

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
 Data File : VW012061.D
 Acq On : 21 Aug 2019 10:33
 Operator : SY/VA
 Sample : VW0821SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Quant Time: Aug 22 05:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	150521	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	7.88	113	121853	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	10.32	98	495299	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.62	95	177430	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	33422	24.141	ug/l 91
3) Chloromethane	2.21	50	50322	20.961	ug/l 98
4) Vinyl Chloride	2.36	62	61828	21.392	ug/l 96
5) Bromomethane	2.77	94	30500	19.065	ug/l 100
6) Chloroethane	2.92	64	34588	20.950	ug/l 97
7) Trichlorofluoromethane	3.25	101	31520	24.402	ug/l 97
8) Diethyl Ether	3.68	74	31790	21.706	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54257	22.143	ug/l 99
10) Methyl Iodide	4.28	142	73431	21.206	ug/l 100
11) Tert butyl alcohol	5.18	59	20849	87.443	ug/l 97
12) 1,1-Dichloroethene	4.04	96	54478	21.057	ug/l 96
13) Acrolein	3.89	56	12195	59.581	ug/l 97
14) Allyl chloride	4.67	41	115503	20.990	ug/l 100
15) Acrylonitrile	5.37	53	78107	106.837	ug/l 100
16) Acetone	4.13	43	79091	87.163	ug/l 98
17) Carbon Disulfide	4.38	76	152893	18.882	ug/l 100
18) Methyl Acetate	4.67	43	44855	22.005	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	92894	22.626	ug/l 97
20) Methylene Chloride	4.92	84	61548	19.668	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	59332	21.271	ug/l 97
22) Diisopropyl ether	6.31	45	225970	21.781	ug/l 98
23) Vinyl Acetate	6.25	43	693140	106.328	ug/l 99
24) 1,1-Dichloroethane	6.21	63	119165	21.447	ug/l 98
25) 2-Butanone	7.17	43	116718	98.302	ug/l 98
26) 2,2-Dichloropropane	7.16	77	66672	19.512	ug/l 97
27) cis-1,2-Dichloroethene	7.16	96	65468	21.326	ug/l 98
28) Bromochloromethane	7.51	49	55570	22.532	ug/l 98
29) Tetrahydrofuran	7.53	42	73181	107.826	ug/l 99
30) Chloroform	7.68	83	111048	21.663	ug/l 98
31) Cyclohexane	7.95	56	113173	21.219	ug/l 94
32) 1,1,1-Trichloroethane	7.87	97	86142	22.066	ug/l 99
36) 1,1-Dichloropropene	8.09	75	91848	22.337	ug/l 99
37) Ethyl Acetate	7.25	43	52947	22.381	ug/l 99
38) Carbon Tetrachloride	8.07	117	77011	21.878	ug/l 99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98776	21.816	ug/l	99
40) Benzene	8.32	78	250848	21.779	ug/l	99
41) Methacrylonitrile	7.48	41	32085	22.689	ug/l	97
42) 1,2-Dichloroethane	8.40	62	78311	21.717	ug/l	99
43) Isopropyl Acetate	8.43	43	95494	21.949	ug/l	99
44) Trichloroethene	9.09	130	60596	21.890	ug/l	99
45) 1,2-Dichloropropane	9.37	63	67207	21.808	ug/l	96
46) Dibromomethane	9.46	93	30437	21.639	ug/l	99
47) Bromodichloromethane	9.65	83	78350	21.235	ug/l	97
48) Methyl methacrylate	9.43	41	45056	21.559	ug/l	94
49) 1,4-Dioxane	9.46	88	9440	463.511	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	251274	111.035	ug/l	99
52) Toluene	10.39	92	153090	22.010	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	81958	21.264	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	96869	21.138	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43509	21.801	ug/l	99
56) Ethyl methacrylate	10.65	69	64844	22.204	ug/l	99
57) 1,3-Dichloropropane	10.93	76	82776	21.923	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	166649	125.681	ug/l	99
59) 2-Hexanone	10.97	43	175772	110.006	ug/l	99
60) Dibromochloromethane	11.13	129	47761	21.560	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41187	21.808	ug/l	99
64) Tetrachloroethene	10.86	164	49444	22.063	ug/l	99
65) Chlorobenzene	11.66	112	154503	22.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53236	22.086	ug/l	99
67) Ethyl Benzene	11.73	91	293189	22.246	ug/l	99
68) m/p-Xylenes	11.84	106	215287	44.918	ug/l	99
69) o-Xylene	12.16	106	99298	22.295	ug/l	99
70) Styrene	12.18	104	171536	22.275	ug/l	100
71) Bromoform	12.35	173	26963	21.940	ug/l #	100
73) Isopropylbenzene	12.46	105	278438	22.423	ug/l	100
74) N-amyl acetate	12.27	43	86528	22.257	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	53145	22.753	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68933	39.139	ug/l #	100
77) Bromobenzene	12.75	156	59984	21.855	ug/l	98
78) n-propylbenzene	12.80	91	340024	22.500	ug/l	100
79) 2-Chlorotoluene	12.89	91	194448	22.334	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	234470	22.526	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16404	21.465	ug/l	97
82) 4-Chlorotoluene	12.99	91	200880	21.991	ug/l	99
83) tert-Butylbenzene	13.21	119	199417	22.910	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	234384	22.353	ug/l	100
85) sec-Butylbenzene	13.38	105	283773	22.848	ug/l	100
86) p-Isopropyltoluene	13.50	119	254783	22.609	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	118391	21.999	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	117301	21.911	ug/l	98
89) n-Butylbenzene	13.82	91	249686	22.203	ug/l	99
90) Hexachloroethane	14.09	117	43013	21.585	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	106933	22.466	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9180	23.048	ug/l	93

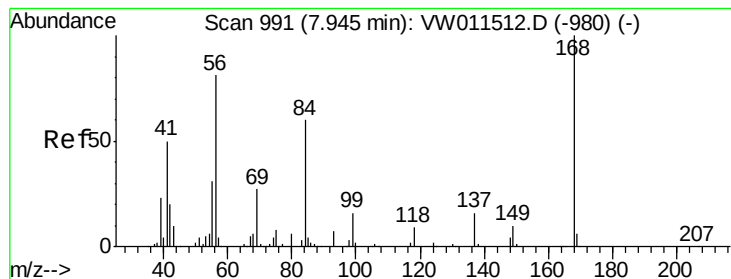
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
Data File : VW012061.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	76098	22.685	ug/l	99
94) Hexachlorobutadiene	15.24	225	48007	22.948	ug/l	98
95) Naphthalene	15.37	128	135946	21.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	65333	22.218	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: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

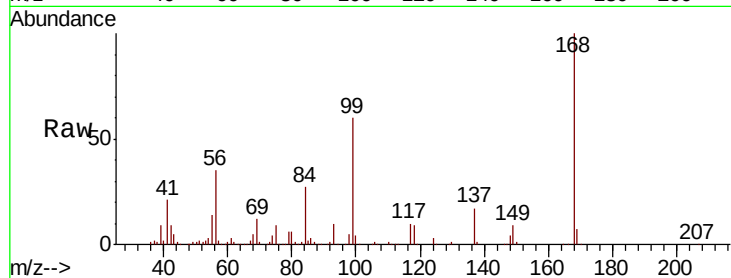
VW0821SBSD01

Tgt Ion:168 Resp: 248419

Ion Ratio Lower Upper

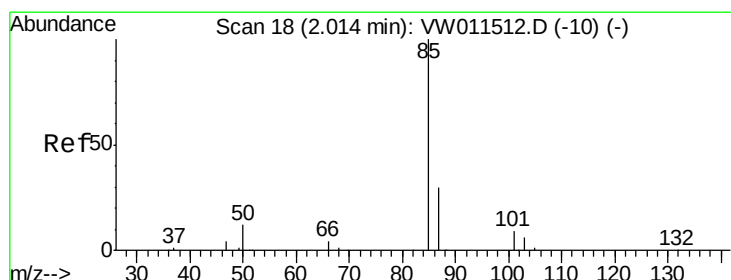
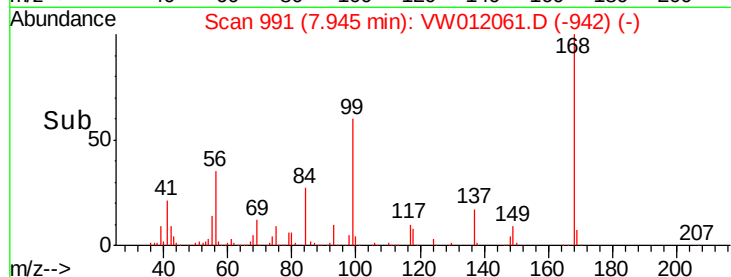
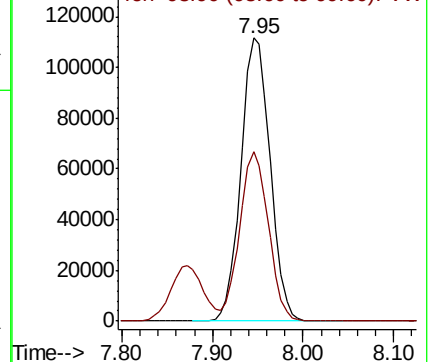
168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 24.141 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012061.D

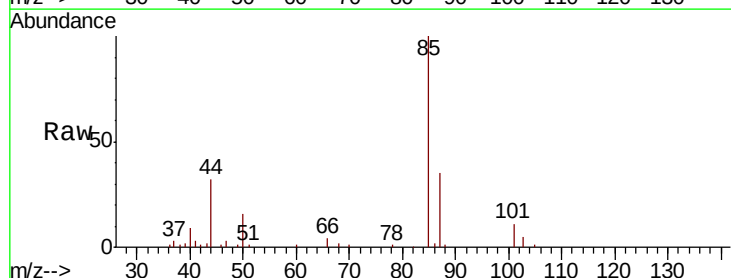
Acq: 21 Aug 2019 10:33

Tgt Ion: 85 Resp: 33422

Ion Ratio Lower Upper

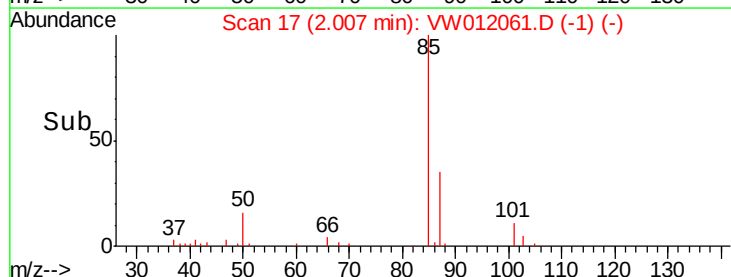
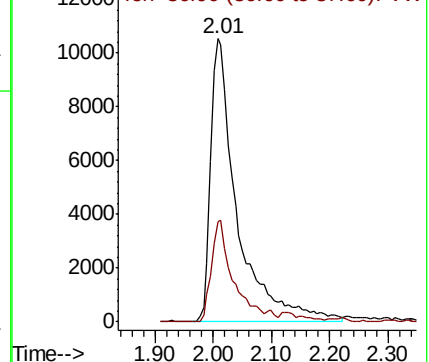
85 100

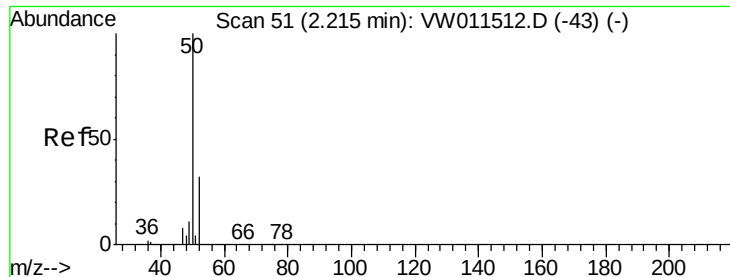
87 35.5 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.961 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

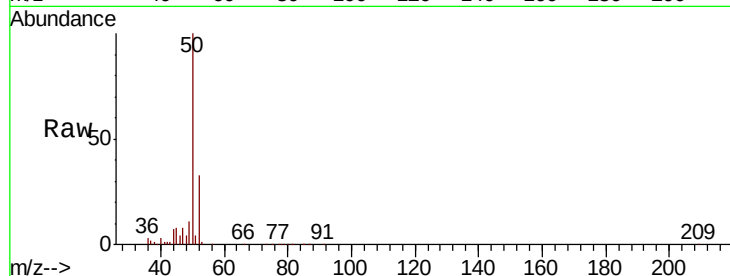
VW0821SBSD01

Tgt Ion: 50 Resp: 50322

Ion Ratio Lower Upper

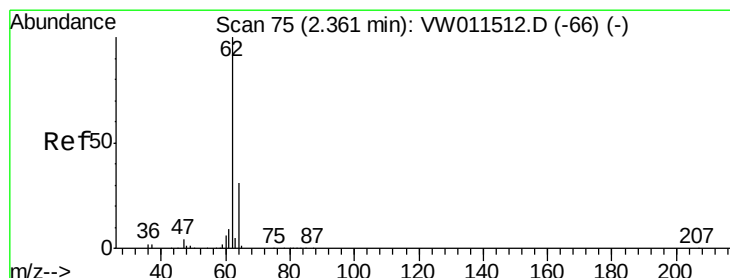
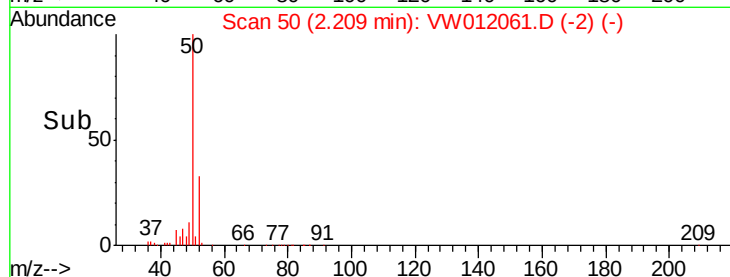
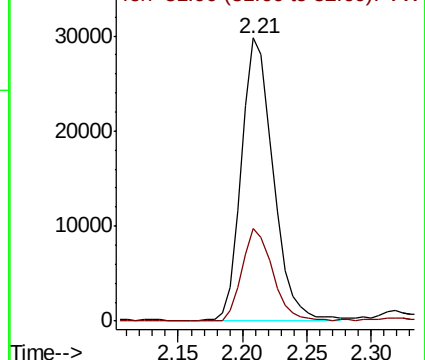
50 100

52 32.7 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.392 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012061.D

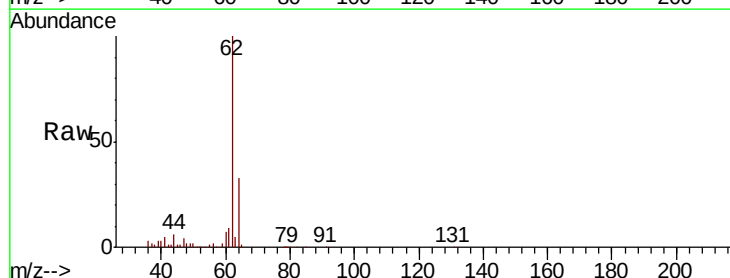
Acq: 21 Aug 2019 10:33

Tgt Ion: 62 Resp: 61828

Ion Ratio Lower Upper

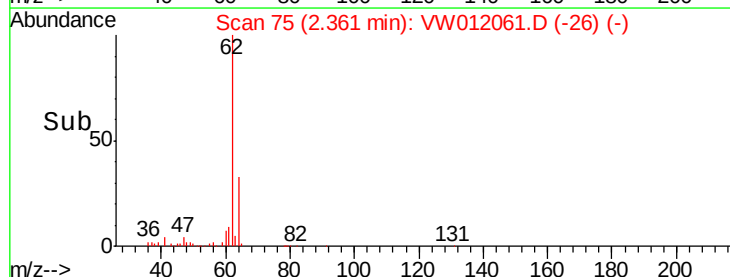
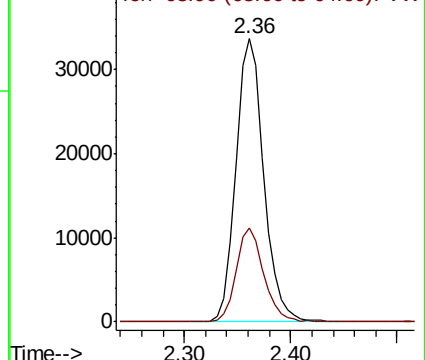
62 100

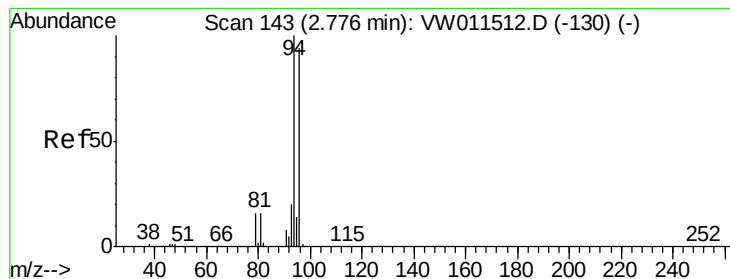
64 33.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.065 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

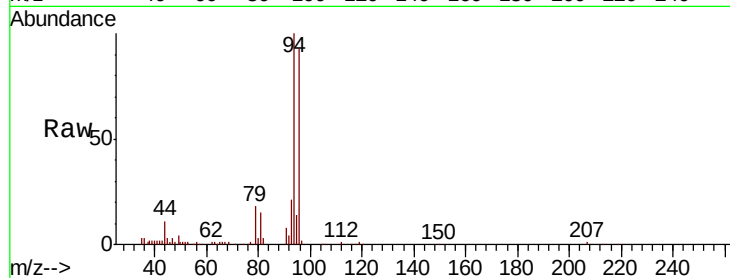
VW0821SBSD01

Tgt Ion: 94 Resp: 30500

Ion Ratio Lower Upper

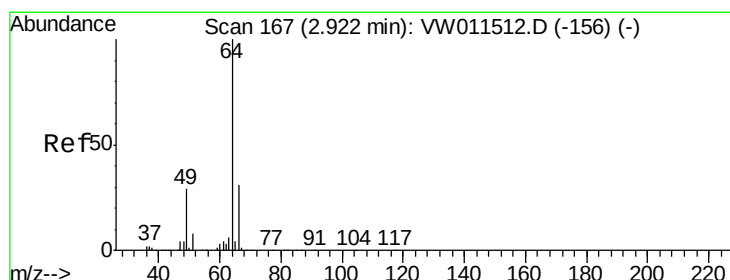
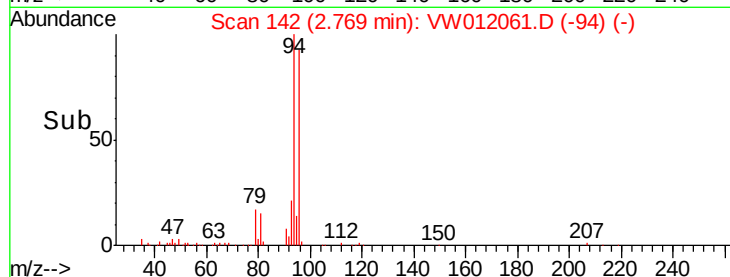
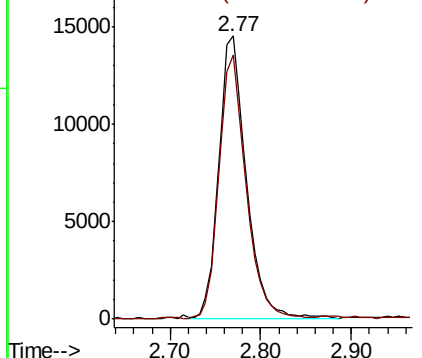
94 100

96 93.7 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.950 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012061.D

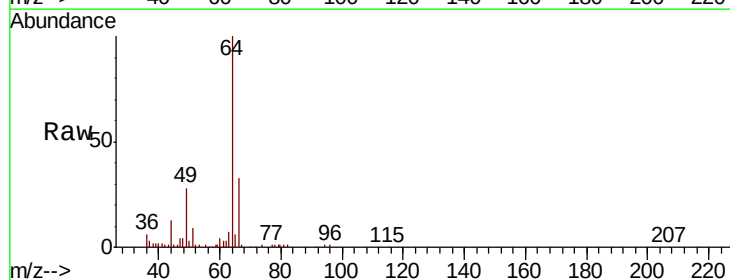
Acq: 21 Aug 2019 10:33

Tgt Ion: 64 Resp: 34588

Ion Ratio Lower Upper

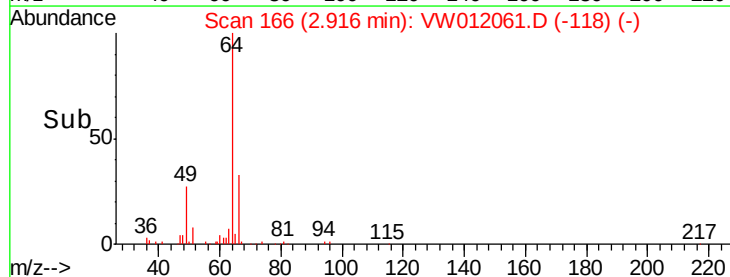
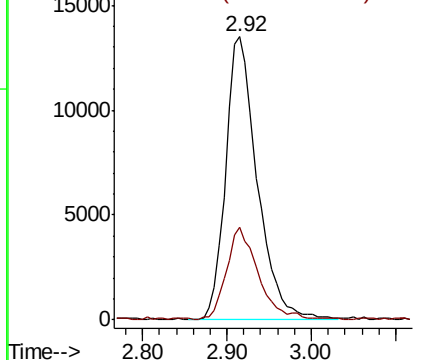
64 100

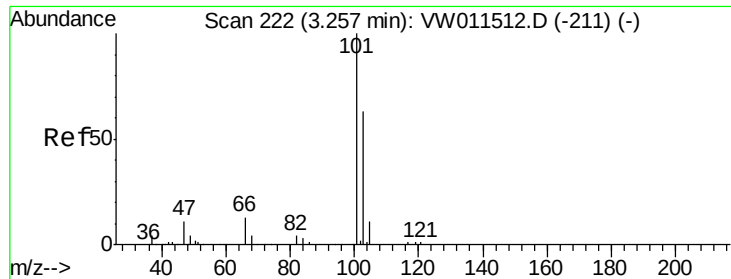
66 32.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



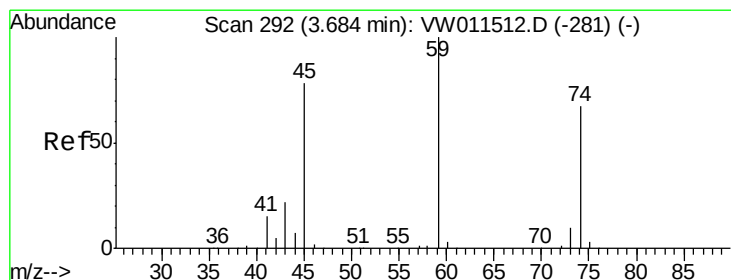
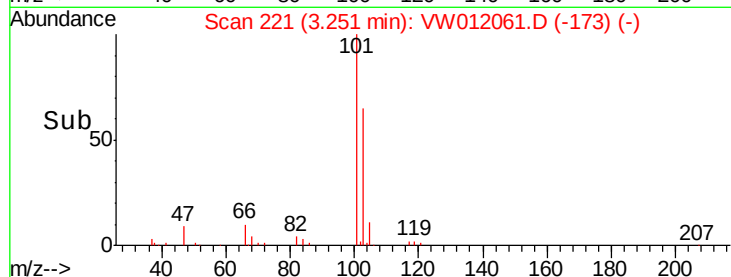
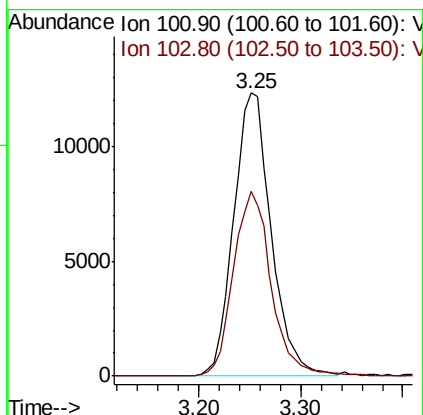
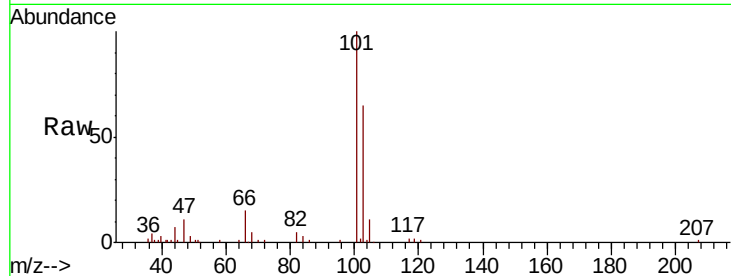


#7

Trichlorofluoromethane
 Concen: 24.402 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

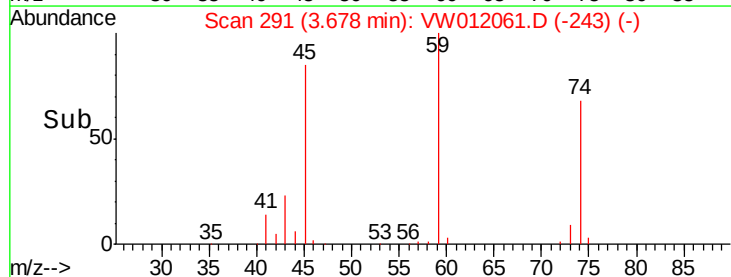
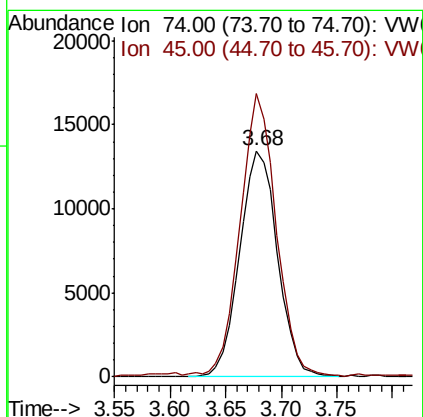
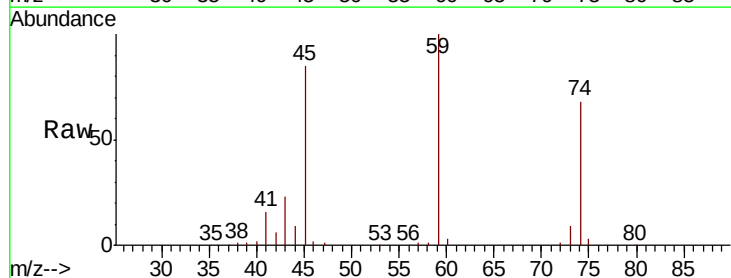
Tgt Ion: 101 Resp: 31520
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.2 75.4

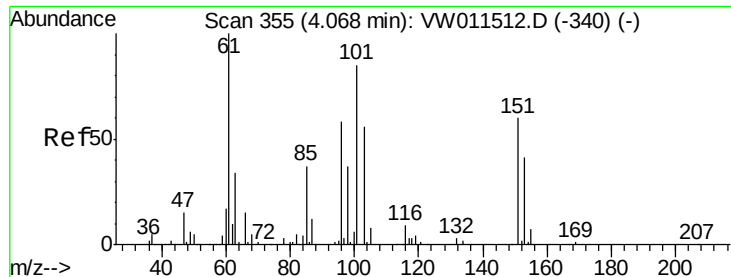


#8

Diethyl Ether
 Concen: 21.706 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 74 Resp: 31790
 Ion Ratio Lower Upper
 74 100
 45 119.9 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.143 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

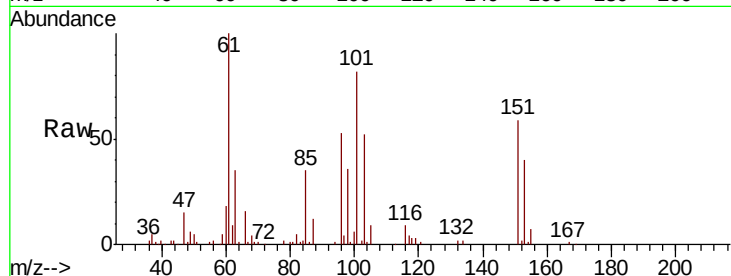
Tgt Ion:101 Resp: 54257

Ion Ratio Lower Upper

101 100

85 44.5 36.6 54.8

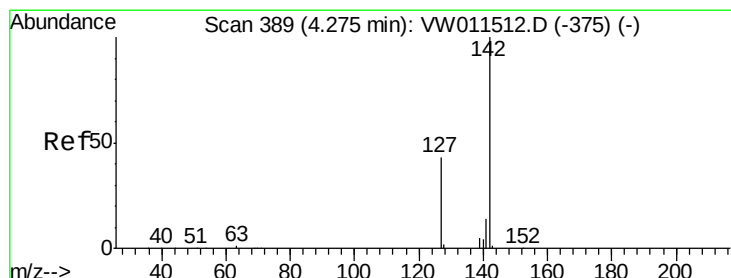
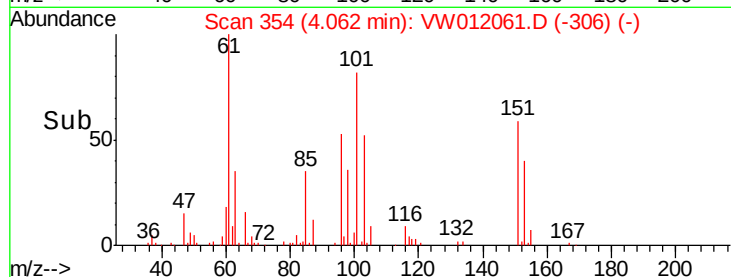
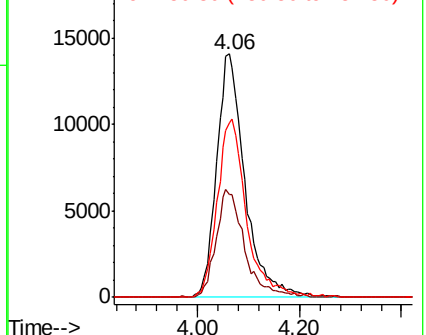
151 74.9 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.206 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

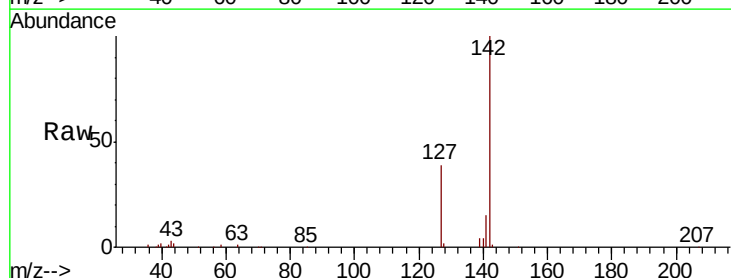
Tgt Ion:142 Resp: 73431

Ion Ratio Lower Upper

142 100

127 43.5 35.0 52.6

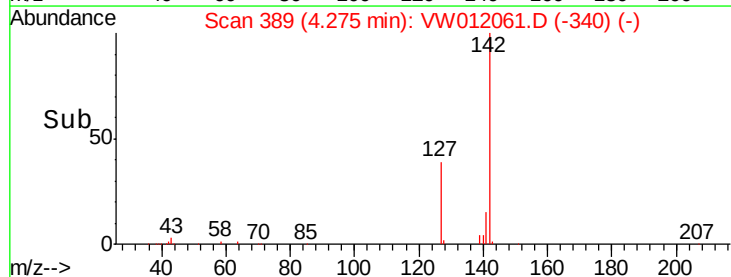
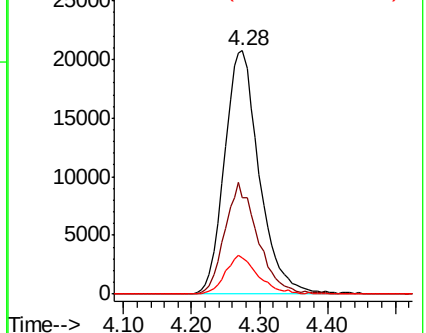
141 15.0 11.9 17.9

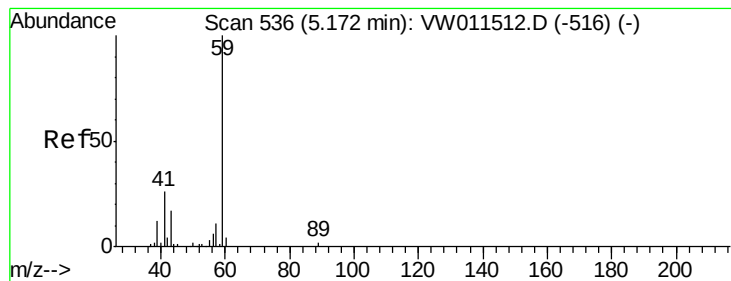


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



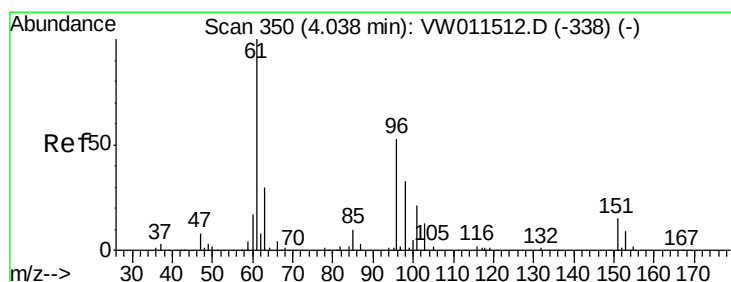
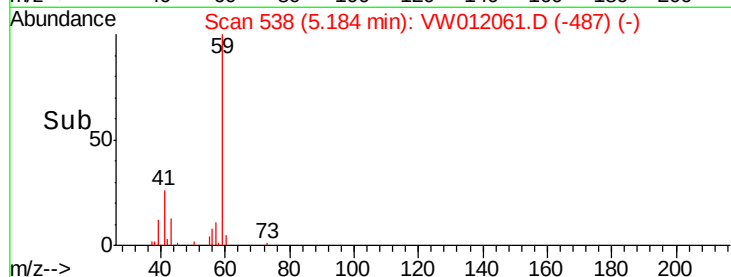
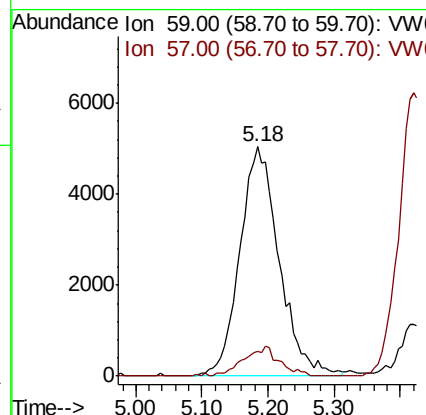
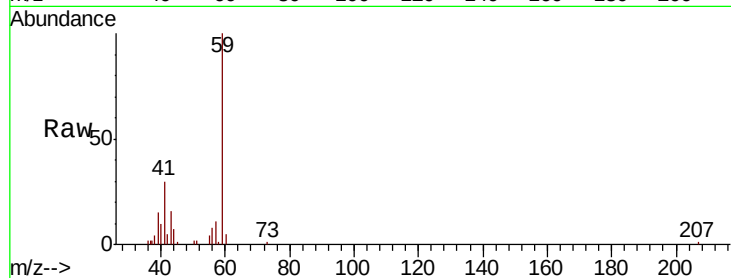


#11

Tert butyl alcohol
Concen: 87.443 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

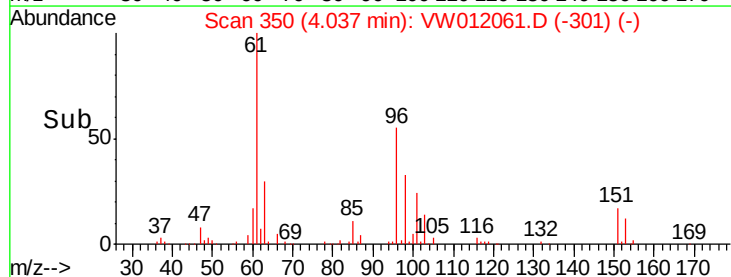
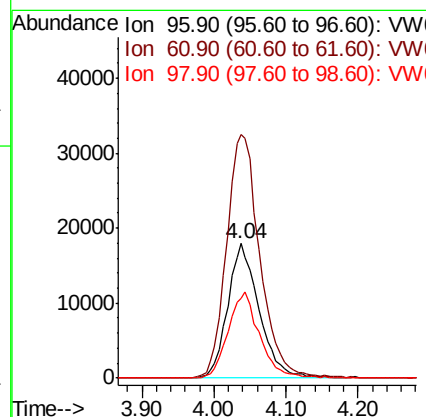
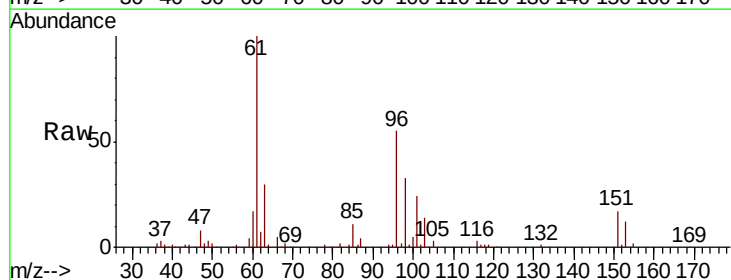
Tgt Ion: 59 Resp: 20849
Ion Ratio Lower Upper
59 100
57 11.6 8.5 12.7

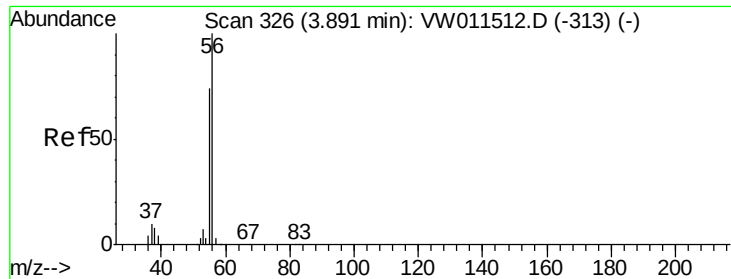


#12

1,1-Dichloroethene
Concen: 21.057 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion: 96 Resp: 54478
Ion Ratio Lower Upper
96 100
61 181.0 149.9 224.9
98 59.0 49.1 73.7





#13

Acrolein

Concen: 59.581 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

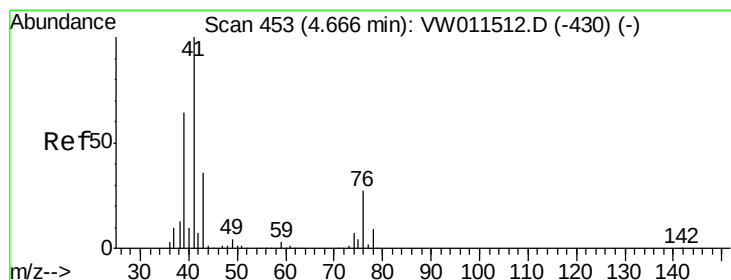
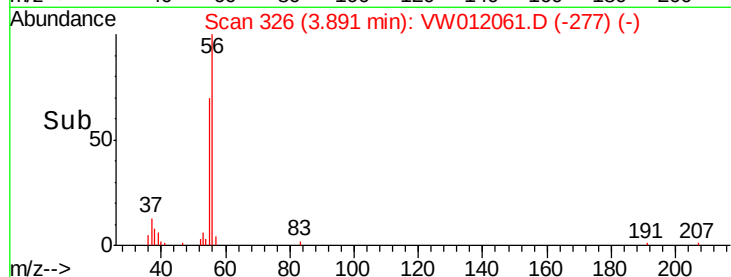
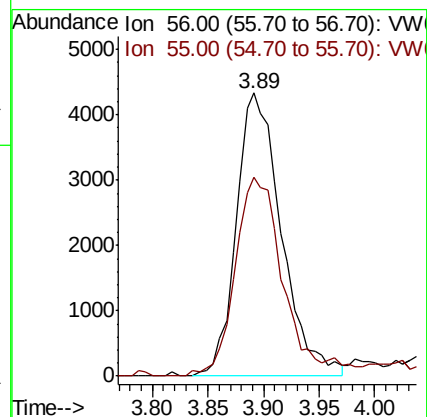
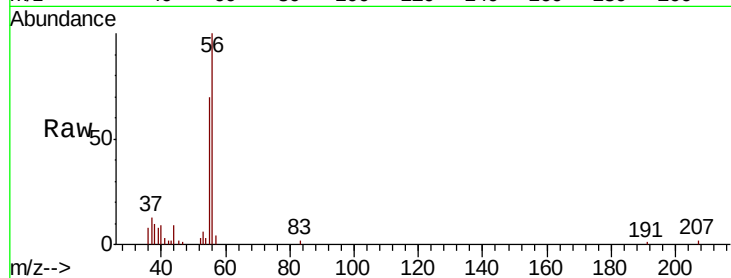
VW0821SBSD01

Tgt Ion: 56 Resp: 12195

Ion Ratio Lower Upper

56 100

55 72.2 56.0 84.0



#14

Allyl chloride

Concen: 20.990 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

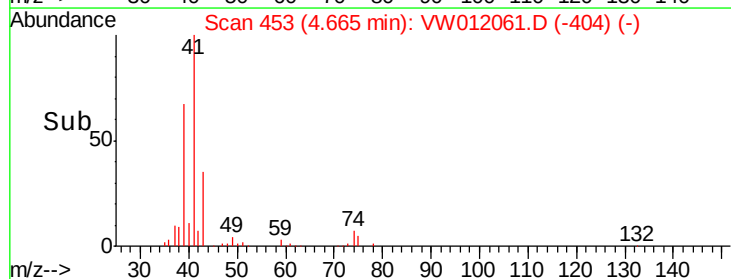
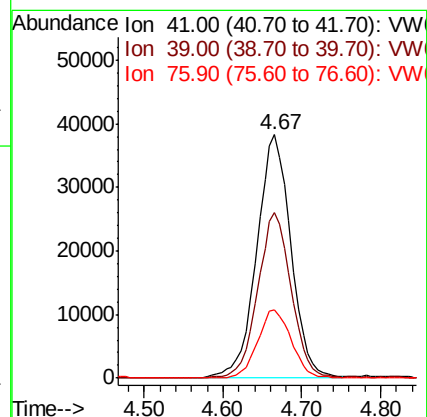
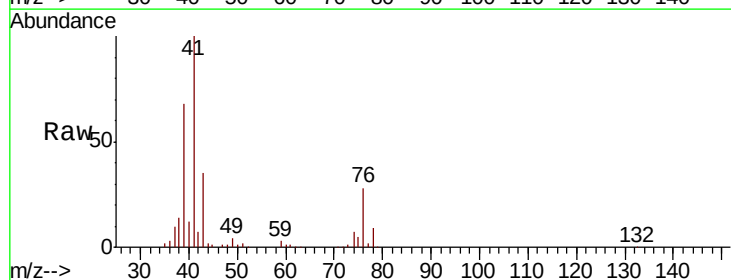
Tgt Ion: 41 Resp: 115503

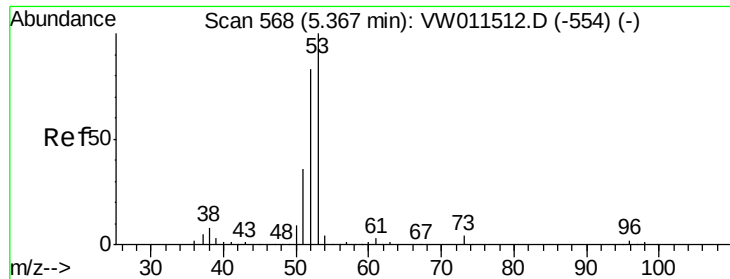
Ion Ratio Lower Upper

41 100

39 65.8 52.6 78.8

76 27.5 22.0 33.0





#15

Acrylonitrile

Concen: 106.837 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

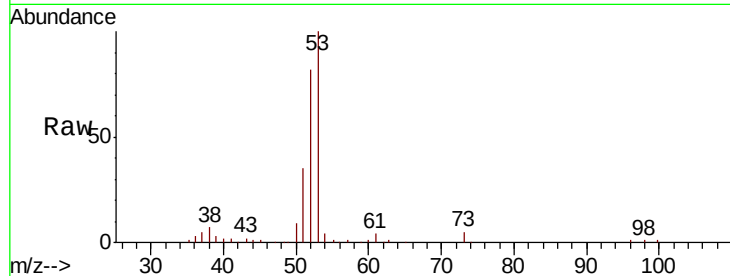
Tgt Ion: 53 Resp: 78107

Ion Ratio Lower Upper

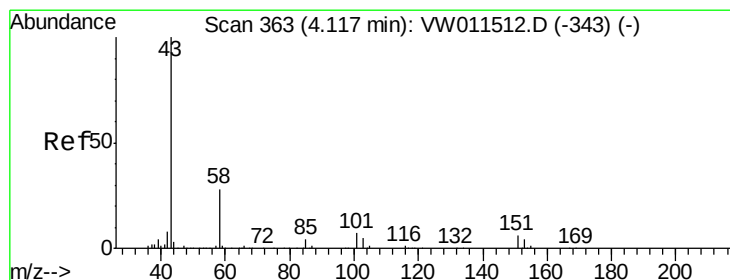
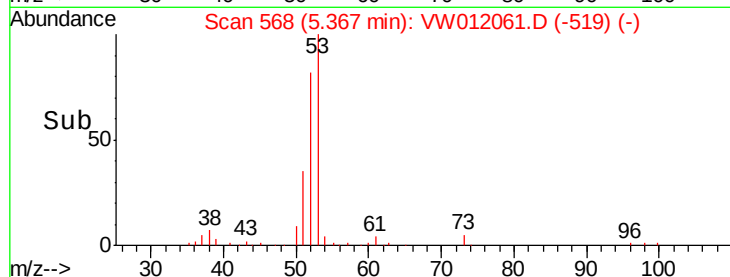
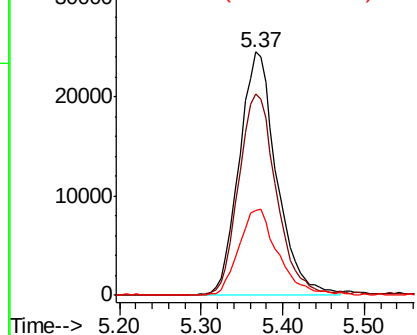
53 100

52 83.6 67.2 100.8

51 37.2 30.0 45.0



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: 87.163 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012061.D

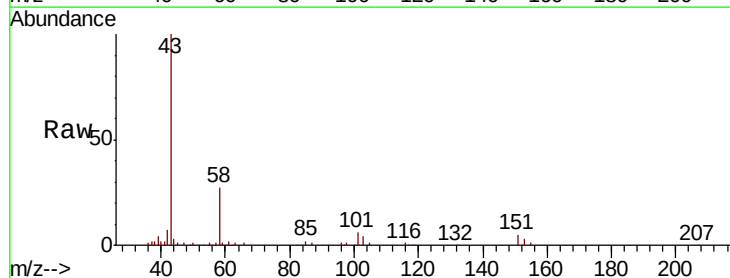
Acq: 21 Aug 2019 10:33

Tgt Ion: 43 Resp: 79091

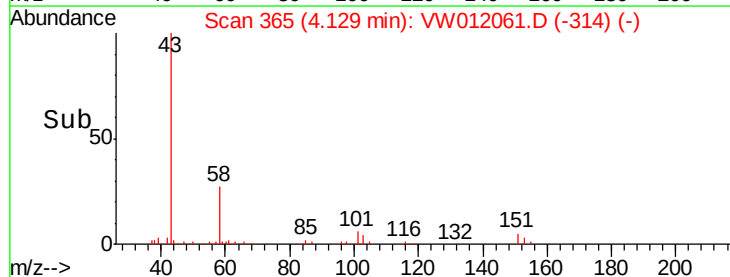
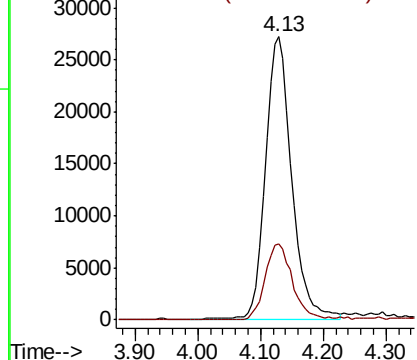
Ion Ratio Lower Upper

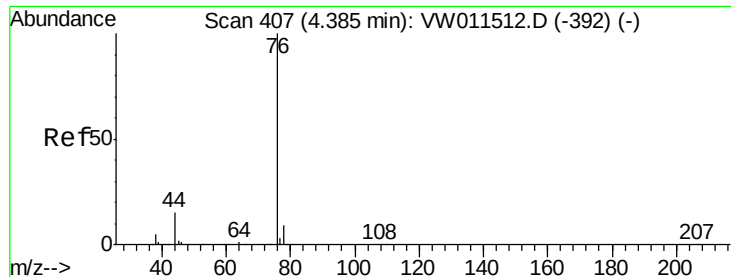
43 100

58 27.0 22.3 33.5



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

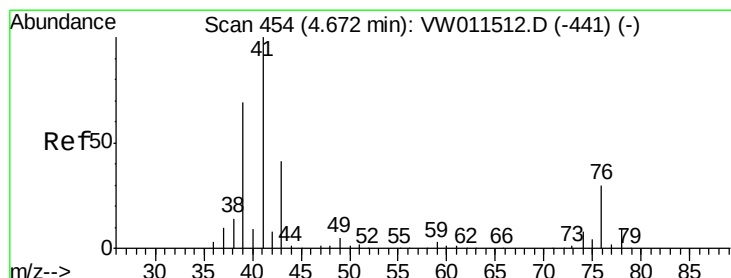
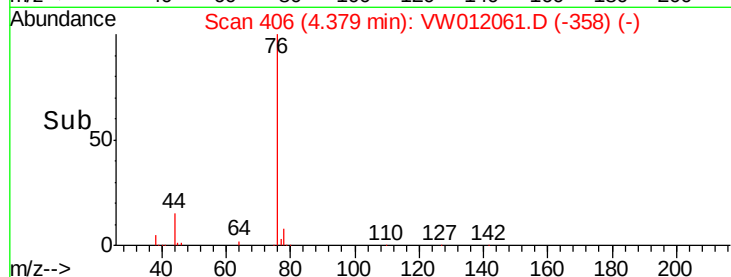
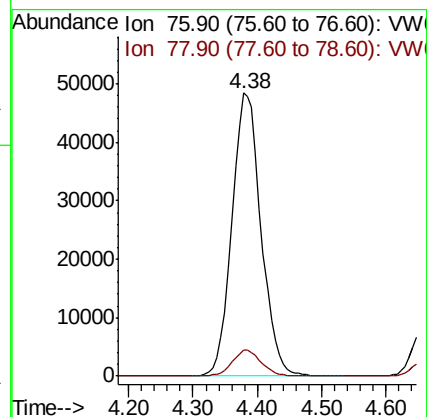
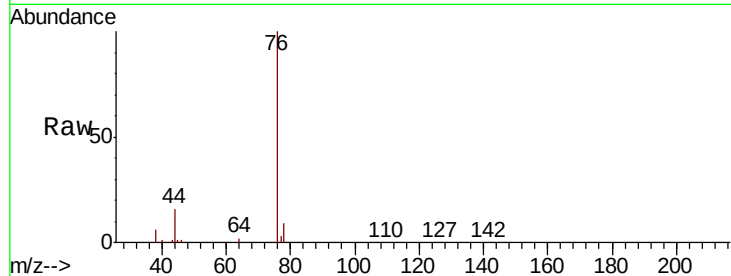




#17
Carbon Disulfide
Concen: 18.882 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

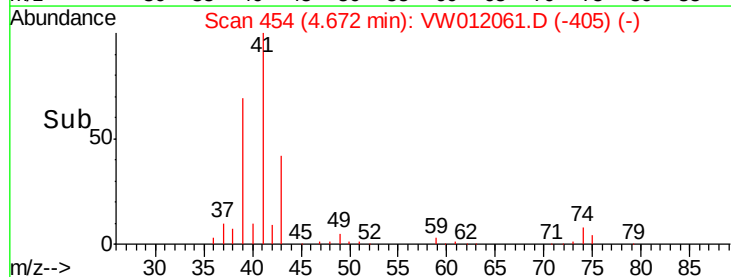
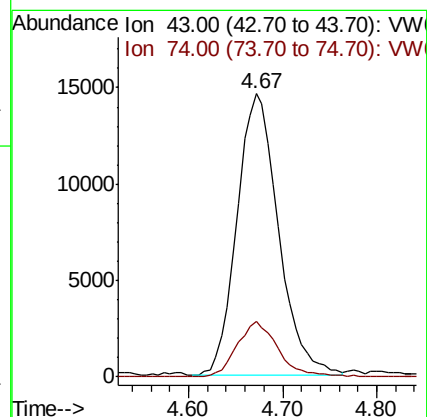
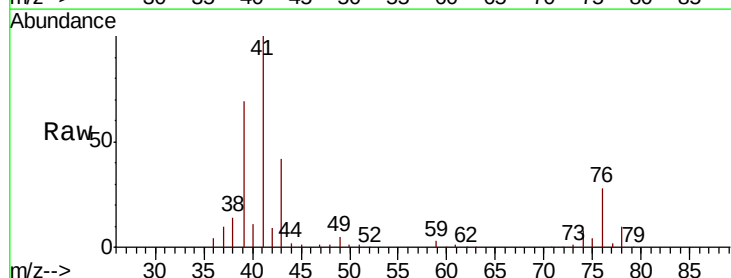
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

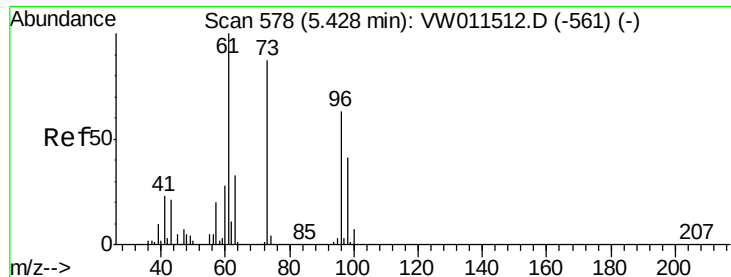
Tgt Ion: 76 Resp: 152893
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 22.005 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion: 43 Resp: 44855
Ion Ratio Lower Upper
43 100
74 19.5 15.9 23.9

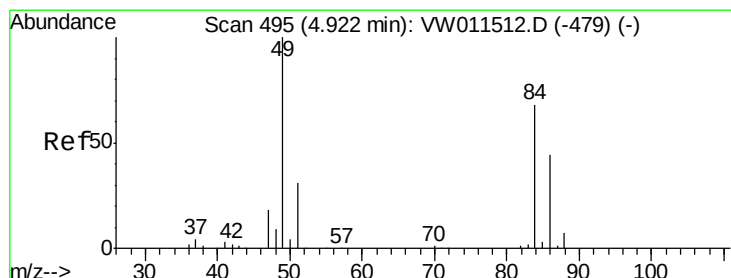
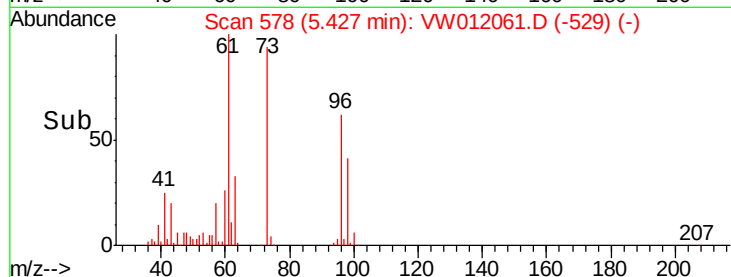
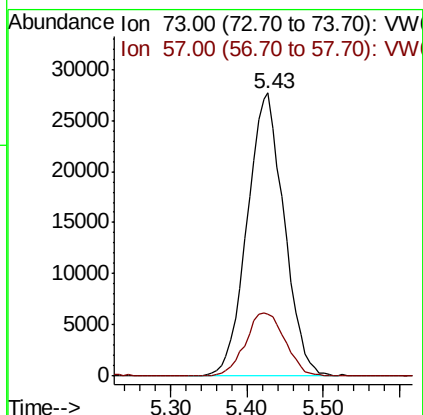
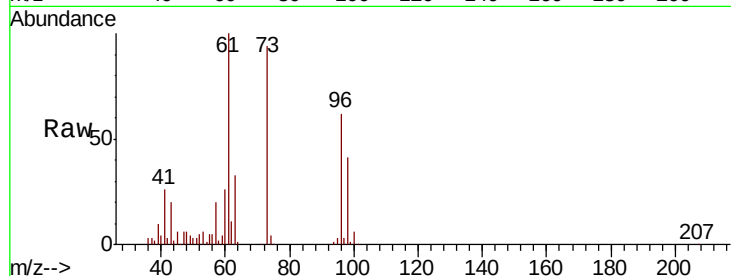




#19
Methyl tert-butyl Ether
Concen: 22.626 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

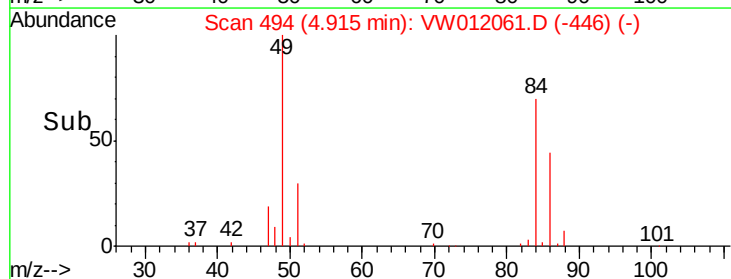
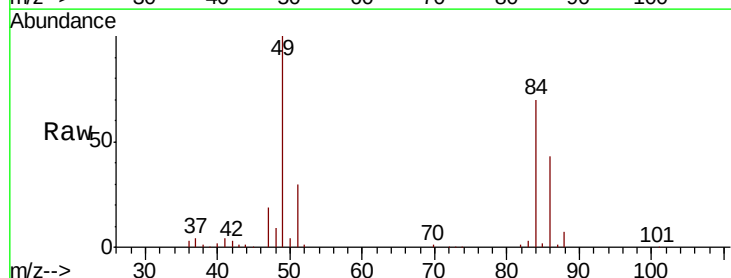
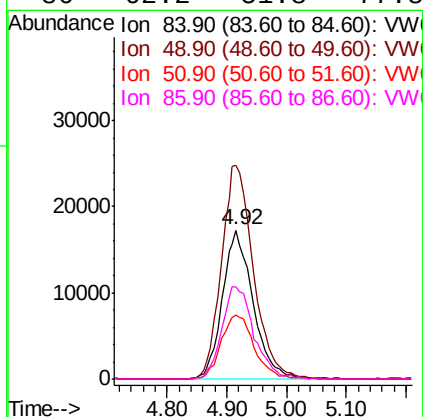
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

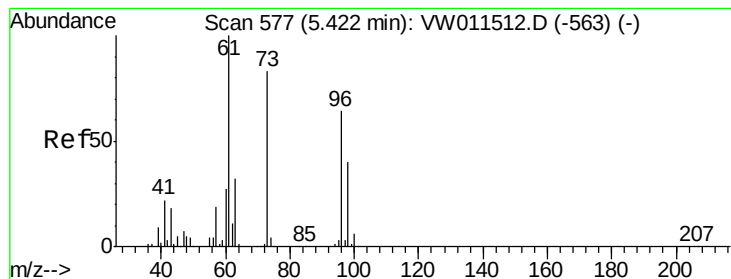
Tgt Ion: 73 Resp: 92894
Ion Ratio Lower Upper
73 100
57 21.7 18.4 27.6



#20
Methylene Chloride
Concen: 19.668 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion: 84 Resp: 61548
Ion Ratio Lower Upper
84 100
49 142.9 117.8 176.6
51 43.4 37.0 55.4
86 62.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 21.271 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

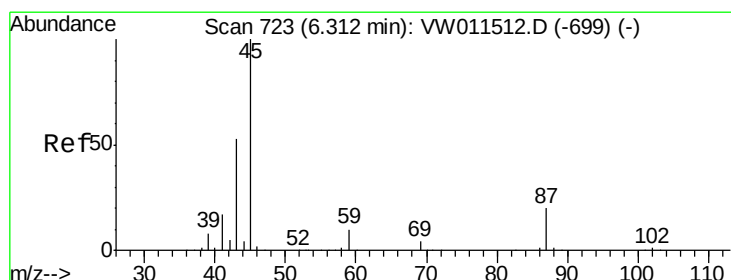
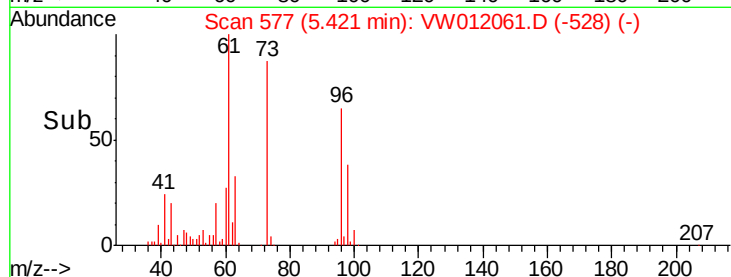
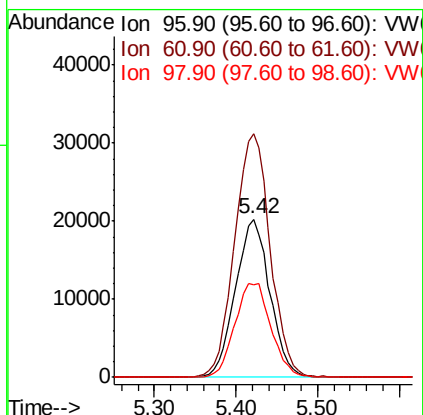
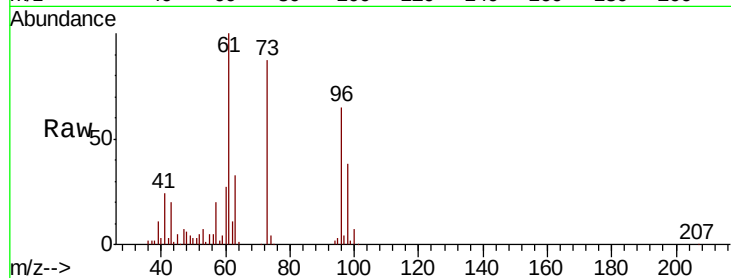
Tgt Ion: 96 Resp: 59332

Ion Ratio Lower Upper

96 100

61 154.0 125.7 188.5

98 58.7 50.3 75.5



#22

Diisopropyl ether

Concen: 21.781 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Tgt Ion: 45 Resp: 225970

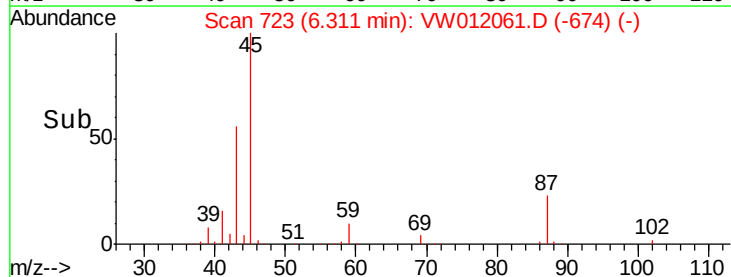
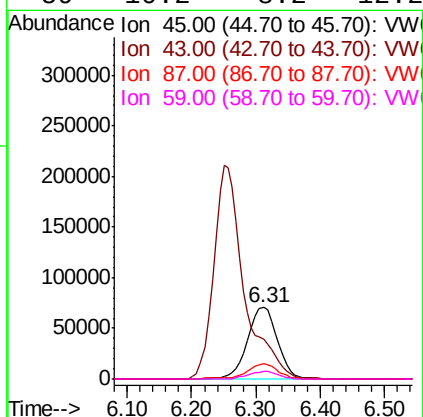
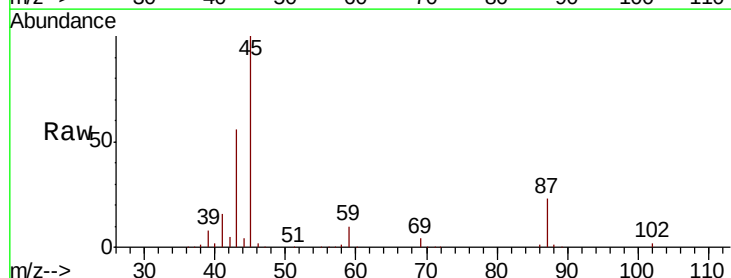
Ion Ratio Lower Upper

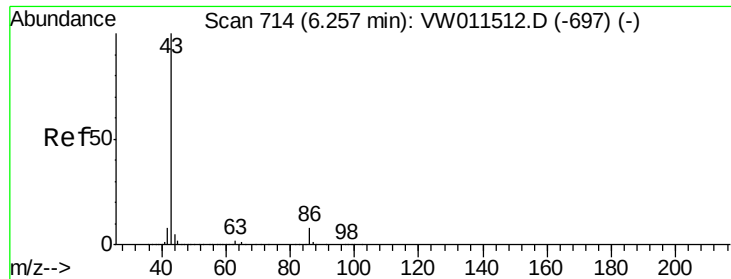
45 100

43 54.8 42.6 63.8

87 22.5 16.4 24.6

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 106.328 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

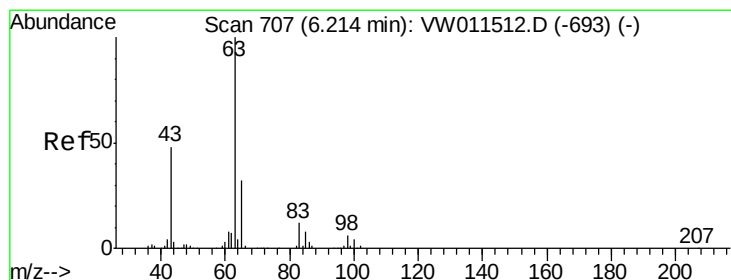
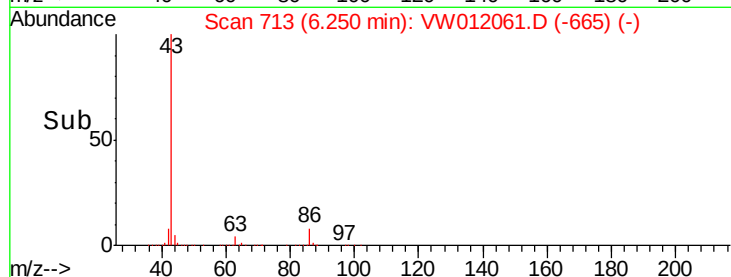
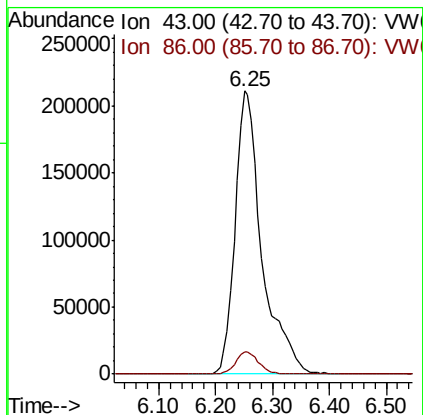
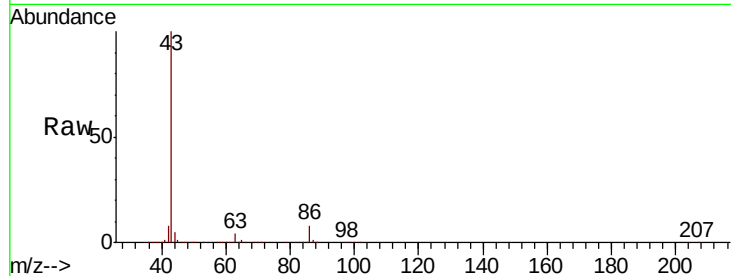
VW0821SBSD01

Tgt Ion: 43 Resp: 693140

Ion Ratio Lower Upper

43 100

86 7.9 6.5 9.7



#24

1,1-Dichloroethane

Concen: 21.447 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

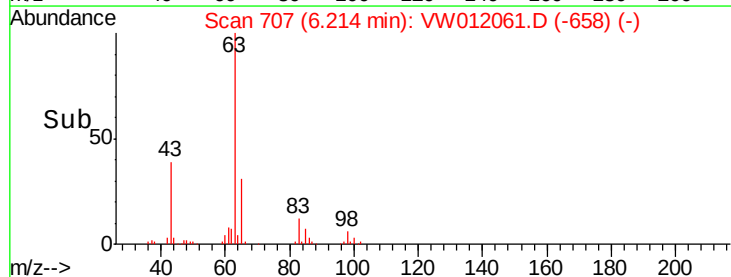
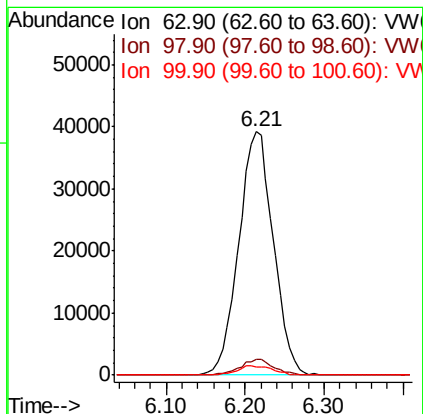
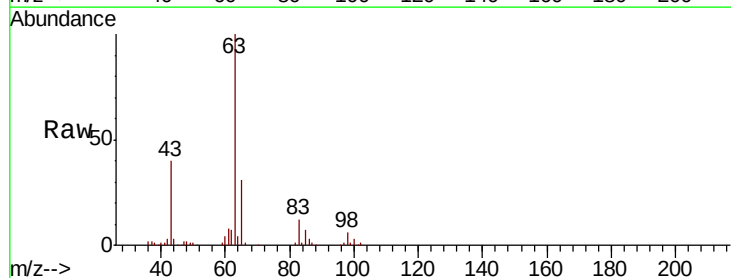
Tgt Ion: 63 Resp: 119165

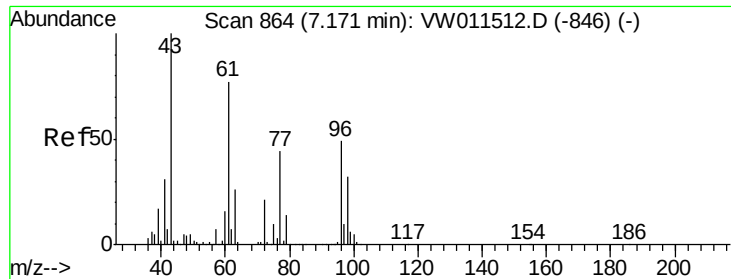
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 3.3 2.1 6.3

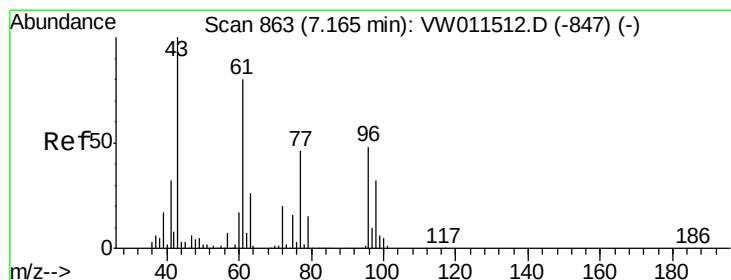
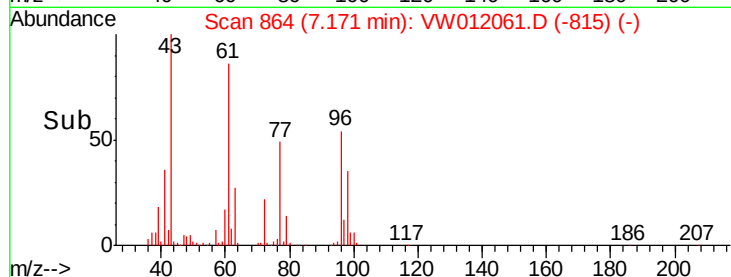
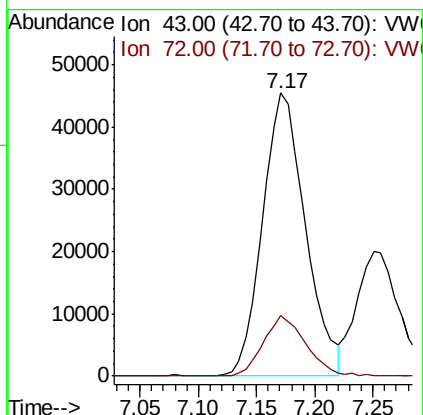
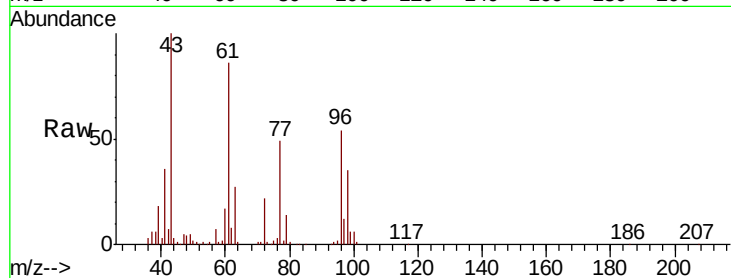




#25
 2-Butanone
 Concen: 98.302 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

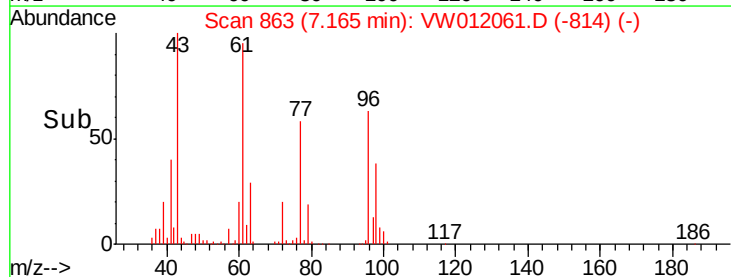
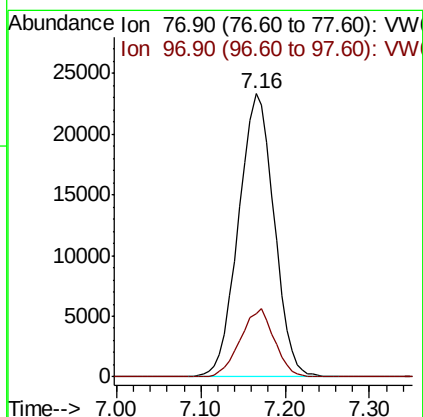
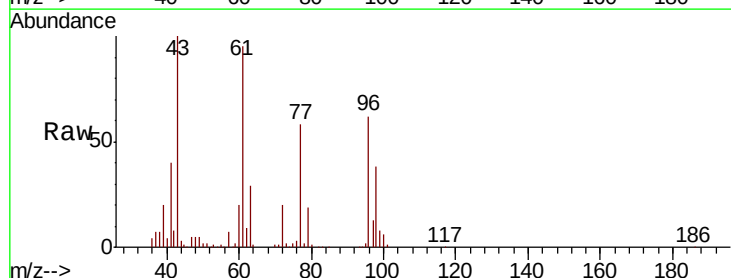
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0821SBSD01

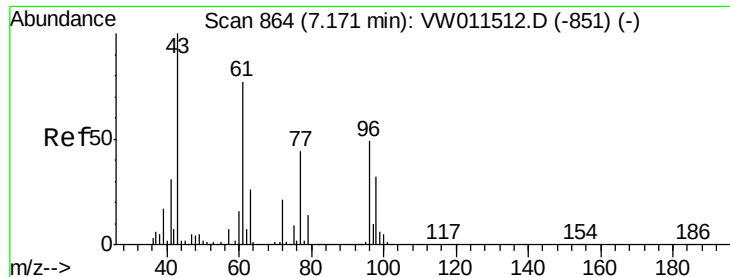
Tgt Ion: 43 Resp: 116718
 Ion Ratio Lower Upper
 43 100
 72 21.6 16.6 24.8



#26
 2,2-Dichloropropane
 Concen: 19.512 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 77 Resp: 66672
 Ion Ratio Lower Upper
 77 100
 97 23.1 10.8 32.4



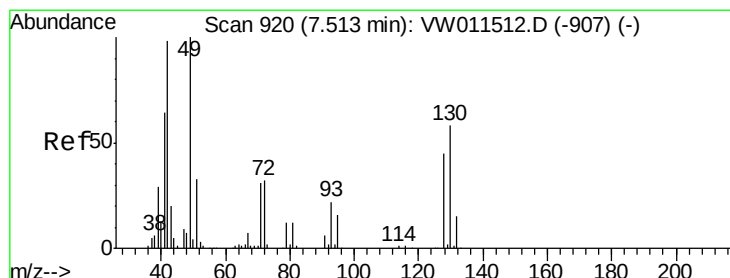
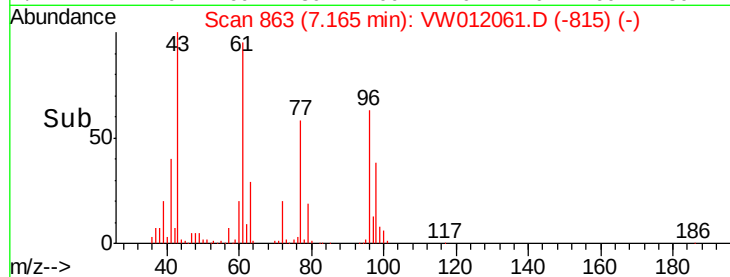
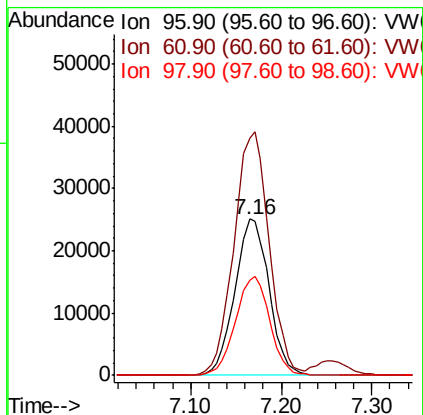
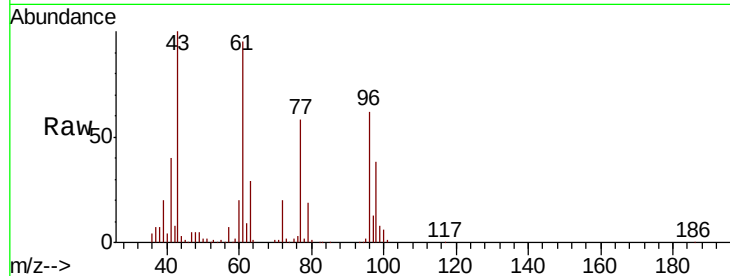


#27

cis-1,2-Dichloroethene
 Concen: 21.326 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

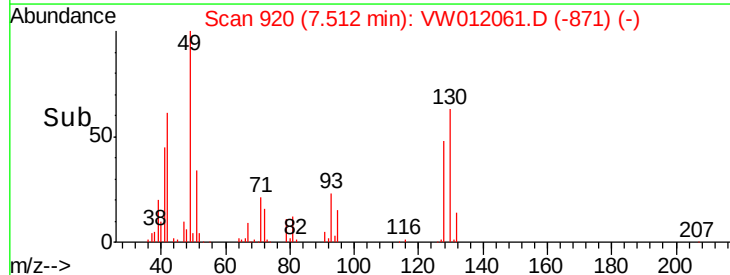
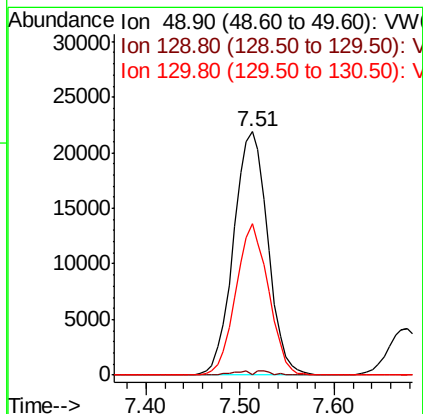
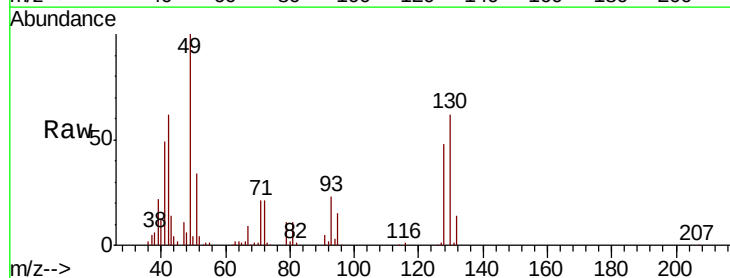
Tgt Ion: 96 Resp: 65468
 Ion Ratio Lower Upper
 96 100
 61 160.7 0.0 328.4
 98 63.6 0.0 128.8

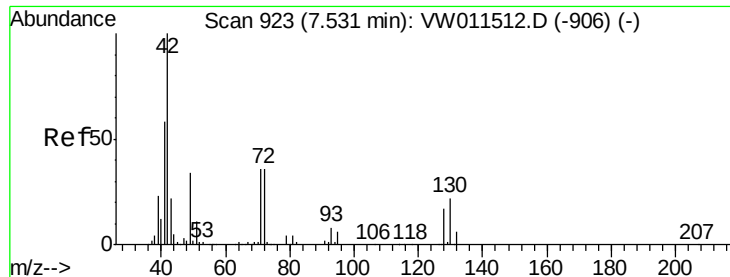


#28

Bromochloromethane
 Concen: 22.532 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 49 Resp: 55570
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 1.0
 130 59.3 46.3 69.5

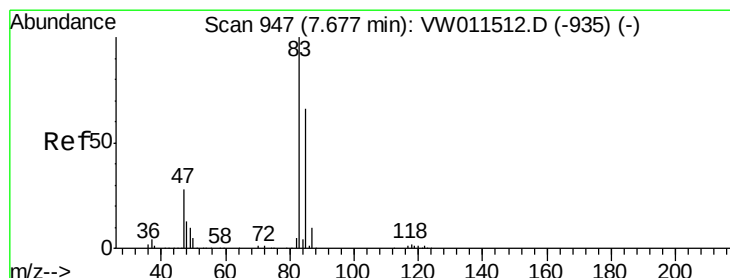
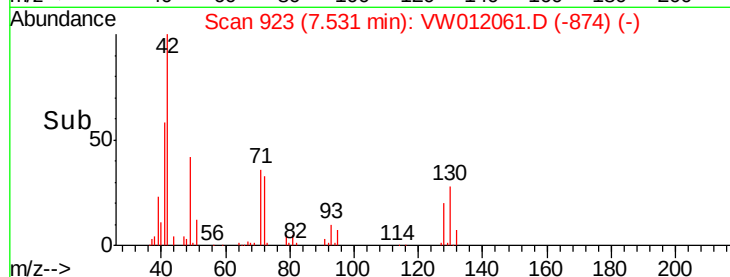
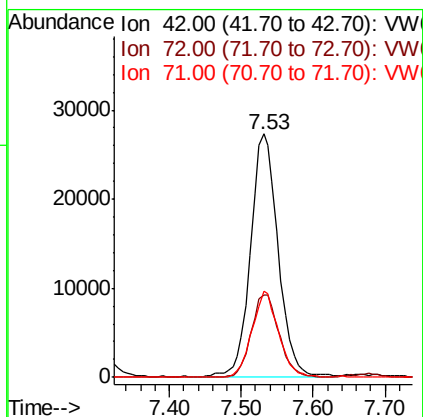
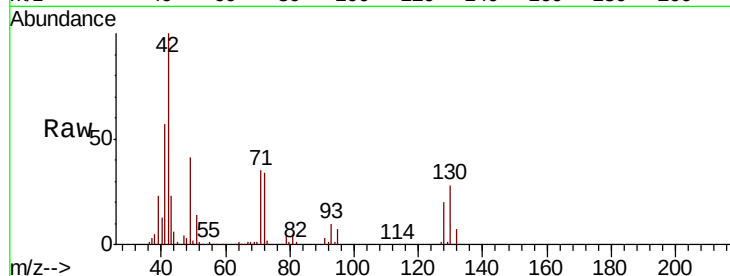




#29
Tetrahydrofuran
Concen: 107.826 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

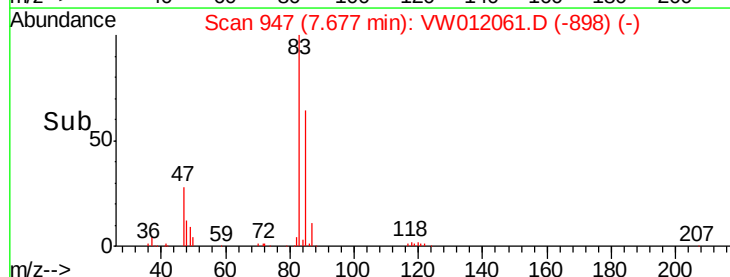
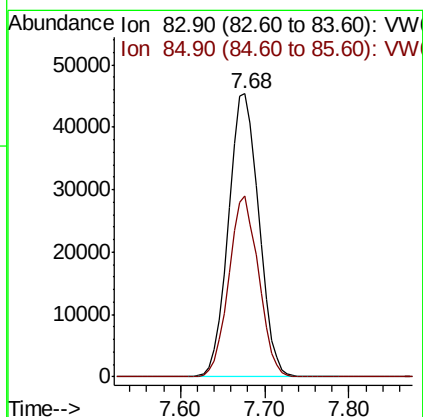
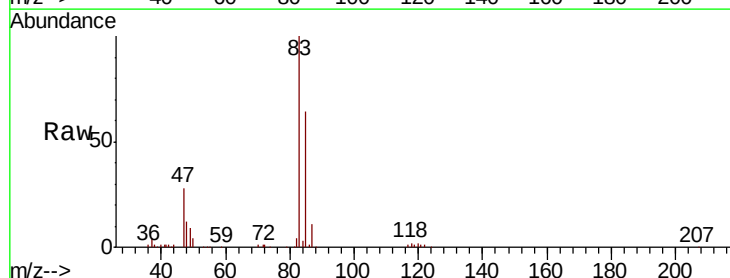
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

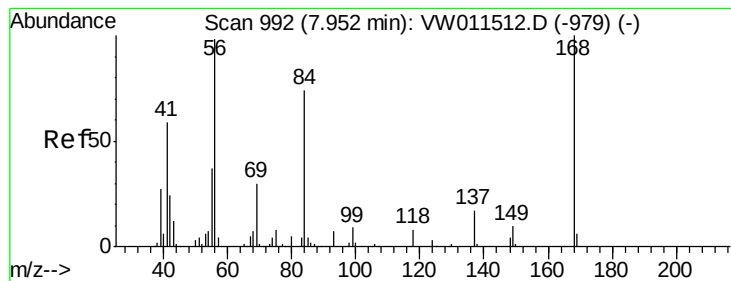
Tgt Ion: 42 Resp: 73181
Ion Ratio Lower Upper
42 100
72 34.1 27.1 40.7
71 34.0 26.2 39.4



#30
Chloroform
Concen: 21.663 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion: 83 Resp: 111048
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7





#31

Cyclohexane

Concen: 21.219 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

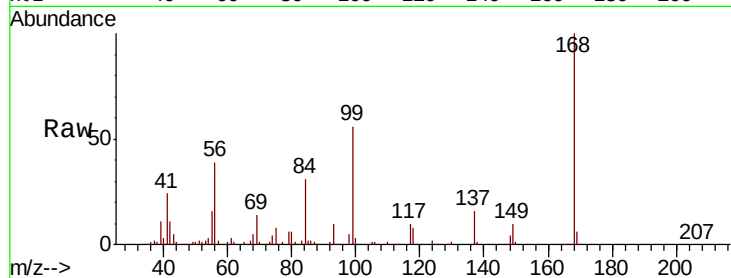
Tgt Ion: 56 Resp: 113173

Ion Ratio Lower Upper

56 100

69 36.2 24.3 36.5

84 79.3 60.4 90.6

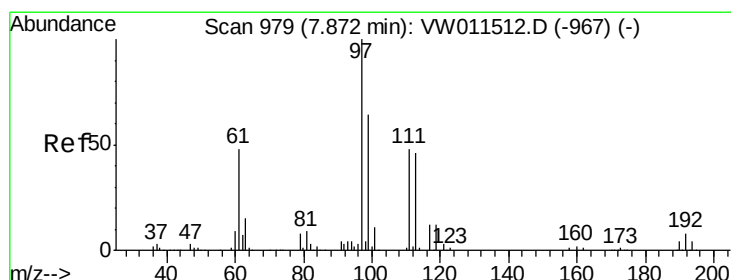
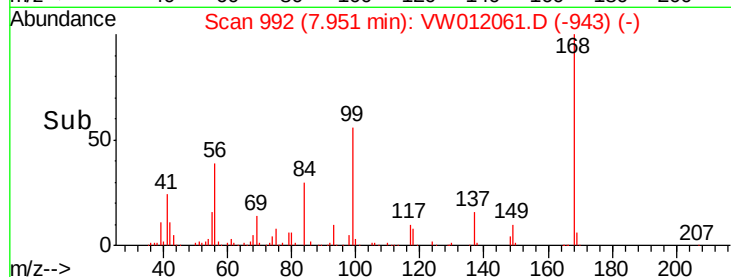
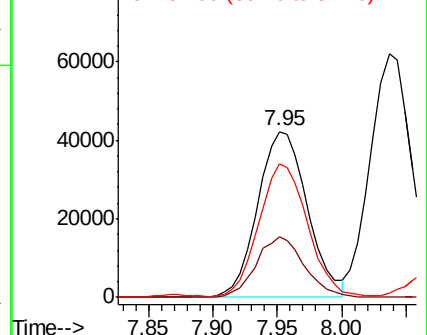


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 22.066 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

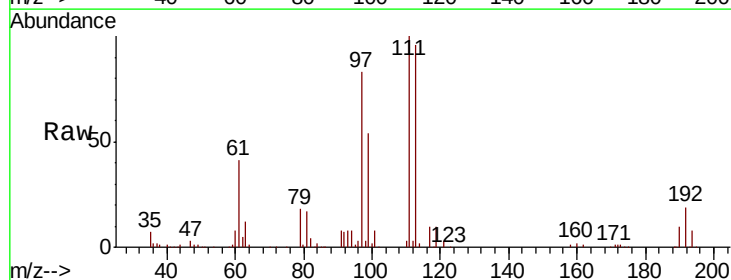
Tgt Ion: 97 Resp: 86142

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

61 49.5 39.8 59.6

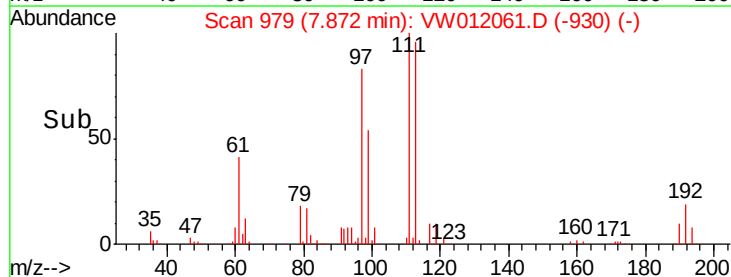
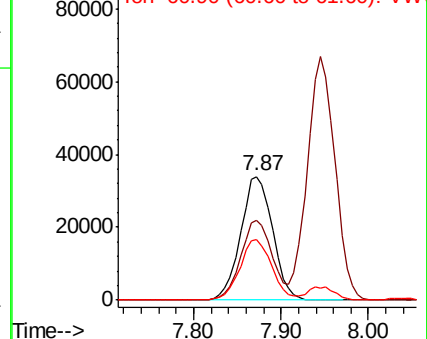


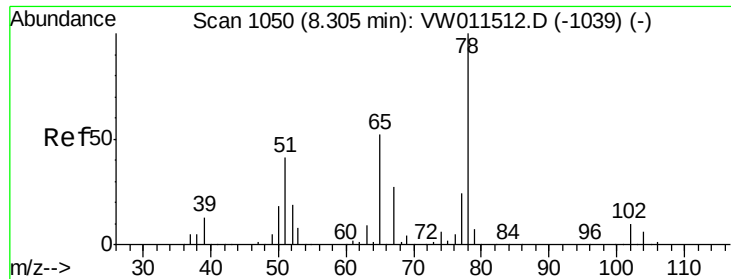
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

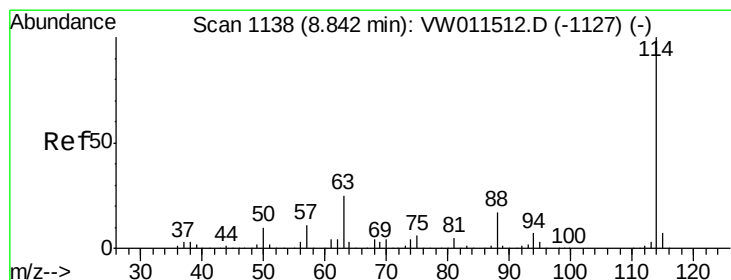
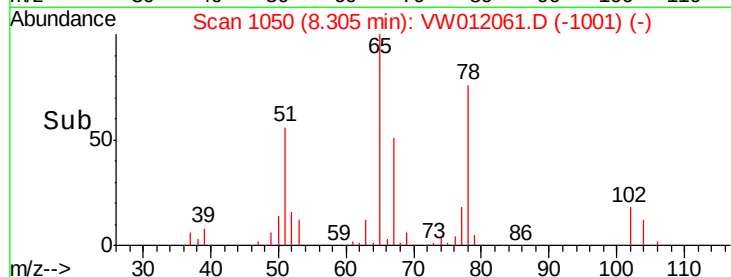
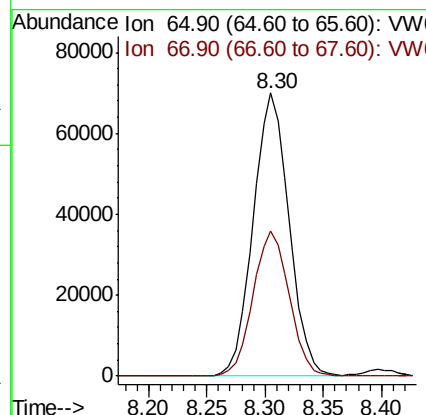
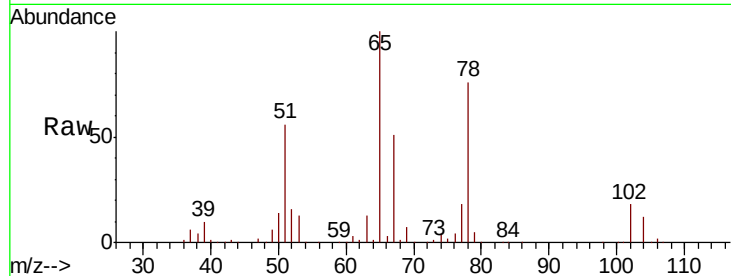




#33
 1,2-Dichloroethane-d4
 Concen: 52.767 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

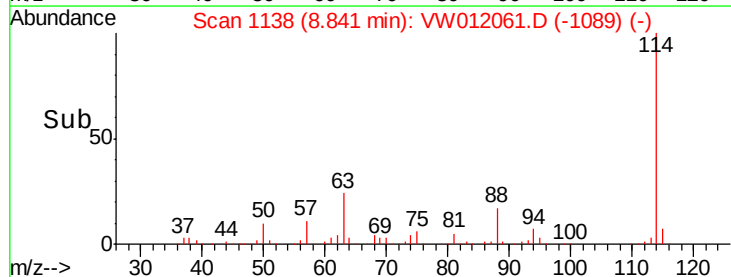
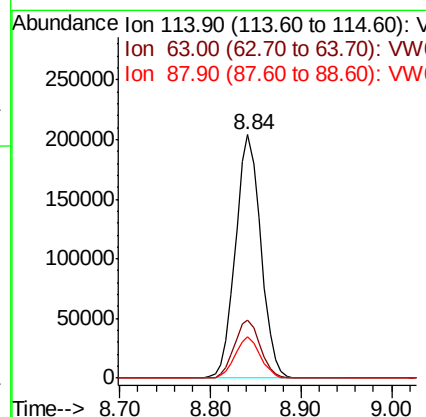
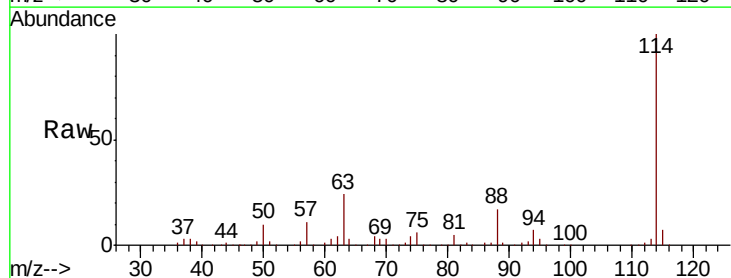
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

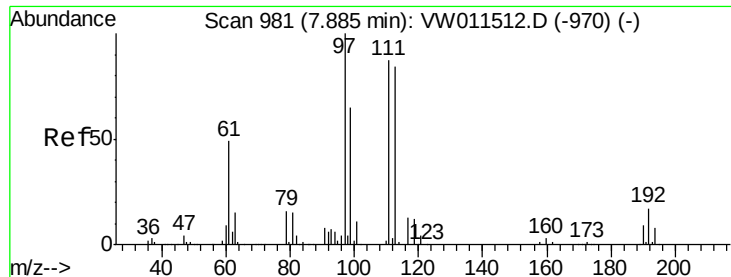
Tgt Ion: 65 Resp: 150521
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 114 Resp: 395447
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 16.8 0.0 33.8

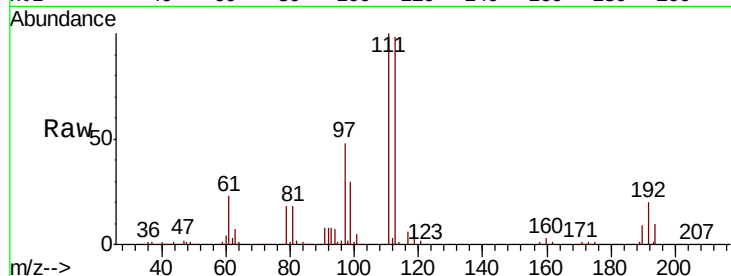




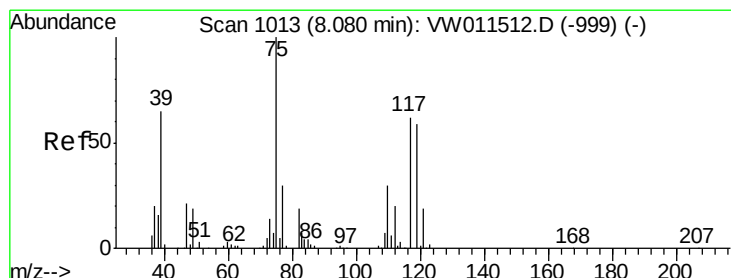
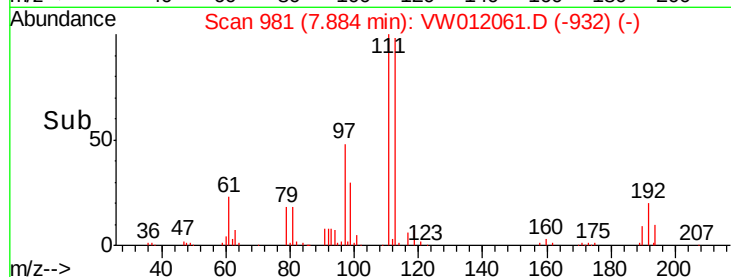
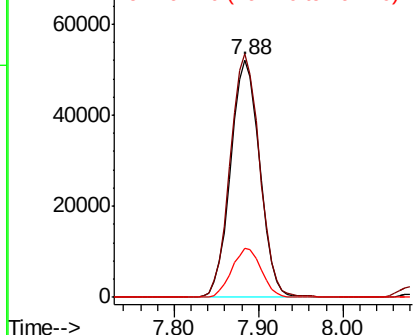
#35
 Dibromofluoromethane
 Concen: 54.925 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

Tgt Ion: 113 Resp: 121853
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.7 124.1
 192 20.8 16.1 24.1

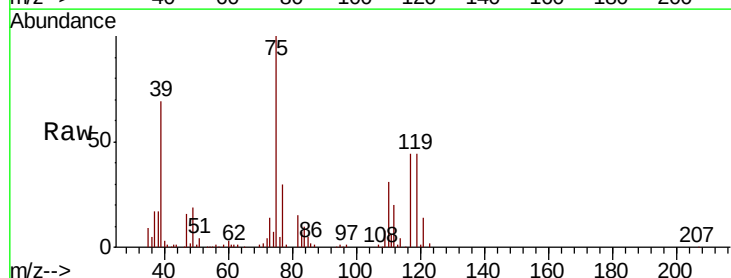


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

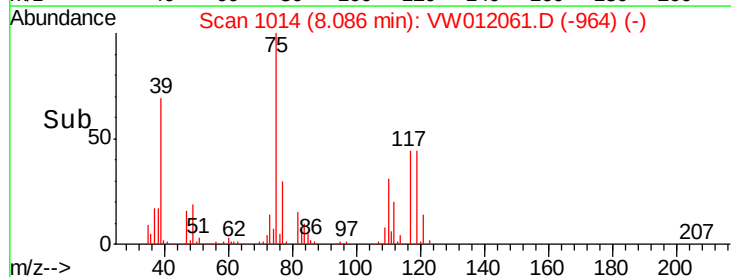
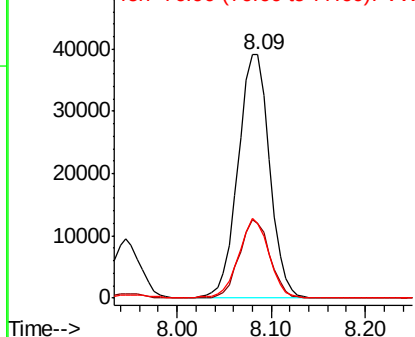


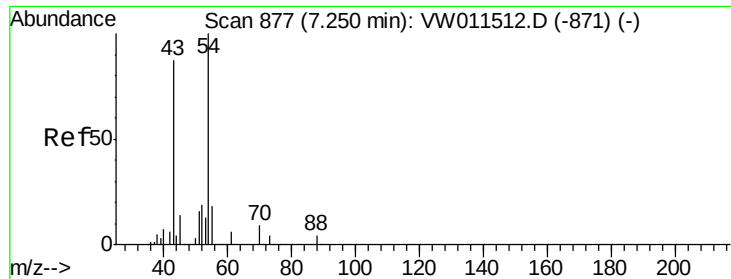
#36
 1,1-Dichloropropene
 Concen: 22.337 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 75 Resp: 91848
 Ion Ratio Lower Upper
 75 100
 110 31.0 15.6 46.8
 77 31.3 24.3 36.5



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

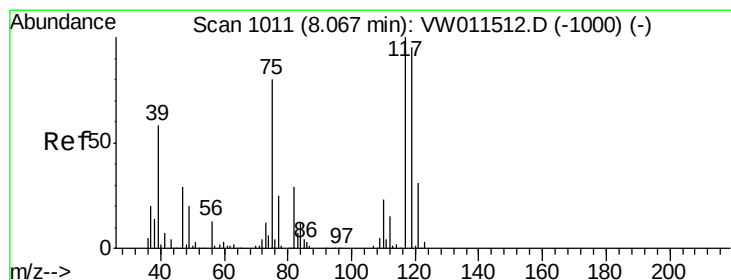
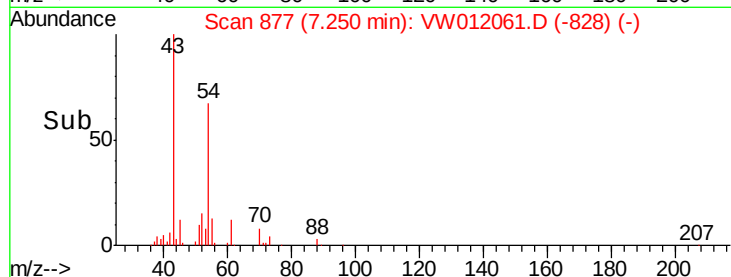
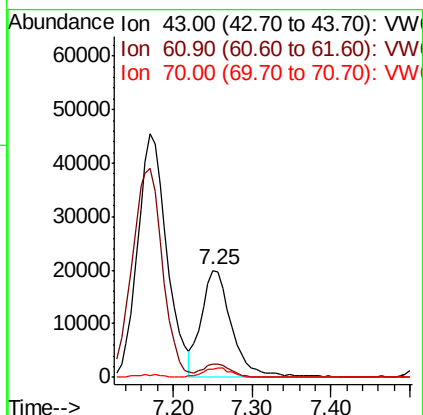
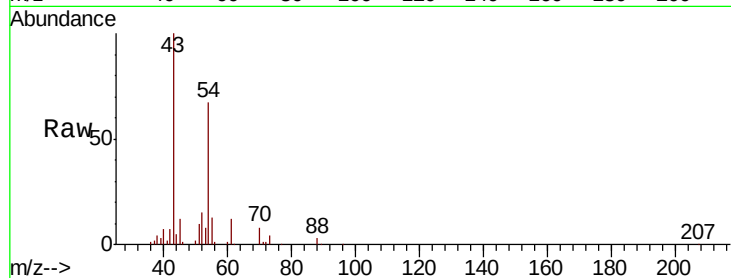




#37
Ethyl Acetate
Concen: 22.381 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

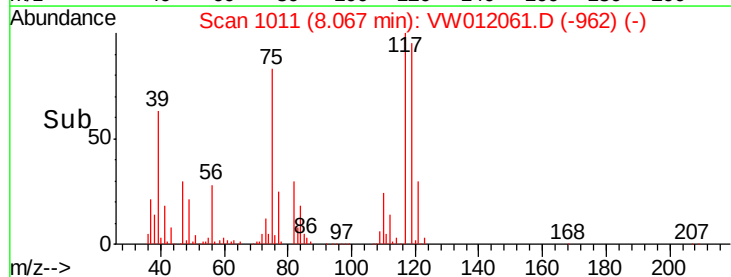
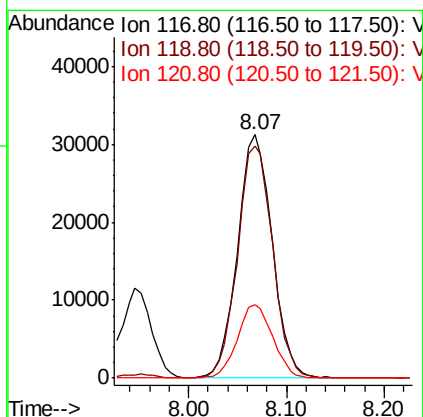
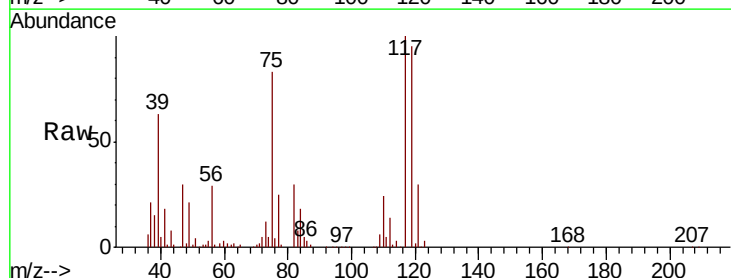
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

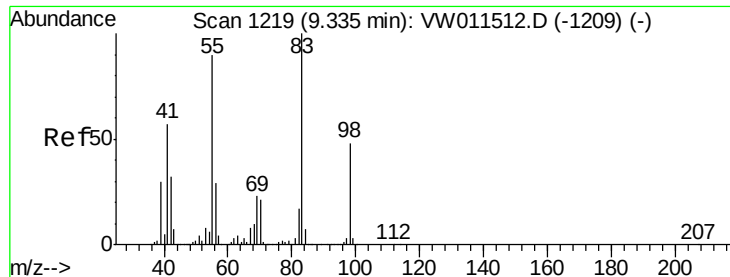
Tgt Ion: 43 Resp: 52947
Ion Ratio Lower Upper
43 100
61 11.6 8.8 13.2
70 8.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.878 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion: 117 Resp: 77011
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.6
121 30.1 24.7 37.1

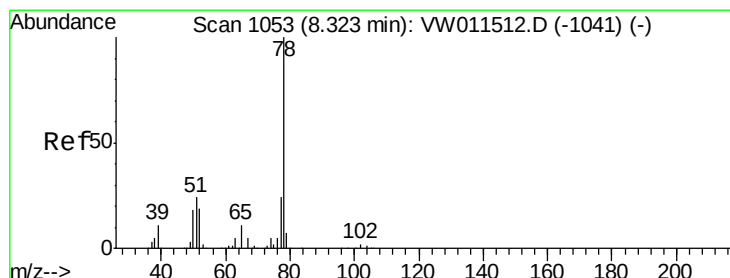
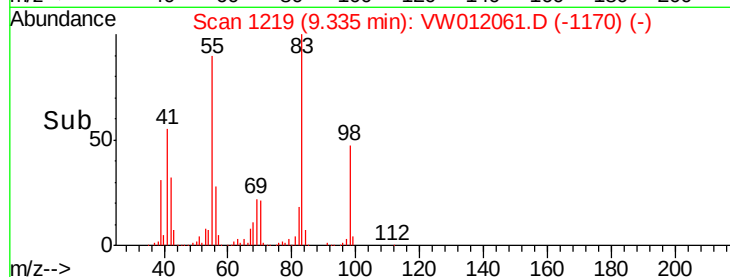
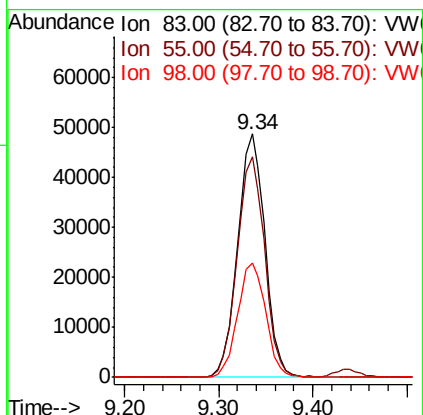
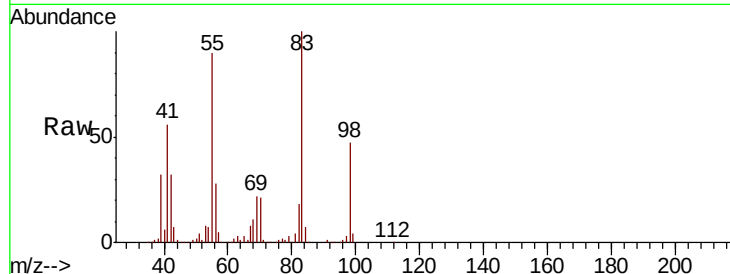




#39
Methylcyclohexane
Concen: 21.816 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

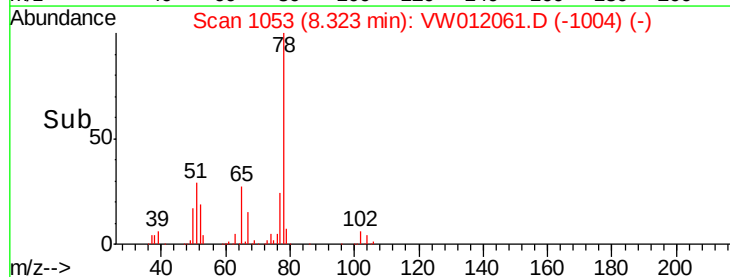
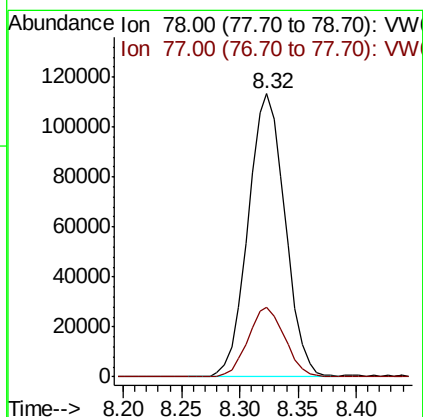
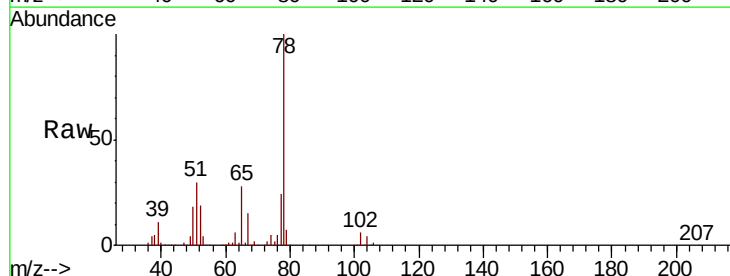
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

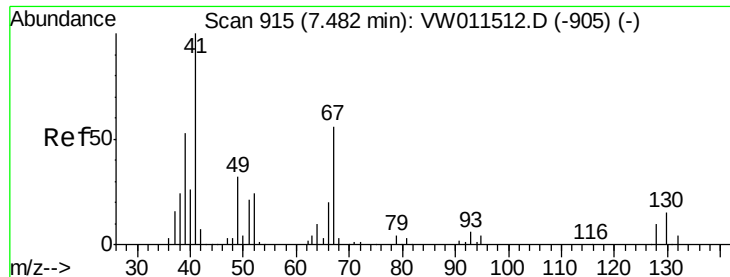
Tgt Ion: 83 Resp: 98776
Ion Ratio Lower Upper
83 100
55 90.4 72.1 108.1
98 47.2 38.6 57.8



#40
Benzene
Concen: 21.779 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion: 78 Resp: 250848
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

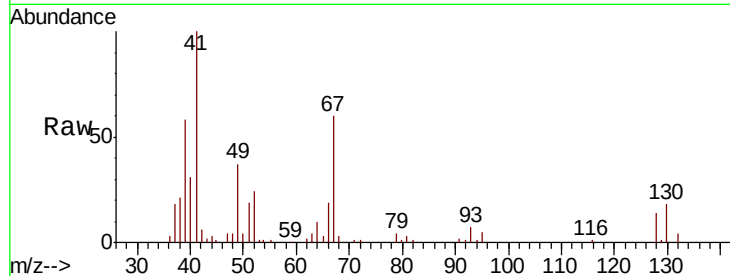




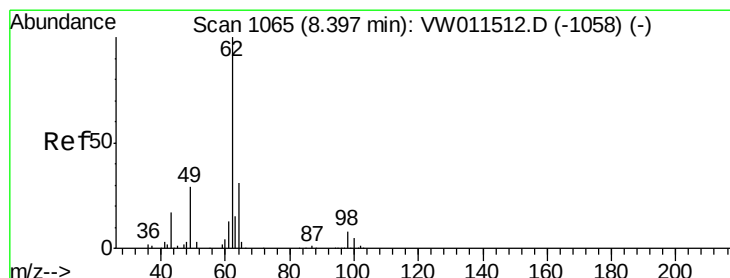
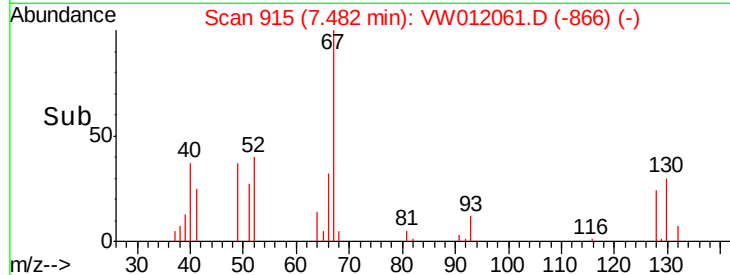
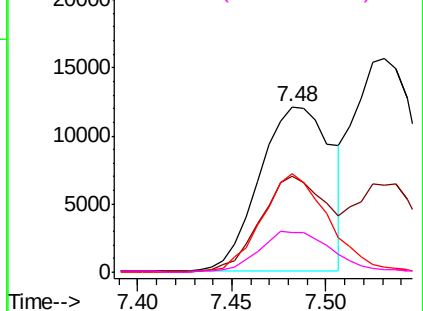
#41
Methacrylonitrile
Concen: 22.689 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tgt Ion:	41	Resp:	32085
Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.0	64.4
67	56.2	47.5	71.3
52	25.6	21.0	31.6

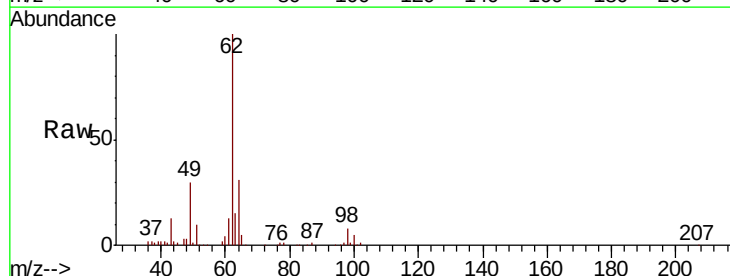


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

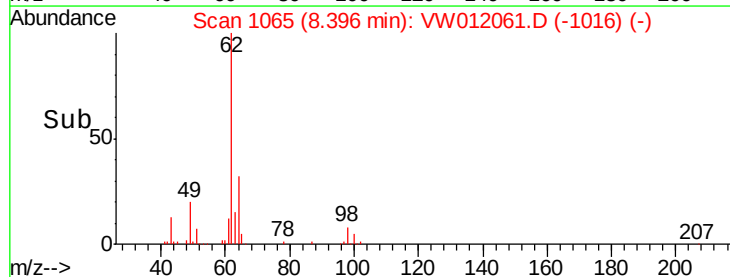
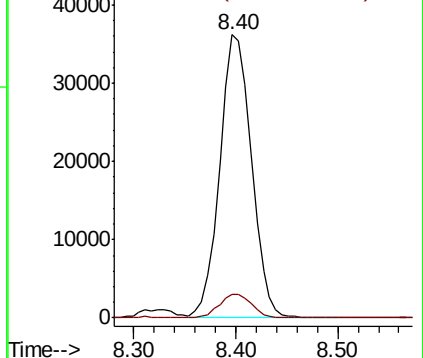


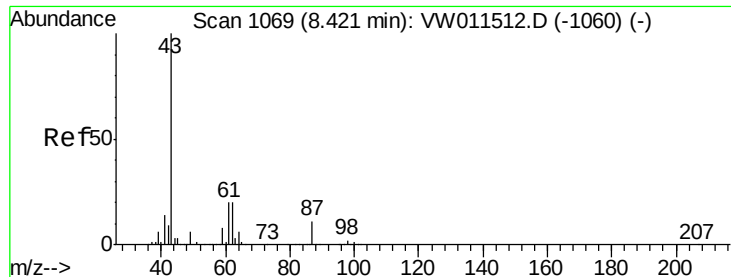
#42
1,2-Dichloroethane
Concen: 21.717 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion:	62	Resp:	78311
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.8



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





#43

Isopropyl Acetate

Concen: 21.949 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

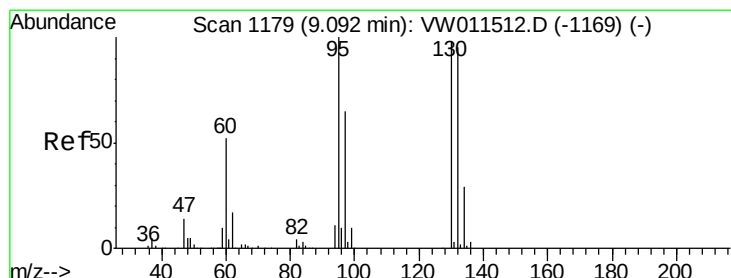
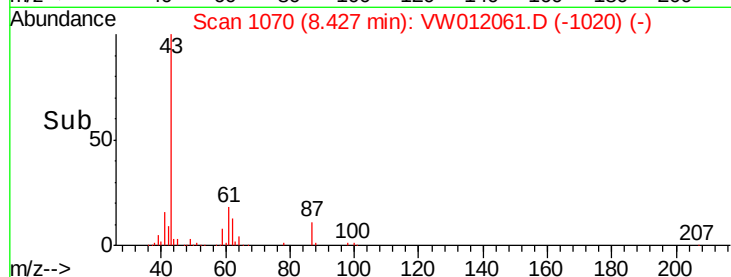
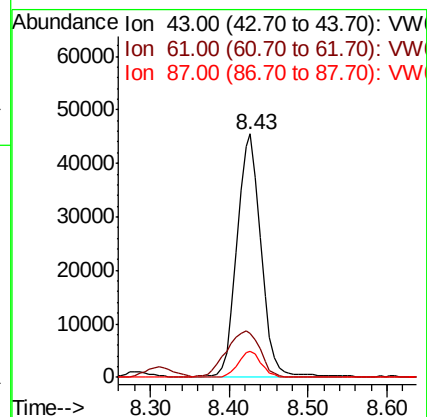
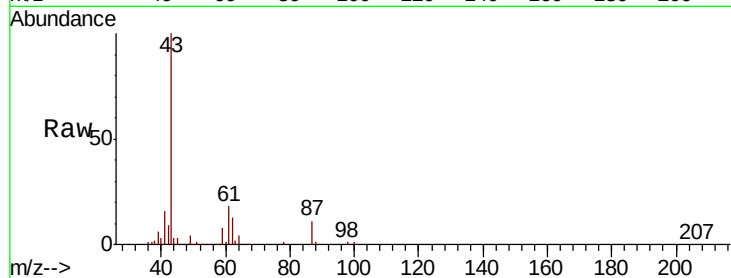
Tgt Ion: 43 Resp: 95494

Ion Ratio Lower Upper

43 100

61 26.5 21.5 32.3

87 10.5 8.4 12.6



#44

Trichloroethene

Concen: 21.890 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012061.D

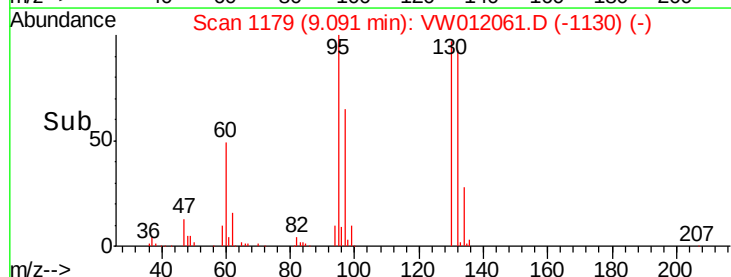
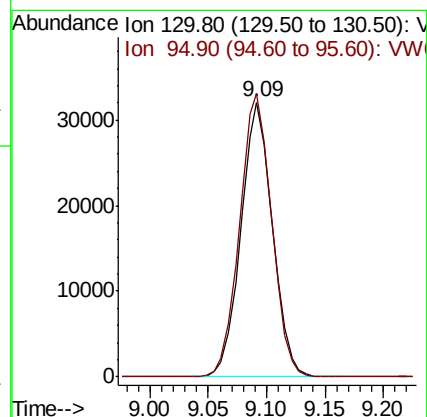
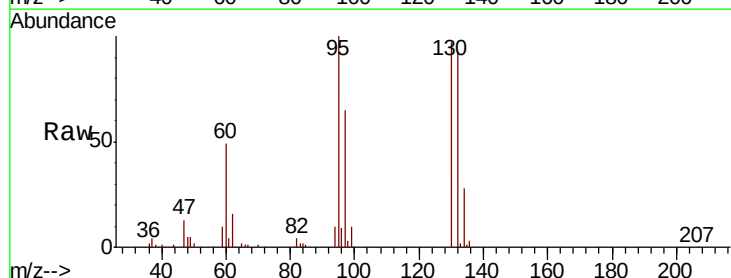
Acq: 21 Aug 2019 10:33

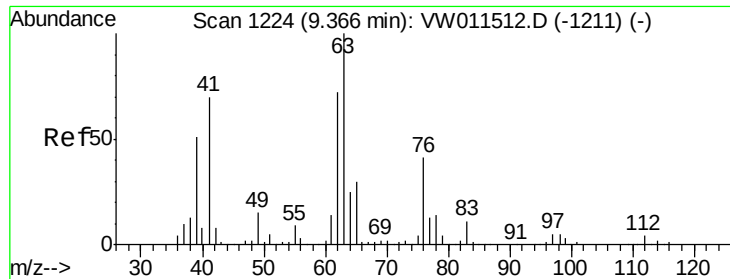
Tgt Ion: 130 Resp: 60596

Ion Ratio Lower Upper

130 100

95 103.0 0.0 204.8

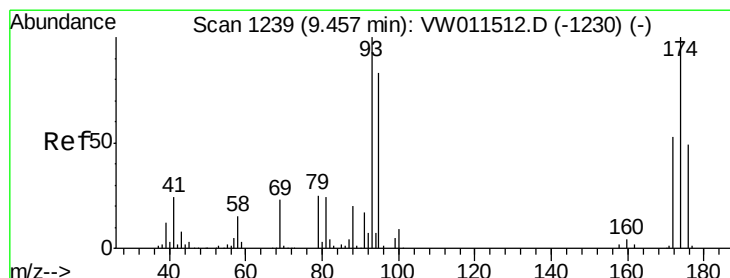
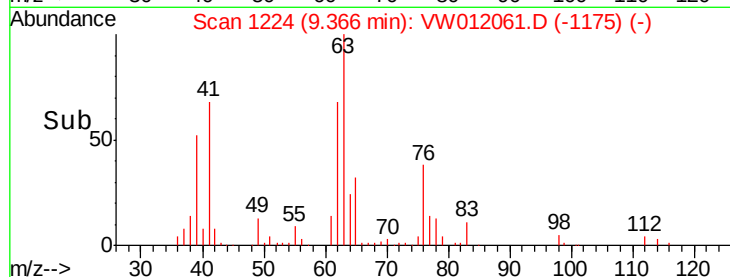
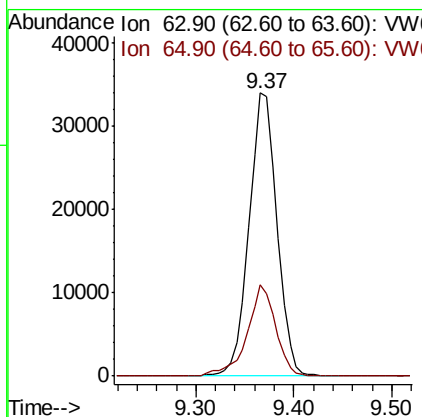
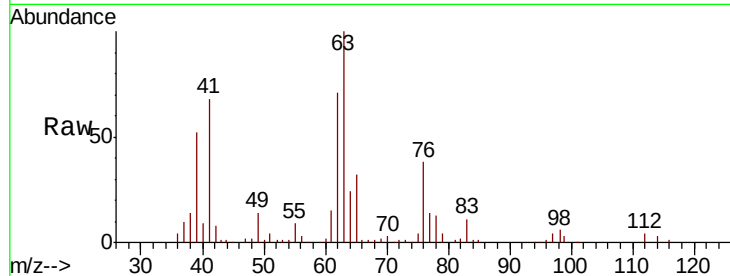




#45
 1,2-Dichloropropane
 Concen: 21.808 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

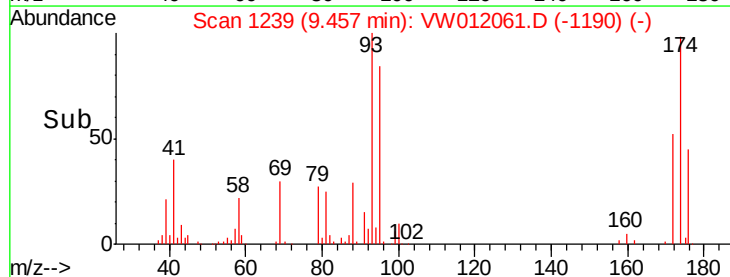
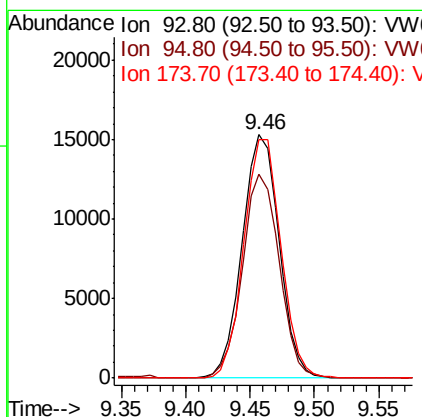
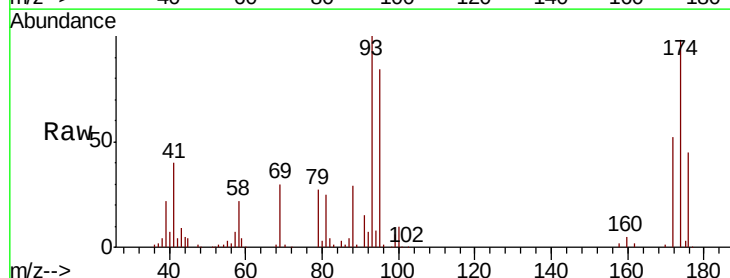
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

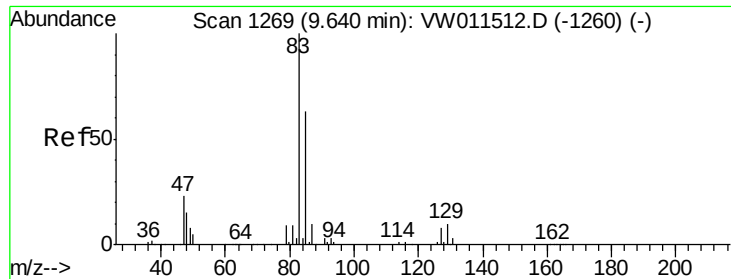
Tgt Ion: 63 Resp: 67207
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.2 36.4



#46
 Dibromomethane
 Concen: 21.639 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 93 Resp: 30437
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.2
 174 98.2 78.2 117.4

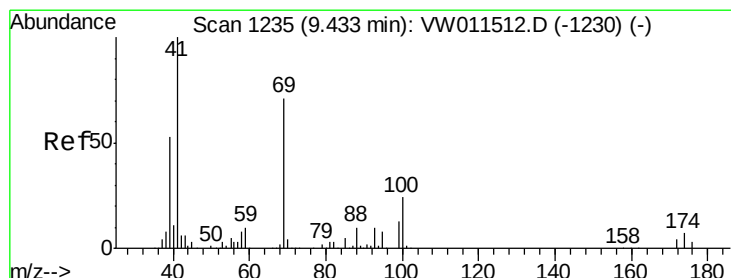
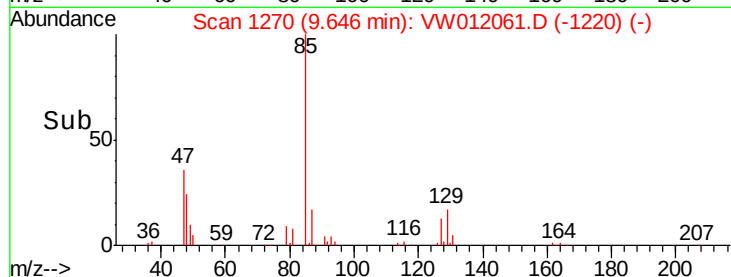
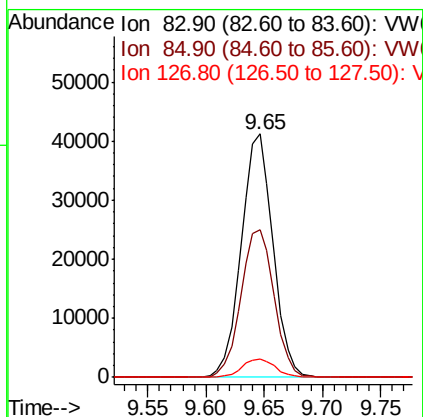
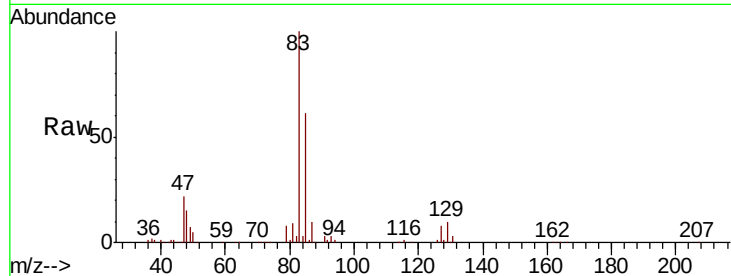




#47
Bromodichloromethane
Concen: 21.235 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

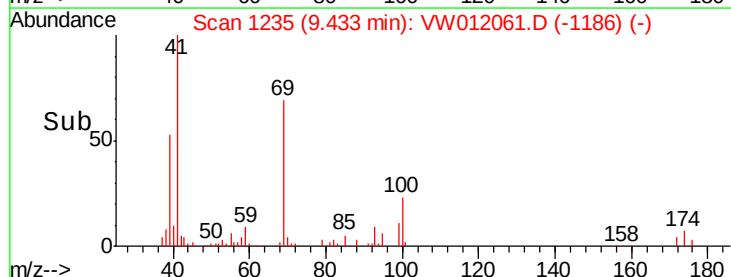
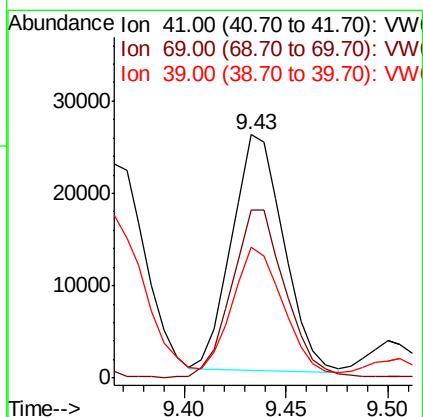
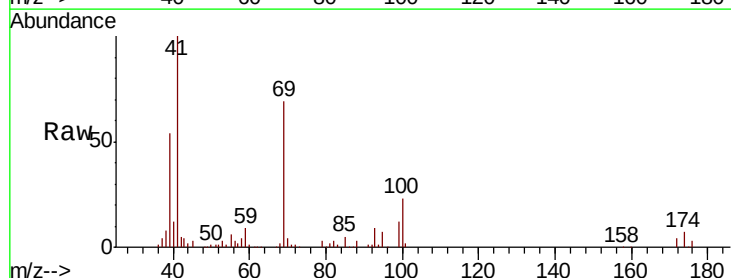
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

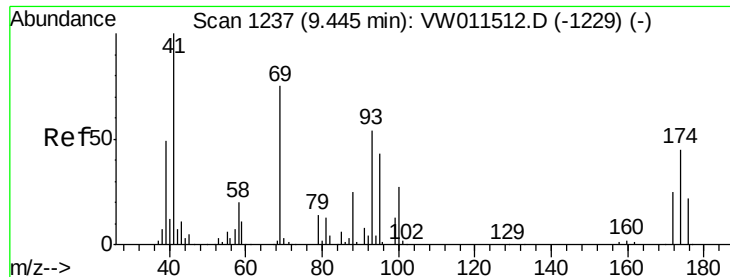
Tgt Ion: 83 Resp: 78350
Ion Ratio Lower Upper
83 100
85 60.5 50.5 75.7
127 7.6 6.4 9.6



#48
Methyl methacrylate
Concen: 21.559 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion: 41 Resp: 45056
Ion Ratio Lower Upper
41 100
69 75.5 57.1 85.7
39 50.9 45.4 68.2





#49

1,4-Dioxane

Concen: 463.511 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

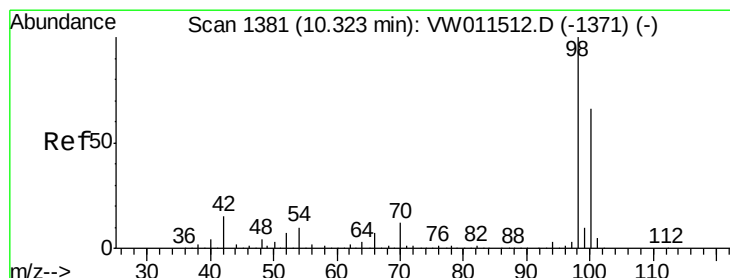
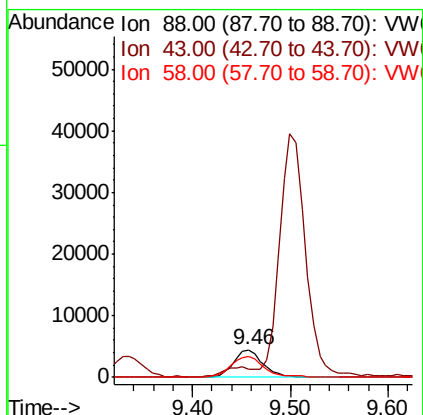
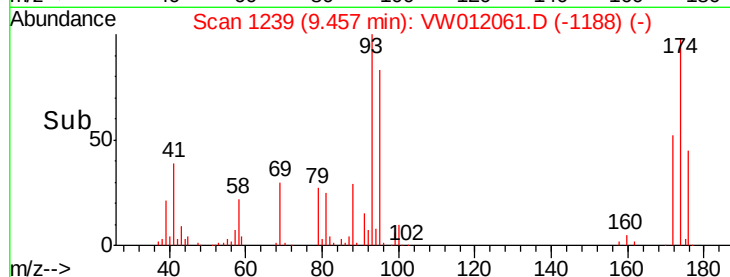
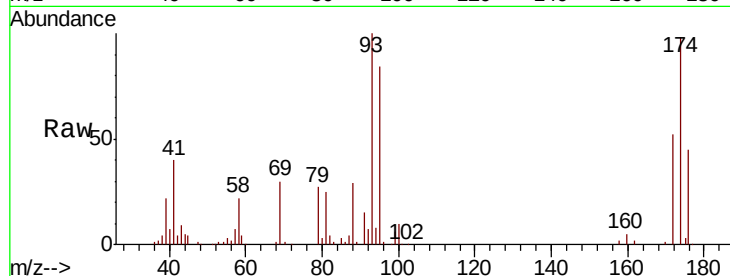
Tgt Ion: 88 Resp: 9440

Ion Ratio Lower Upper

88 100

43 36.1 34.0 51.0

58 85.3 69.7 104.5



#50

Toluene-d8

Concen: 54.528 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012061.D

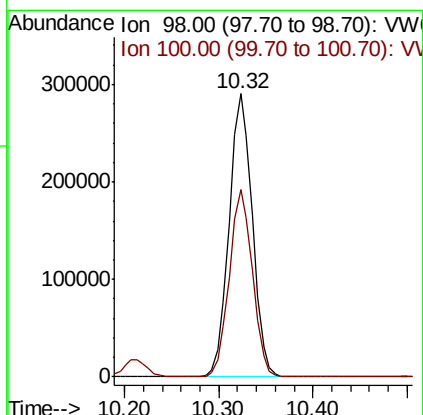
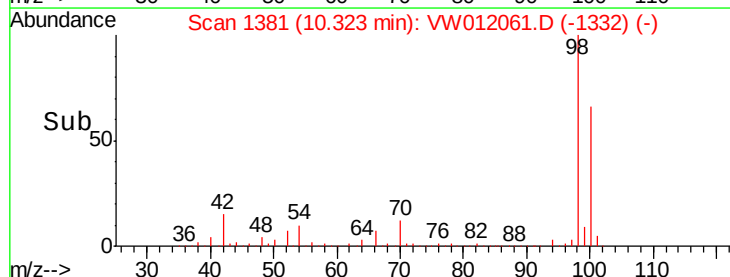
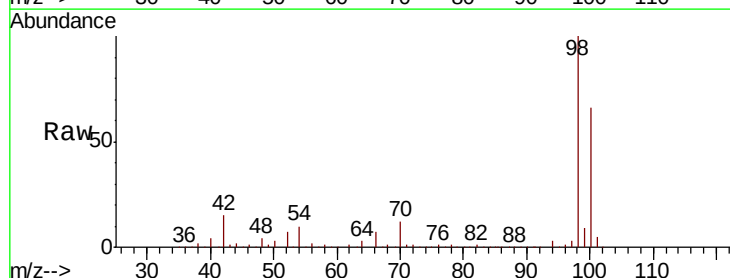
Acq: 21 Aug 2019 10:33

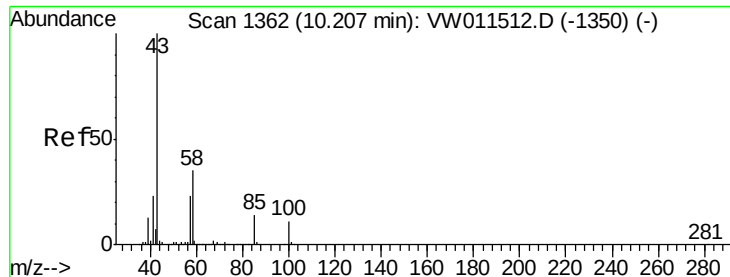
Tgt Ion: 98 Resp: 495299

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1

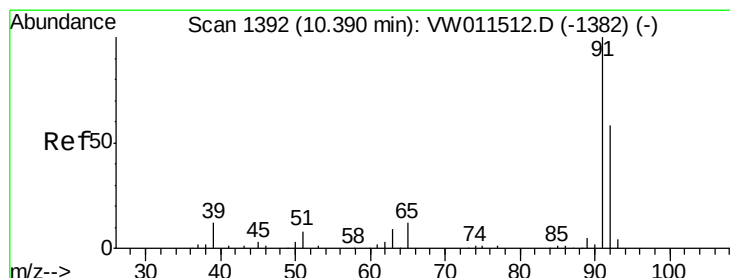
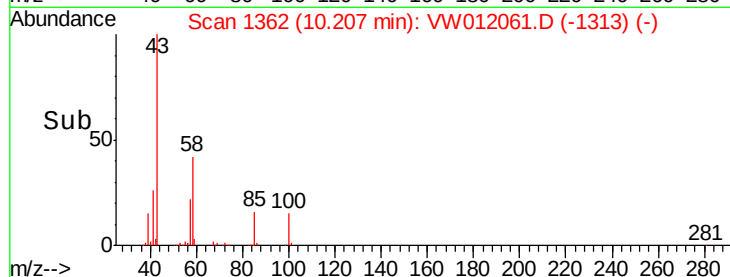
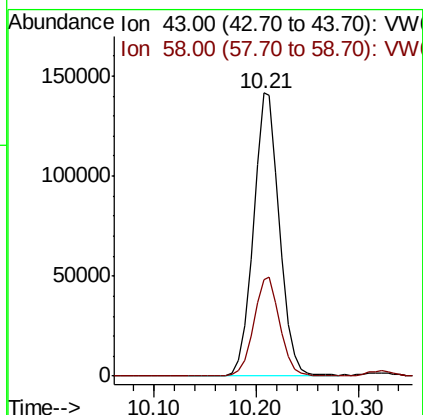
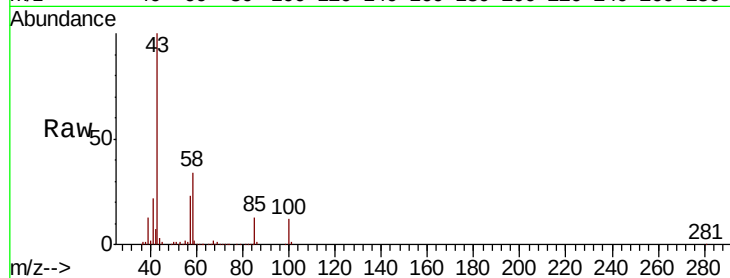




#51
 4-Methyl-2-Pentanone
 Concen: 111.035 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

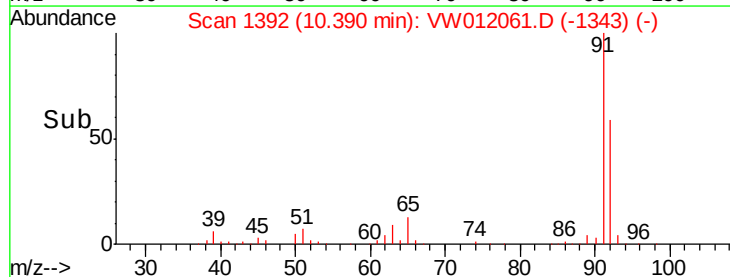
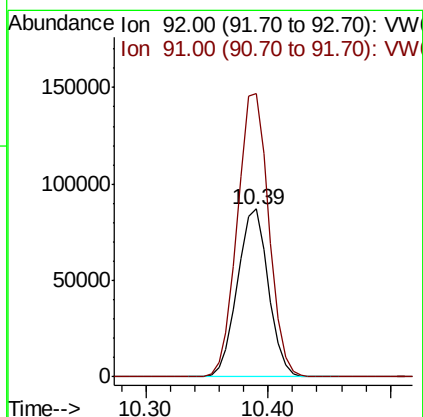
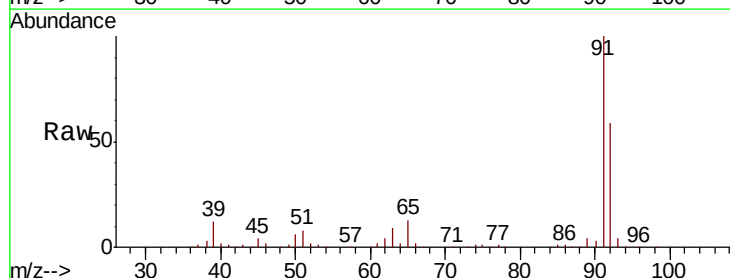
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

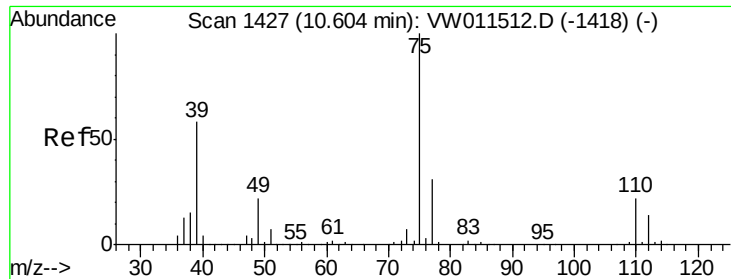
Tgt Ion: 43 Resp: 251274
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.2 42.2



#52
 Toluene
 Concen: 22.010 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 92 Resp: 153090
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.7 205.1

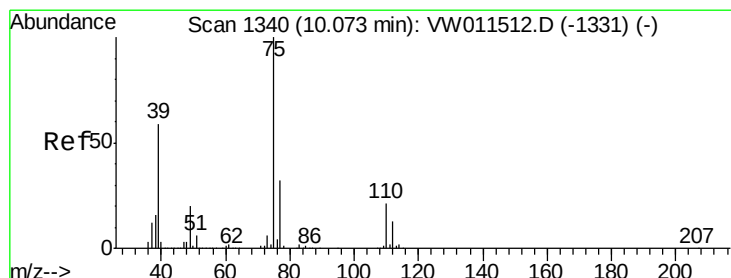
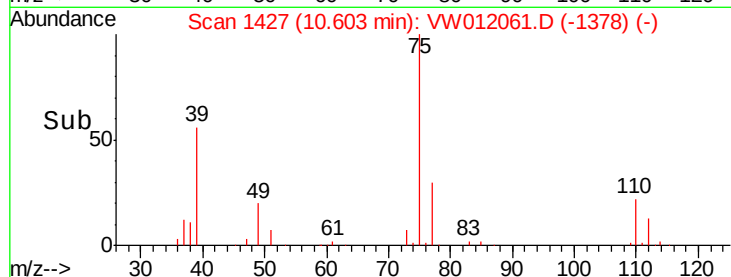
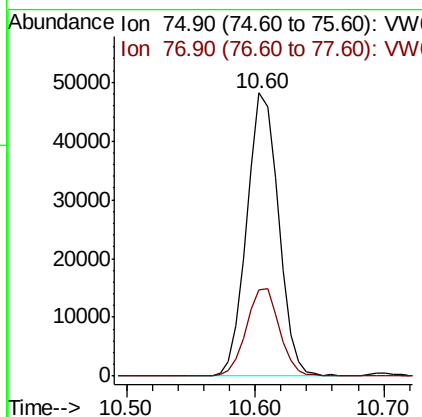
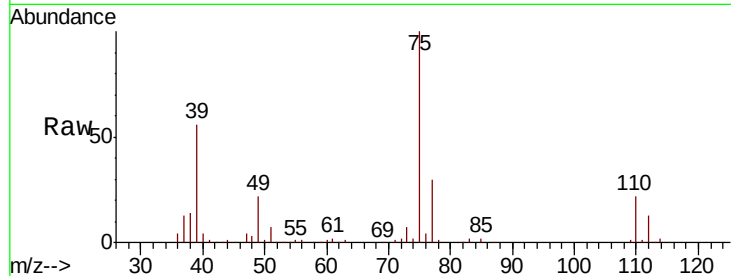




#53
 t-1,3-Dichloropropene
 Concen: 21.264 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

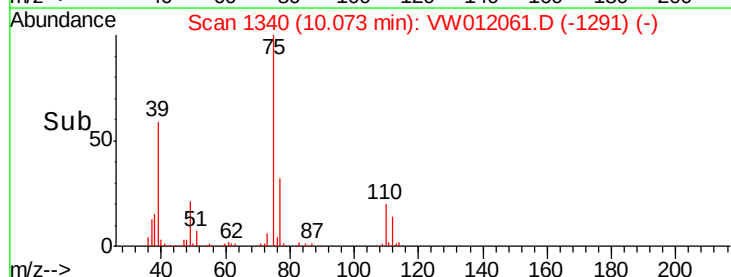
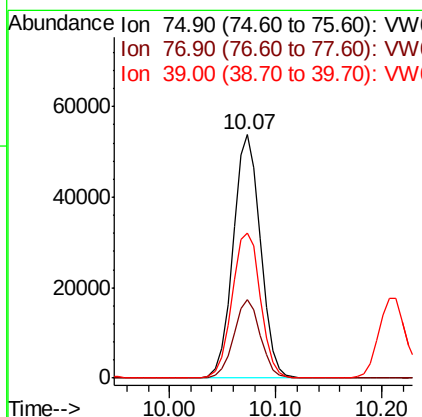
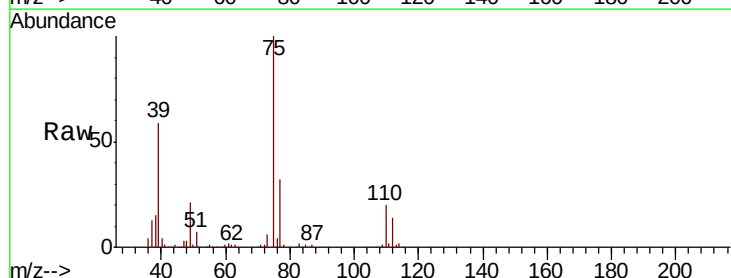
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0821SBS01

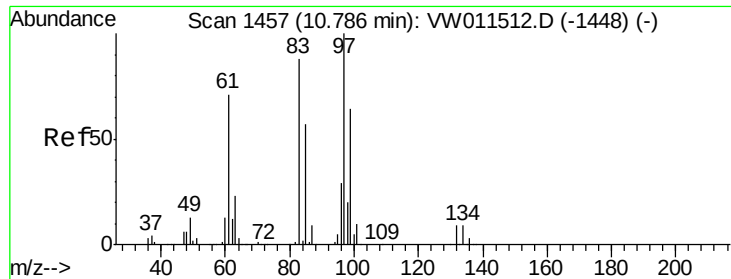
Tgt Ion: 75 Resp: 81958
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.138 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 75 Resp: 96869
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4
 39 59.5 47.0 70.4

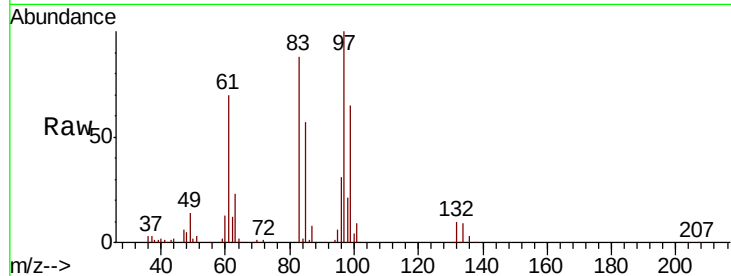




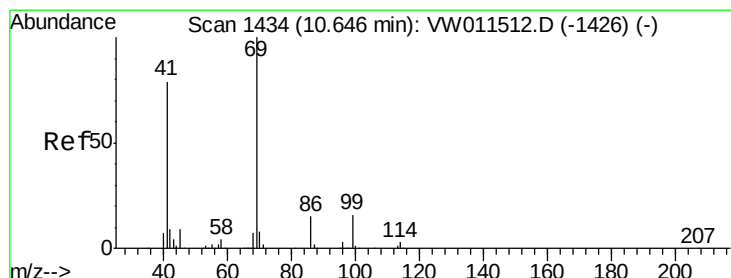
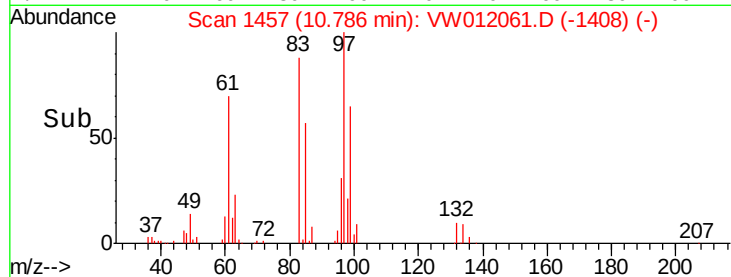
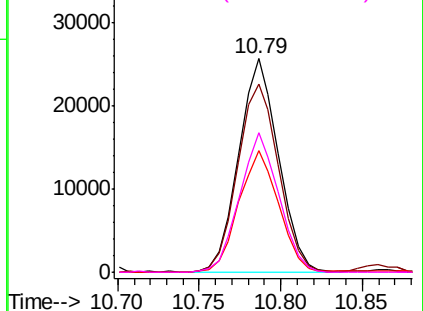
#55
 1,1,2-Trichloroethane
 Concen: 21.801 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

Tgt Ion:	97	Resp:	43509
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	56.8	45.8	68.6
99	65.3	51.0	76.4

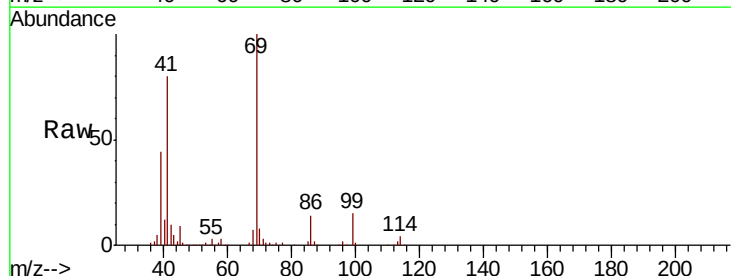


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

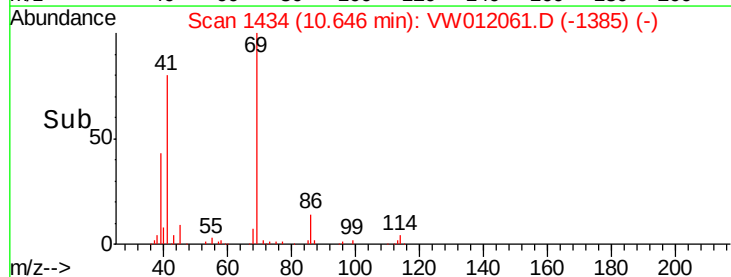
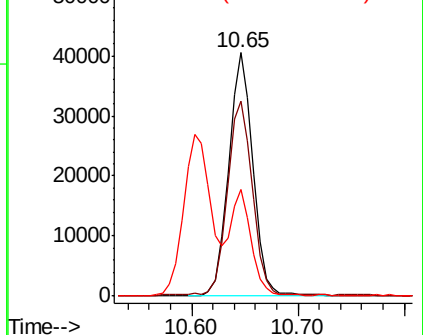


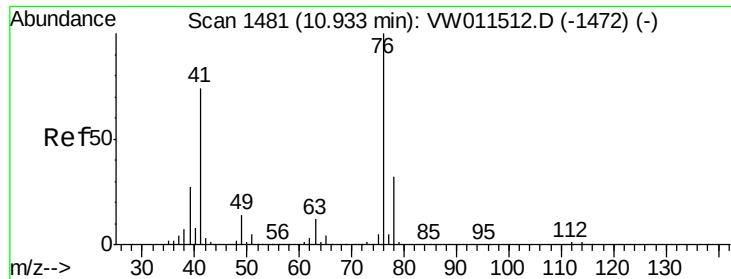
#56
 Ethyl methacrylate
 Concen: 22.204 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion:	69	Resp:	64844
Ion	Ratio	Lower	Upper
69	100		
41	81.3	66.6	99.8
39	37.8	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

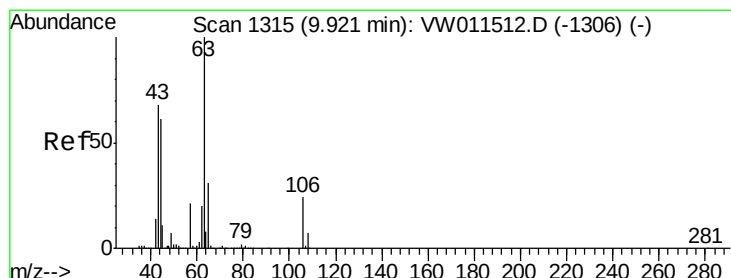
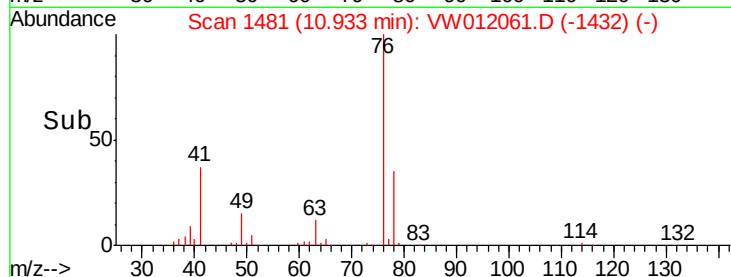
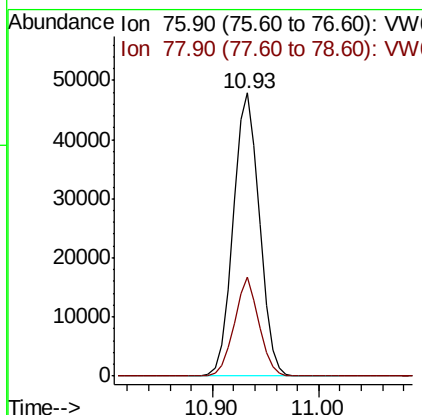
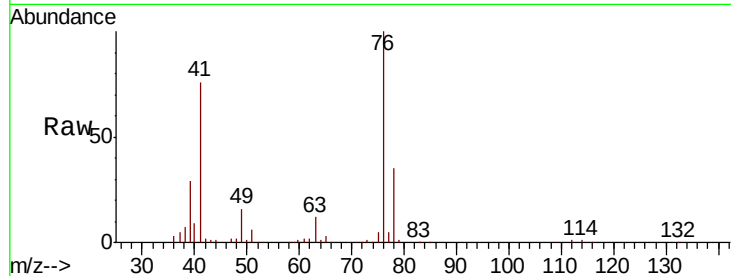




#57
 1,3-Dichloropropane
 Concen: 21.923 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

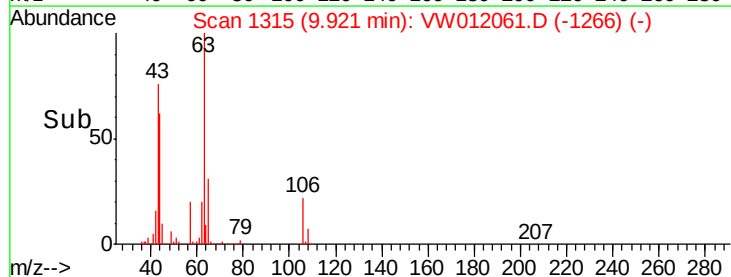
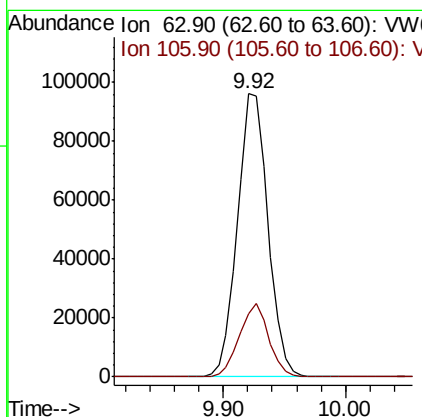
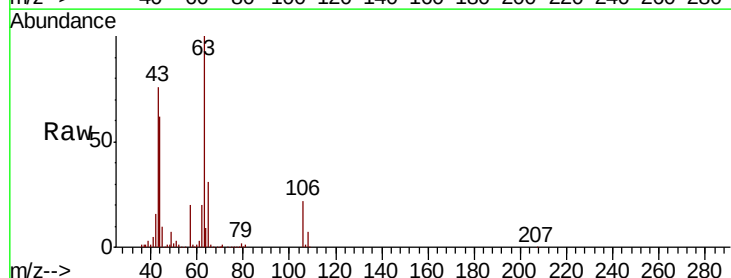
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

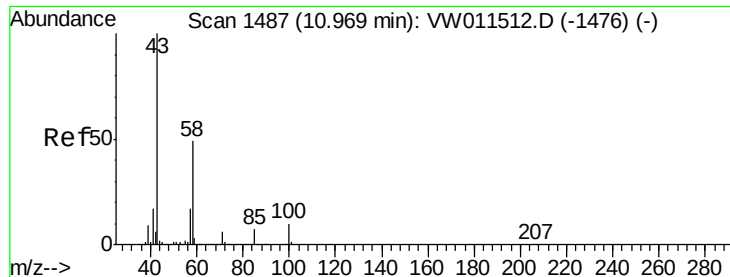
Tgt Ion: 76 Resp: 82776
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 125.681 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 63 Resp: 166649
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.7 29.5

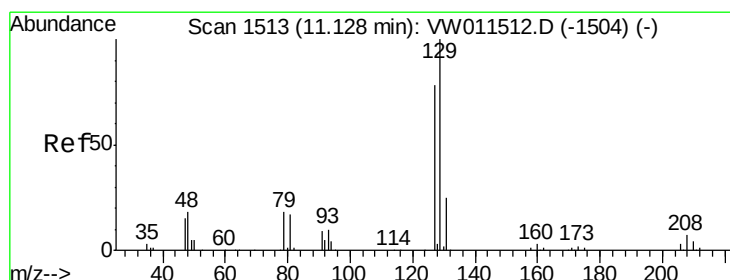
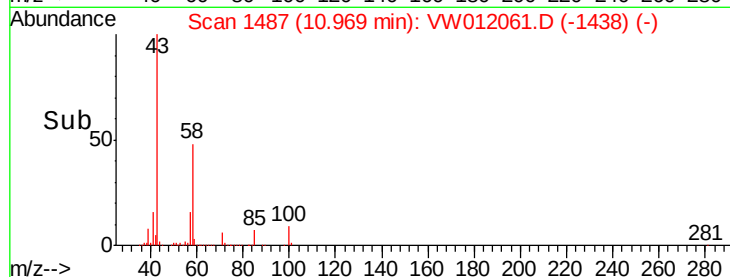
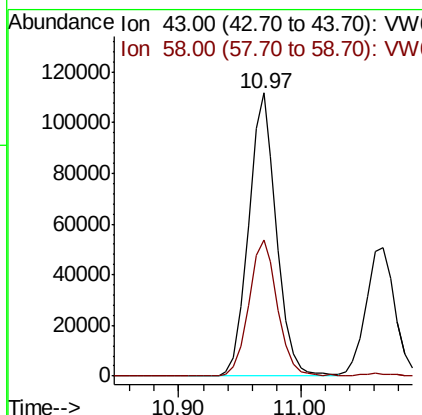
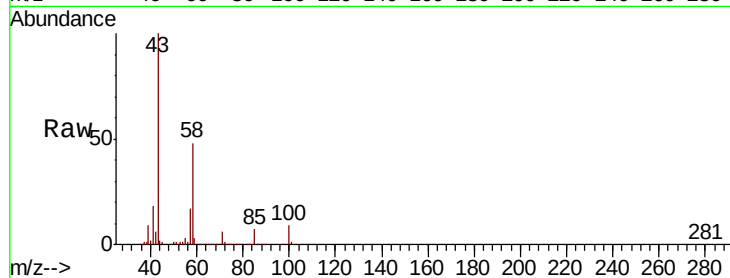




#59
2-Hexanone
Concen: 110.006 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

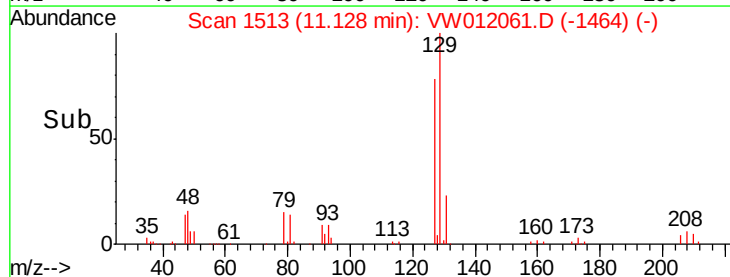
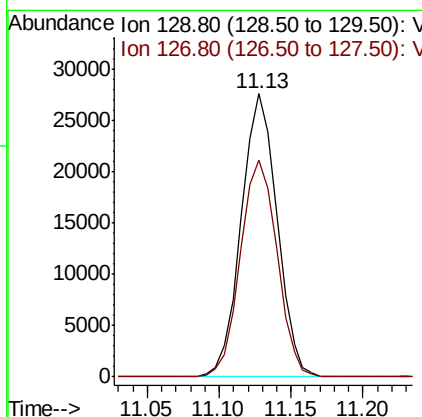
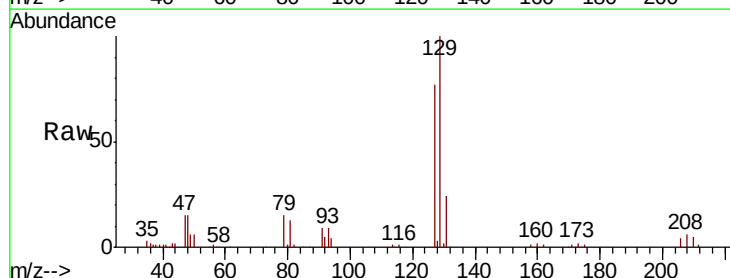
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

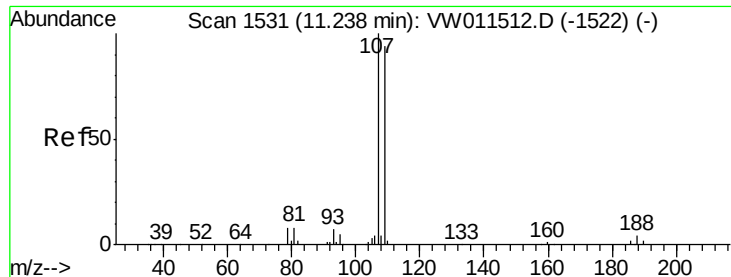
Tgt Ion: 43 Resp: 175772
Ion Ratio Lower Upper
43 100
58 49.5 24.3 72.9



#60
Dibromochloromethane
Concen: 21.560 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion: 129 Resp: 47761
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7

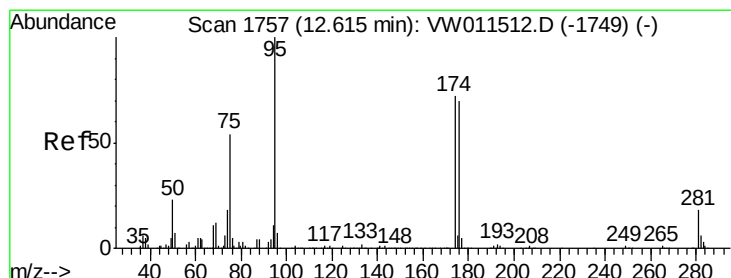
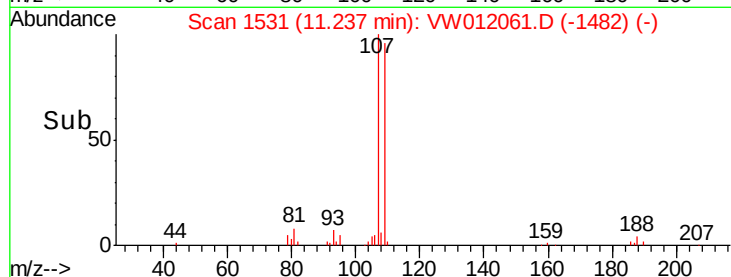
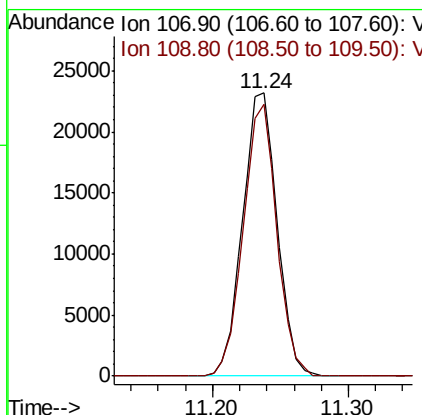
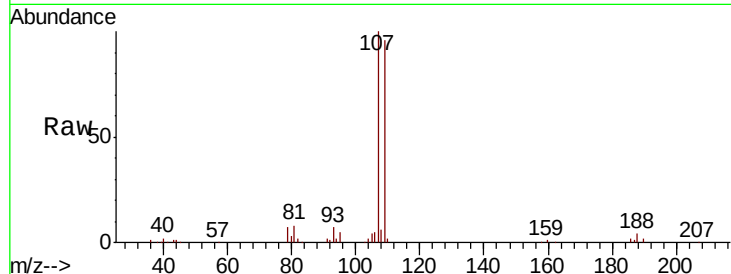




#61
 1,2-Dibromoethane
 Concen: 21.808 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

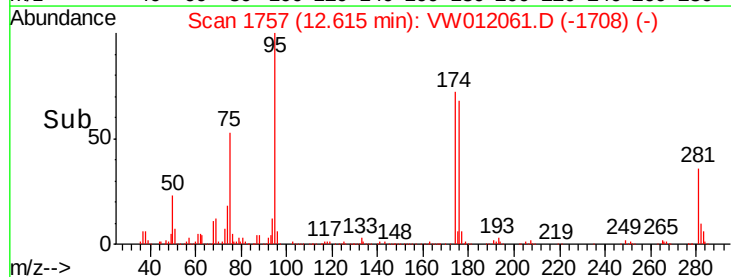
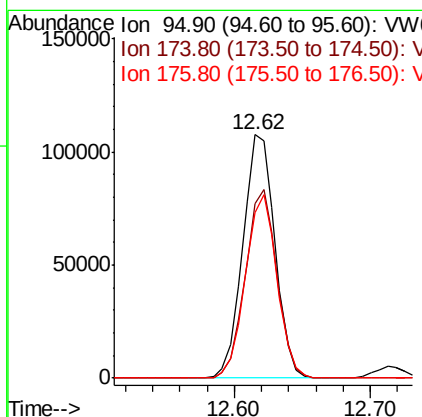
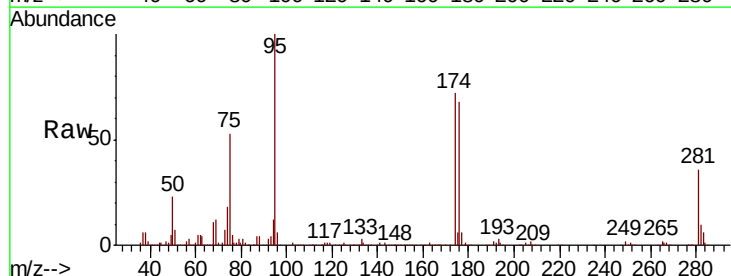
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

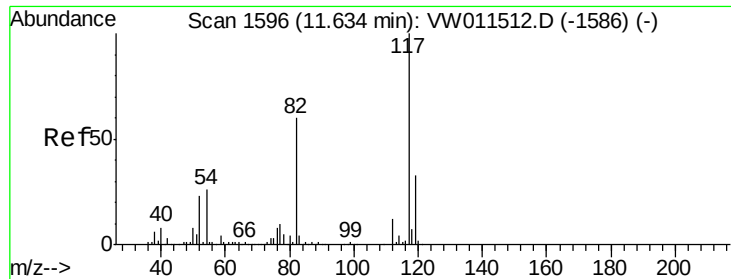
Tgt Ion: 107 Resp: 41187
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 54.790 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 95 Resp: 177430
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 150.2
 176 74.2 0.0 144.4

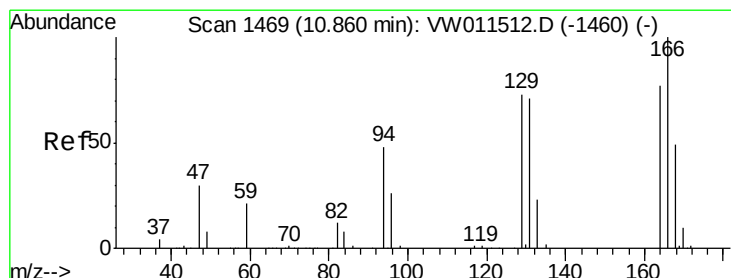
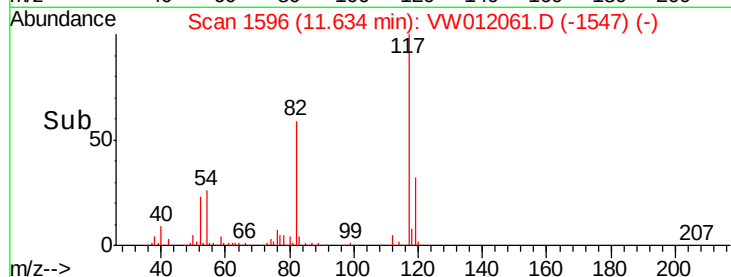
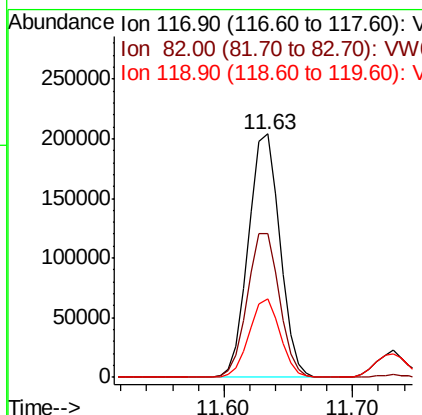
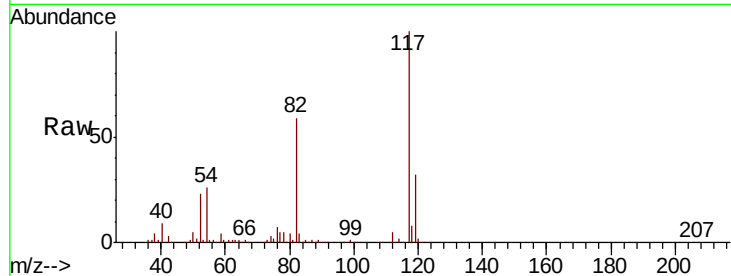




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

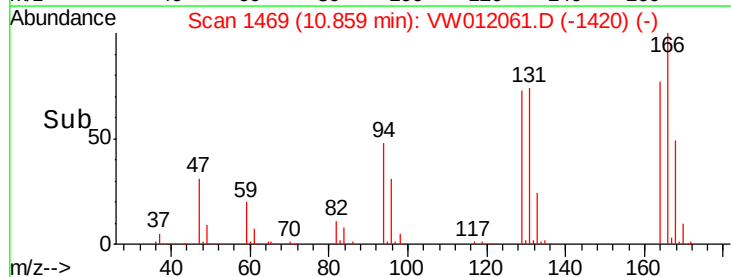
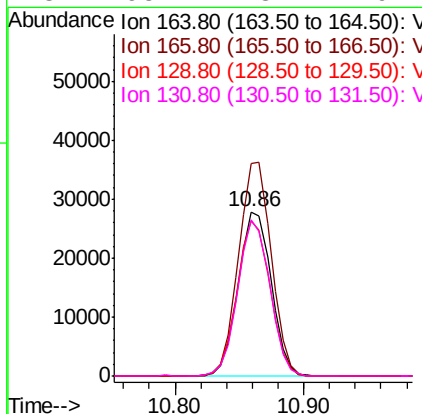
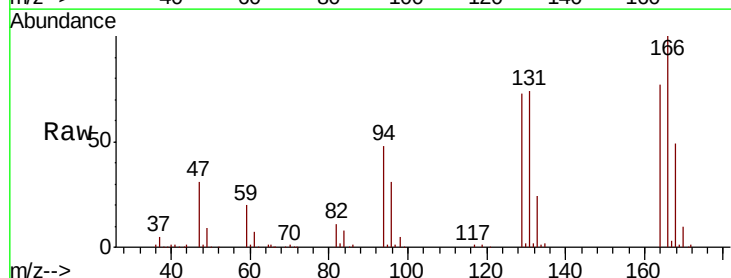
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

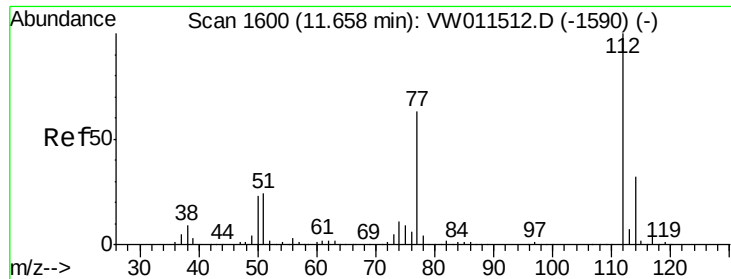
Tgt Ion:117 Resp: 344191
Ion Ratio Lower Upper
117 100
82 59.2 47.9 71.9
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 22.063 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion:164 Resp: 49444
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 94.0 75.2 112.8
131 95.1 73.4 110.2

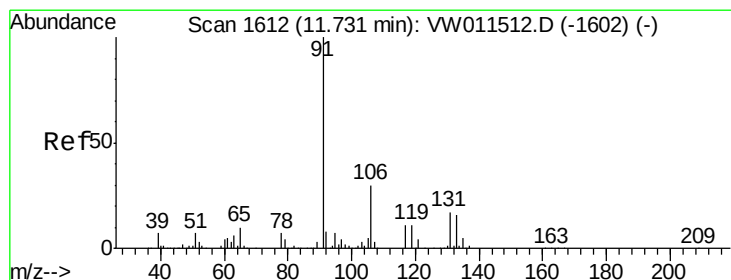
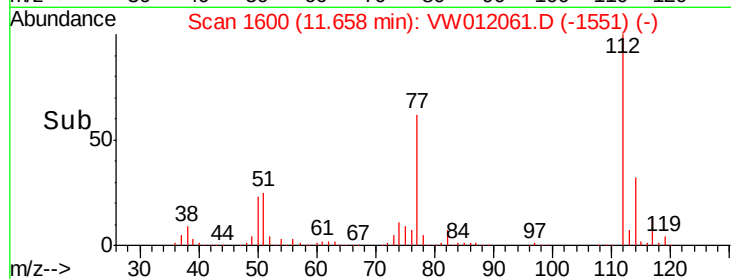
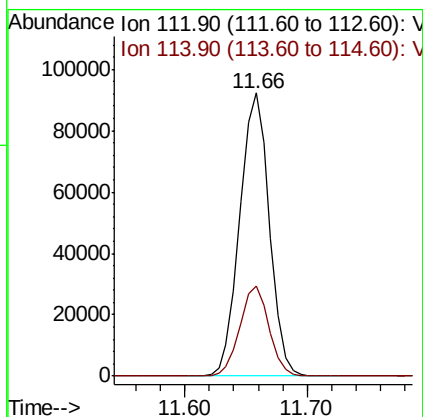
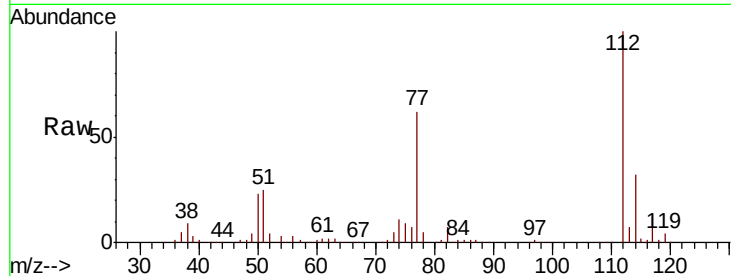




#65
Chlorobenzene
Concen: 22.327 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

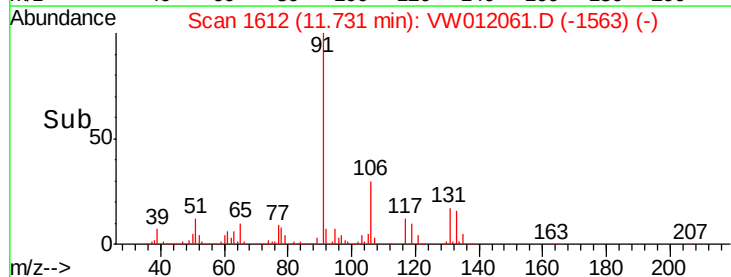
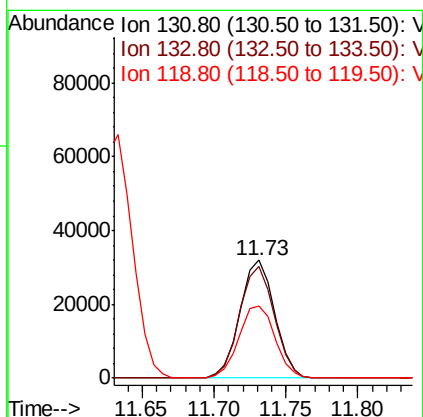
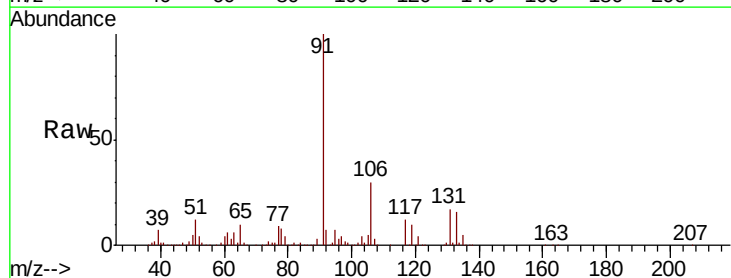
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

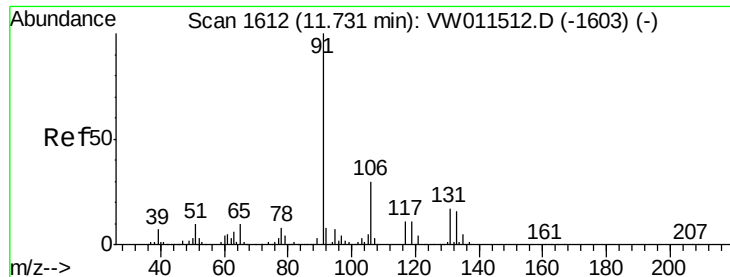
Tgt Ion:112 Resp: 154503
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.086 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion:131 Resp: 53236
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 64.1 32.3 96.9

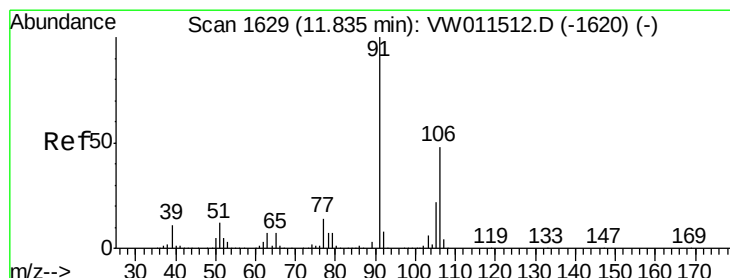
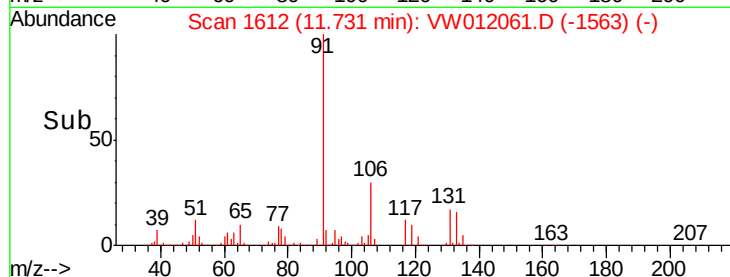
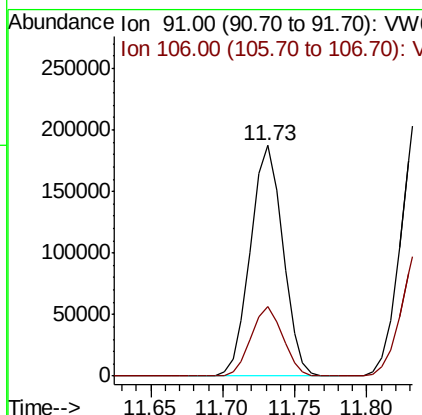
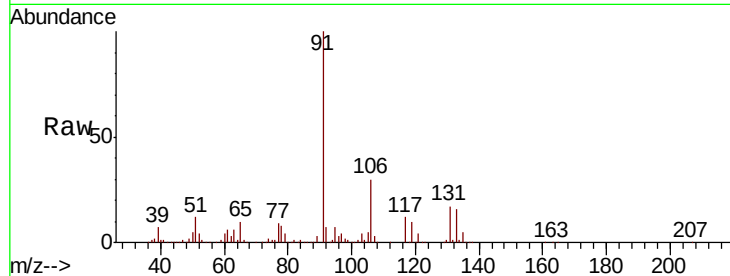




#67
Ethyl Benzene
Concen: 22.246 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

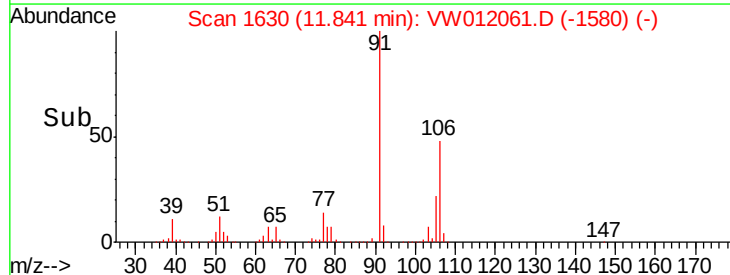
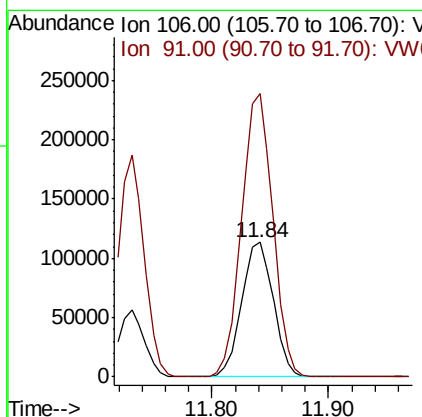
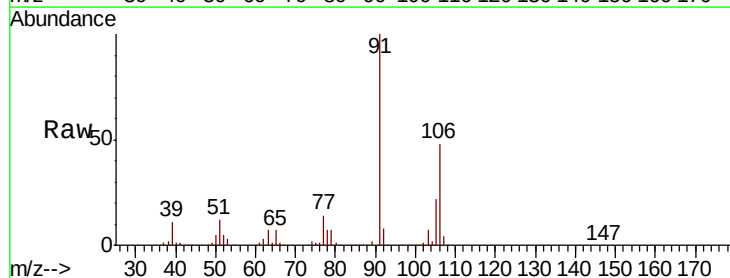
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

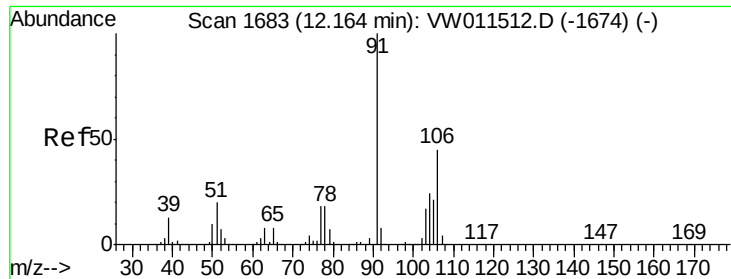
Tgt Ion: 91 Resp: 293189
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 44.918 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion: 106 Resp: 215287
Ion Ratio Lower Upper
106 100
91 208.2 168.2 252.2

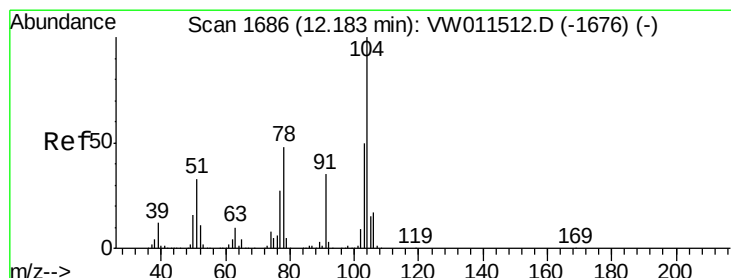
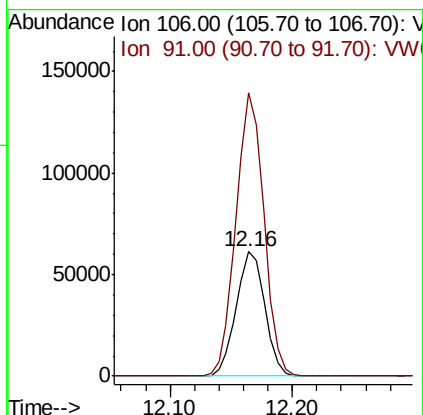
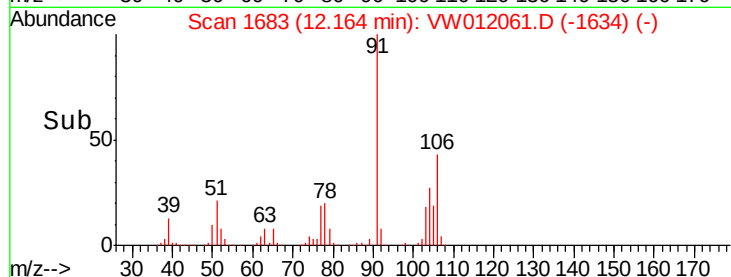
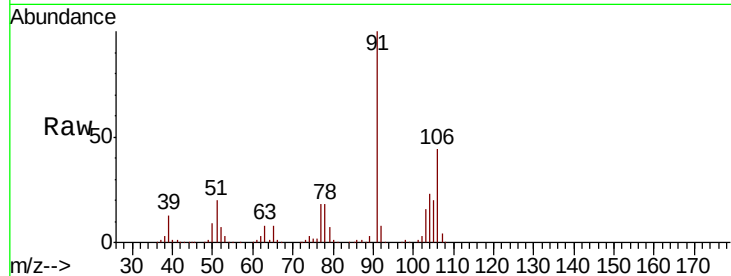




#69
o-Xylene
Concen: 22.295 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

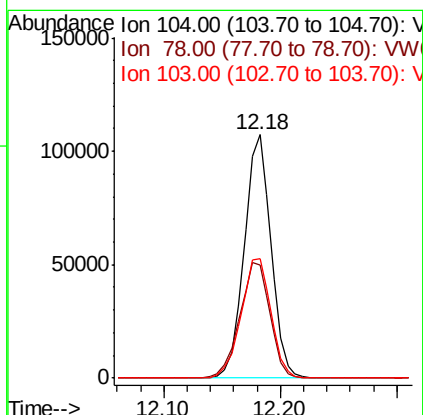
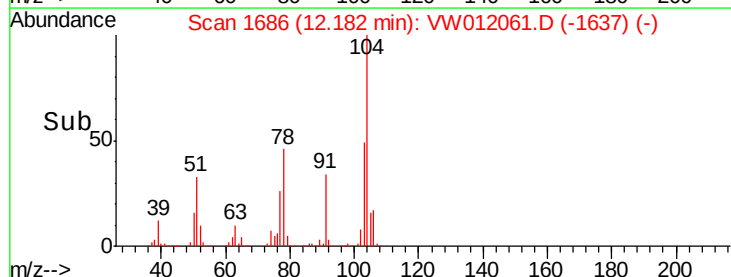
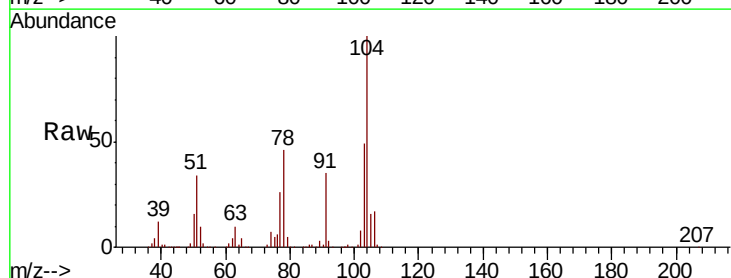
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

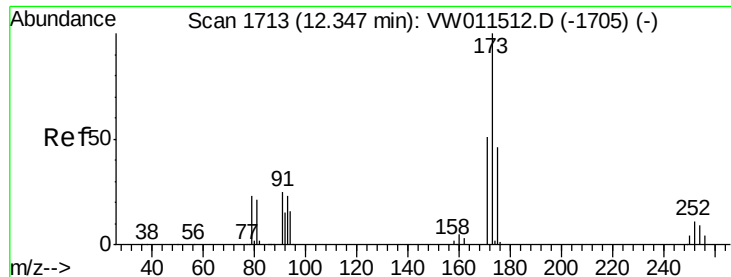
Tgt Ion:106 Resp: 99298
Ion Ratio Lower Upper
106 100
91 222.0 110.5 331.5



#70
Styrene
Concen: 22.275 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion:104 Resp: 171536
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.0
103 54.9 43.9 65.9





#71

Bromoform

Concen: 21.940 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

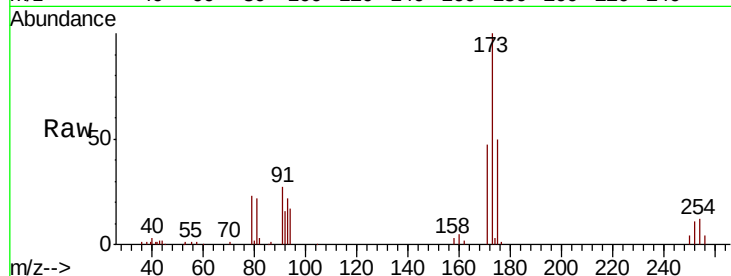
Tgt Ion:173 Resp: 26963

Ion Ratio Lower Upper

173 100

175 47.5 23.6 71.0

254 0.0 0.1 0.1#

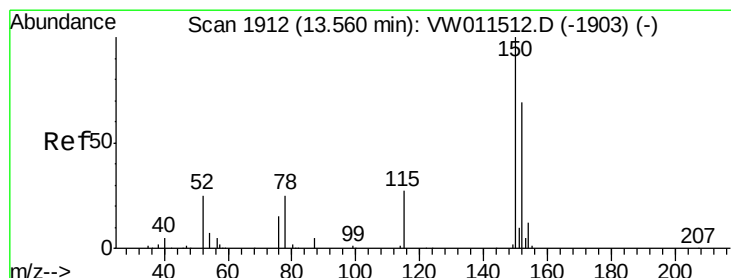
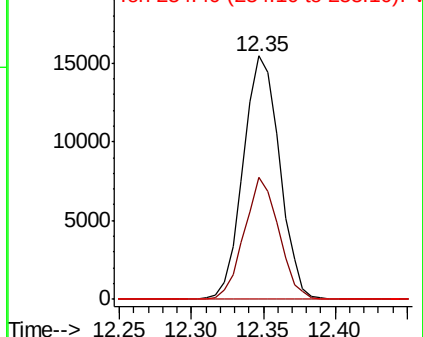
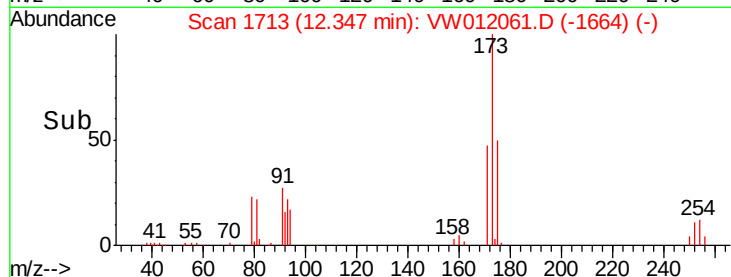


Abundance

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: VW012061.D

Acq: 21 Aug 2019 10:33

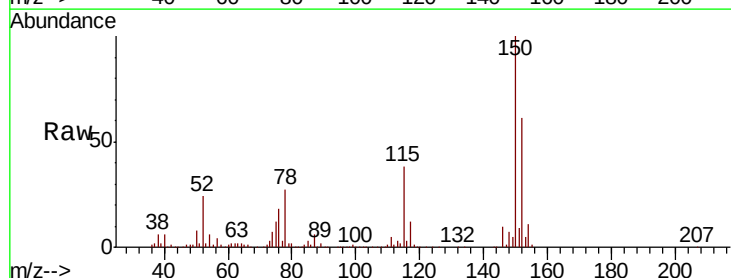
Tgt Ion:152 Resp: 166450

Ion Ratio Lower Upper

152 100

115 61.3 30.5 91.5

150 165.6 0.0 352.6

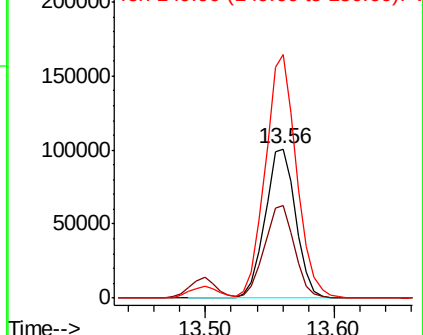
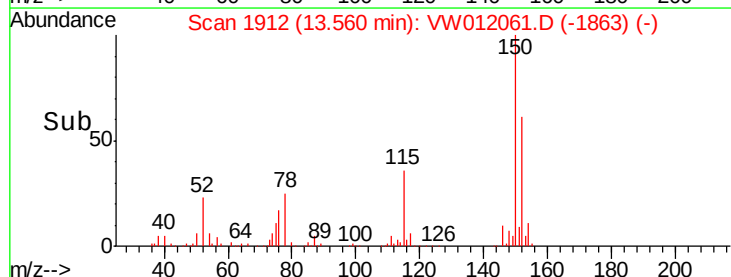


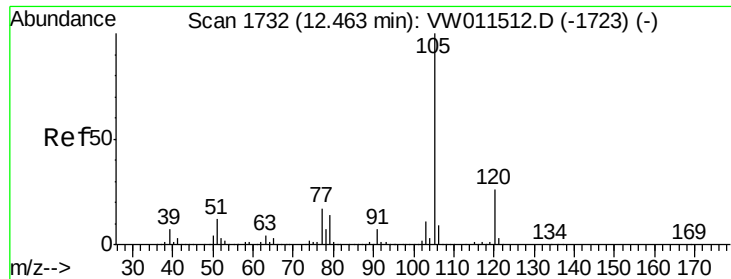
Abundance

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: 22.423 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

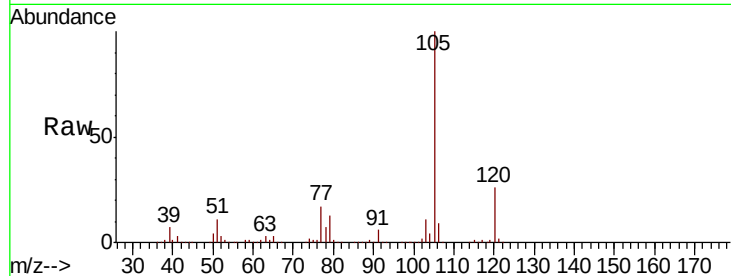
VW0821SBSD01

Tgt Ion: 105 Resp: 278438

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

200000

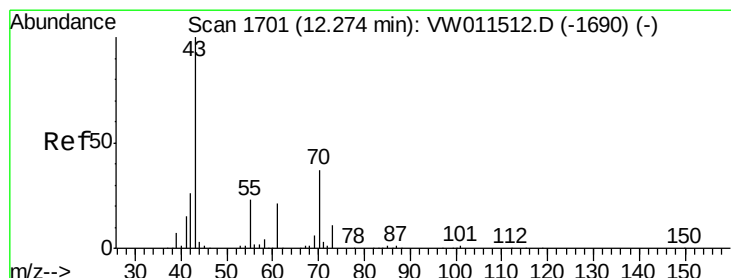
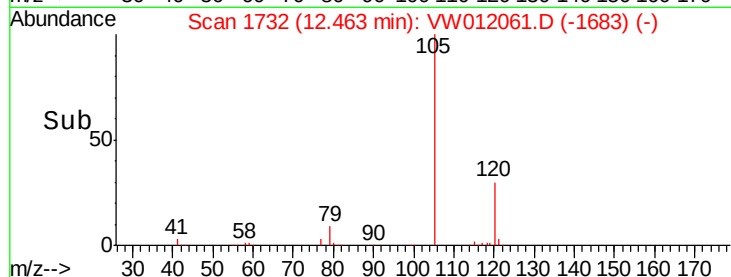
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 22.257 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Tgt Ion: 43 Resp: 86528

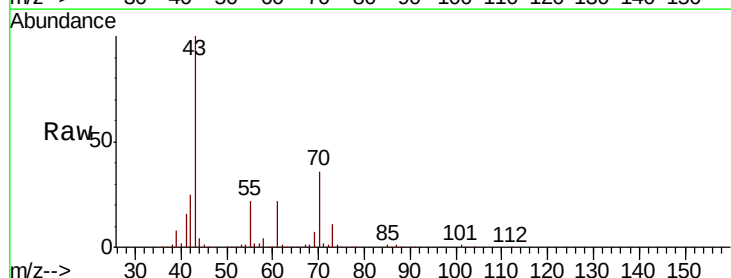
Ion Ratio Lower Upper

43 100

70 36.9 28.6 43.0

55 23.3 17.8 26.8

61 21.9 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

80000

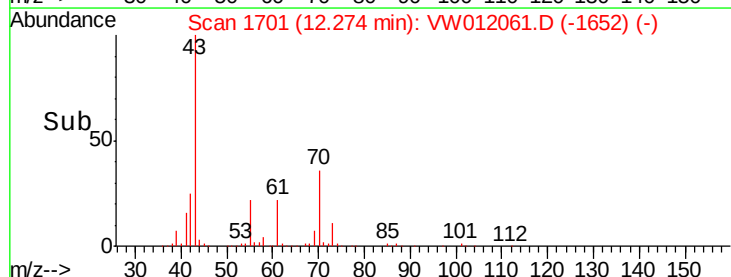
60000

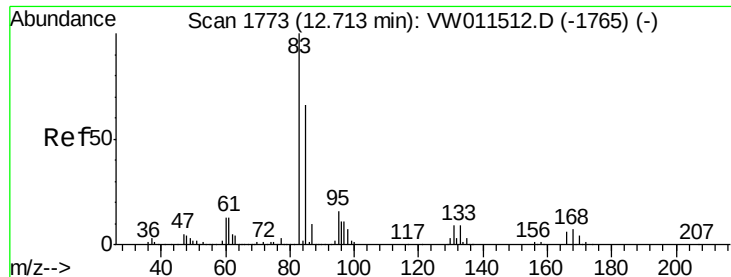
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.753 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

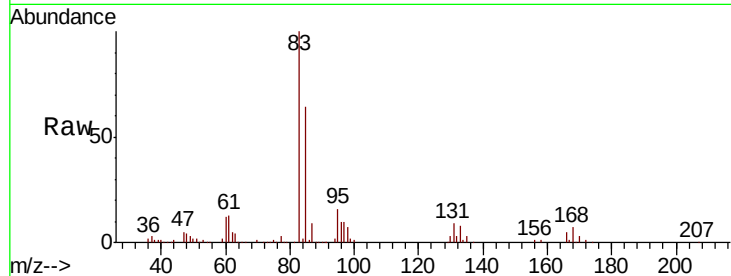
Tgt Ion: 83 Resp: 53145

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

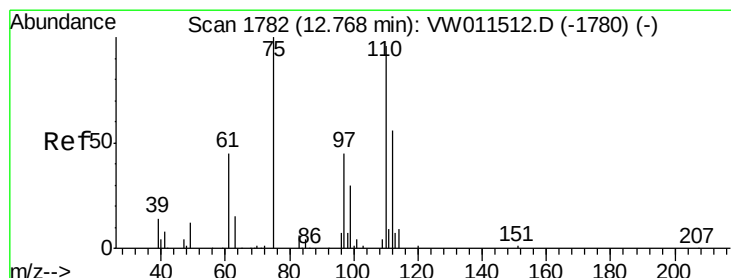
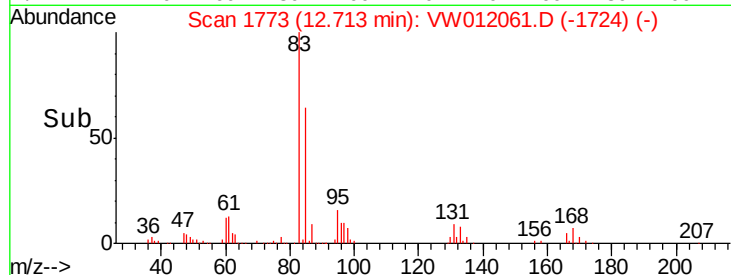
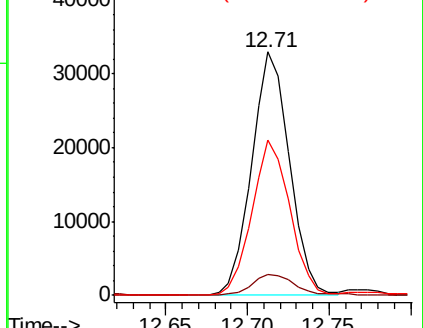
85 63.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.139 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012061.D

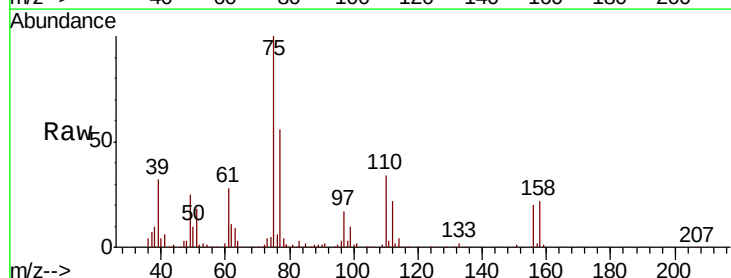
Acq: 21 Aug 2019 10:33

Tgt Ion: 75 Resp: 68933

Ion Ratio Lower Upper

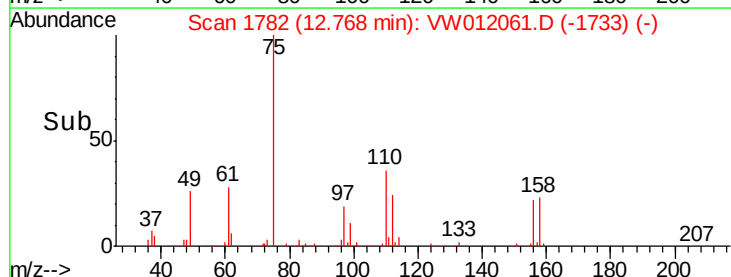
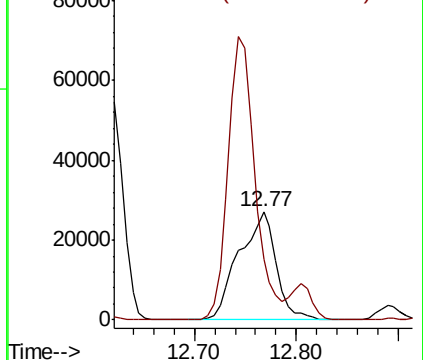
75 100

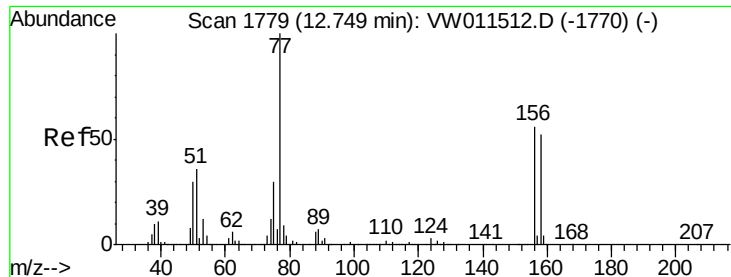
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.855 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

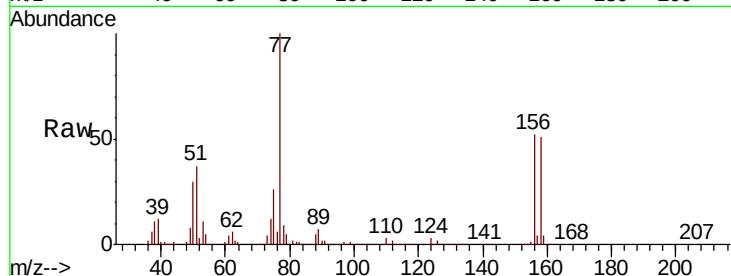
Tgt Ion:156 Resp: 59984

Ion Ratio Lower Upper

156 100

77 216.0 106.5 319.4

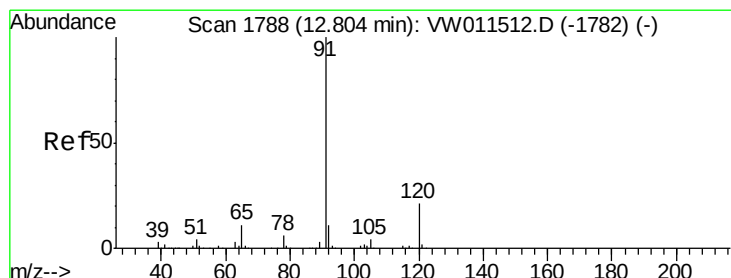
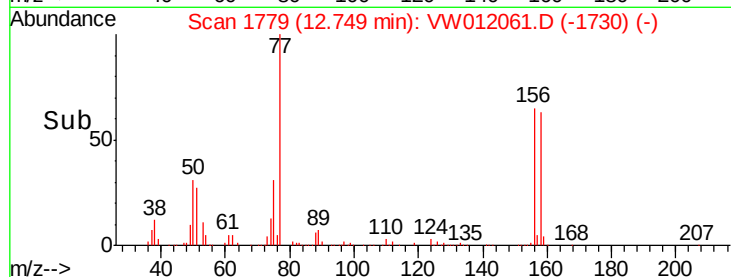
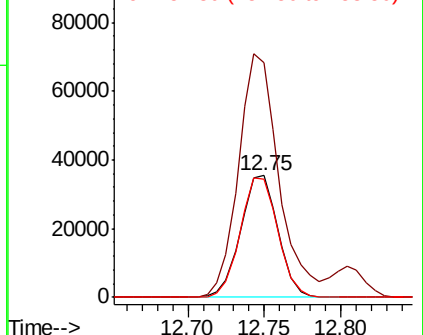
158 99.2 48.0 144.2



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: 22.500 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012061.D

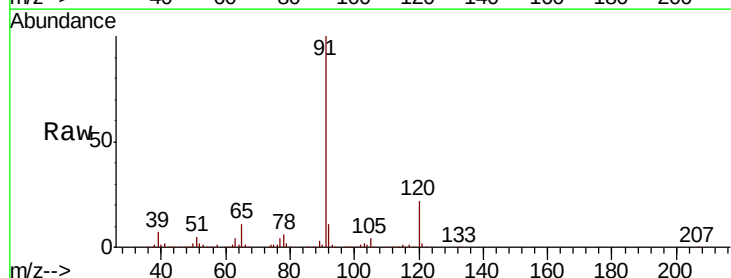
Acq: 21 Aug 2019 10:33

Tgt Ion: 91 Resp: 340024

Ion Ratio Lower Upper

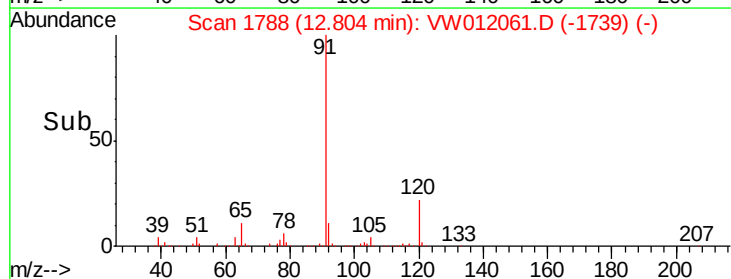
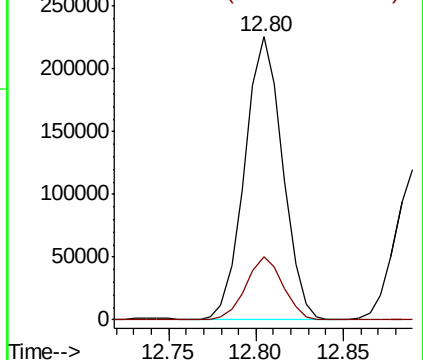
91 100

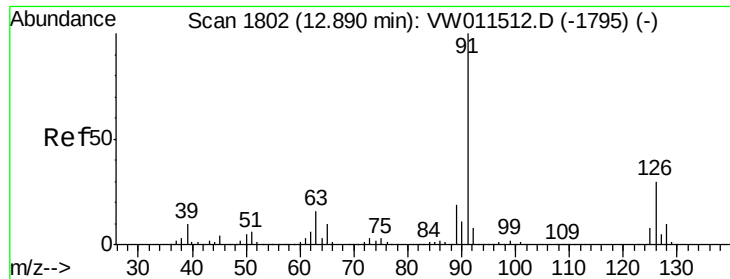
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.334 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

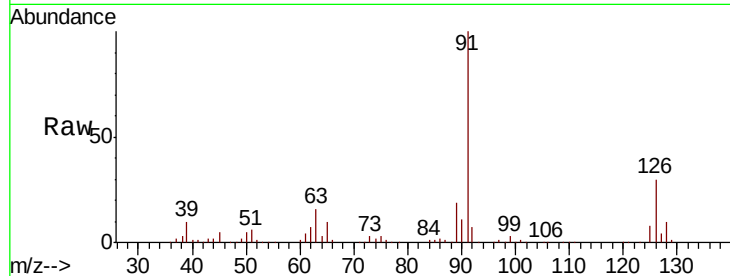
VW0821SBSD01

Tgt Ion: 91 Resp: 194448

Ion Ratio Lower Upper

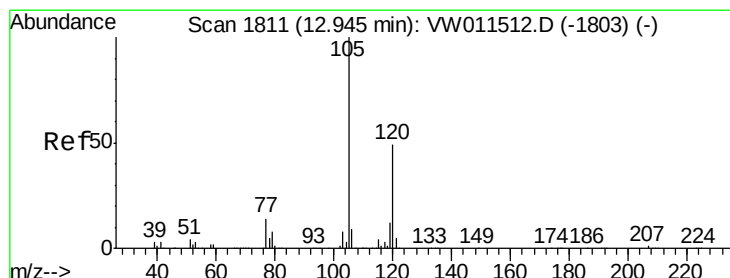
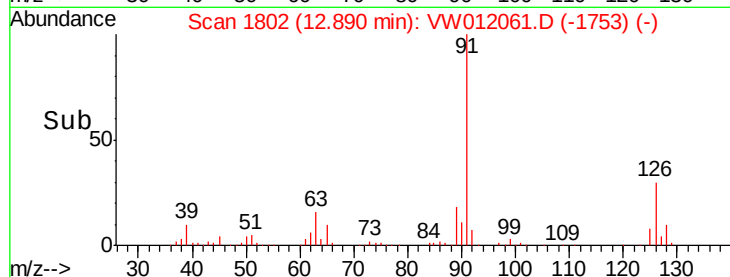
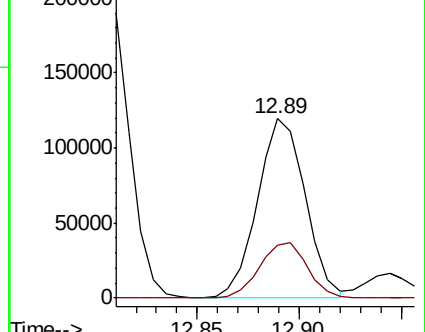
91 100

126 31.3 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.526 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012061.D

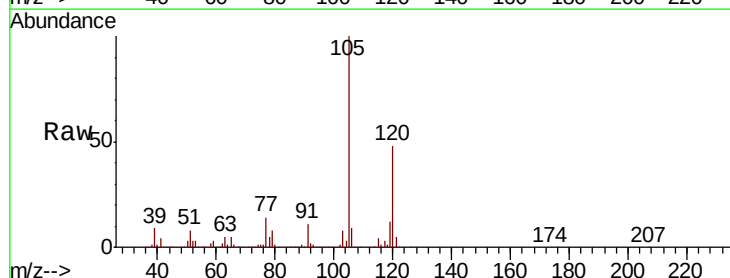
Acq: 21 Aug 2019 10:33

Tgt Ion:105 Resp: 234470

Ion Ratio Lower Upper

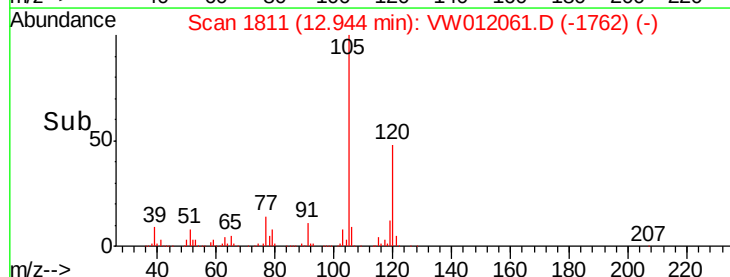
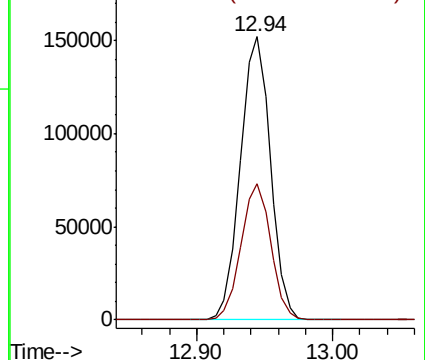
105 100

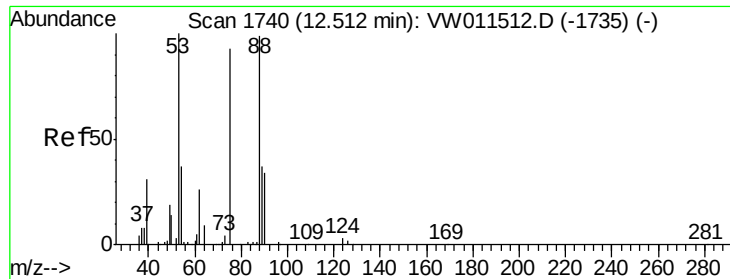
120 47.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.465 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

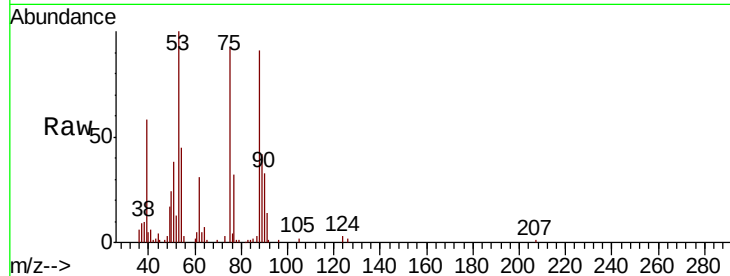
Tgt Ion: 75 Resp: 16404

Ion Ratio Lower Upper

75 100

53 114.4 88.0 132.0

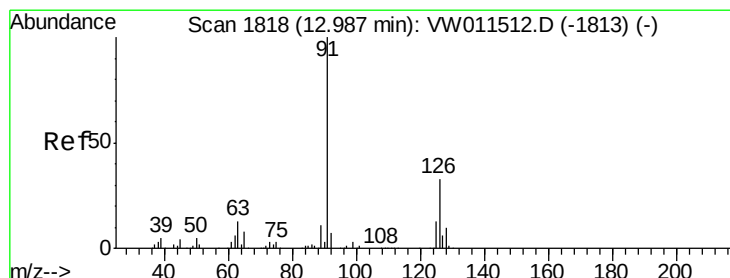
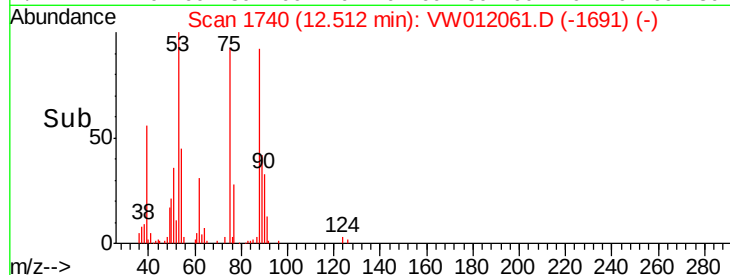
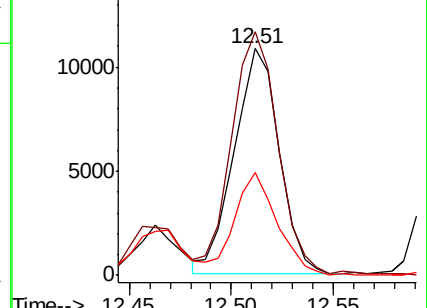
89 43.6 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.991 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012061.D

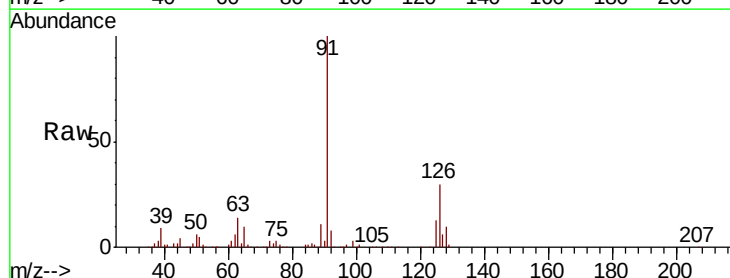
Acq: 21 Aug 2019 10:33

Tgt Ion: 91 Resp: 200880

Ion Ratio Lower Upper

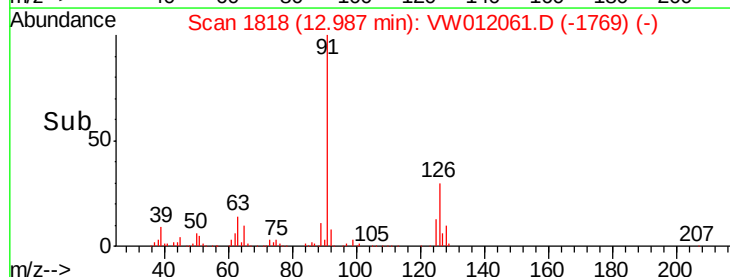
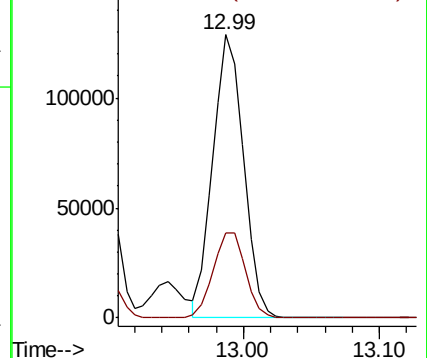
91 100

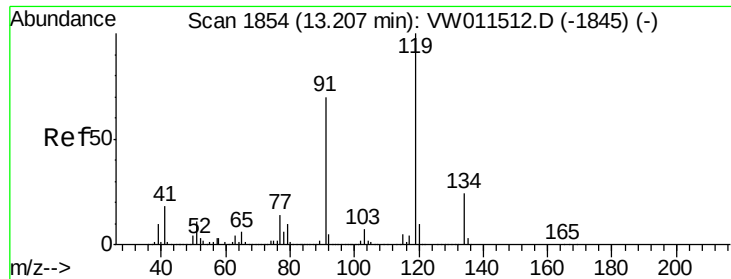
126 31.9 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

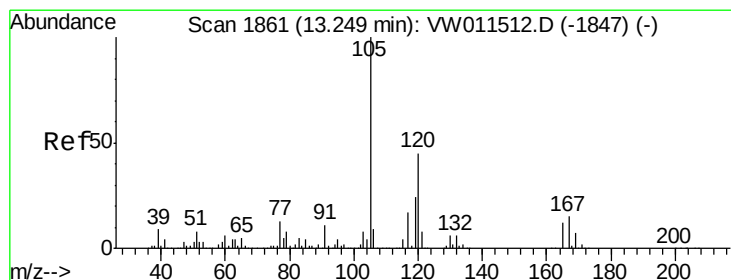
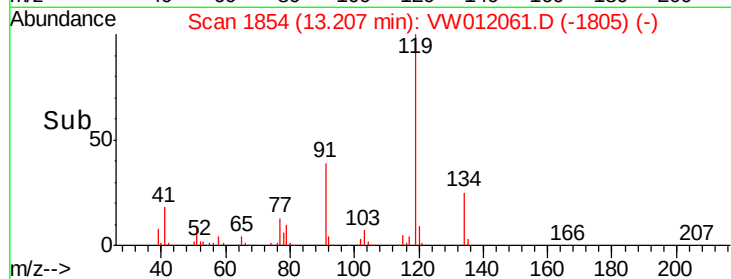
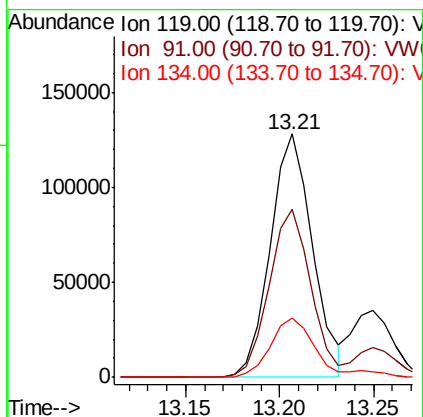
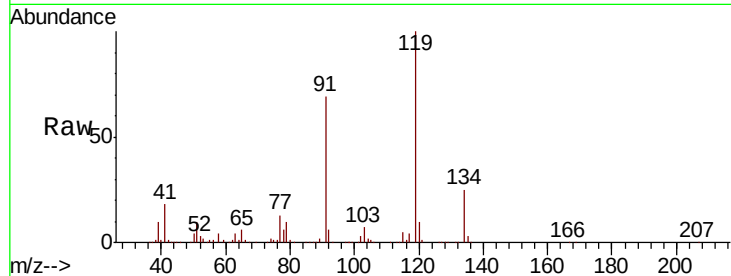




#83
 tert-Butylbenzene
 Concen: 22.910 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

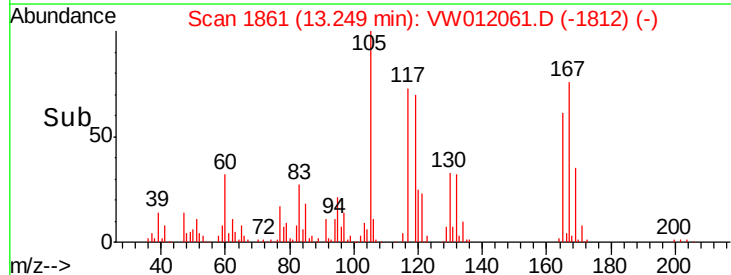
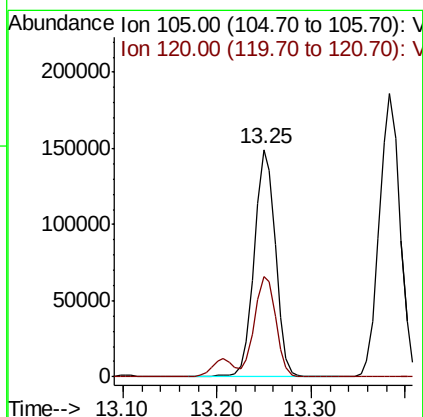
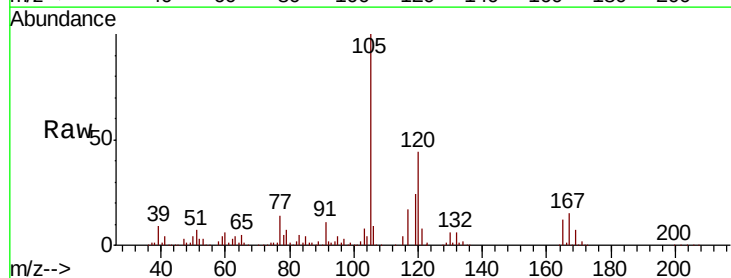
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

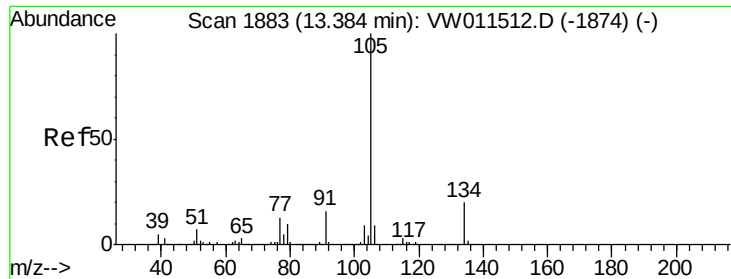
Tgt Ion:119 Resp: 199417
 Ion Ratio Lower Upper
 119 100
 91 67.7 34.5 103.6
 134 26.7 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.353 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion:105 Resp: 234384
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5

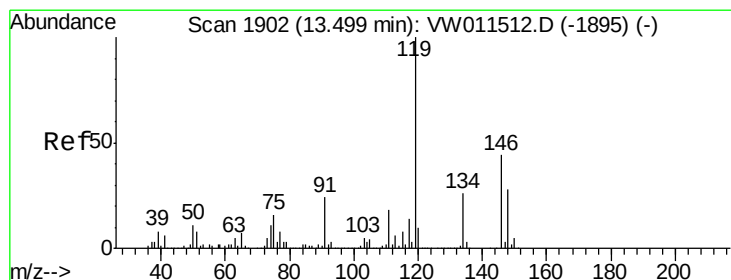
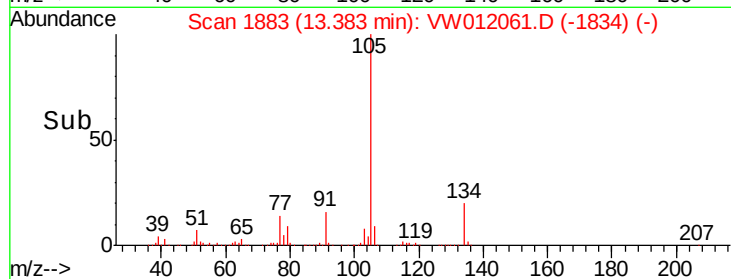
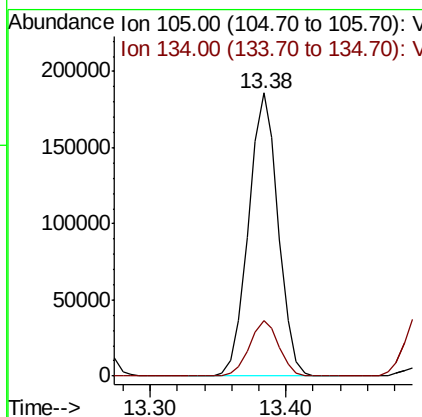
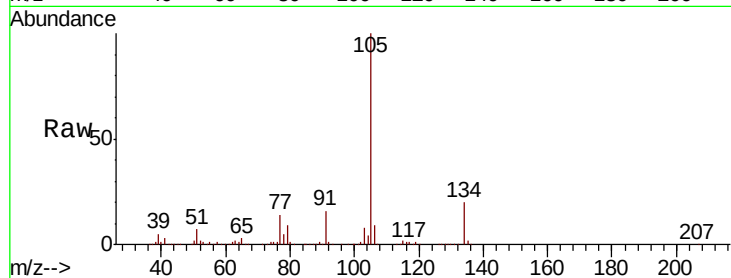




#85
 sec-Butylbenzene
 Concen: 22.848 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

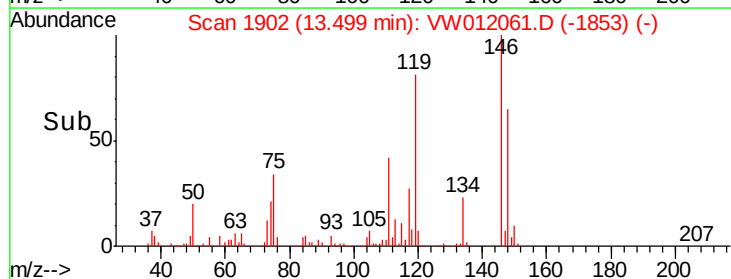
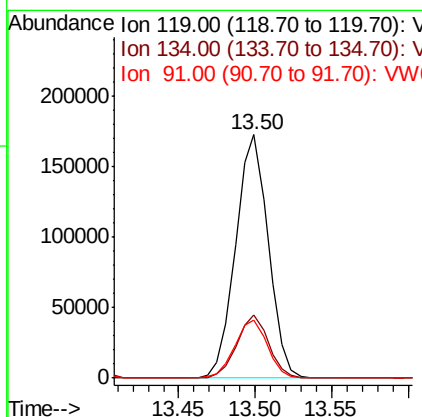
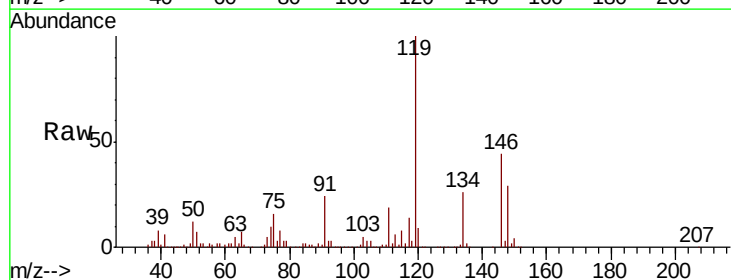
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

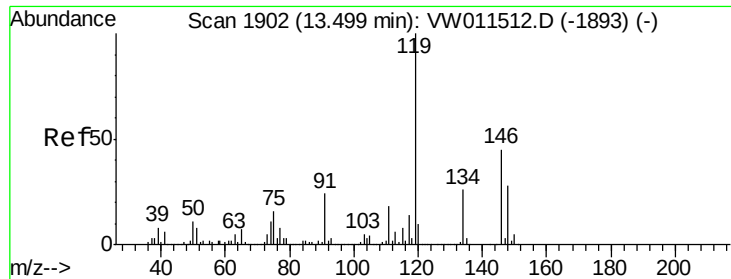
Tgt Ion:105 Resp: 283773
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 22.609 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion:119 Resp: 254783
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.4
 91 23.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.999 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

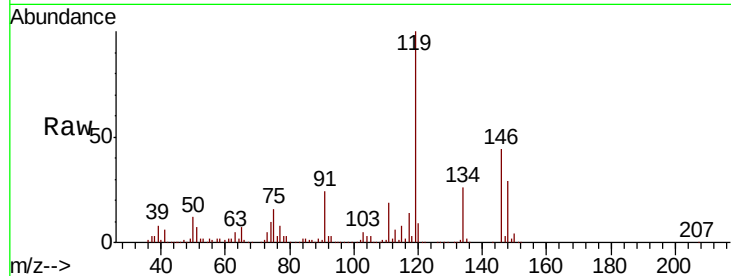
Tgt Ion:146 Resp: 118391

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

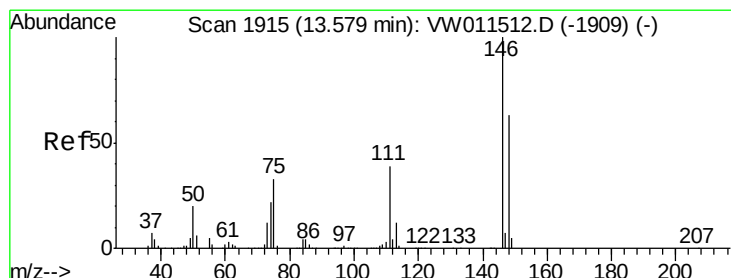
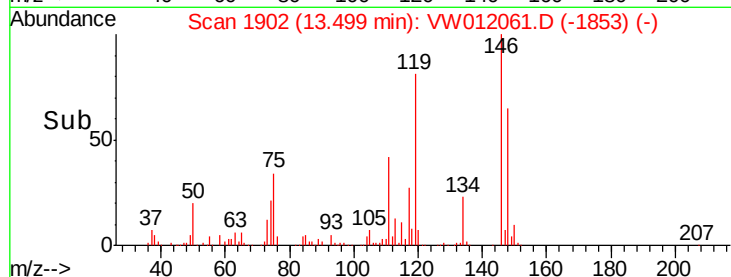
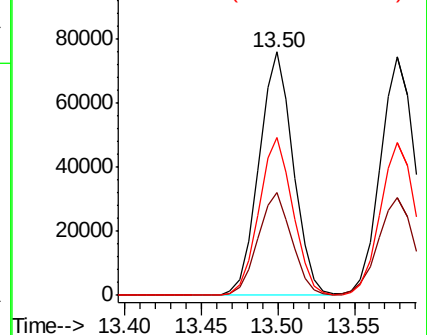
148 64.5 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 21.911 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

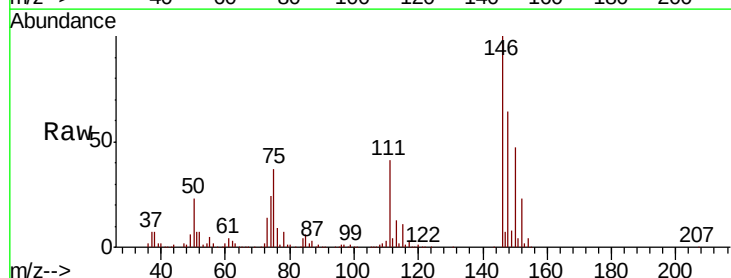
Tgt Ion:146 Resp: 117301

Ion Ratio Lower Upper

146 100

111 42.3 20.1 60.2

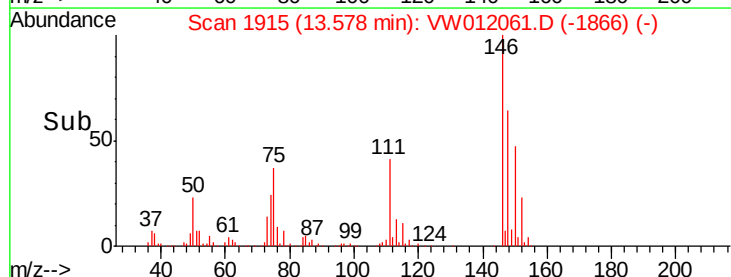
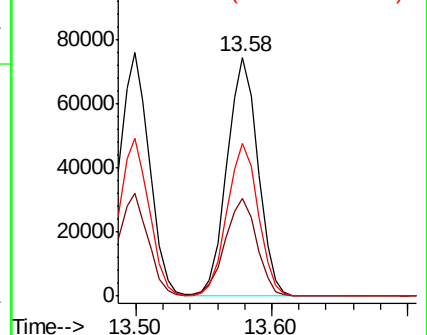
148 64.8 31.9 95.9

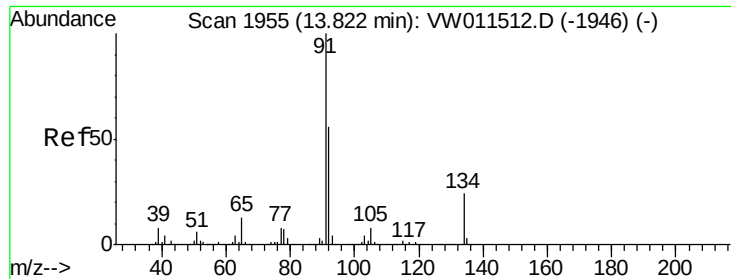


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.203 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

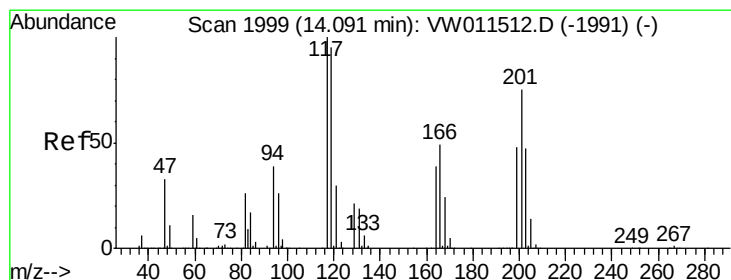
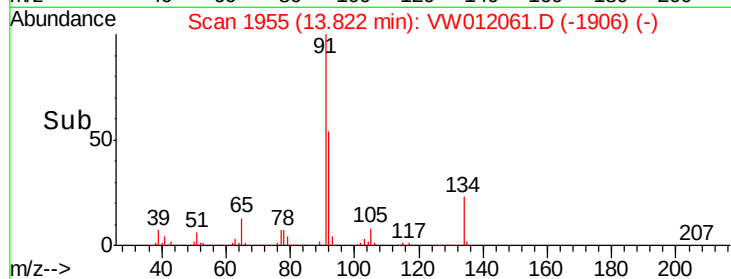
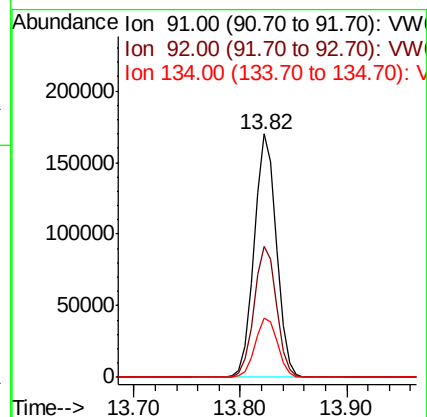
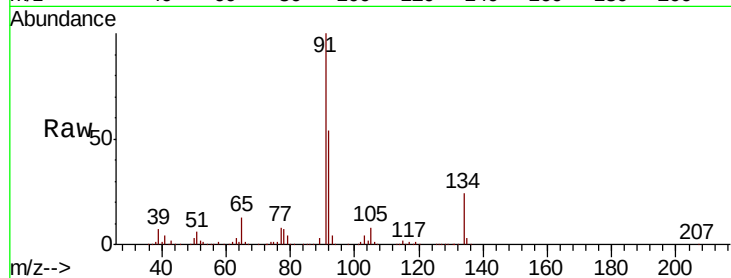
Tgt Ion: 91 Resp: 249686

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.4

134 24.7 12.2 36.6



#90

Hexachloroethane

Concen: 21.585 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012061.D

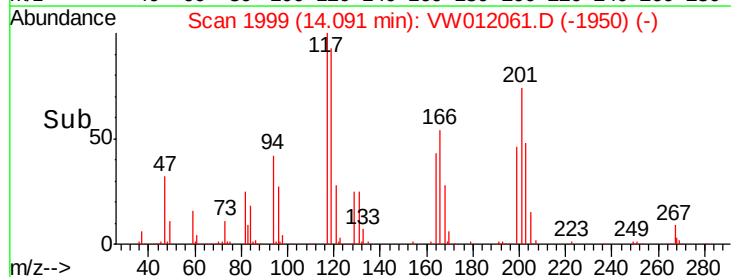
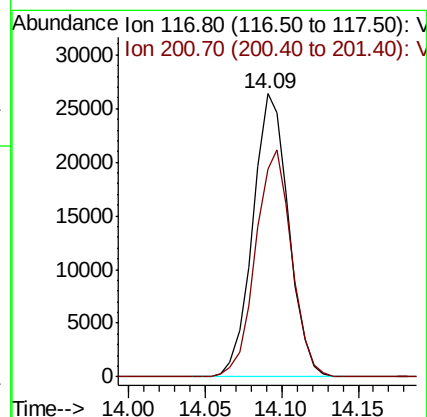
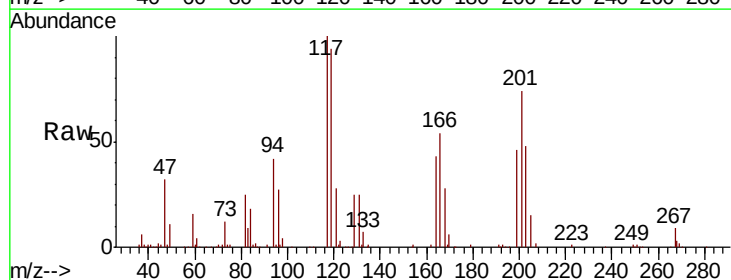
Acq: 21 Aug 2019 10:33

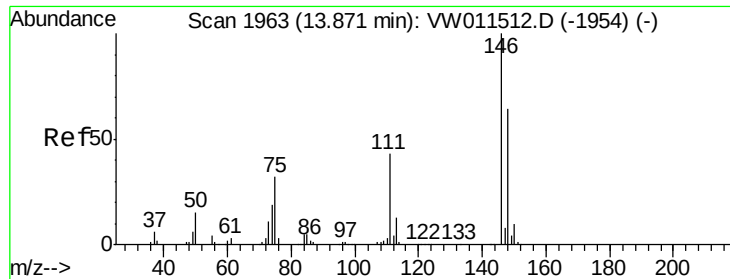
Tgt Ion: 117 Resp: 43013

Ion Ratio Lower Upper

117 100

201 80.6 39.4 118.2

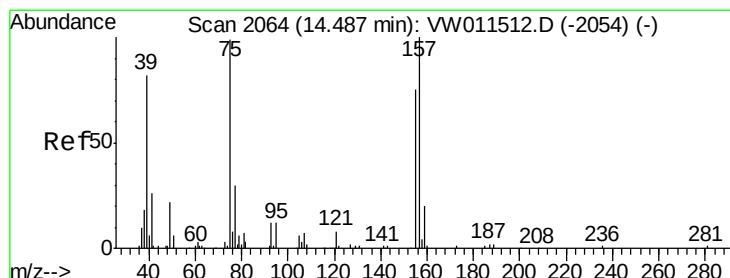
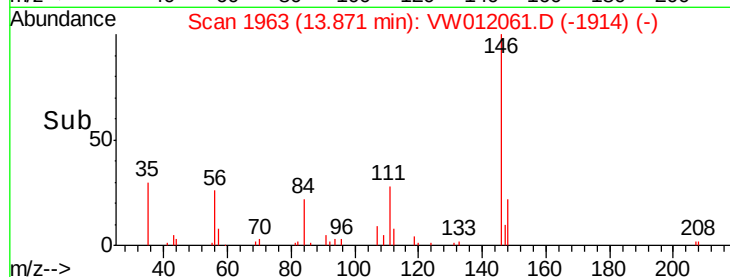
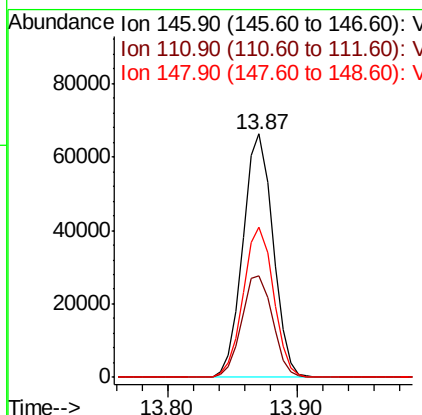
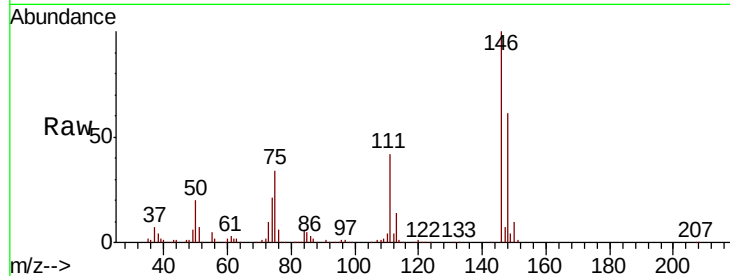




#91
 1,2-Dichlorobenzene
 Concen: 22.466 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

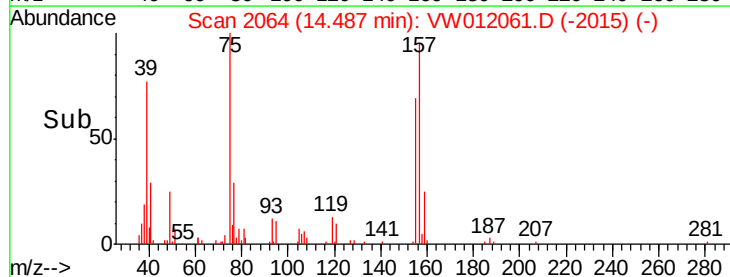
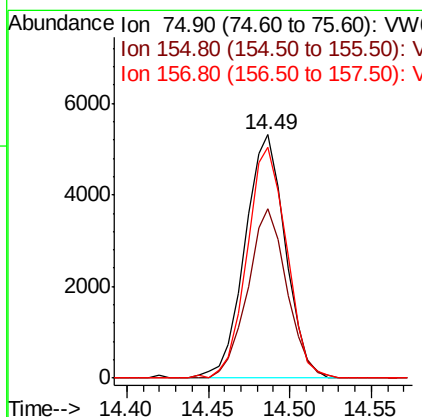
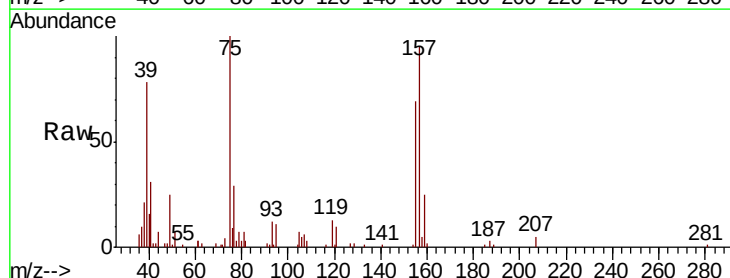
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

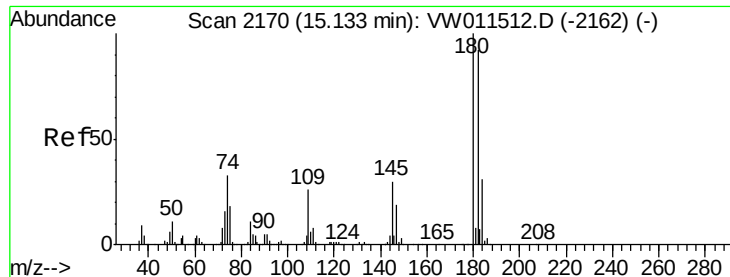
Tgt Ion: 146 Resp: 106933
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 65.0
 148 62.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.048 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion: 75 Resp: 9180
 Ion Ratio Lower Upper
 75 100
 155 67.5 38.2 114.6
 157 92.8 48.9 146.7

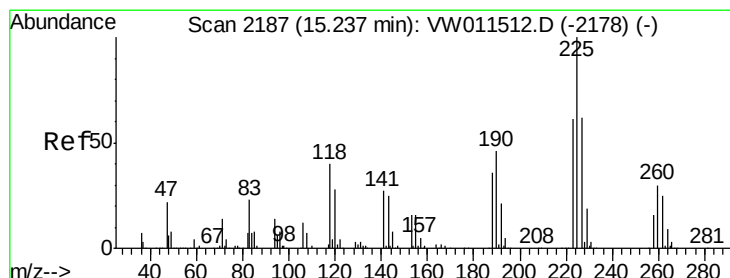
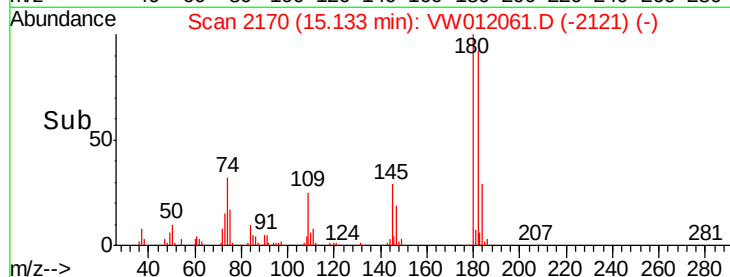
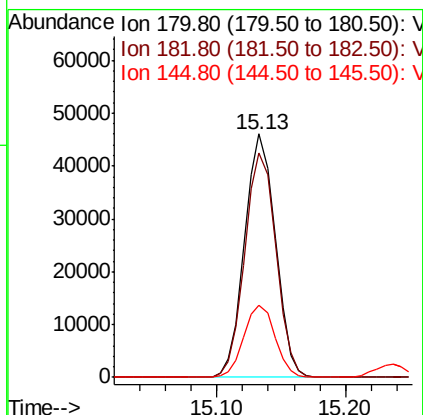
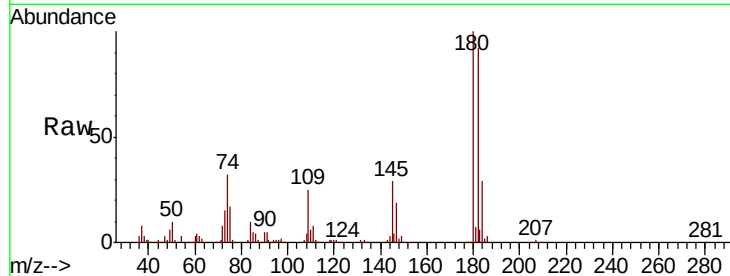




#93
 1,2,4-Trichlorobenzene
 Concen: 22.685 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

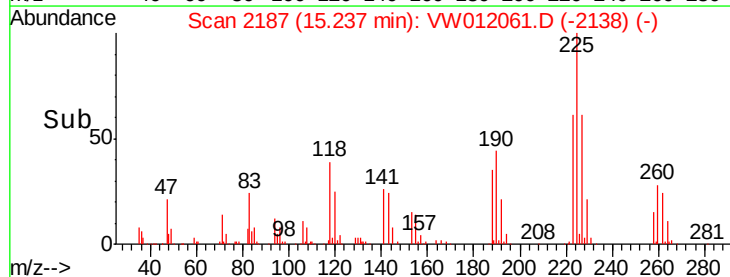
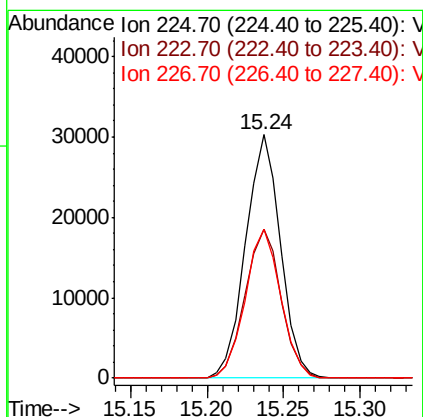
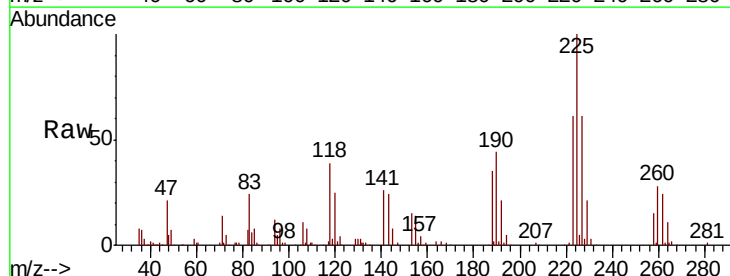
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

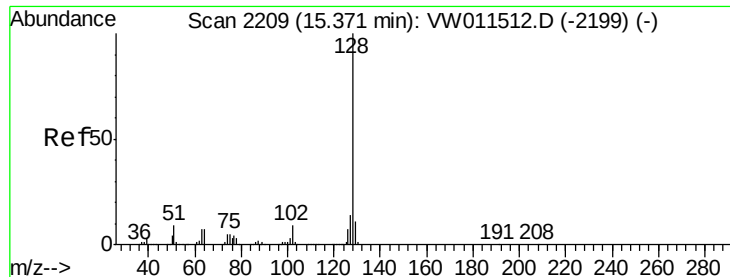
Tgt Ion:180 Resp: 76098
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.4 142.2
 145 30.0 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 22.948 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012061.D
 Acq: 21 Aug 2019 10:33

Tgt Ion:225 Resp: 48007
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.8 92.3
 227 62.4 31.6 94.7

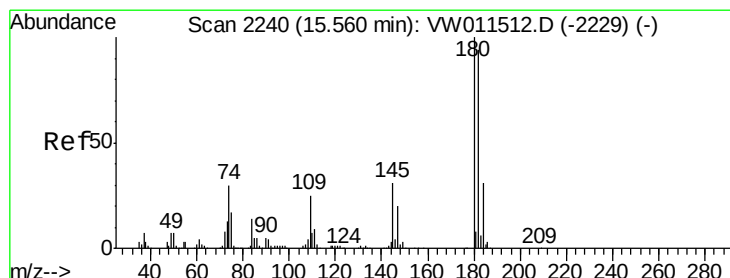
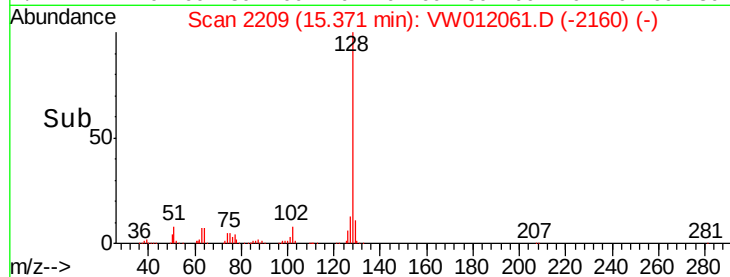
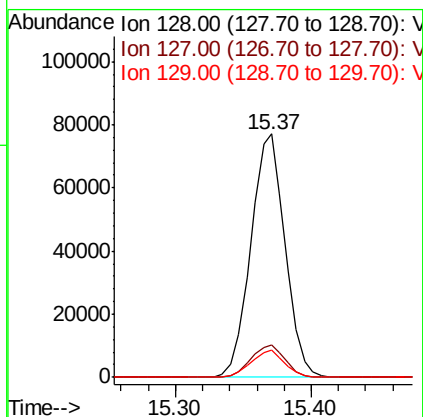
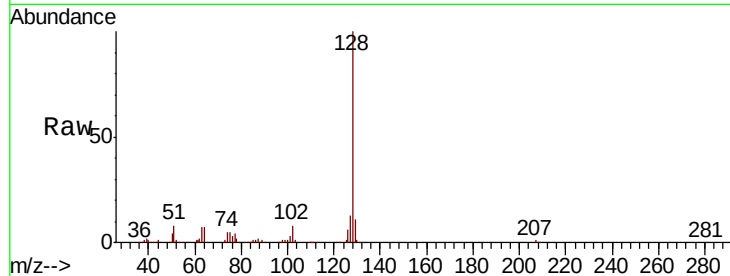




#95
Naphthalene
Concen: 21.899 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tgt Ion:128 Resp: 135946
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.218 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012061.D
Acq: 21 Aug 2019 10:33

Tgt Ion:180 Resp: 65333
Ion Ratio Lower Upper
180 100
182 93.6 47.4 142.2
145 33.0 15.9 47.7

