

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012631.D
 Acq On : 05 Sep 2019 10:37
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 15:45:51 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	241658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	142915	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.88	113	111849	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.32	98	438942	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.62	95	156760	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82880	55.700	ug/l	98
3) Chloromethane	2.21	50	105896	45.936	ug/l	98
4) Vinyl Chloride	2.36	62	126593	44.866	ug/l	100
5) Bromomethane	2.78	94	69115	48.367	ug/l	100
6) Chloroethane	2.92	64	74423	46.756	ug/l	98
7) Trichlorofluoromethane	3.26	101	80169	56.584	ug/l	98
8) Diethyl Ether	3.68	74	60647	45.097	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	115847	48.104	ug/l	96
10) Methyl Iodide	4.27	142	157638	48.378	ug/l	97
11) Tert butyl alcohol	5.15	59	47449	274.464	ug/l	98
12) 1,1-Dichloroethene	4.04	96	113101	46.660	ug/l	98
13) Acrolein	3.89	56	41889	257.407	ug/l	98
14) Allyl chloride	4.67	41	257177	49.629	ug/l	97
15) Acrylonitrile	5.36	53	171850	257.810	ug/l	100
16) Acetone	4.12	43	186643	254.168	ug/l	95
17) Carbon Disulfide	4.38	76	327354	44.686	ug/l	98
18) Methyl Acetate	4.66	43	87426	48.068	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	212060	54.098	ug/l	100
20) Methylene Chloride	4.91	84	130997	47.188	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	129177	49.697	ug/l	98
22) Diisopropyl ether	6.31	45	475638	49.518	ug/l	99
23) Vinyl Acetate	6.25	43	1524323	257.866	ug/l	99
24) 1,1-Dichloroethane	6.21	63	263545	50.391	ug/l	99
25) 2-Butanone	7.16	43	256285	256.833	ug/l	98
26) 2,2-Dichloropropane	7.16	77	161739	54.637	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	140513	50.596	ug/l	98
28) Bromochloromethane	7.51	49	105378	46.229	ug/l	96
29) Tetrahydrofuran	7.52	42	153612	256.585	ug/l	98
30) Chloroform	7.67	83	248969	52.032	ug/l	98
31) Cyclohexane	7.95	56	232556	44.944	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	208810	55.165	ug/l	99
36) 1,1-Dichloropropene	8.08	75	204750	54.489	ug/l	100
37) Ethyl Acetate	7.25	43	107112	52.018	ug/l	99
38) Carbon Tetrachloride	8.07	117	188989	58.109	ug/l	97

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 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)
39) Methylcyclohexane	9.34	83	218725	51.814	ug/l	98
40) Benzene	8.32	78	539581	52.589	ug/l	100
41) Methacrylonitrile	7.48	41	62659	51.775	ug/l	95
42) 1,2-Dichloroethane	8.40	62	181344	56.393	ug/l	100
43) Isopropyl Acetate	8.42	43	207479	54.397	ug/l	99
44) Trichloroethene	9.09	130	136995	54.924	ug/l	95
45) 1,2-Dichloropropane	9.37	63	142915	51.755	ug/l	98
46) Dibromomethane	9.46	93	66704	54.292	ug/l	97
47) Bromodichloromethane	9.64	83	182772	55.895	ug/l	96
48) Methyl methacrylate	9.43	41	100725	55.486	ug/l	96
49) 1,4-Dioxane	9.45	88	20329	1080.822	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	534459	275.497	ug/l	99
52) Toluene	10.38	92	333878	54.167	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	188349	56.548	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	219069	54.471	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	95367	54.861	ug/l	98
56) Ethyl methacrylate	10.65	69	143711	56.803	ug/l	99
57) 1,3-Dichloropropane	10.93	76	179410	54.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	351086	270.388	ug/l	99
59) 2-Hexanone	10.97	43	388219	282.822	ug/l	99
60) Dibromochloromethane	11.13	129	111686	57.683	ug/l	99
61) 1,2-Dibromoethane	11.24	107	90201	55.697	ug/l	100
64) Tetrachloroethene	10.86	164	112597	55.274	ug/l	98
65) Chlorobenzene	11.66	112	333374	53.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	123531	57.233	ug/l	98
67) Ethyl Benzene	11.73	91	656521	55.086	ug/l	99
68) m/p-Xylenes	11.84	106	470665	109.634	ug/l	98
69) o-Xylene	12.16	106	219660	55.283	ug/l	100
70) Styrene	12.18	104	382335	55.592	ug/l	99
71) Bromoform	12.35	173	63969	59.486	ug/l #	100
73) Isopropylbenzene	12.46	105	628591	53.706	ug/l	99
74) N-amyl acetate	12.27	43	192527	54.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	112346	52.358	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	154322	101.442	ug/l #	100
77) Bromobenzene	12.74	156	138385	54.652	ug/l	95
78) n-propylbenzene	12.80	91	770538	53.927	ug/l	99
79) 2-Chlorotoluene	12.89	91	429673	52.966	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	538053	55.015	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38002	54.770	ug/l	97
82) 4-Chlorotoluene	12.99	91	456254	53.714	ug/l	100
83) tert-Butylbenzene	13.21	119	460363	55.569	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	537809	54.742	ug/l	99
85) sec-Butylbenzene	13.38	105	648729	54.657	ug/l	100
86) p-Isopropyltoluene	13.50	119	590790	55.736	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	271922	54.904	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	264899	53.867	ug/l	99
89) n-Butylbenzene	13.82	91	584669	55.467	ug/l	100
90) Hexachloroethane	14.09	117	101705	54.689	ug/l	90
91) 1,2-Dichlorobenzene	13.87	146	244336	56.236	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20784	57.456	ug/l	97

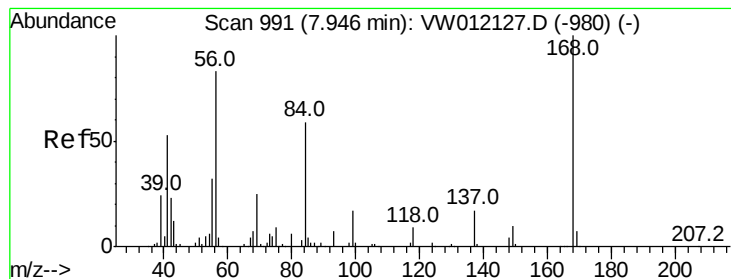
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	169968	56.608	ug/l	99
94) Hexachlorobutadiene	15.24	225	120662	60.862	ug/l	96
95) Naphthalene	15.36	128	305817	51.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	150101	57.299	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

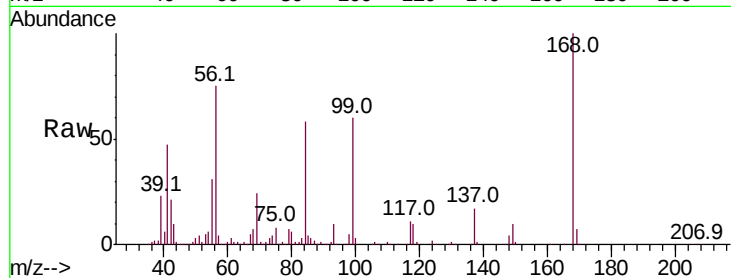
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 241658

Ion Ratio Lower Upper

168 100

99 60.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

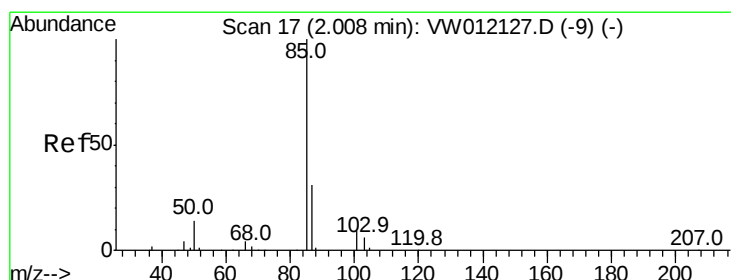
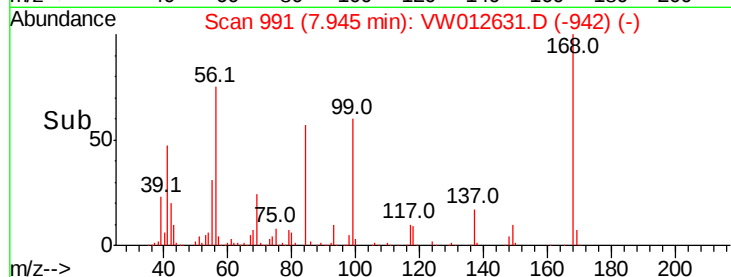
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.700 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012631.D

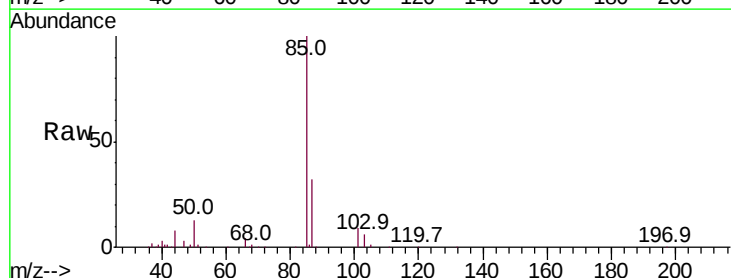
Acq: 05 Sep 2019 10:37

Tgt Ion: 85 Resp: 82880

Ion Ratio Lower Upper

85 100

87 32.0 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

25000

20000

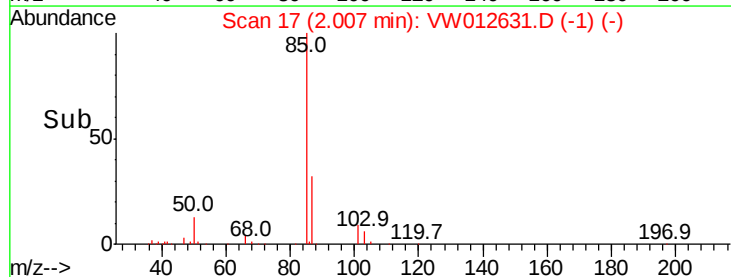
15000

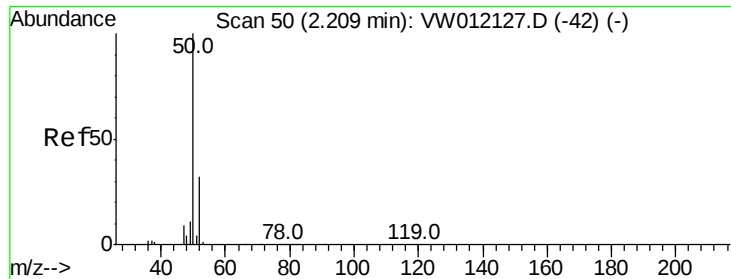
10000

5000

0

Time-->





#3

Chloromethane

Concen: 45.936 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

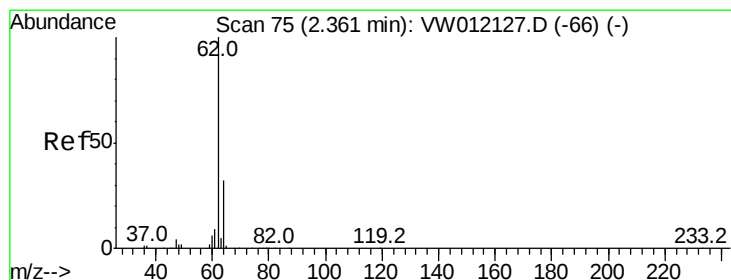
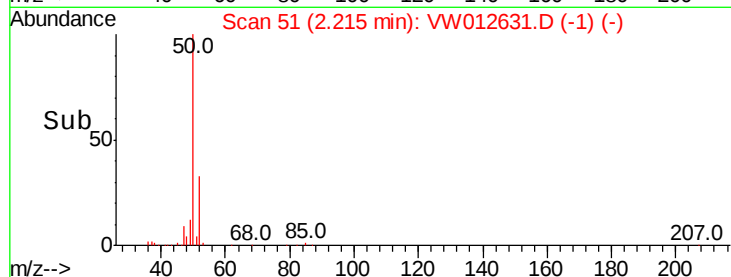
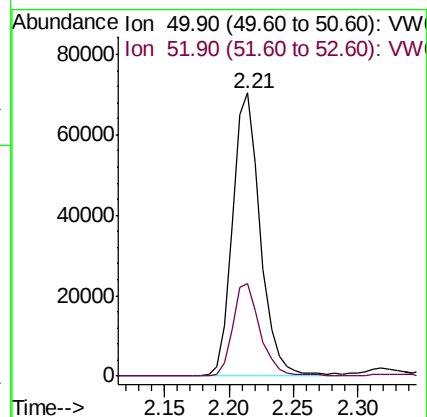
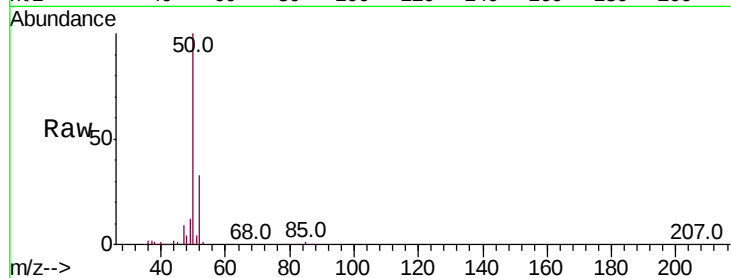
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 105896

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 44.866 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012631.D

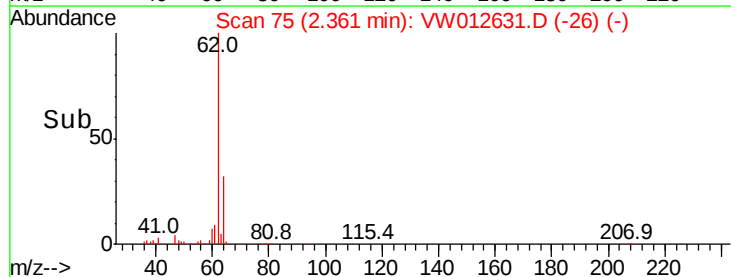
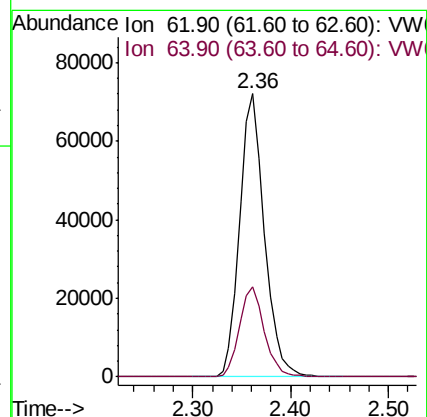
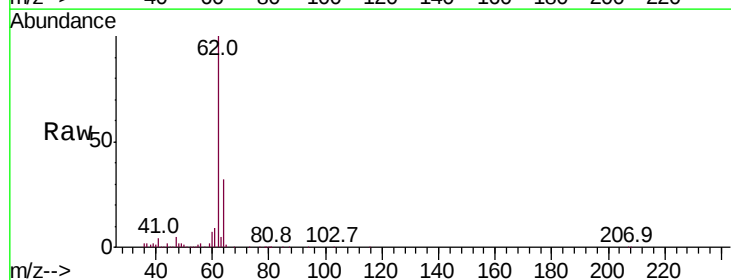
Acq: 05 Sep 2019 10:37

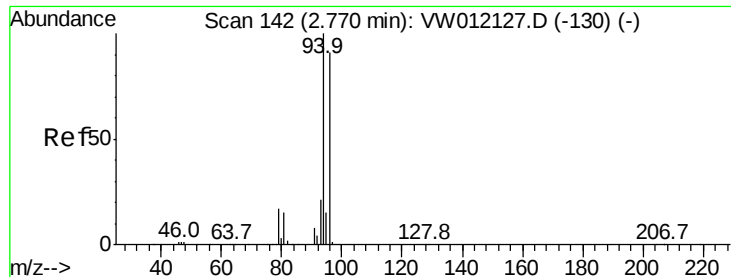
Tgt Ion: 62 Resp: 126593

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 48.367 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

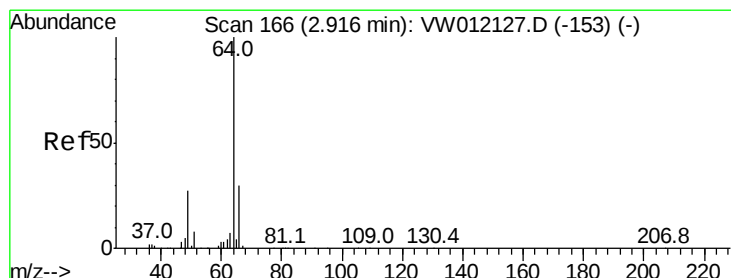
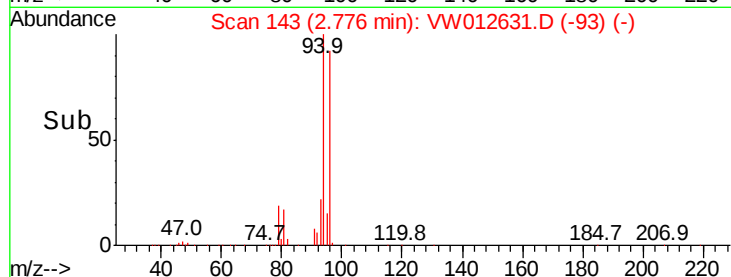
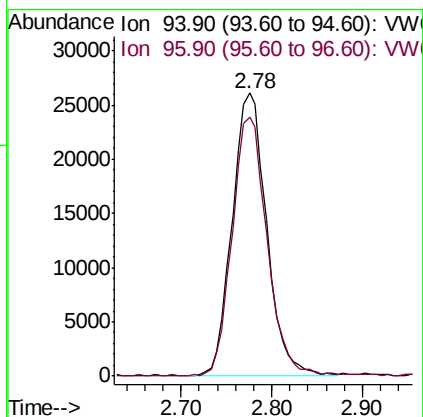
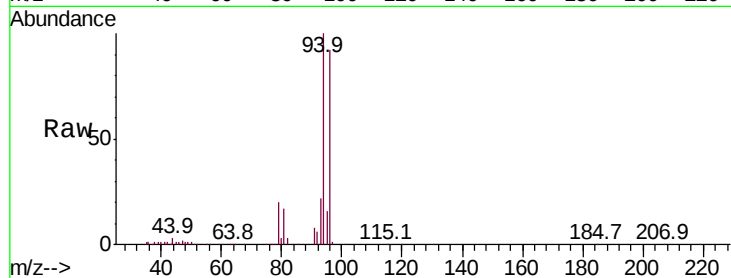
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 69115

Ion Ratio Lower Upper

94 100

96 91.5 72.9 109.3



#6

Chloroethane

Concen: 46.756 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012631.D

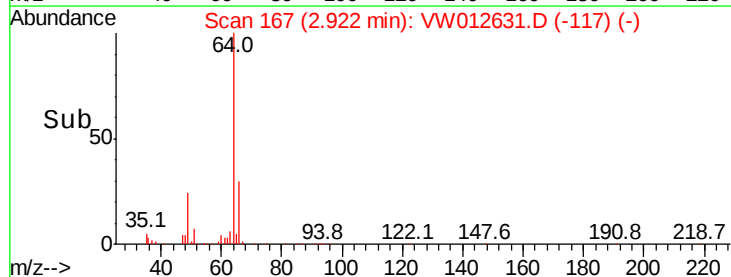
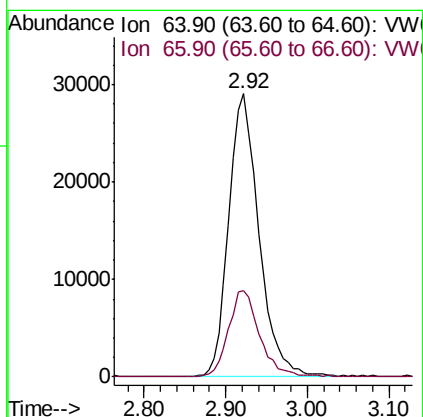
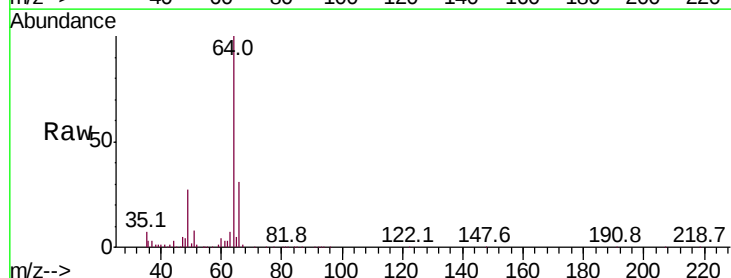
Acq: 05 Sep 2019 10:37

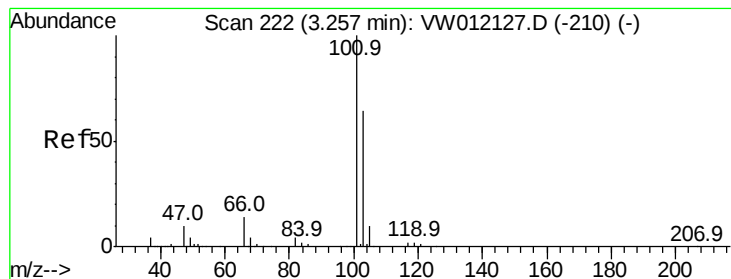
Tgt Ion: 64 Resp: 74423

Ion Ratio Lower Upper

64 100

66 30.6 23.8 35.8



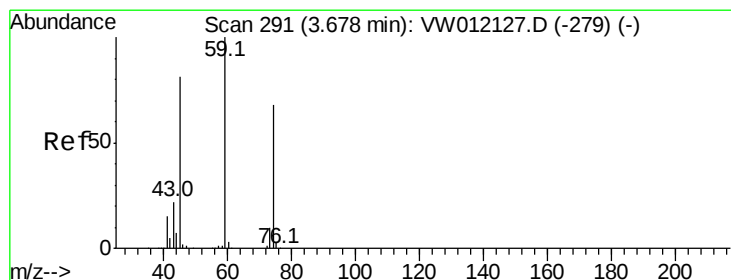
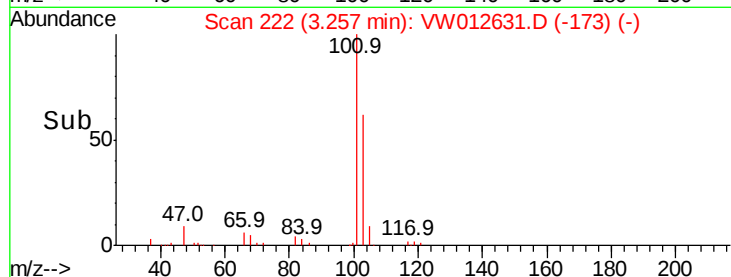
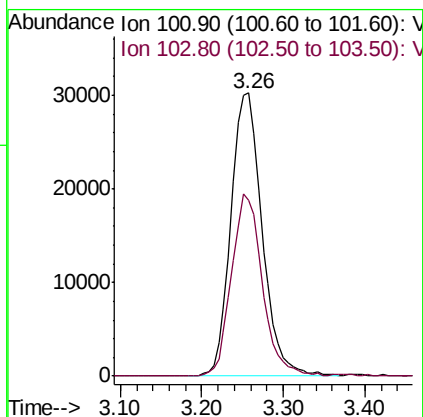
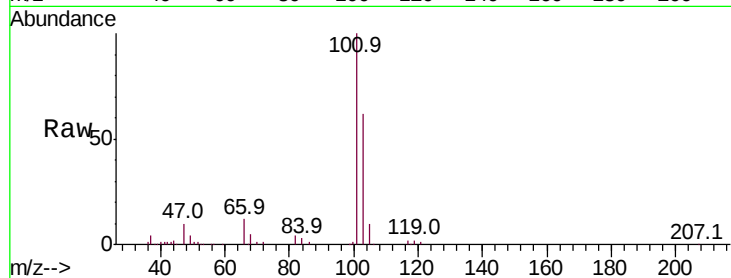


#7

Trichlorofluoromethane
 Concen: 56.584 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

Instrument :
 MSVOA_W
 ClientSampleId :

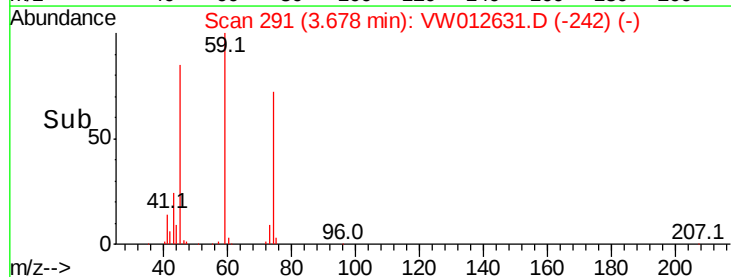
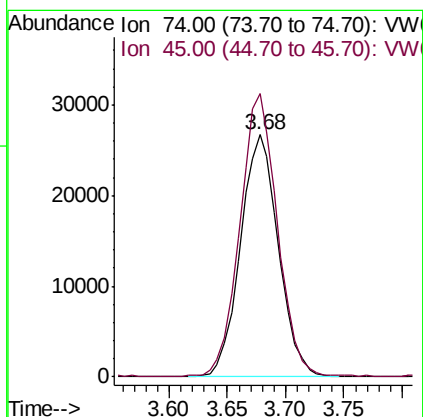
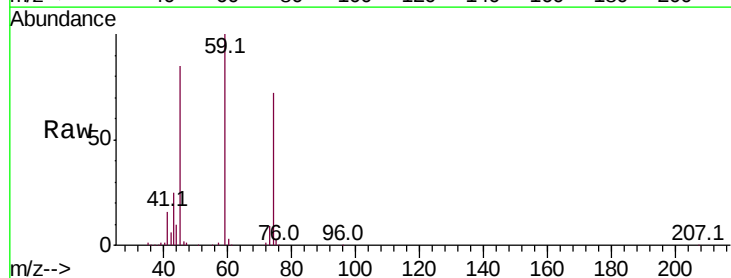
Tot Ion:101 Resp: 80169
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.2 76.8

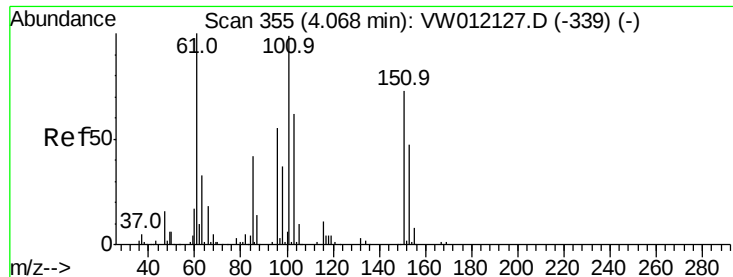


#8

Diethyl Ether
 Concen: 45.097 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

Tgt Ion: 74 Resp: 60647
 Ion Ratio Lower Upper
 74 100
 45 116.2 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.104 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampleId :

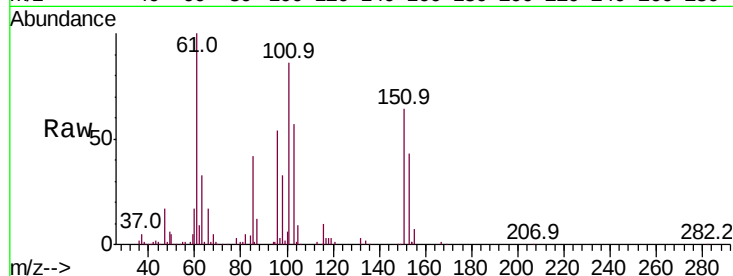
Tot Ion:101 Resp: 115847

Ion Ratio Lower Upper

101 100

85 45.8 35.8 53.6

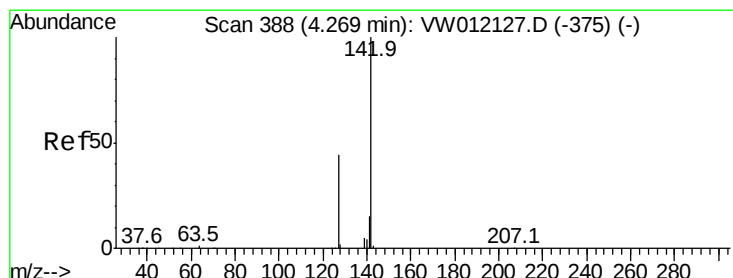
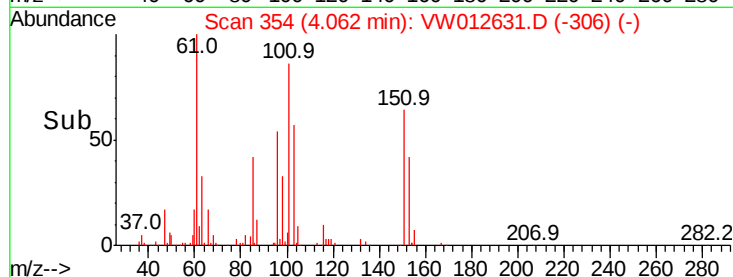
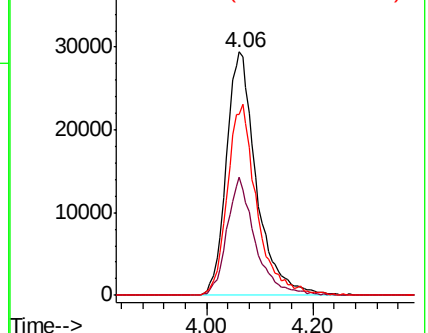
151 77.3 58.6 87.8



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: 48.378 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

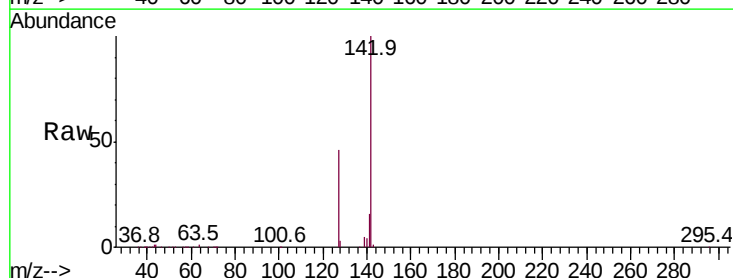
Tgt Ion:142 Resp: 157638

Ion Ratio Lower Upper

142 100

127 46.4 35.5 53.3

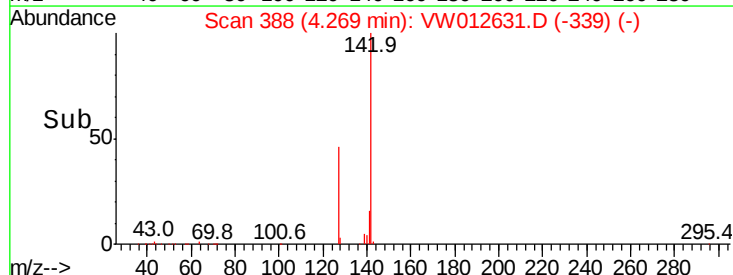
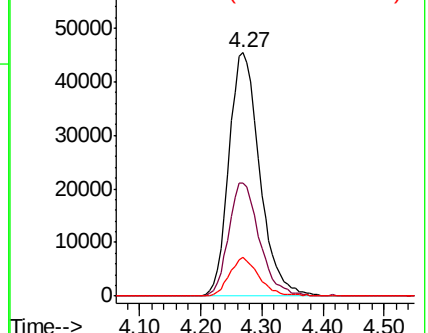
141 15.2 11.8 17.8

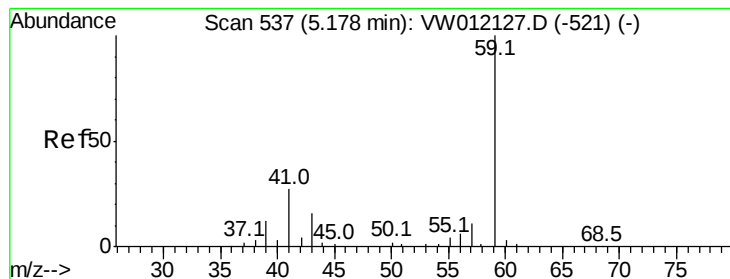


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



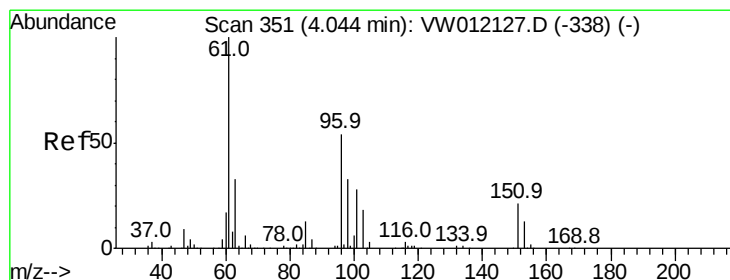
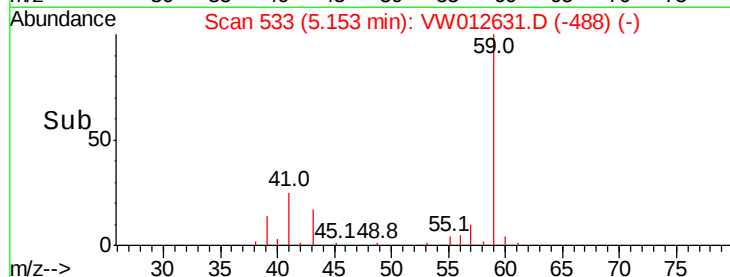
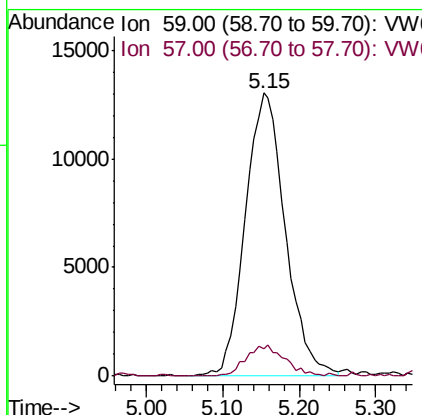
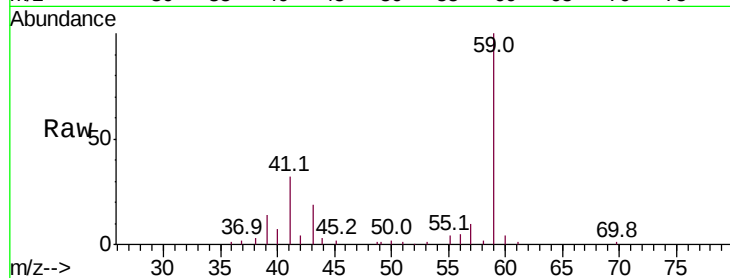


#11

Tert butyl alcohol
 Concen: 274.464 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

Instrument :
 MSVOA_W
 ClientSampleId :

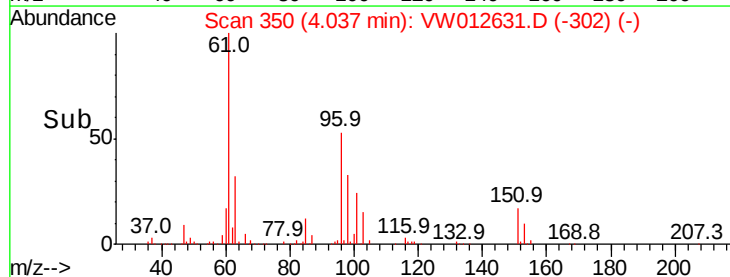
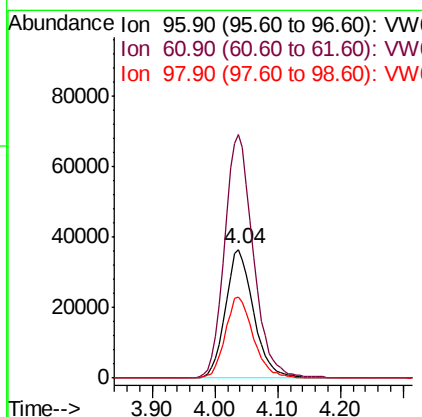
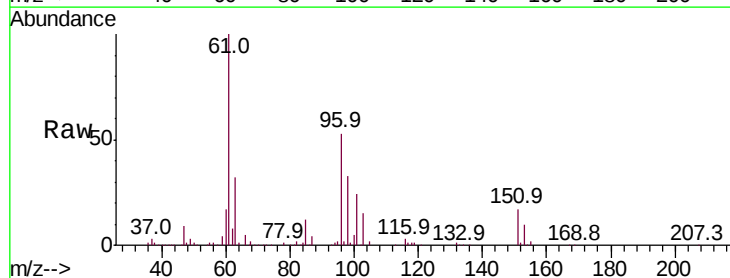
Tot Ion: 59 Resp: 47449
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.0 13.4

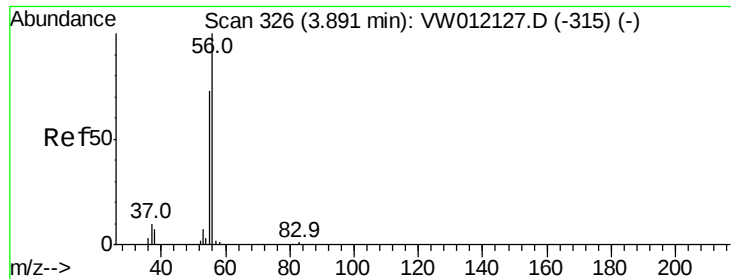


#12

1,1-Dichloroethene
 Concen: 46.660 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

Tgt Ion: 96 Resp: 113101
 Ion Ratio Lower Upper
 96 100
 61 189.1 149.1 223.7
 98 62.6 49.4 74.2





#13

Acrolein

Concen: 257.407 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

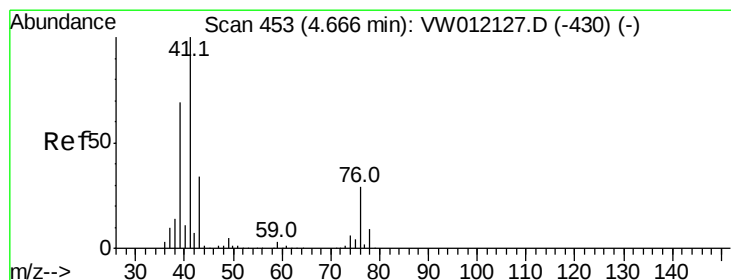
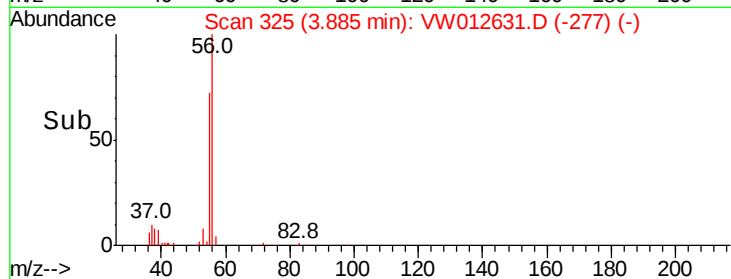
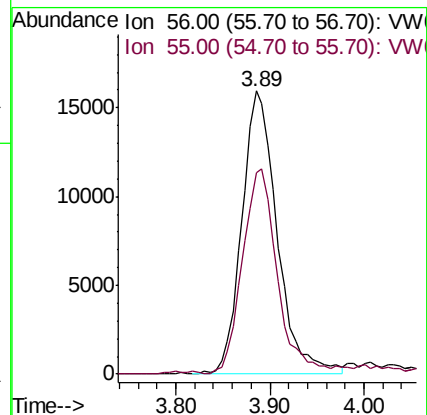
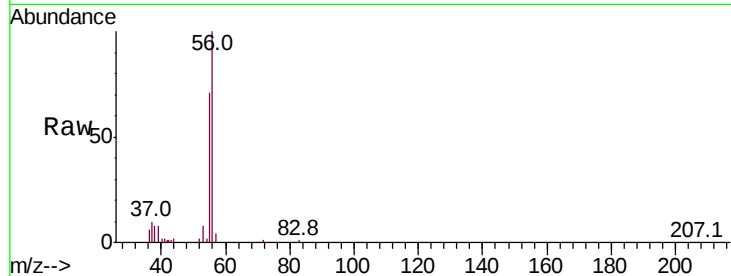
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 41889

Ion Ratio Lower Upper

56 100

55 71.2 55.8 83.8



#14

Allyl chloride

Concen: 49.629 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

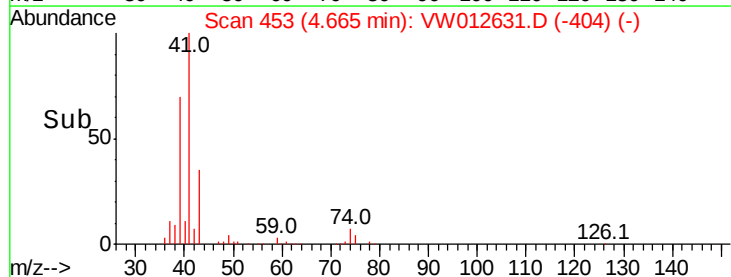
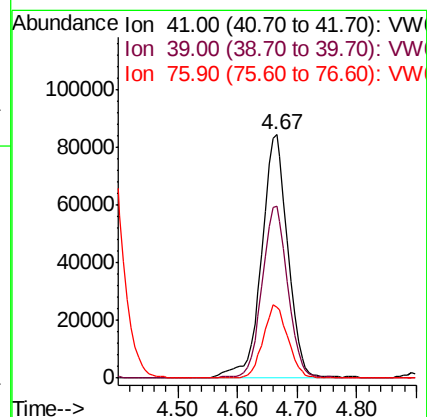
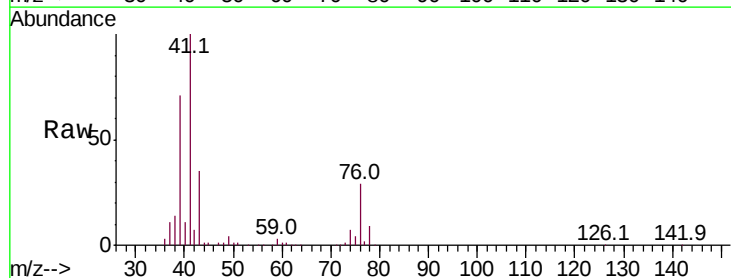
Tgt Ion: 41 Resp: 257177

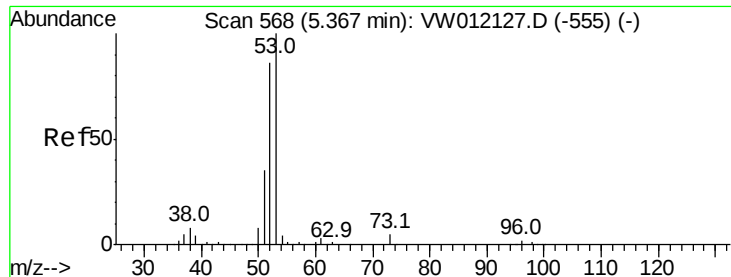
Ion Ratio Lower Upper

41 100

39 69.4 53.4 80.2

76 28.2 22.1 33.1





#15

Acrylonitrile

Concen: 257.810 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

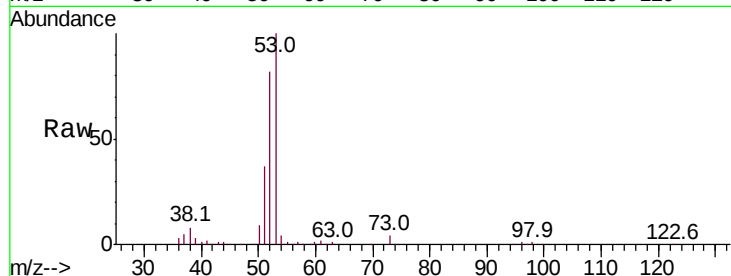
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 53 Resp: 171850

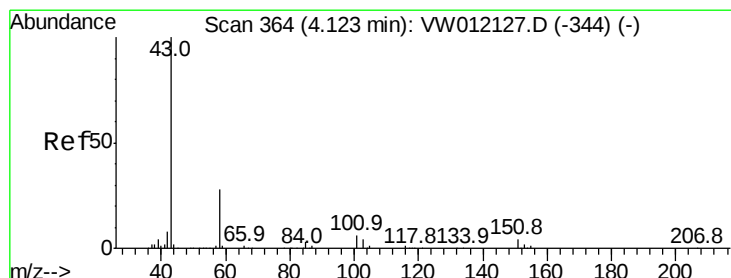
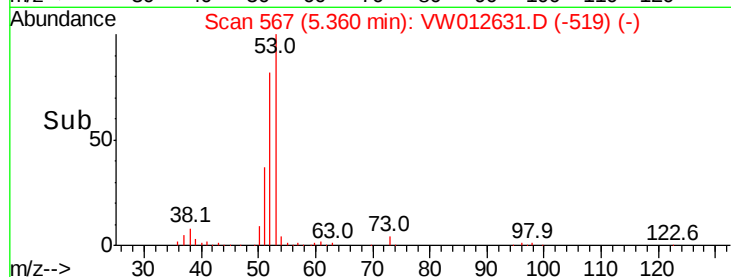
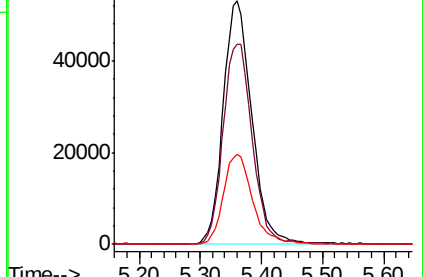
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.7	100.1
51	37.7	30.1	45.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 254.168 ug/l

RT: 4.12 min Scan# 363

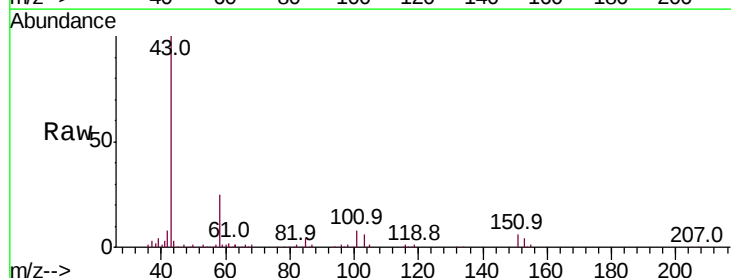
Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

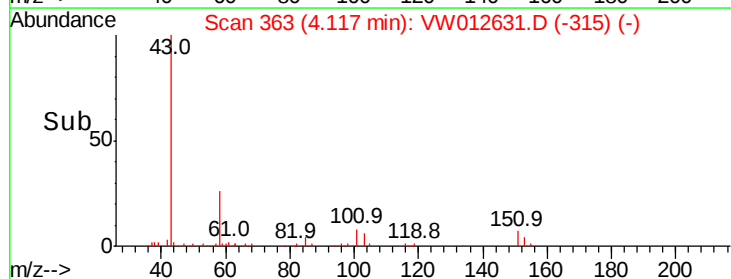
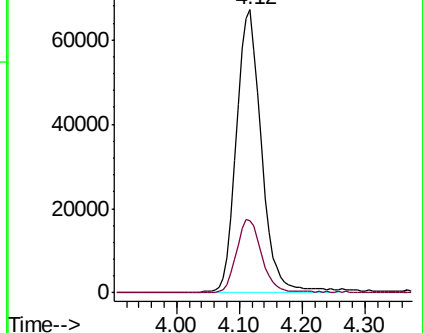
Tgt Ion: 43 Resp: 186643

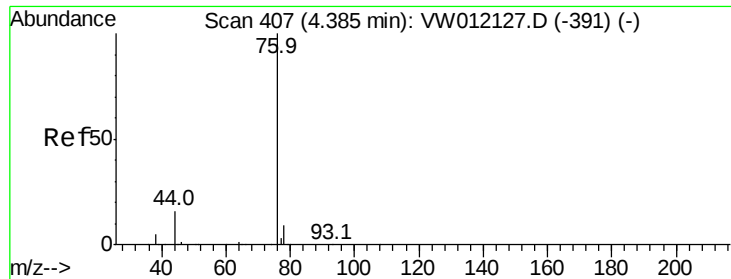
Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.4	33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

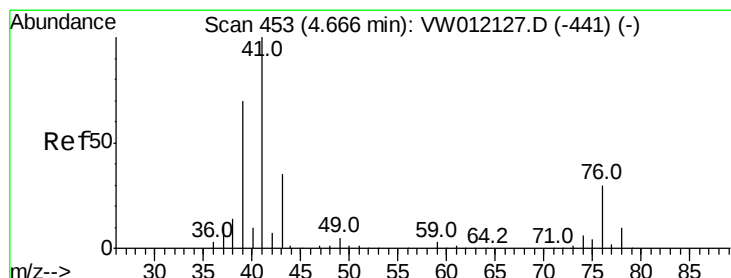
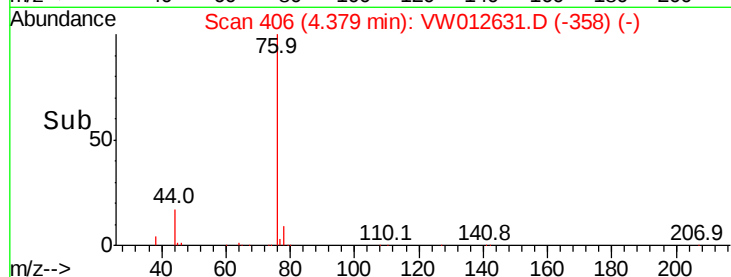
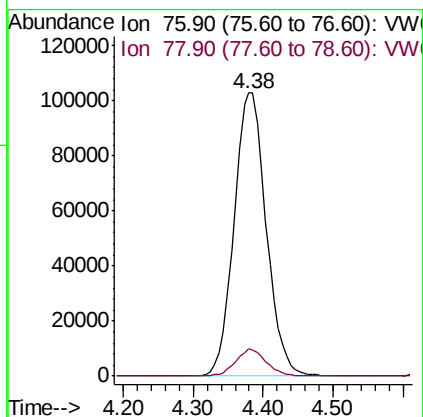
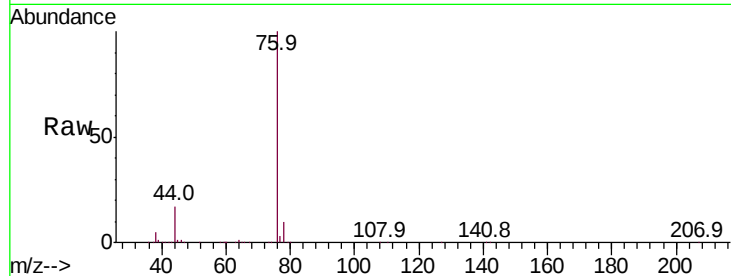




#17
Carbon Disulfide
Concen: 44.686 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

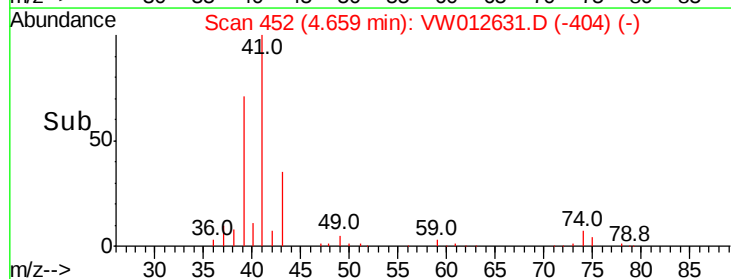
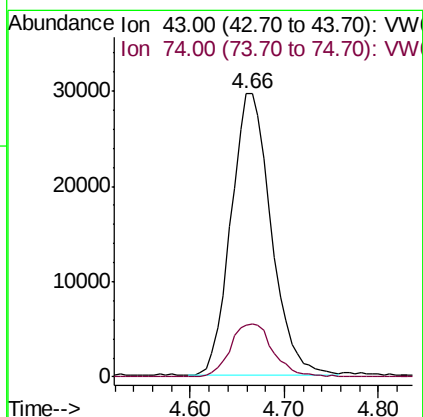
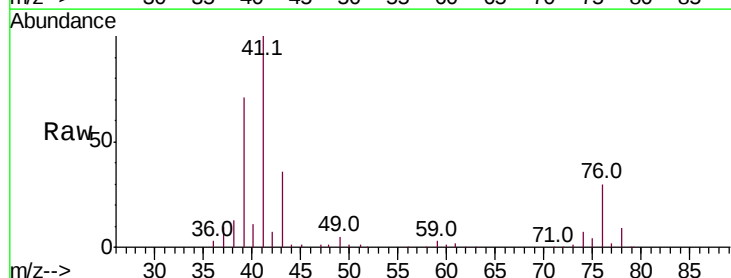
Instrument :
MSVOA_W
ClientSampleId :

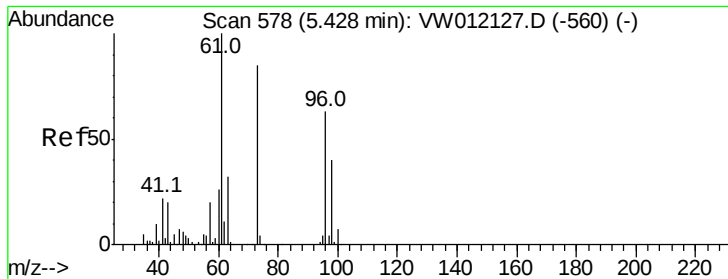
Tot Ion: 76 Resp: 327354
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 48.068 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion: 43 Resp: 87426
Ion Ratio Lower Upper
43 100
74 20.0 15.7 23.5

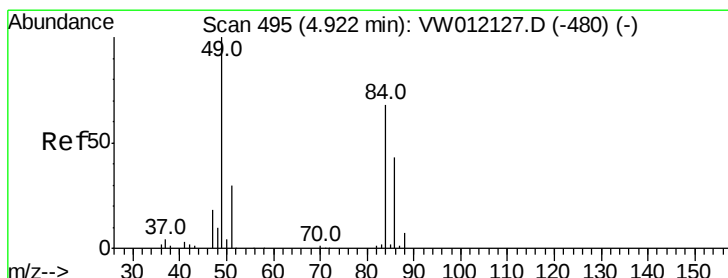
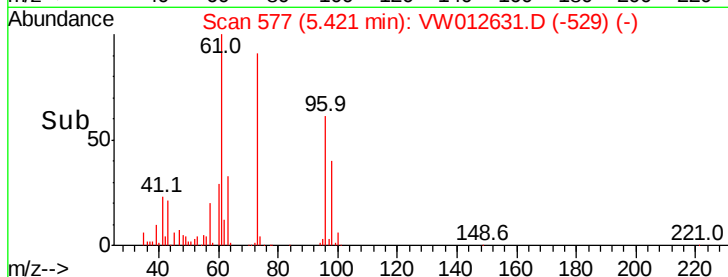
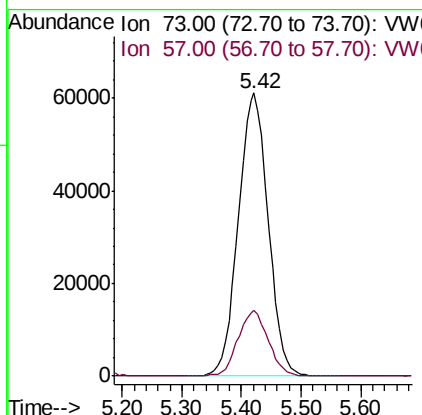
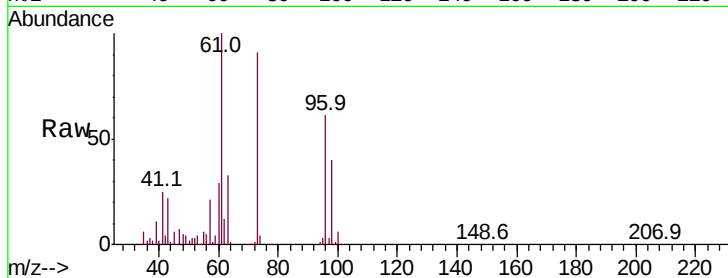




#19
Methvl tert-butvl Ether
Concen: 54.098 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

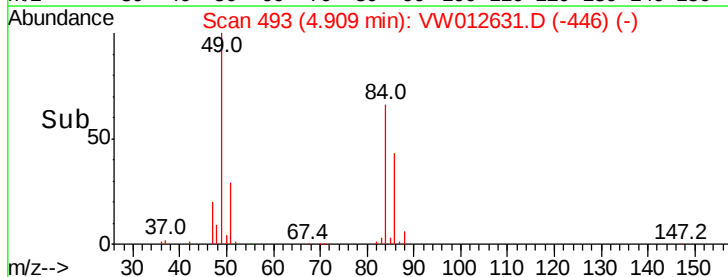
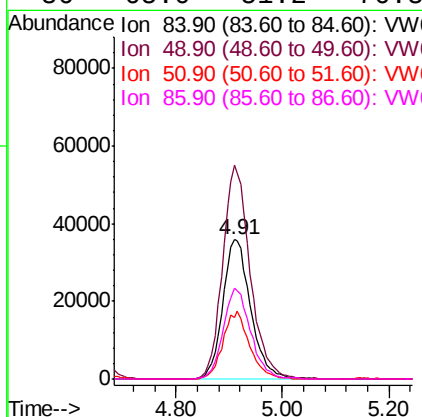
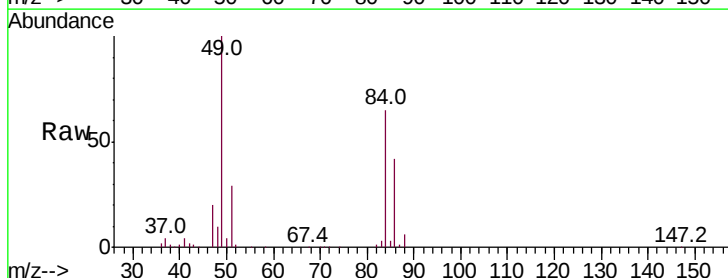
Instrument :
MSVOA_W
ClientSampleId :

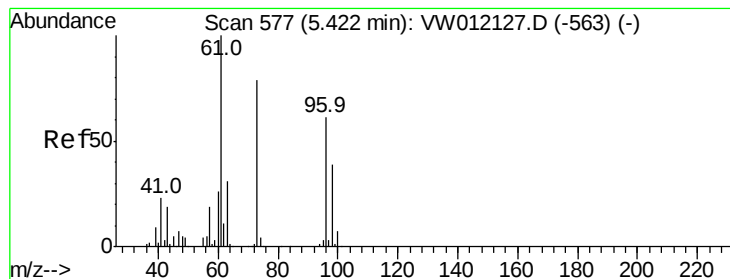
Tot Ion: 73 Resp: 212060
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3



#20
Methylene Chloride
Concen: 47.188 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion: 84 Resp: 130997
Ion Ratio Lower Upper
84 100
49 153.5 117.8 176.8
51 44.3 35.6 53.4
86 65.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.697 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampled :

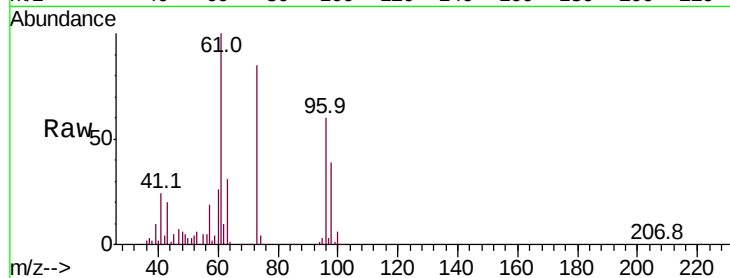
Tot Ion: 96 Resp: 129177

Ion Ratio Lower Upper

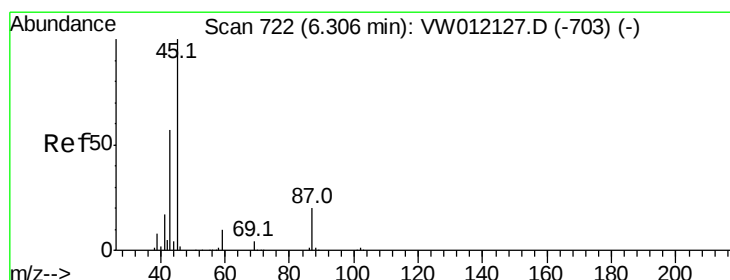
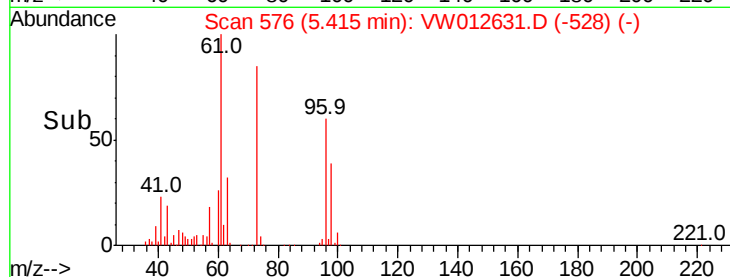
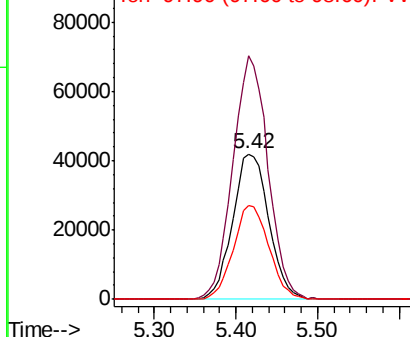
96 100

61 167.3 131.4 197.0

98 64.3 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: 49.518 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Tgt Ion: 45 Resp: 475638

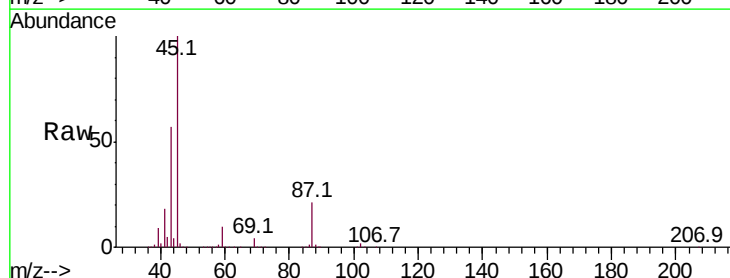
Ion Ratio Lower Upper

45 100

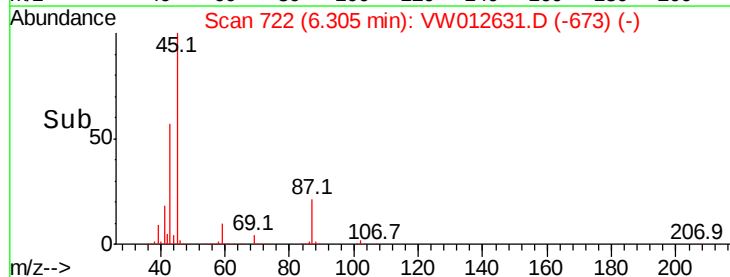
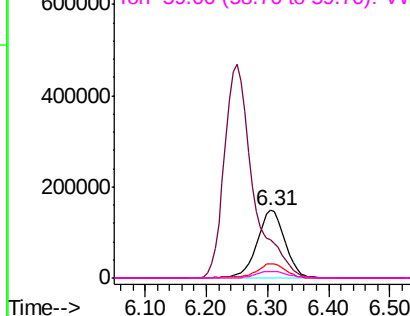
43 56.7 45.5 68.3

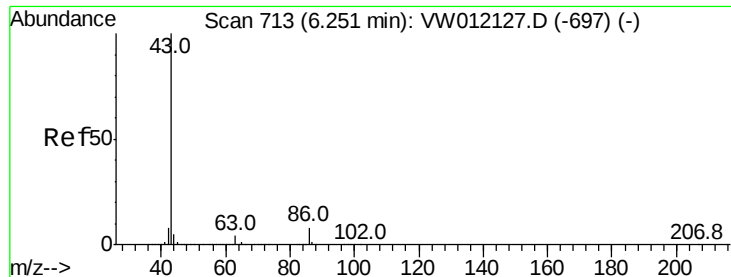
87 21.2 16.1 24.1

59 10.3 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: 257.866 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

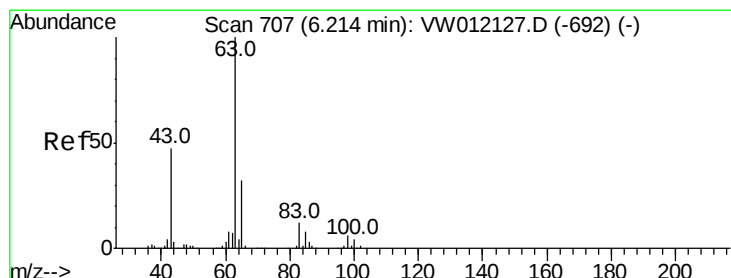
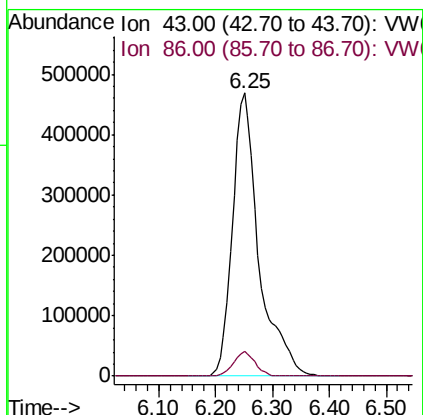
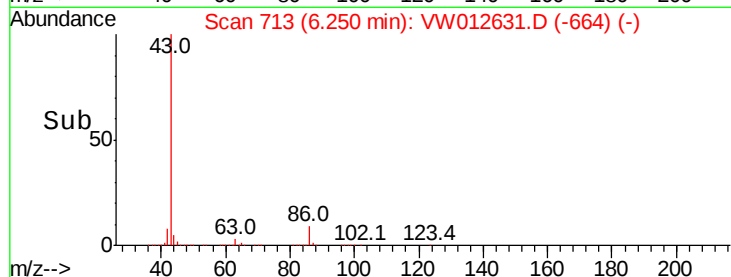
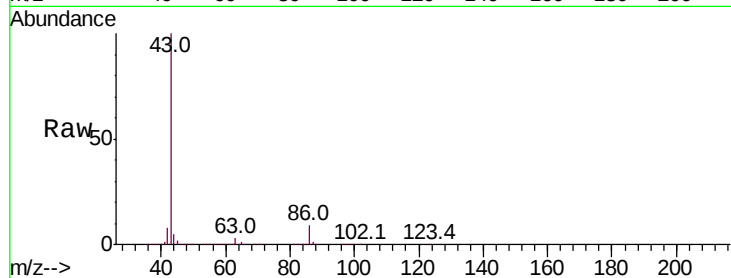
ClientSampled :

Tot Ion: 43 Resp: 1524323

Ion Ratio Lower Upper

43 100

86 8.6 6.5 9.7



#24

1,1-Dichloroethane

Concen: 50.391 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

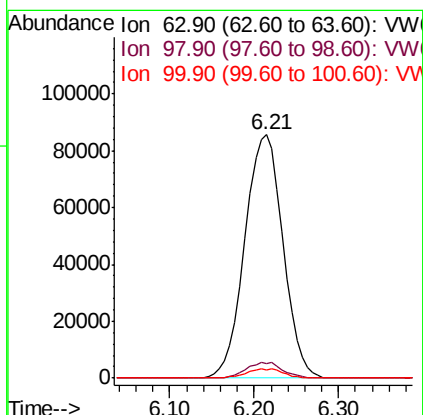
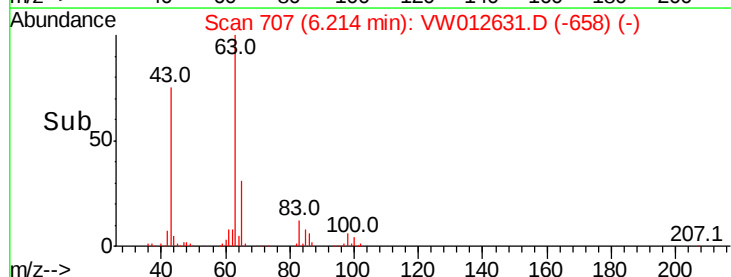
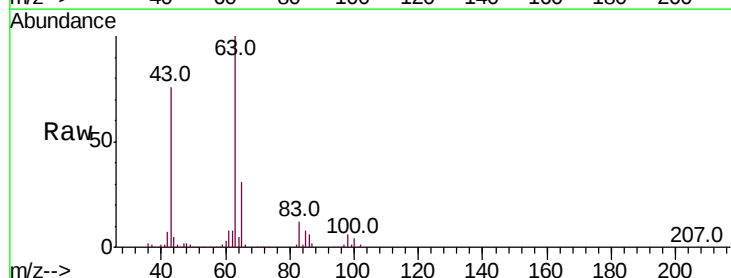
Tgt Ion: 63 Resp: 263545

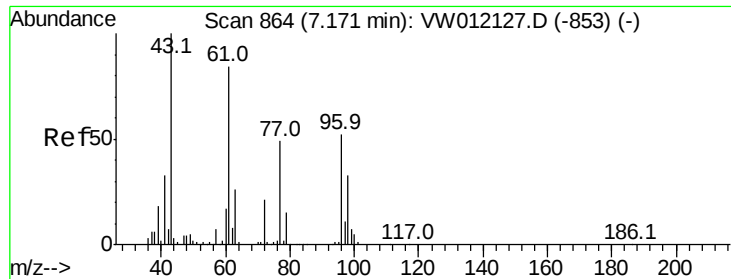
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 256.833 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

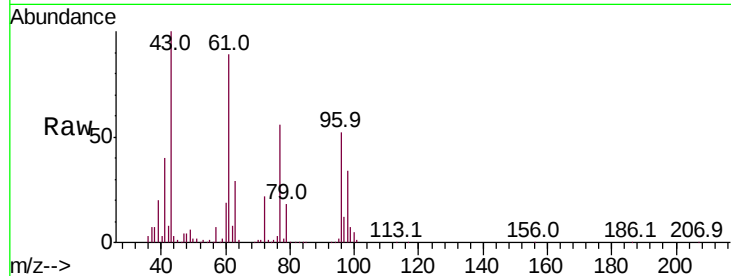
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 256285

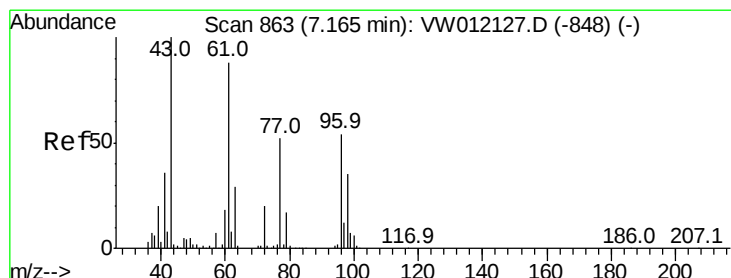
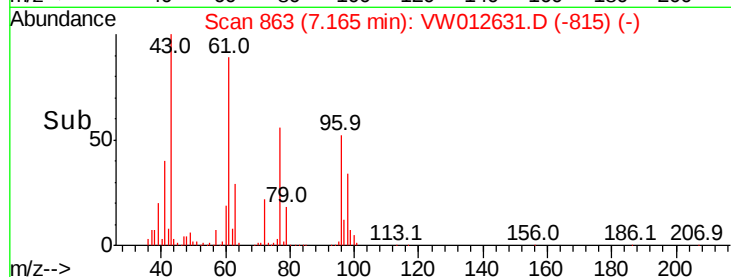
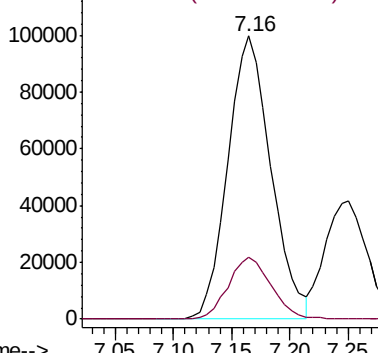
Ion Ratio Lower Upper

43 100

72 21.9 16.6 24.8



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



#26

2,2-Dichloropropane

Concen: 54.637 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012631.D

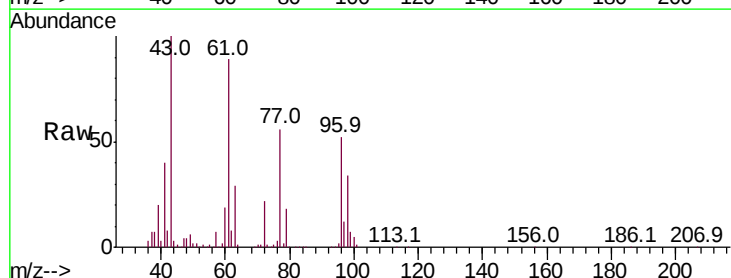
Acq: 05 Sep 2019 10:37

Tgt Ion: 77 Resp: 161739

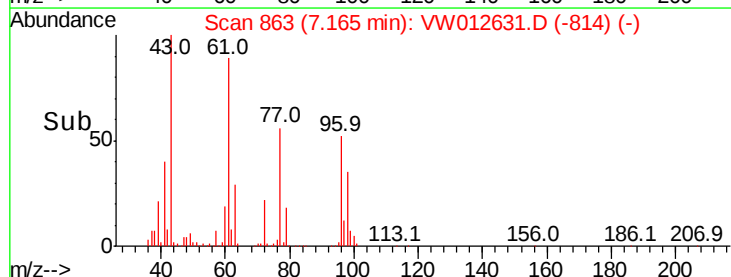
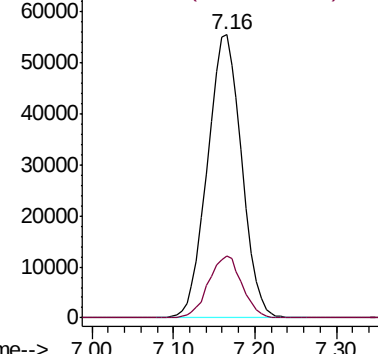
Ion Ratio Lower Upper

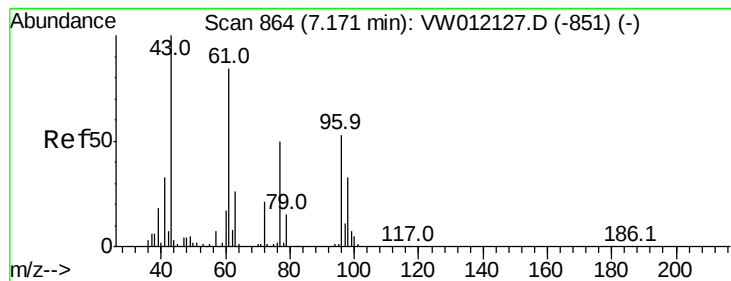
77 100

97 21.6 11.1 33.1



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



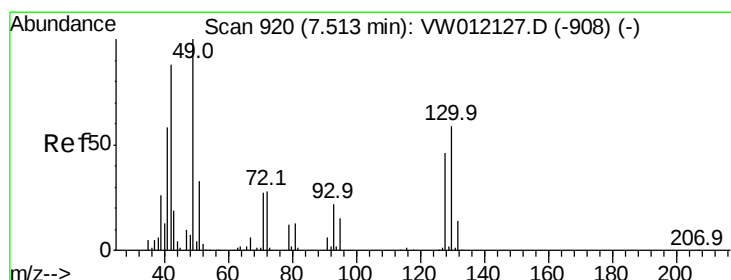
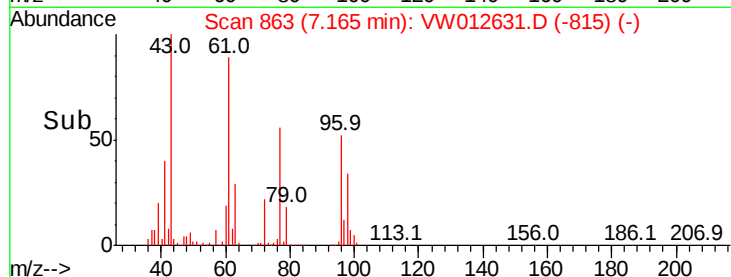
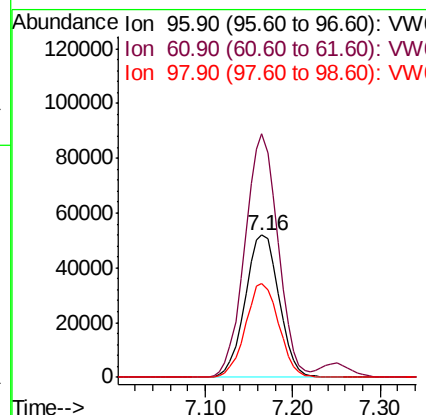
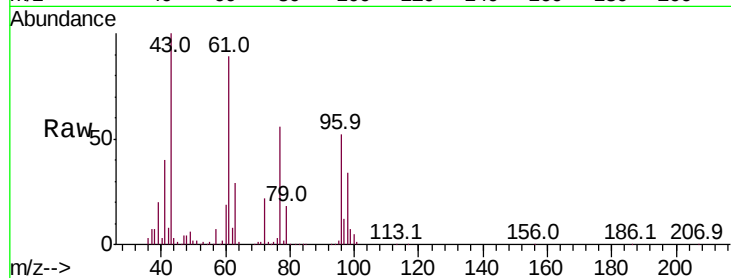


#27

cis-1,2-Dichloroethene
Concen: 50.596 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Instrument :
MSVOA_W
ClientSampleId :

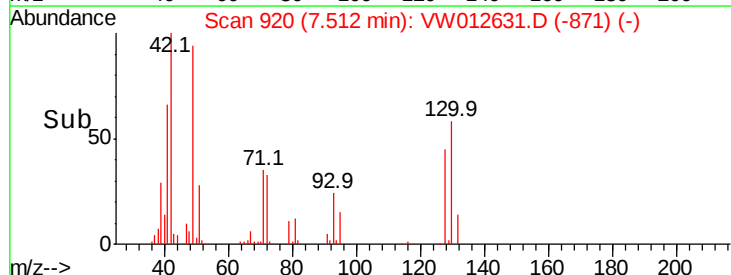
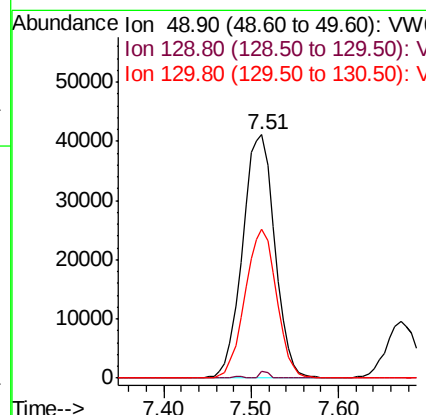
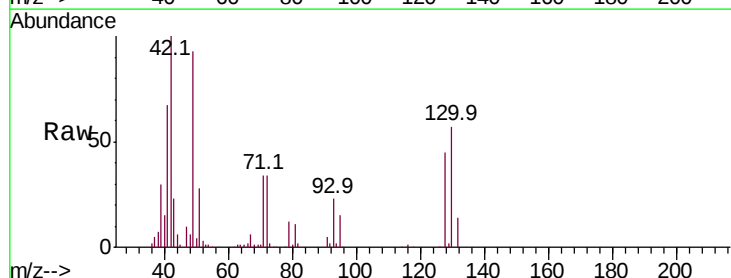
Tot Ion	Ratio	Lower	Upper
96	100		
61	166.7	0.0	326.6
98	64.7	0.0	127.4

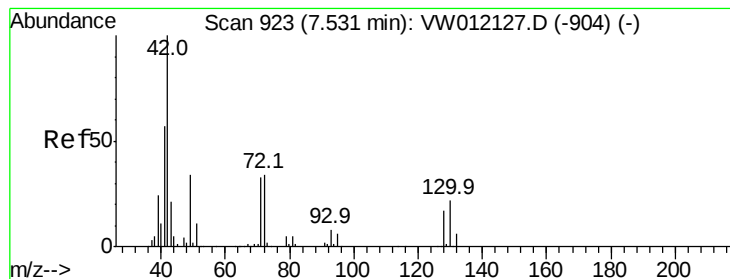


#28

Bromochloromethane
Concen: 46.229 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	59.9	45.5	68.3





#29

Tetrahydrofuran

Concen: 256.585 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :
MSVOA_W
ClientSampled :

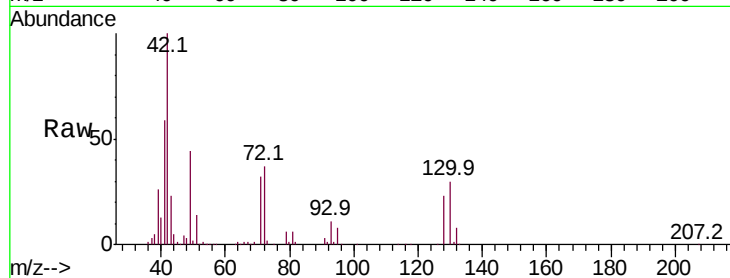
Tot Ion: 42 Resp: 153612

Ion Ratio Lower Upper

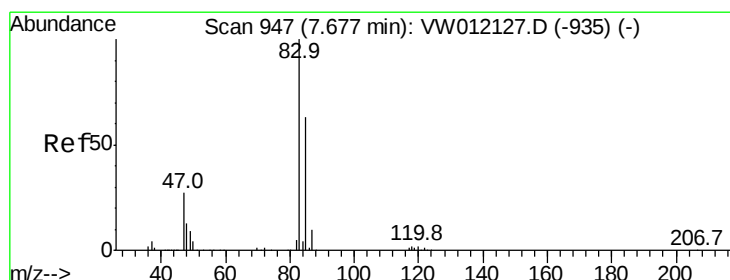
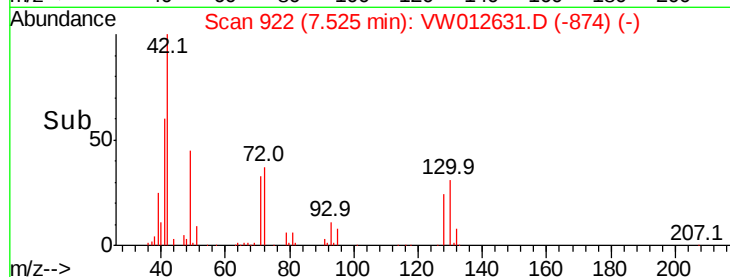
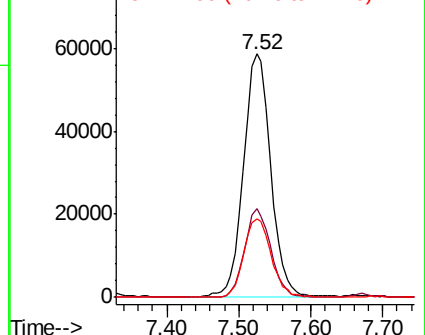
42 100

72 35.3 27.3 40.9

71 32.5 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: 52.032 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012631.D

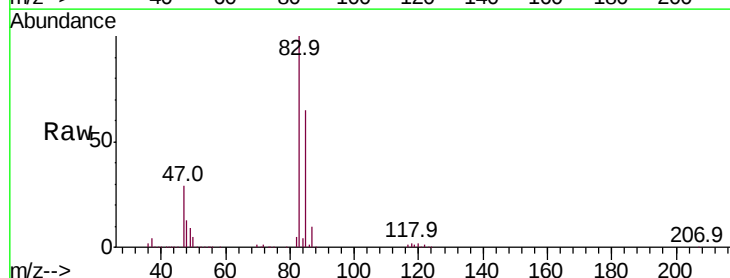
Acq: 05 Sep 2019 10:37

Tgt Ion: 83 Resp: 248969

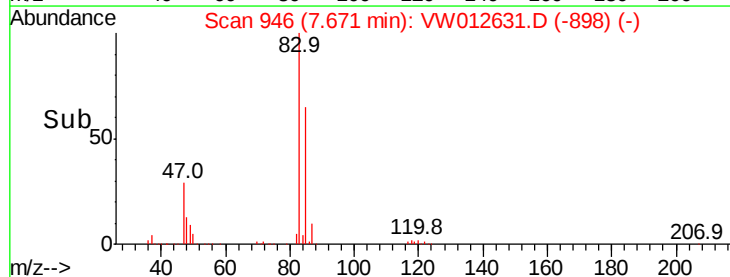
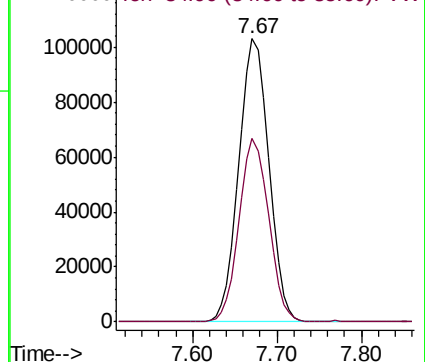
Ion Ratio Lower Upper

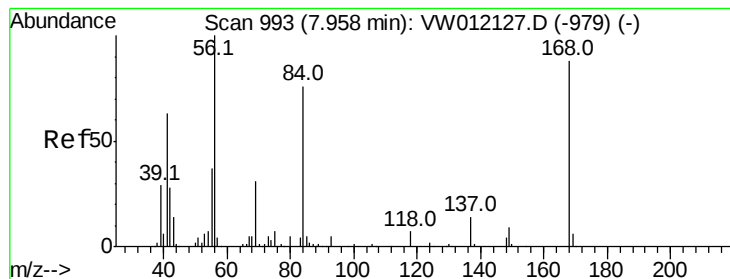
83 100

85 65.0 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: 44.944 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :
MSVOA_W
ClientSampled :

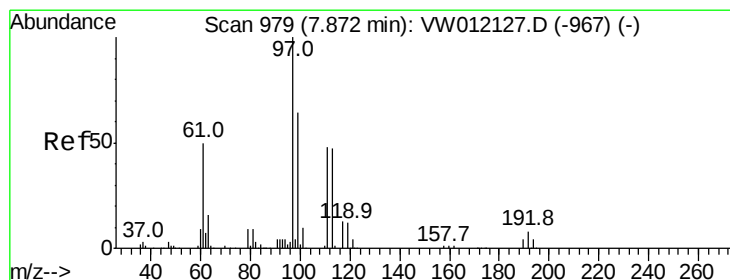
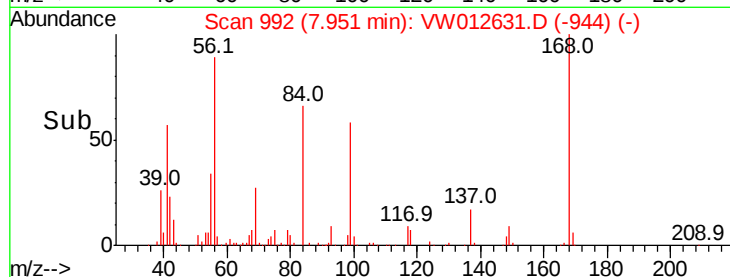
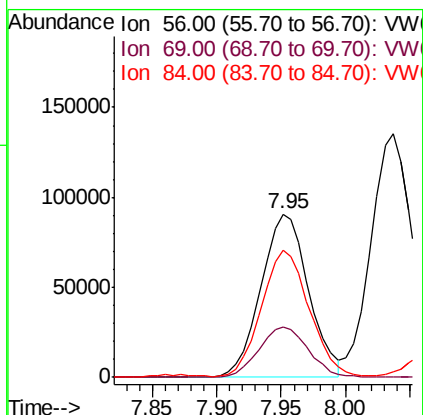
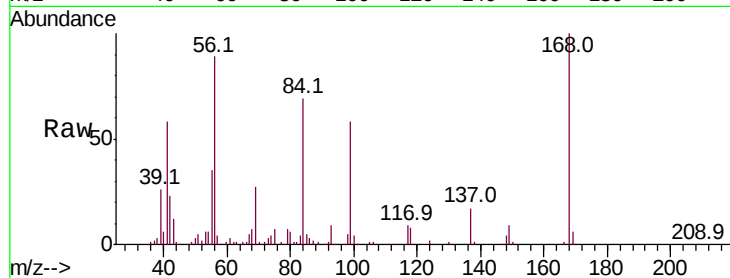
Tot Ion: 56 Resp: 232556

Ion Ratio Lower Upper

56 100

69 30.7 24.9 37.3

84 76.9 60.6 90.8



#32

1,1,1-Trichloroethane

Concen: 55.165 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

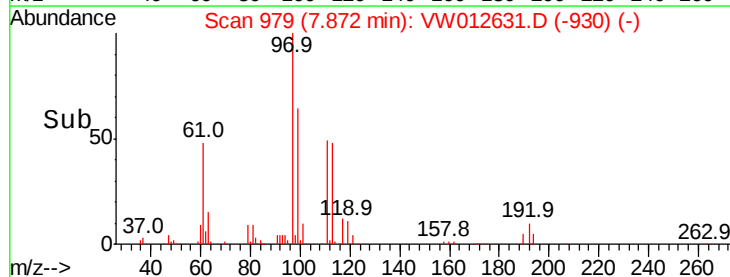
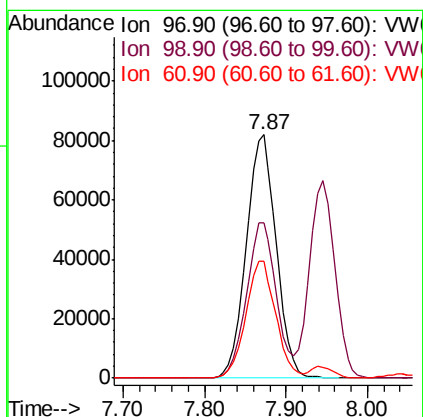
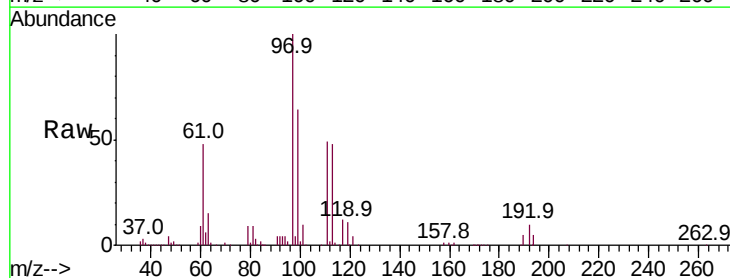
Tgt Ion: 97 Resp: 208810

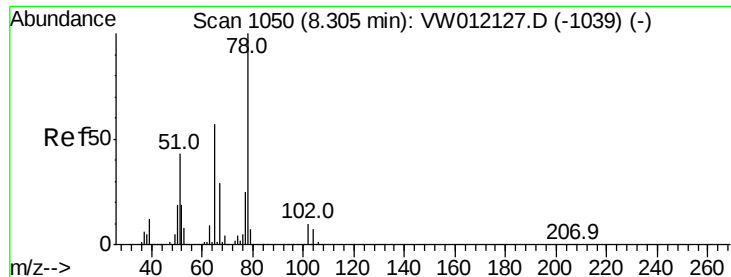
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 48.1 39.5 59.3

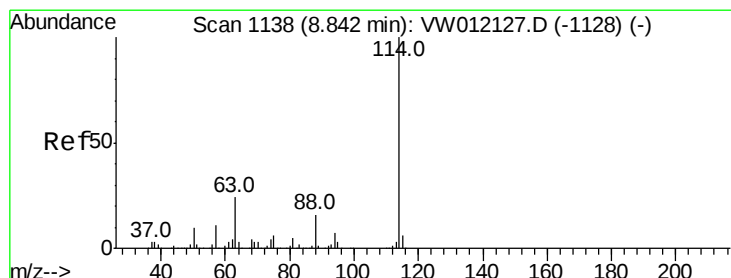
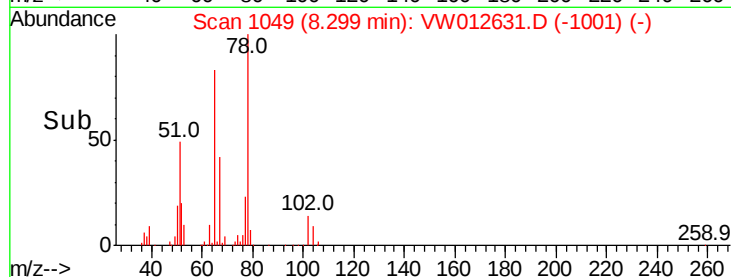
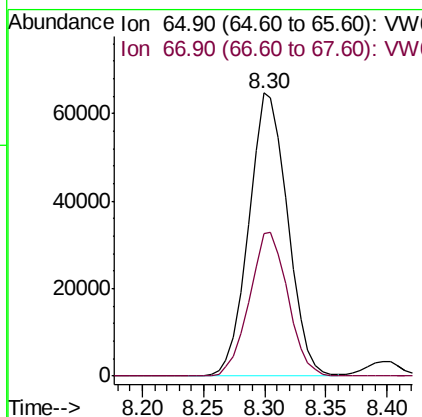
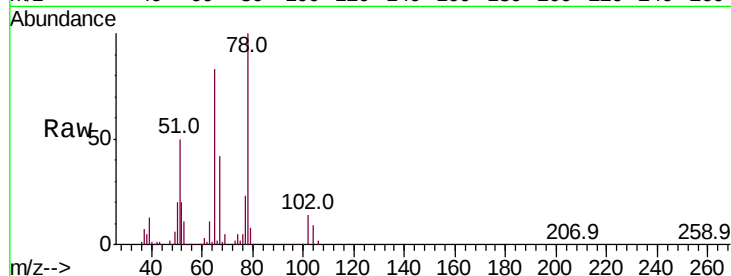




#33
 1,2-Dichloroethane-d4
 Concen: 49.749 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

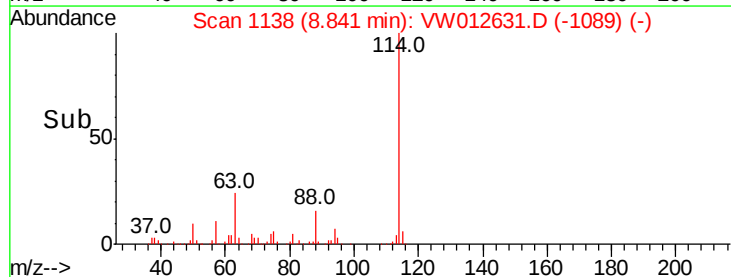
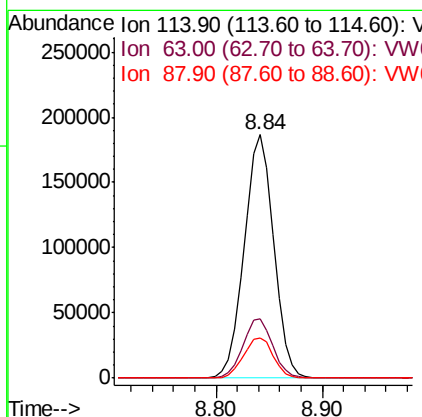
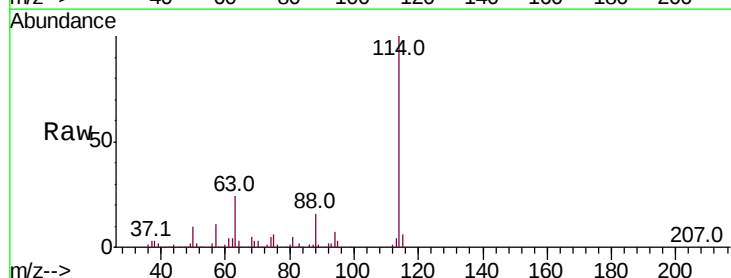
Instrument :
 MSVOA_W
 ClientSampleId :

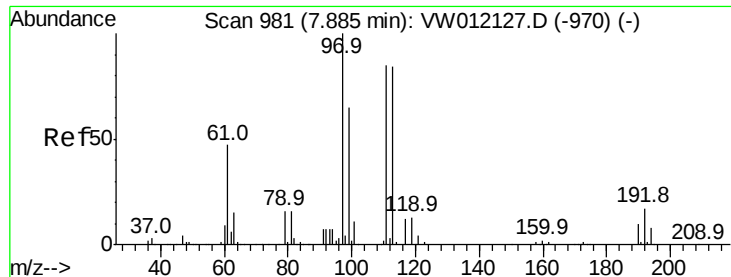
Tot Ion: 65 Resp: 142915
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

Tgt Ion: 114 Resp: 363622
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.532 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampled :

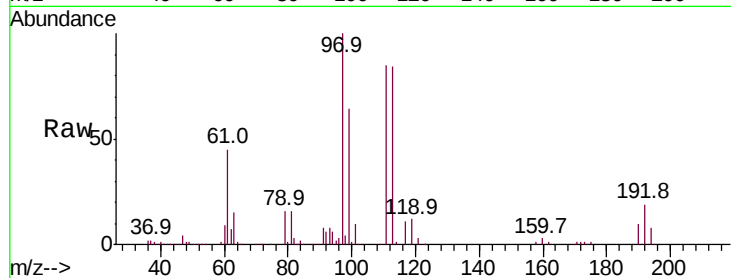
Tot Ion:113 Resp: 111849

Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

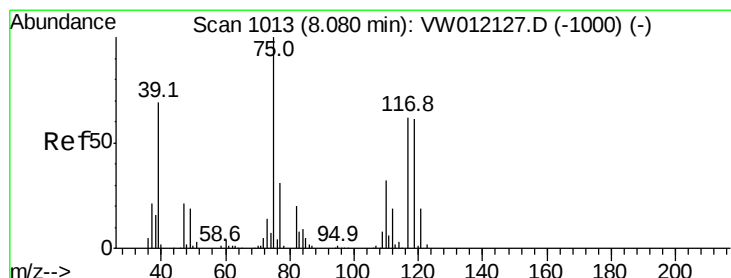
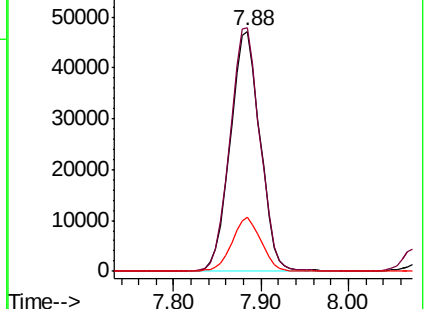
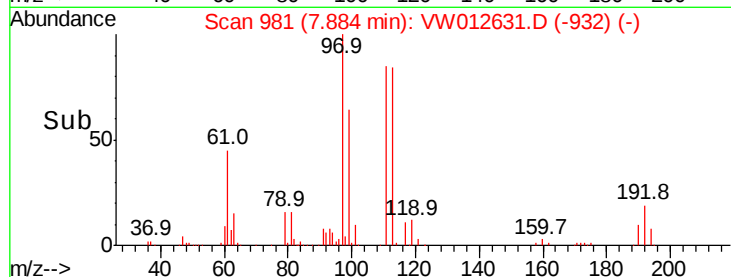
192 21.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.489 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

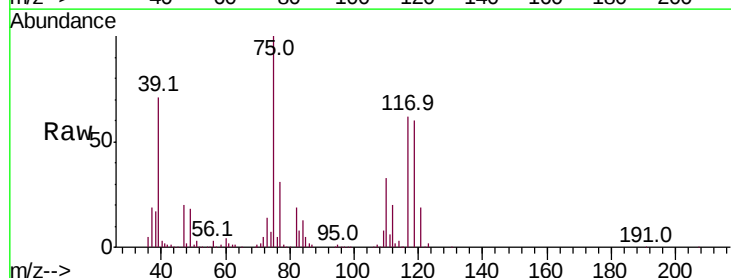
Tgt Ion: 75 Resp: 204750

Ion Ratio Lower Upper

75 100

110 31.2 15.6 46.8

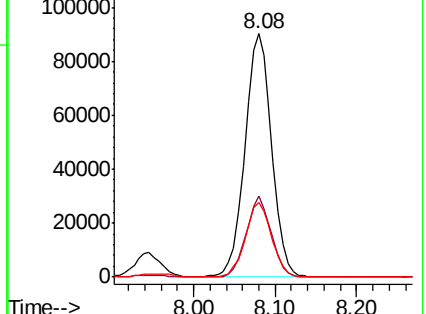
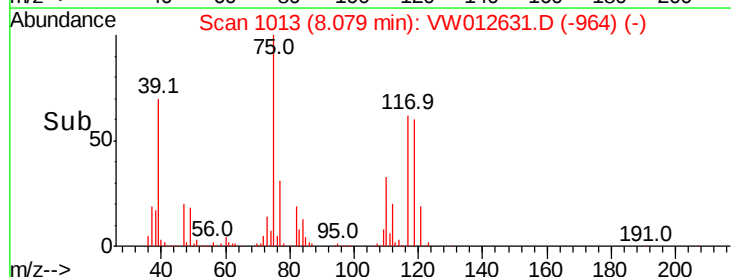
77 30.3 24.6 36.8

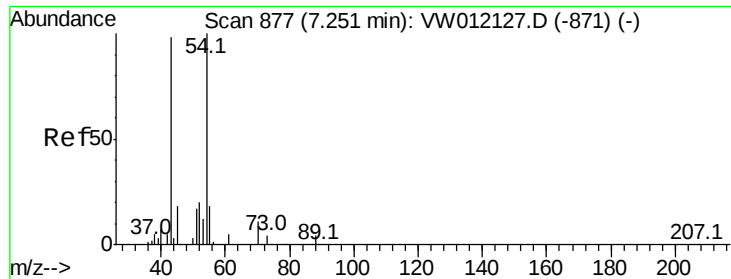


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

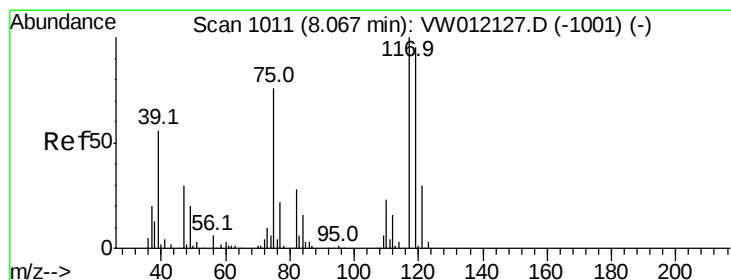
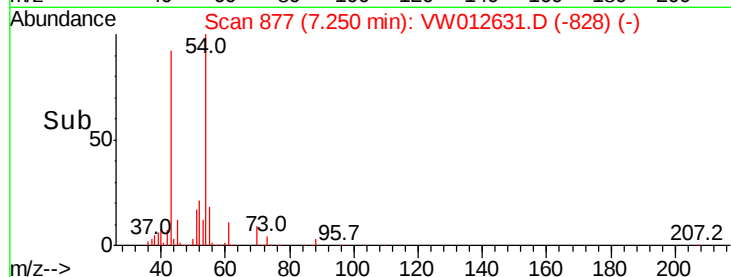
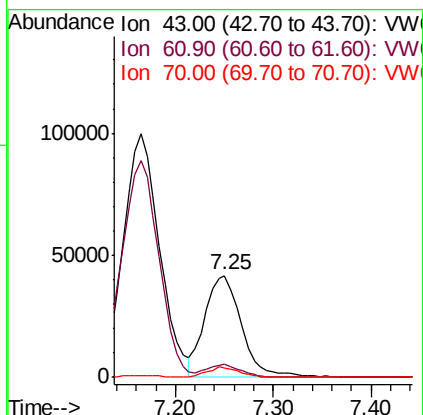
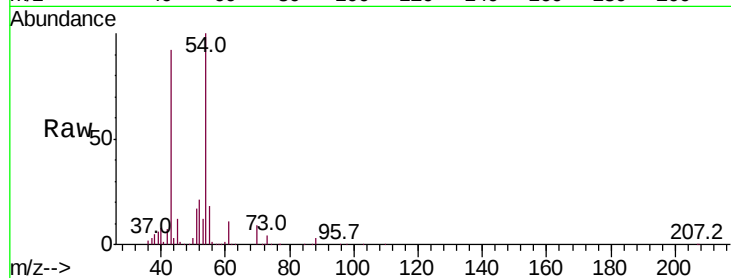




#37
Ethyl Acetate
Concen: 52.018 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

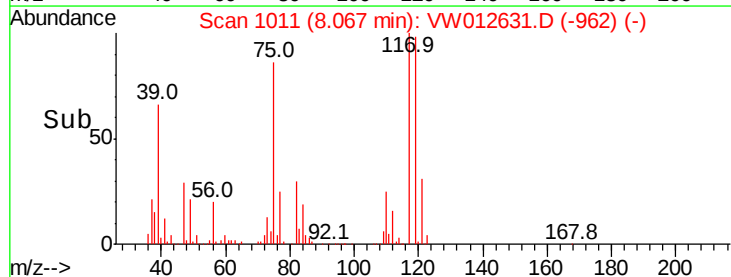
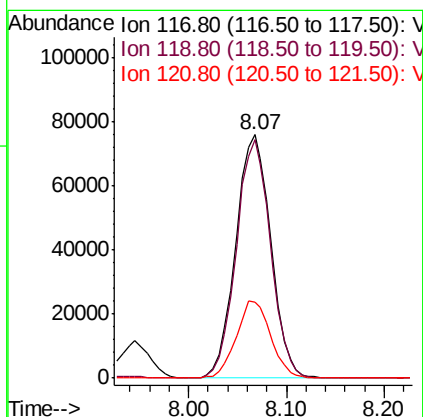
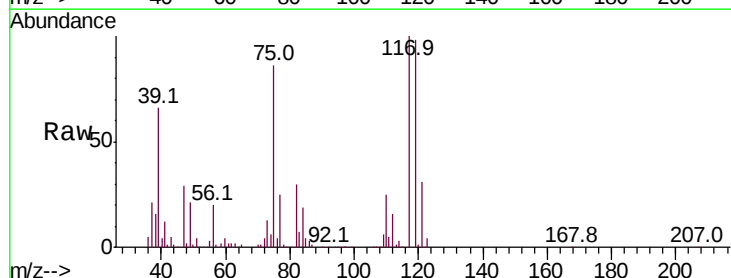
Instrument :
MSVOA_W
ClientSampled :

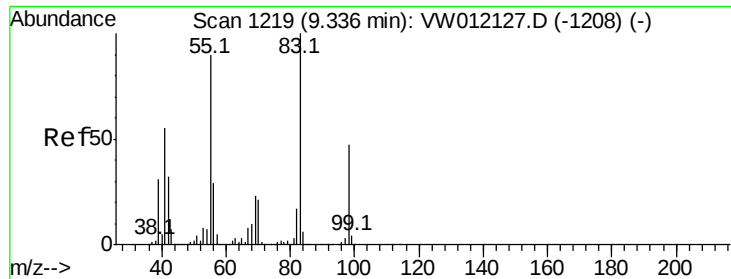
Tot Ion: 43 Resp: 107112
Ion Ratio Lower Upper
43 100
61 11.9 9.2 13.8
70 9.3 6.9 10.3



#38
Carbon Tetrachloride
Concen: 58.109 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion: 117 Resp: 188989
Ion Ratio Lower Upper
117 100
119 98.1 76.2 114.2
121 31.4 23.8 35.8

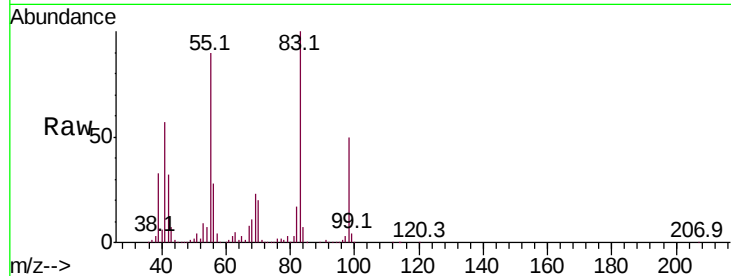




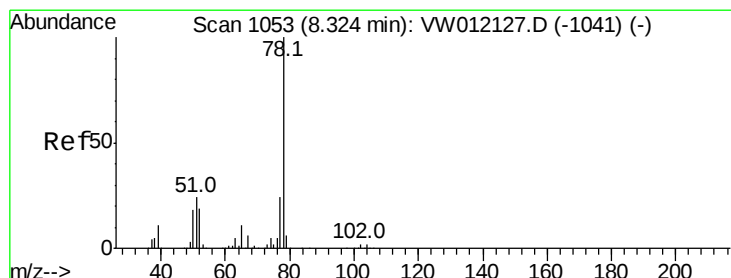
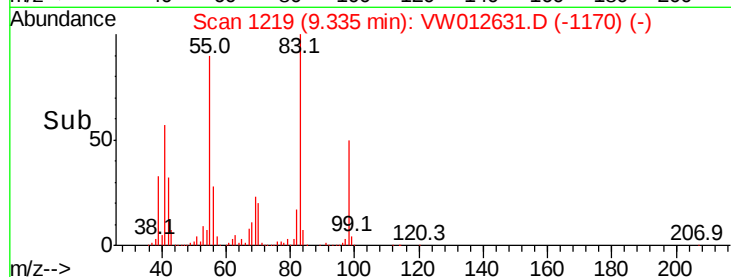
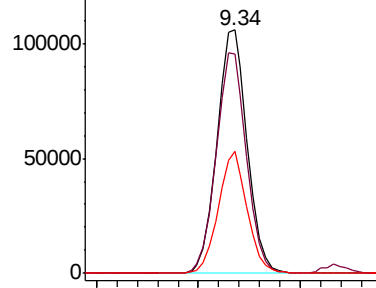
#39
Methvlcvclohexane
Concen: 51.814 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 218725
Ion Ratio Lower Upper
83 100
55 90.3 71.8 107.8
98 50.0 37.8 56.8

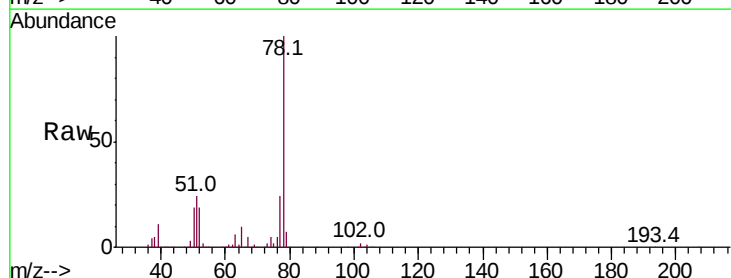


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

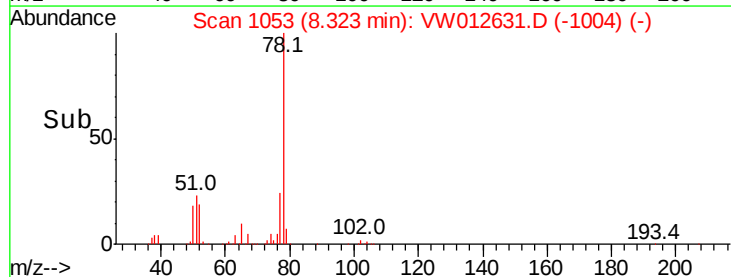
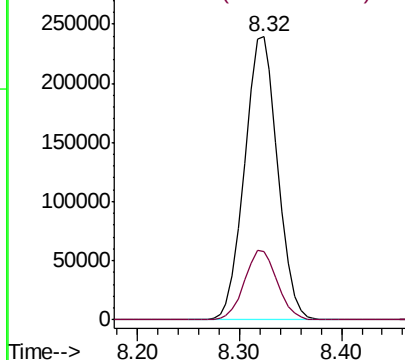


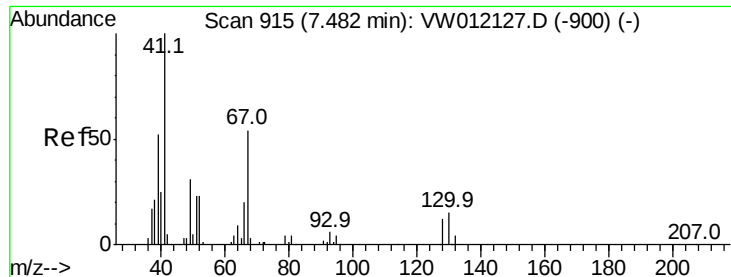
#40
Benzene
Concen: 52.589 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion: 78 Resp: 539581
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3



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





#41

Methacrylonitrile

Concen: 51.775 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 62659

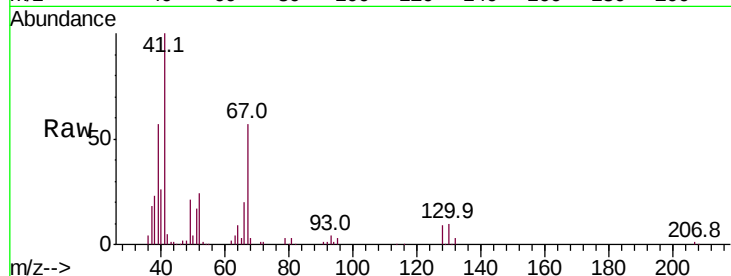
Ion Ratio Lower Upper

41 100

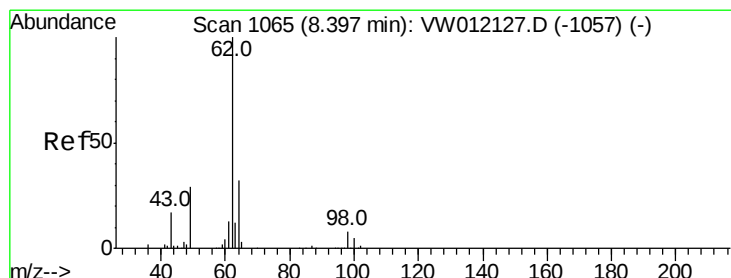
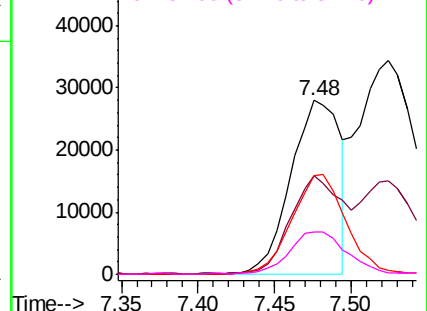
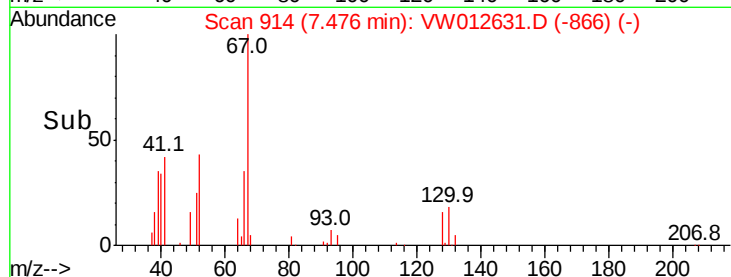
39 60.4 45.8 68.8

67 63.1 46.2 69.4

52 28.6 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: 56.393 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012631.D

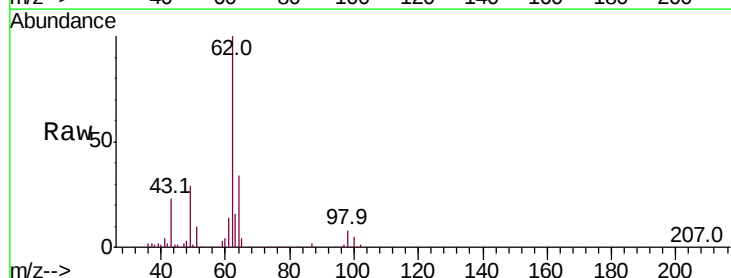
Acq: 05 Sep 2019 10:37

Tgt Ion: 62 Resp: 181344

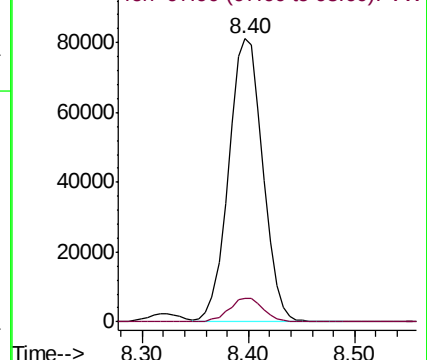
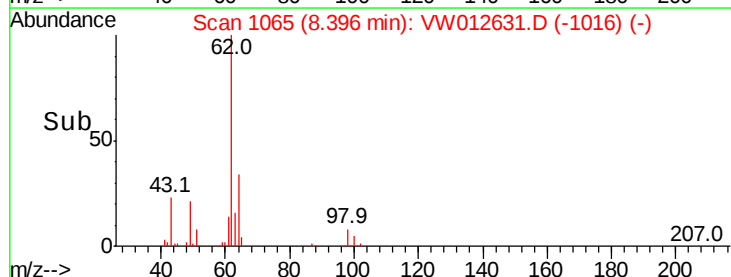
Ion Ratio Lower Upper

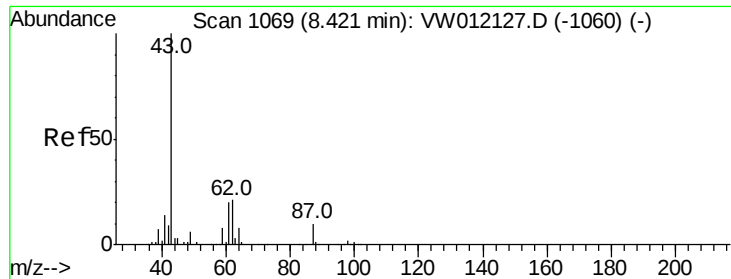
62 100

98 8.4 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: 54.397 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampled :

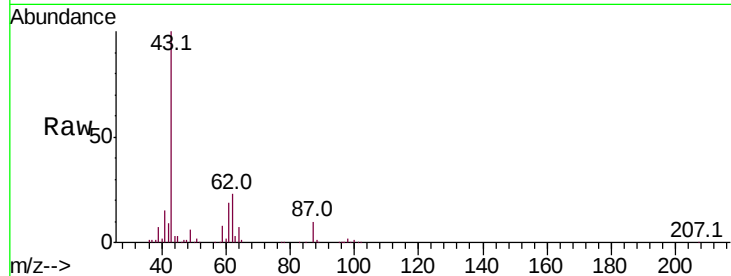
Tot Ion: 43 Resp: 207479

Ion Ratio Lower Upper

43 100

61 26.1 21.1 31.7

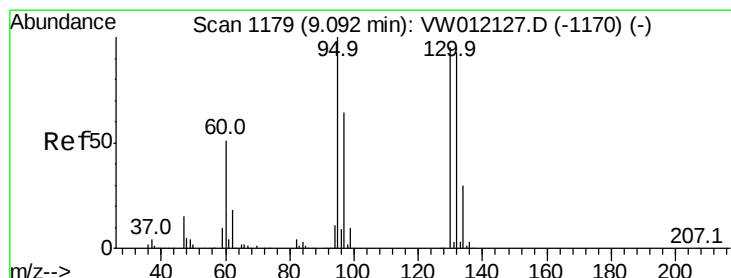
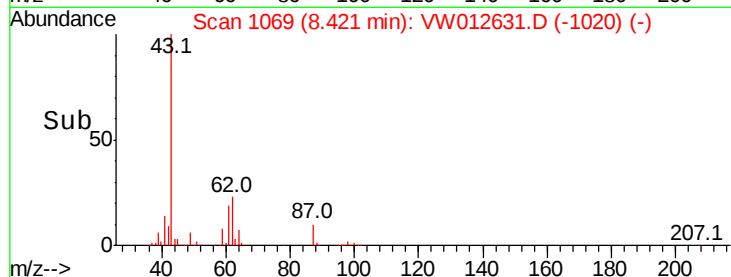
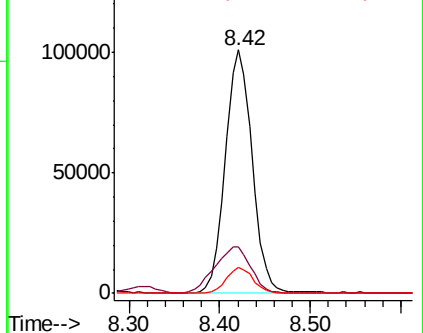
87 10.6 8.2 12.2



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: 54.924 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012631.D

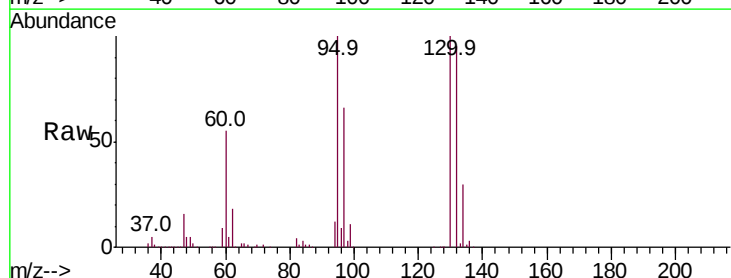
Acq: 05 Sep 2019 10:37

Tgt Ion: 130 Resp: 136995

Ion Ratio Lower Upper

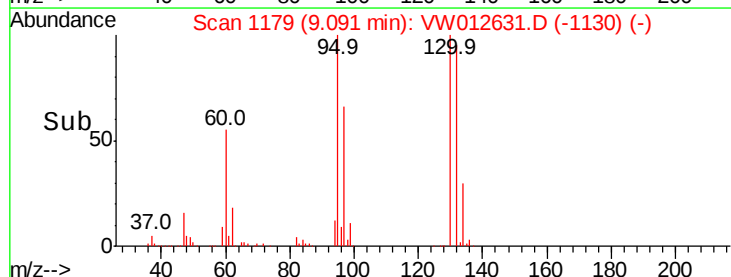
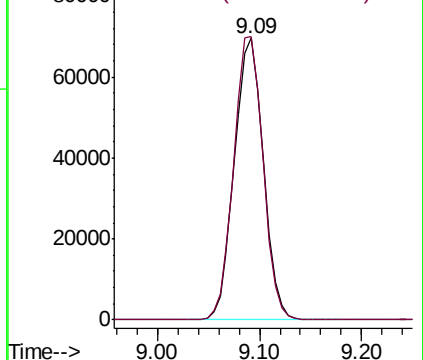
130 100

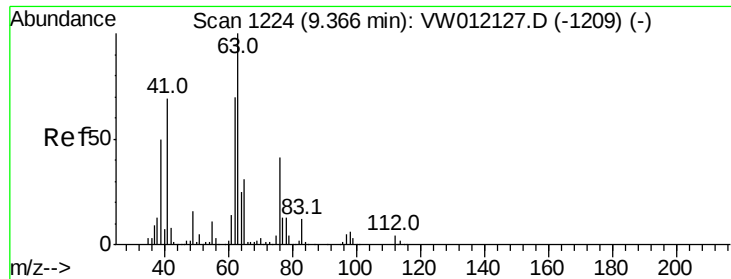
95 100.4 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 51.755 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

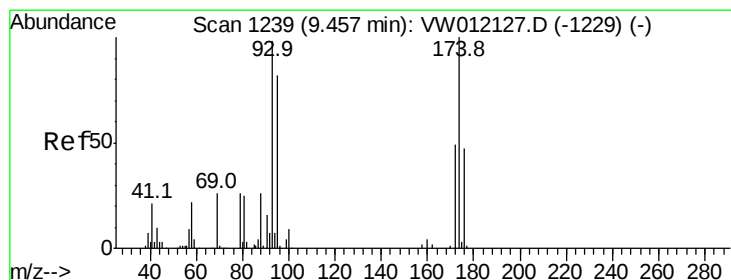
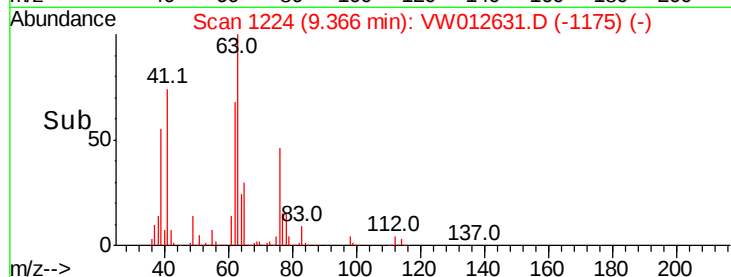
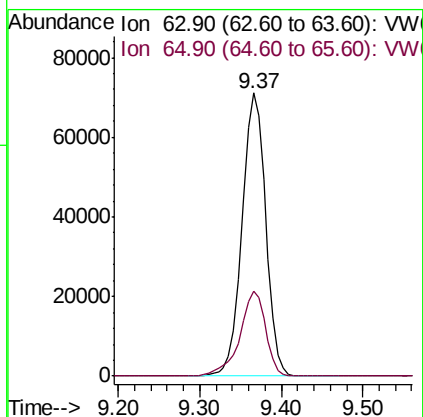
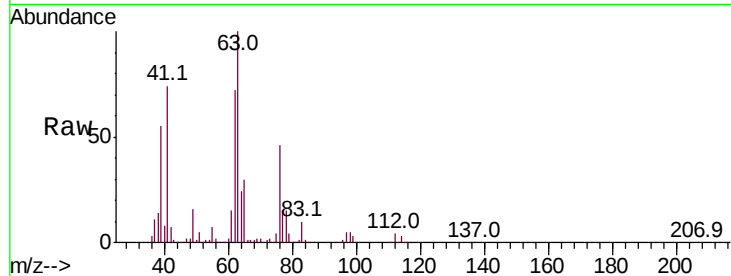
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 142915

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



#46

Dibromomethane

Concen: 54.292 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

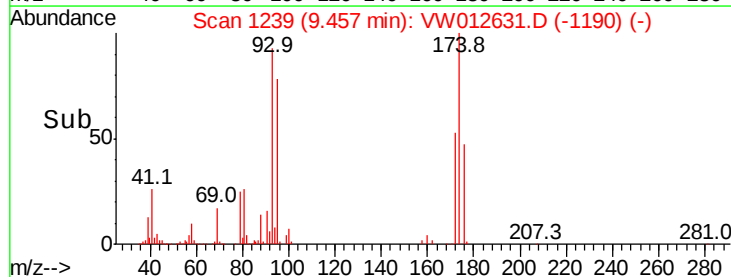
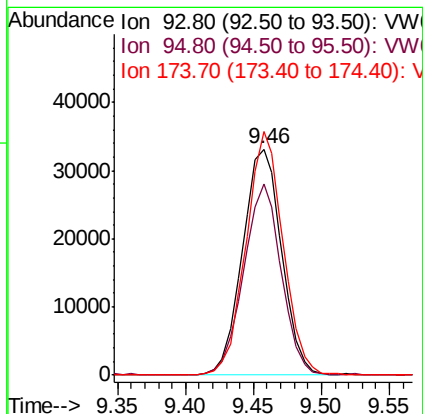
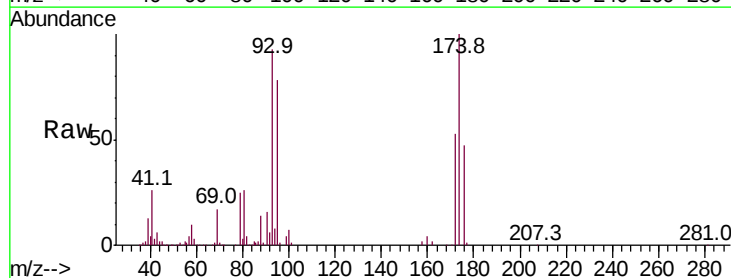
Tgt Ion: 93 Resp: 66704

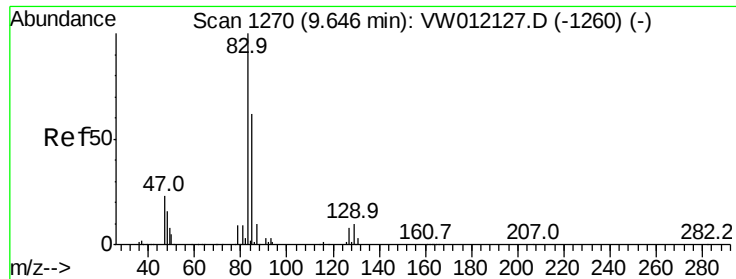
Ion Ratio Lower Upper

93 100

95 81.5 67.2 100.8

174 102.2 79.0 118.6





#47

Bromodichloromethane

Concen: 55.895 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampled :

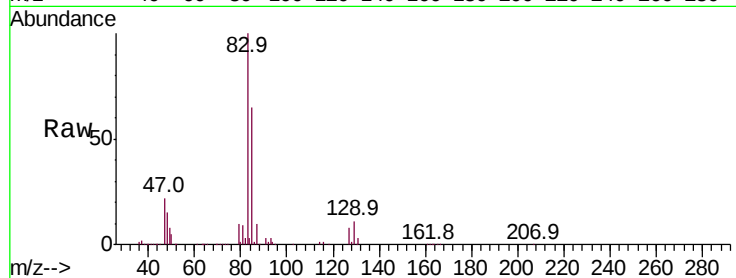
Tot Ion: 83 Resp: 182772

Ion Ratio Lower Upper

83 100

85 64.9 49.4 74.2

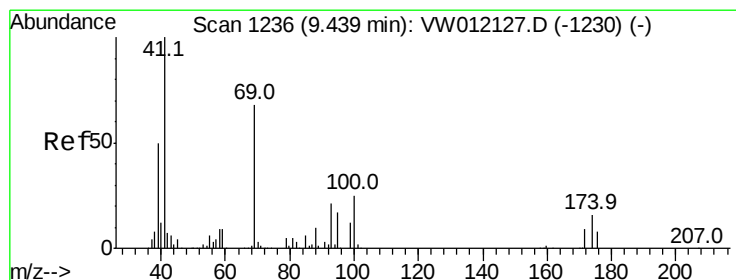
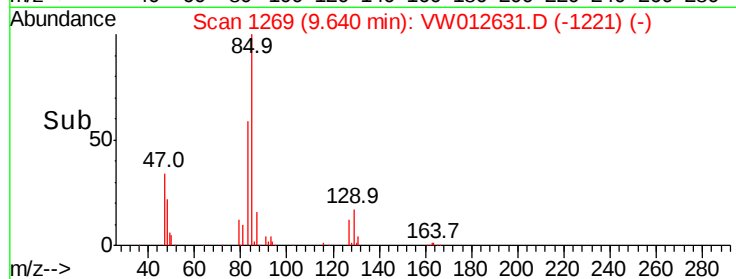
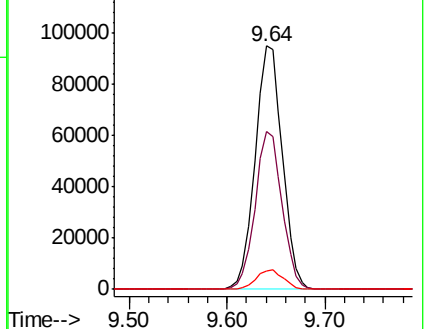
127 7.7 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 55.486 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

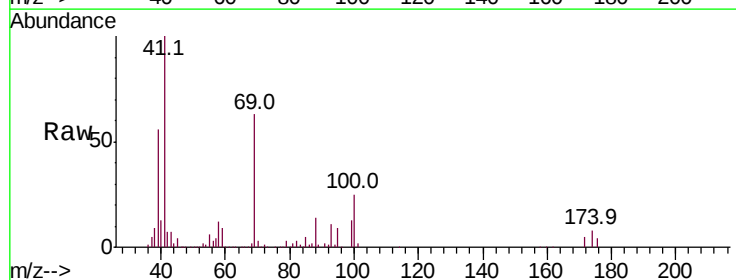
Tgt Ion: 41 Resp: 100725

Ion Ratio Lower Upper

41 100

69 70.7 56.7 85.1

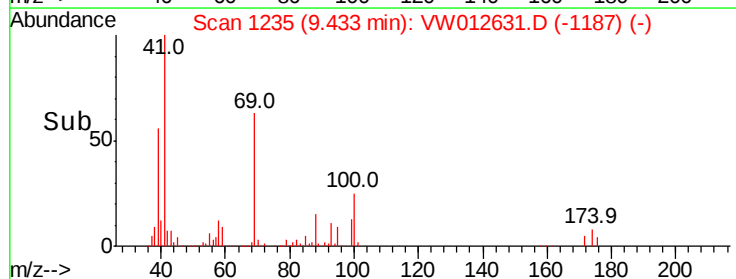
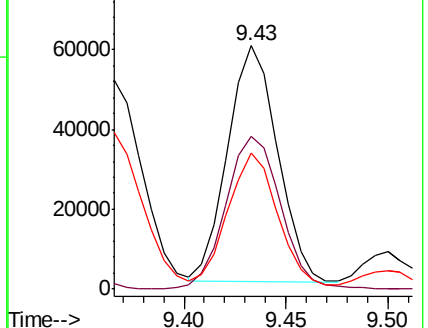
39 58.8 42.0 63.0

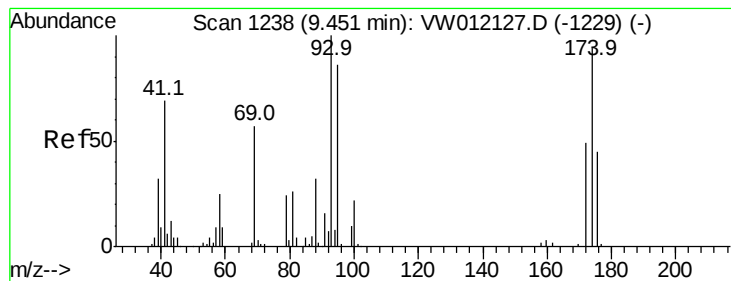


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1080.822 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :
MSVOA_W
ClientSampled :

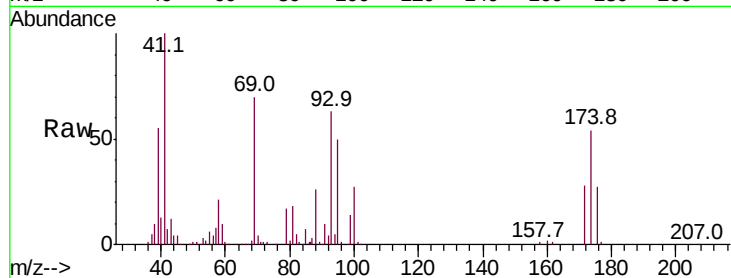
Tot Ion: 88 Resp: 20329

Ion Ratio Lower Upper

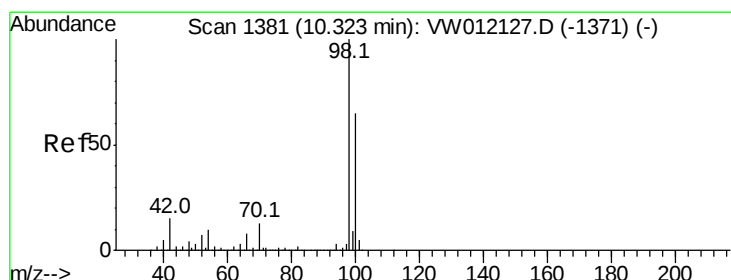
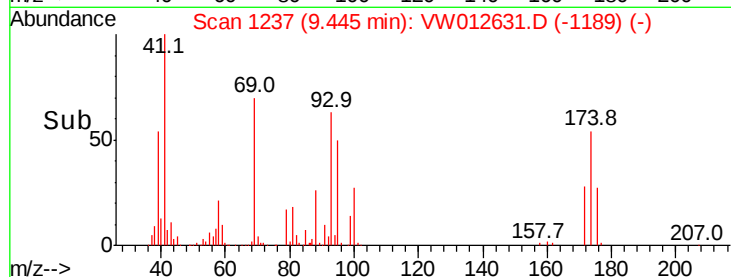
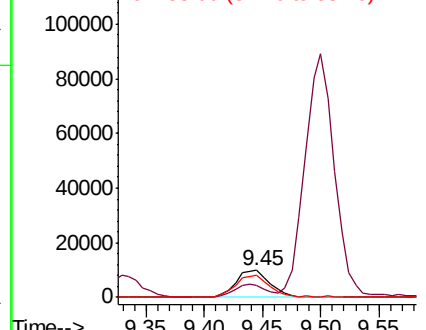
88 100

43 45.3 32.9 49.3

58 85.3 71.0 106.4



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



#50

Toluene-d8

Concen: 49.876 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012631.D

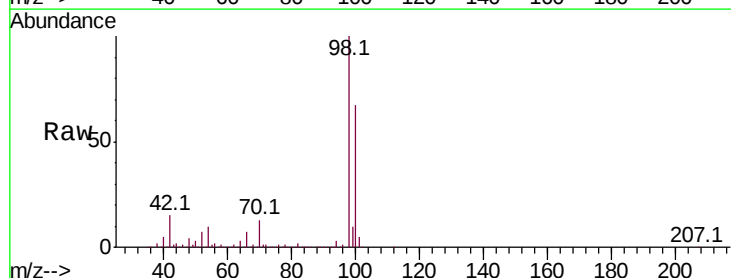
Acq: 05 Sep 2019 10:37

Tgt Ion: 98 Resp: 438942

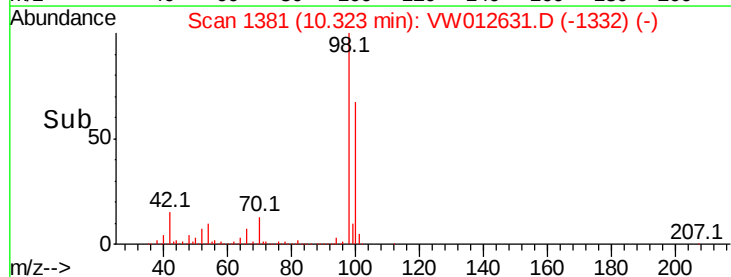
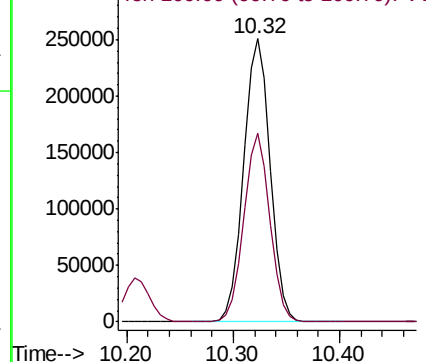
Ion Ratio Lower Upper

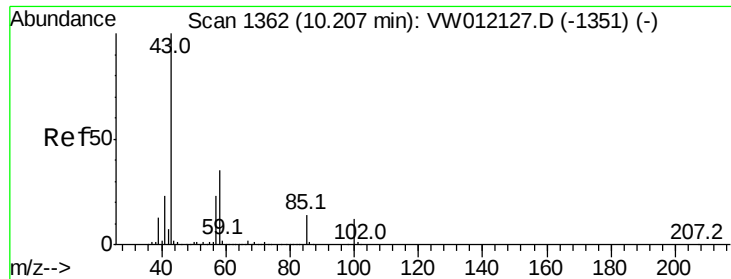
98 100

100 65.2 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: 275.497 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

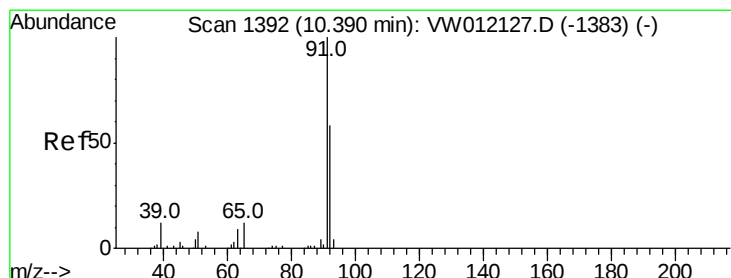
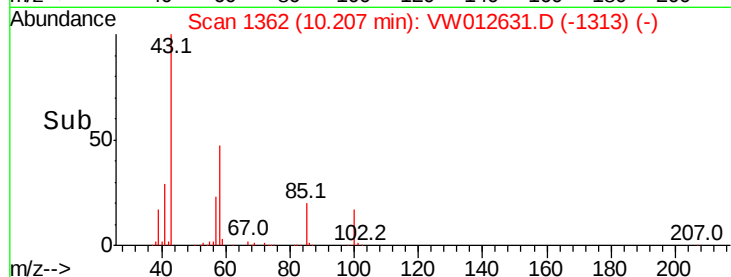
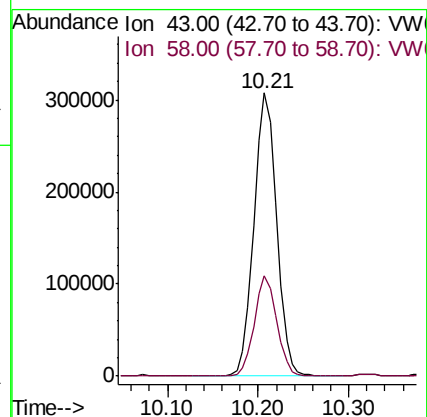
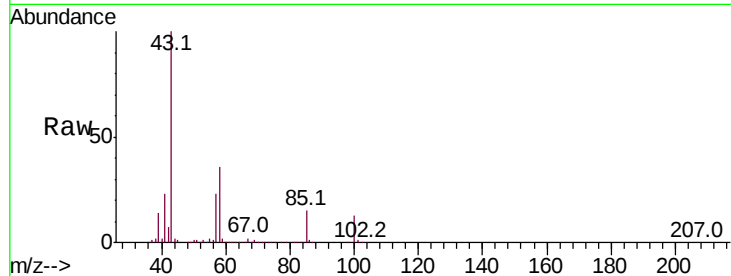
ClientSampleId :

Tot Ion: 43 Resp: 534459

Ion Ratio Lower Upper

43 100

58 34.9 28.2 42.2



#52

Toluene

Concen: 54.167 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012631.D

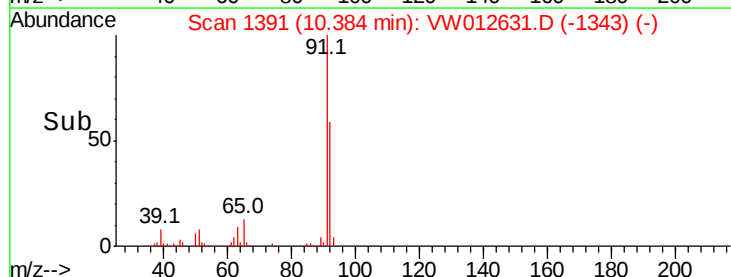
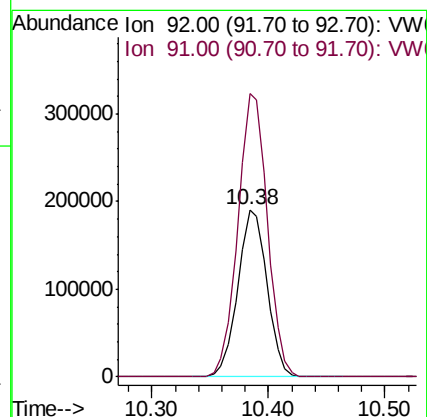
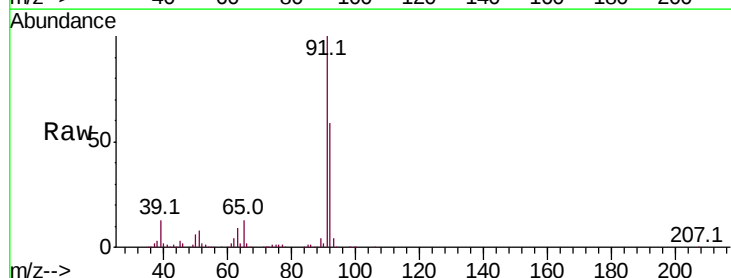
Acq: 05 Sep 2019 10:37

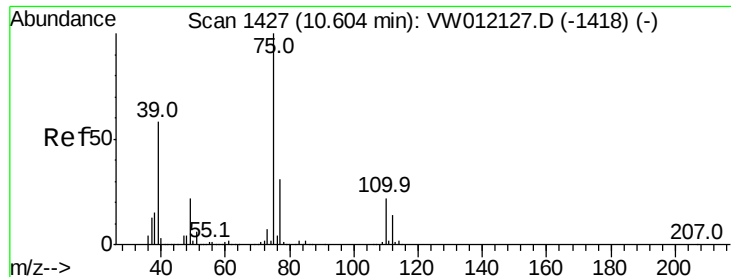
Tgt Ion: 92 Resp: 333878

Ion Ratio Lower Upper

92 100

91 171.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 56.548 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

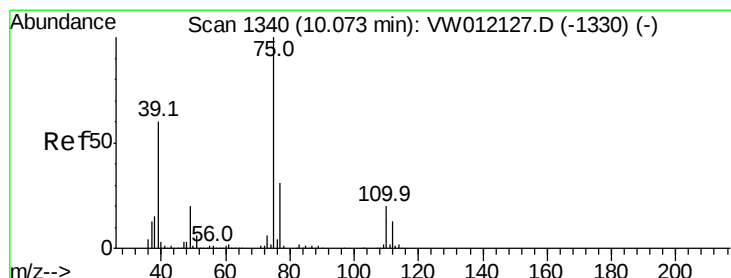
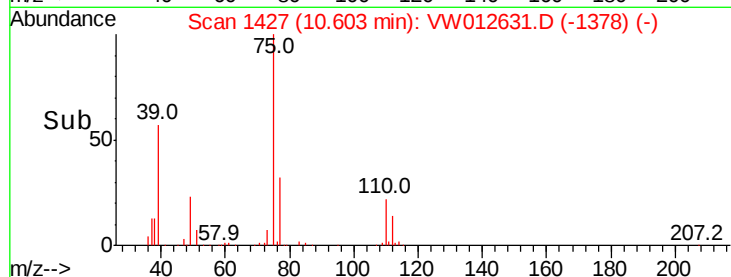
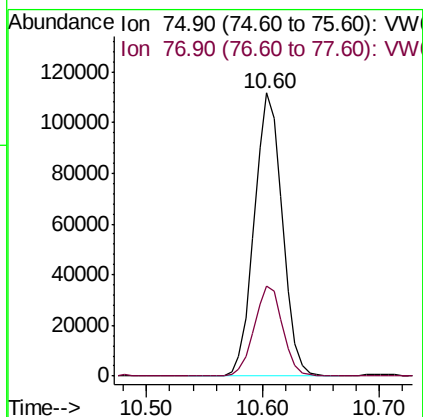
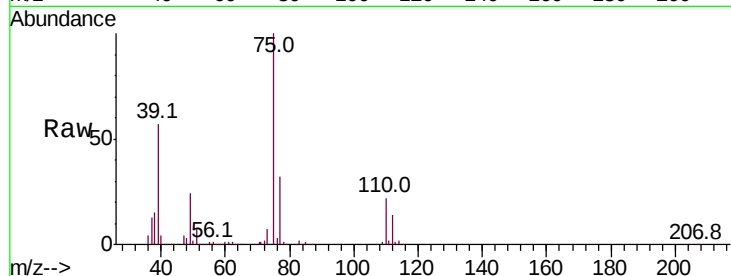
ClientSampled :

Tot Ion: 75 Resp: 188349

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 54.471 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

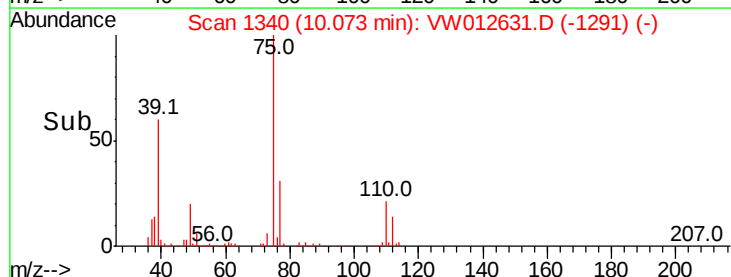
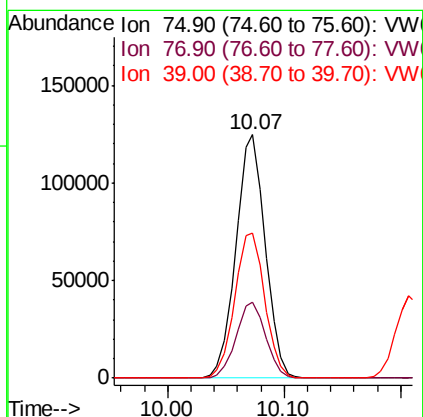
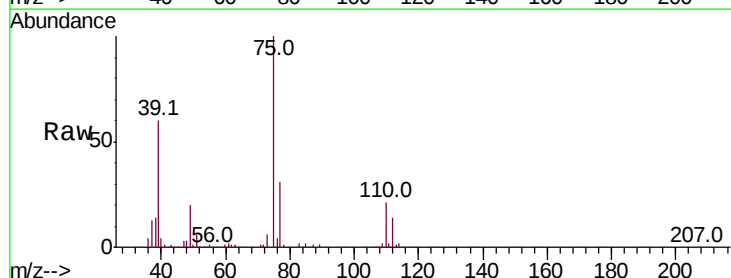
Tgt Ion: 75 Resp: 219069

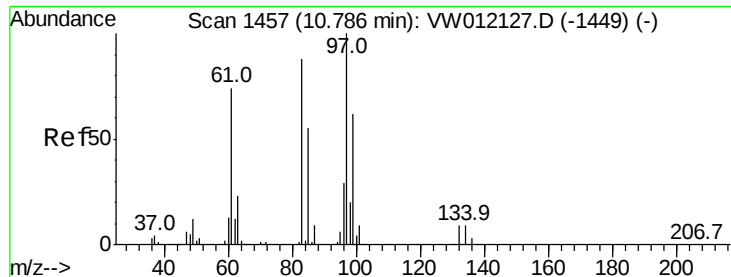
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 59.7 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 54.861 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 95367

Ion	Ratio	Lower	Upper
97	100		
83	90.3	70.8	106.2
85	56.8	43.8	65.8
99	60.6	49.8	74.6

Abundance

Ion 96.90 (96.60 to 97.60): VW

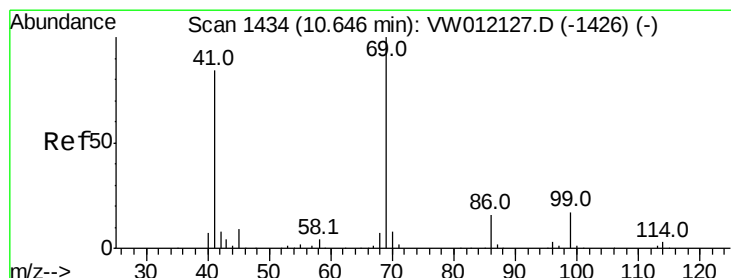
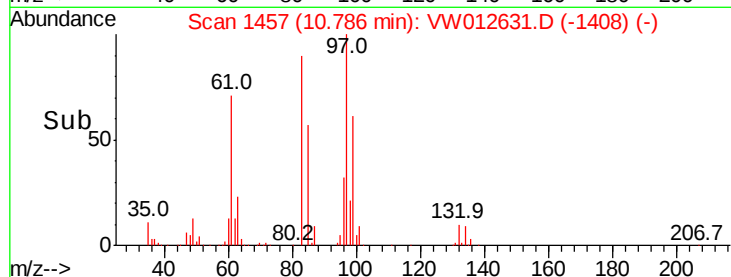
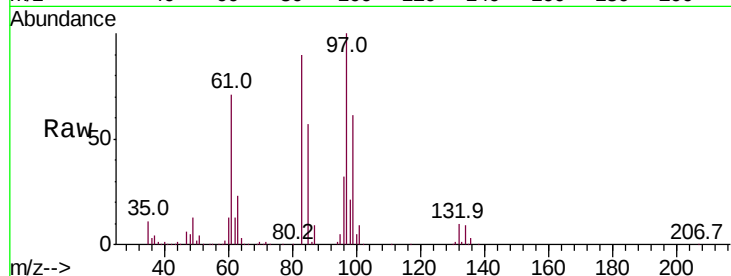
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

10.79

Time-->



#56

Ethyl methacrylate

Concen: 56.803 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Tgt Ion: 69 Resp: 143711

Ion	Ratio	Lower	Upper
69	100		
41	81.6	66.5	99.7
39	38.5	31.0	46.4

Abundance

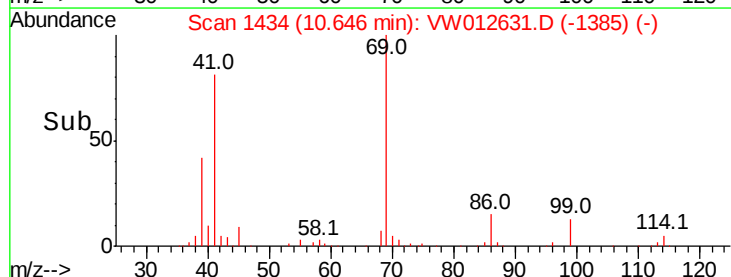
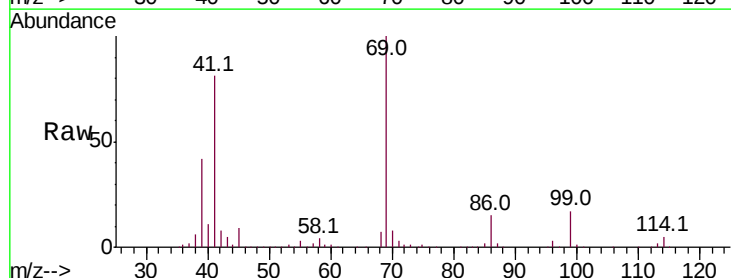
Ion 69.00 (68.70 to 69.70): VW

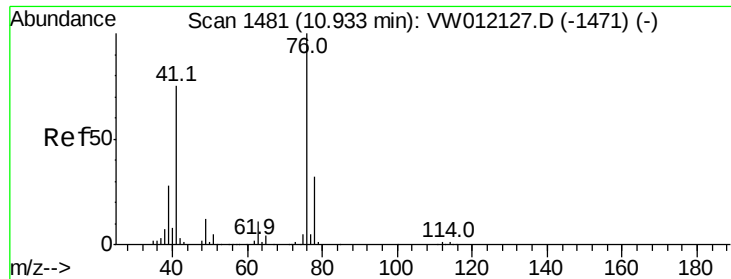
Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

10.65

Time-->





#57

1,3-Dichloropropane

Concen: 54.615 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

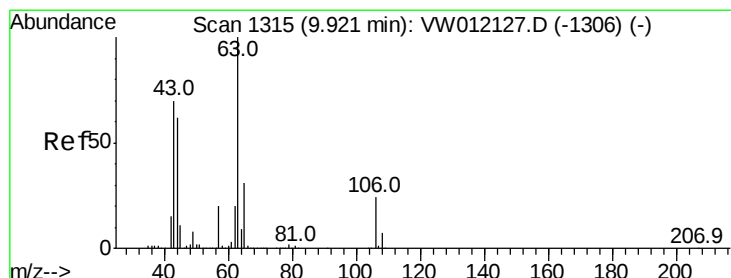
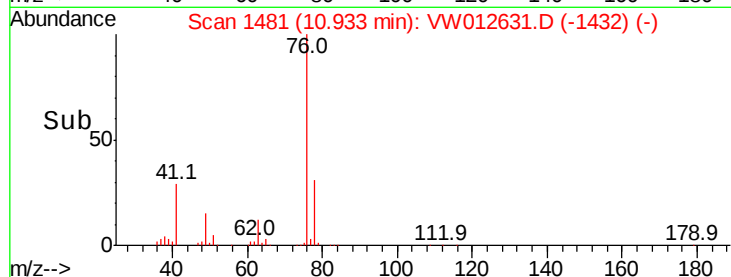
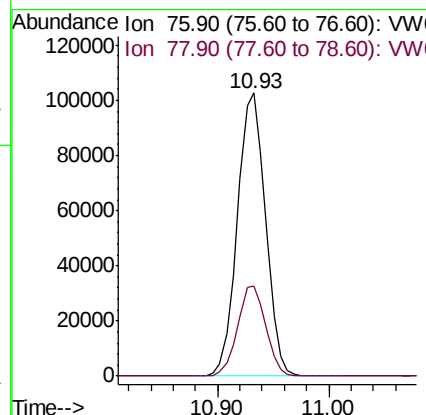
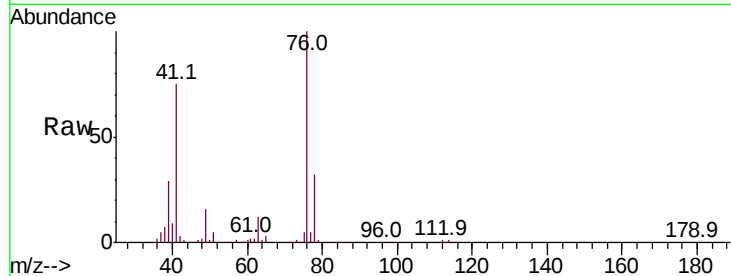
ClientSampleId :

Tot Ion: 76 Resp: 179410

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 270.388 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012631.D

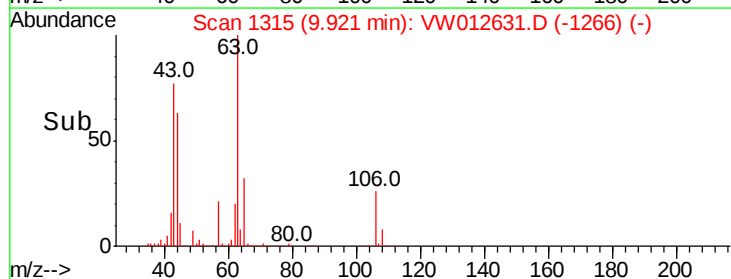
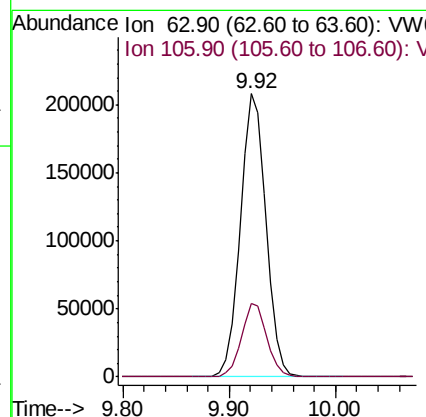
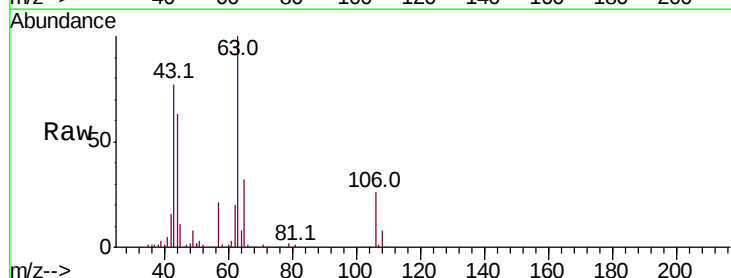
Acq: 05 Sep 2019 10:37

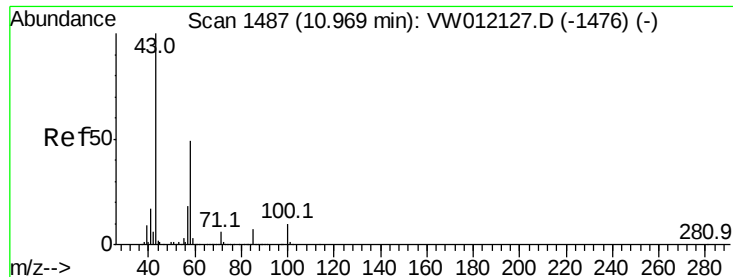
Tgt Ion: 63 Resp: 351086

Ion Ratio Lower Upper

63 100

106 25.4 19.8 29.8

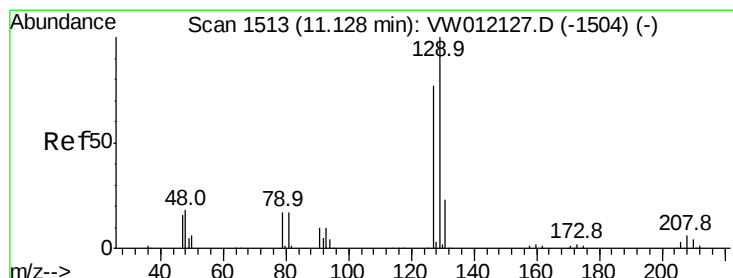
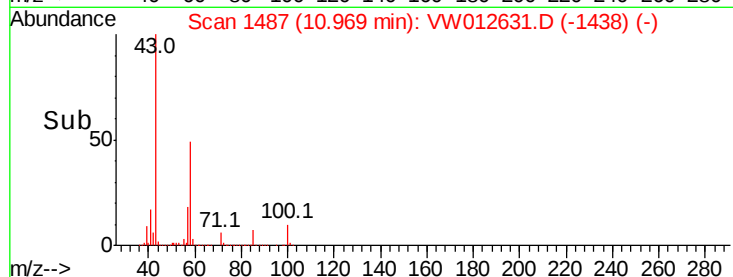
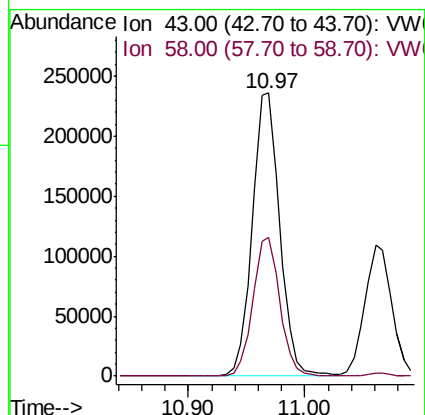
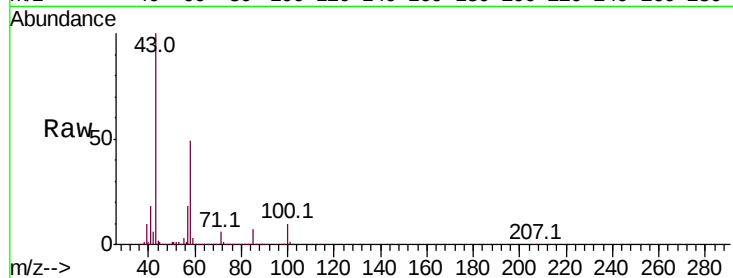




#59
2-Hexanone
Concen: 282.822 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

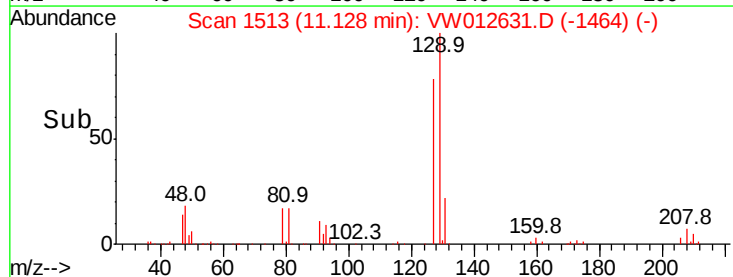
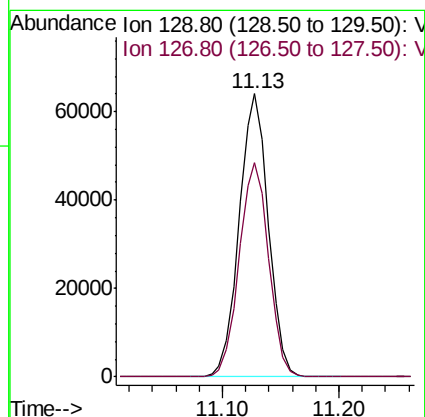
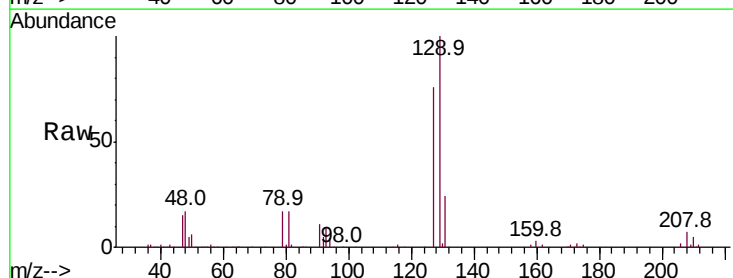
Instrument :
MSVOA_W
ClientSampleId :

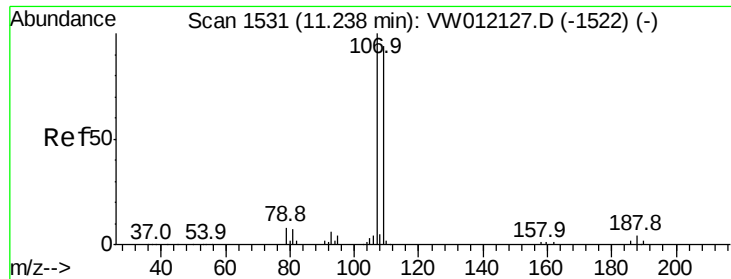
Tot Ion: 43 Resp: 388219
Ion Ratio Lower Upper
43 100
58 48.2 24.3 72.9



#60
Dibromochloromethane
Concen: 57.683 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion: 129 Resp: 111686
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8

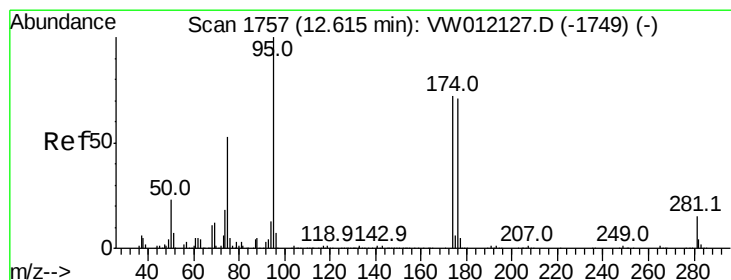
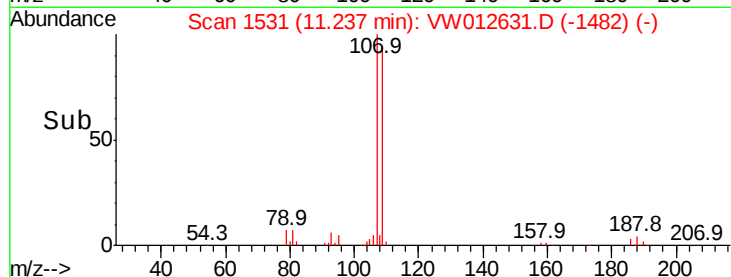
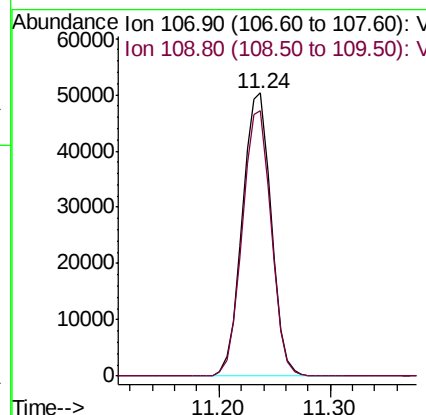
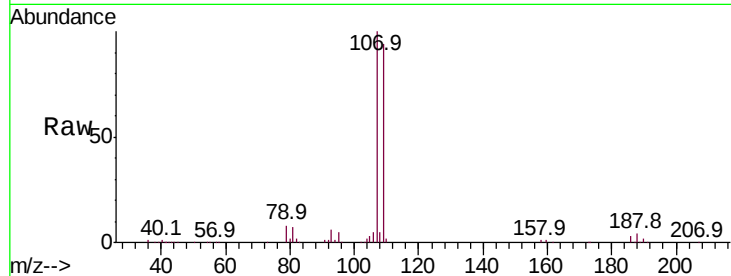




#61
 1,2-Dibromoethane
 Concen: 55.697 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

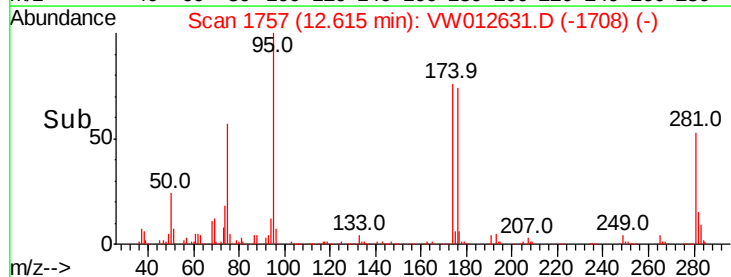
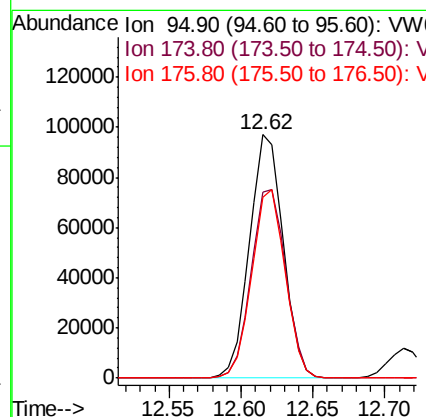
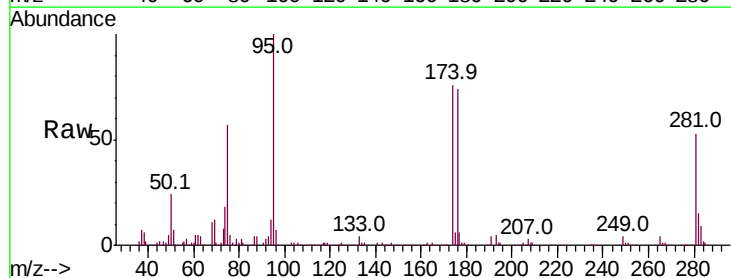
Instrument :
 MSVOA_W
 ClientSampled :

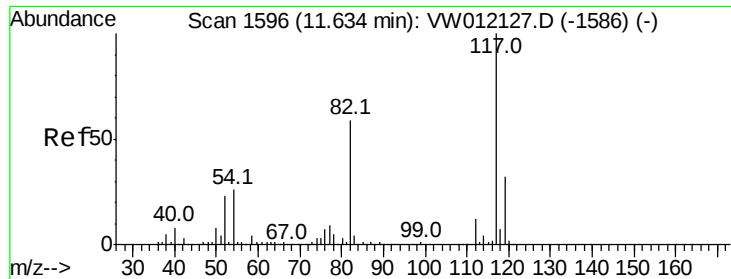
Tot Ion:107 Resp: 90201
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.532 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

Tgt Ion: 95 Resp: 156760
 Ion Ratio Lower Upper
 95 100
 174 79.5 0.0 150.8
 176 76.6 0.0 148.6

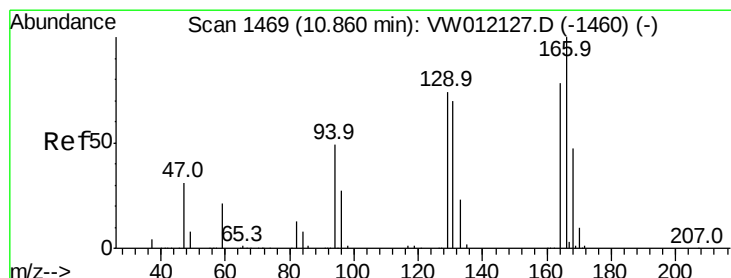
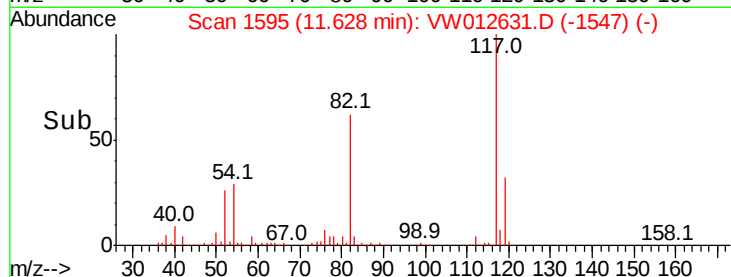
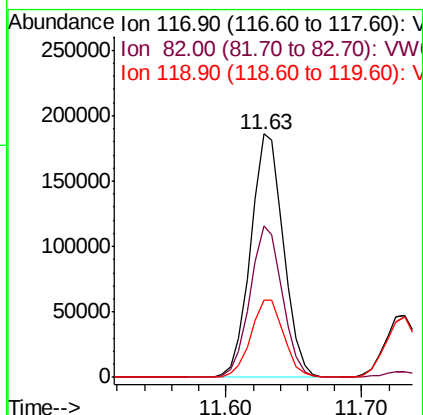
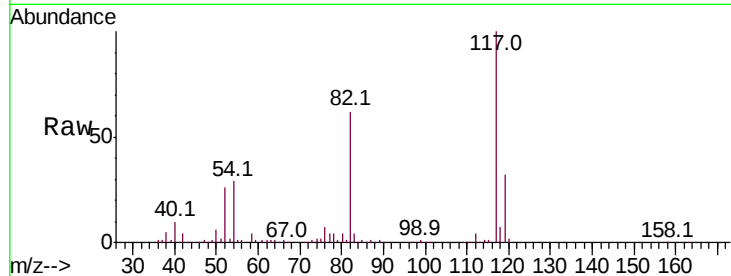




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

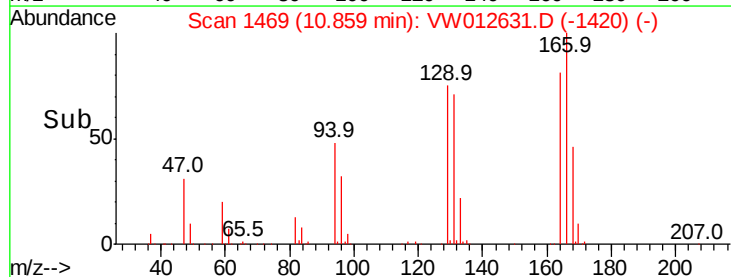
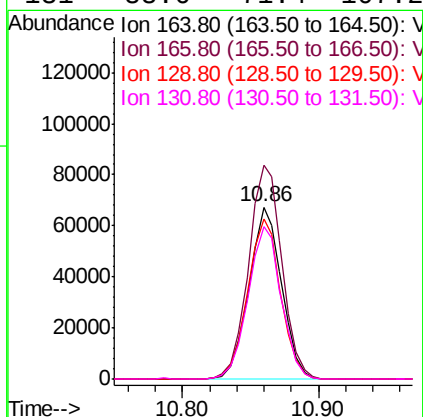
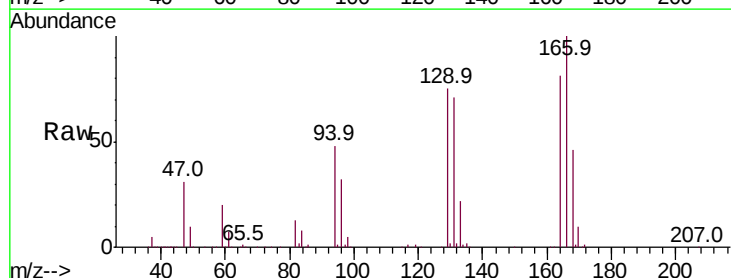
Instrument :
MSVOA_W
ClientSampled :

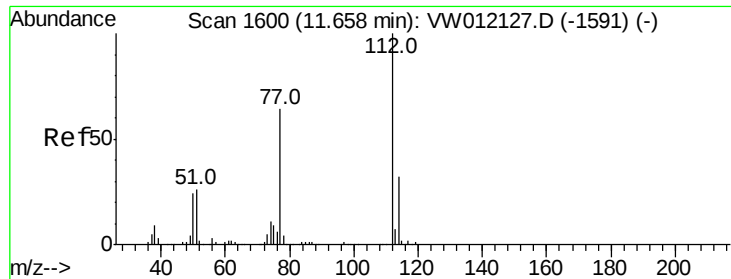
Tot Ion:117 Resp: 314205
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 55.274 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion:164 Resp: 112597
Ion Ratio Lower Upper
164 100
166 124.0 102.4 153.6
129 92.9 75.8 113.6
131 88.6 71.4 107.2

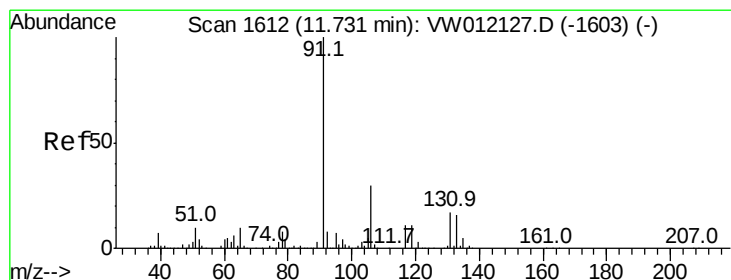
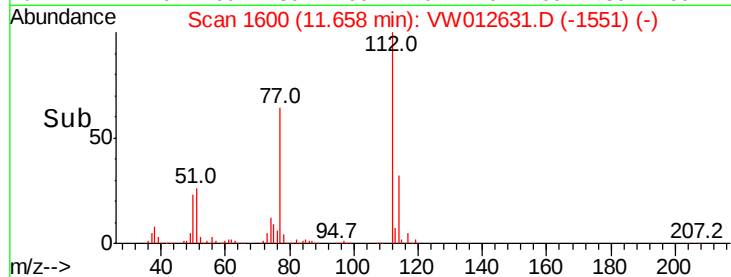
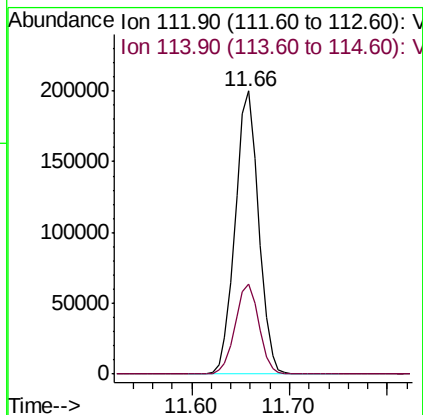
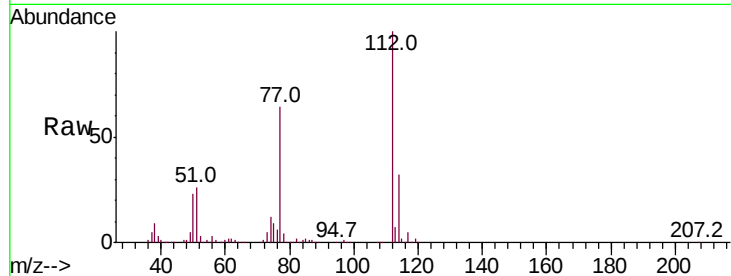




#65
Chlorobenzene
Concen: 53.883 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

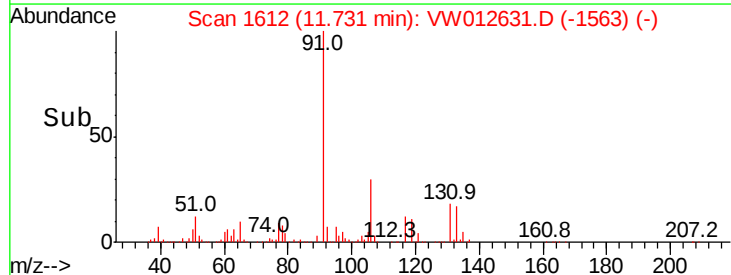
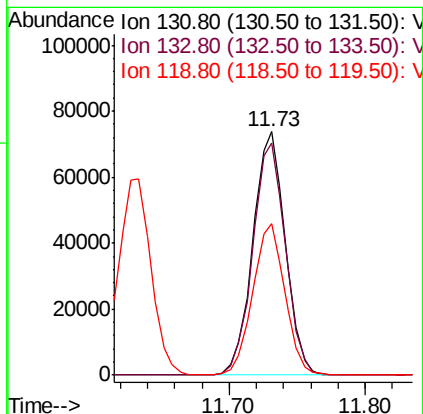
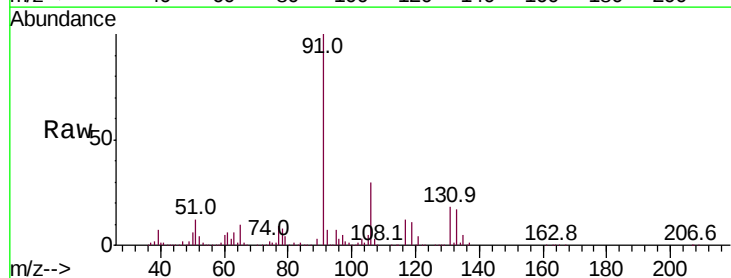
Instrument :
MSVOA_W
ClientSampleId :

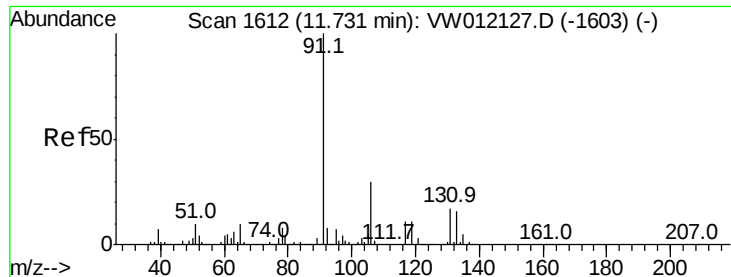
Tot Ion:112 Resp: 333374
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.233 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion:131 Resp: 123531
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.3
119 61.8 31.8 95.3

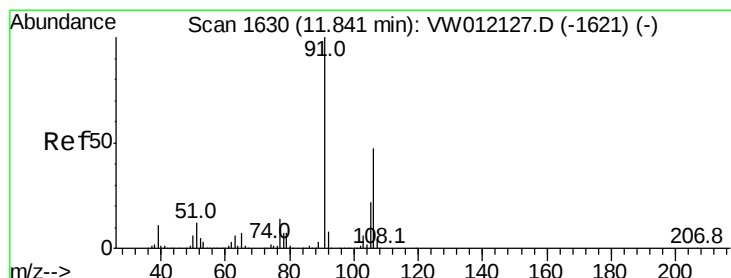
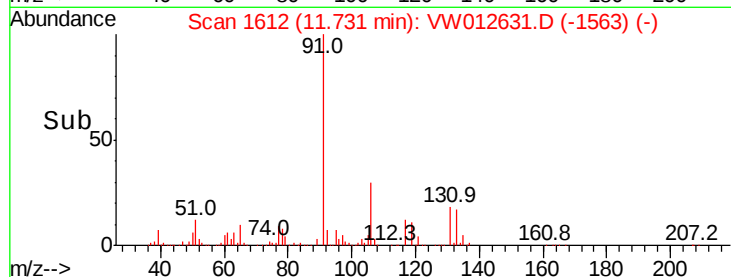
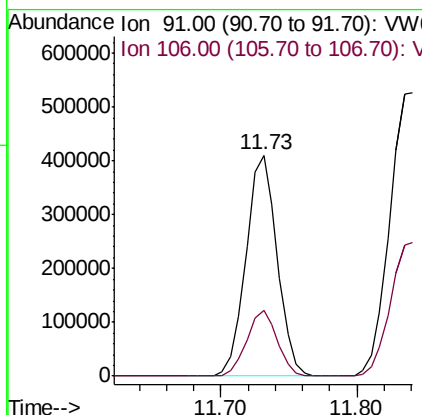
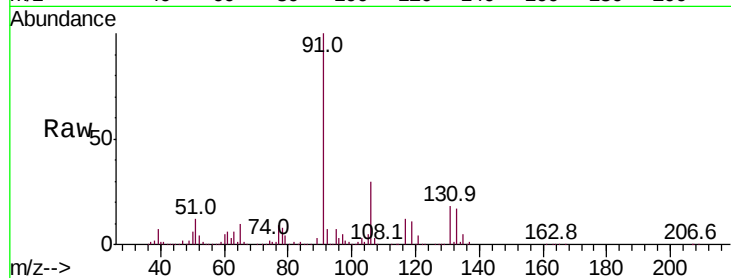




#67
Ethyl Benzene
Concen: 55.086 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

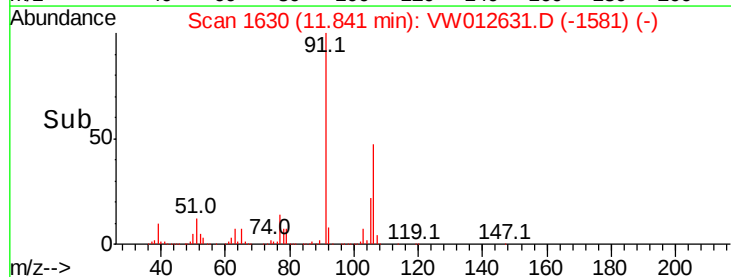
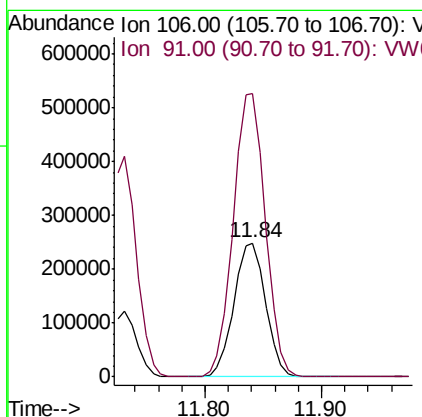
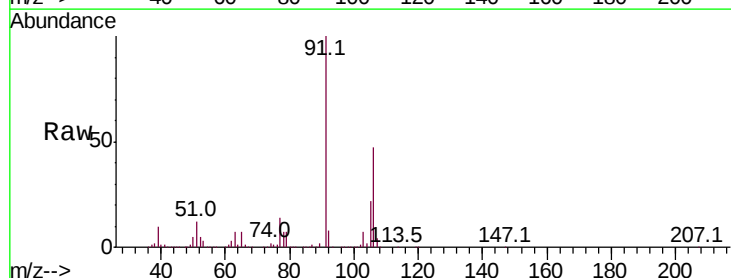
Instrument :
MSVOA_W
ClientSampleId :

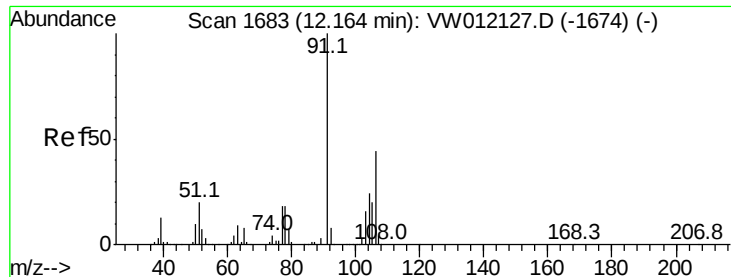
Tot Ion: 91 Resp: 656521
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5



#68
m/p-Xylenes
Concen: 109.634 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion: 106 Resp: 470665
Ion Ratio Lower Upper
106 100
91 214.4 169.5 254.3

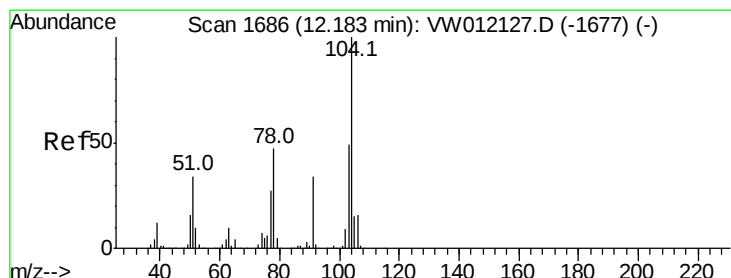
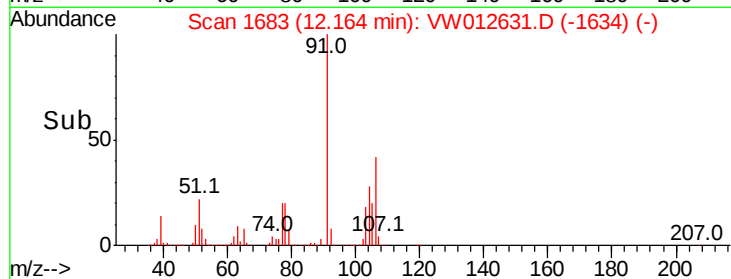
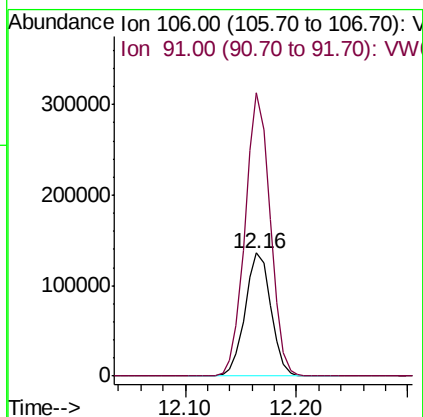
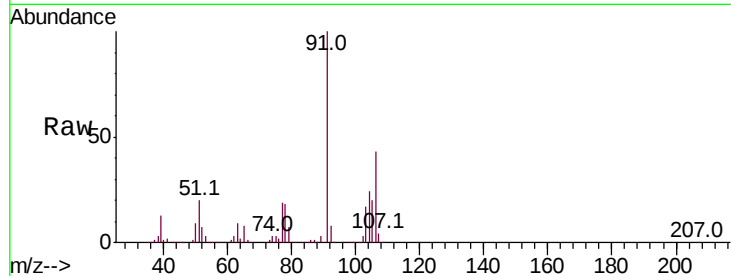




#69
o-Xylene
Concen: 55.283 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

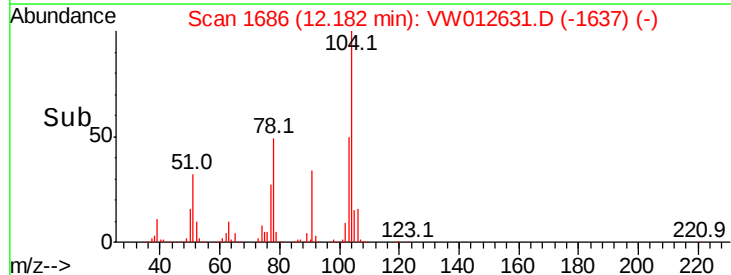
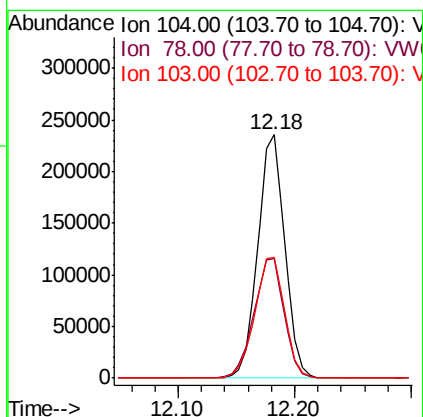
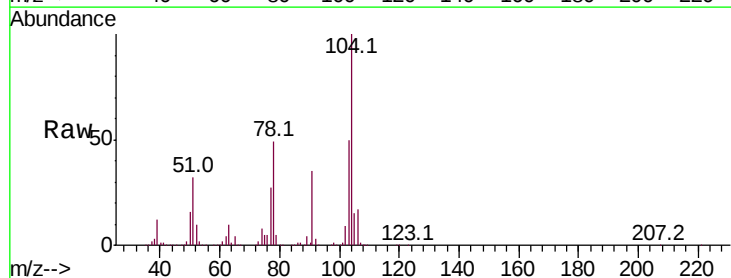
Instrument :
MSVOA_W
ClientSampled :

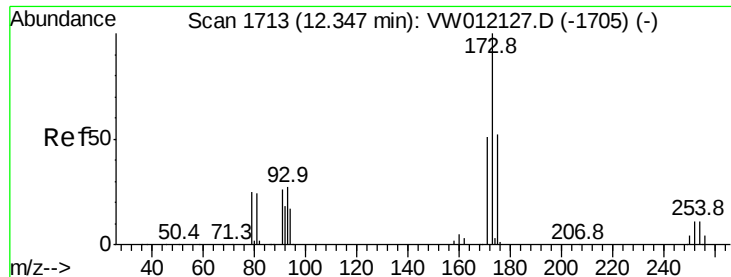
Tot Ion:106 Resp: 219660
Ion Ratio Lower Upper
106 100
91 223.4 111.6 334.6



#70
Styrene
Concen: 55.592 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion:104 Resp: 382335
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 54.8 43.5 65.3





#71

Bromoform

Concen: 59.486 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampled :

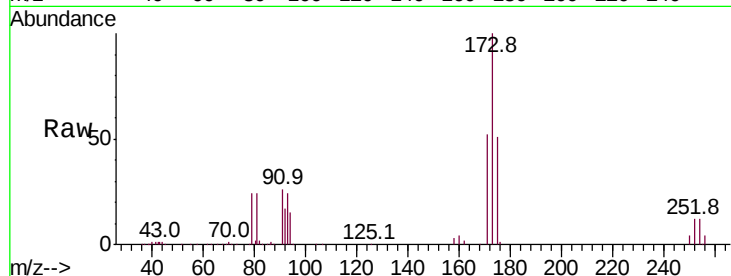
Tot Ion:173 Resp: 63969

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

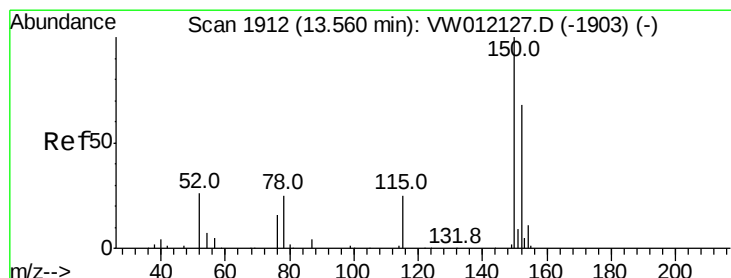
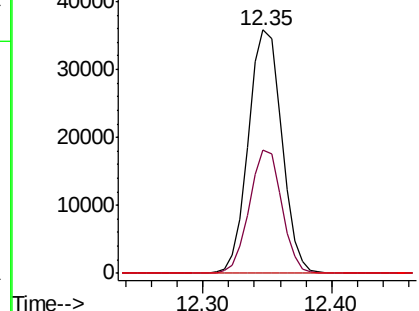
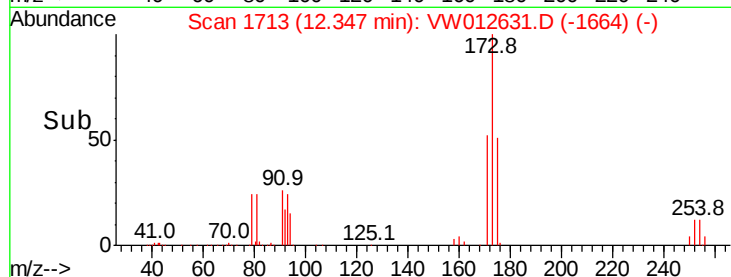
254 0.1 0.2 0.2#



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: VW012631.D

Acq: 05 Sep 2019 10:37

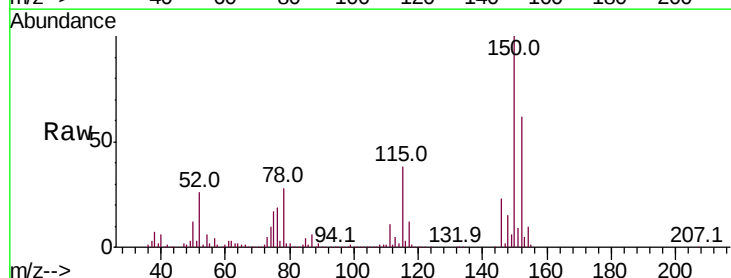
Tgt Ion:152 Resp: 156200

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

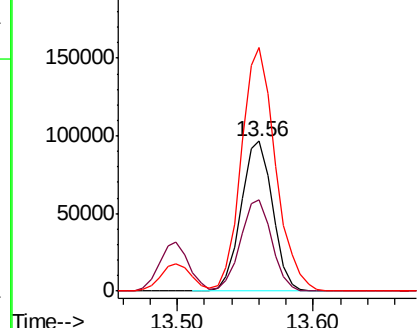
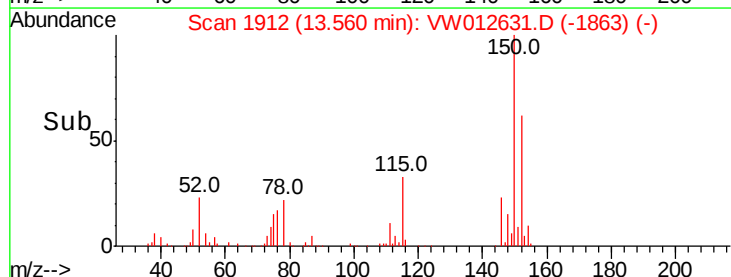
150 175.7 0.0 345.8

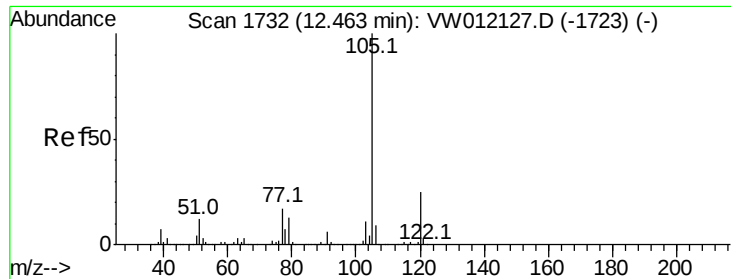


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.706 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

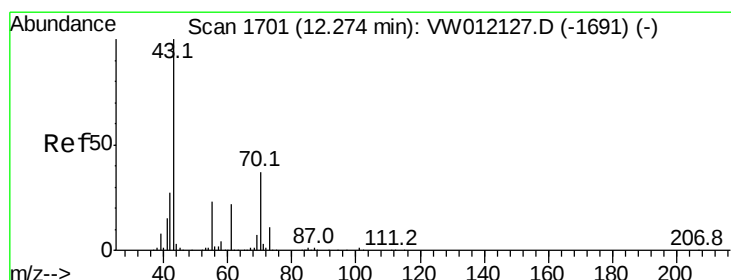
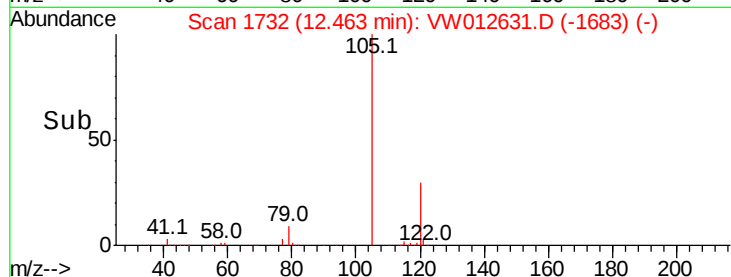
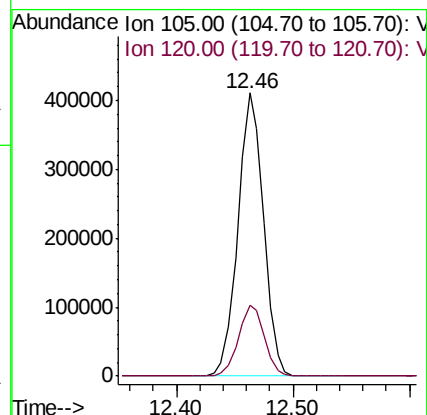
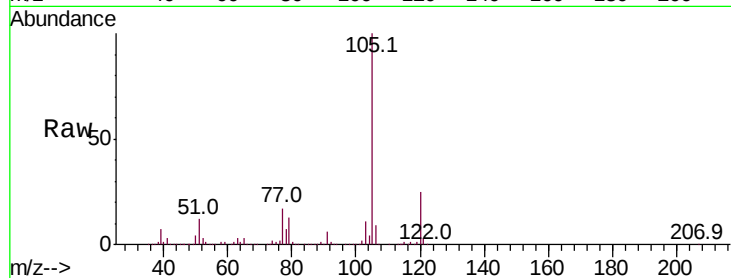
ClientSampleId :

Tot Ion:105 Resp: 628591

Ion Ratio Lower Upper

105 100

120 25.3 12.5 37.5



#74

N-ethyl acetate

Concen: 54.445 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Tgt Ion: 43 Resp: 192527

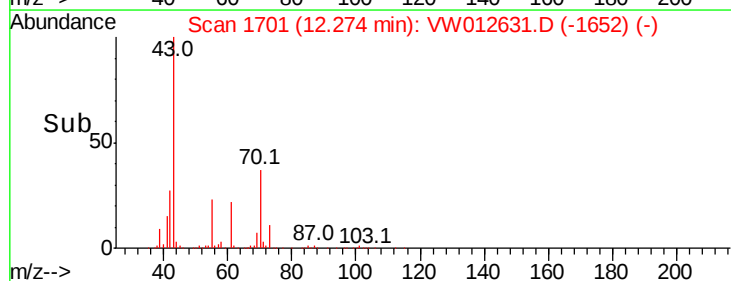
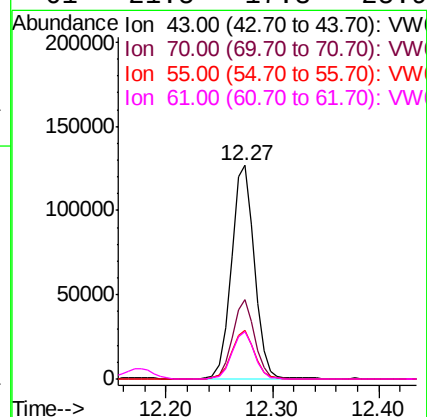
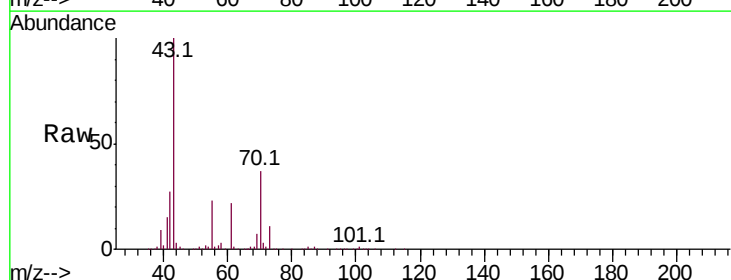
Ion Ratio Lower Upper

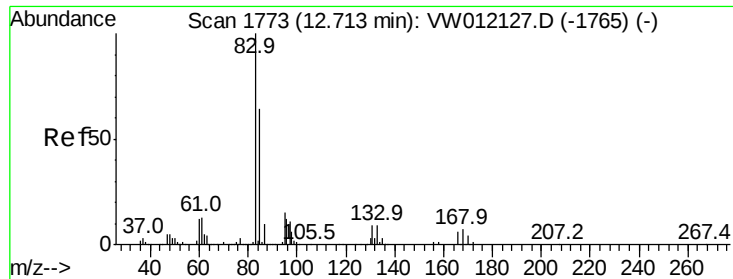
43 100

70 35.6 28.6 43.0

55 22.8 17.8 26.6

61 21.5 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.358 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampleId :

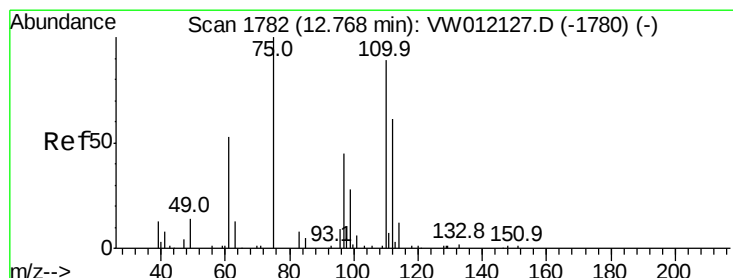
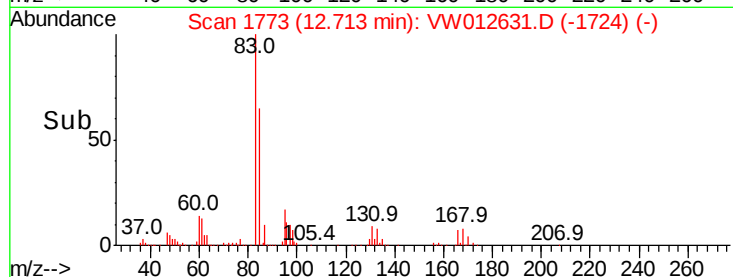
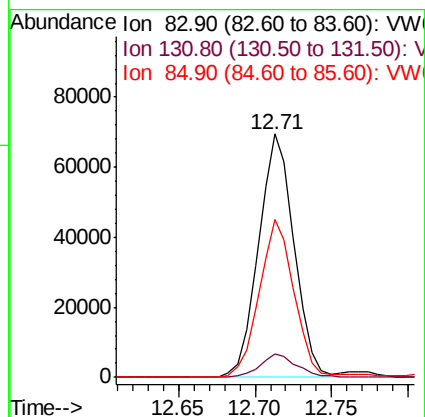
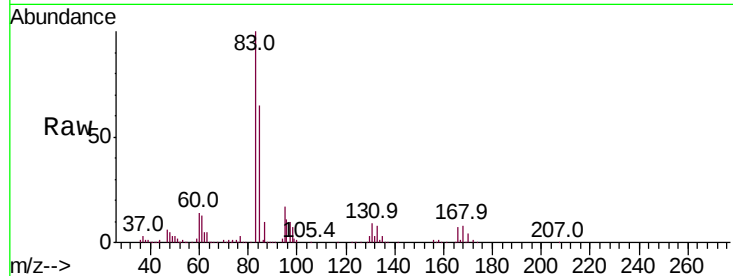
Tot Ion: 83 Resp: 112346

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

85 63.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 101.442 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012631.D

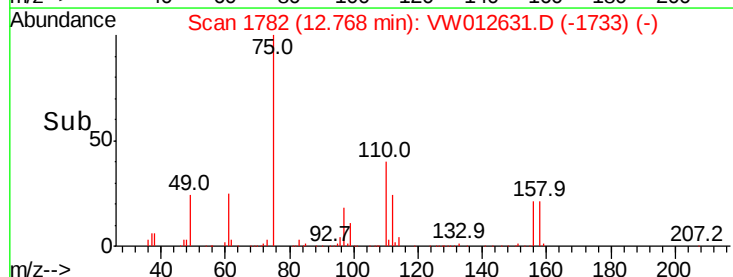
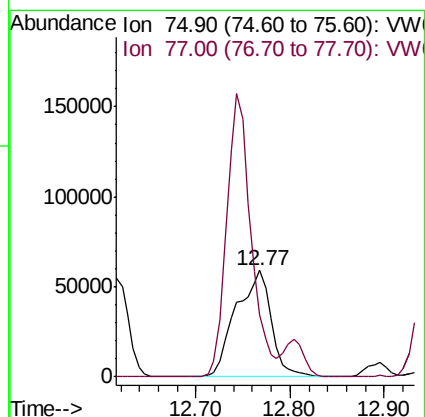
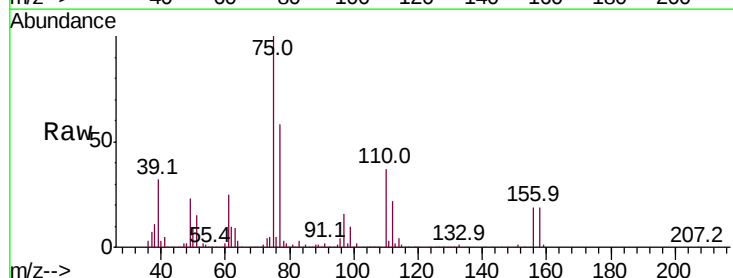
Acq: 05 Sep 2019 10:37

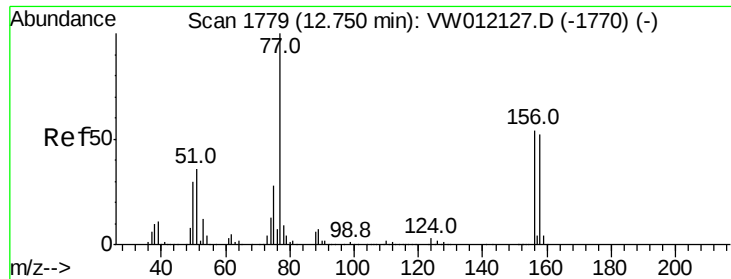
Tgt Ion: 75 Resp: 154322

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.652 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampled :

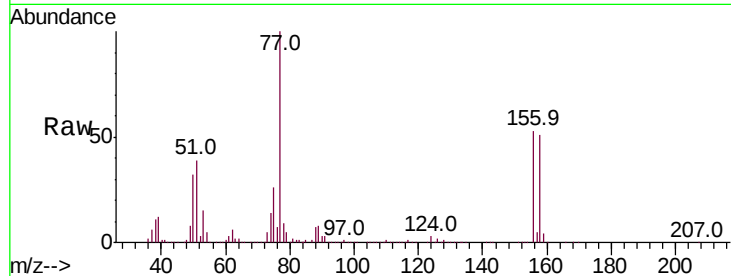
Tot Ion:156 Resp: 138385

Ion Ratio Lower Upper

156 100

77 205.1 107.3 321.8

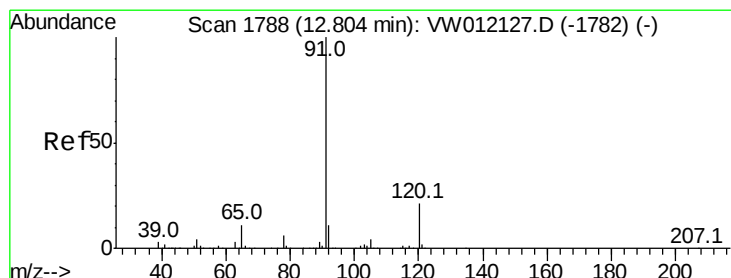
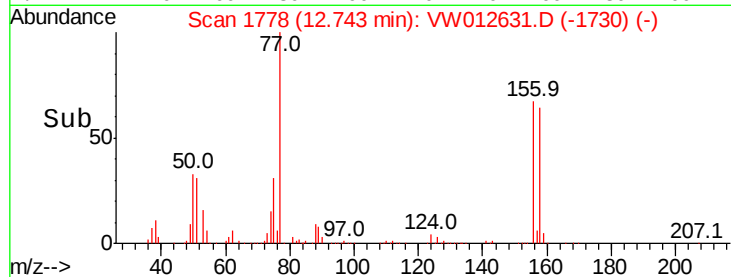
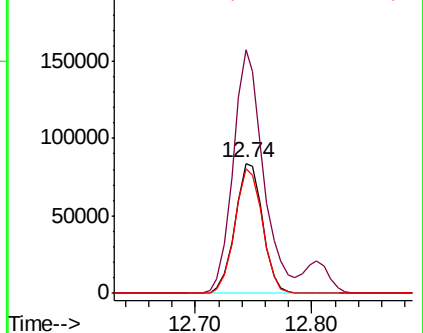
158 96.4 49.0 147.0



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: 53.927 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012631.D

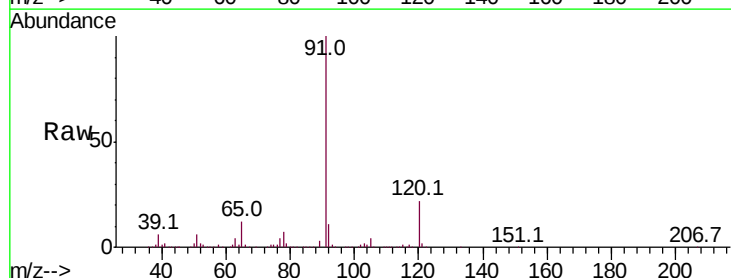
Acq: 05 Sep 2019 10:37

Tgt Ion: 91 Resp: 770538

Ion Ratio Lower Upper

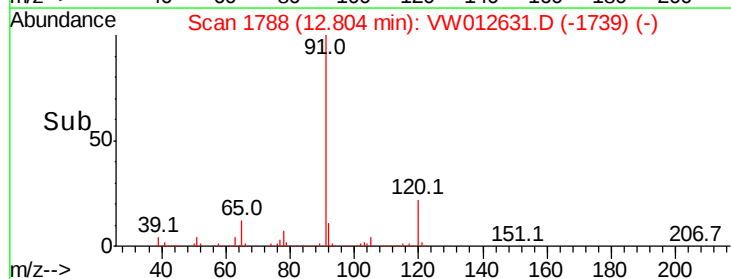
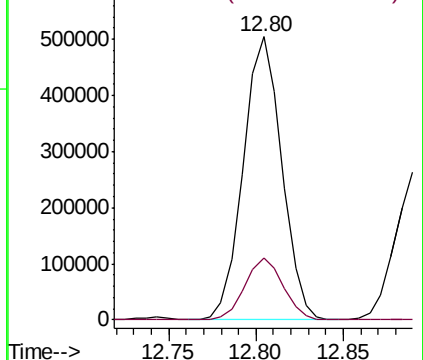
91 100

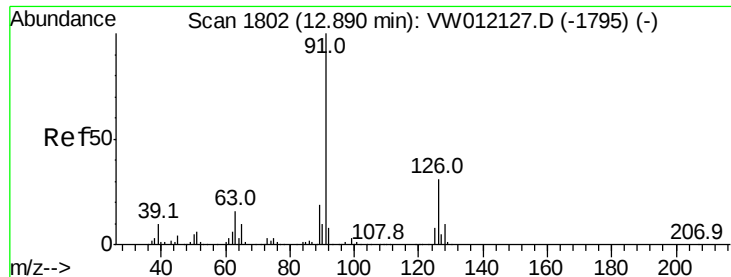
120 21.7 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

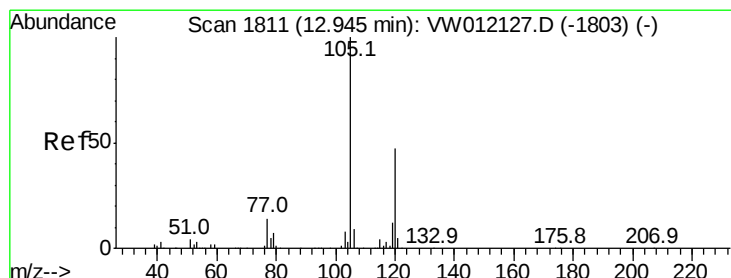
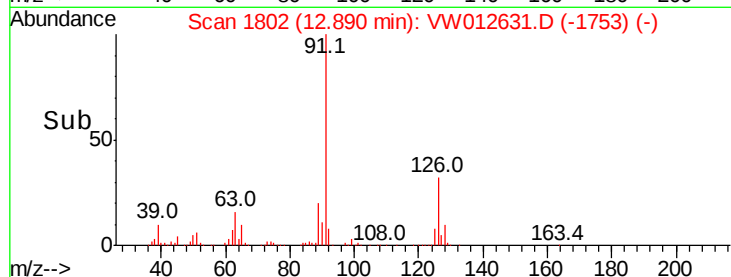
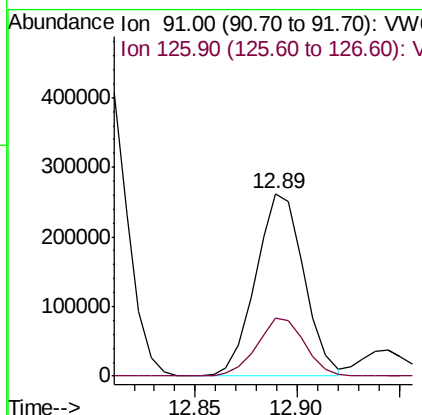
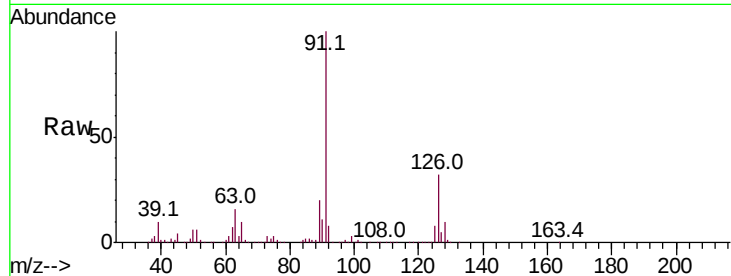




#79
 2-Chlorotoluene
 Concen: 52.966 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

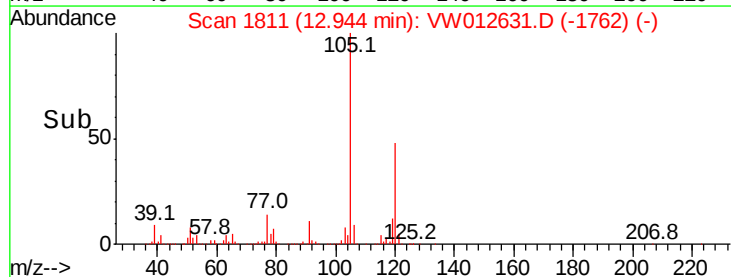
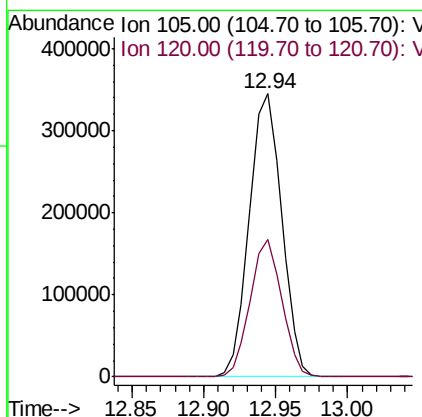
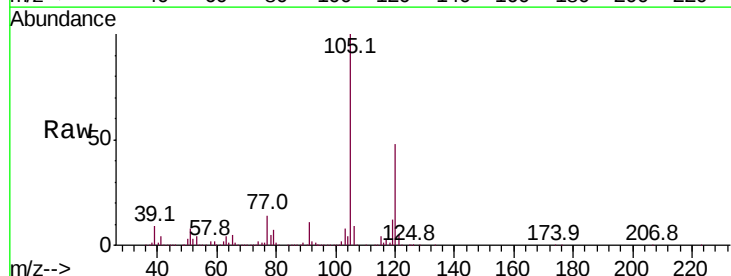
Instrument :
 MSVOA_W
 ClientSampled :

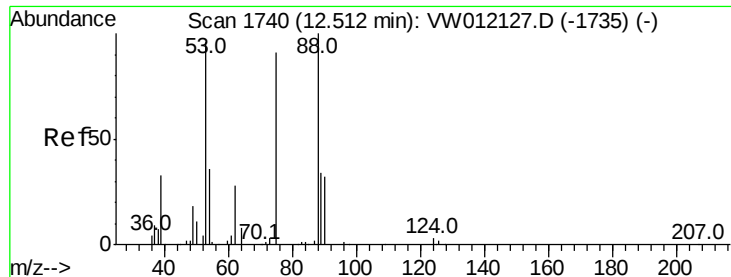
Tot Ion: 91 Resp: 429673
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 55.015 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

Tgt Ion:105 Resp: 538053
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.770 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampled :

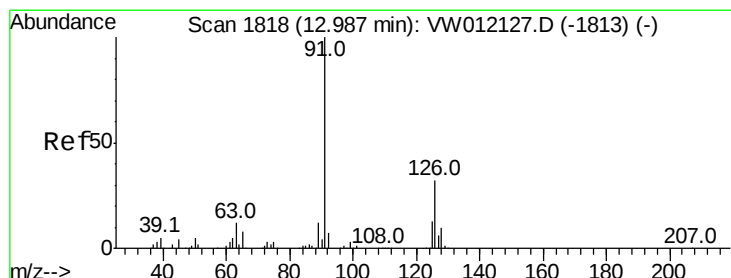
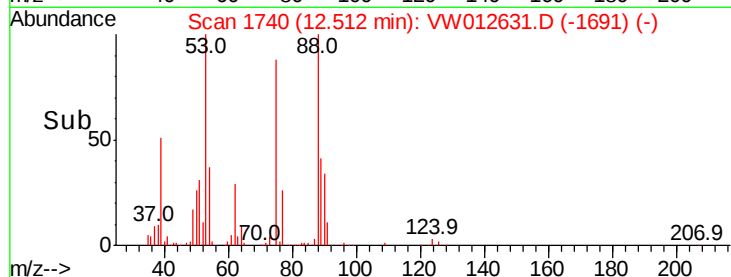
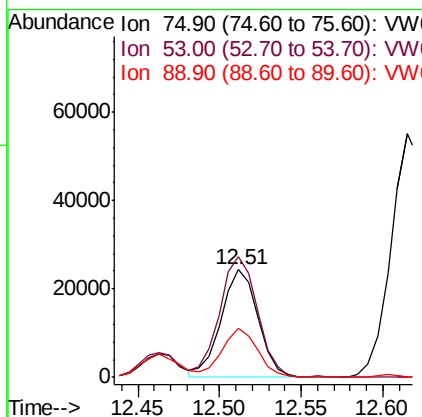
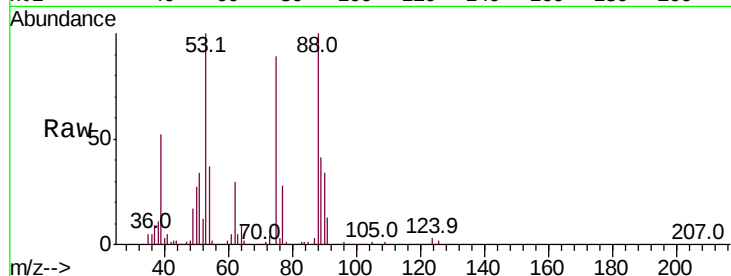
Tot Ion: 75 Resp: 38002

Ion Ratio Lower Upper

75 100

53 115.4 89.4 134.0

89 43.8 34.5 51.7



#82

4-Chlorotoluene

Concen: 53.714 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012631.D

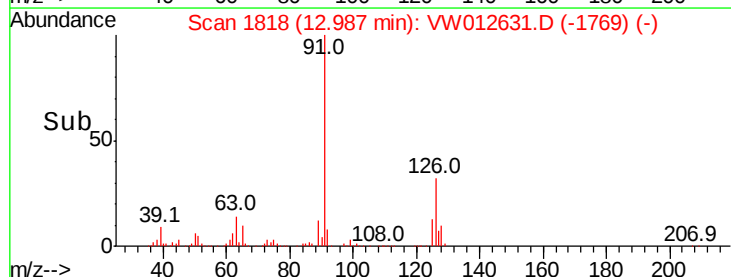
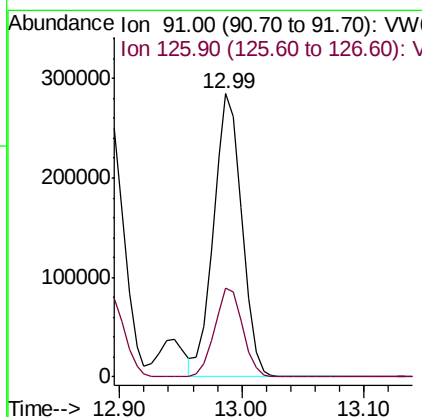
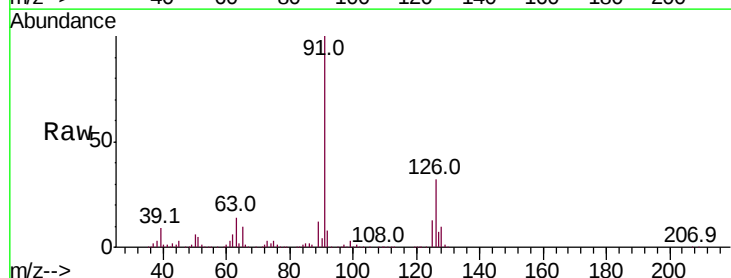
Acq: 05 Sep 2019 10:37

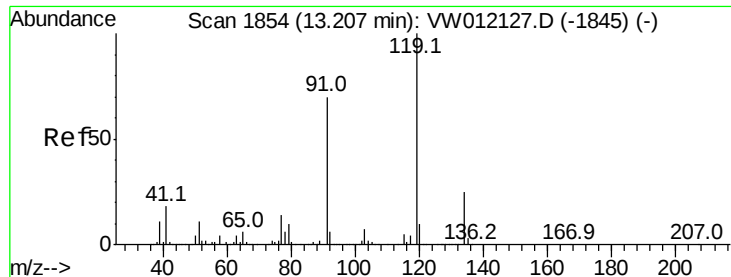
Tgt Ion: 91 Resp: 456254

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8

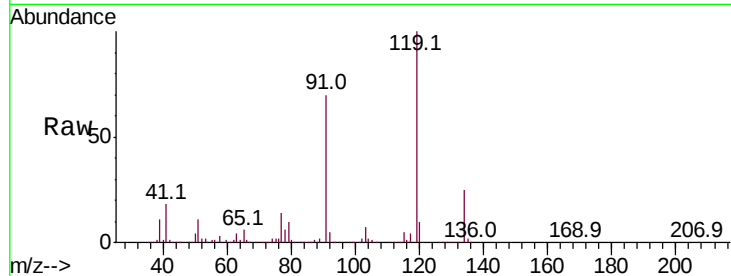




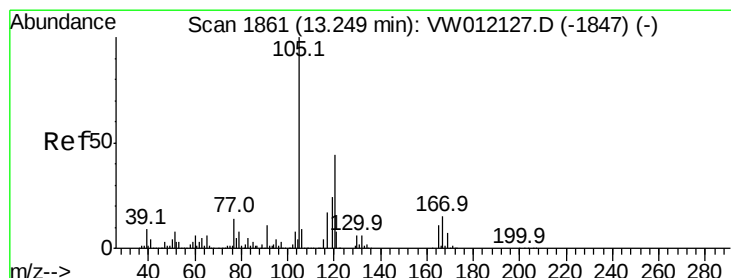
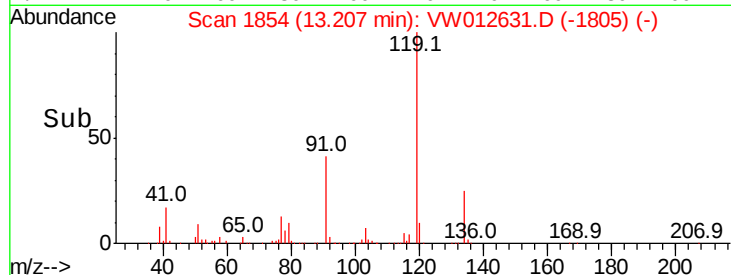
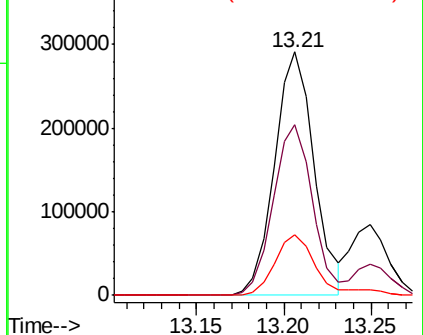
#83
tert-Butylbenzene
Concen: 55.569 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 460363
Ion Ratio Lower Upper
119 100
91 69.6 34.8 104.3
134 25.0 13.3 39.8

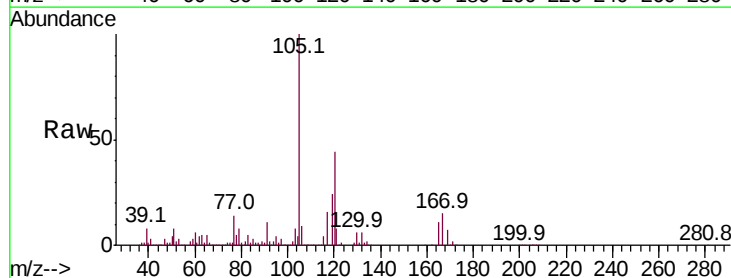


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

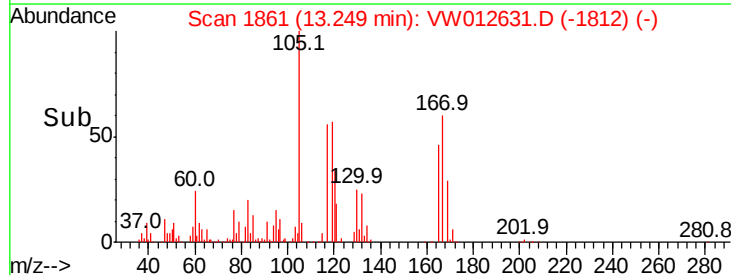
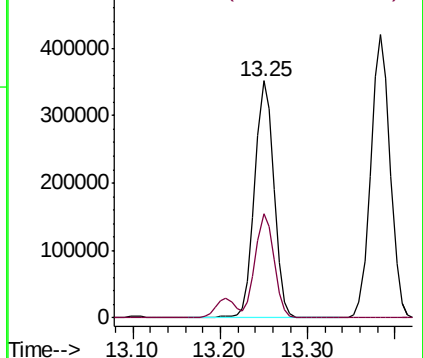


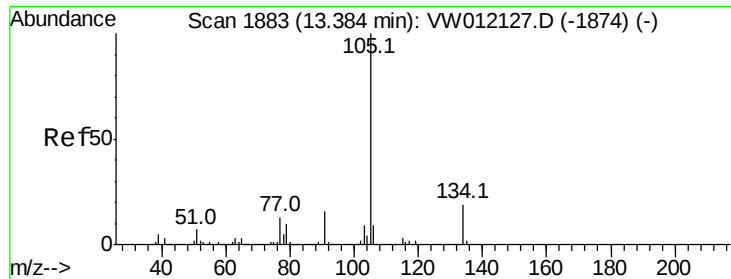
#84
1,2,4-Trimethylbenzene
Concen: 54.742 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion:105 Resp: 537809
Ion Ratio Lower Upper
105 100
120 42.8 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.657 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

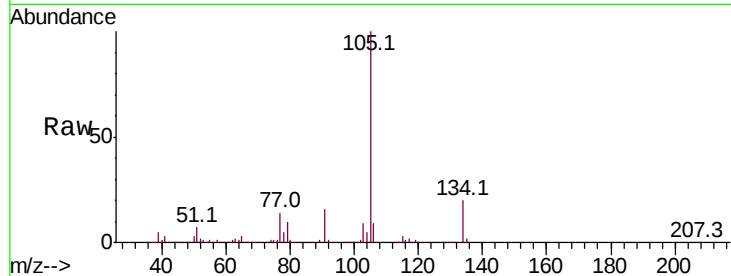
ClientSampleId :

Tot Ion:105 Resp: 648729

Ion Ratio Lower Upper

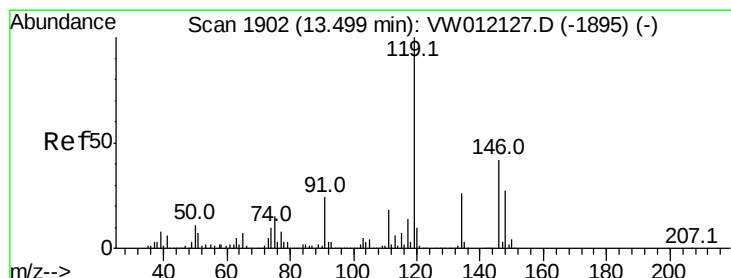
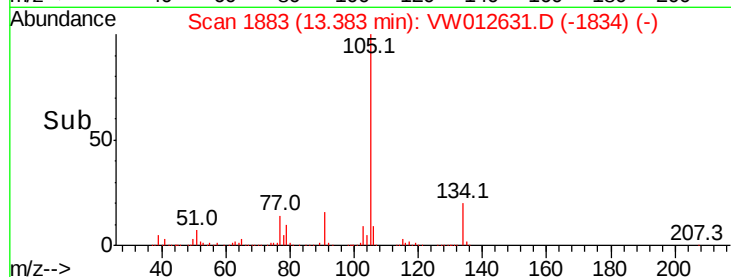
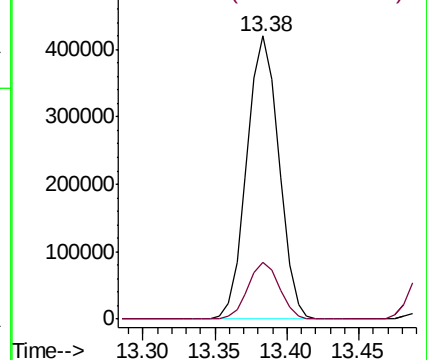
105 100

134 19.7 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.736 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

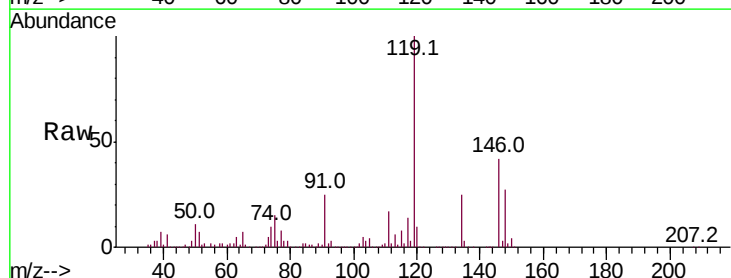
Tgt Ion:119 Resp: 590790

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

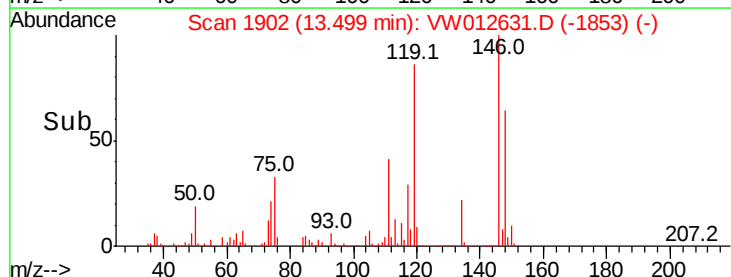
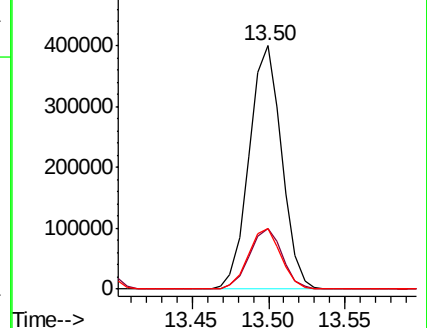
91 25.0 12.3 36.9

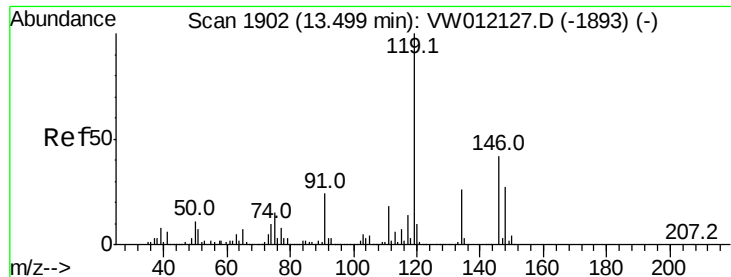


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.904 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampleId :

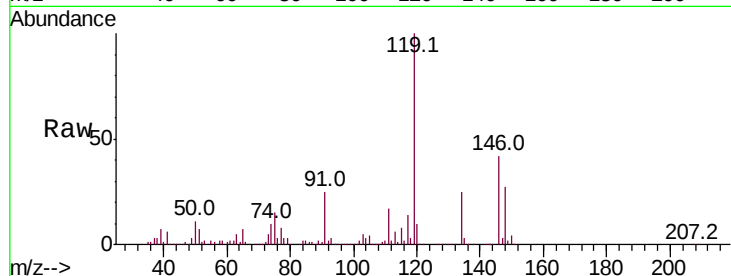
Tot Ion:146 Resp: 271922

Ion Ratio Lower Upper

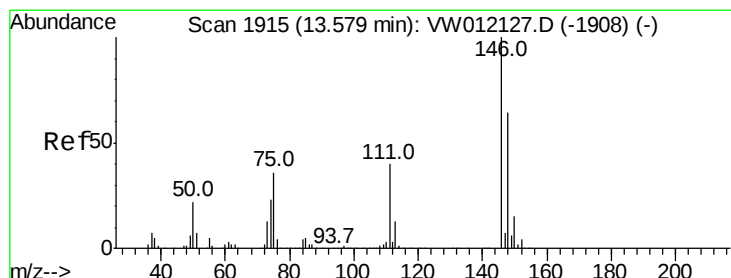
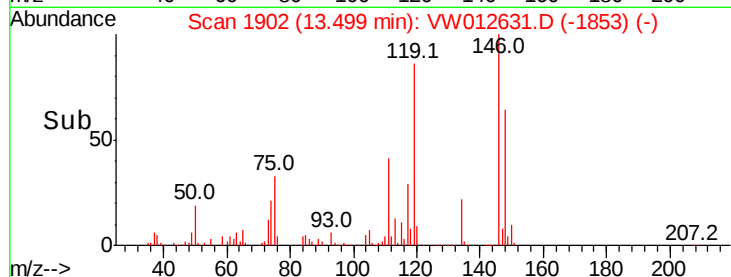
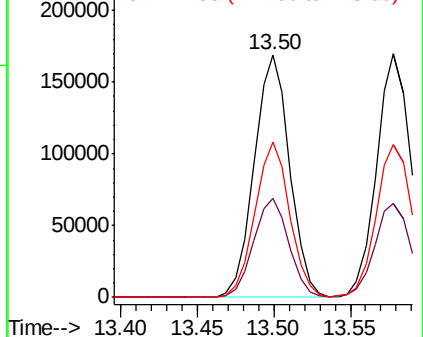
146 100

111 40.8 20.9 62.7

148 63.0 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 53.867 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

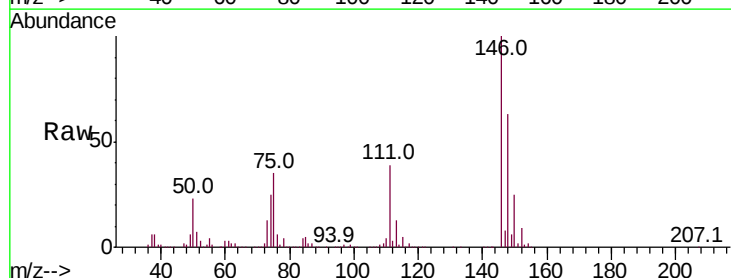
Tgt Ion:146 Resp: 264899

Ion Ratio Lower Upper

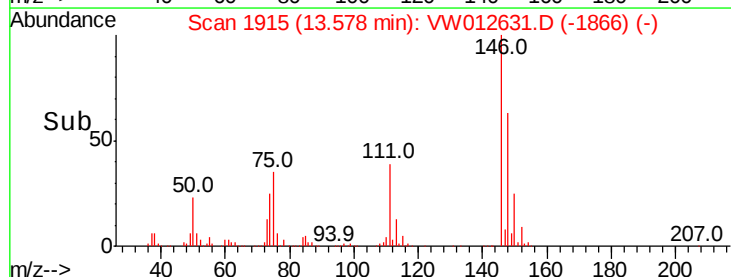
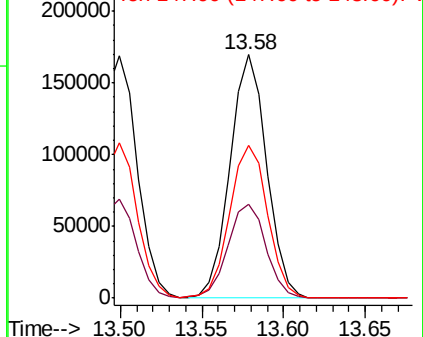
146 100

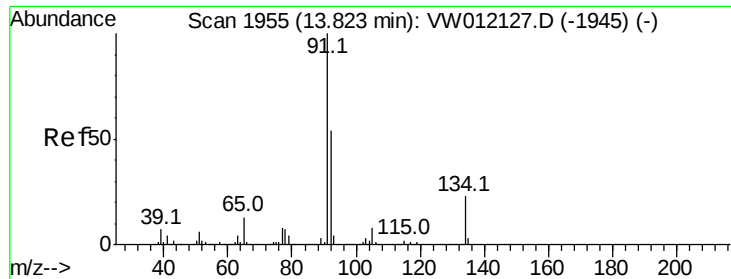
111 40.2 20.0 60.0

148 65.3 32.1 96.3



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

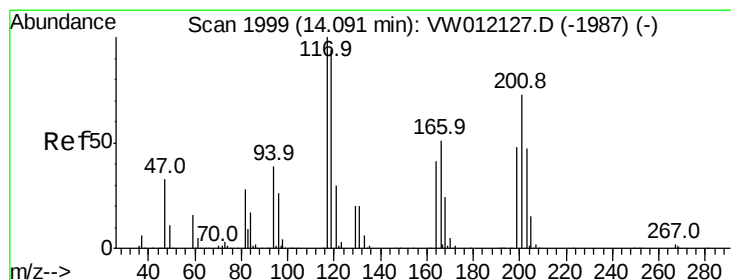
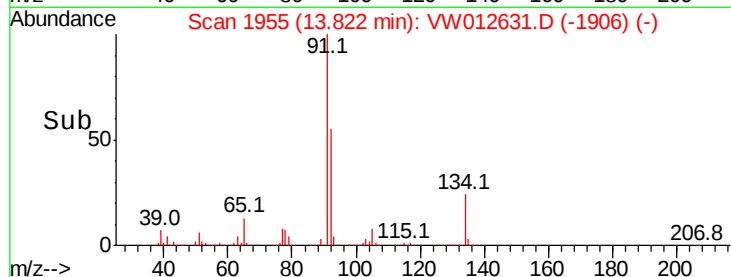
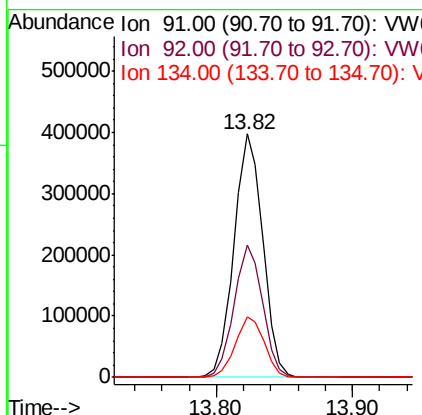
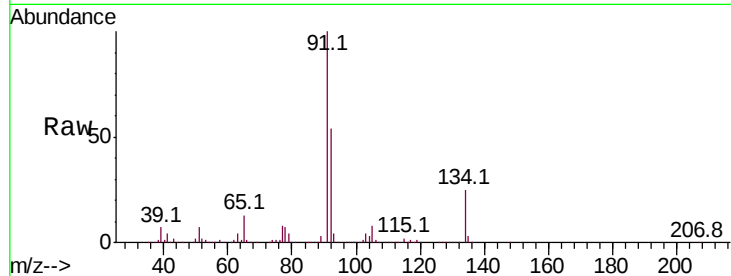




#89
n-Butylbenzene
Concen: 55.467 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

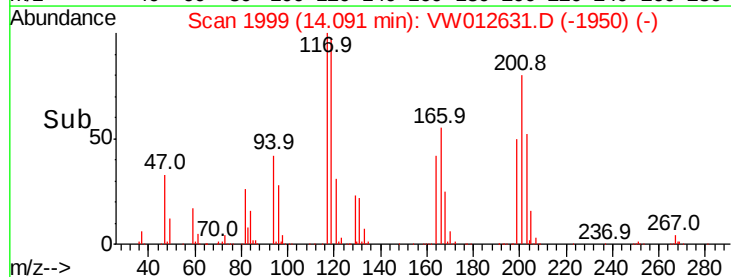
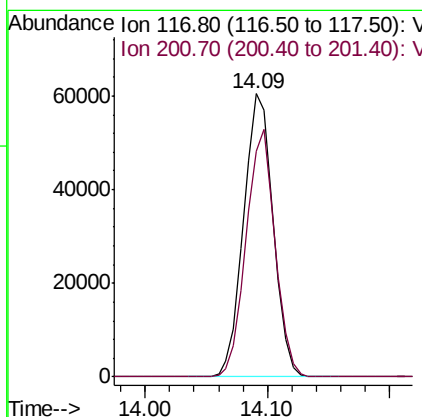
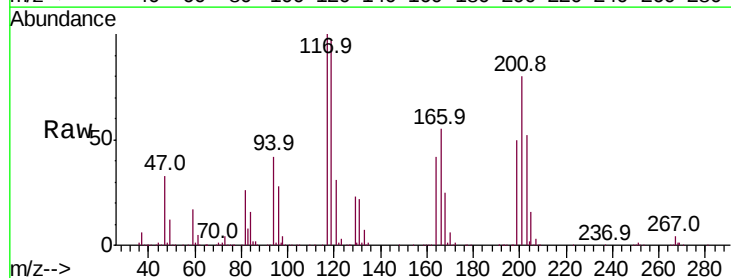
Instrument :
MSVOA_W
ClientSampled :

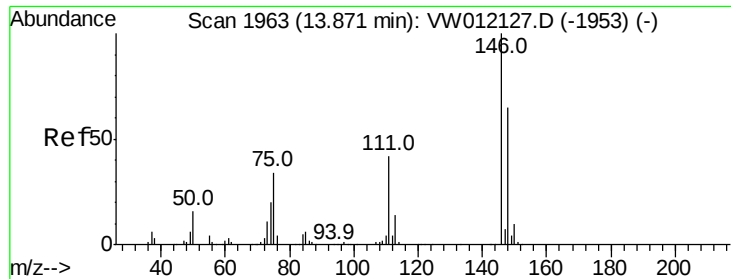
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.2
134	25.0	12.2	36.4



#90
Hexachloroethane
Concen: 54.689 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.8	38.6	115.7





#91

1,2-Dichlorobenzene

Concen: 56.236 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

Instrument :

MSVOA_W

ClientSampleId :

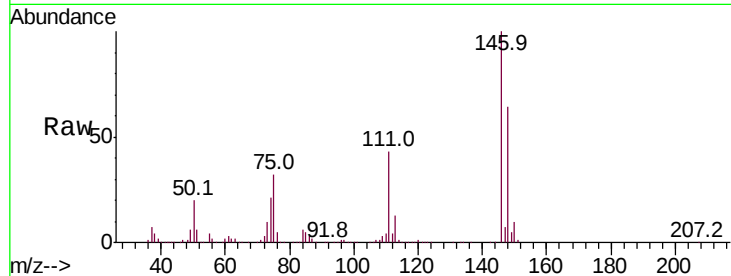
Tot Ion:146 Resp: 244336

Ion Ratio Lower Upper

146 100

111 42.6 21.2 63.6

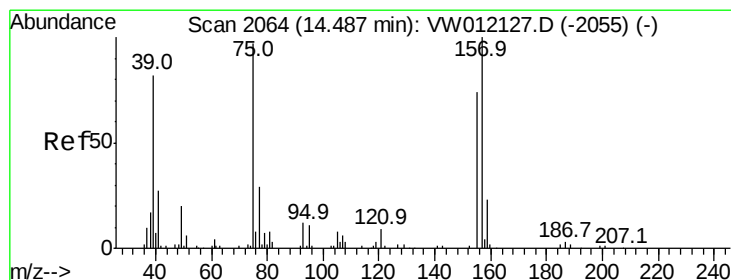
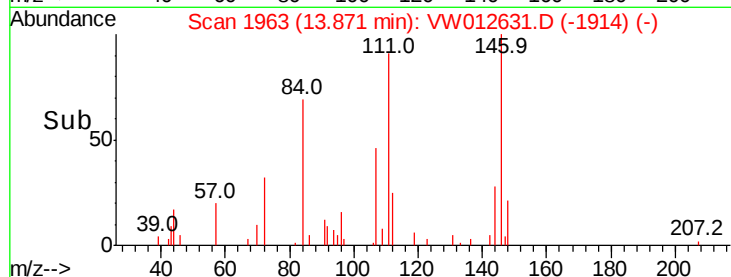
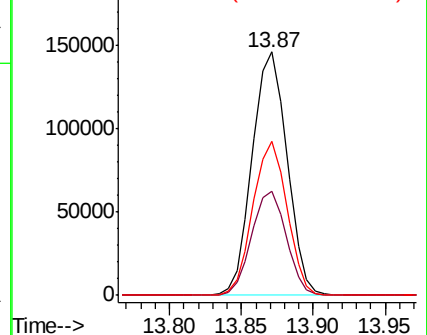
148 62.0 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.456 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW012631.D

Acq: 05 Sep 2019 10:37

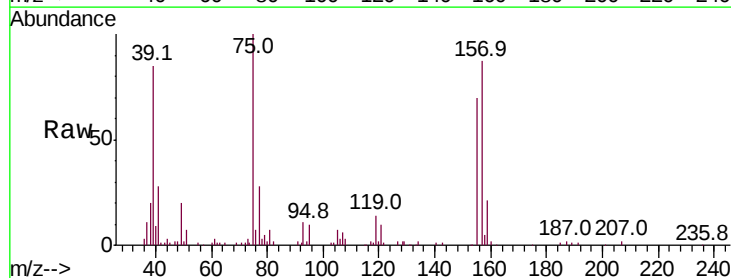
Tgt Ion: 75 Resp: 20784

Ion Ratio Lower Upper

75 100

155 73.7 37.5 112.3

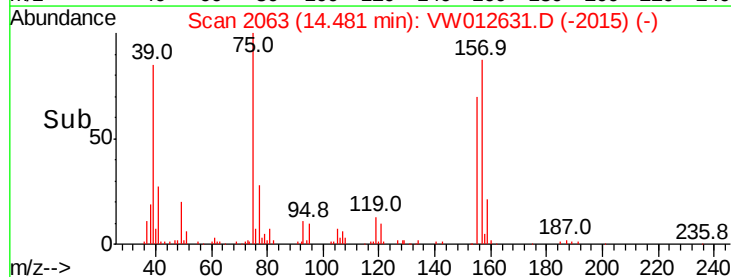
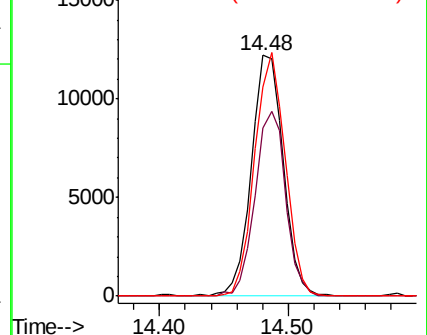
157 96.4 50.5 151.5

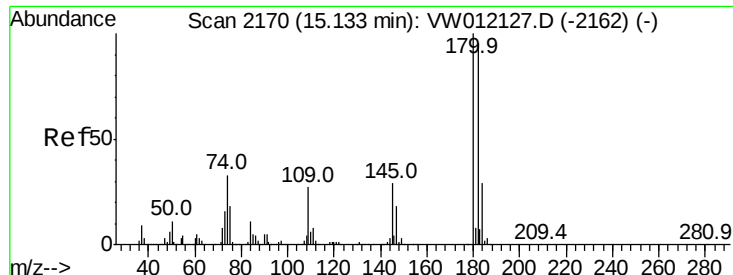


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

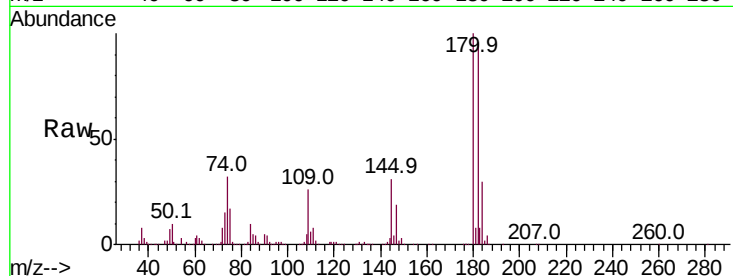




#93
 1,2,4-Trichlorobenzene
 Concen: 56.608 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.8	143.4
145	30.7	15.0	45.1

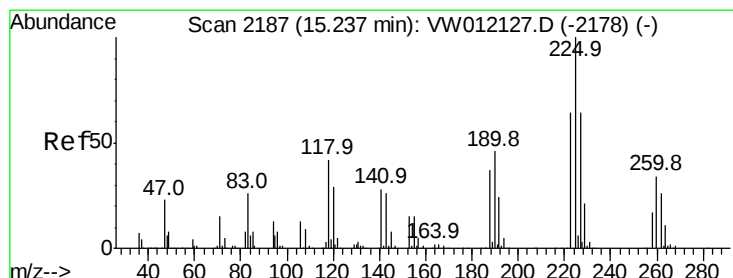
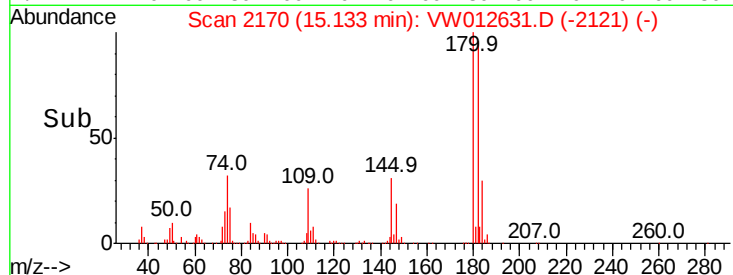
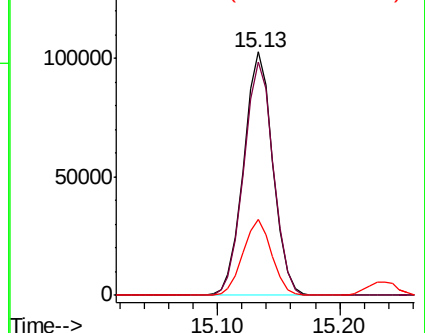


Abundance

Ion 179.80 (179.50 to 180.50): V

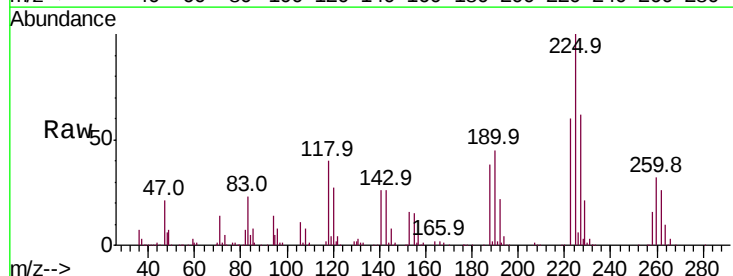
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 60.862 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012631.D
 Acq: 05 Sep 2019 10:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.3	96.8
227	62.2	32.9	98.6

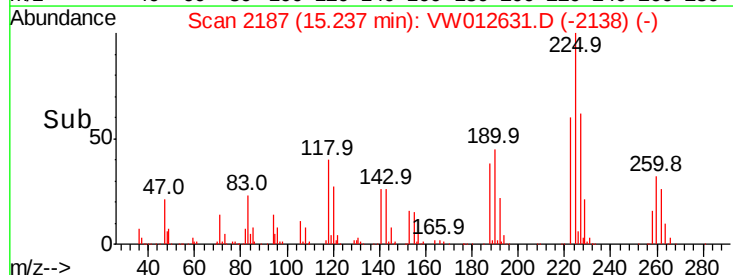
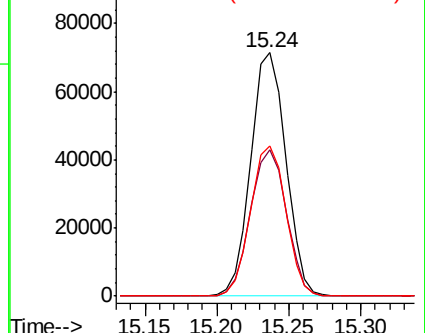


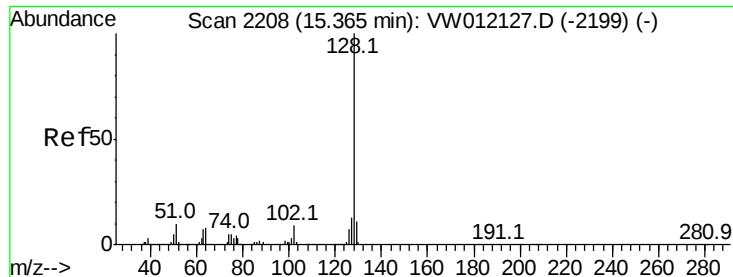
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

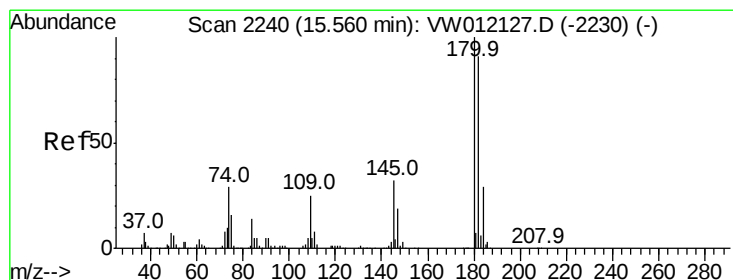
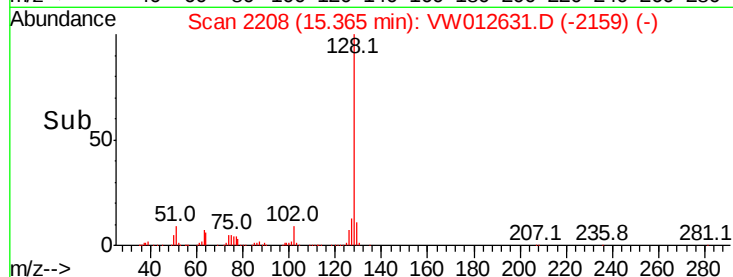
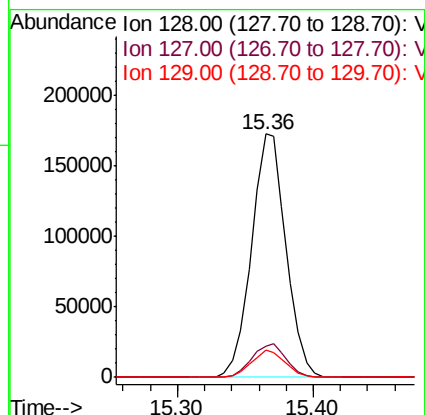
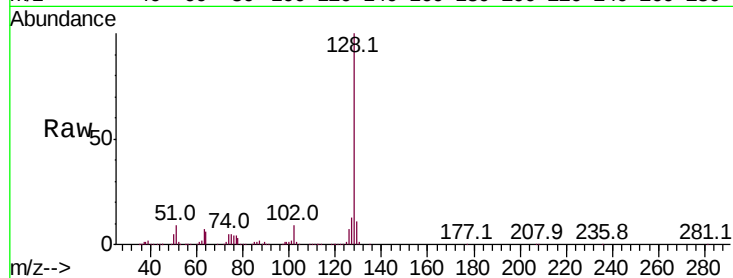




#95
Naphthalene
Concen: 51.741 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.299 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012631.D
Acq: 05 Sep 2019 10:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.1	141.3
145	32.1	16.2	48.5

