

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082319\
 Data File : VW012130.D
 Acq On : 23 Aug 2019 13:41
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Quant Time: Aug 26 07:21:02 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	269614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174642	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	148787	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
35) Dibromofluoromethane	7.88	113	120340	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
50) Toluene-d8	10.32	98	505228	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.62	95	174584	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	95784	57.697	ug/l	96
3) Chloromethane	2.21	50	132031	51.334	ug/l	99
4) Vinyl Chloride	2.36	62	165941	52.713	ug/l	98
5) Bromomethane	2.78	94	84407	52.943	ug/l	100
6) Chloroethane	2.92	64	93091	52.420	ug/l	96
7) Trichlorofluoromethane	3.26	101	87252	55.198	ug/l	99
8) Diethyl Ether	3.68	74	75369	50.233	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	140533	52.303	ug/l	99
10) Methyl Iodide	4.27	142	189294	52.069	ug/l	100
11) Tert butyl alcohol	5.18	59	48469	251.293	ug/l	98
12) 1,1-Dichloroethene	4.04	96	142279	52.611	ug/l	96
13) Acrolein	3.89	56	41522	228.695	ug/l	99
14) Allyl chloride	4.67	41	306769	53.060	ug/l	100
15) Acrylonitrile	5.37	53	186296	250.503	ug/l	99
16) Acetone	4.12	43	228898	279.390	ug/l	99
17) Carbon Disulfide	4.39	76	450277	55.093	ug/l	99
18) Methyl Acetate	4.67	43	96940	47.772	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	225241	51.503	ug/l	100
20) Methylene Chloride	4.92	84	150451	48.576	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	150334	51.839	ug/l	100
22) Diisopropyl ether	6.31	45	543517	50.717	ug/l	99
23) Vinyl Acetate	6.25	43	1726304	261.754	ug/l	99
24) 1,1-Dichloroethane	6.21	63	293381	50.280	ug/l	99
25) 2-Butanone	7.17	43	288298	258.957	ug/l	98
26) 2,2-Dichloropropane	7.17	77	174425	52.813	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	158224	51.066	ug/l	100
28) Bromochloromethane	7.51	49	127374	50.085	ug/l	98
29) Tetrahydrofuran	7.53	42	172193	257.799	ug/l	99
30) Chloroform	7.68	83	264706	49.585	ug/l	99
31) Cyclohexane	7.96	56	287642	49.826	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	218918	51.838	ug/l	100
36) 1,1-Dichloropropene	8.08	75	233366	52.908	ug/l	99
37) Ethyl Acetate	7.25	43	122228	50.569	ug/l	99
38) Carbon Tetrachloride	8.07	117	200446	52.505	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	267885	54.062	ug/l	99
40) Benzene	8.32	78	613608	50.947	ug/l	99
41) Methacrylonitrile	7.48	41	80024	56.332	ug/l	93
42) 1,2-Dichloroethane	8.40	62	188372	49.904	ug/l	99
43) Isopropyl Acetate	8.42	43	229213	51.197	ug/l	99
44) Trichloroethene	9.09	130	150148	51.283	ug/l	94
45) 1,2-Dichloropropane	9.37	63	162778	50.219	ug/l	100
46) Dibromomethane	9.46	93	72519	50.284	ug/l	99
47) Bromodichloromethane	9.65	83	194793	50.750	ug/l	98
48) Methyl methacrylate	9.43	41	116922	54.870	ug/l	96
49) 1,4-Dioxane	9.45	88	22659	1026.304	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	586232	257.436	ug/l	100
52) Toluene	10.39	92	372823	51.528	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	206180	52.735	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	246662	52.250	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102597	50.280	ug/l	99
56) Ethyl methacrylate	10.65	69	157108	52.902	ug/l	99
57) 1,3-Dichloropropane	10.93	76	196493	50.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	380917	249.920	ug/l	99
59) 2-Hexanone	10.97	43	432723	268.561	ug/l	100
60) Dibromochloromethane	11.13	129	117968	51.905	ug/l	99
61) 1,2-Dibromoethane	11.24	107	97500	51.289	ug/l	99
64) Tetrachloroethene	10.86	164	122650	51.492	ug/l	97
65) Chlorobenzene	11.66	112	369800	51.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	130414	51.674	ug/l	99
67) Ethyl Benzene	11.73	91	728637	52.286	ug/l	100
68) m/p-Xylenes	11.84	106	528187	105.221	ug/l	99
69) o-Xylene	12.16	106	245984	52.945	ug/l	99
70) Styrene	12.18	104	420939	52.344	ug/l	99
71) Bromoform	12.35	173	64548	51.334	ug/l #	100
73) Isopropylbenzene	12.46	105	690611	52.774	ug/l	99
74) N-amyl acetate	12.27	43	211788	53.567	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	120385	50.180	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	165190	97.120	ug/l #	100
77) Bromobenzene	12.75	156	147972	52.267	ug/l	98
78) n-propylbenzene	12.80	91	845975	52.954	ug/l	99
79) 2-Chlorotoluene	12.90	91	476854	52.575	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	579606	53.006	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42427	54.691	ug/l	98
82) 4-Chlorotoluene	12.99	91	492058	51.812	ug/l	100
83) tert-Butylbenzene	13.21	119	491943	53.110	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	577171	52.545	ug/l	98
85) sec-Butylbenzene	13.38	105	706933	53.271	ug/l	100
86) p-Isopropyltoluene	13.50	119	639566	53.966	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	284415	51.362	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	283546	51.570	ug/l	100
89) n-Butylbenzene	13.82	91	644924	54.722	ug/l	99
90) Hexachloroethane	14.10	117	110866	53.320	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	251754	51.825	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20749	51.302	ug/l	96

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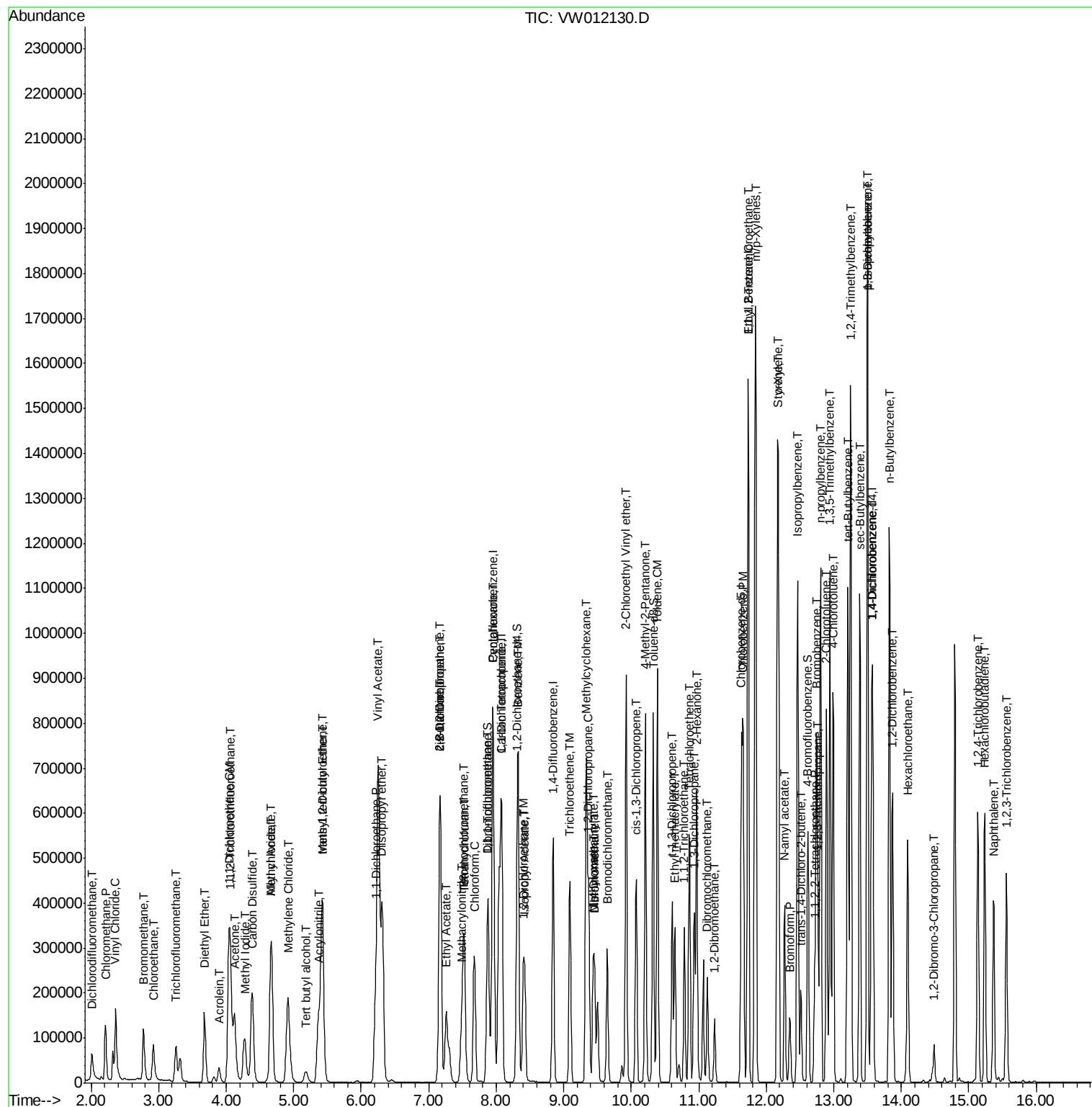
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	185311	55.201	ug/l	100
94) Hexachlorobutadiene	15.24	225	119441	53.884	ug/l	98
95) Naphthalene	15.36	128	334052	50.649	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	162034	55.322	ug/l	99

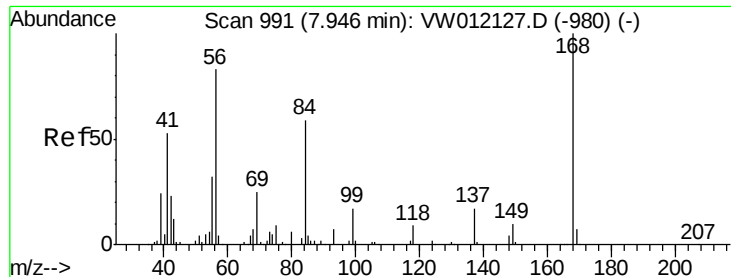
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

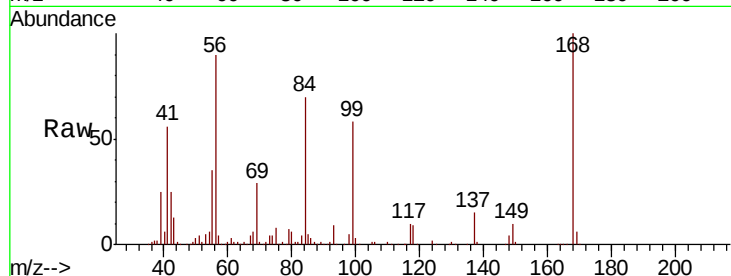
ICVW082319

Tgt Ion:168 Resp: 269614

Ion Ratio Lower Upper

168 100

99 58.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

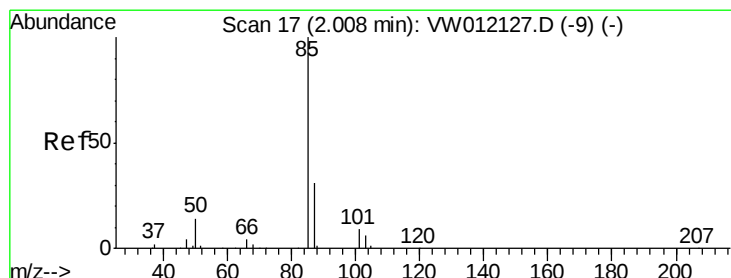
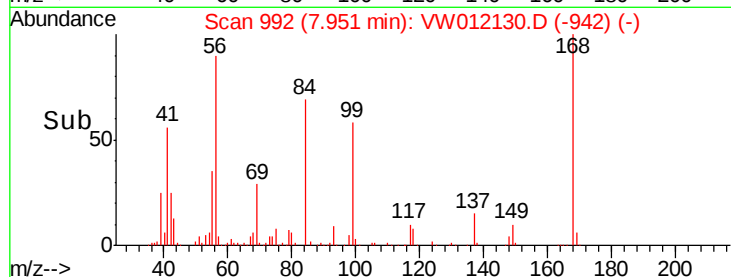
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 57.697 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012130.D

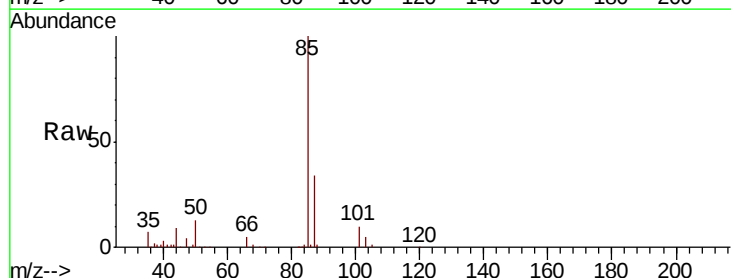
Acq: 23 Aug 2019 13:41

Tgt Ion: 85 Resp: 95784

Ion Ratio Lower Upper

85 100

87 33.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

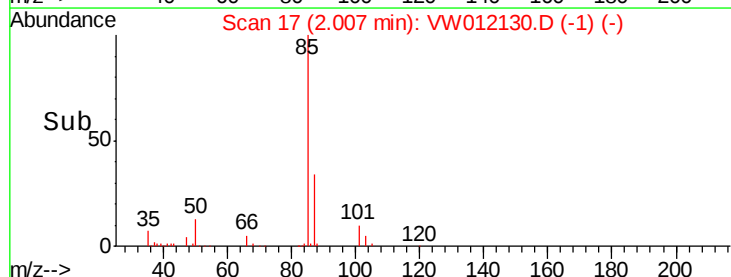
30000

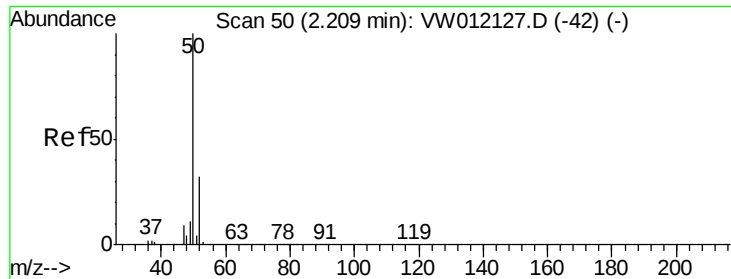
20000

10000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 51.334 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

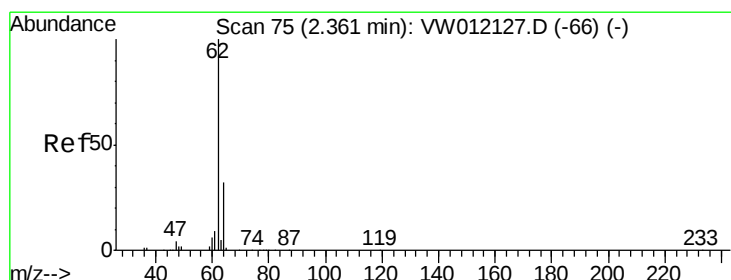
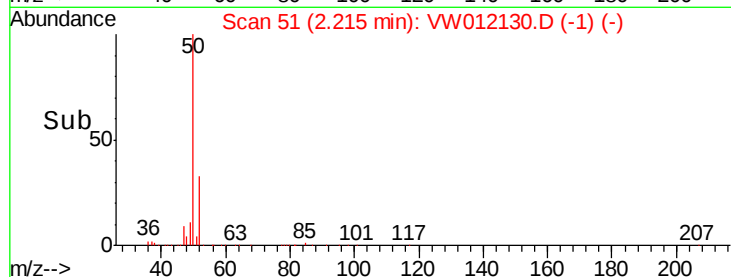
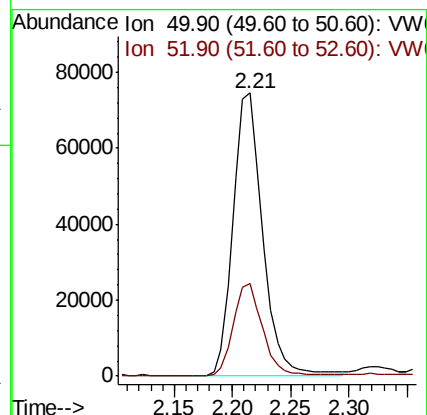
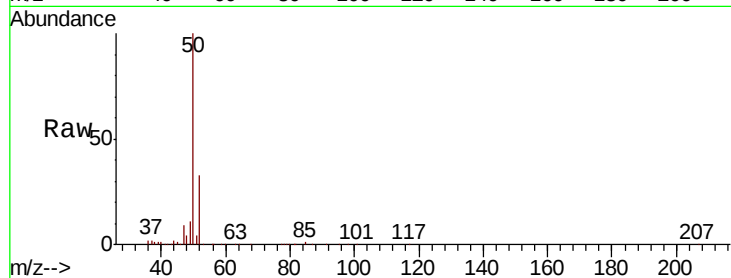
ICVW082319

Tgt Ion: 50 Resp: 132031

Ion Ratio Lower Upper

50 100

52 32.6 25.5 38.3



#4

Vinyl Chloride

Concen: 52.713 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012130.D

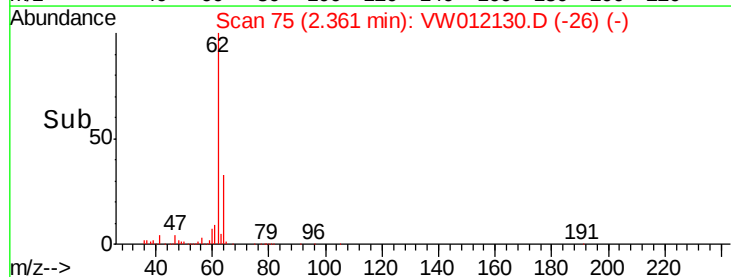
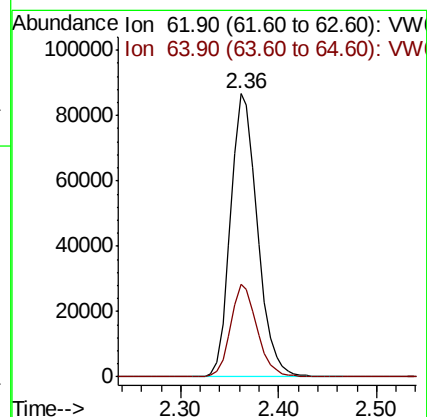
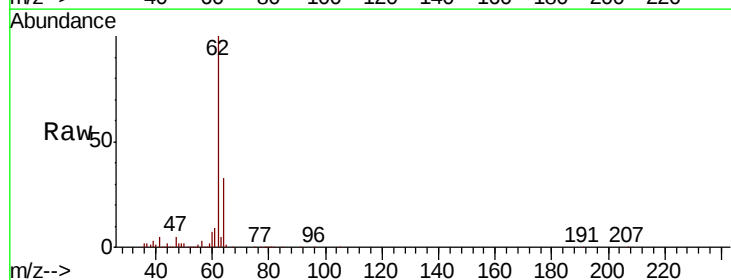
Acq: 23 Aug 2019 13:41

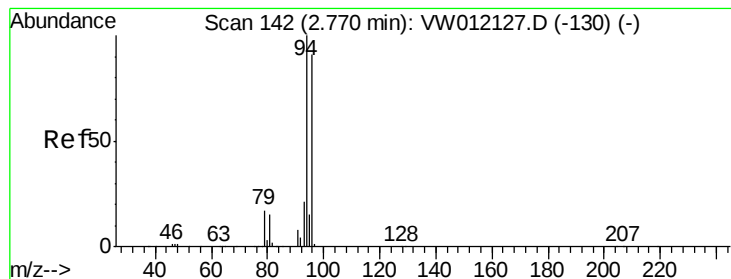
Tgt Ion: 62 Resp: 165941

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 52.943 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

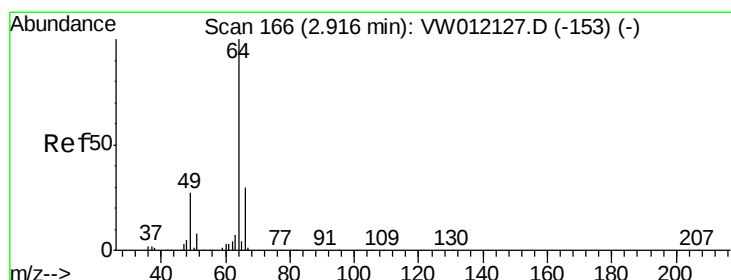
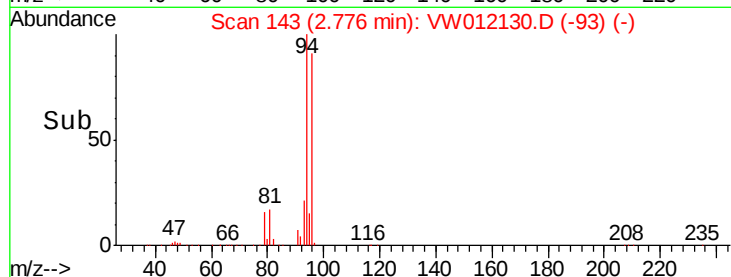
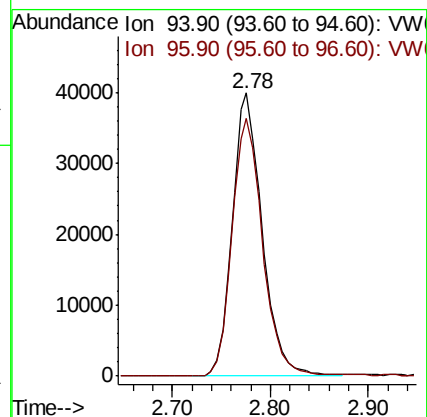
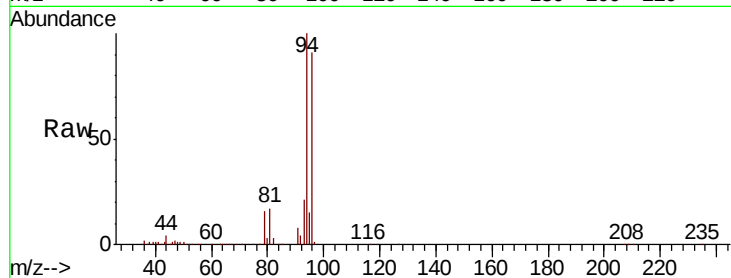
ICVW082319

Tgt Ion: 94 Resp: 84407

Ion Ratio Lower Upper

94 100

96 91.1 72.9 109.3



#6

Chloroethane

Concen: 52.420 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012130.D

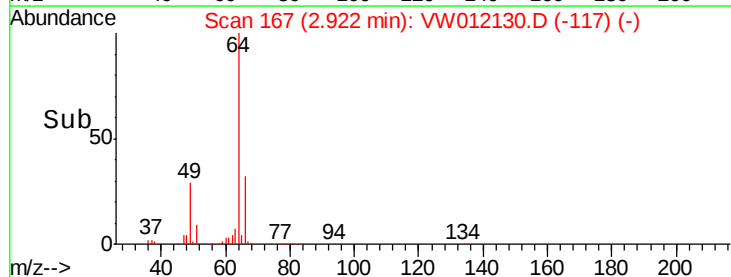
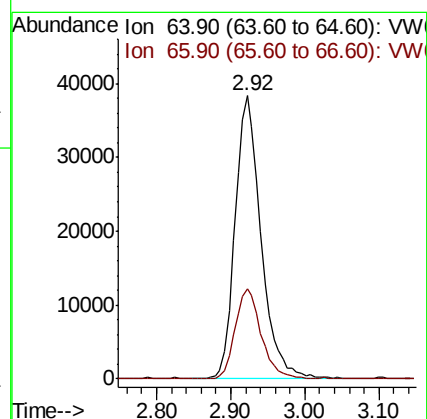
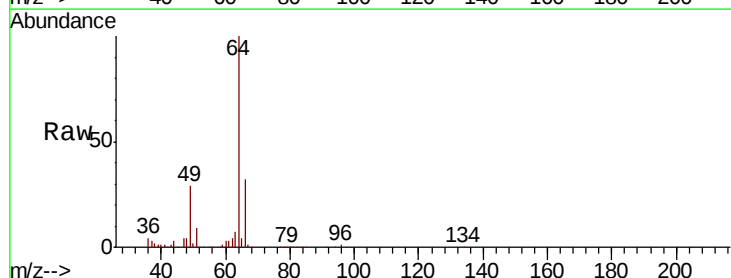
Acq: 23 Aug 2019 13:41

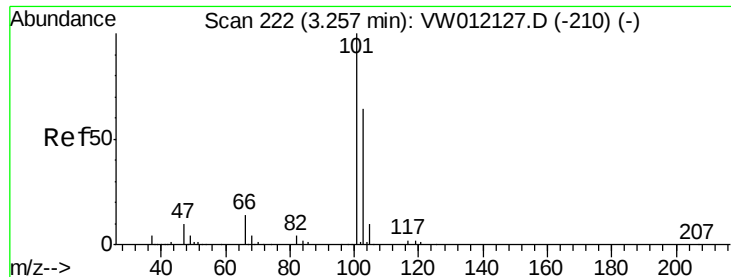
Tgt Ion: 64 Resp: 93091

Ion Ratio Lower Upper

64 100

66 31.9 23.8 35.8



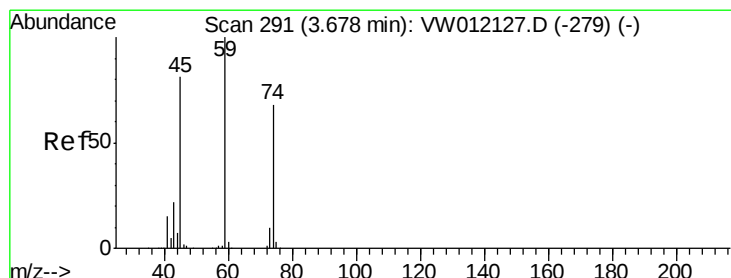
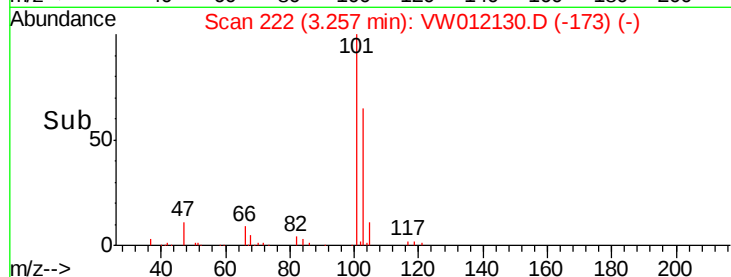
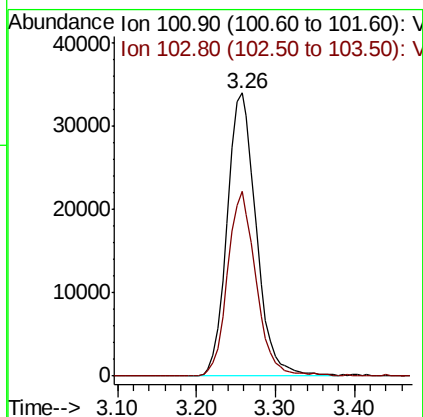
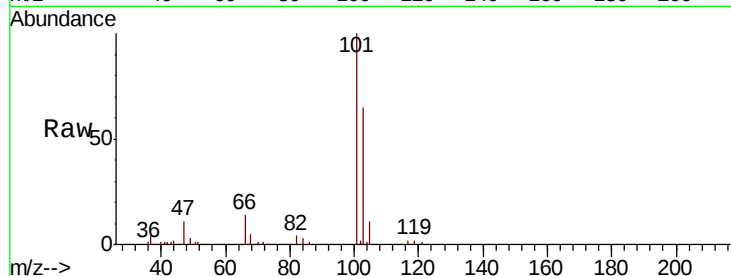


#7

Trichlorofluoromethane
 Concen: 55.198 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW012130.D
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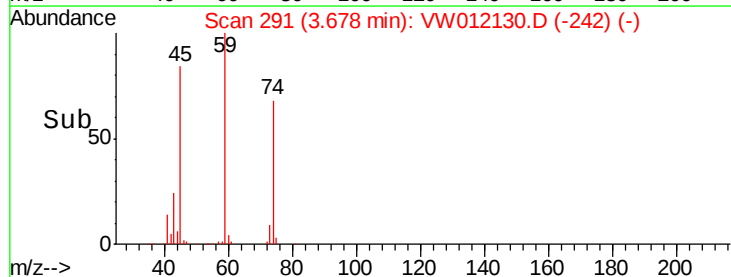
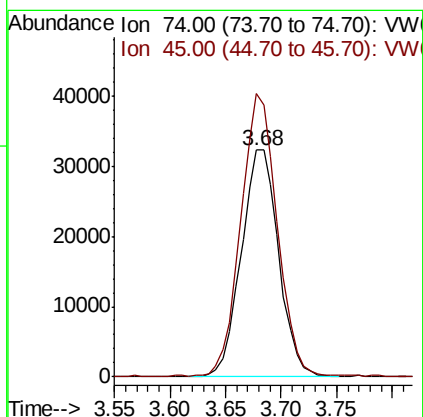
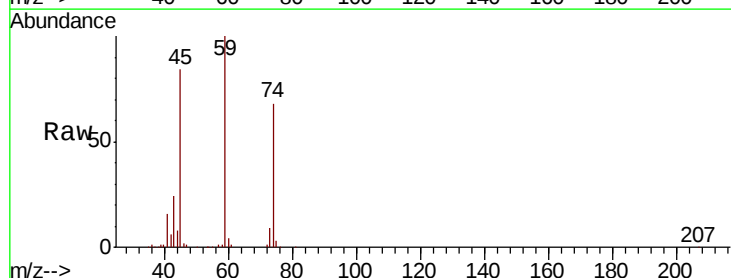
Tgt Ion:101 Resp: 87252
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.2 76.8

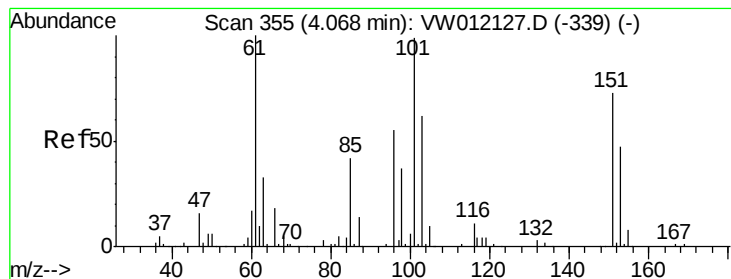


#8

Diethyl Ether
 Concen: 50.233 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion: 74 Resp: 75369
 Ion Ratio Lower Upper
 74 100
 45 120.2 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.303 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

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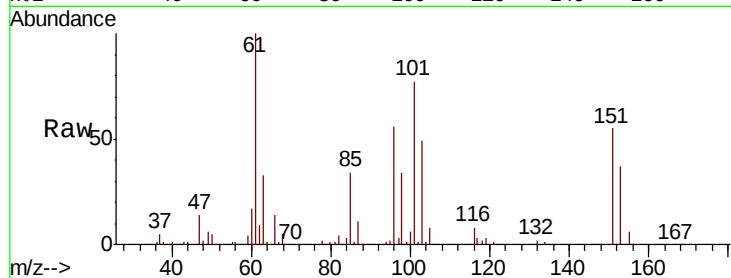
Tgt Ion:101 Resp: 140533

Ion Ratio Lower Upper

101 100

85 45.4 35.8 53.6

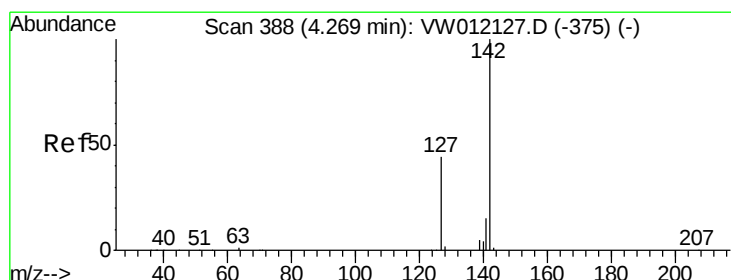
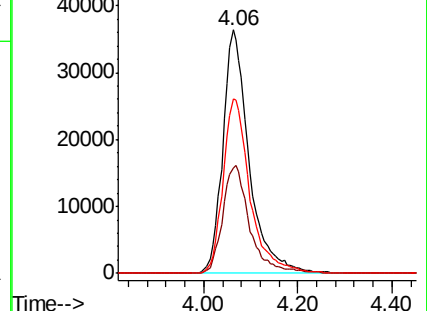
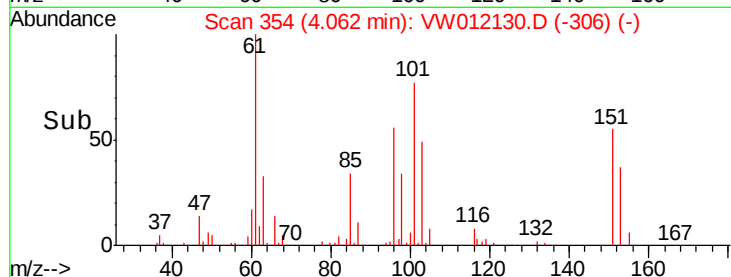
151 73.6 58.6 87.8



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: 52.069 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

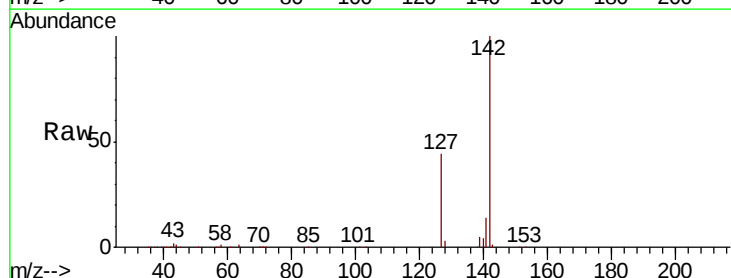
Tgt Ion:142 Resp: 189294

Ion Ratio Lower Upper

142 100

127 44.1 35.5 53.3

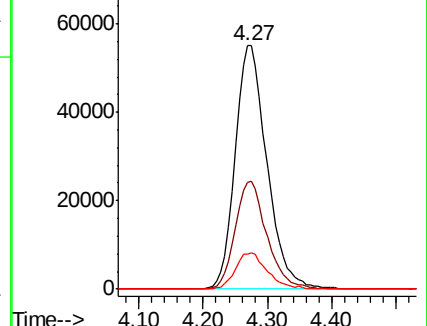
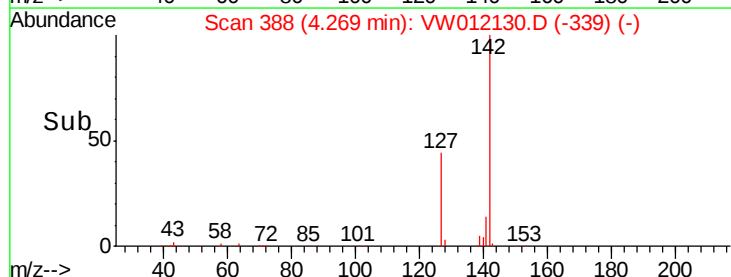
141 14.8 11.8 17.8

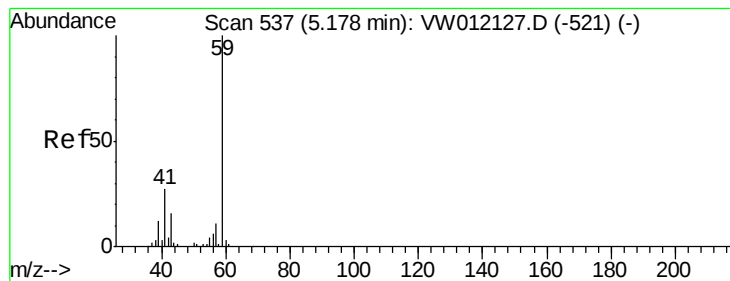


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



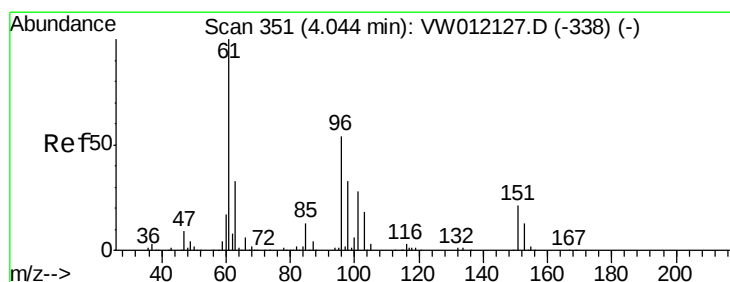
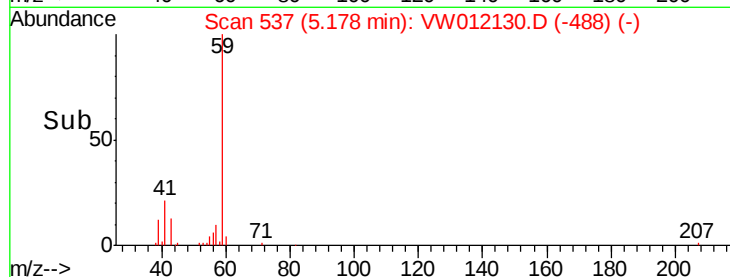
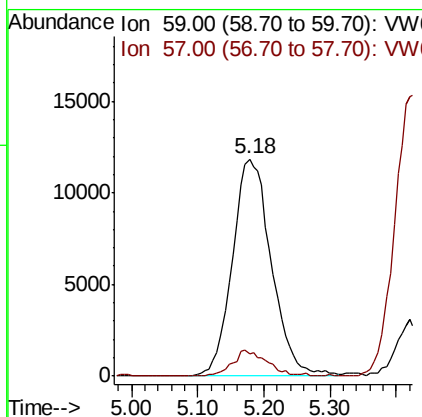
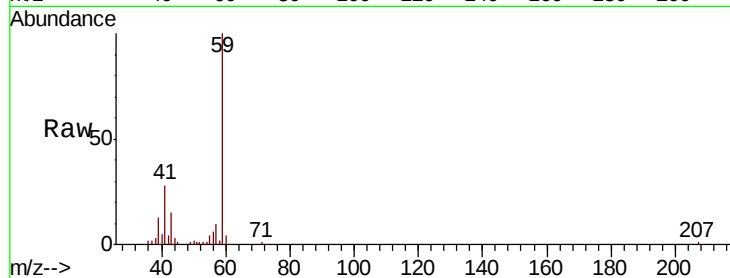


#11

Tert butyl alcohol
Concen: 251.293 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

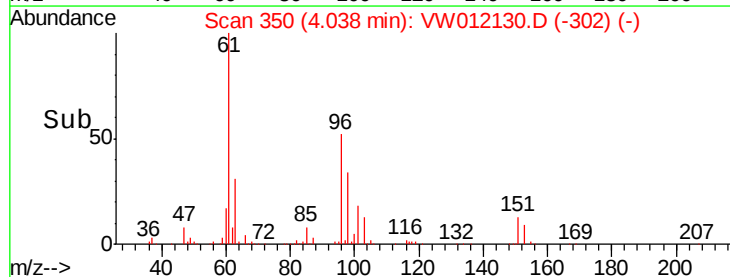
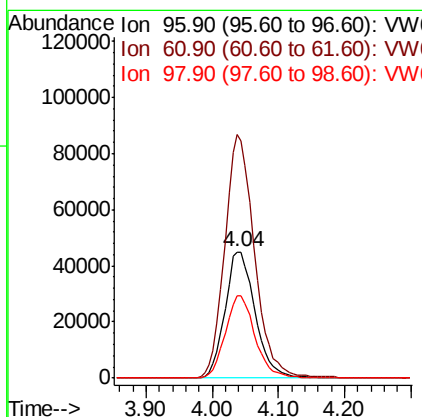
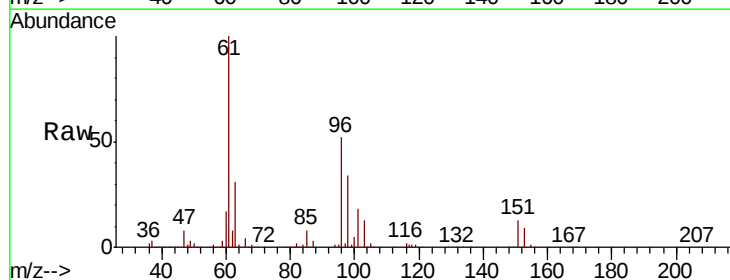
Tgt Ion: 59 Resp: 48469
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

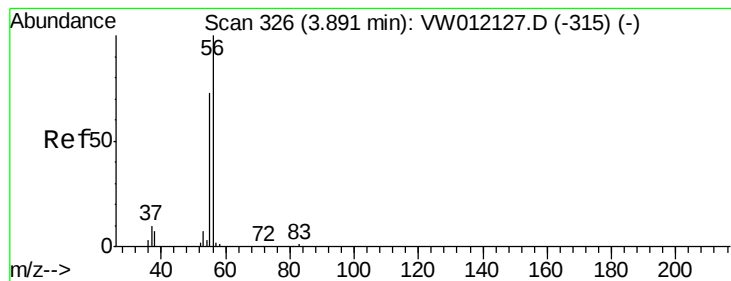


#12

1,1-Dichloroethene
Concen: 52.611 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion: 96 Resp: 142279
Ion Ratio Lower Upper
96 100
61 193.1 149.1 223.7
98 64.9 49.4 74.2





#13

Acrolein

Concen: 228.695 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

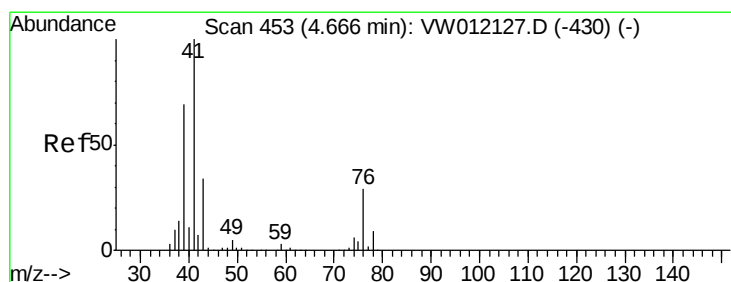
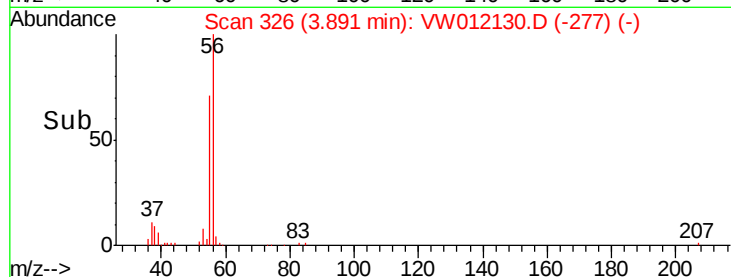
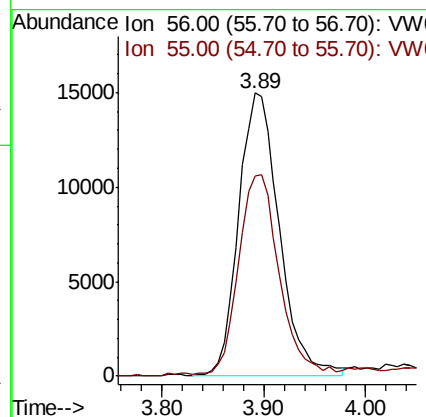
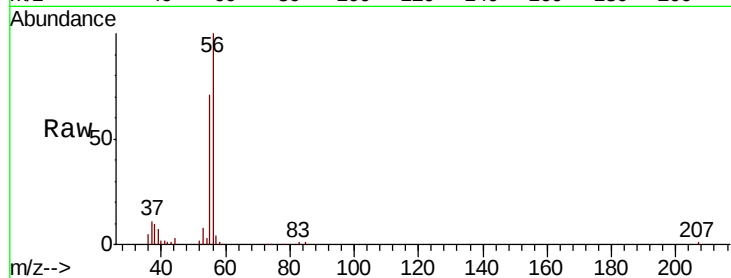
ICVW082319

Tgt Ion: 56 Resp: 41522

Ion Ratio Lower Upper

56 100

55 69.3 55.8 83.8



#14

Allyl chloride

Concen: 53.060 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

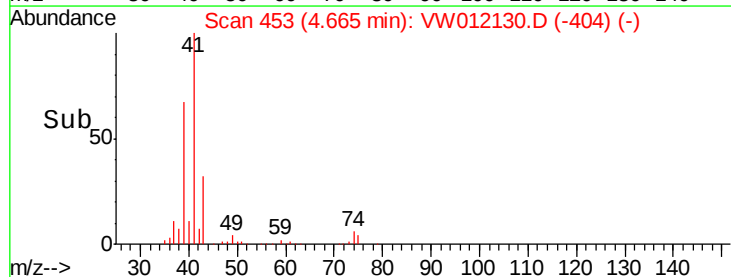
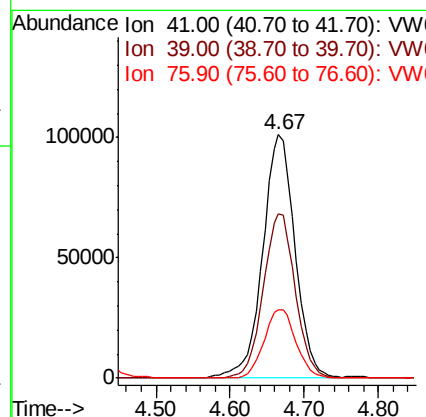
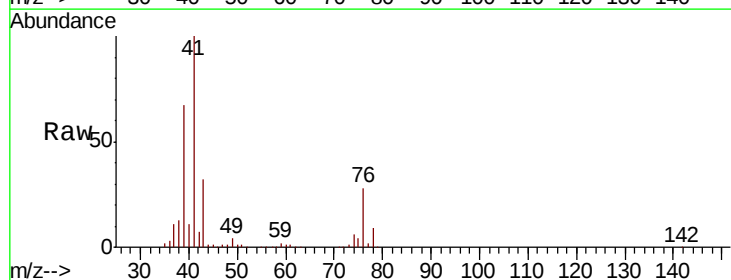
Tgt Ion: 41 Resp: 306769

Ion Ratio Lower Upper

41 100

39 66.7 53.4 80.2

76 27.9 22.1 33.1





#15

Acrylonitrile

Concen: 250.503 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

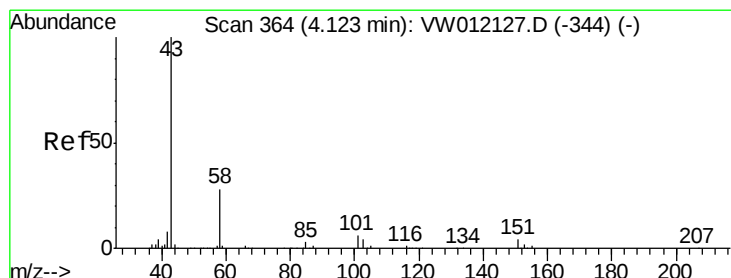
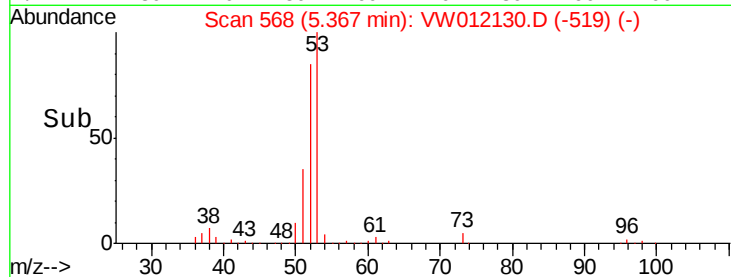
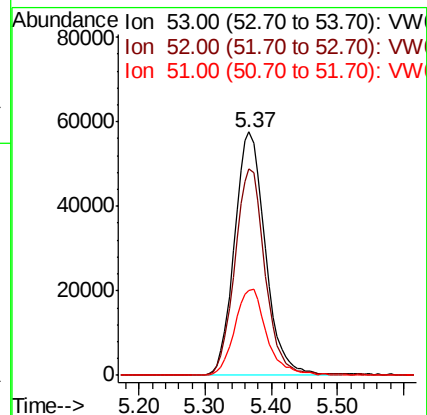
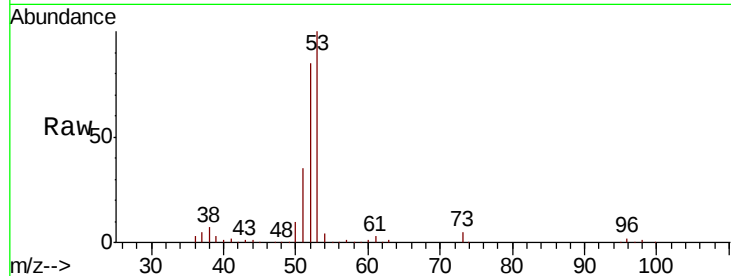
Tgt Ion: 53 Resp: 186296

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

51 36.5 30.1 45.1



#16

Acetone

Concen: 279.390 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012130.D

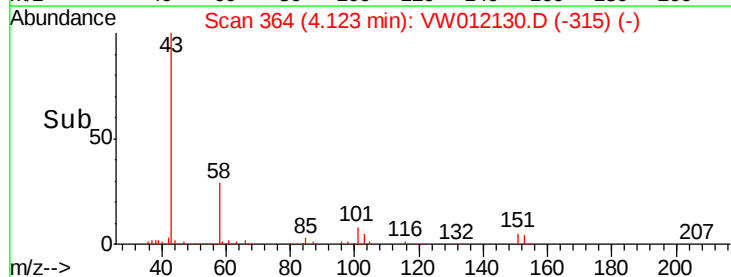
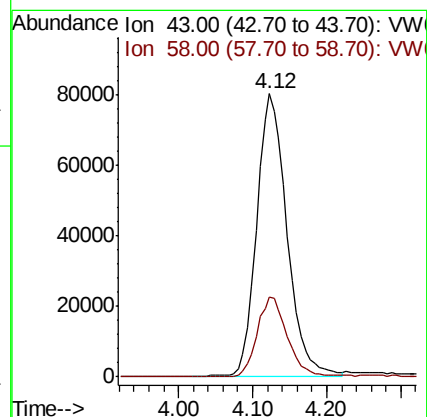
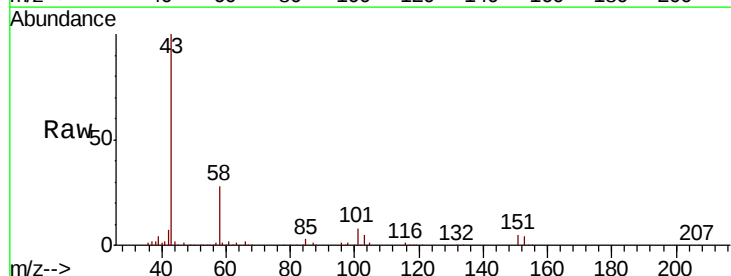
Acq: 23 Aug 2019 13:41

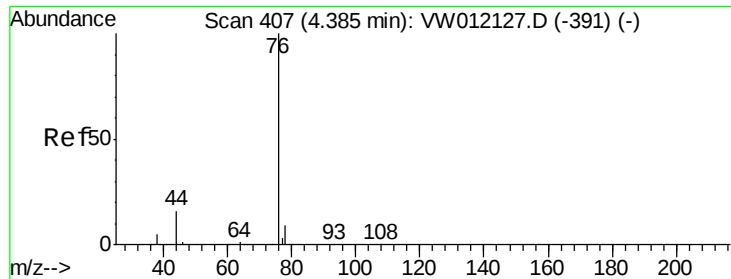
Tgt Ion: 43 Resp: 228898

Ion Ratio Lower Upper

43 100

58 28.3 22.4 33.6

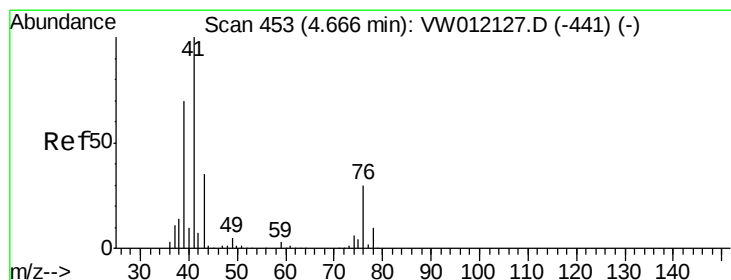
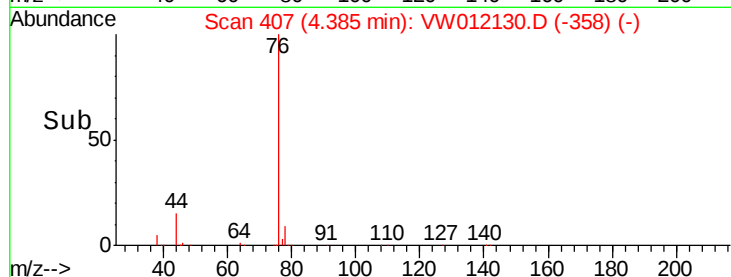
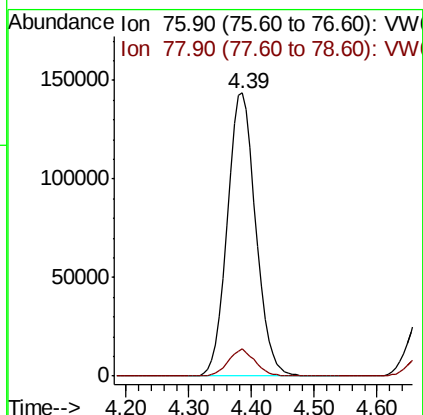
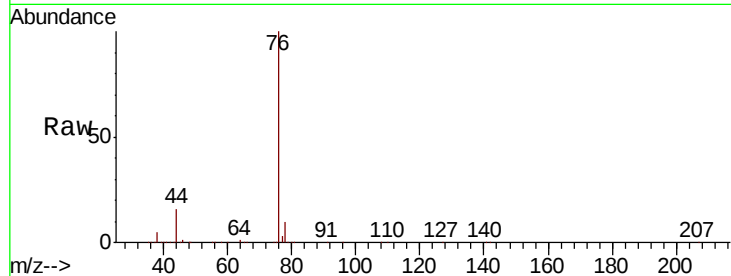




#17
Carbon Disulfide
Concen: 55.093 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

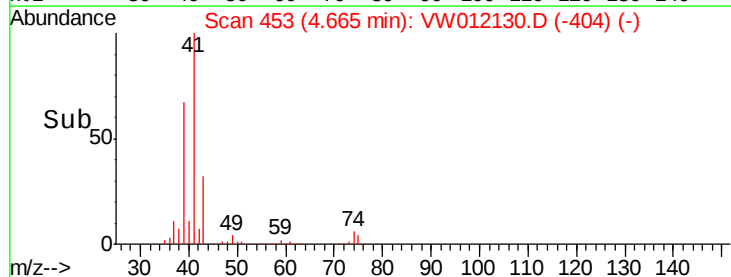
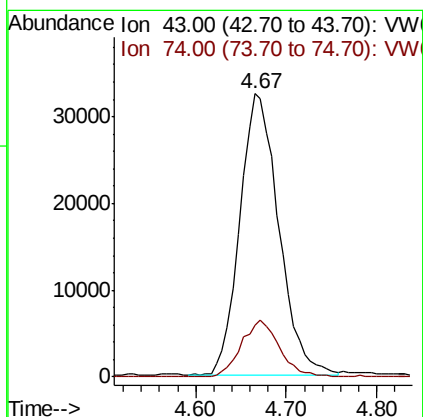
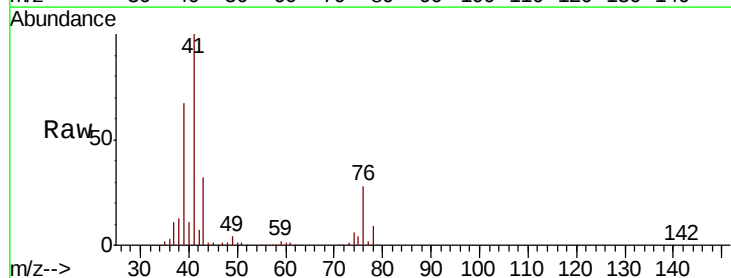
Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tgt Ion: 76 Resp: 450277
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 47.772 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion: 43 Resp: 96940
Ion Ratio Lower Upper
43 100
74 19.7 15.7 23.5

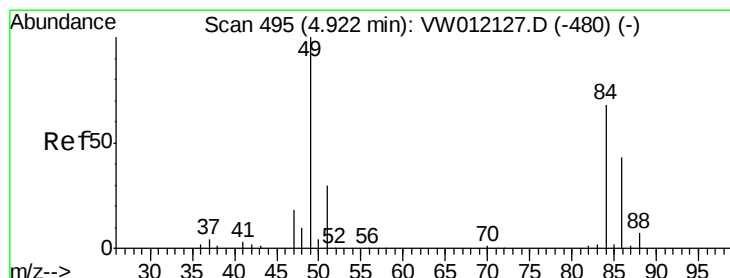
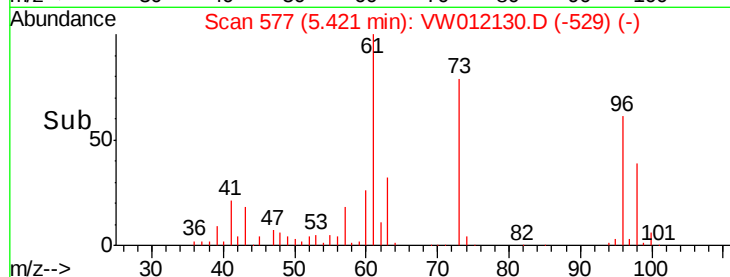
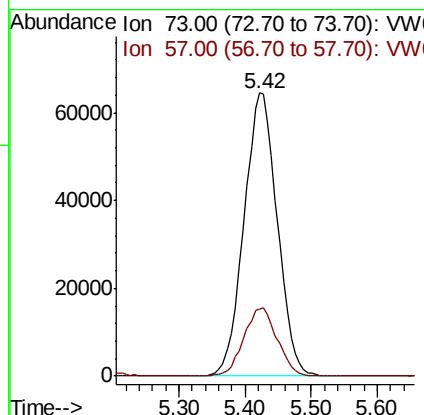
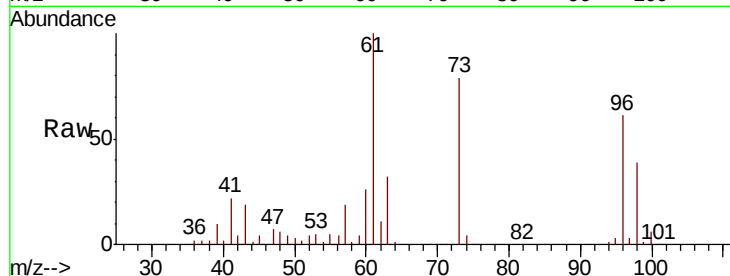




#19
Methyl tert-butyl Ether
Concen: 51.503 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

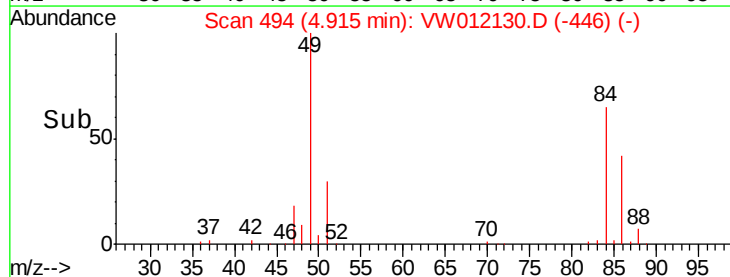
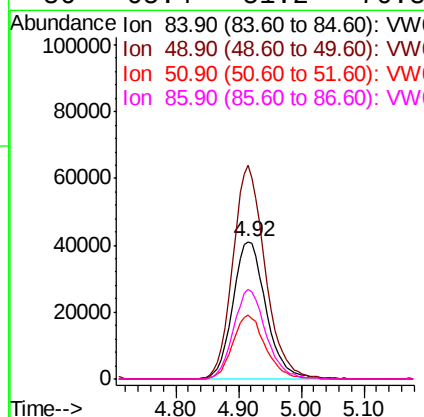
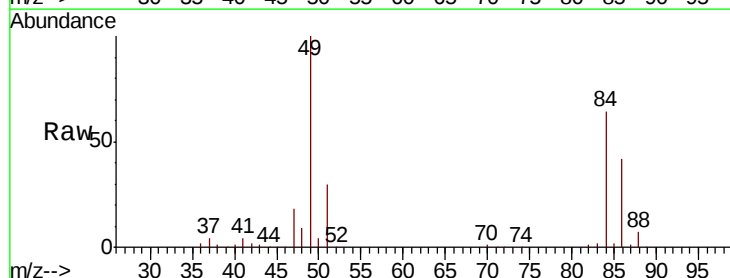
Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

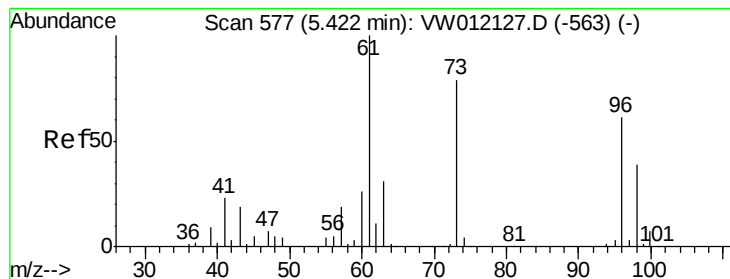
Tgt Ion: 73 Resp: 225241
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3



#20
Methylene Chloride
Concen: 48.576 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion: 84 Resp: 150451
Ion Ratio Lower Upper
84 100
49 155.7 117.8 176.8
51 46.5 35.6 53.4
86 65.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.839 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

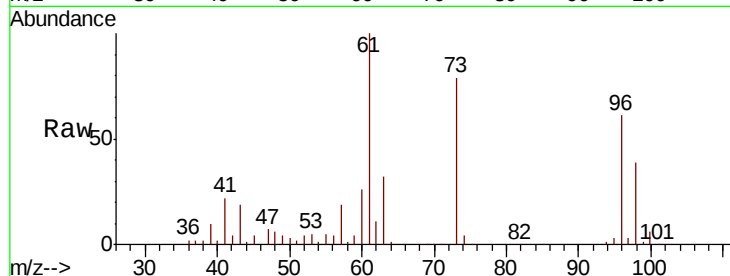
Tgt Ion: 96 Resp: 150334

Ion Ratio Lower Upper

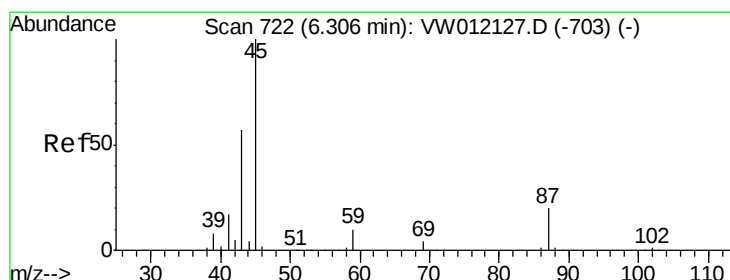
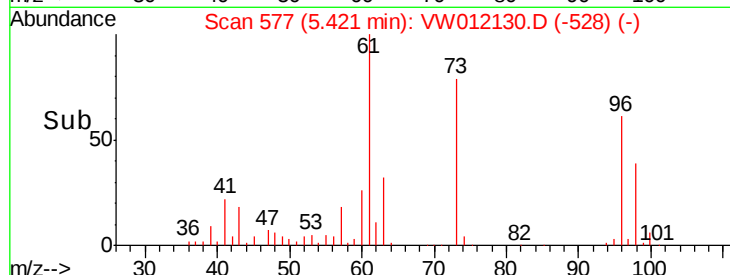
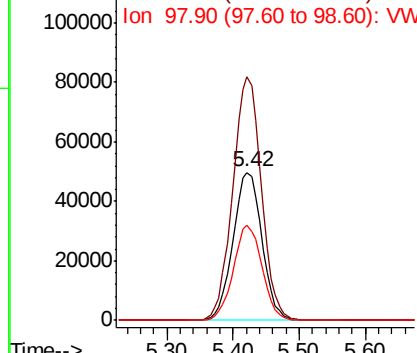
96 100

61 164.8 131.4 197.0

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: 50.717 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion: 45 Resp: 543517

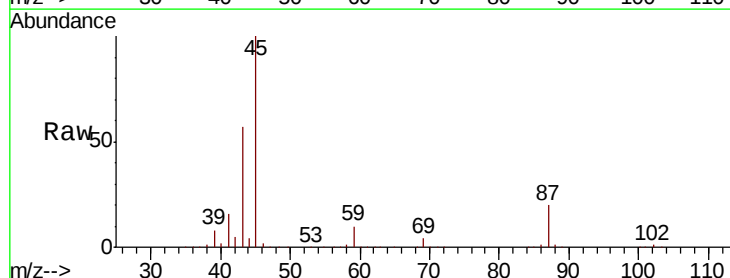
Ion Ratio Lower Upper

45 100

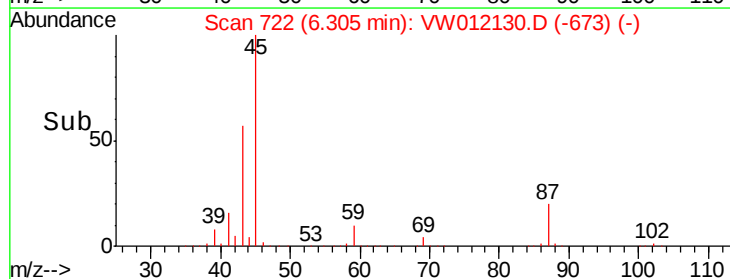
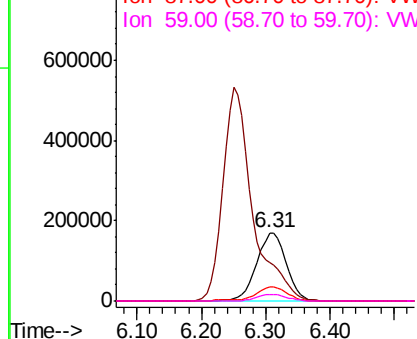
43 56.7 45.5 68.3

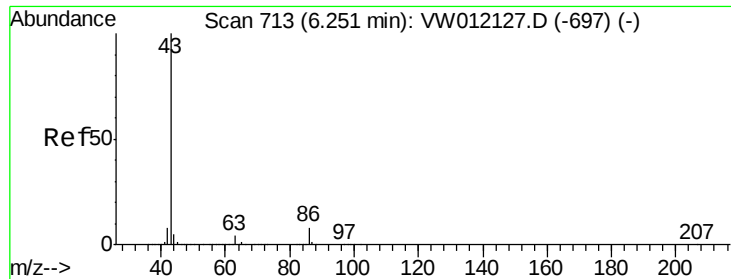
87 20.4 16.1 24.1

59 9.5 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: 261.754 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

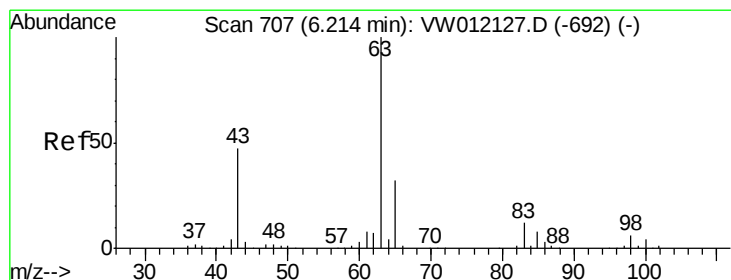
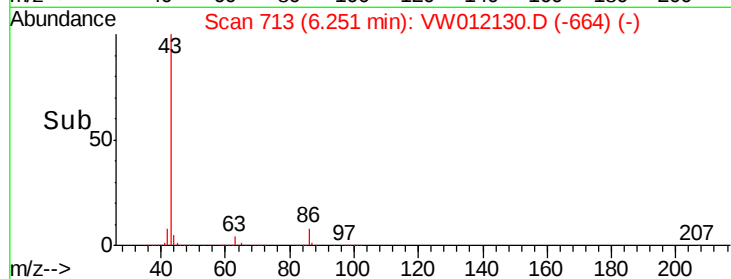
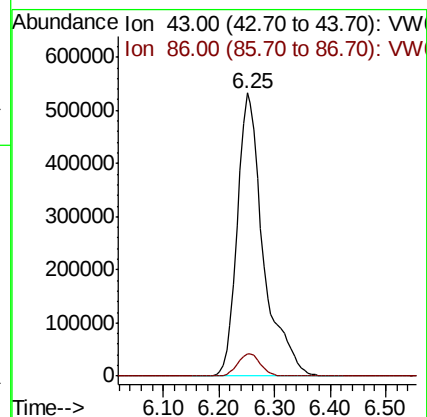
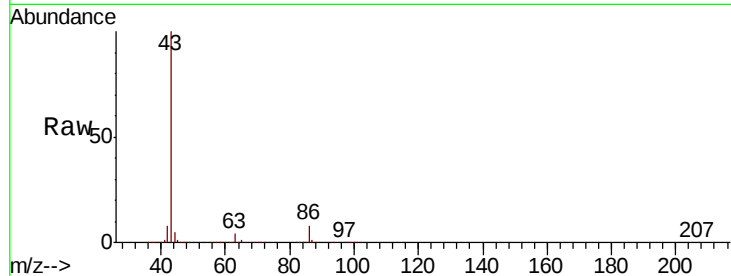
ICVW082319

Tgt Ion: 43 Resp: 1726304

Ion Ratio Lower Upper

43 100

86 7.9 6.5 9.7



#24

1,1-Dichloroethane

Concen: 50.280 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

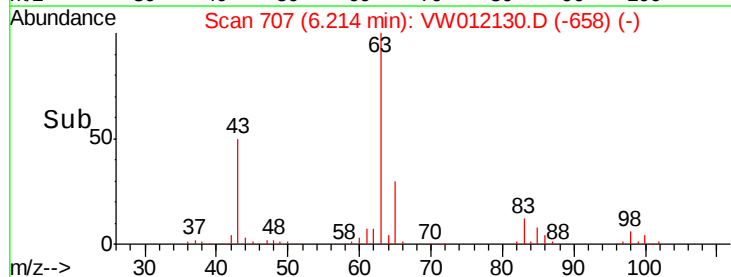
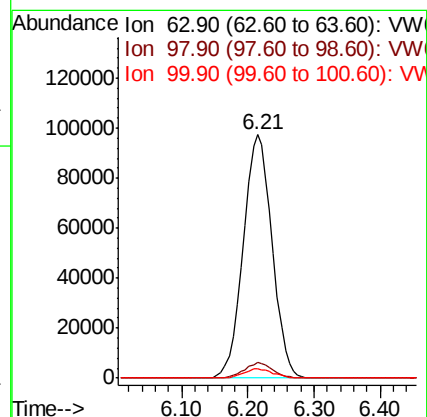
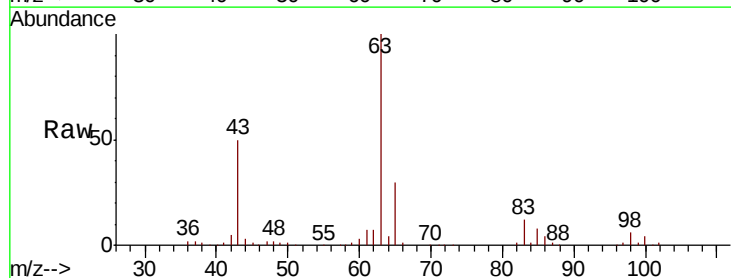
Tgt Ion: 63 Resp: 293381

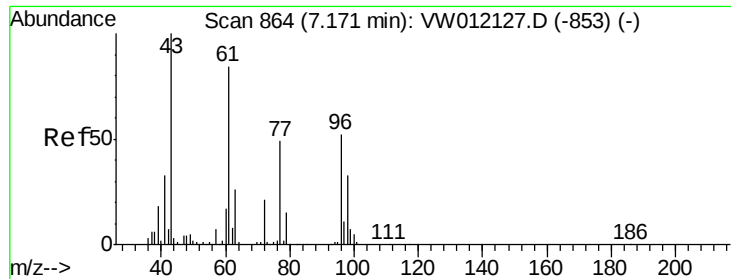
Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 258.957 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

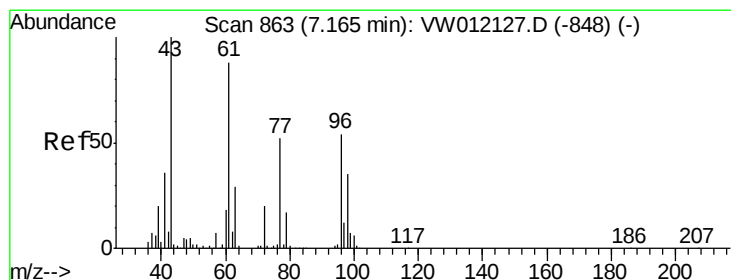
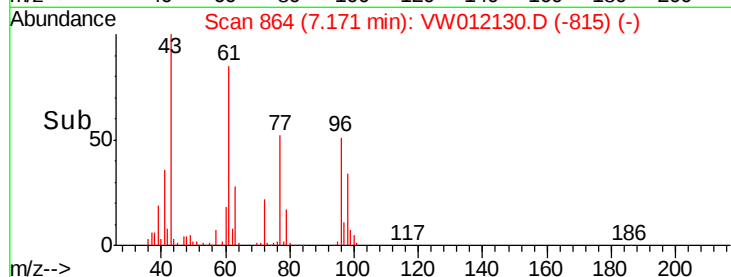
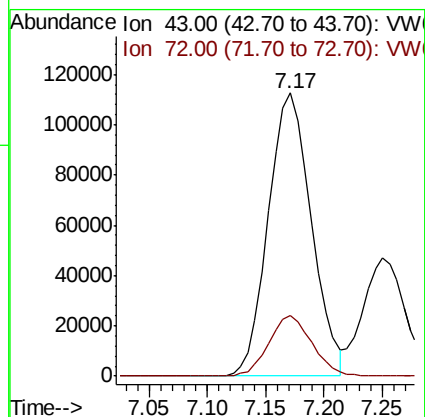
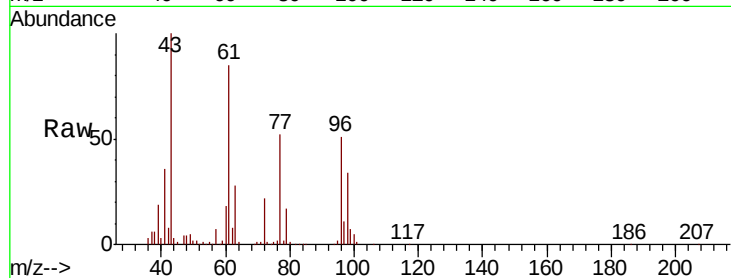
ICVW082319

Tgt Ion: 43 Resp: 288298

Ion Ratio Lower Upper

43 100

72 21.6 16.6 24.8



#26

2,2-Dichloropropane

Concen: 52.813 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012130.D

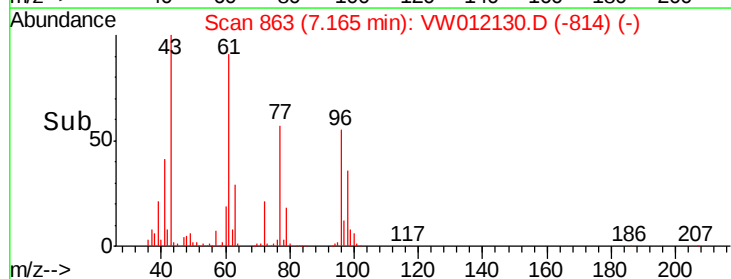
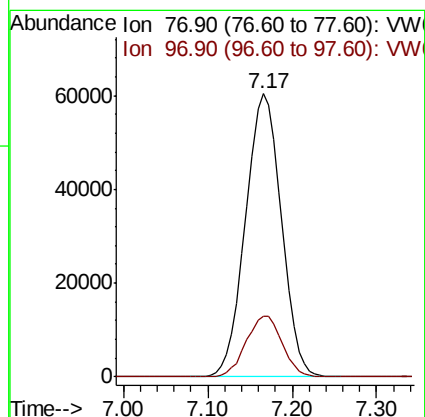
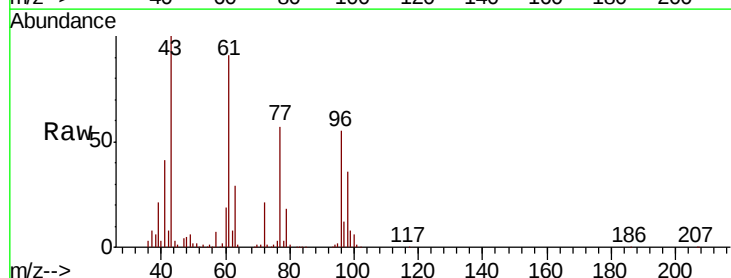
Acq: 23 Aug 2019 13:41

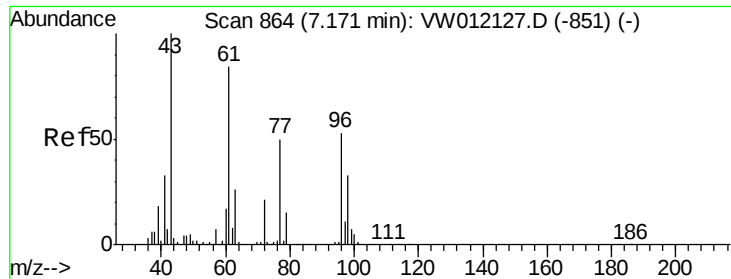
Tgt Ion: 77 Resp: 174425

Ion Ratio Lower Upper

77 100

97 21.6 11.1 33.1



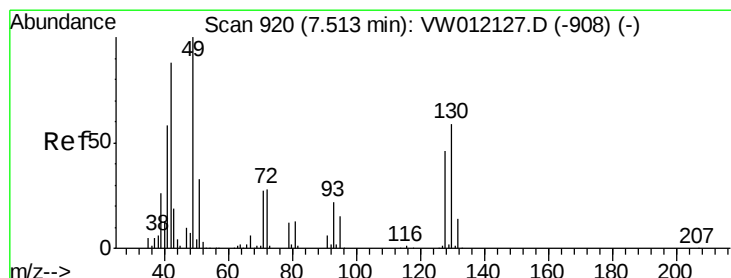
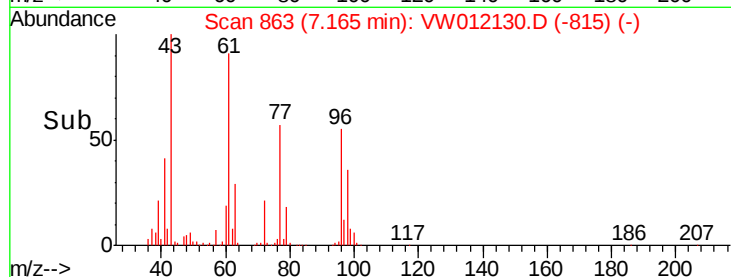
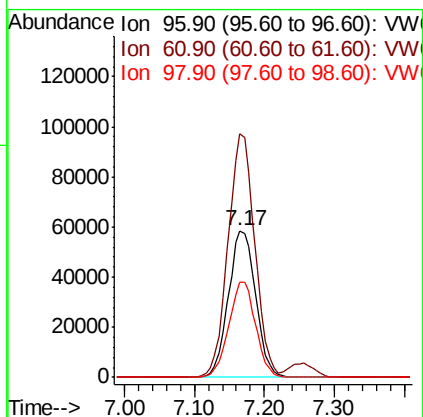
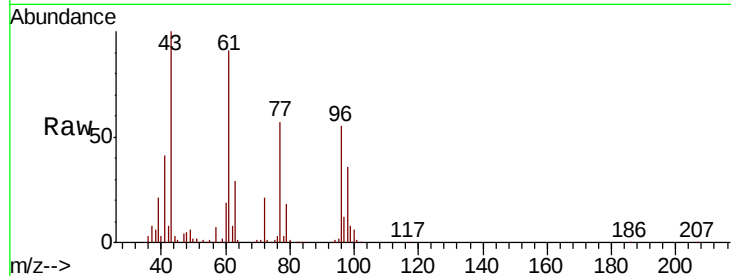


#27

cis-1,2-Dichloroethene
 Concen: 51.066 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

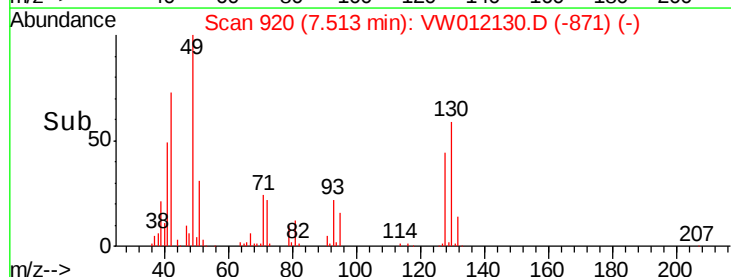
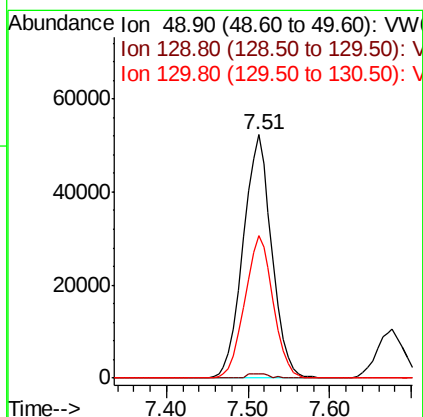
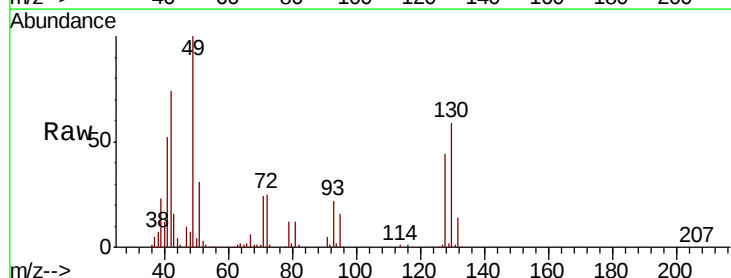
Tgt Ion: 96 Resp: 158224
 Ion Ratio Lower Upper
 96 100
 61 162.8 0.0 326.6
 98 63.9 0.0 127.4

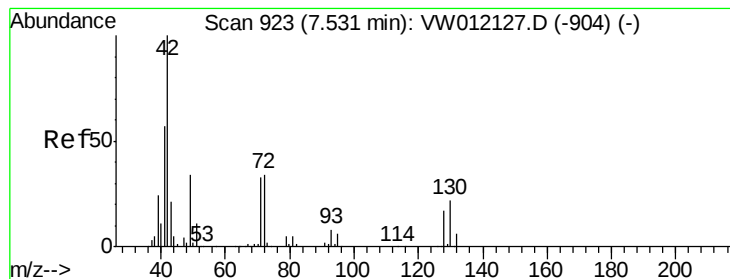


#28

Bromochloromethane
 Concen: 50.085 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion: 49 Resp: 127374
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 1.4
 130 58.0 45.5 68.3





#29

Tetrahydrofuran

Concen: 257.799 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

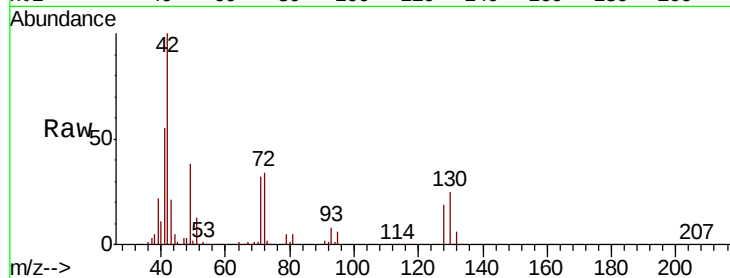
Tgt Ion: 42 Resp: 172193

Ion Ratio Lower Upper

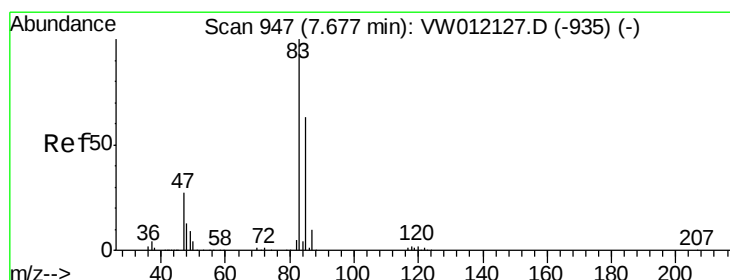
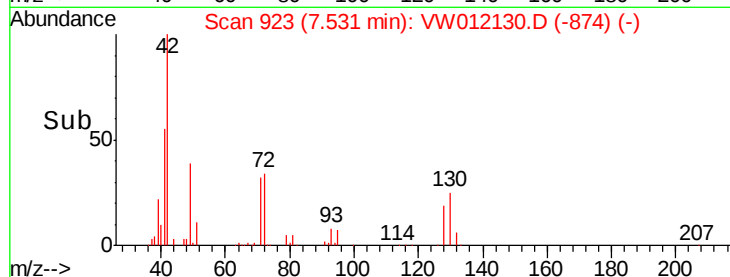
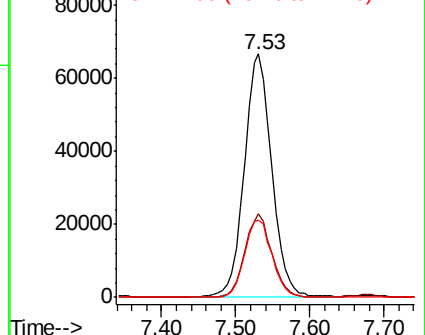
42 100

72 33.6 27.3 40.9

71 32.1 25.5 38.3



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



#30

Chloroform

Concen: 49.585 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW012130.D

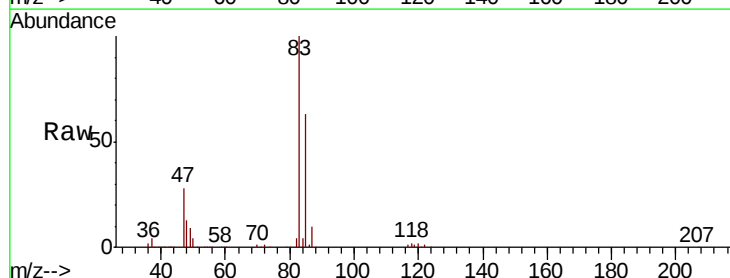
Acq: 23 Aug 2019 13:41

Tgt Ion: 83 Resp: 264706

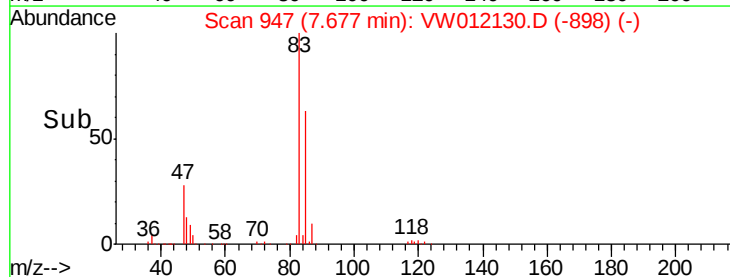
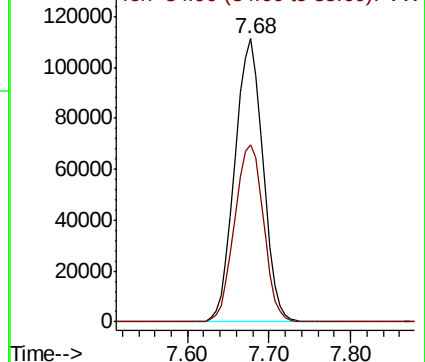
Ion Ratio Lower Upper

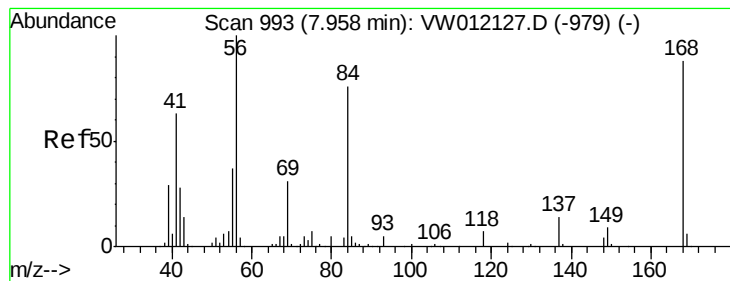
83 100

85 62.7 50.6 76.0



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





#31

Cyclohexane

Concen: 49.826 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

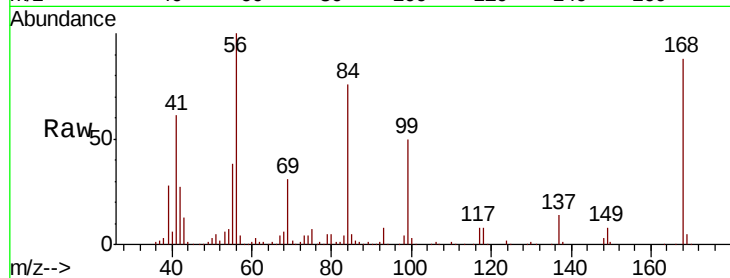
Tgt Ion: 56 Resp: 287642

Ion Ratio Lower Upper

56 100

69 31.0 24.9 37.3

84 74.5 60.6 90.8

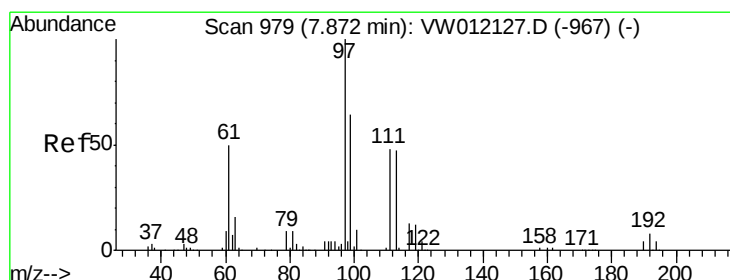
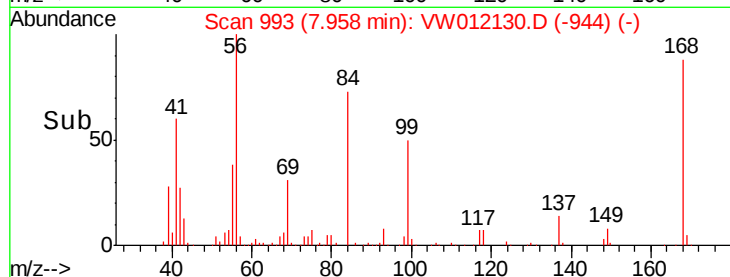
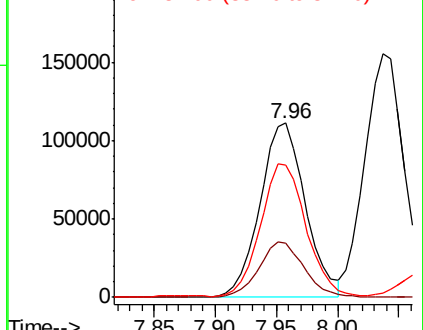


Abundance

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: 51.838 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

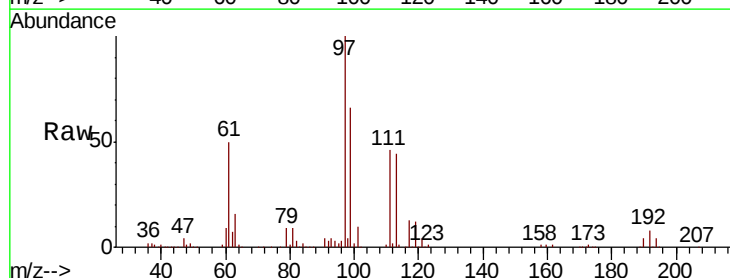
Tgt Ion: 97 Resp: 218918

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 49.7 39.5 59.3

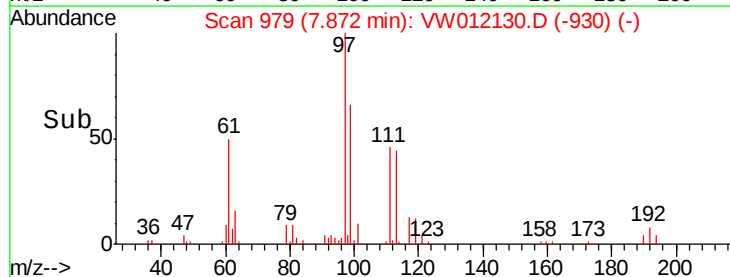
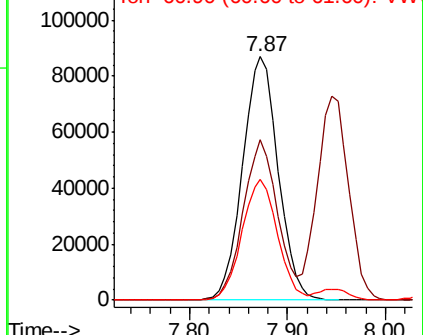


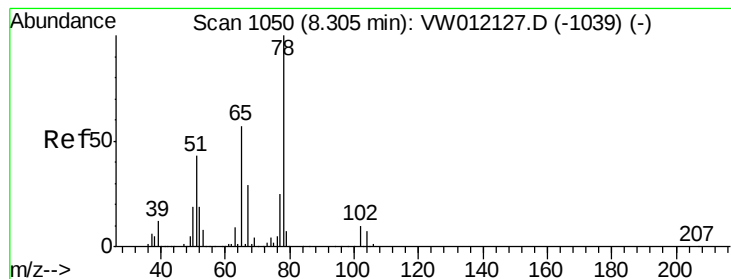
Abundance

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: 46.423 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

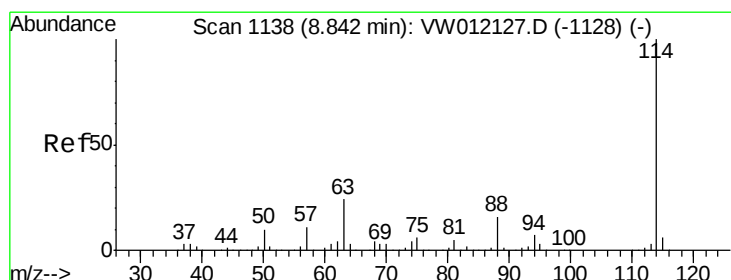
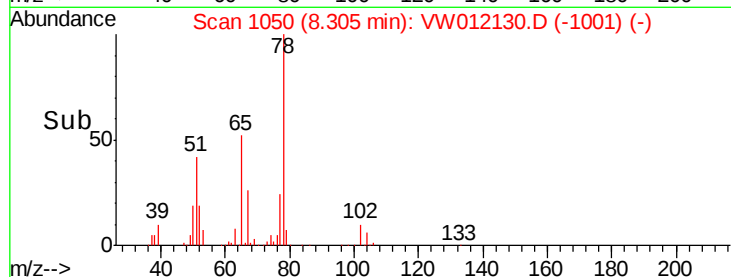
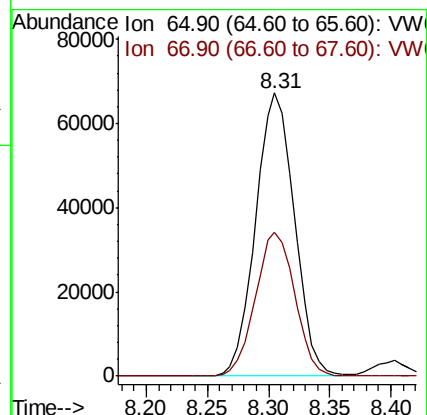
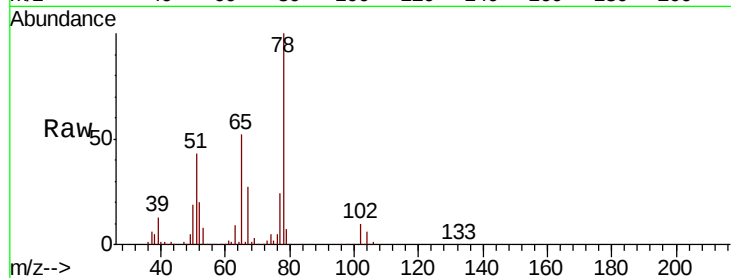
ICVW082319

Tgt Ion: 65 Resp: 148787

Ion Ratio Lower Upper

65 100

67 51.4 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: VW012130.D

Acq: 23 Aug 2019 13:41

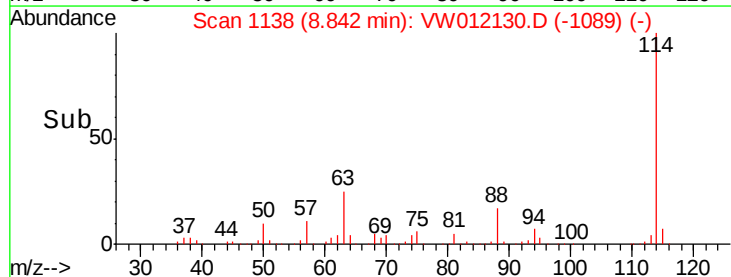
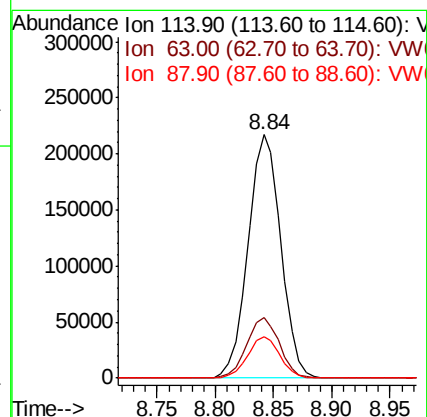
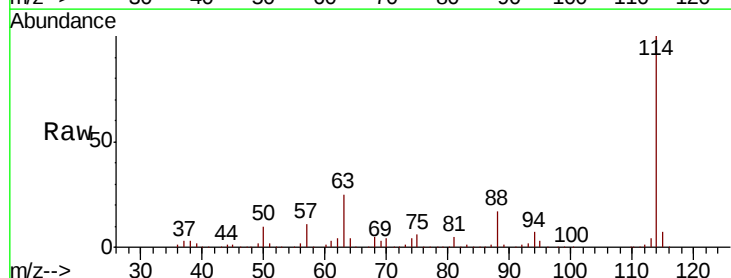
Tgt Ion: 114 Resp: 426828

Ion Ratio Lower Upper

114 100

63 24.8 0.0 48.6

88 17.2 0.0 32.2

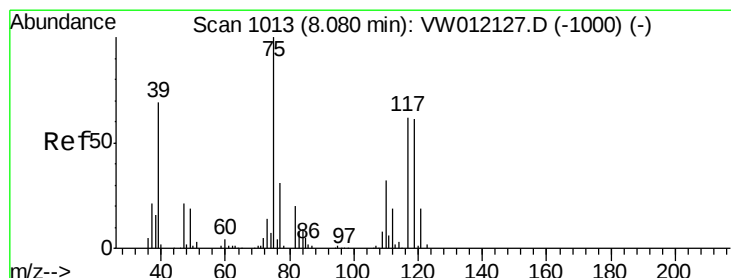
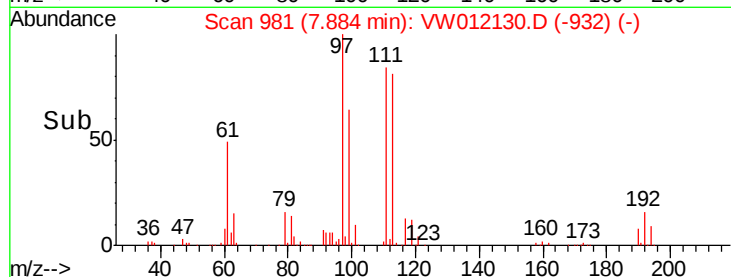
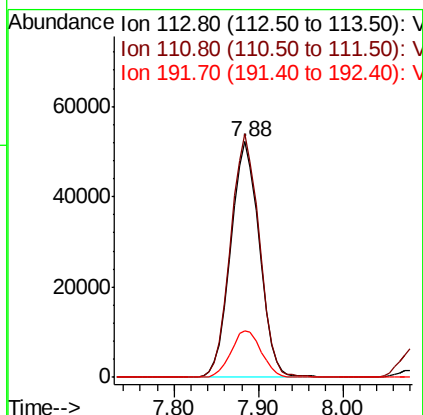
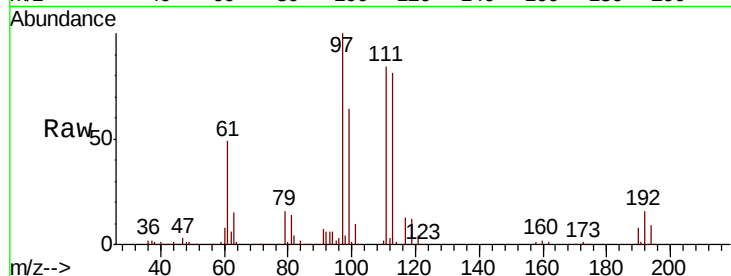




#35
 Dibromofluoromethane
 Concen: 47.234 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

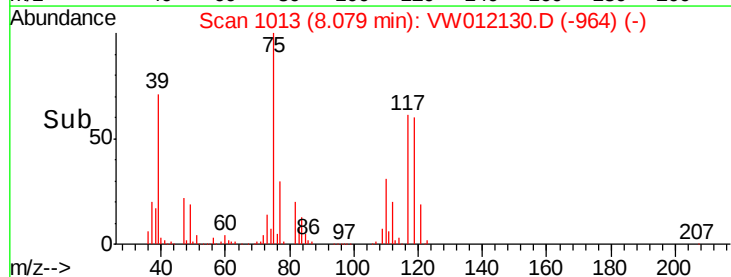
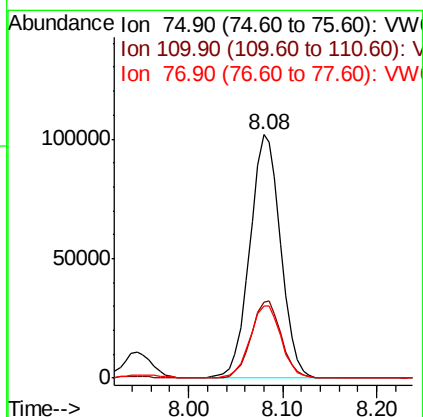
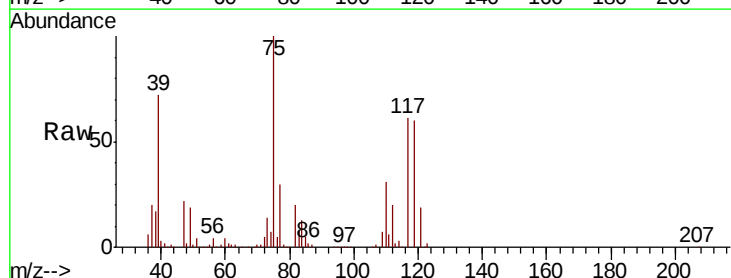
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

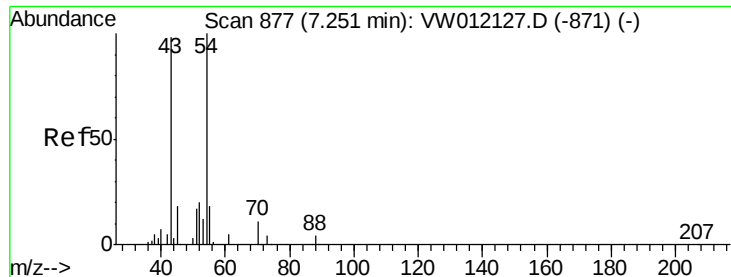
Tgt Ion: 113 Resp: 120340
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 20.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 52.908 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion: 75 Resp: 233366
 Ion Ratio Lower Upper
 75 100
 110 31.0 15.6 46.8
 77 30.4 24.6 36.8





#37

Ethyl Acetate

Concen: 50.569 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

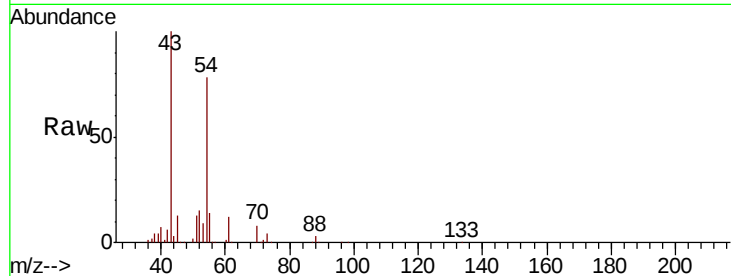
Tgt Ion: 43 Resp: 122228

Ion Ratio Lower Upper

43 100

61 12.1 9.2 13.8

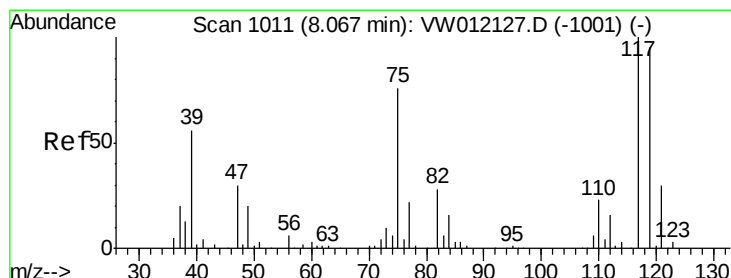
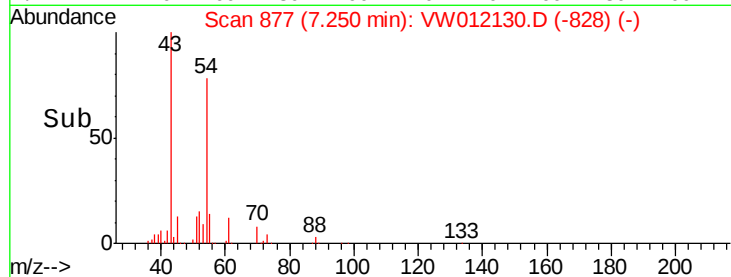
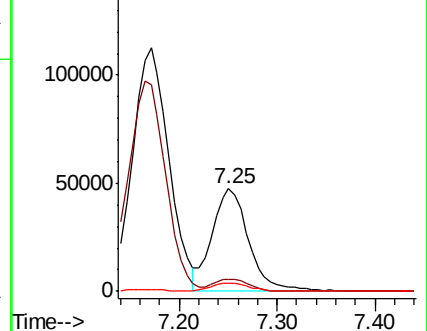
70 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 52.505 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

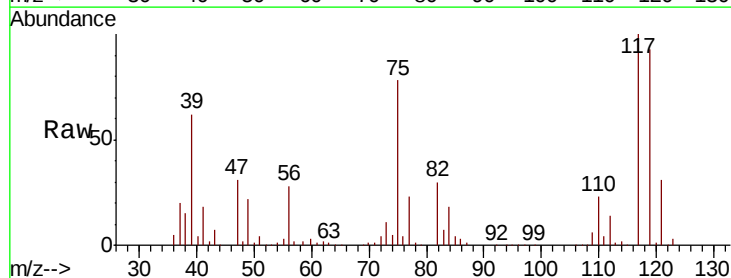
Tgt Ion: 117 Resp: 200446

Ion Ratio Lower Upper

117 100

119 93.1 76.2 114.2

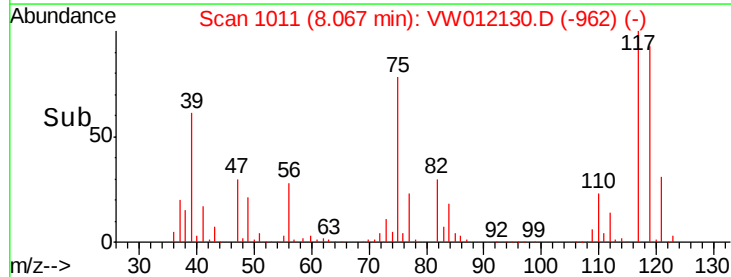
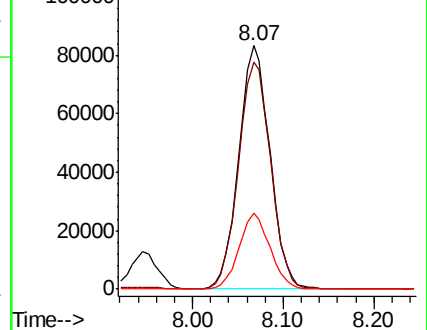
121 31.1 23.8 35.8

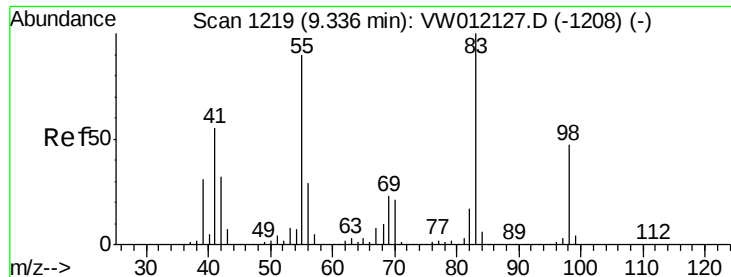


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

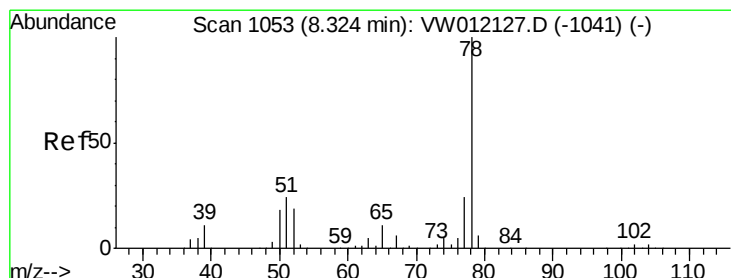
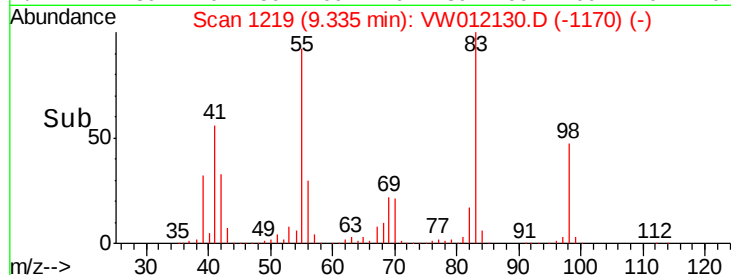
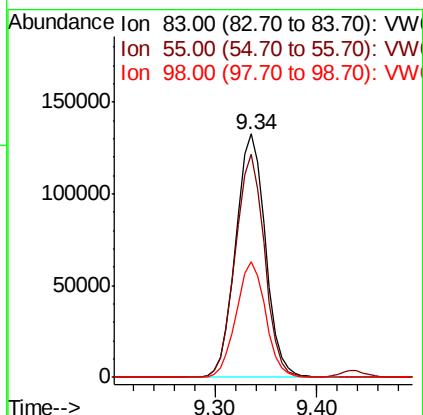
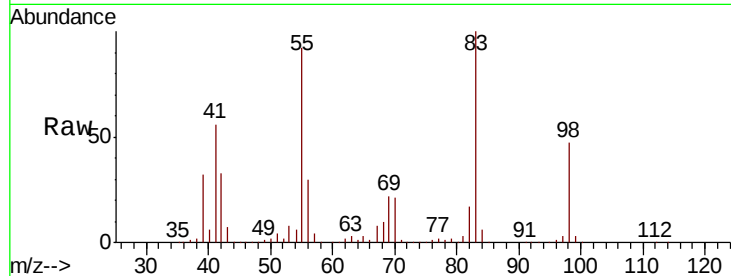




#39
Methylcyclohexane
Concen: 54.062 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

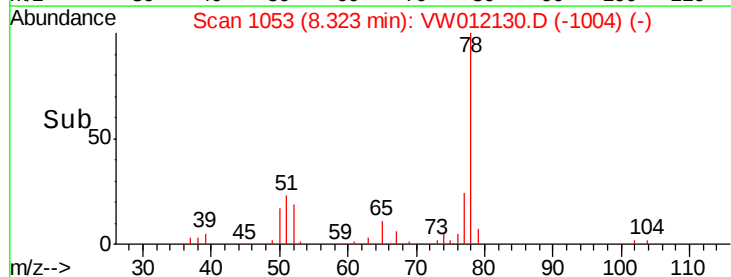
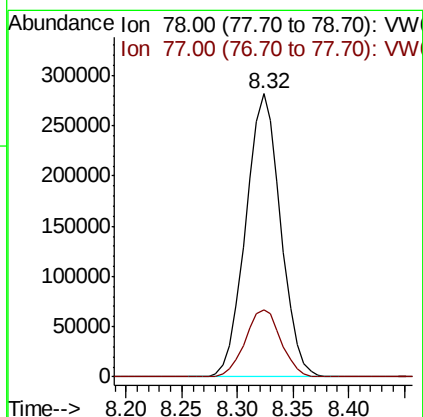
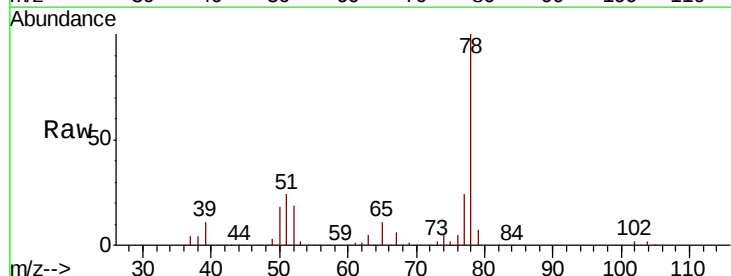
Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

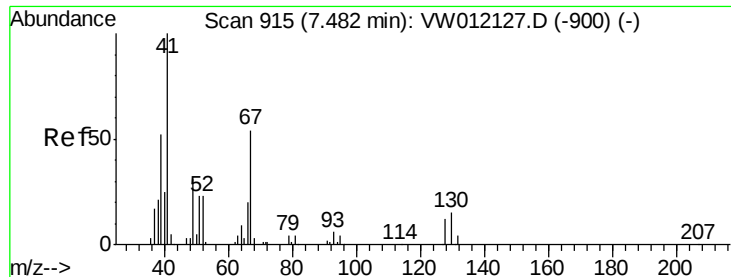
Tgt Ion: 83 Resp: 267885
Ion Ratio Lower Upper
83 100
55 91.7 71.8 107.8
98 47.3 37.8 56.8



#40
Benzene
Concen: 50.947 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion: 78 Resp: 613608
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3





#41

Methacrylonitrile

Concen: 56.332 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

Tgt Ion: 41 Resp: 80024

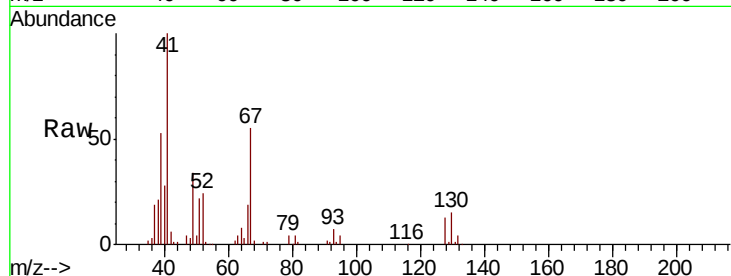
Ion Ratio Lower Upper

41 100

39 52.2 45.8 68.8

67 51.3 46.2 69.4

52 23.7 21.0 31.6

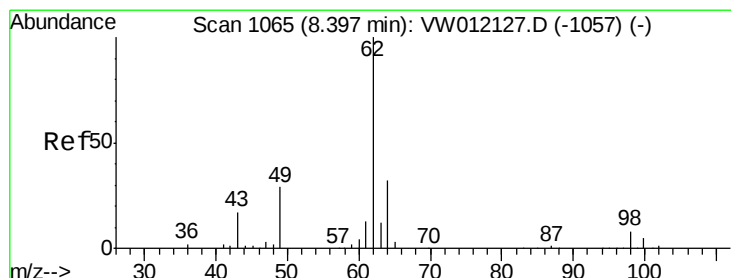
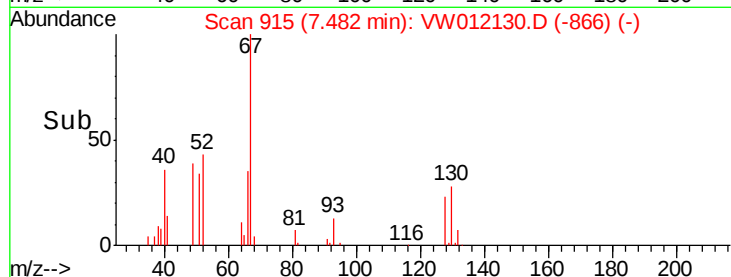
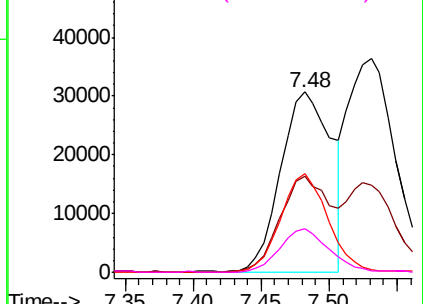


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 49.904 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012130.D

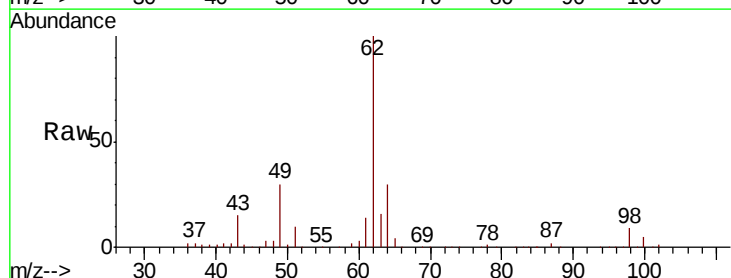
Acq: 23 Aug 2019 13:41

Tgt Ion: 62 Resp: 188372

Ion Ratio Lower Upper

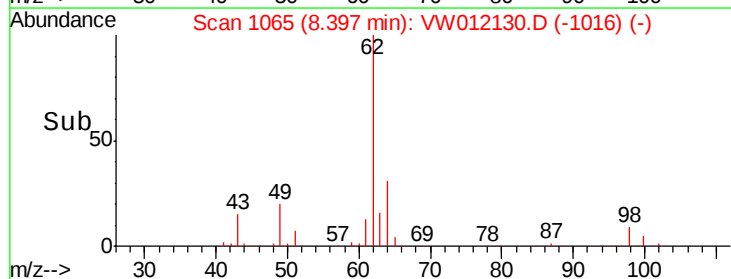
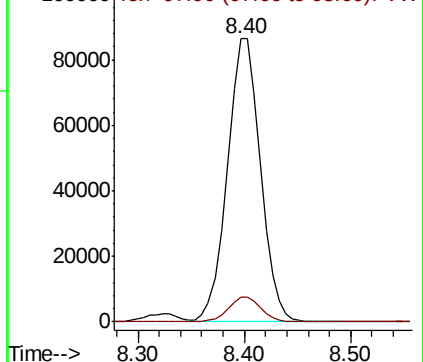
62 100

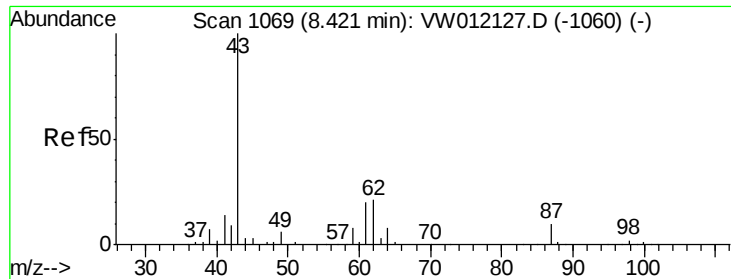
98 8.6 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.197 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

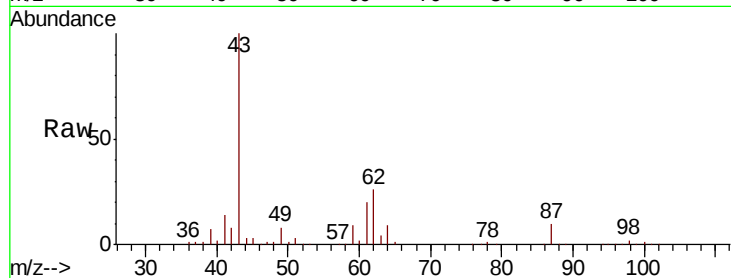
Tgt Ion: 43 Resp: 229213

Ion Ratio Lower Upper

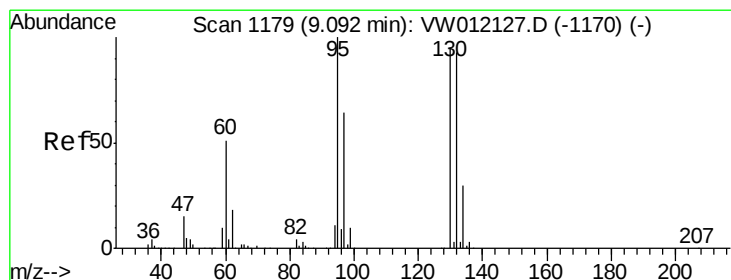
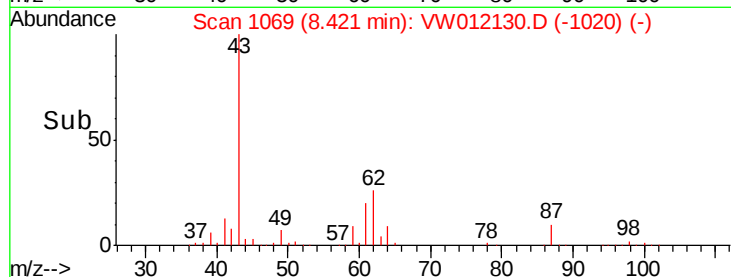
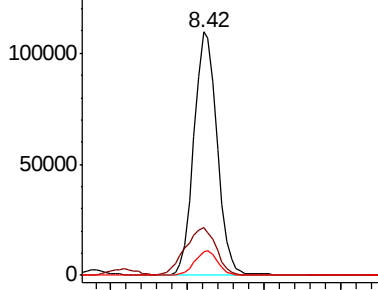
43 100

61 26.0 21.1 31.7

87 10.0 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: 51.283 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012130.D

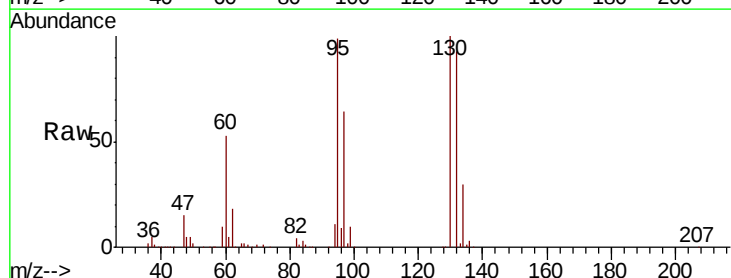
Acq: 23 Aug 2019 13:41

Tgt Ion: 130 Resp: 150148

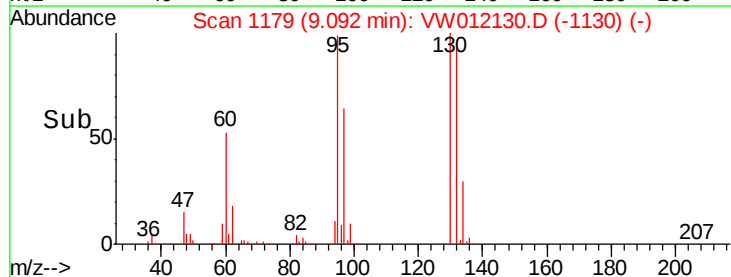
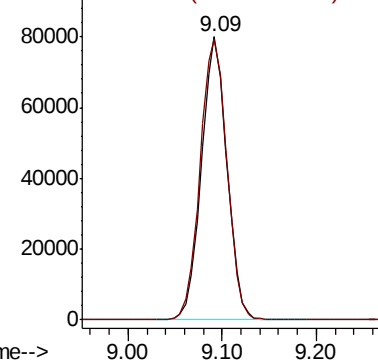
Ion Ratio Lower Upper

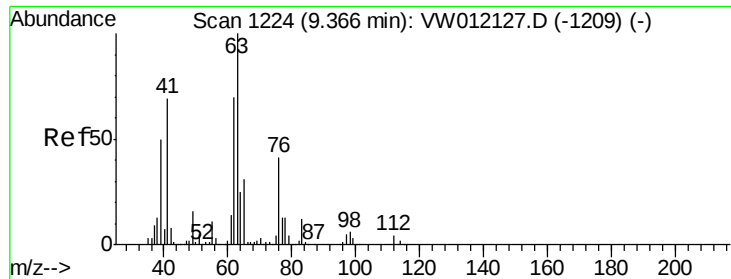
130 100

95 99.4 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: 50.219 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

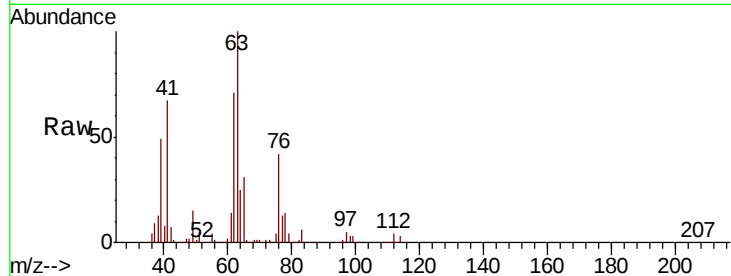
ICVW082319

Tgt Ion: 63 Resp: 162778

Ion Ratio Lower Upper

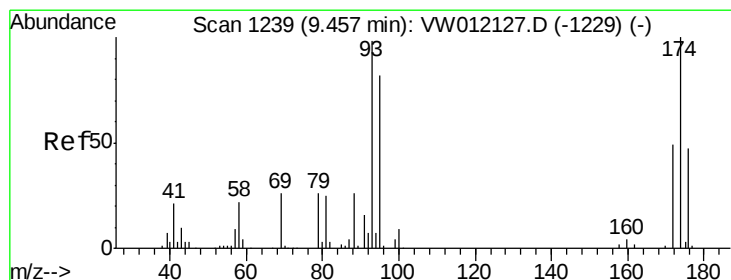
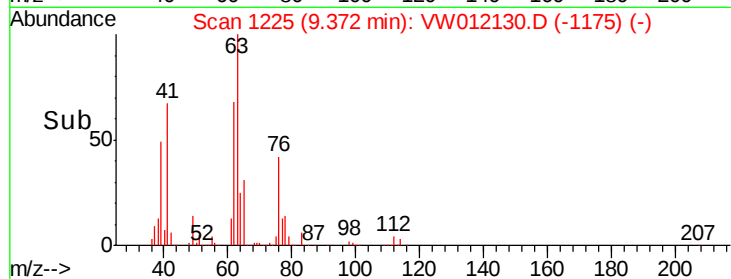
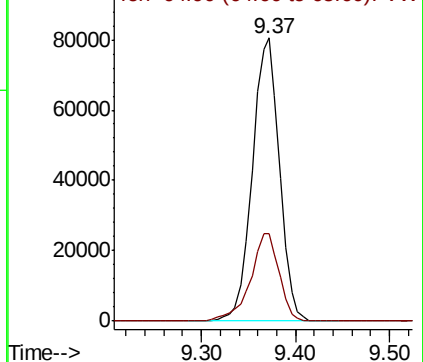
63 100

65 31.0 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 50.284 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

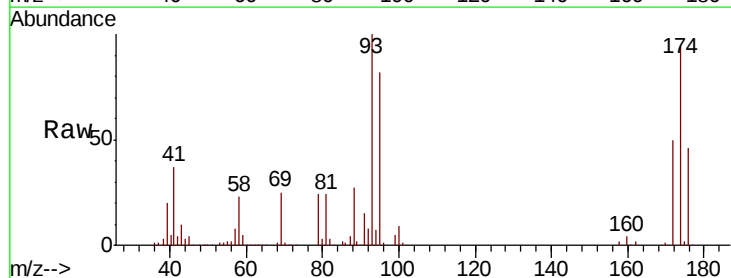
Tgt Ion: 93 Resp: 72519

Ion Ratio Lower Upper

93 100

95 84.3 67.2 100.8

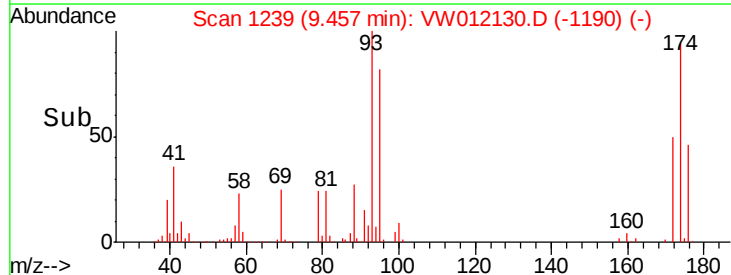
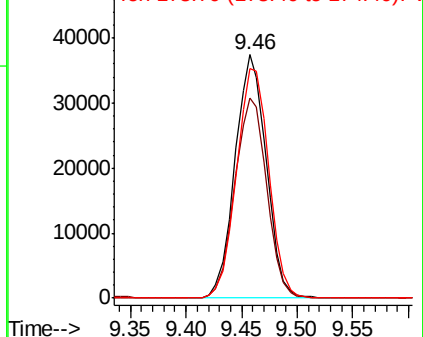
174 97.8 79.0 118.6



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.750 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

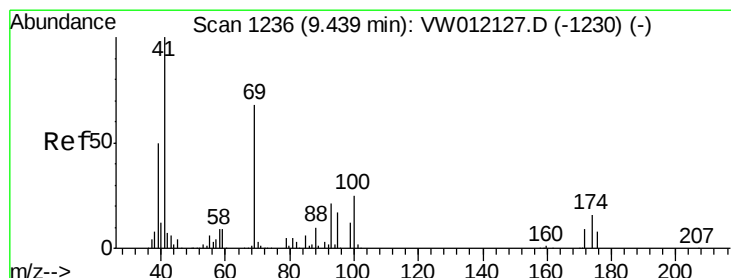
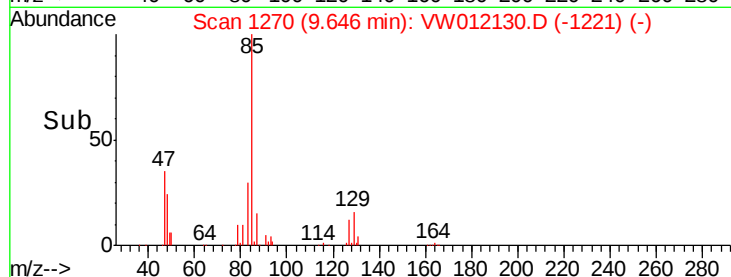
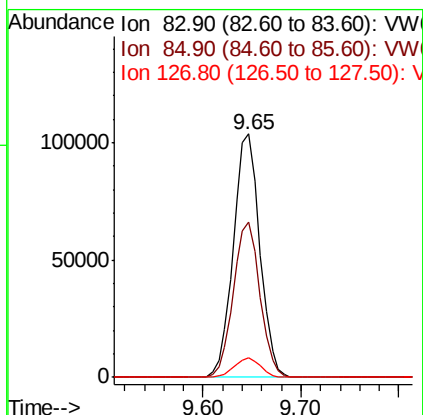
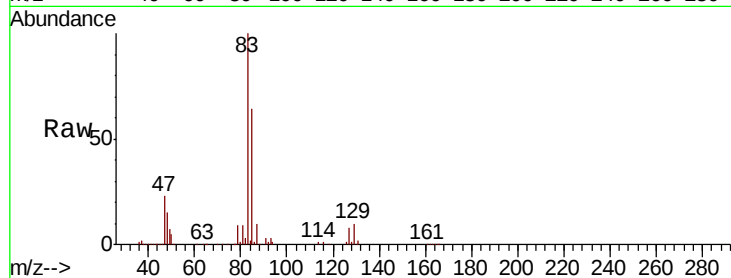
Tgt Ion: 83 Resp: 194793

Ion Ratio Lower Upper

83 100

85 63.8 49.4 74.2

127 7.9 6.1 9.1



#48

Methyl methacrylate

Concen: 54.870 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

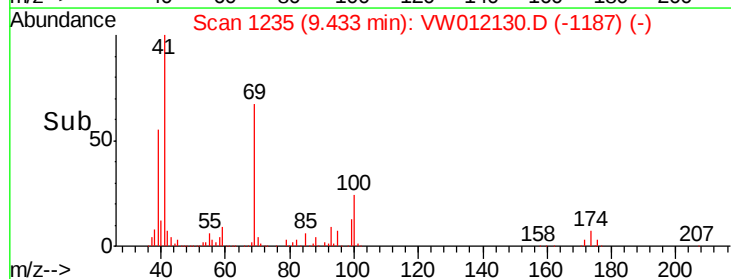
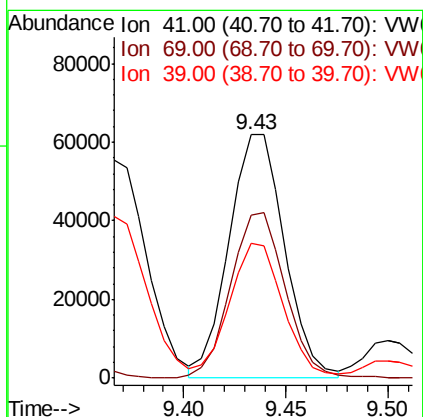
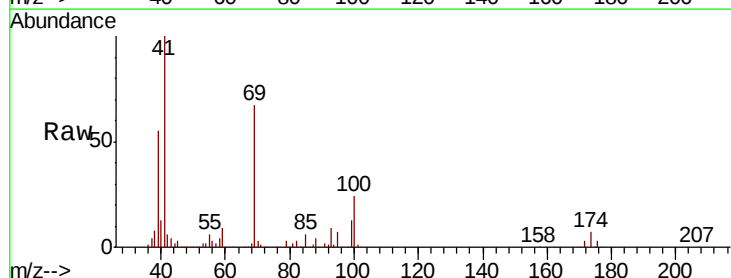
Tgt Ion: 41 Resp: 116922

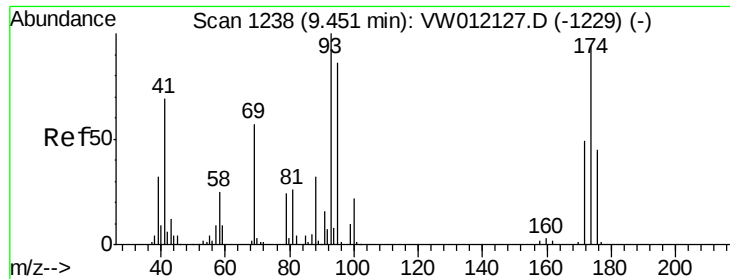
Ion Ratio Lower Upper

41 100

69 66.7 56.7 85.1

39 50.4 42.0 63.0

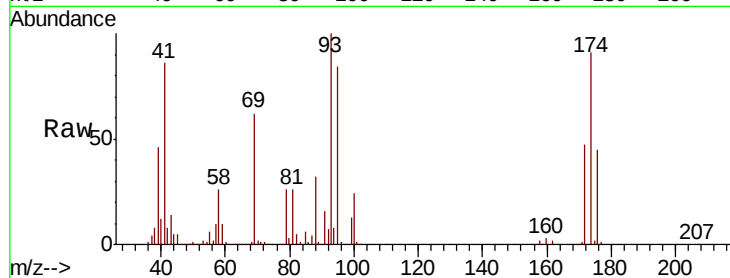




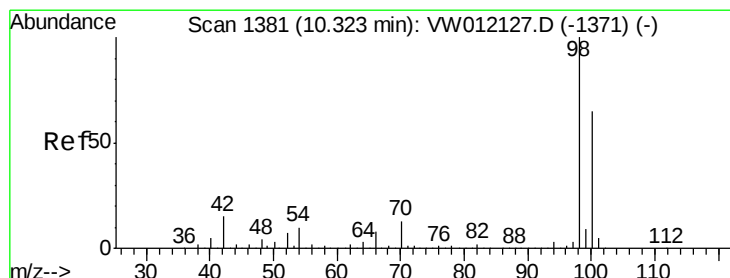
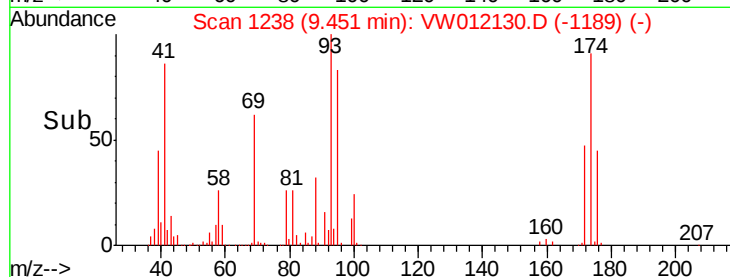
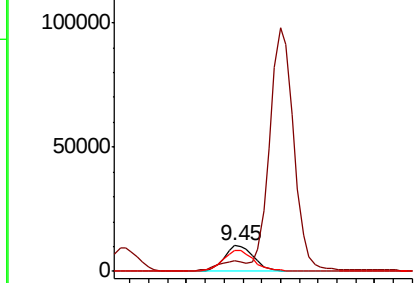
#49
 1,4-Dioxane
 Concen: 1026.304 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW082319

Tgt Ion: 88 Resp: 22659
 Ion Ratio Lower Upper
 88 100
 43 37.2 32.9 49.3
 58 87.7 71.0 106.4

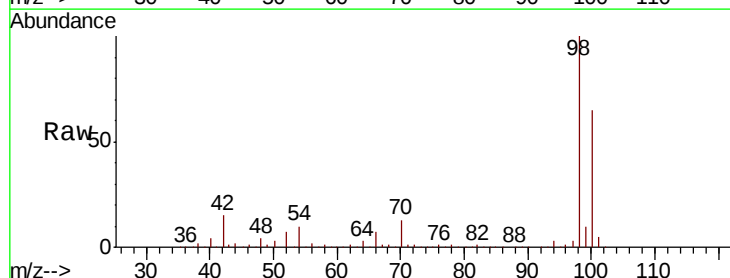


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

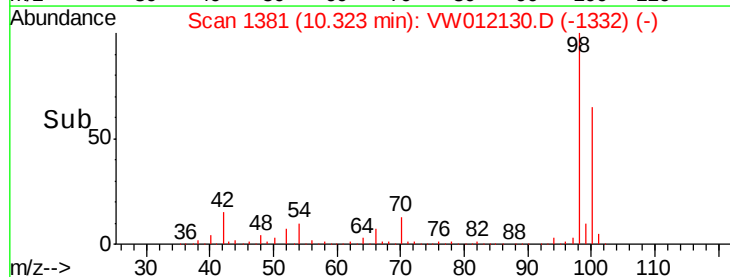
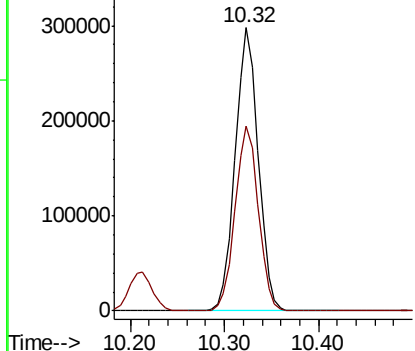


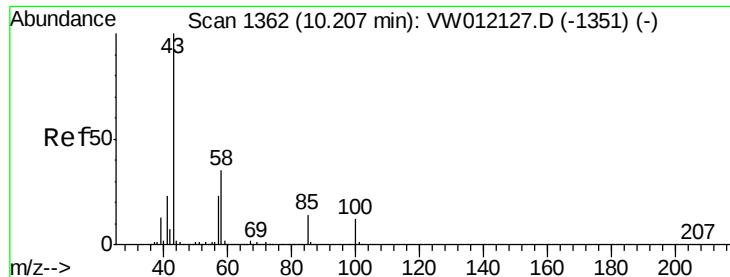
#50
 Toluene-d8
 Concen: 48.907 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion: 98 Resp: 505228
 Ion Ratio Lower Upper
 98 100
 100 65.8 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: 257.436 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

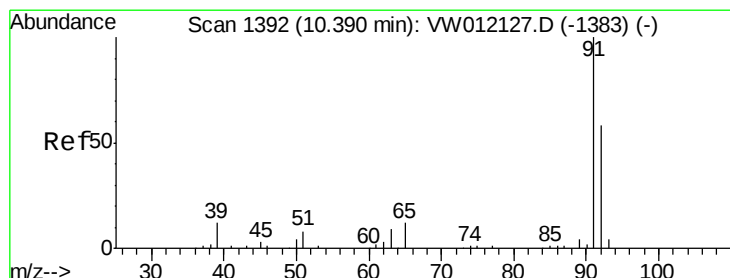
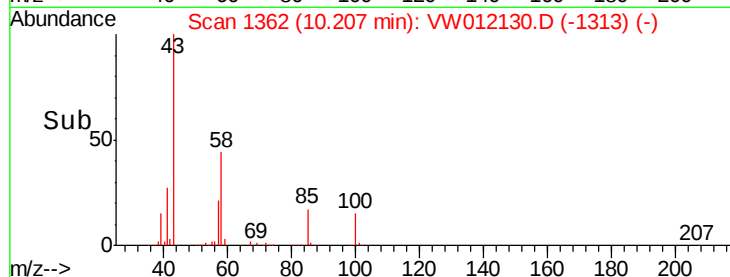
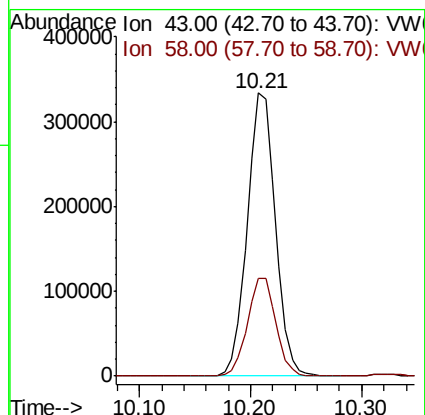
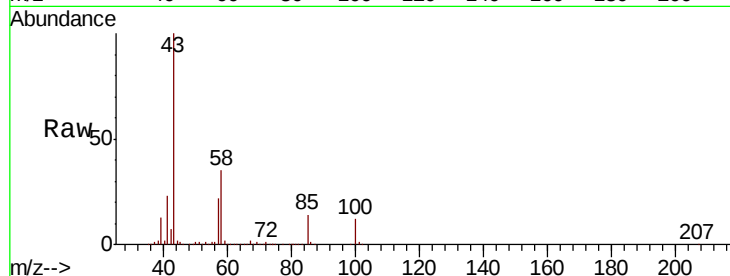
ICVW082319

Tgt Ion: 43 Resp: 586232

Ion Ratio Lower Upper

43 100

58 35.1 28.2 42.2



#52

Toluene

Concen: 51.528 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012130.D

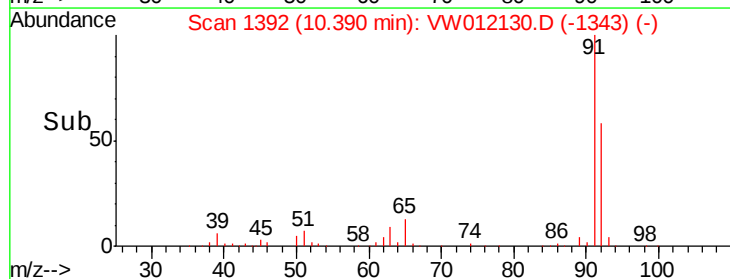
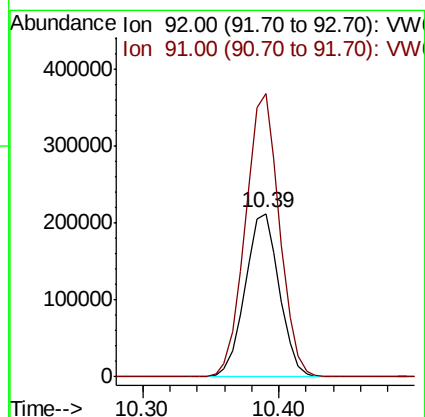
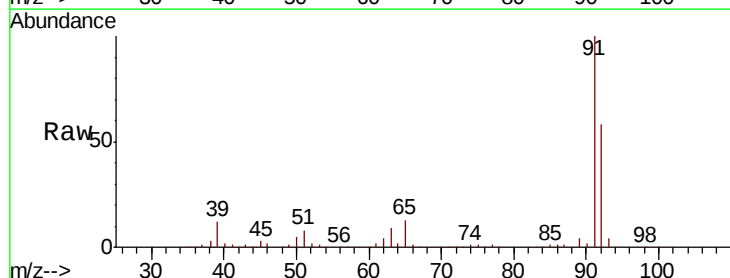
Acq: 23 Aug 2019 13:41

Tgt Ion: 92 Resp: 372823

Ion Ratio Lower Upper

92 100

91 172.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 52.735 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

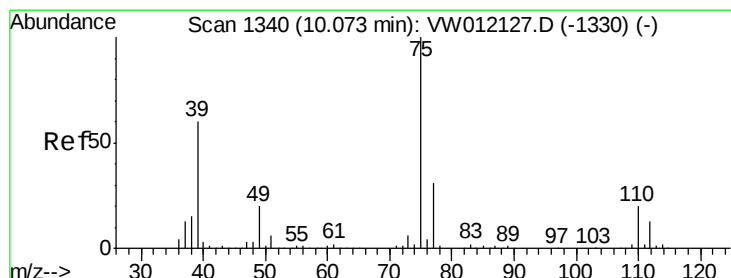
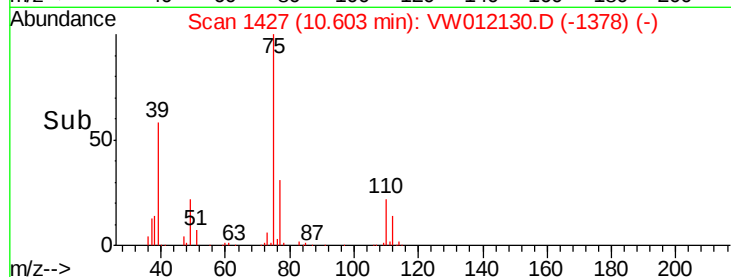
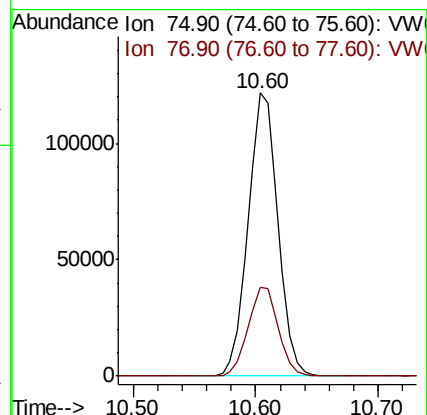
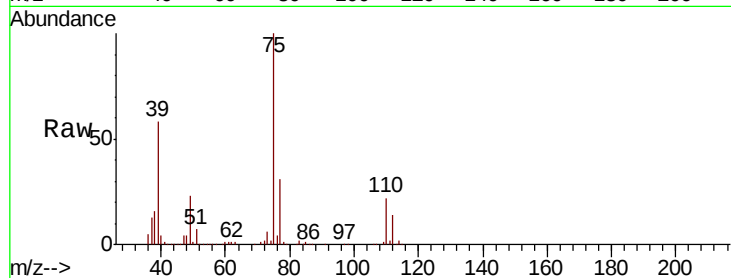
ICVW082319

Tgt Ion: 75 Resp: 206180

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 52.250 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

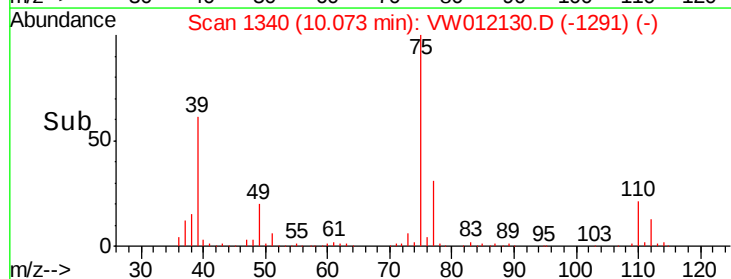
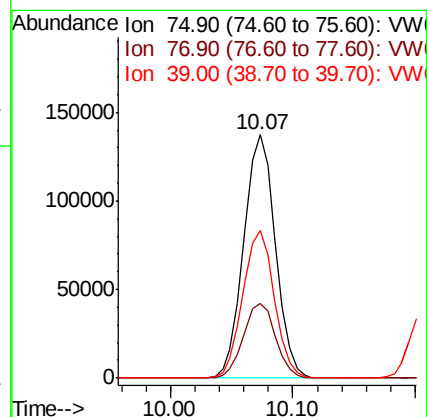
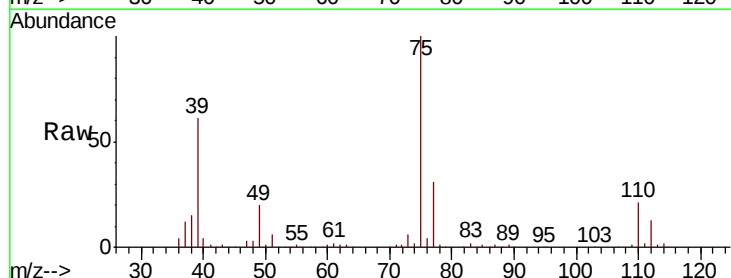
Tgt Ion: 75 Resp: 246662

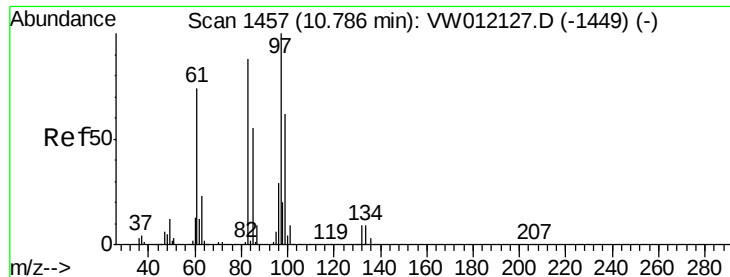
Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

39 60.8 48.3 72.5

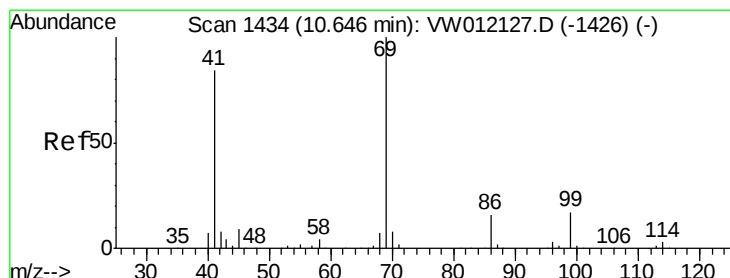
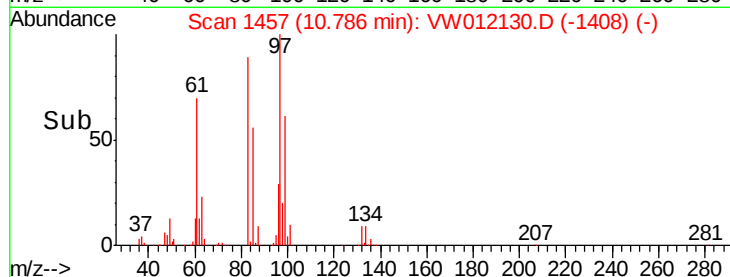
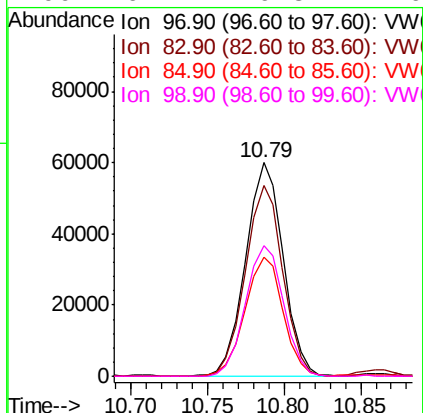
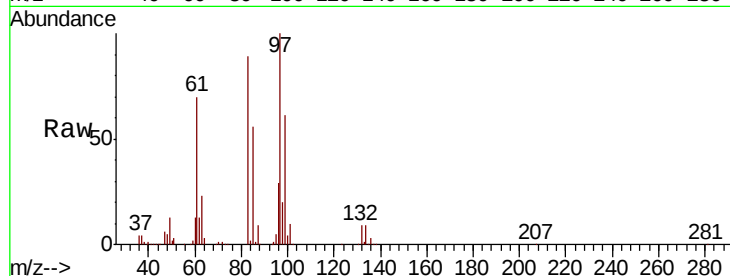




#55
 1,1,2-Trichloroethane
 Concen: 50.280 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

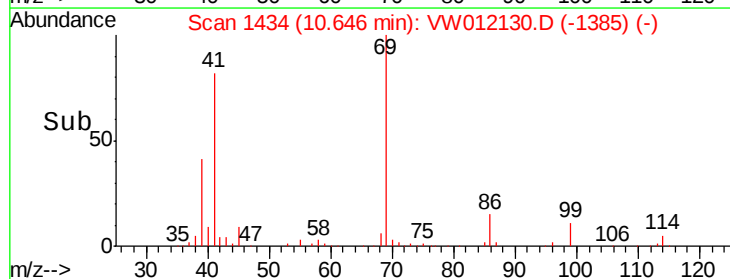
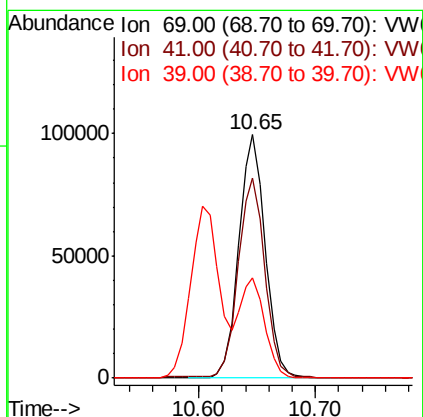
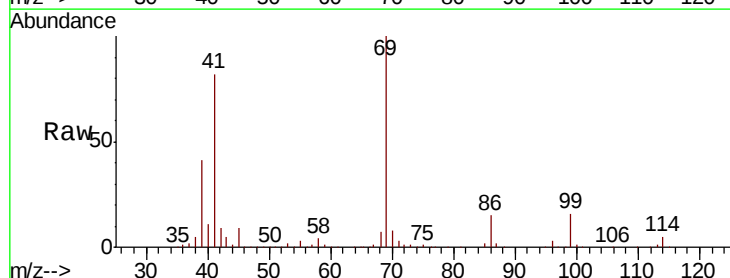
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Tgt Ion:	97	Resp:	102597
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.8	106.2
85	55.7	43.8	65.8
99	61.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 52.902 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion:	69	Resp:	157108
Ion	Ratio	Lower	Upper
69	100		
41	82.3	66.5	99.7
39	38.7	31.0	46.4

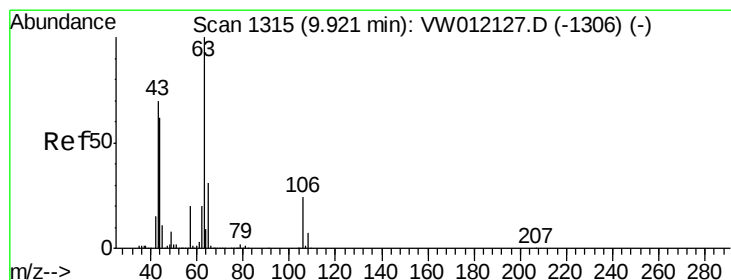
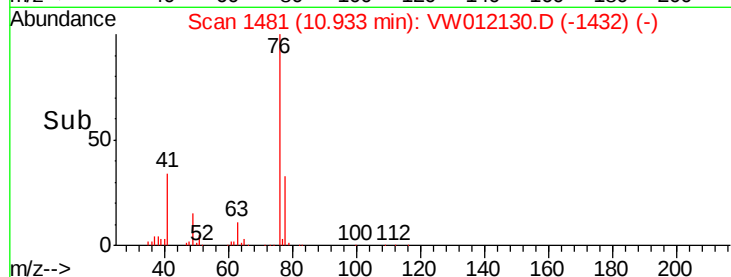
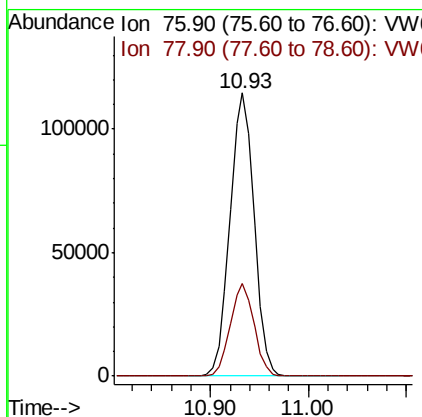
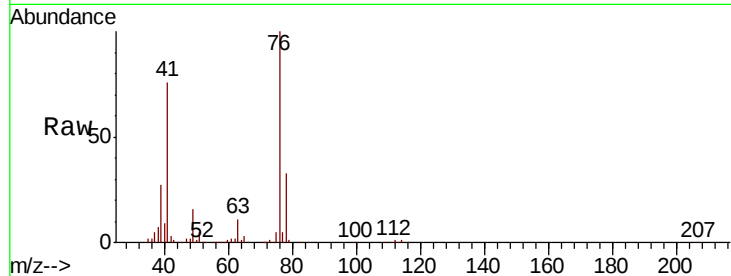




#57
 1,3-Dichloropropane
 Concen: 50.957 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

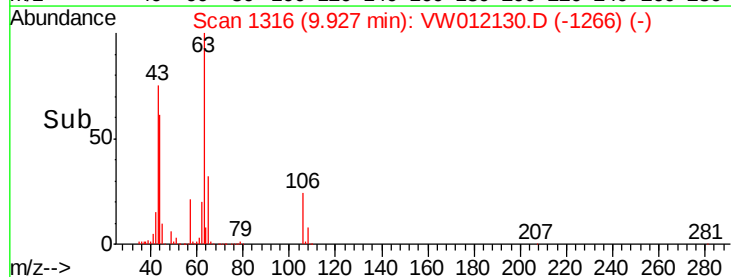
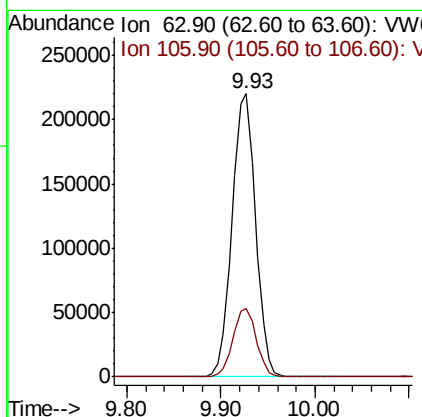
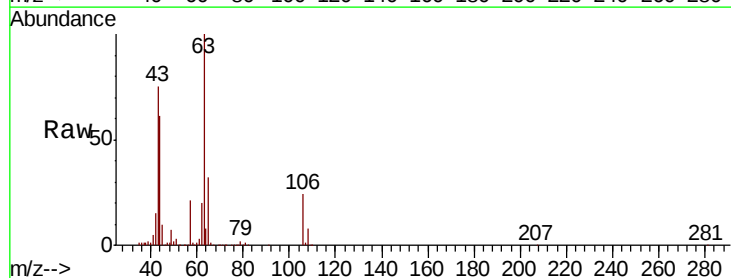
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

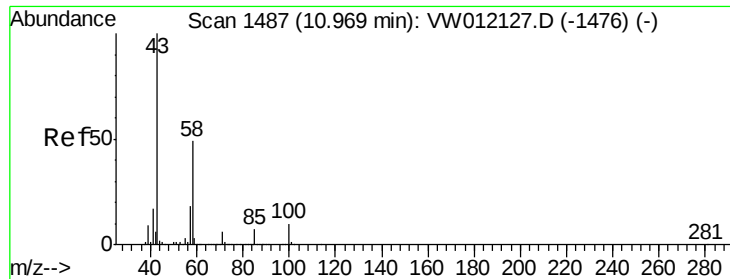
Tgt Ion: 76 Resp: 196493
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.920 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion: 63 Resp: 380917
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.8 29.8

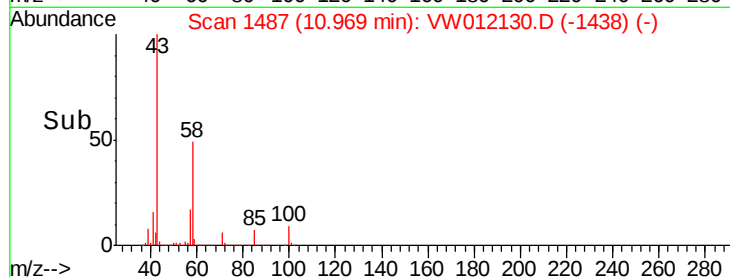
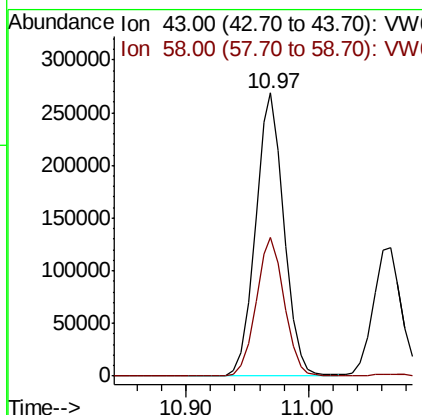
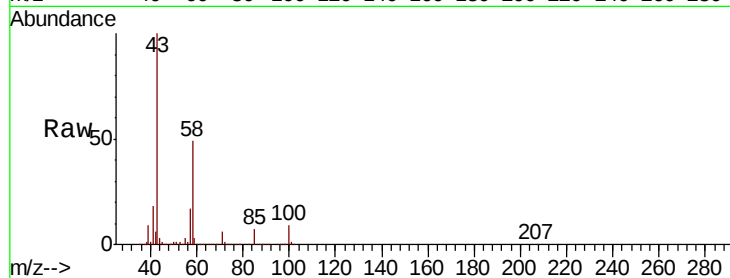




#59
2-Hexanone
Concen: 268.561 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

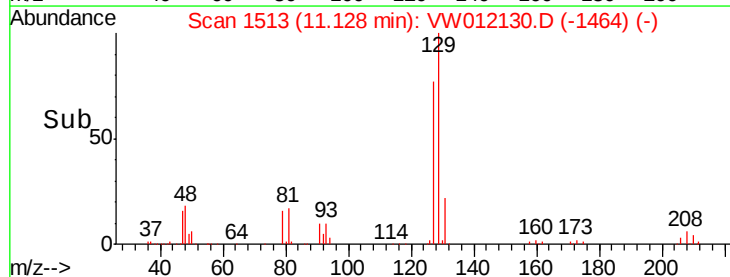
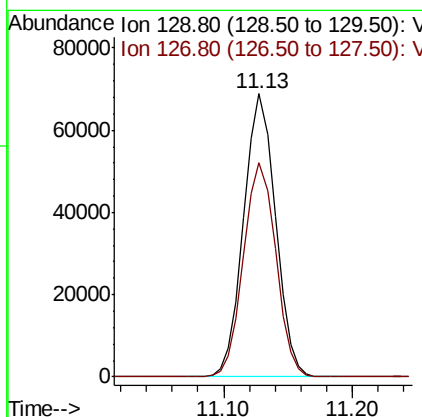
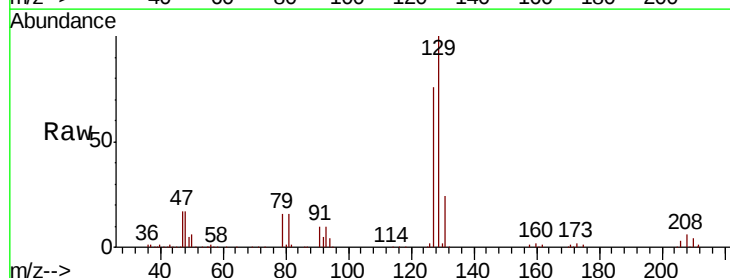
Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

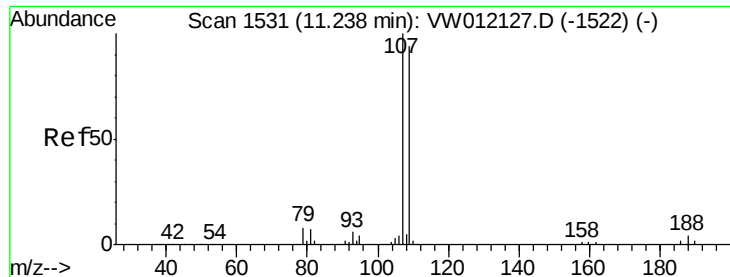
Tgt Ion: 43 Resp: 432723
Ion Ratio Lower Upper
43 100
58 48.7 24.3 72.9



#60
Dibromochloromethane
Concen: 51.905 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion: 129 Resp: 117968
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

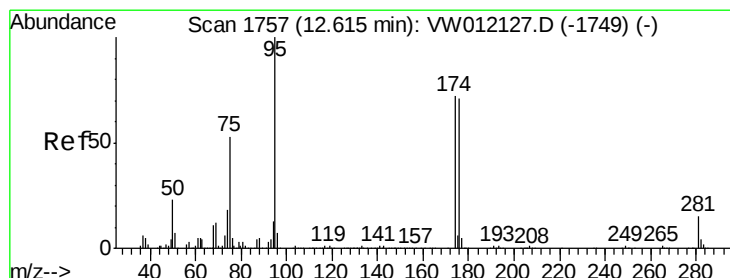
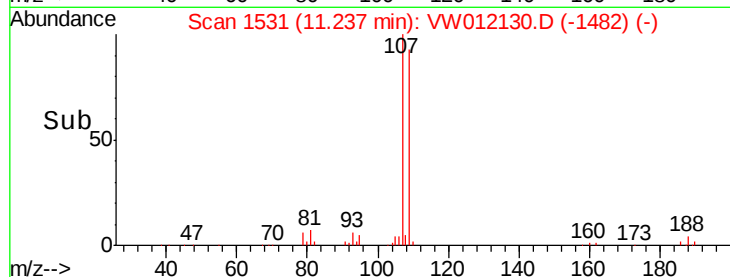
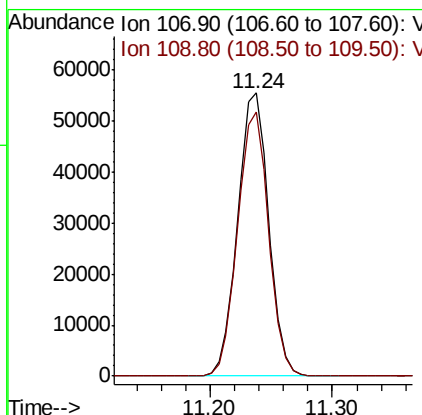
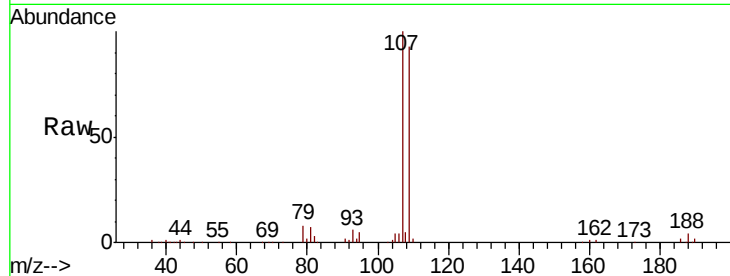




#61
 1,2-Dibromoethane
 Concen: 51.289 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

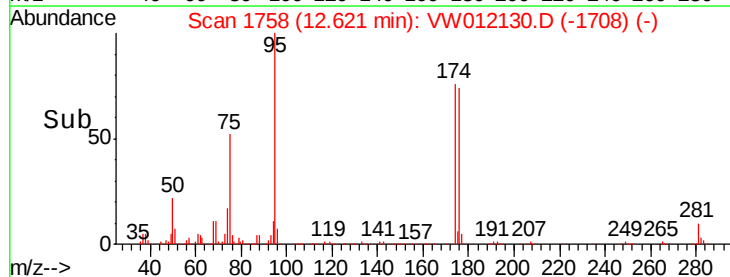
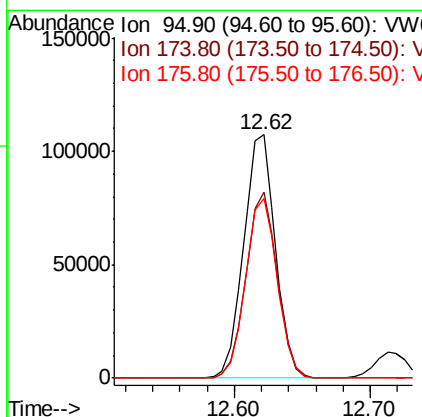
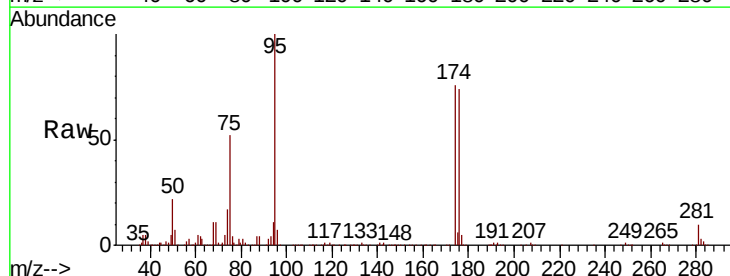
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

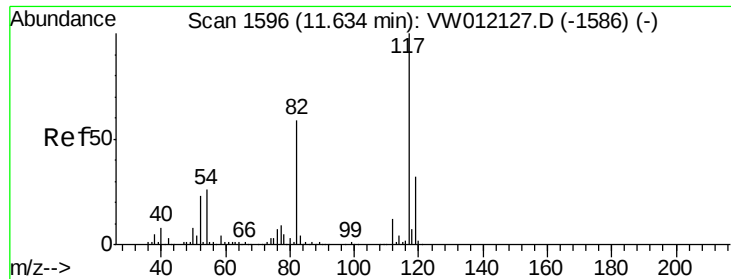
Tgt Ion: 107 Resp: 97500
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.944 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion: 95 Resp: 174584
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 150.8
 176 73.8 0.0 148.6

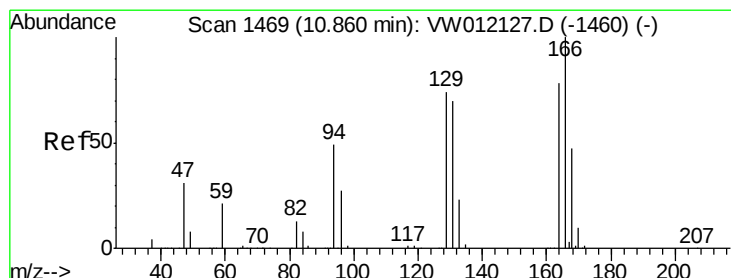
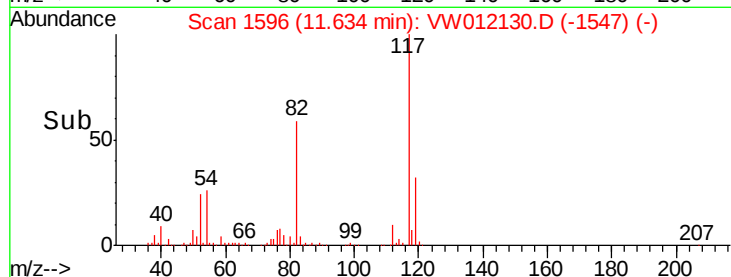
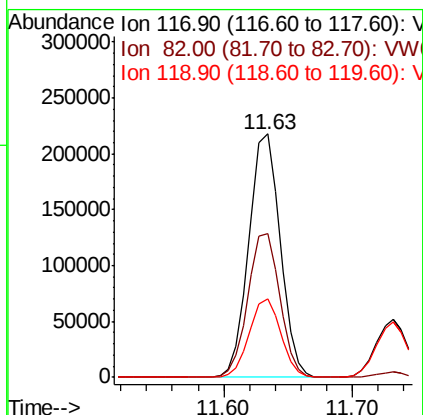
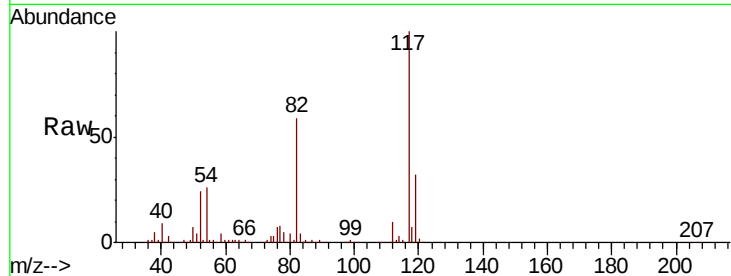




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

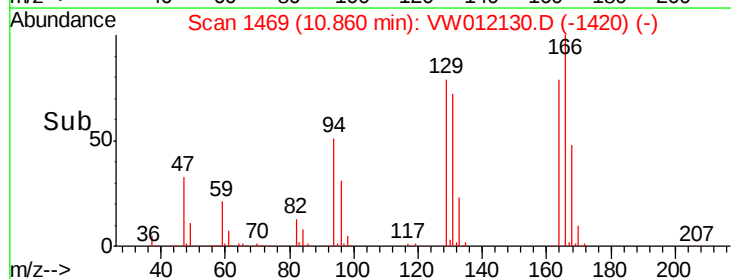
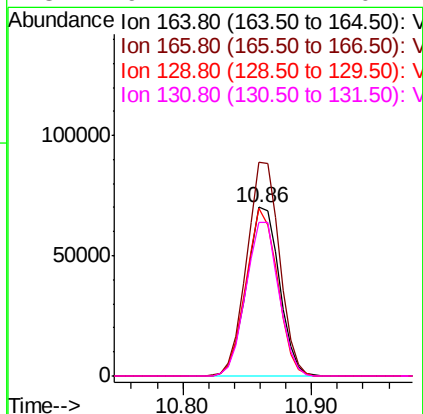
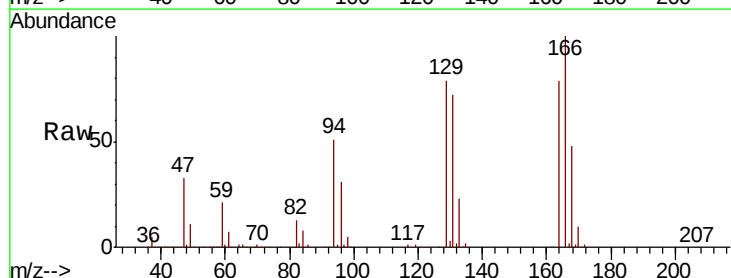
Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

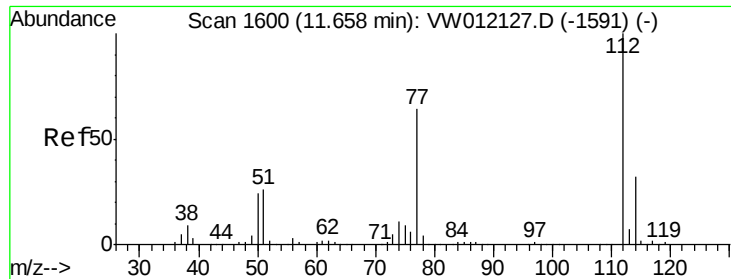
Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.2
119	32.3	25.4	38.2



#64
Tetrachloroethene
Concen: 51.492 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.4	153.6
129	99.7	75.8	113.6
131	91.1	71.4	107.2

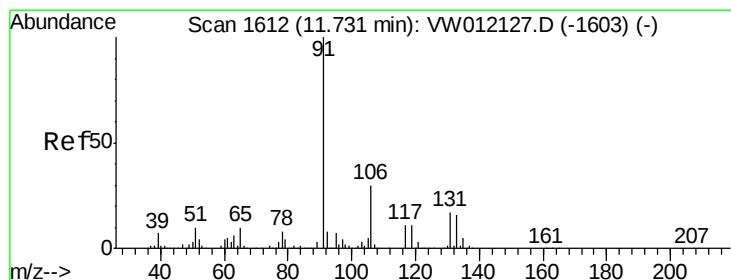
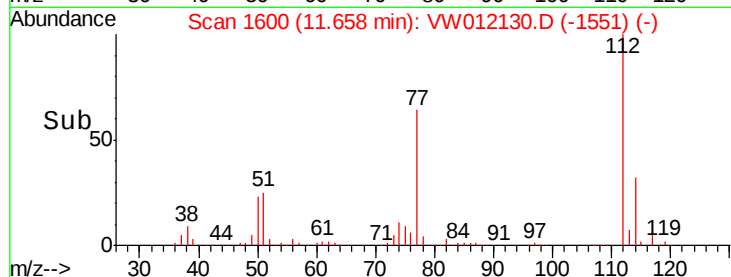
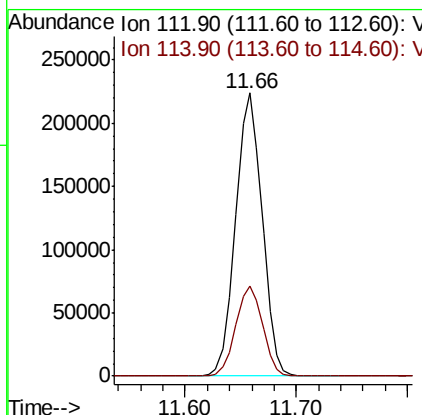
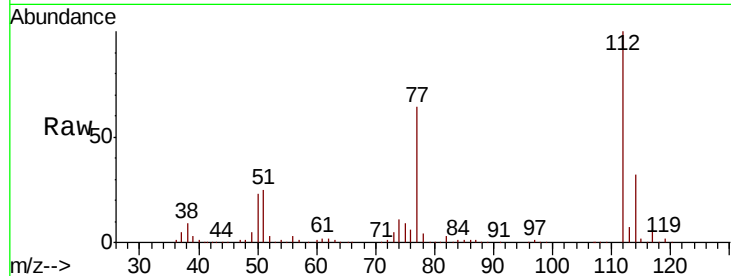




#65
Chlorobenzene
Concen: 51.117 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

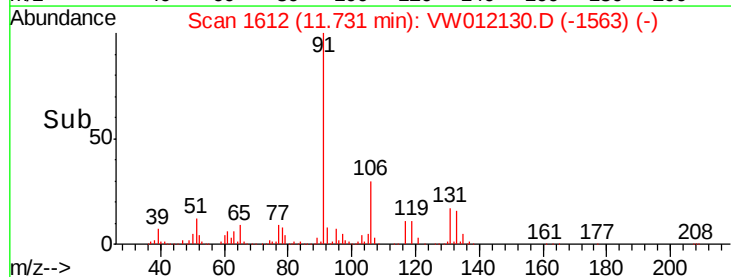
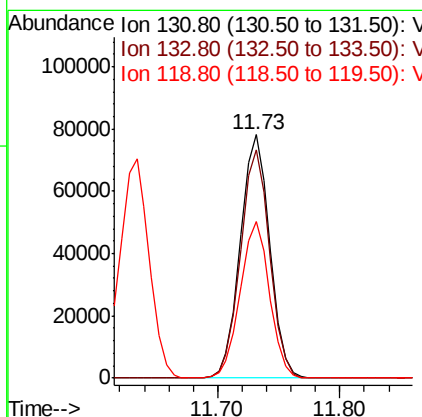
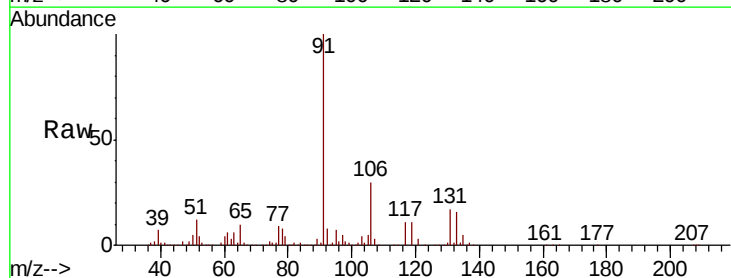
Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tgt Ion:112 Resp: 369800
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.674 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion:131 Resp: 130414
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.3
119 64.0 31.8 95.3

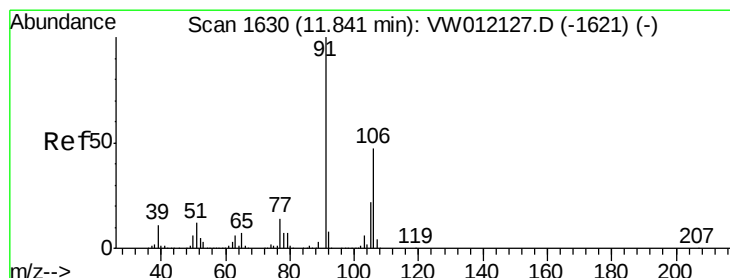
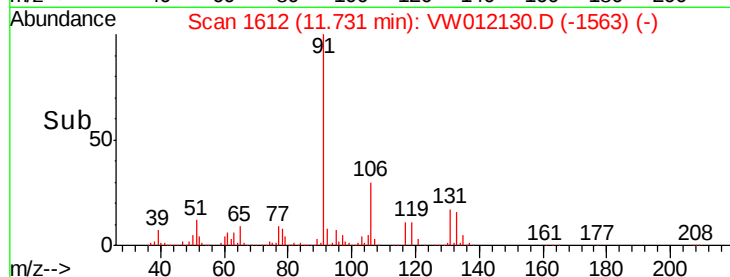
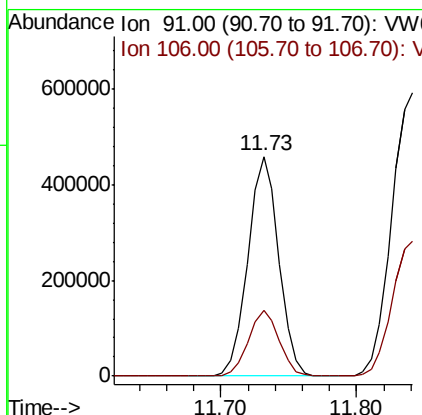
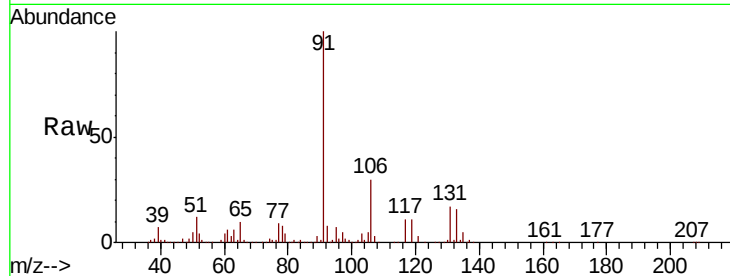




#67
Ethyl Benzene
Concen: 52.286 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

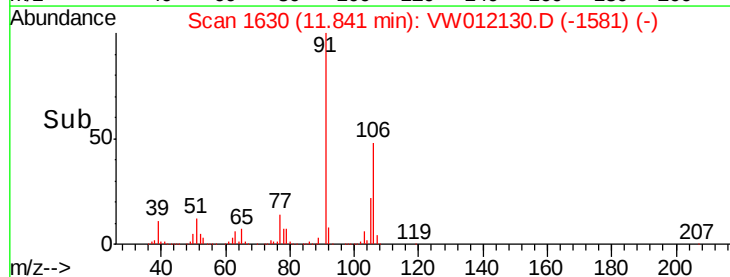
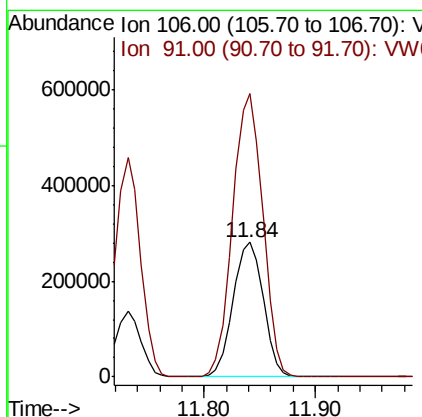
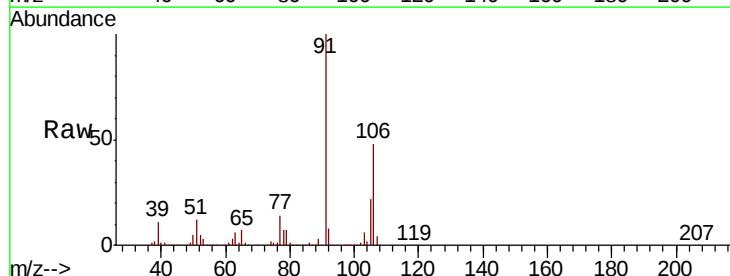
Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tgt Ion: 91 Resp: 728637
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 105.221 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion: 106 Resp: 528187
Ion Ratio Lower Upper
106 100
91 210.5 169.5 254.3

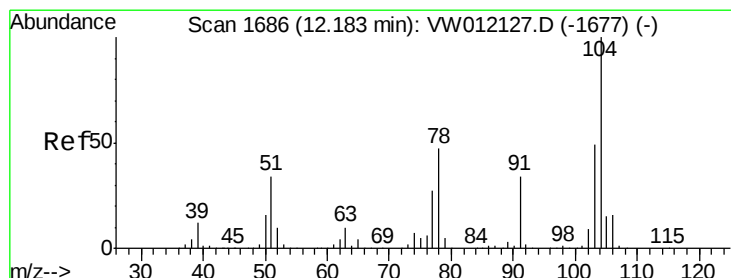
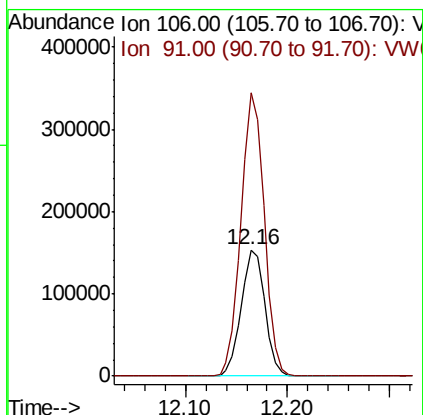
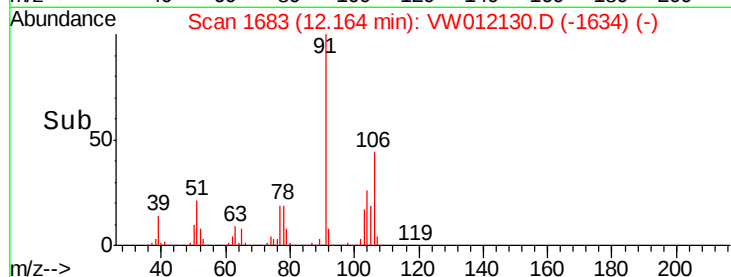
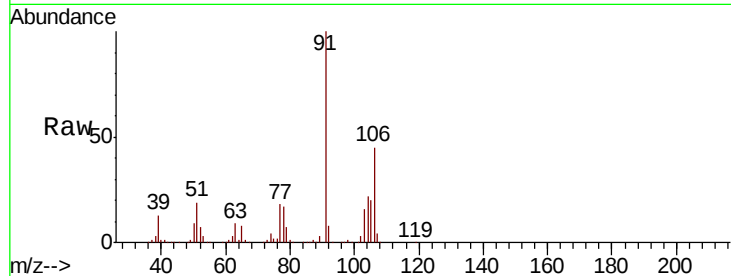




#69
o-Xylene
Concen: 52.945 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

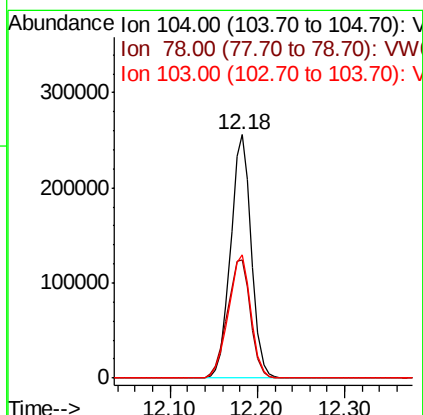
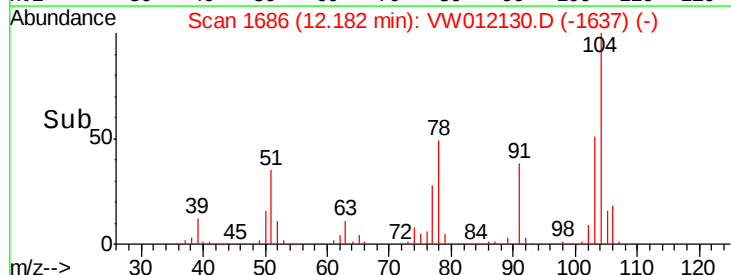
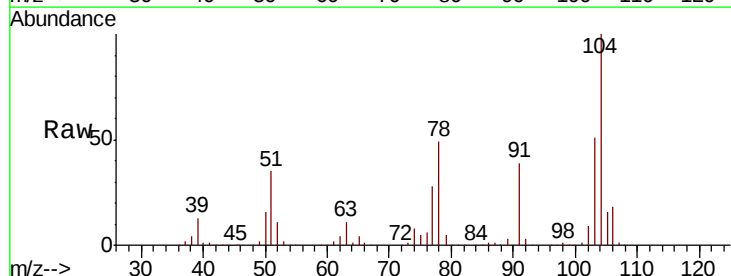
Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

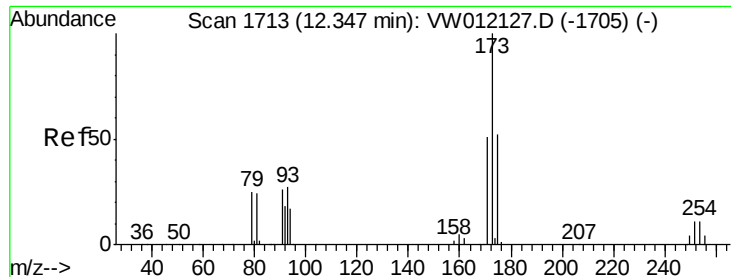
Tgt Ion:106 Resp: 245984
Ion Ratio Lower Upper
106 100
91 221.2 111.6 334.6



#70
Styrene
Concen: 52.344 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion:104 Resp: 420939
Ion Ratio Lower Upper
104 100
78 54.5 43.1 64.7
103 54.6 43.5 65.3

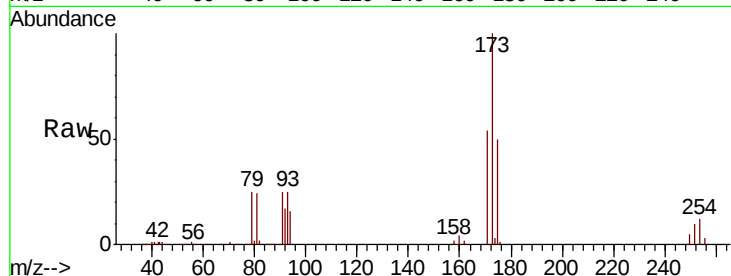




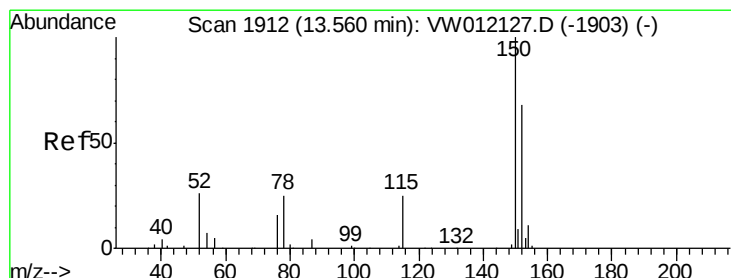
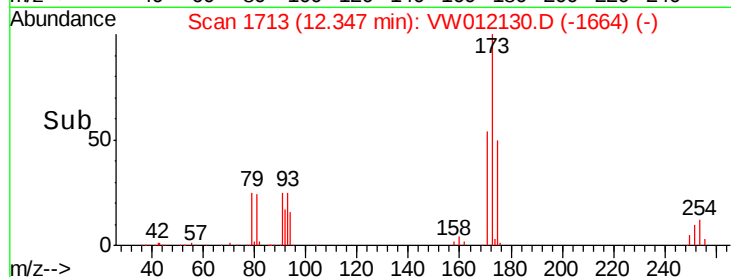
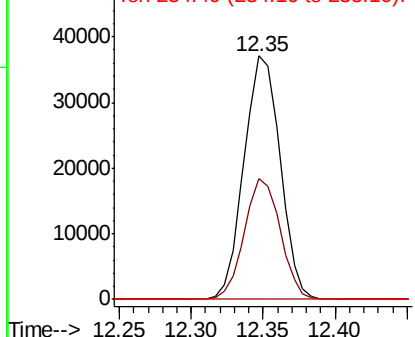
#71
Bromoform
Concen: 51.334 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tgt Ion:173 Resp: 64548
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.2 0.2#

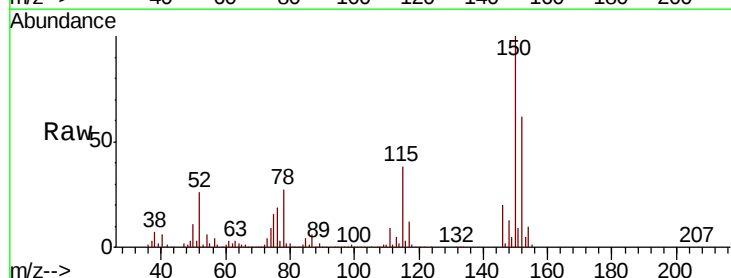


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

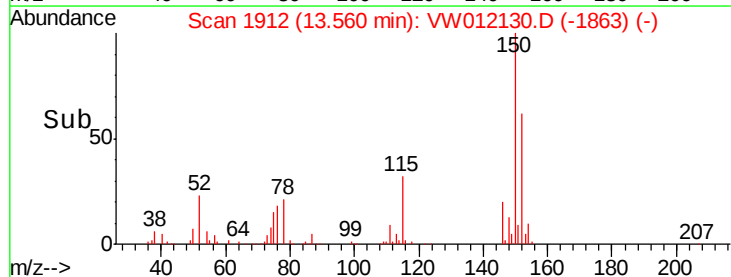
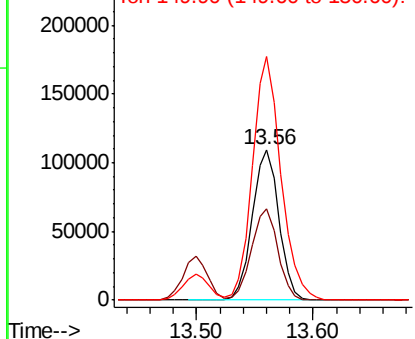


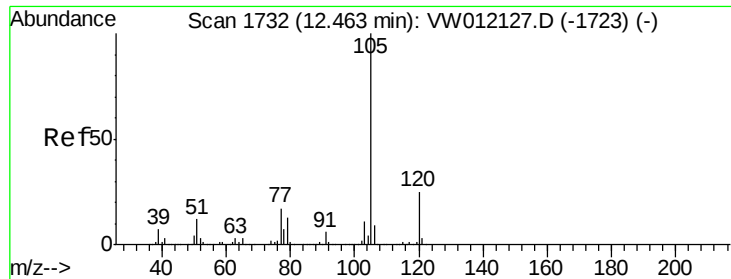
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion:152 Resp: 174642
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 172.8 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: 52.774 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

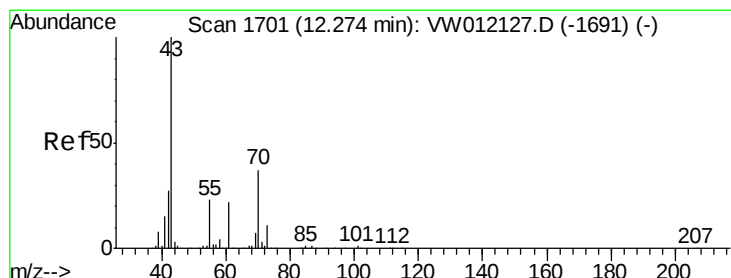
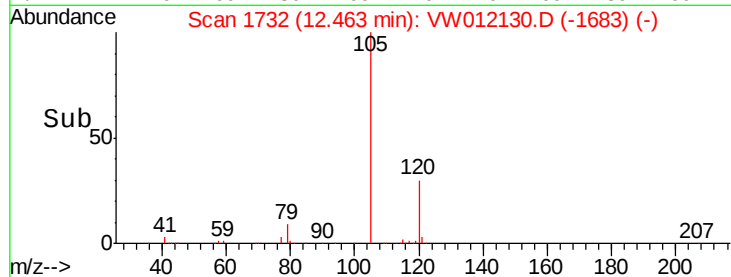
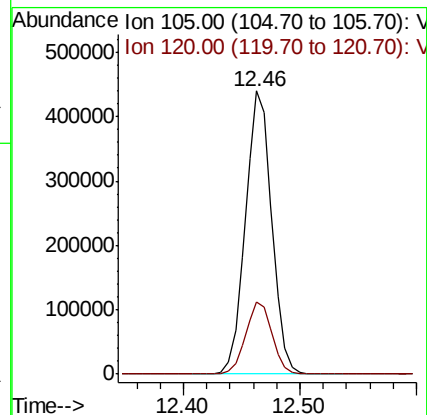
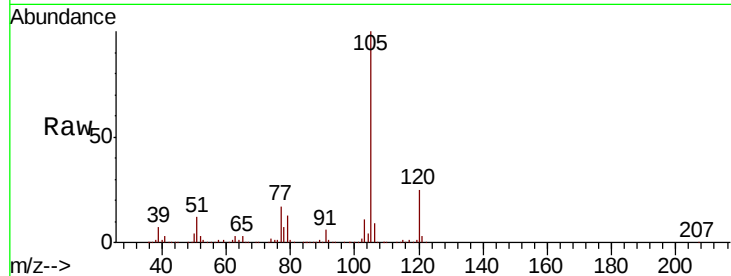
ICVW082319

Tgt Ion: 105 Resp: 690611

Ion Ratio Lower Upper

105 100

120 25.6 12.5 37.5



#74

N-ethyl acetate

Concen: 53.567 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Tgt Ion: 43 Resp: 211788

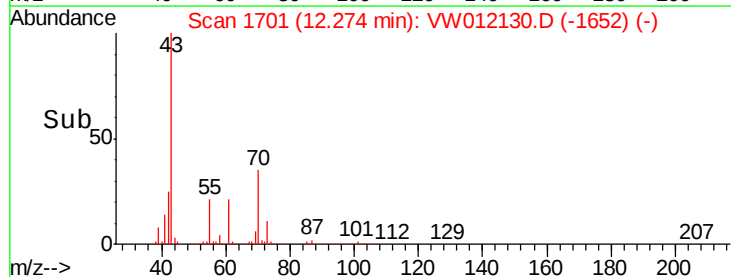
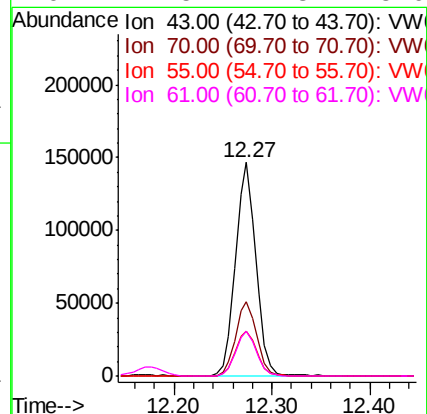
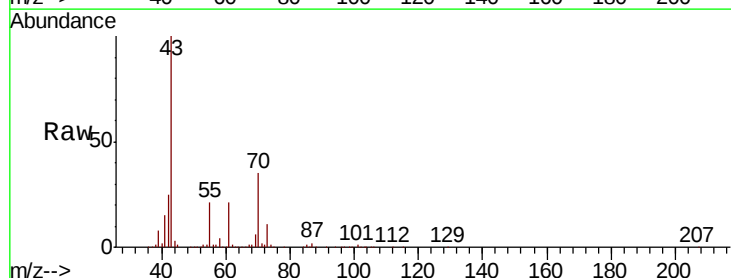
Ion Ratio Lower Upper

43 100

70 35.7 28.6 43.0

55 22.2 17.8 26.6

61 21.5 17.3 25.9

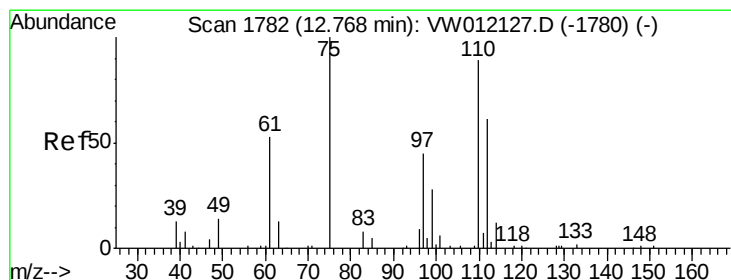
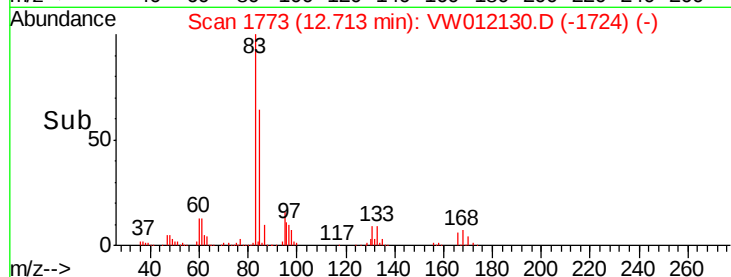
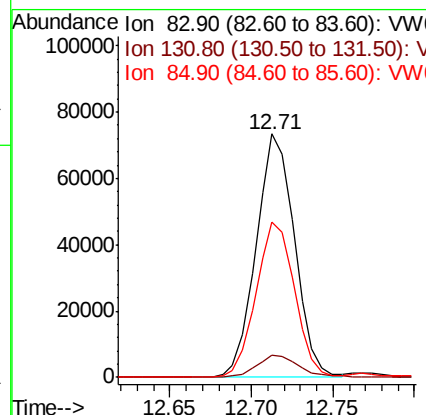
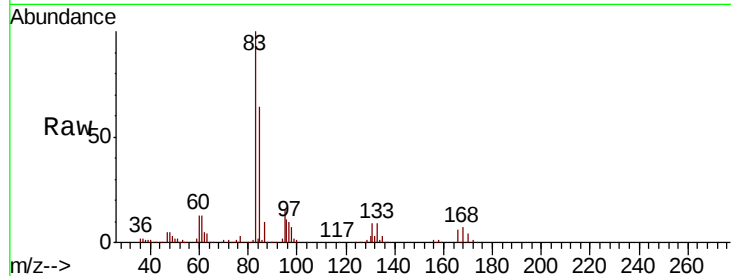




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.180 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

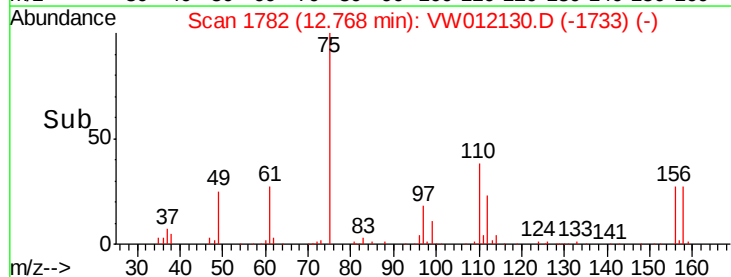
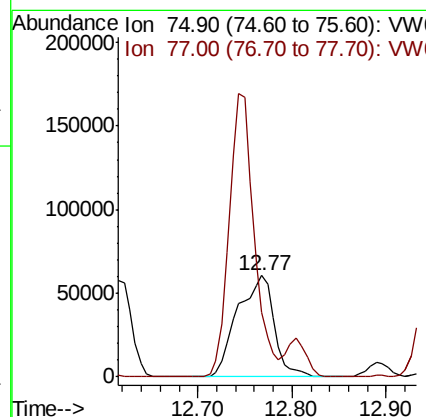
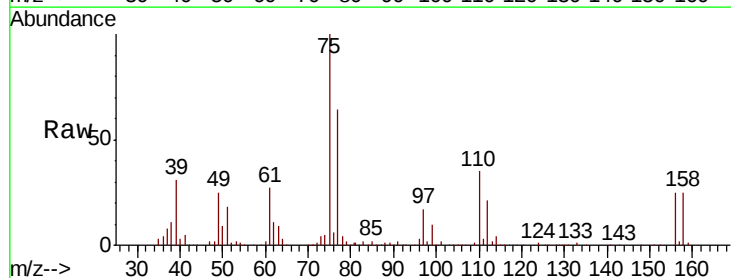
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

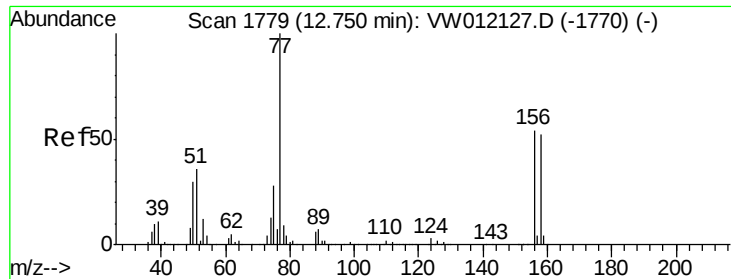
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	63.8	31.9	95.7



#76
 1,2,3-Trichloropropane
 Concen: 97.120 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.267 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

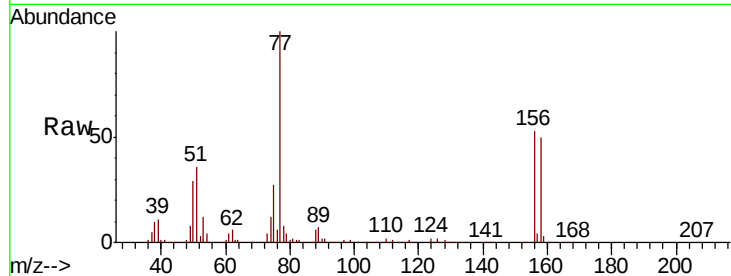
Tgt Ion:156 Resp: 147972

Ion Ratio Lower Upper

156 100

77 212.3 107.3 321.8

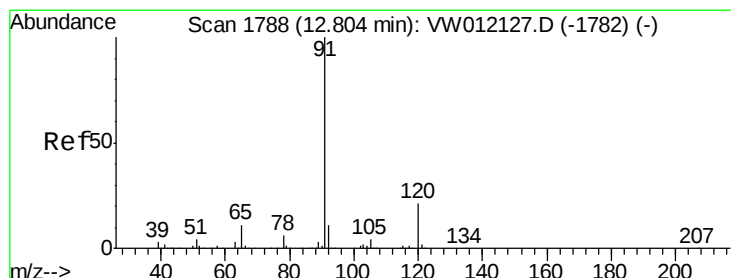
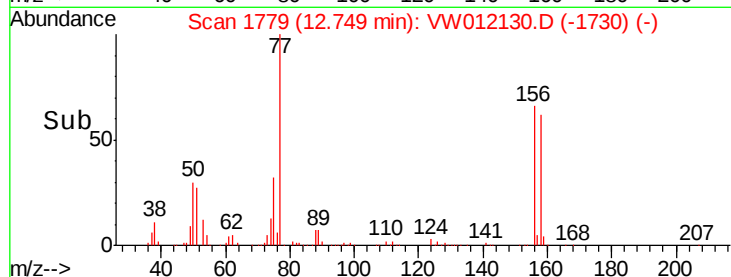
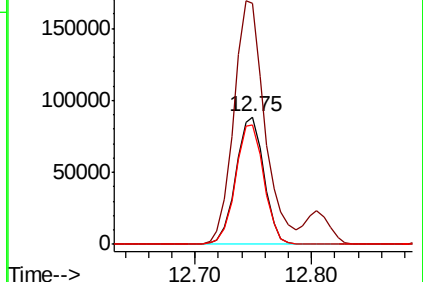
158 95.4 49.0 147.0



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: 52.954 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012130.D

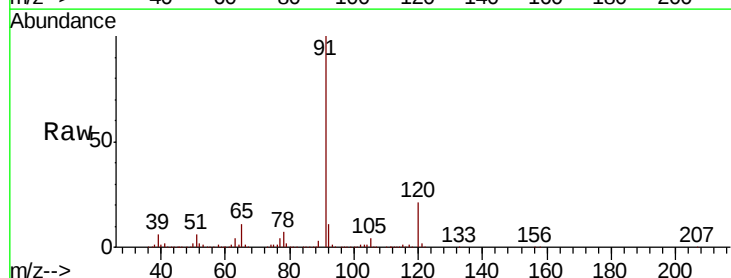
Acq: 23 Aug 2019 13:41

Tgt Ion: 91 Resp: 845975

Ion Ratio Lower Upper

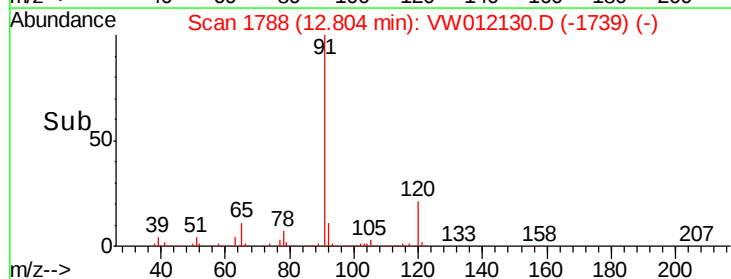
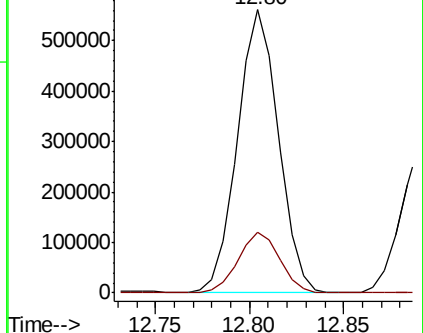
91 100

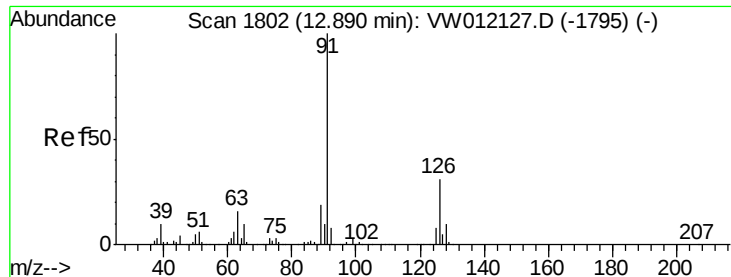
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

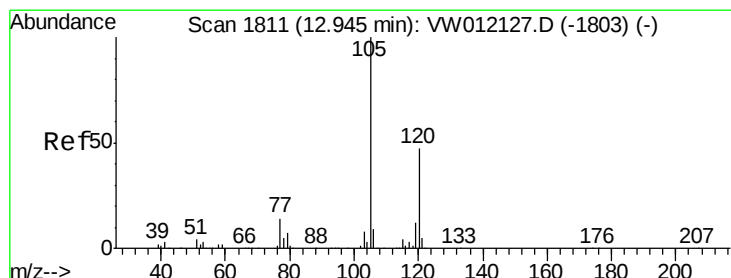
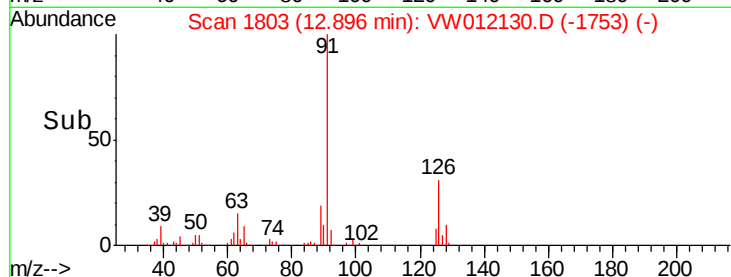
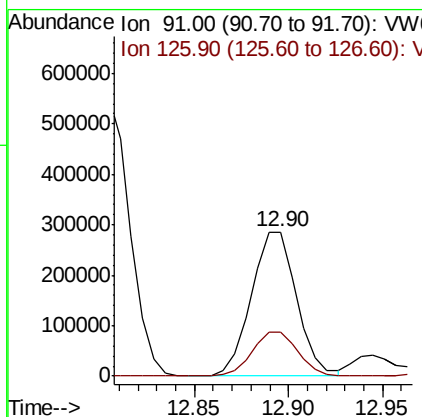
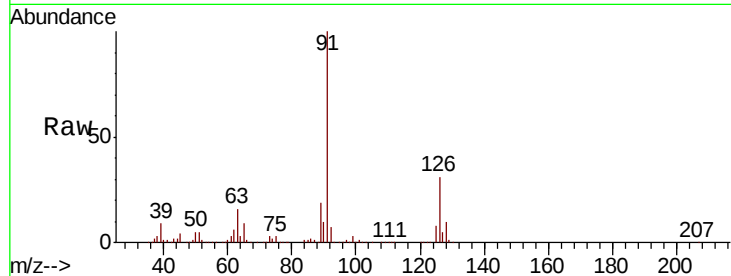




#79
 2-Chlorotoluene
 Concen: 52.575 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

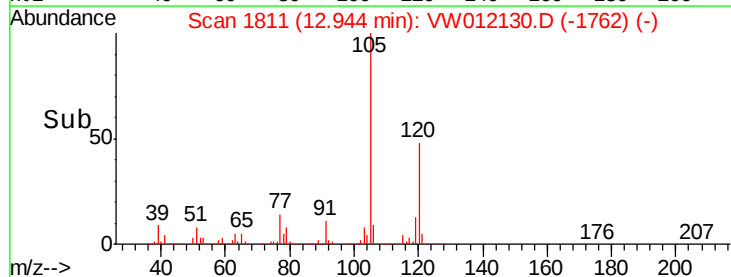
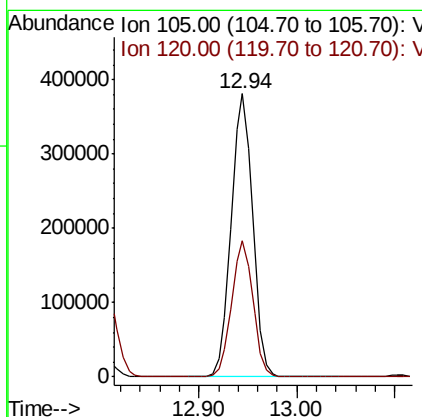
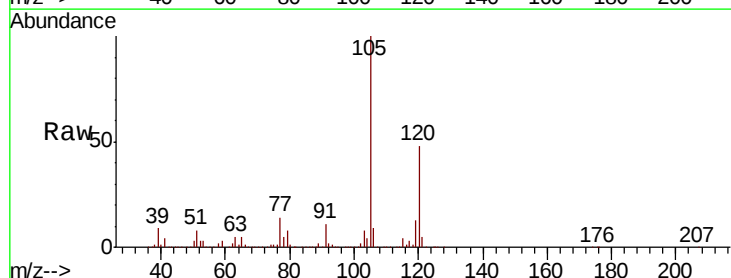
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

Tgt Ion: 91 Resp: 476854
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 53.006 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion: 105 Resp: 579606
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.691 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

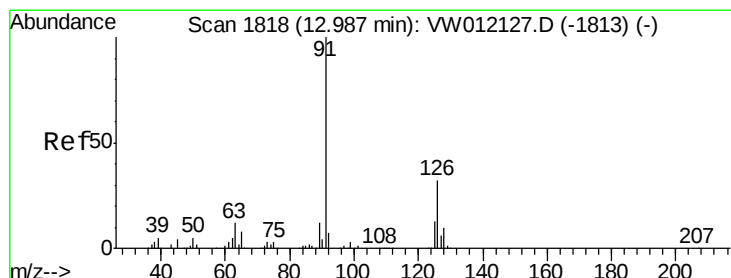
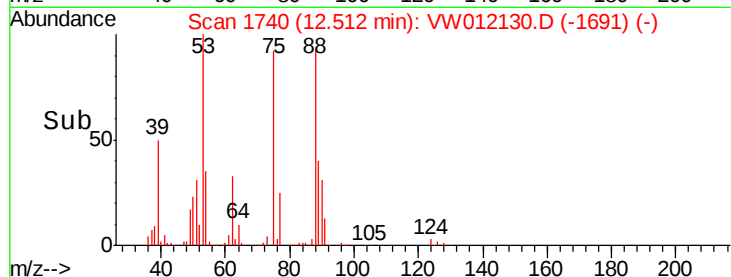
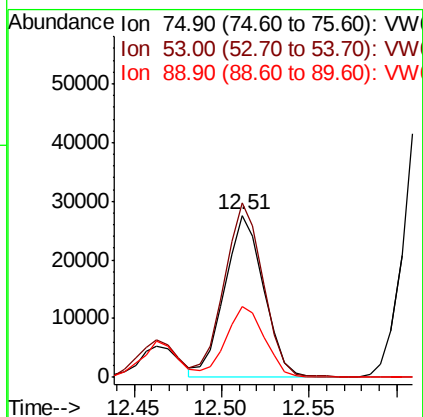
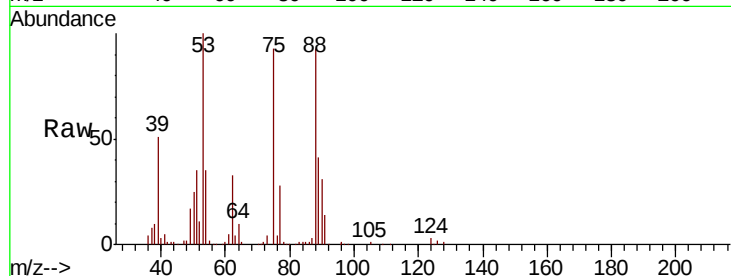
Tgt Ion: 75 Resp: 42427

Ion Ratio Lower Upper

75 100

53 109.2 89.4 134.0

89 43.4 34.5 51.7



#82

4-Chlorotoluene

Concen: 51.812 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012130.D

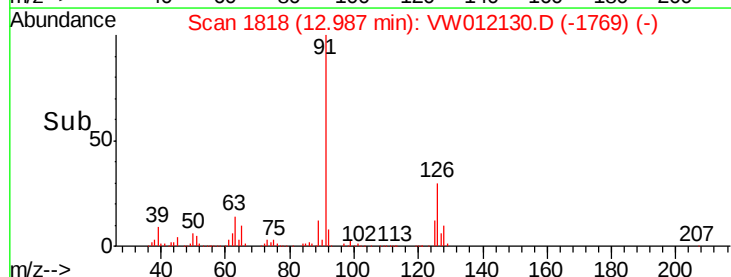
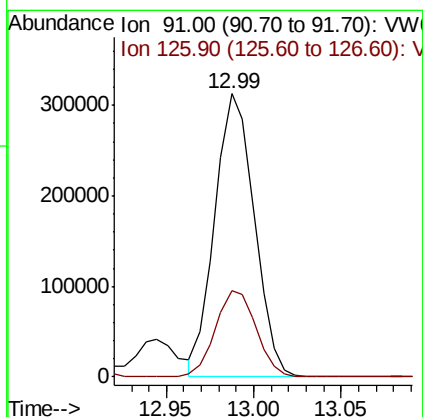
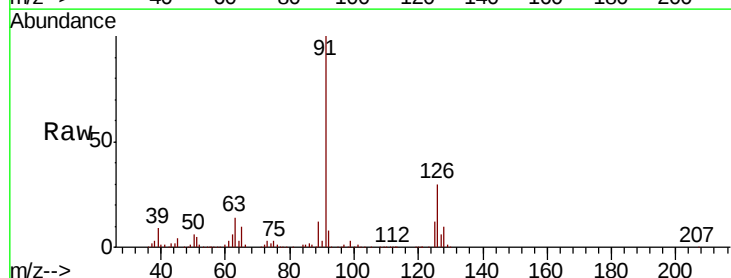
Acq: 23 Aug 2019 13:41

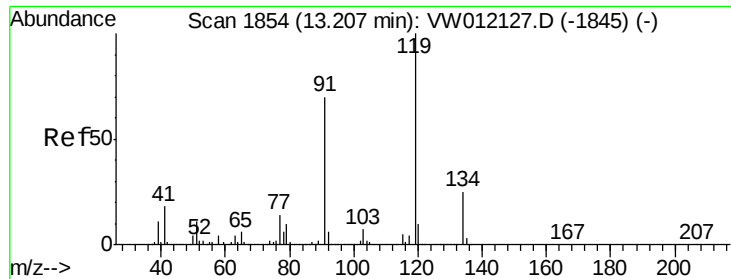
Tgt Ion: 91 Resp: 492058

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8

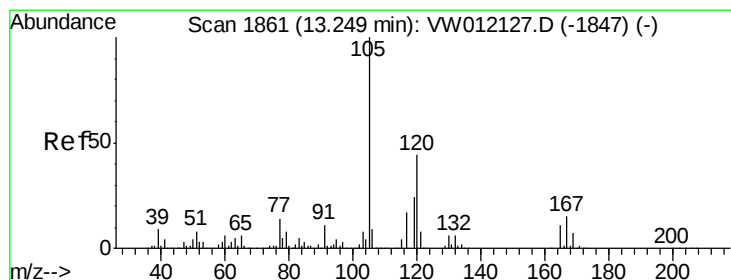
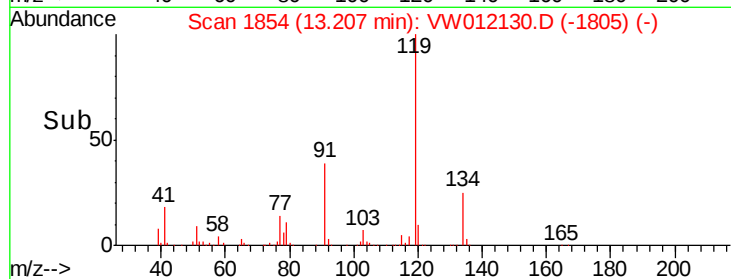
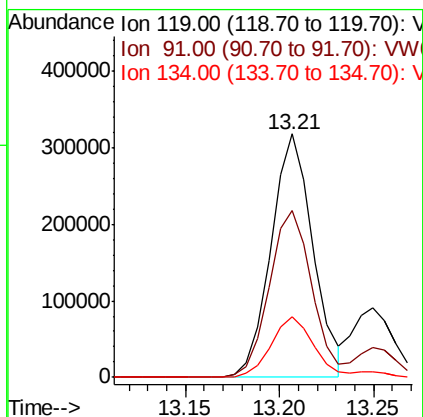
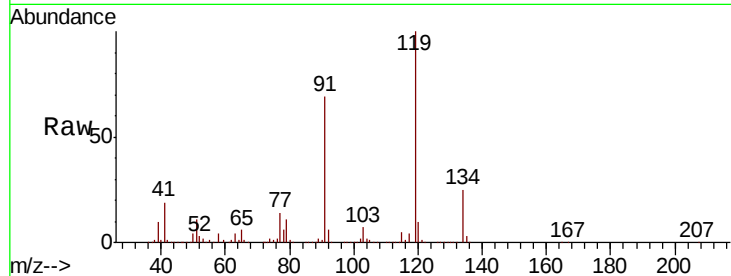




#83
 tert-Butylbenzene
 Concen: 53.110 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

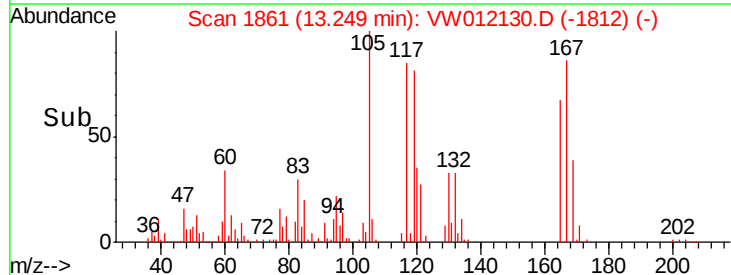
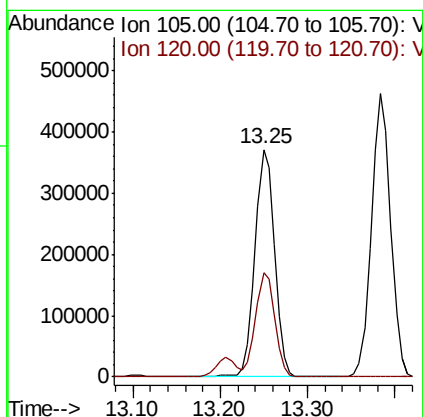
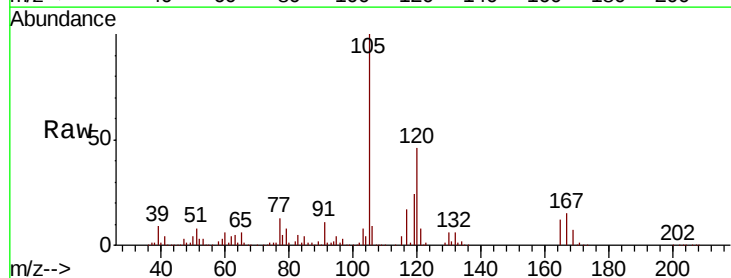
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

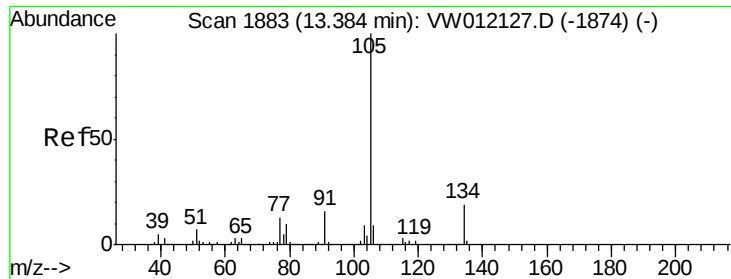
Tgt Ion:119 Resp: 491943
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.8 104.3
 134 25.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.545 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion:105 Resp: 577171
 Ion Ratio Lower Upper
 105 100
 120 45.0 21.9 65.7

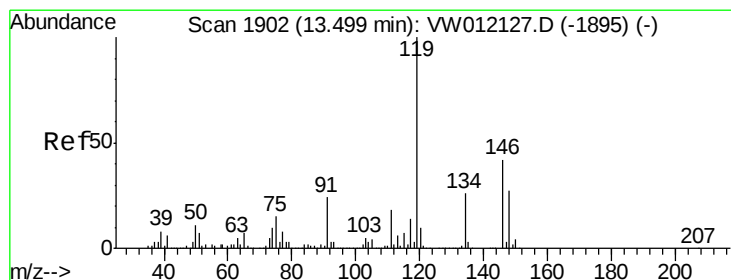
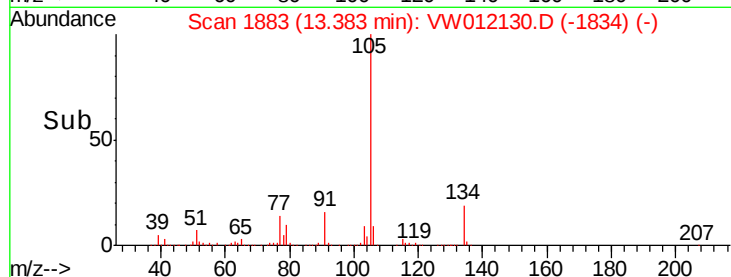
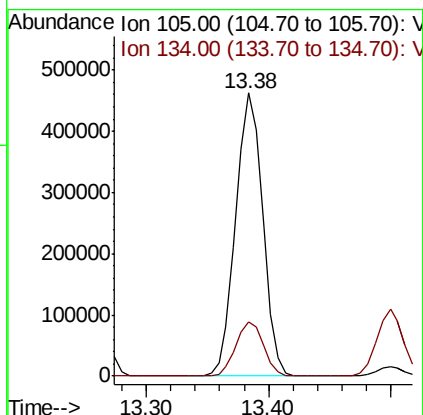
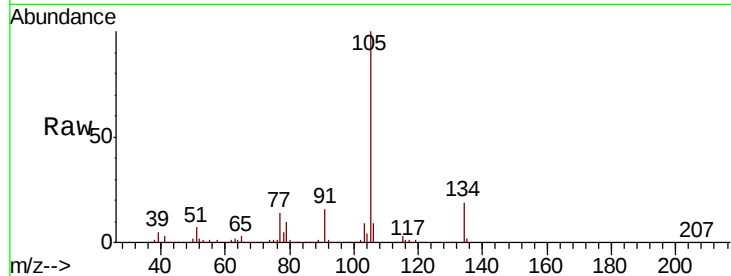




#85
 sec-Butylbenzene
 Concen: 53.271 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

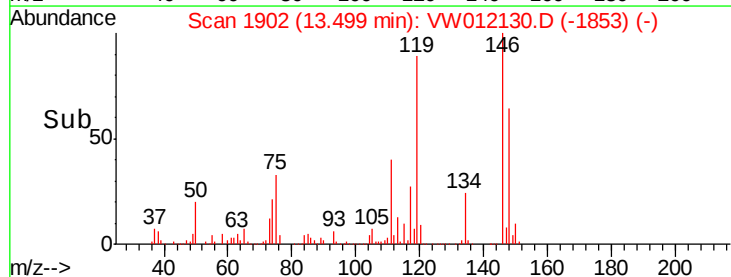
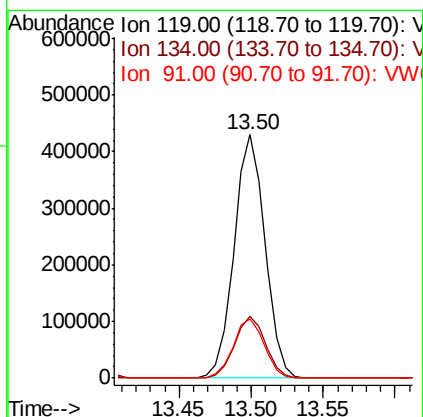
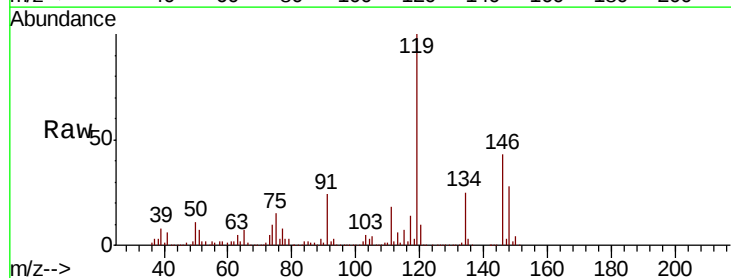
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

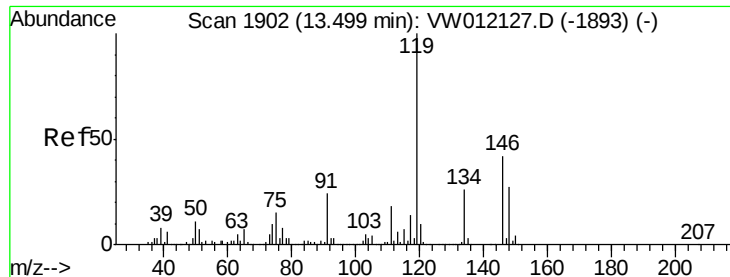
Tgt Ion:105 Resp: 706933
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 53.966 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion:119 Resp: 639566
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 24.6 12.3 36.9

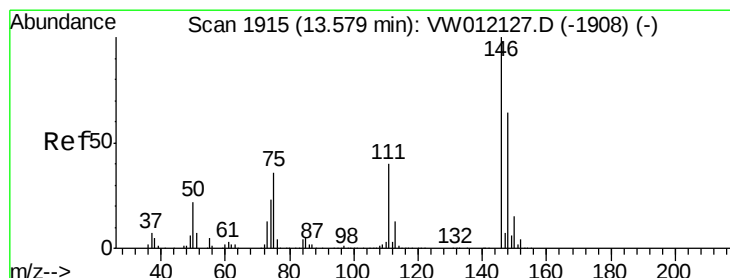
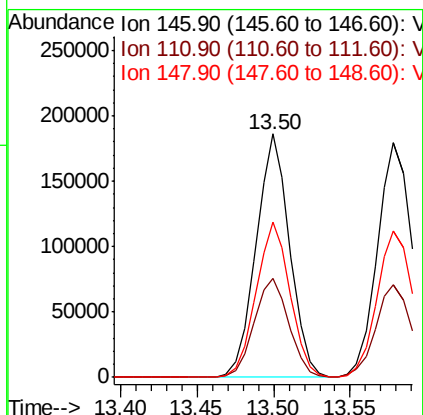
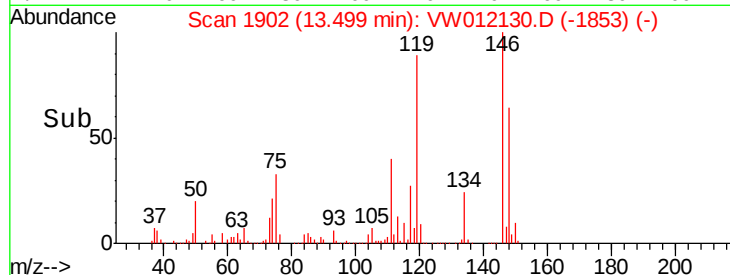
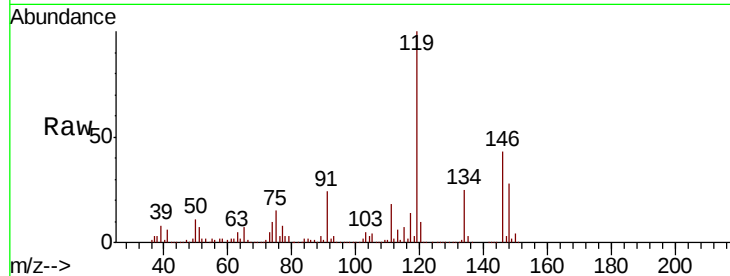




#87
 1,3-Dichlorobenzene
 Concen: 51.362 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

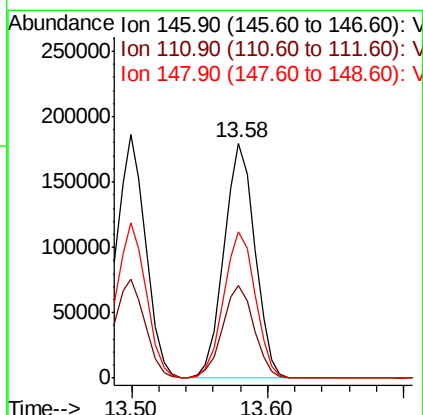
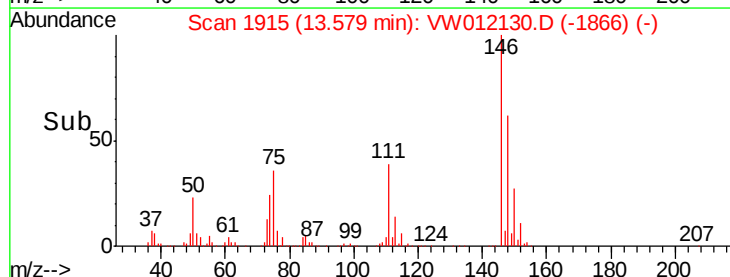
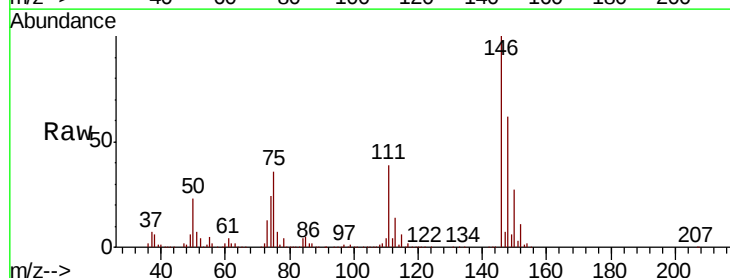
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

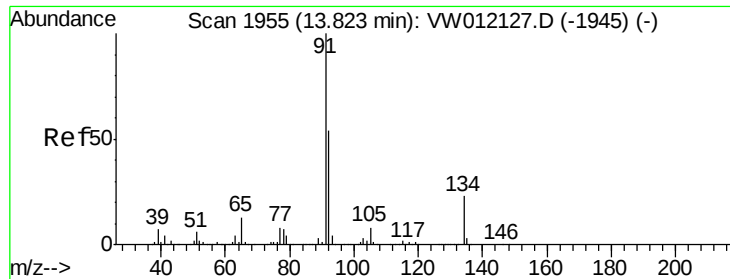
Tgt Ion:146 Resp: 284415
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 64.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.570 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion:146 Resp: 283546
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.7 32.1 96.3





#89

n-Butylbenzene

Concen: 54.722 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012130.D

Acq: 23 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

ICVW082319

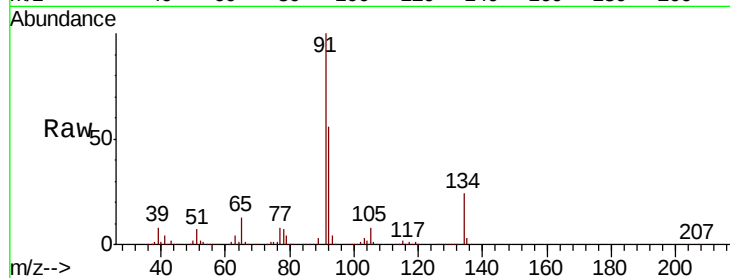
Tgt Ion: 91 Resp: 644924

Ion Ratio Lower Upper

91 100

92 54.9 27.1 81.2

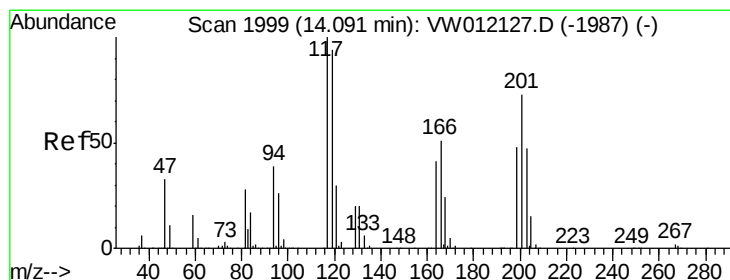
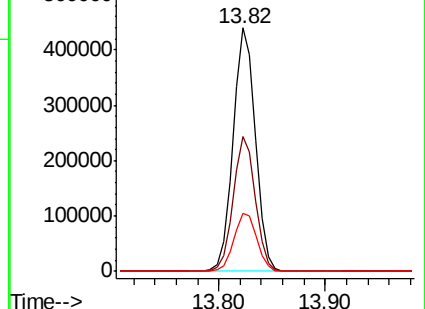
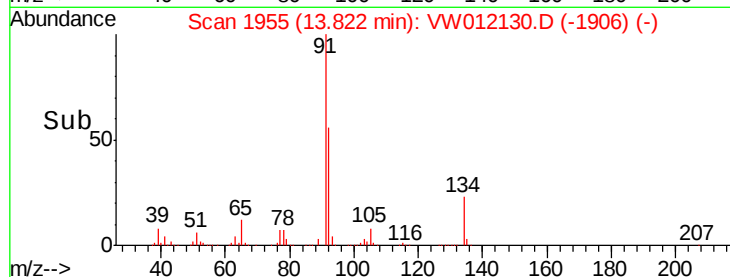
134 24.4 12.2 36.4



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: 53.320 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW012130.D

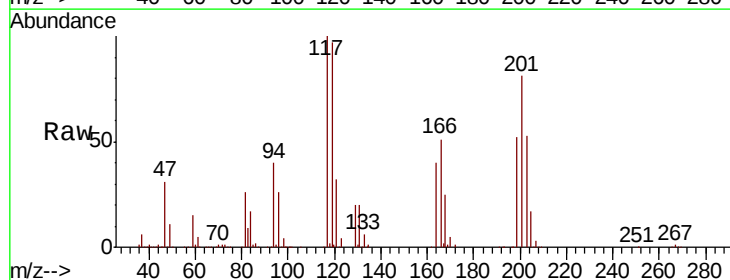
Acq: 23 Aug 2019 13:41

Tgt Ion: 117 Resp: 110866

Ion Ratio Lower Upper

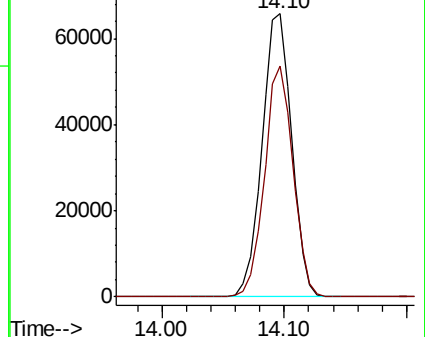
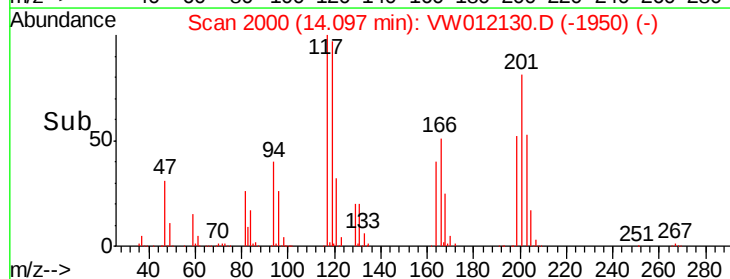
117 100

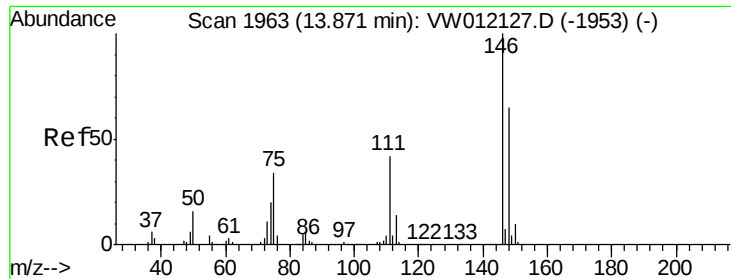
201 78.5 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

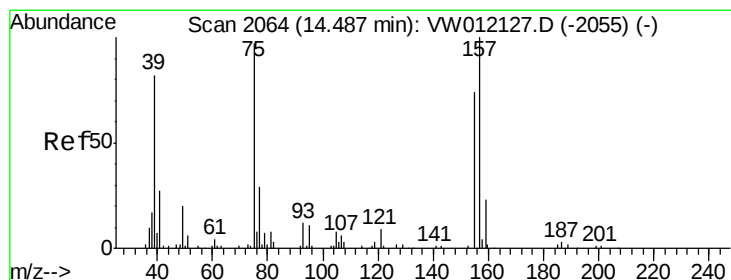
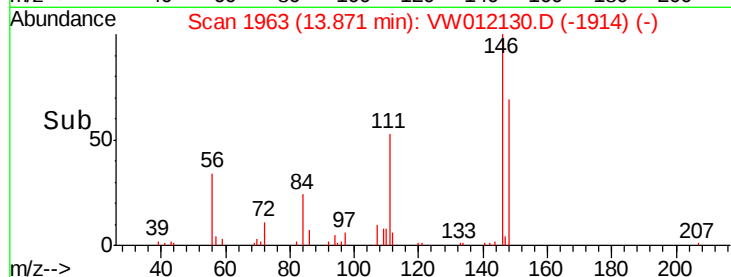
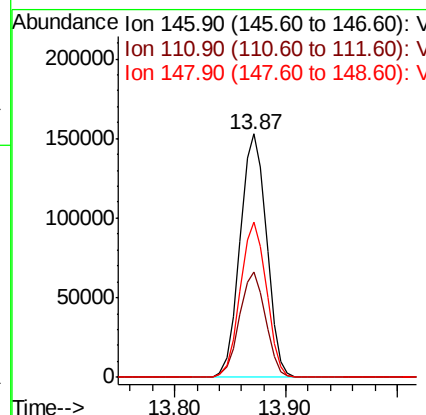
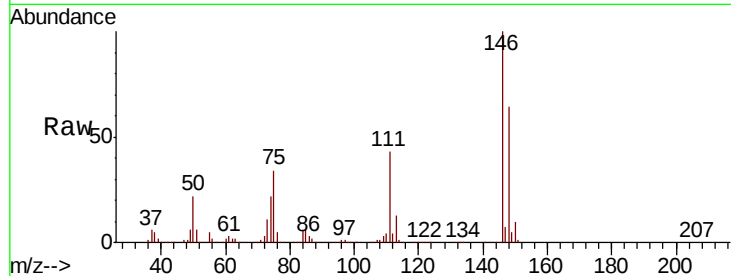




#91
 1,2-Dichlorobenzene
 Concen: 51.825 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

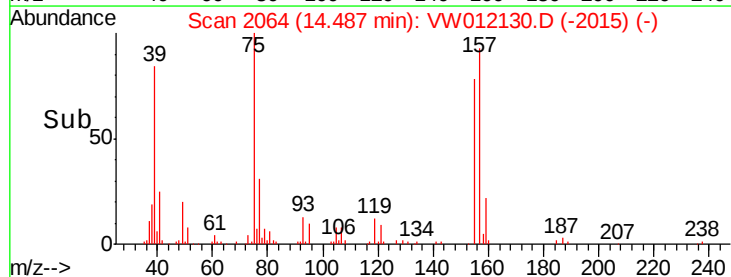
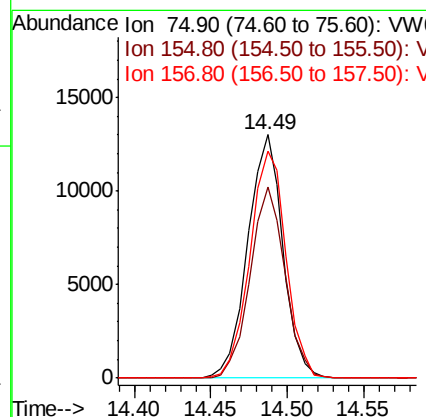
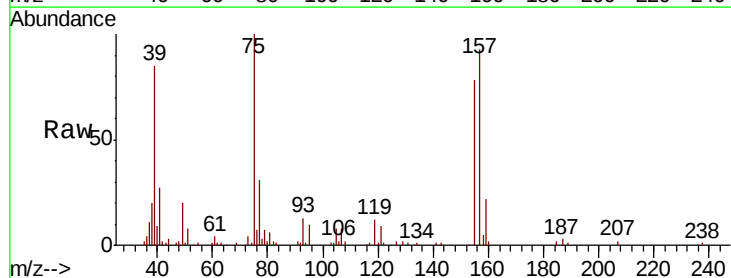
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082319

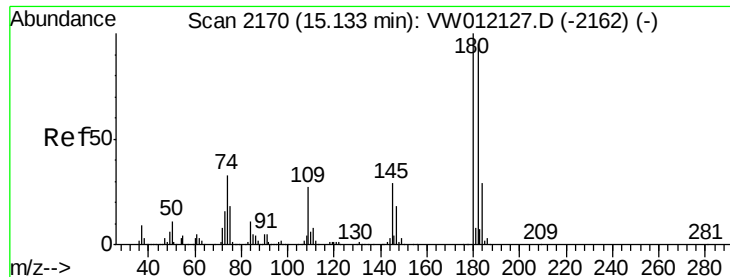
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	63.0	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.302 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	37.5	112.3
157	96.0	50.5	151.5

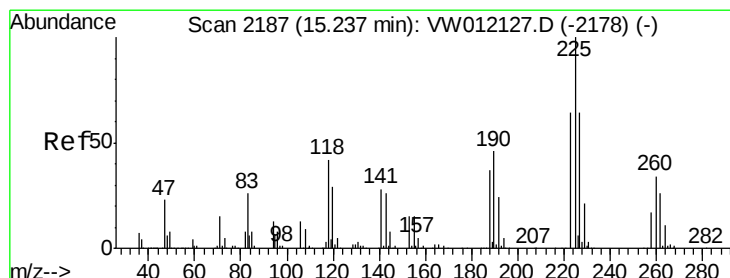
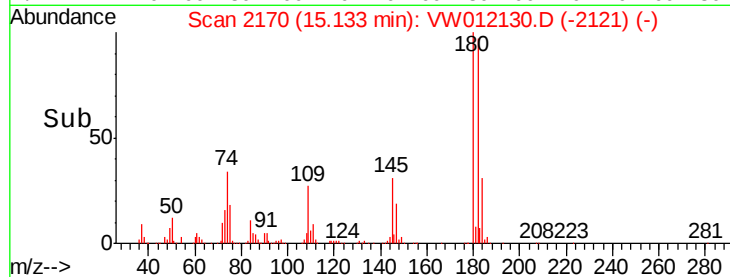
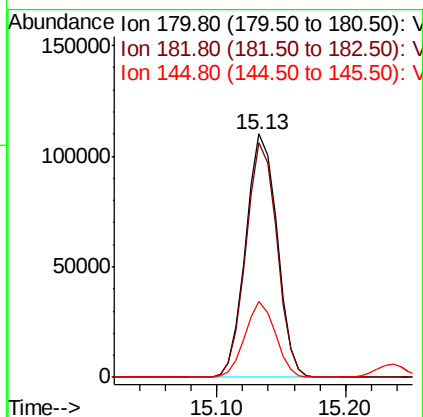
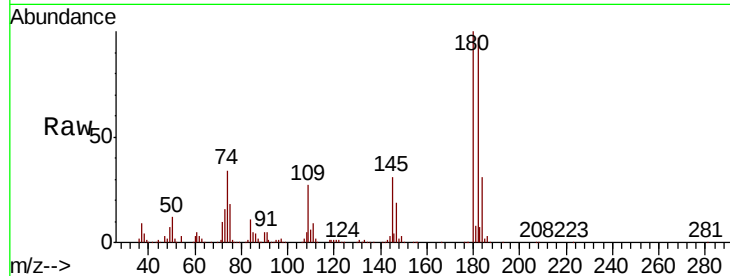




#93
 1,2,4-Trichlorobenzene
 Concen: 55.201 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

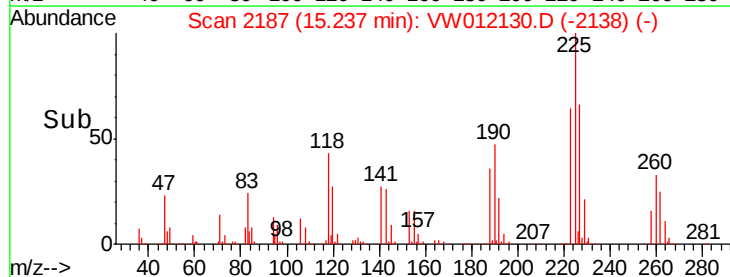
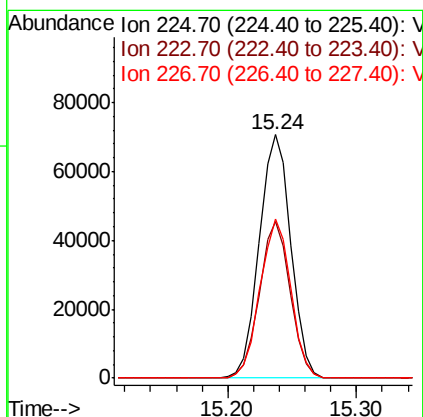
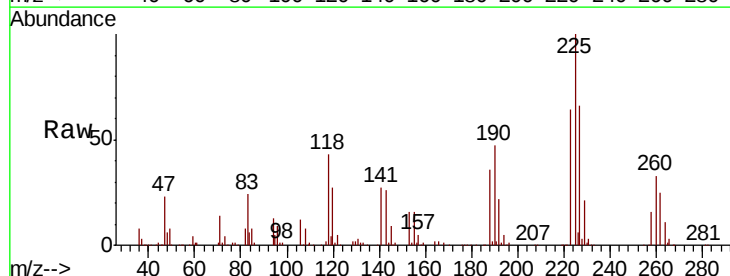
Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW082319

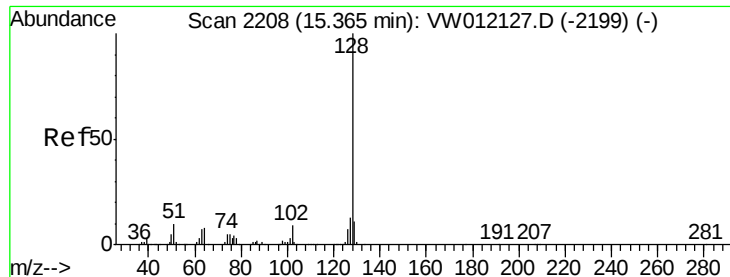
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	30.4	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 53.884 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012130.D
 Acq: 23 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.3	96.8
227	64.1	32.9	98.6

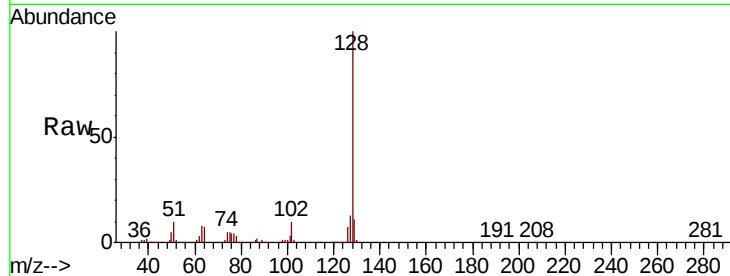




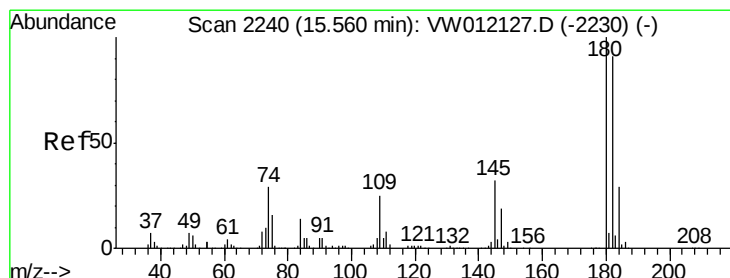
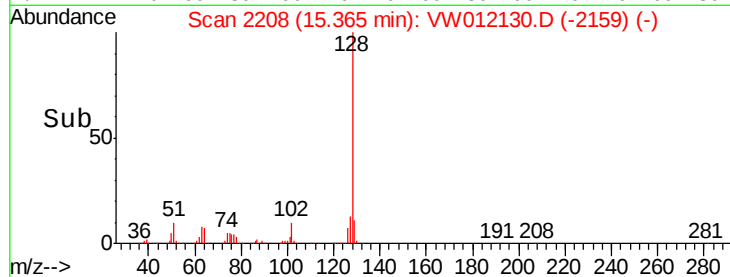
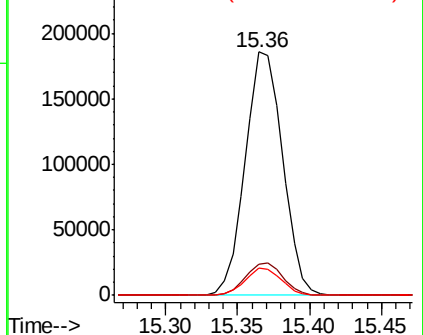
#95
Naphthalene
Concen: 50.649 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
ICVW082319

Tgt Ion:128 Resp: 334052
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 8.7 13.1

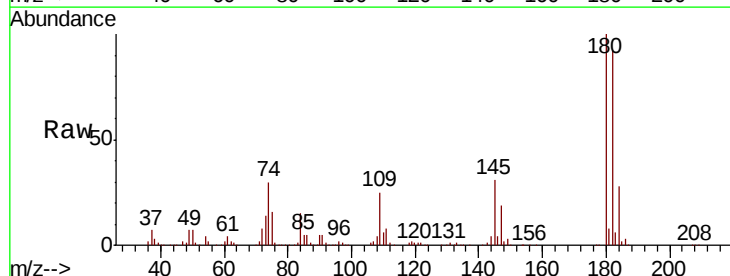


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 55.322 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012130.D
Acq: 23 Aug 2019 13:41

Tgt Ion:180 Resp: 162034
Ion Ratio Lower Upper
180 100
182 95.3 47.1 141.3
145 31.9 16.2 48.5



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

