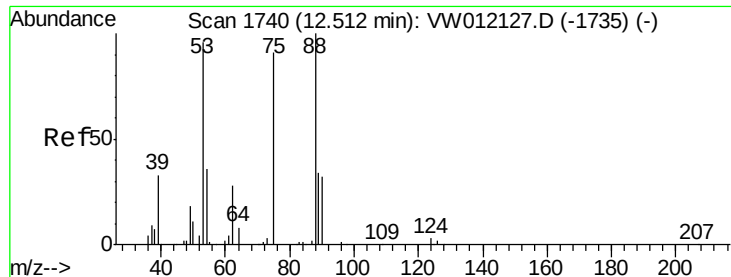
120 47.6 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

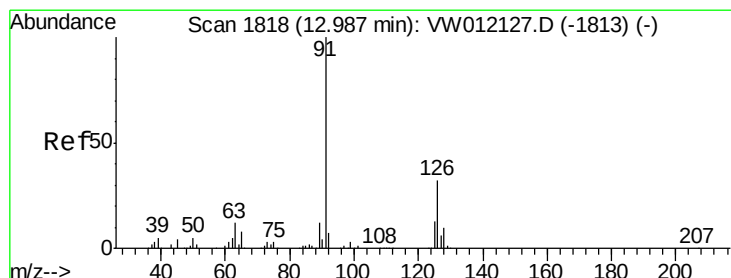
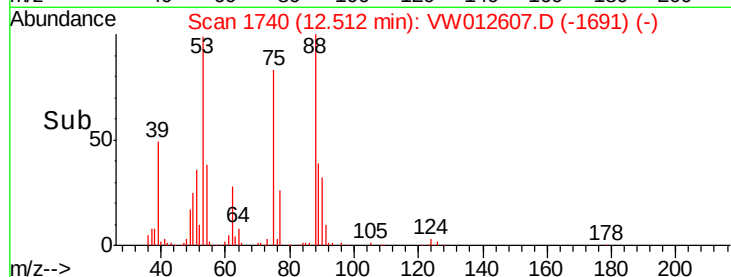
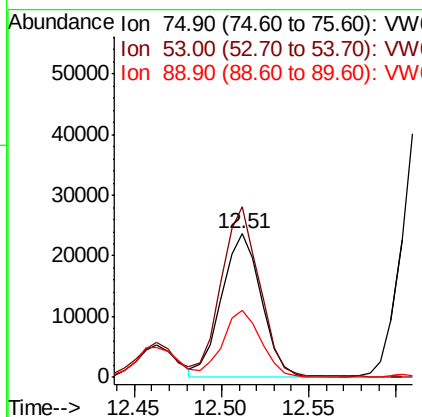
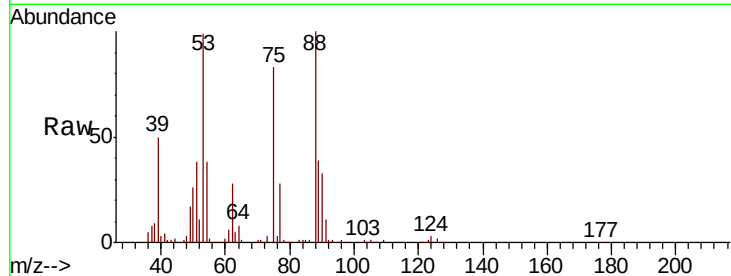




#81
trans-1,4-Dichloro-2-butene
Concen: 58.532 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

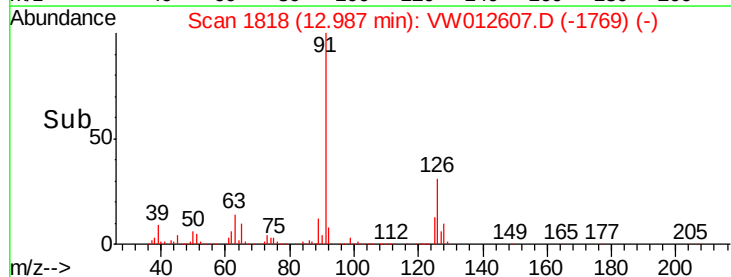
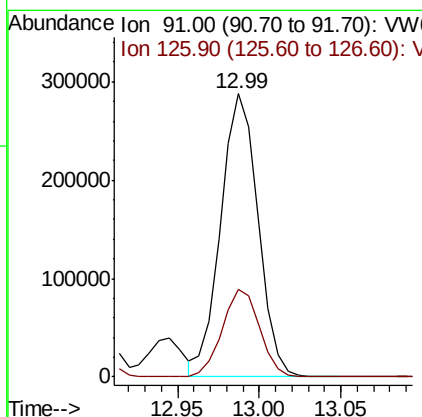
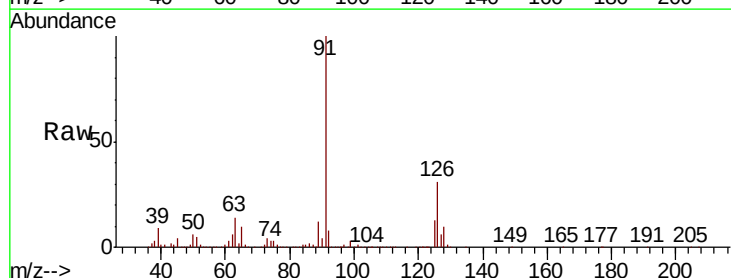
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

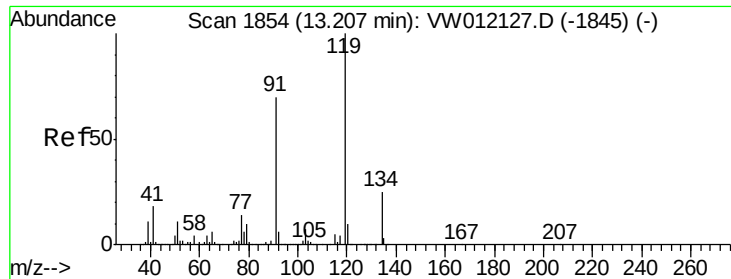
Tgt Ion: 75 Resp: 37458
Ion Ratio Lower Upper
75 100
53 113.1 89.4 134.0
89 44.7 34.5 51.7



#82
4-Chlorotoluene
Concen: 58.305 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion: 91 Resp: 456783
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.8





#83

tert-Butylbenzene

Concen: 59.529 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

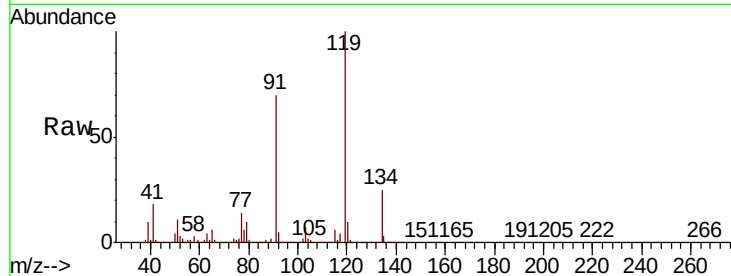
Tgt Ion:119 Resp: 454870

Ion Ratio Lower Upper

119 100

91 69.3 34.8 104.3

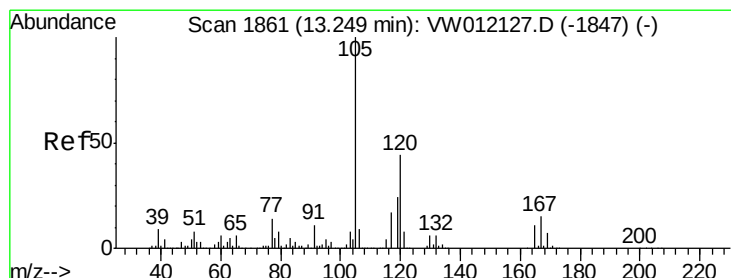
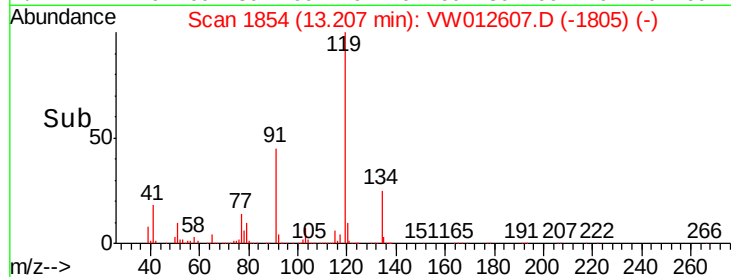
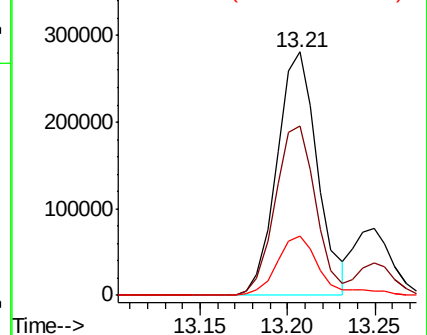
134 26.0 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 58.492 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012607.D

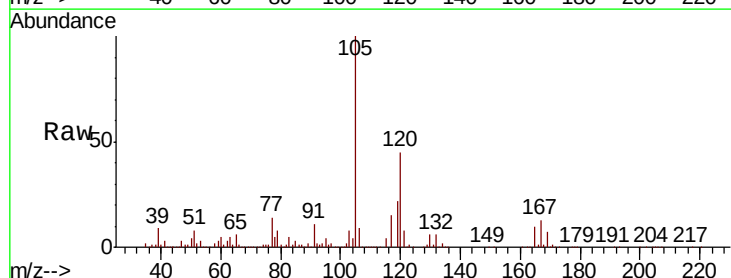
Acq: 04 Sep 2019 22:21

Tgt Ion:105 Resp: 530020

Ion Ratio Lower Upper

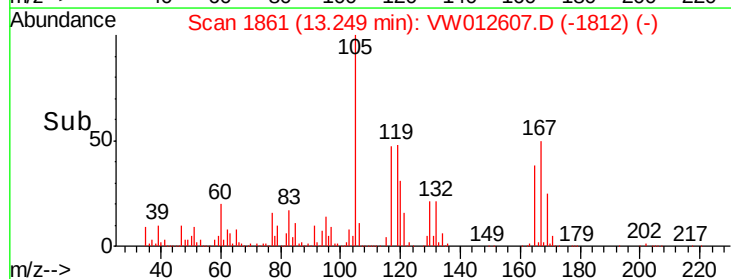
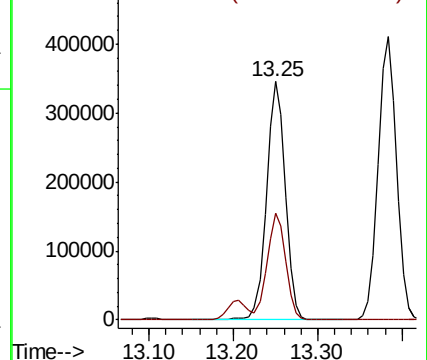
105 100

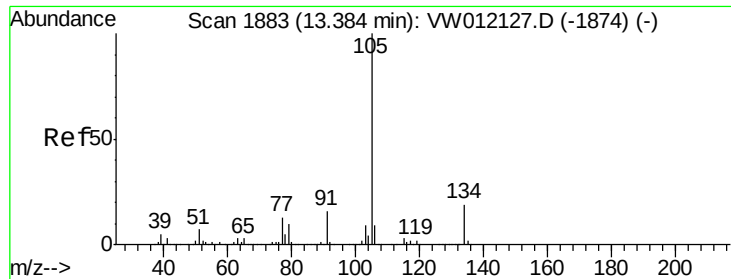
120 43.8 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.867 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

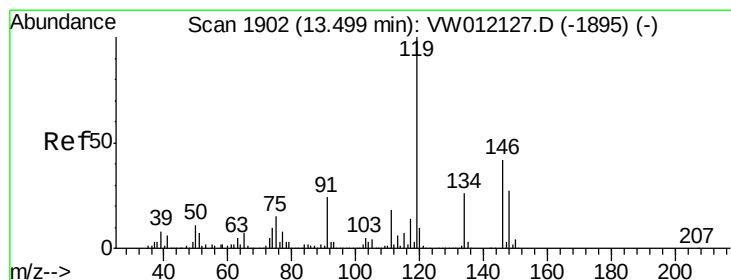
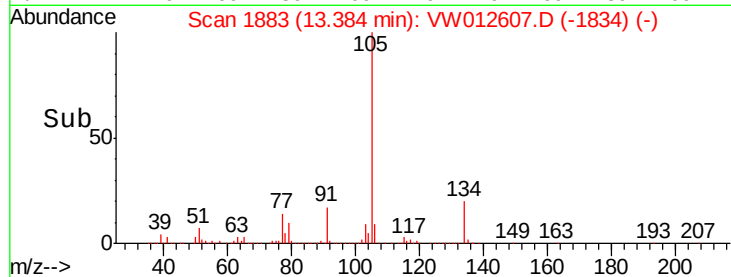
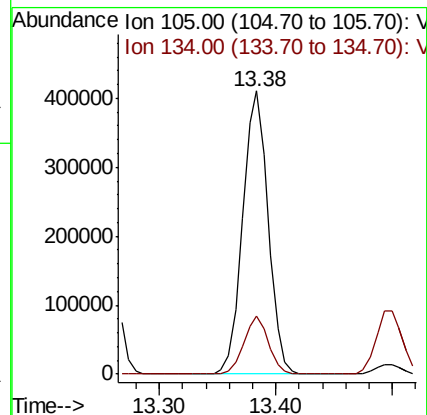
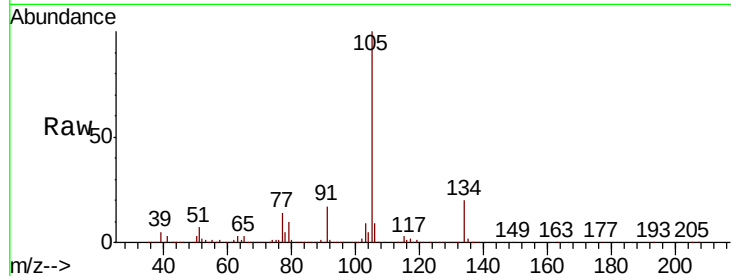
VSTDCCC050EC

Tgt Ion:105 Resp: 622539

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 57.995 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

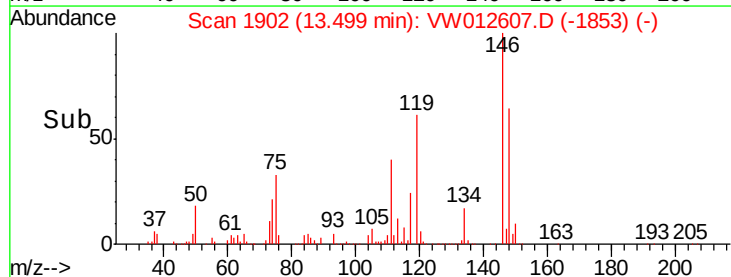
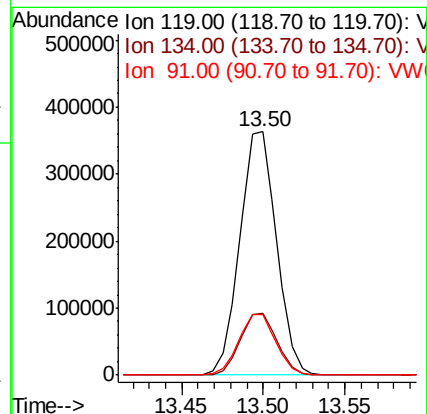
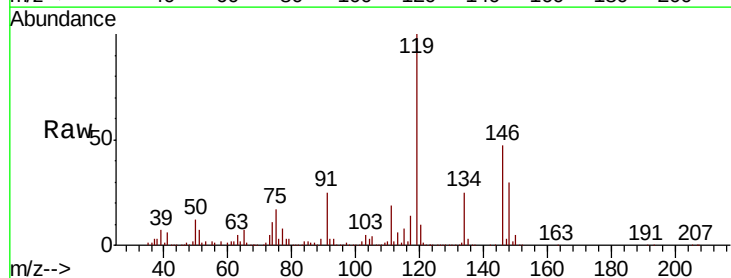
Tgt Ion:119 Resp: 566987

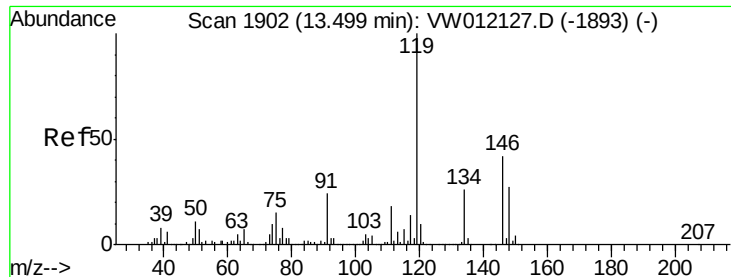
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 25.0 12.3 36.9

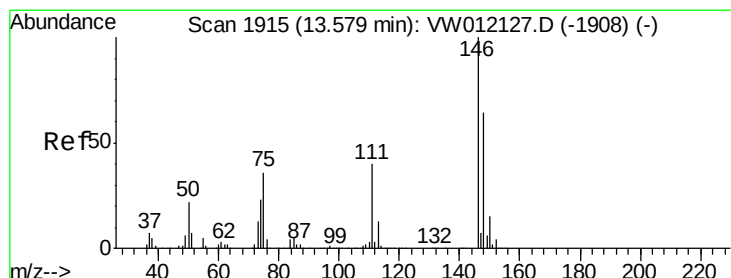
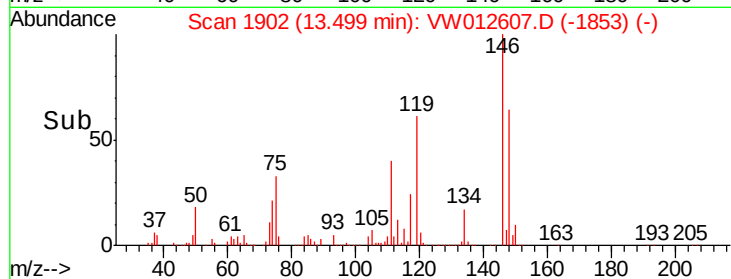
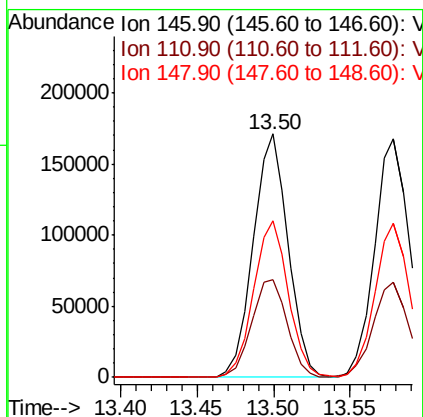
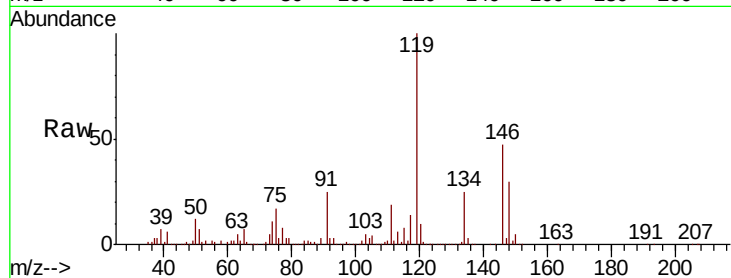




#87
 1,3-Dichlorobenzene
 Concen: 59.381 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

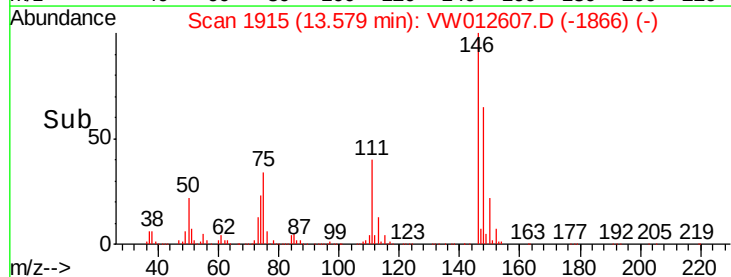
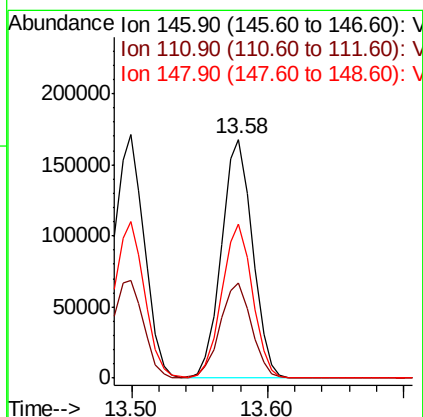
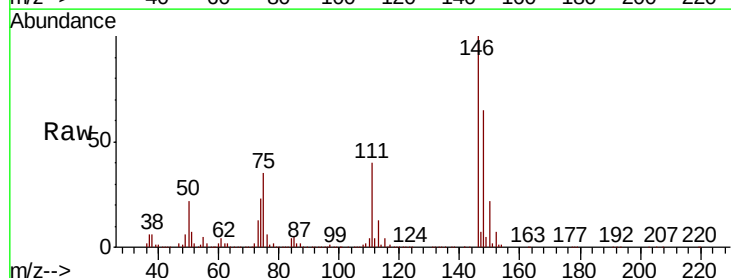
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

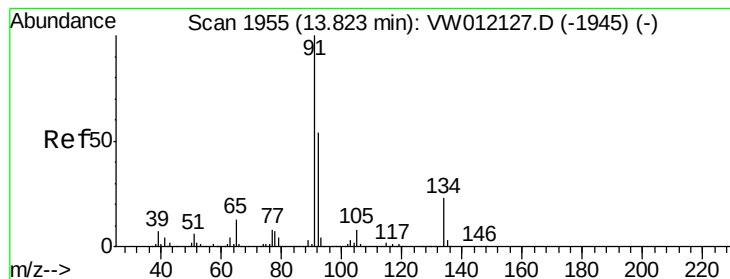
Tgt Ion:146 Resp: 271257
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.9 62.7
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 58.623 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion:146 Resp: 265899
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.0 32.1 96.3





#89

n-Butylbenzene

Concen: 56.343 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012607.D

Acq: 04 Sep 2019 22:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

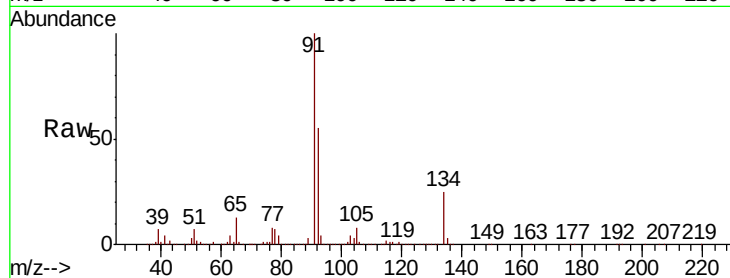
Tgt Ion: 91 Resp: 547777

Ion Ratio Lower Upper

91 100

92 53.7 27.1 81.2

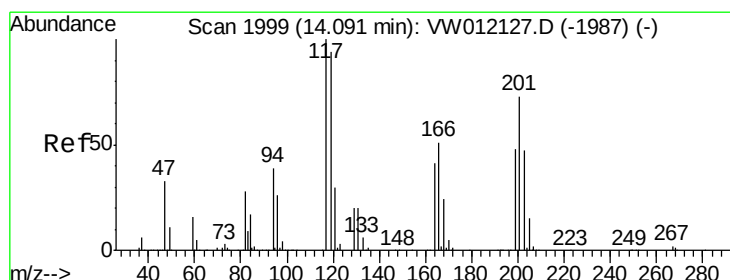
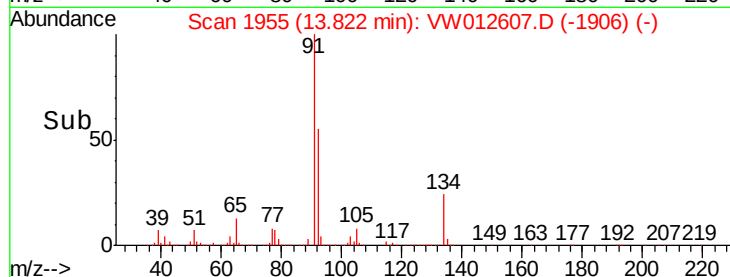
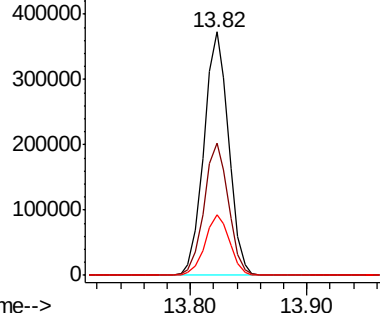
134 24.8 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 59.120 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012607.D

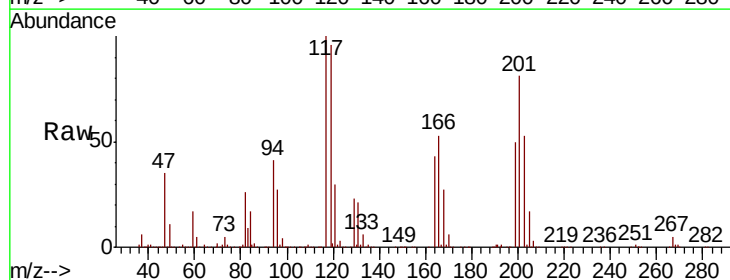
Acq: 04 Sep 2019 22:21

Tgt Ion: 117 Resp: 101407

Ion Ratio Lower Upper

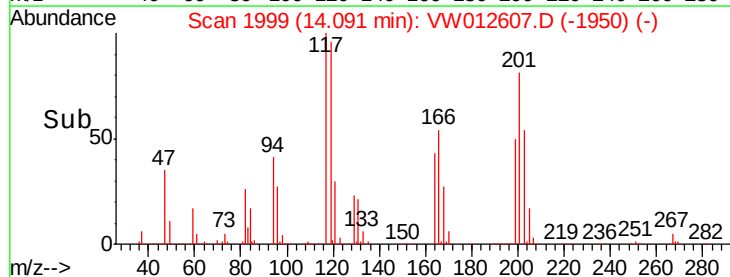
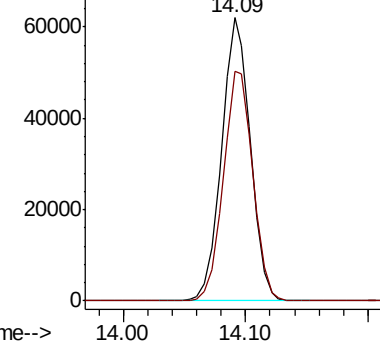
117 100

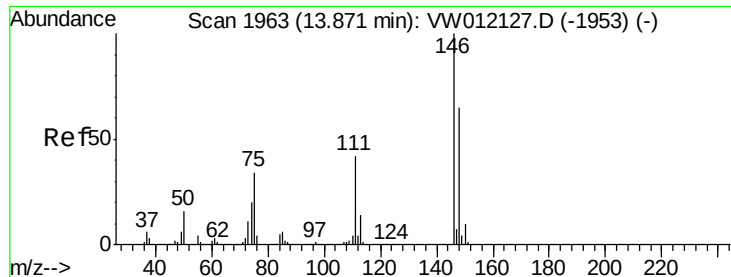
201 83.1 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

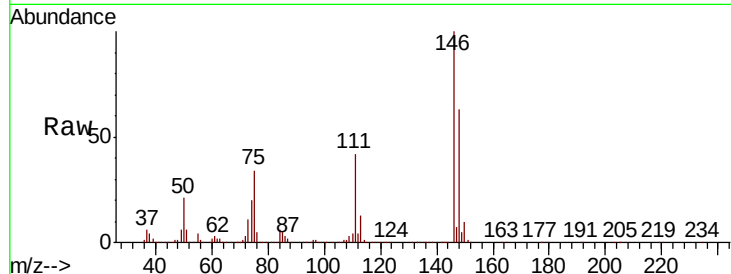




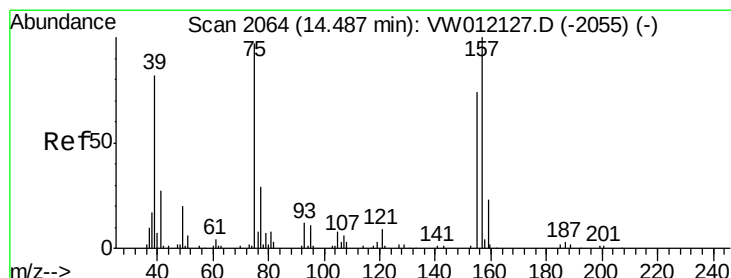
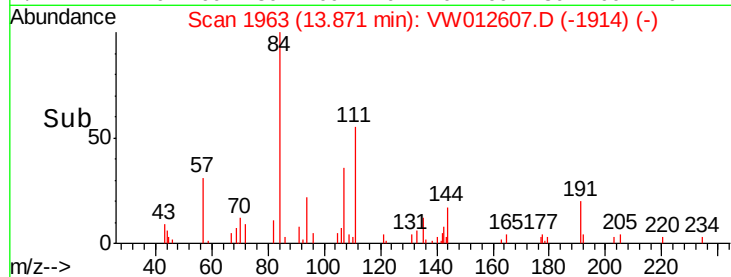
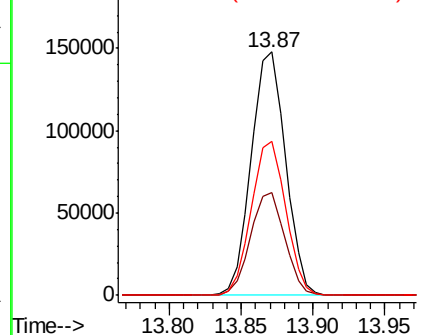
#91
 1,2-Dichlorobenzene
 Concen: 60.976 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	63.4	32.5	97.4

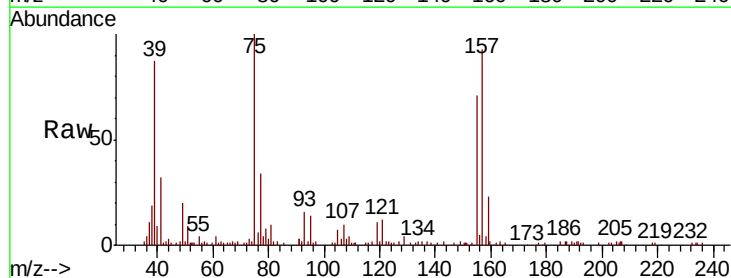


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

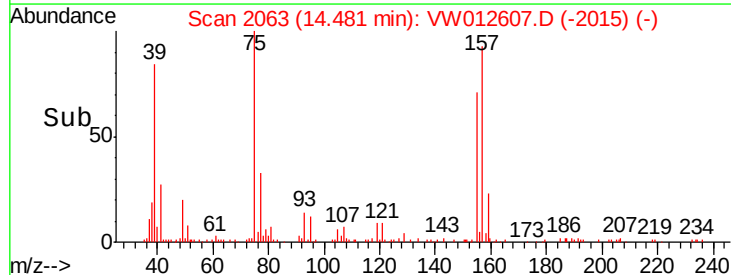
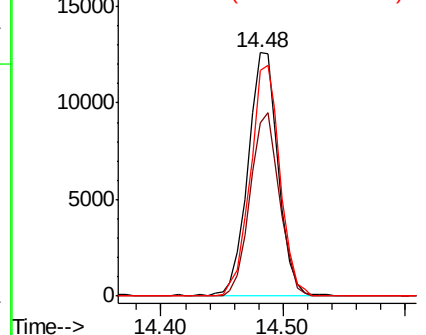


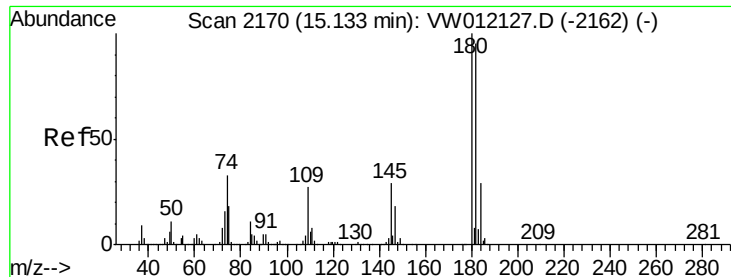
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 64.812 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.2	37.5	112.3
157	93.2	50.5	151.5



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

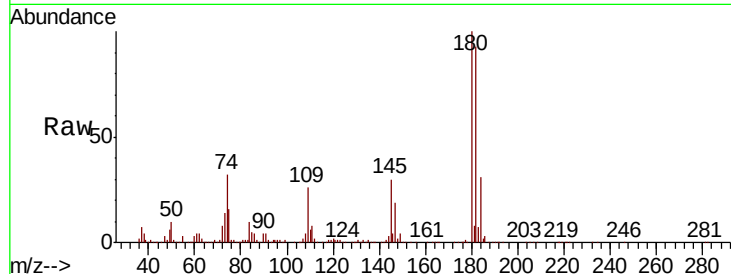




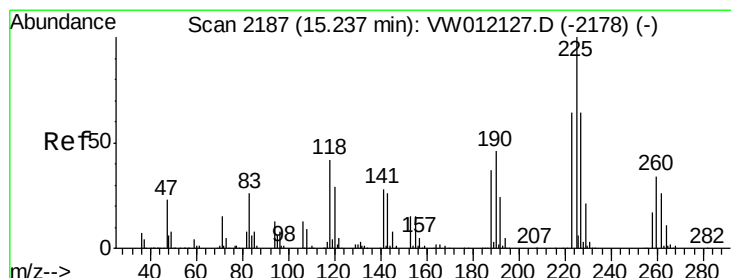
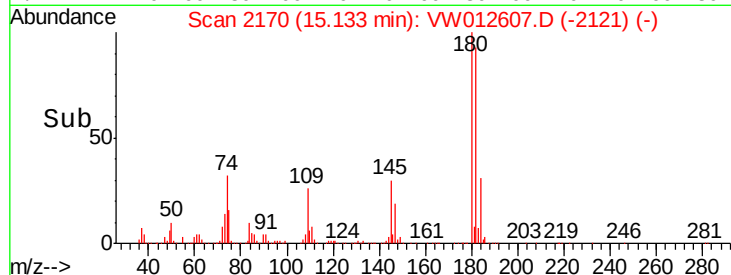
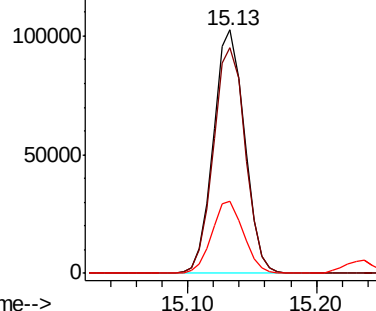
#93
 1,2,4-Trichlorobenzene
 Concen: 61.786 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	30.2	15.0	45.1

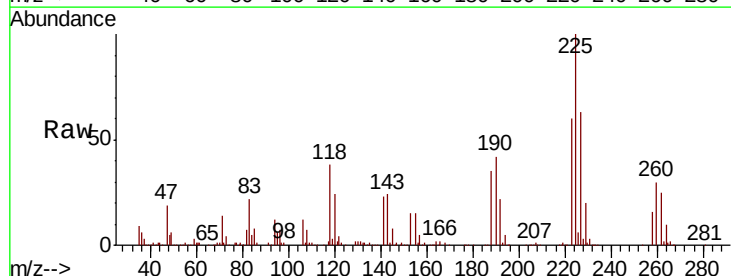


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

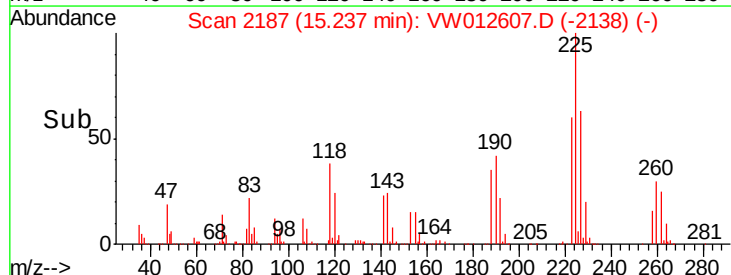
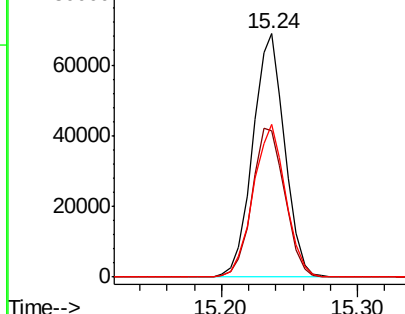


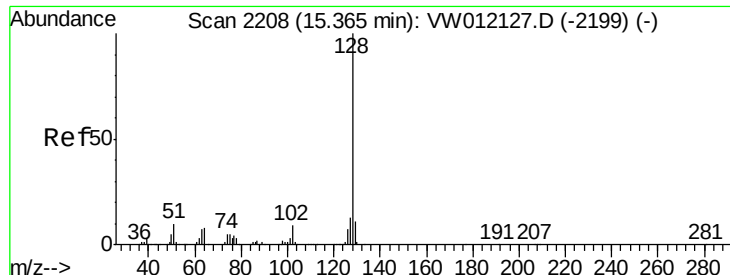
#94
 Hexachlorobutadiene
 Concen: 61.625 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012607.D
 Acq: 04 Sep 2019 22:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.3	96.8
227	63.9	32.9	98.6



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

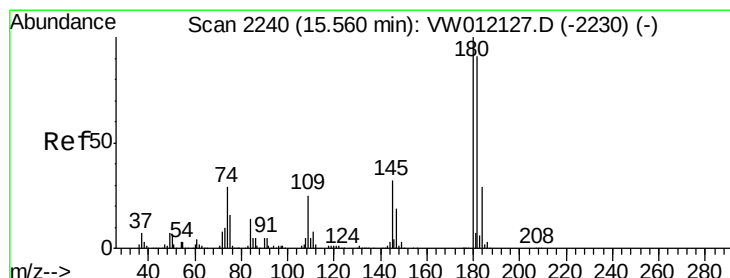
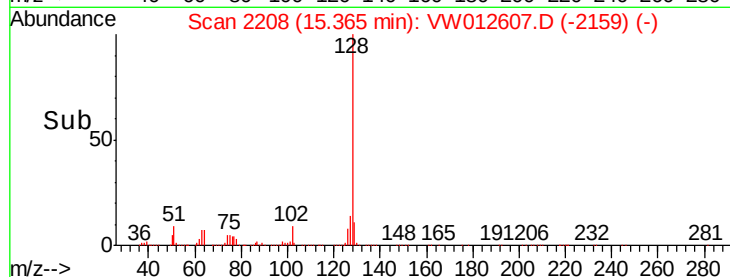
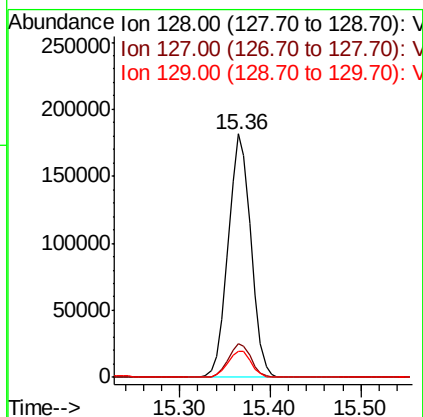
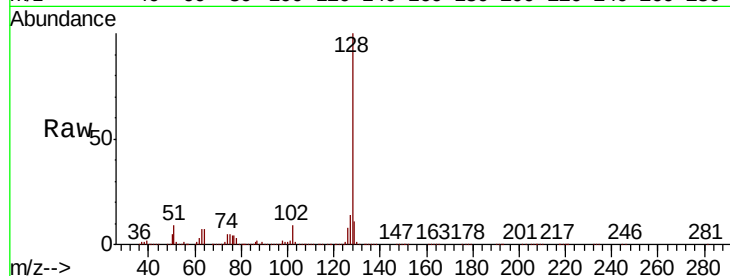




#95
Naphthalene
Concen: 57.361 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 315496
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 62.763 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012607.D
Acq: 04 Sep 2019 22:21

Tgt Ion:180 Resp: 151647
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 31.8 16.2 48.5

