

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009608.D
 Acq On : 31 Mar 2019 14:04
 Operator : SY/VA
 Sample : VW0331SBS01
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 04:53:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	421448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	233007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	166241	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.88	113	140030	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.32	98	510360	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.62	95	192540	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	41086	21.398	ug/l	98
3) Chloromethane	2.21	50	45572	18.401	ug/l	96
4) Vinyl Chloride	2.36	62	67036	20.267	ug/l	98
5) Bromomethane	2.77	94	49217	19.286	ug/l	93
6) Chloroethane	2.93	64	46847	19.124	ug/l	94
7) Trichlorofluoromethane	3.25	101	40987	18.136	ug/l	93
8) Diethyl Ether	3.67	74	30562	20.139	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.05	101	61510	20.285	ug/l	93
10) Methyl Iodide	4.26	142	78030	18.859	ug/l	92
11) Tert butyl alcohol	5.18	59	20158	103.414	ug/l	95
12) 1,1-Dichloroethene	4.04	96	58064	20.462	ug/l	93
13) Acrolein	3.89	56	12903	90.250	ug/l	99
14) Allyl chloride	4.65	41	77266	17.024	ug/l	98
15) Acrylonitrile	5.36	53	66858	96.385	ug/l	99
16) Acetone	4.12	43	77366	102.353	ug/l	99
17) Carbon Disulfide	4.37	76	157133	19.461	ug/l	98
18) Methyl Acetate	4.67	43	34938	19.121	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	73812	18.702	ug/l	100
20) Methylene Chloride	4.92	84	65000	19.558	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	59967	19.904	ug/l	93
22) Diisopropyl ether	6.31	45	192040	19.592	ug/l	98
23) Vinyl Acetate	6.25	43	633096	103.534	ug/l	99
24) 1,1-Dichloroethane	6.21	63	119069	20.182	ug/l	97
25) 2-Butanone	7.17	43	110977	106.245	ug/l	94
26) 2,2-Dichloropropane	7.16	77	64165	19.023	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	65647	19.951	ug/l	96
28) Bromochloromethane	7.50	49	45996	17.992	ug/l #	14
29) Tetrahydrofuran	7.53	42	68830	106.122	ug/l	97
30) Chloroform	7.67	83	125240	20.496	ug/l	98
31) Cyclohexane	7.95	56	106367	19.231	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	95060	19.217	ug/l	97
36) 1,1-Dichloropropene	8.07	75	97188	20.637	ug/l	99
37) Ethyl Acetate	7.25	43	45034	20.128	ug/l	99
38) Carbon Tetrachloride	8.06	117	96231	19.942	ug/l	98

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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	103729	19.282	ug/l	96
40) Benzene	8.32	78	257327	20.173	ug/l	100
41) Methacrylonitrile	7.48	41	24104	19.167	ug/l	97
42) 1,2-Dichloroethane	8.40	62	91073	20.942	ug/l	99
43) Isopropyl Acetate	8.42	43	90503	20.640	ug/l	99
44) Trichloroethene	9.09	130	67520	20.446	ug/l	100
45) 1,2-Dichloropropane	9.37	63	64738	19.827	ug/l	97
46) Dibromomethane	9.45	93	36889	20.856	ug/l	96
47) Bromodichloromethane	9.64	83	91665	20.317	ug/l	98
48) Methyl methacrylate	9.43	41	41967	20.417	ug/l	100
49) 1,4-Dioxane	9.45	88	12224	464.080	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	249877	106.510	ug/l	99
52) Toluene	10.38	92	161280	20.189	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	87371	19.777	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	97794	19.965	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	50941	21.307	ug/l	98
56) Ethyl methacrylate	10.65	69	59480	20.396	ug/l	97
57) 1,3-Dichloropropane	10.93	76	86869	20.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	150809	105.104	ug/l	95
59) 2-Hexanone	10.97	43	172757	106.402	ug/l	100
60) Dibromochloromethane	11.13	129	58017	20.097	ug/l	97
61) 1,2-Dibromoethane	11.23	107	48299	21.067	ug/l	98
64) Tetrachloroethene	10.86	164	57167	19.978	ug/l	97
65) Chlorobenzene	11.66	112	177837	20.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	65992	20.405	ug/l	98
67) Ethyl Benzene	11.73	91	311901	19.945	ug/l	100
68) m/p-Xylenes	11.84	106	241708	40.705	ug/l	99
69) o-Xylene	12.16	106	110052	19.902	ug/l	99
70) Styrene	12.18	104	187906	20.344	ug/l	99
71) Bromoform	12.35	173	35099	20.167	ug/l #	98
73) Isopropylbenzene	12.46	105	306398	18.896	ug/l	98
74) N-amyl acetate	12.27	43	87076	20.370	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	62714	20.451	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85192	38.880	ug/l #	100
77) Bromobenzene	12.75	156	73506	19.685	ug/l	99
78) n-propylbenzene	12.80	91	392766	19.643	ug/l	99
79) 2-Chlorotoluene	12.89	91	221246	19.470	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	266273	19.499	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	18795	19.947	ug/l	94
82) 4-Chlorotoluene	12.99	91	234877	19.640	ug/l	99
83) tert-Butylbenzene	13.21	119	226418	19.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	279843	19.934	ug/l	100
85) sec-Butylbenzene	13.38	105	341290	19.460	ug/l	98
86) p-Isopropyltoluene	13.50	119	298683	19.580	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	153017	19.846	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151952	19.731	ug/l	99
89) n-Butylbenzene	13.83	91	292298	19.413	ug/l	99
90) Hexachloroethane	14.10	117	56978	19.506	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	136071	19.736	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11358	20.289	ug/l	98

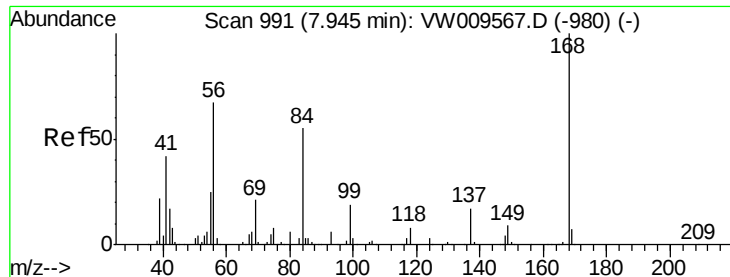
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	89080	20.063	ug/l	99
94) Hexachlorobutadiene	15.24	225	55935	19.616	ug/l	99
95) Naphthalene	15.37	128	155921	19.060	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	82524	20.803	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: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

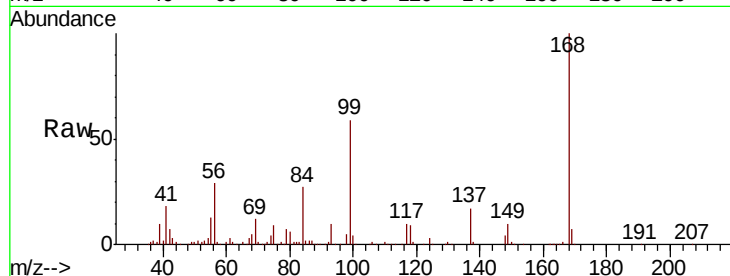
ClientSampleId :

Tot Ion:168 Resp: 293994

Ion Ratio Lower Upper

168 100

99 59.2 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): VW009567.D (-980) (-)

Ion 98.90 (98.60 to 99.60): VW009567.D (-980) (-)

7.95

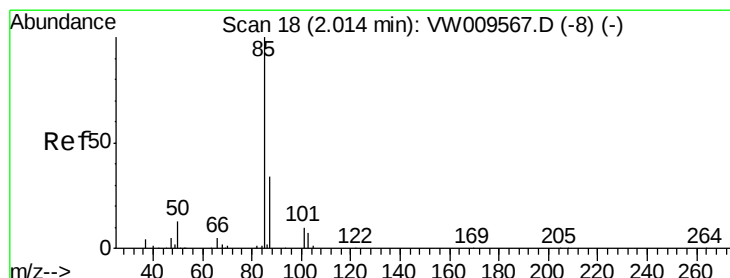
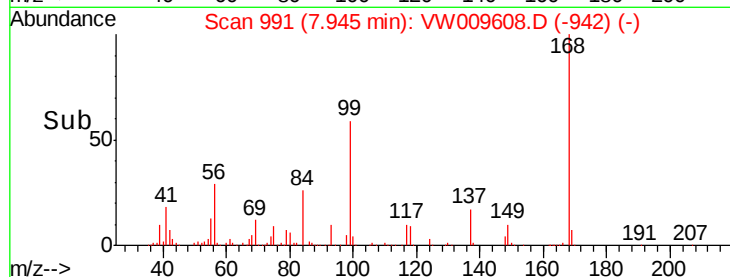
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.398 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW009608.D

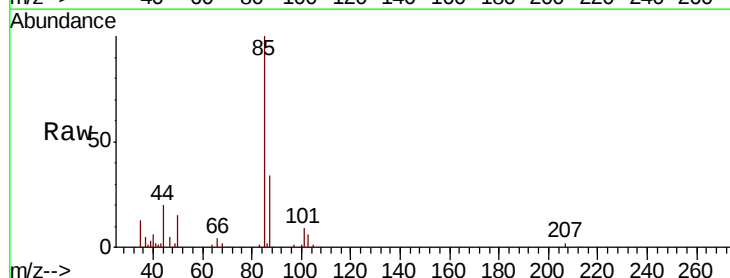
Acq: 31 Mar 2019 14:04

Tgt Ion: 85 Resp: 41086

Ion Ratio Lower Upper

85 100

87 34.4 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW009567.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VW009567.D (-8) (-)

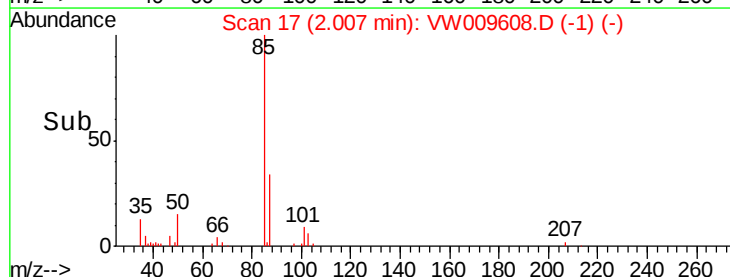
2.01

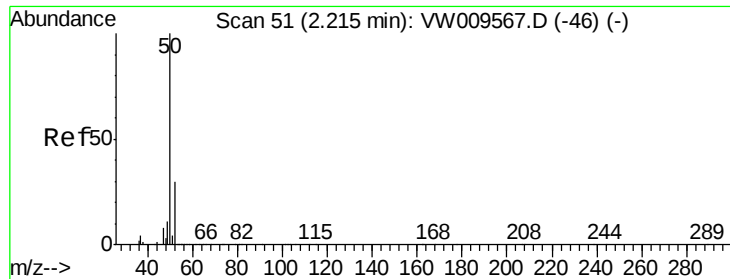
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.401 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

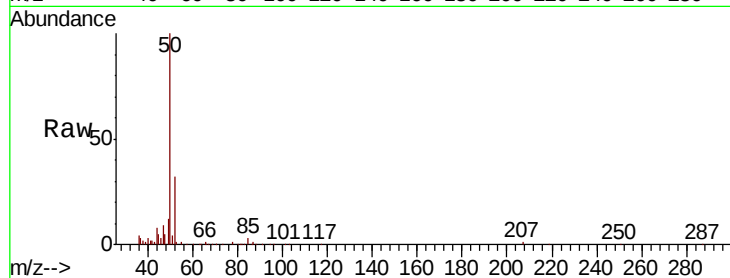
ClientSampleId :

Tot Ion: 50 Resp: 45572

Ion Ratio Lower Upper

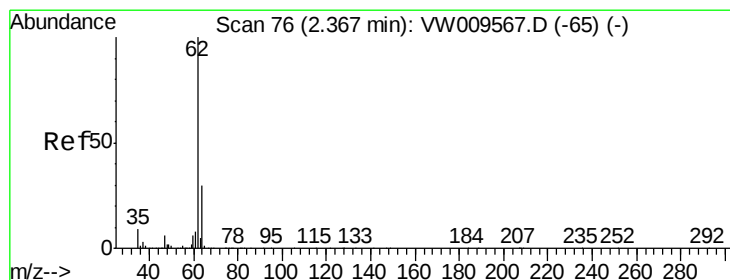
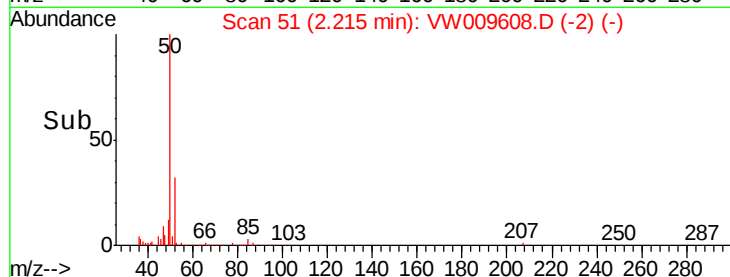
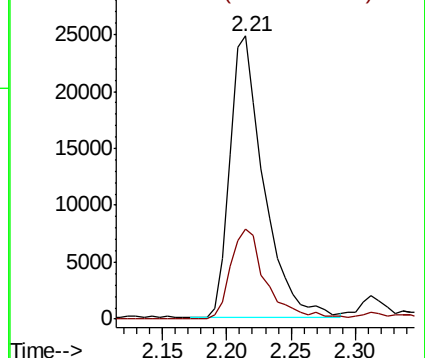
50 100

52 31.8 27.2 40.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.267 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW009608.D

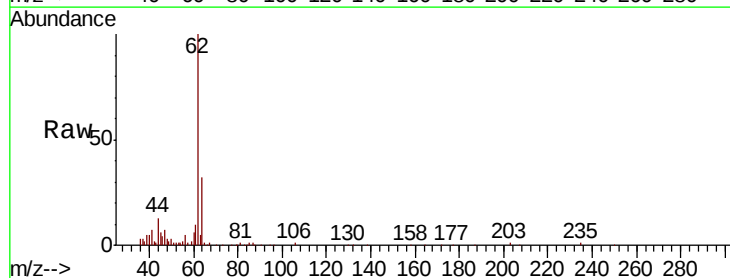
Acq: 31 Mar 2019 14:04

Tgt Ion: 62 Resp: 67036

Ion Ratio Lower Upper

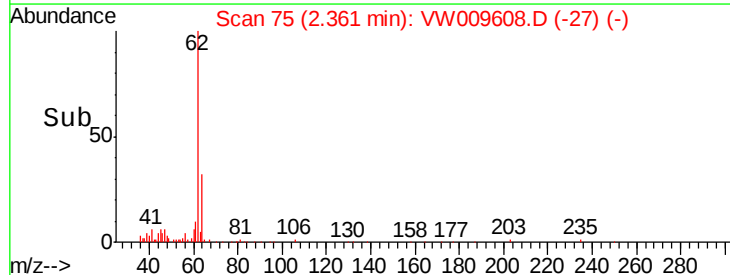
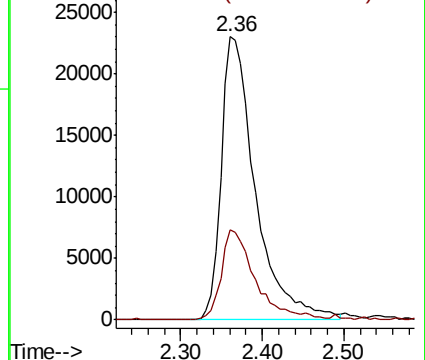
62 100

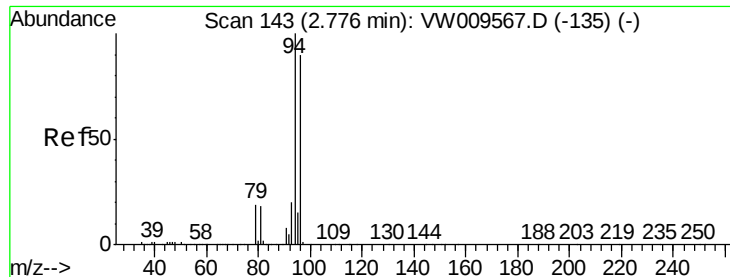
64 31.5 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.286 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

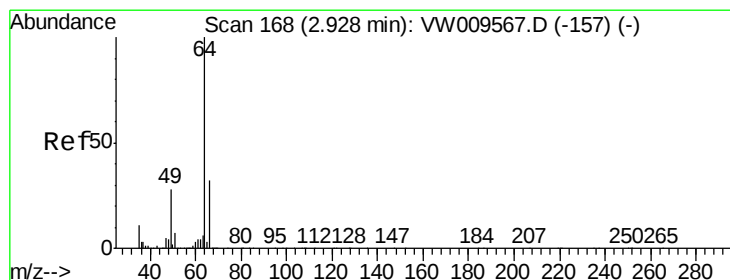
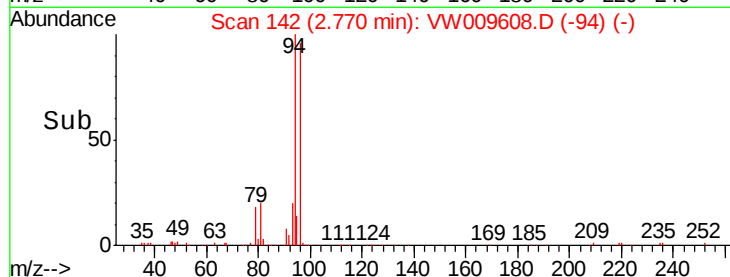
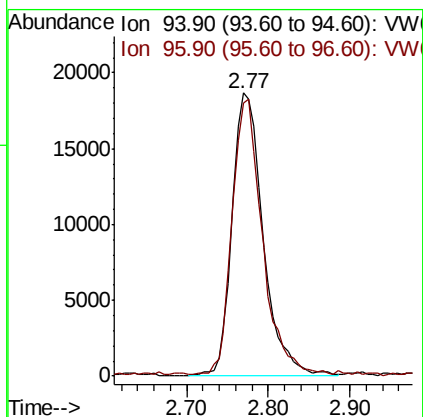
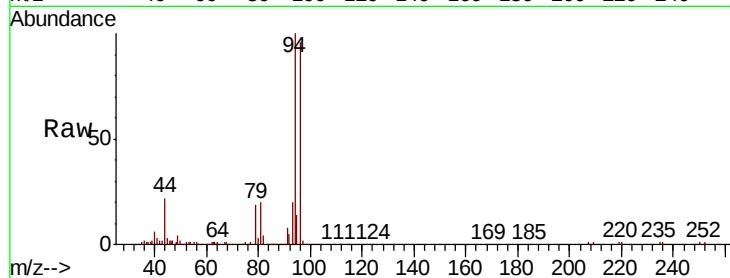
ClientSampleId :

Tot Ion: 94 Resp: 49217

Ion Ratio Lower Upper

94 100

96 95.6 71.4 107.2



#6

Chloroethane

Concen: 19.124 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW009608.D

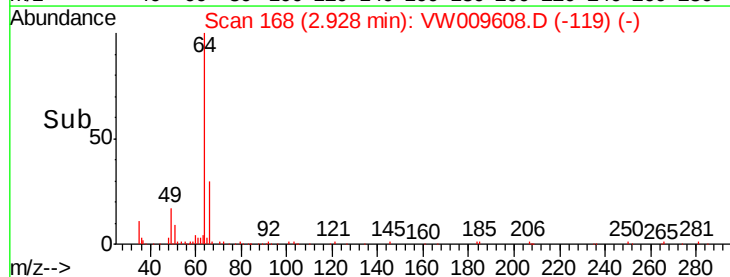
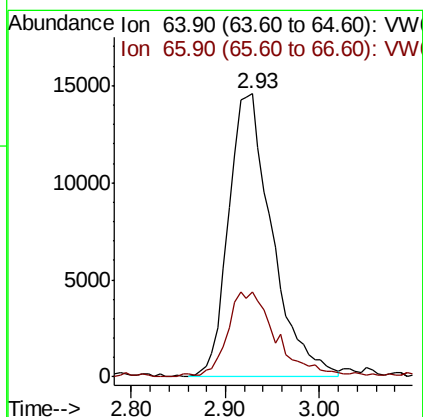
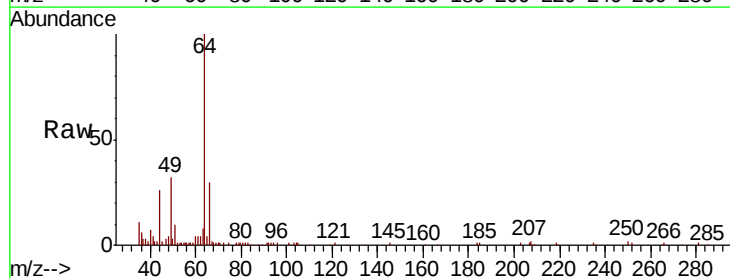
Acq: 31 Mar 2019 14:04

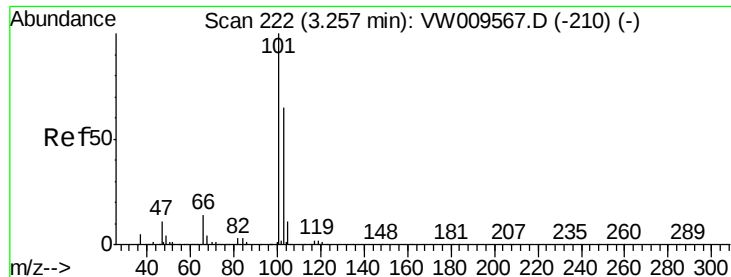
Tgt Ion: 64 Resp: 46847

Ion Ratio Lower Upper

64 100

66 29.2 26.2 39.2



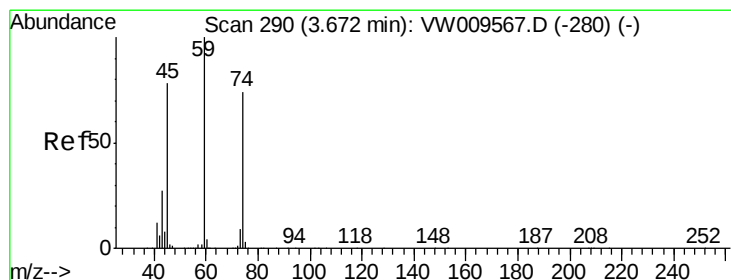
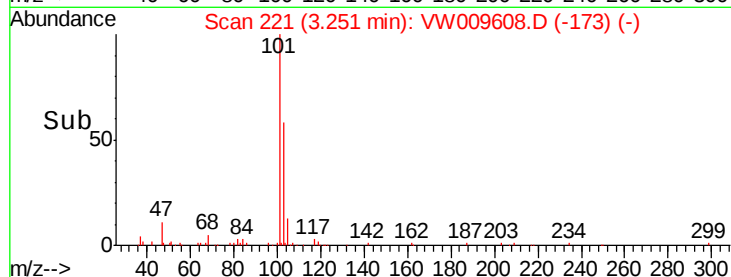
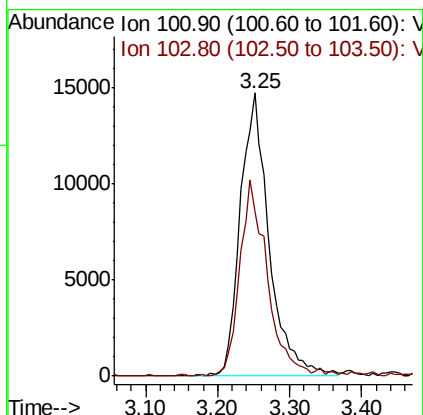
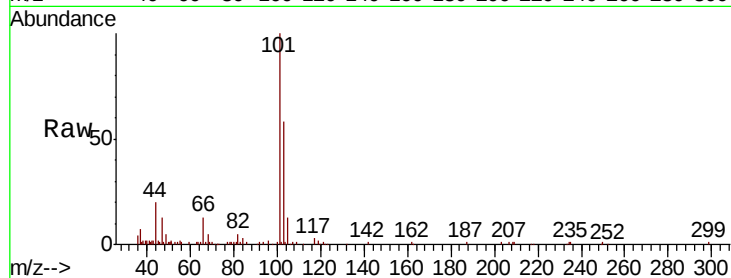


#7

Trichlorofluoromethane
Concen: 18.136 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Instrument :
MSVOA_W
ClientSampled :

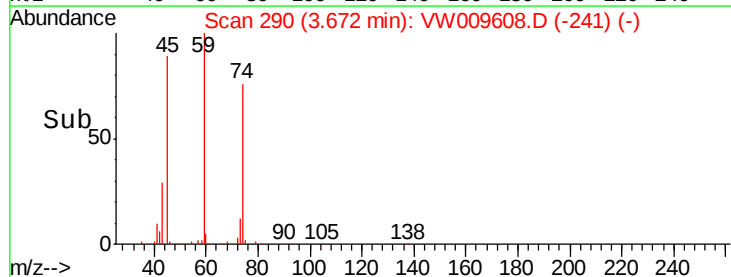
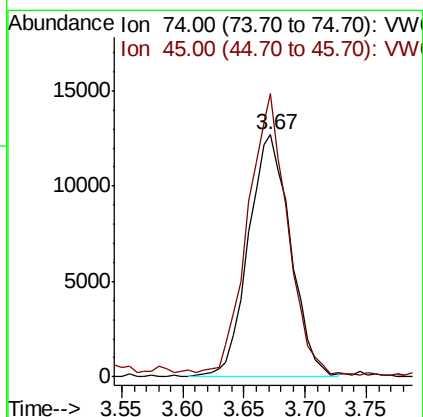
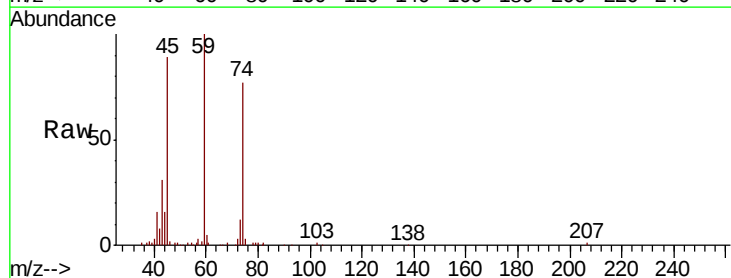
Tot Ion:101 Resp: 40987
Ion Ratio Lower Upper
101 100
103 57.9 50.5 75.7

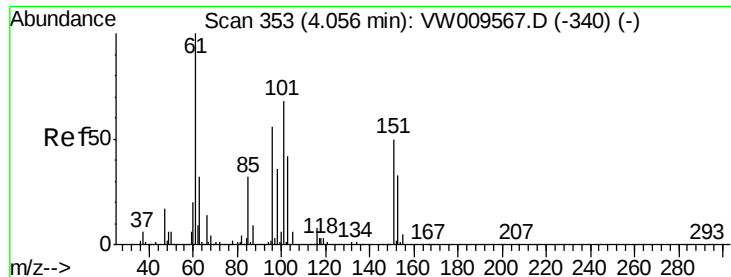


#8

Diethyl Ether
Concen: 20.139 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 74 Resp: 30562
Ion Ratio Lower Upper
74 100
45 109.1 50.6 151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.285 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

ClientSampled :

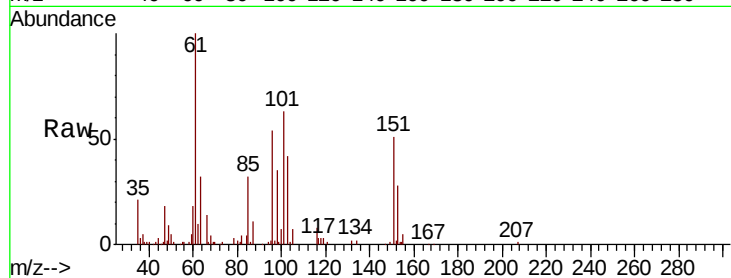
Tot Ion:101 Resp: 61510

Ion Ratio Lower Upper

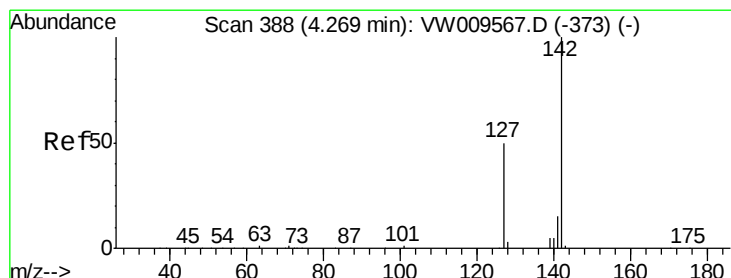
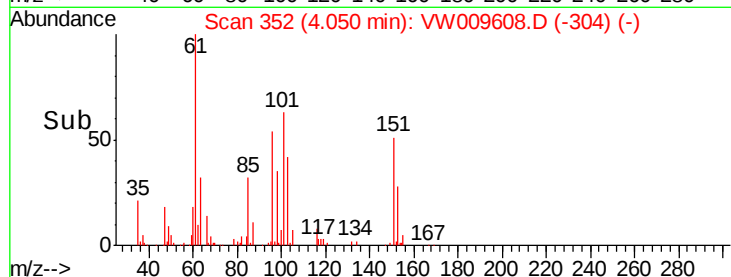
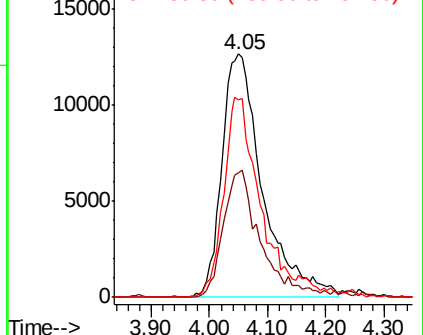
101 100

85 46.9 35.1 52.7

151 71.1 62.9 94.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.859 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

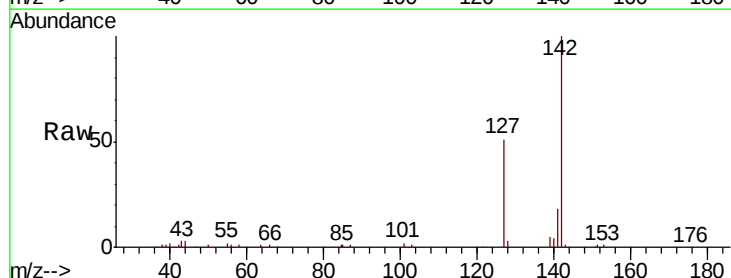
Tgt Ion:142 Resp: 78030

Ion Ratio Lower Upper

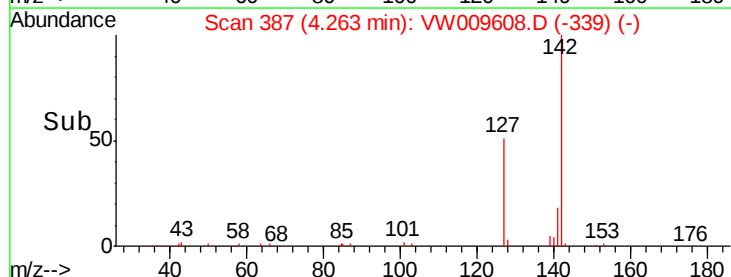
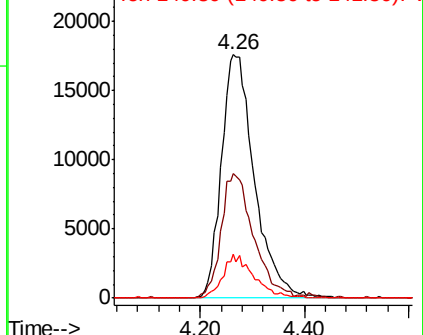
142 100

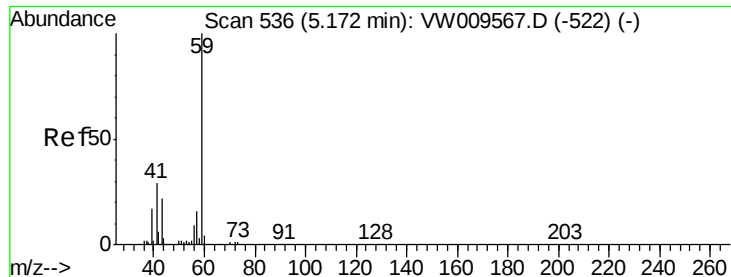
127 50.2 35.9 53.9

141 16.8 11.4 17.2



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

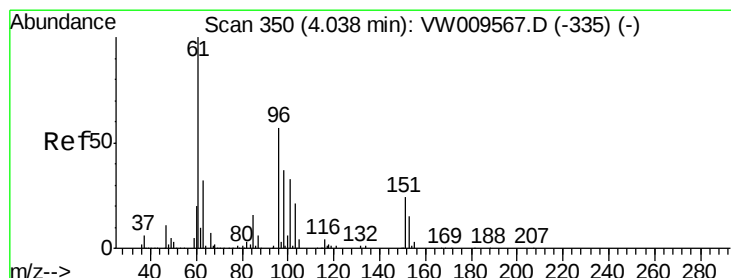
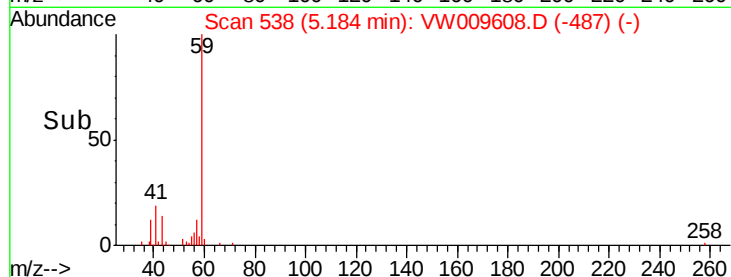
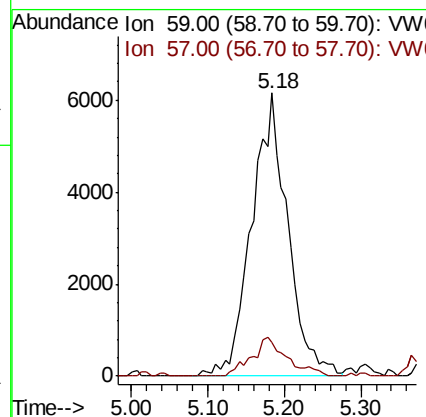
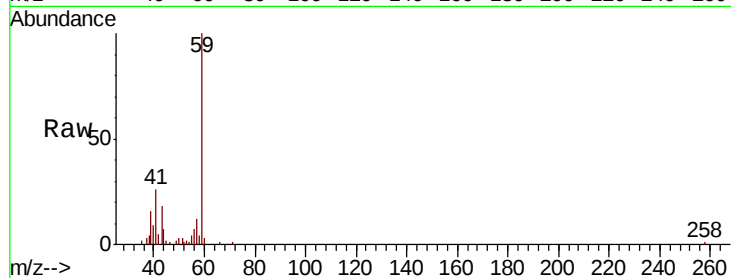




#11
Tert butyl alcohol
Concen: 103.414 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

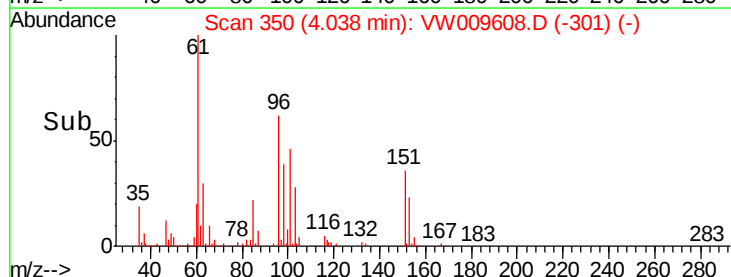
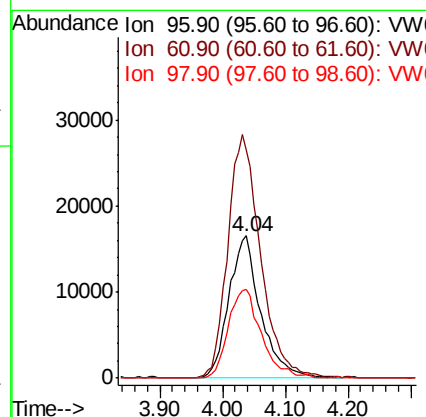
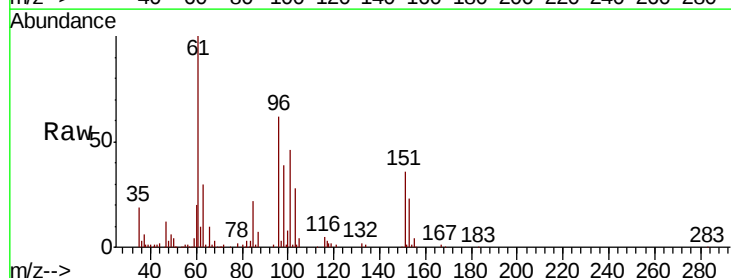
Instrument :
MSVOA_W
ClientSampleId :

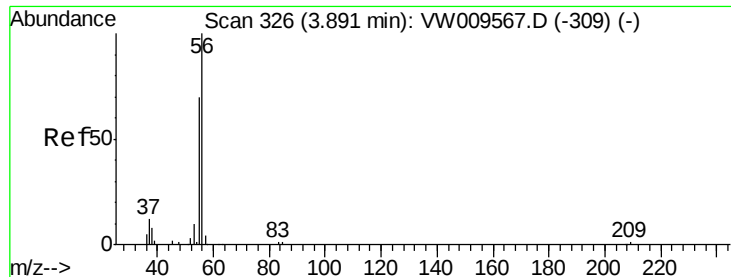
Tot Ion: 59 Resp: 20158
Ion Ratio Lower Upper
59 100
57 13.4 9.4 14.0



#12
1,1-Dichloroethene
Concen: 20.462 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 96 Resp: 58064
Ion Ratio Lower Upper
96 100
61 160.4 138.0 207.0
98 61.9 49.8 74.8





#13

Acrolein

Concen: 90.250 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

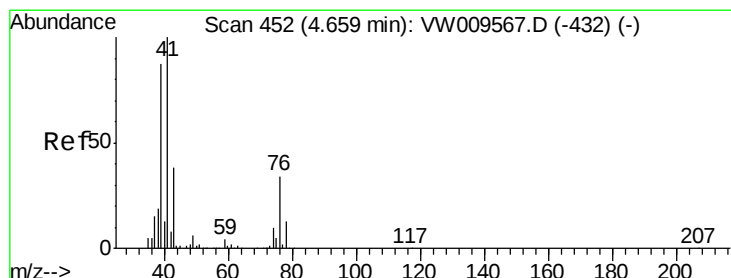
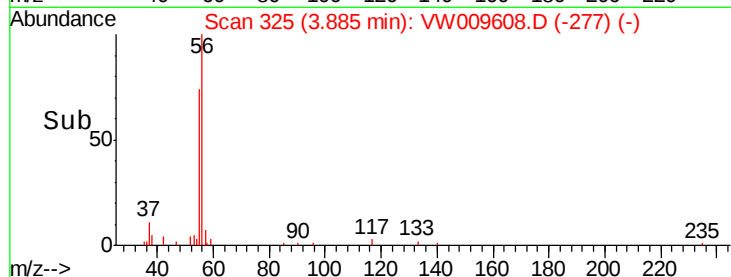
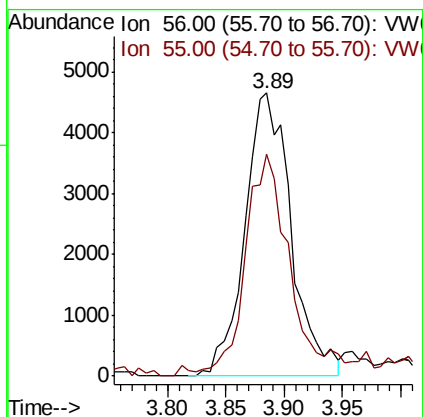
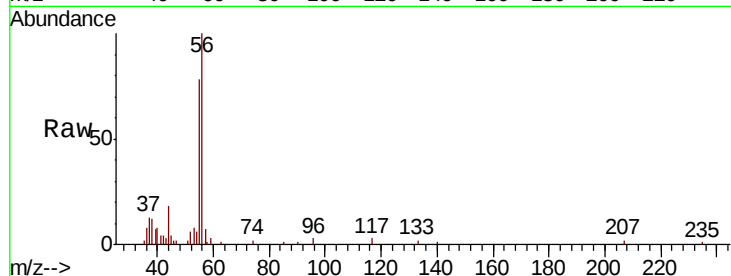
ClientSampled :

Tot Ion: 56 Resp: 12903

Ion Ratio Lower Upper

56 100

55 68.0 55.2 82.8



#14

Allyl chloride

Concen: 17.024 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

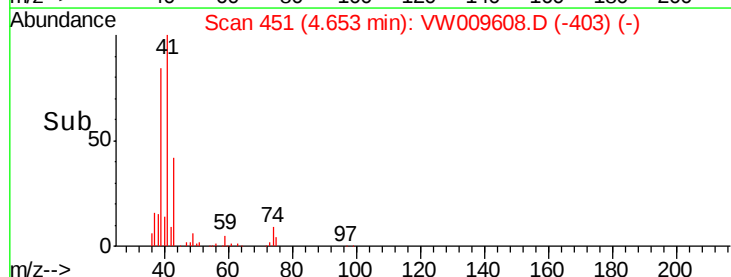
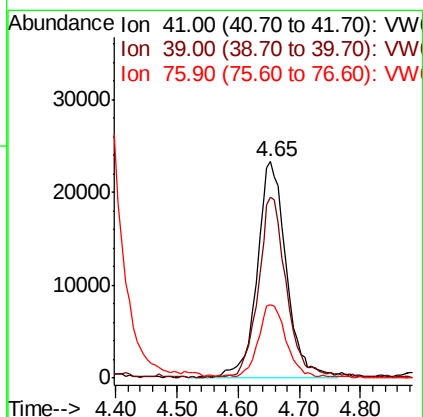
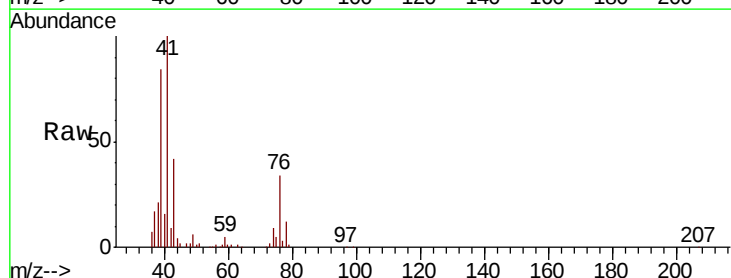
Tgt Ion: 41 Resp: 77266

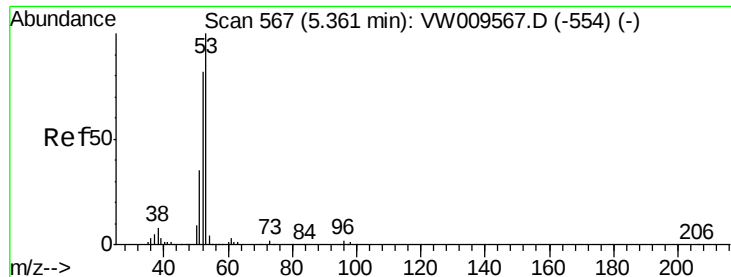
Ion Ratio Lower Upper

41 100

39 80.0 63.8 95.6

76 30.6 27.8 41.6





#15

Acrylonitrile

Concen: 96.385 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

ClientSampled :

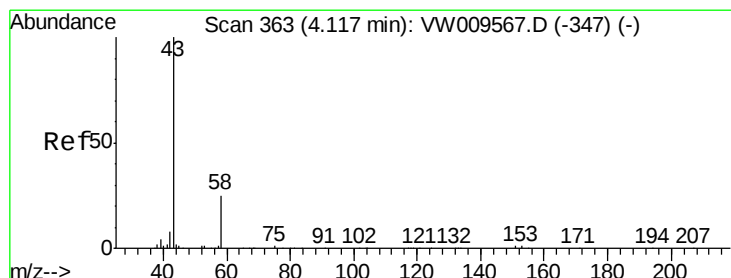
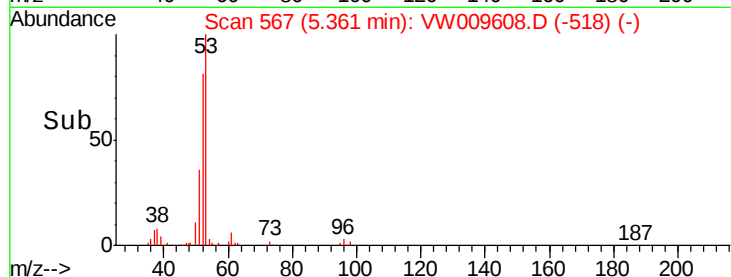
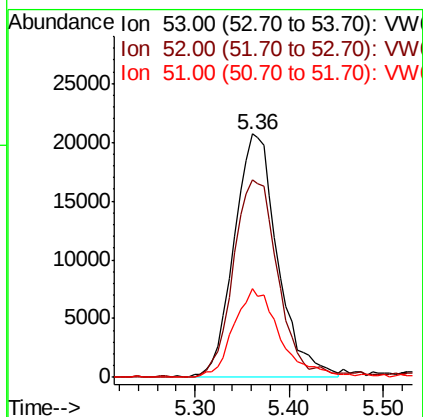
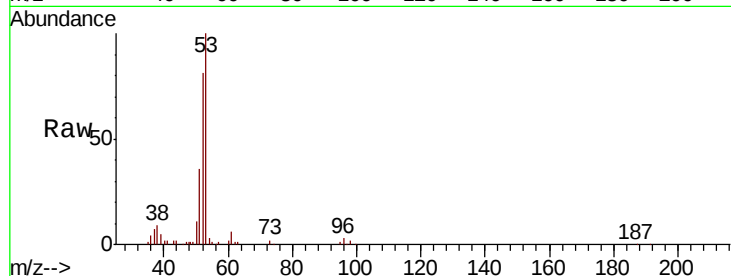
Tot Ion: 53 Resp: 66858

Ion Ratio Lower Upper

53 100

52 83.2 67.6 101.4

51 38.6 30.6 45.8



#16

Acetone

Concen: 102.353 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009608.D

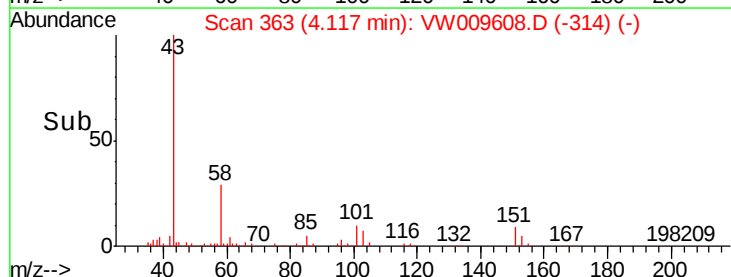
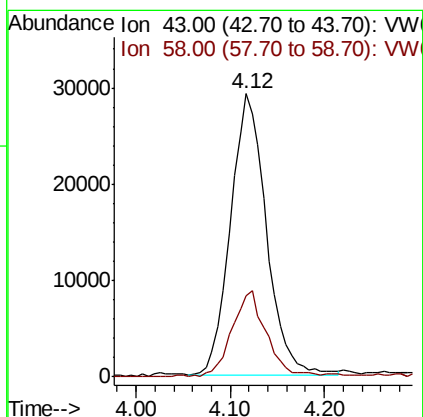
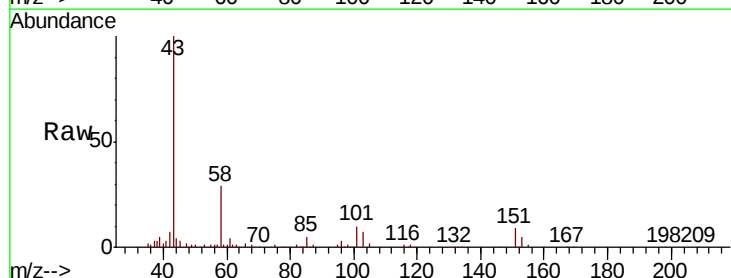
Acq: 31 Mar 2019 14:04

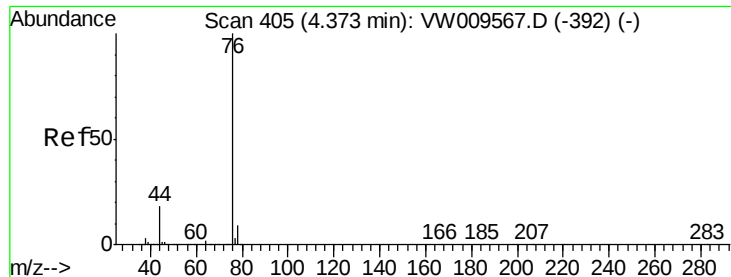
Tgt Ion: 43 Resp: 77366

Ion Ratio Lower Upper

43 100

58 28.8 23.6 35.4





#17

Carbon Disulfide

Concen: 19.461 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

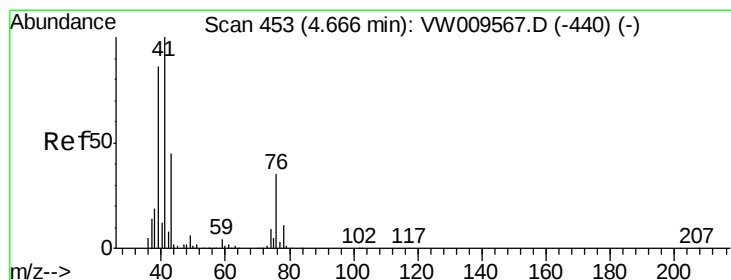
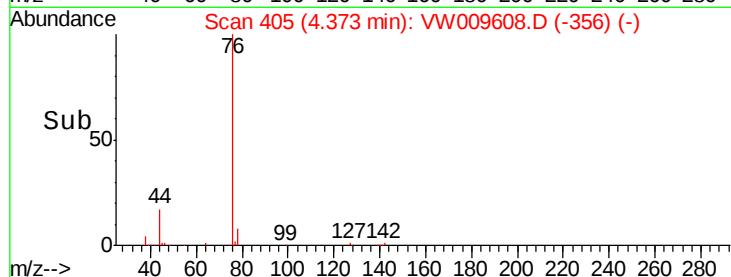
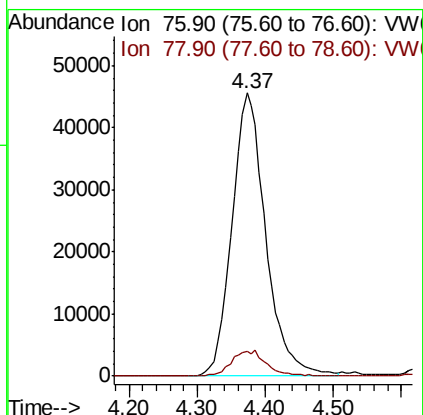
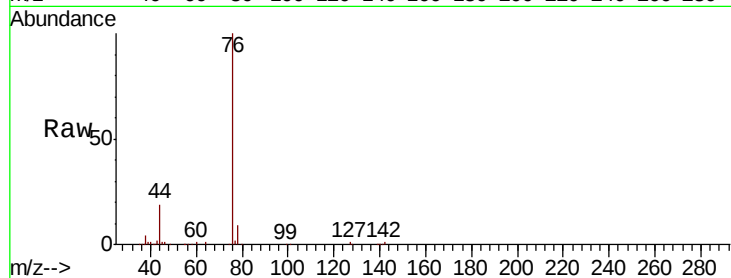
ClientSampled :

Tot Ion: 76 Resp: 157133

Ion Ratio Lower Upper

76 100

78 8.8 6.6 9.8



#18

Methyl Acetate

Concen: 19.121 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW009608.D

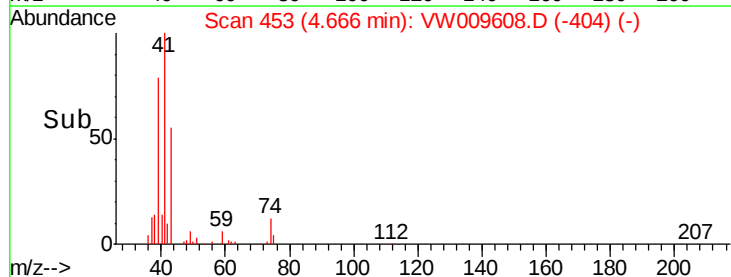
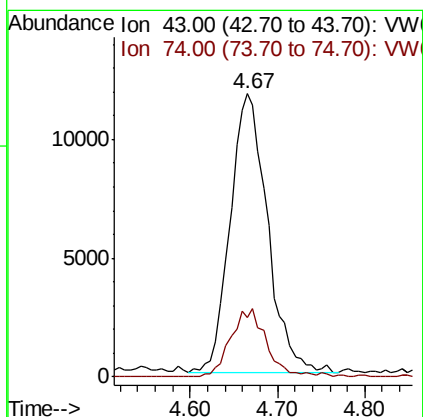
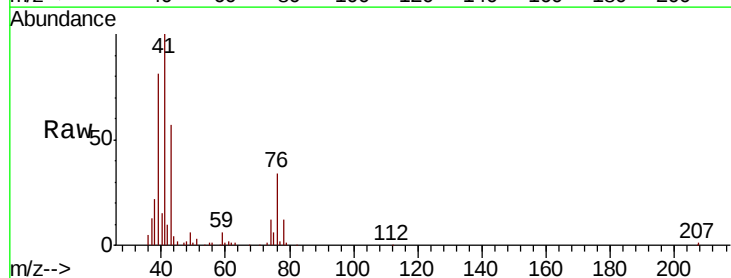
Acq: 31 Mar 2019 14:04

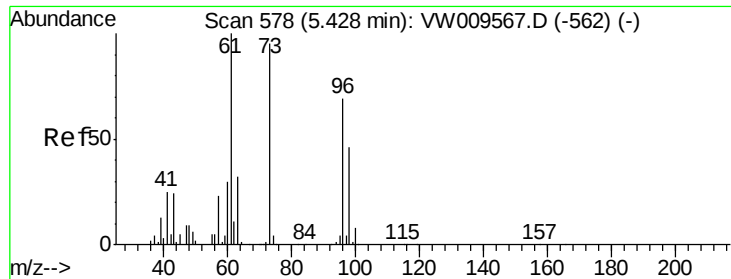
Tgt Ion: 43 Resp: 34938

Ion Ratio Lower Upper

43 100

74 23.6 17.7 26.5

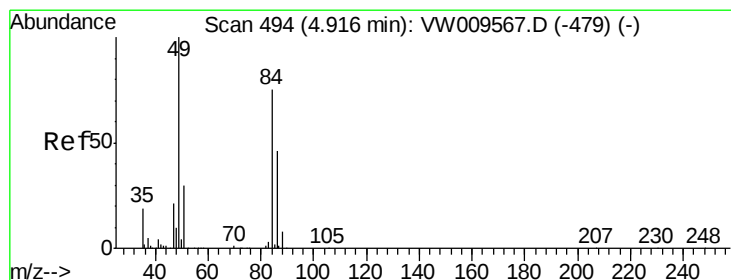
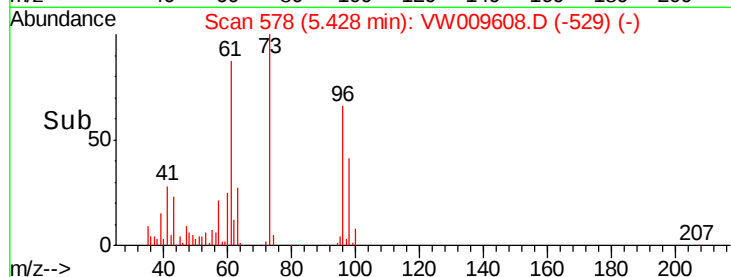
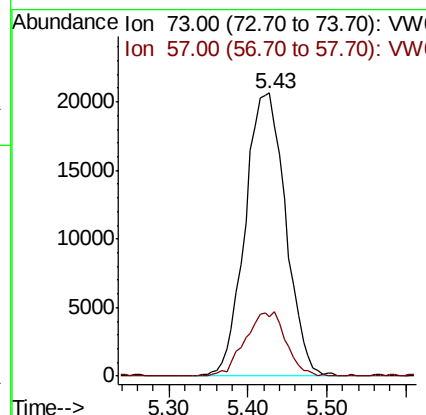
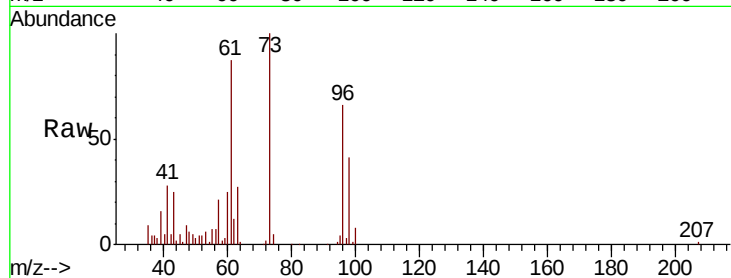




#19
Methvl tert-butvl Ether
Concen: 18.702 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

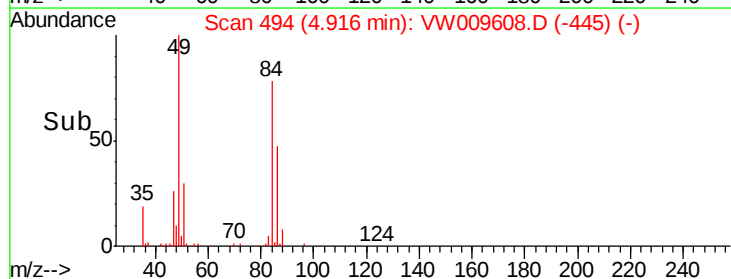
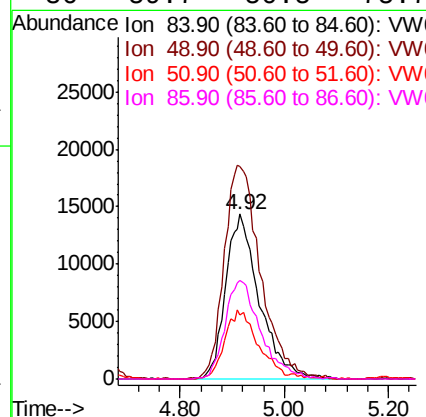
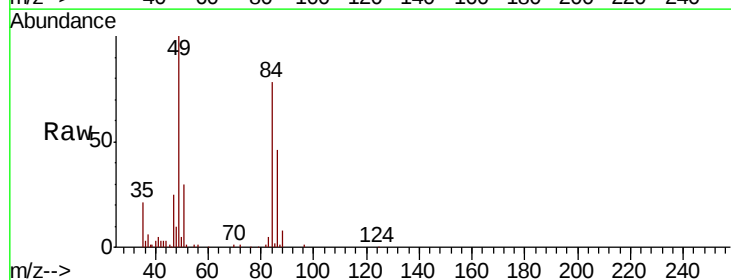
Instrument :
MSVOA_W
ClientSampleId :

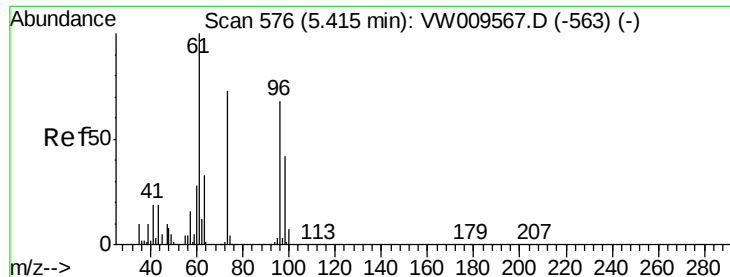
Tot Ion: 73 Resp: 73812
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6



#20
Methylene Chloride
Concen: 19.558 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 84 Resp: 65000
Ion Ratio Lower Upper
84 100
49 128.9 99.1 148.7
51 38.8 28.7 43.1
86 59.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.904 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

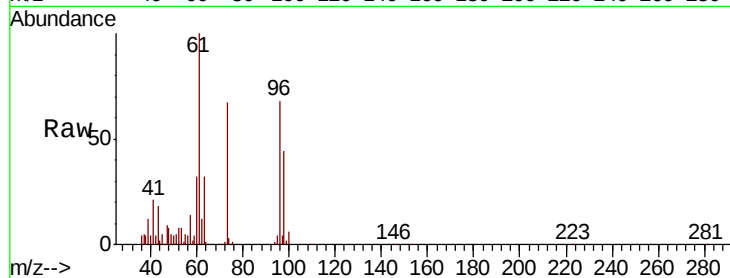
Tot Ion: 96 Resp: 59967

Ion Ratio Lower Upper

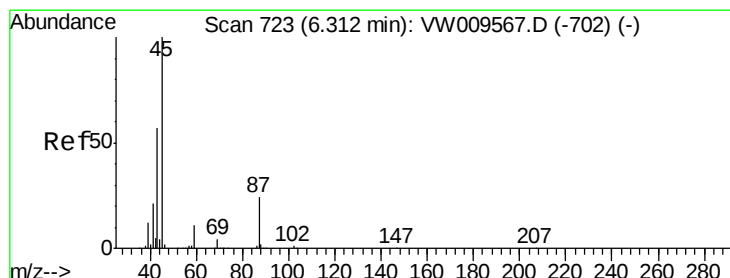
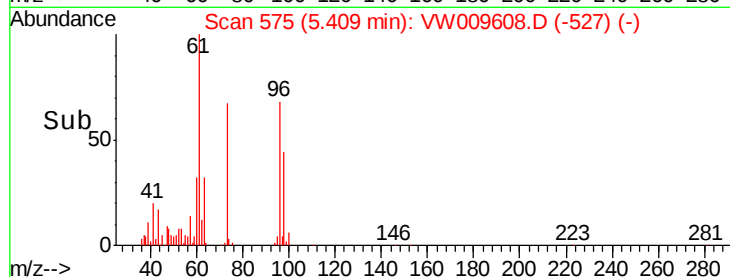
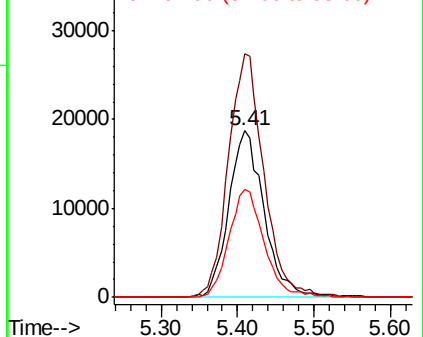
96 100

61 146.5 108.2 162.4

98 65.1 50.9 76.3



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



#22

Diisopropyl ether

Concen: 19.592 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Tgt Ion: 45 Resp: 192040

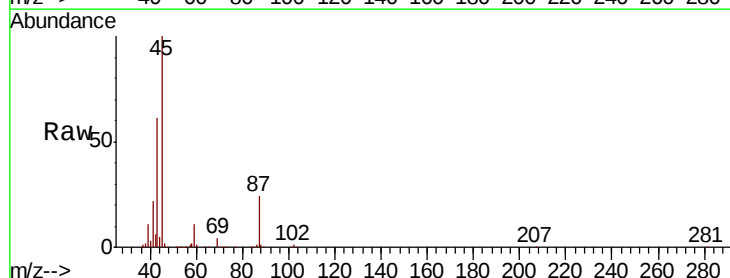
Ion Ratio Lower Upper

45 100

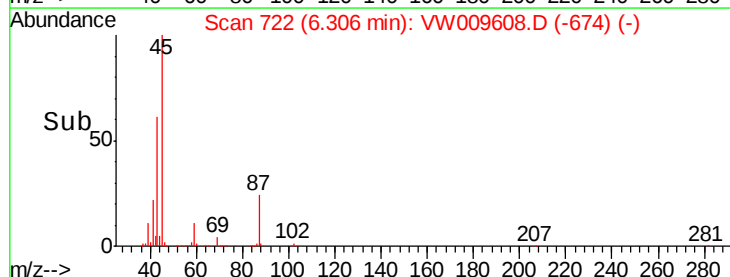
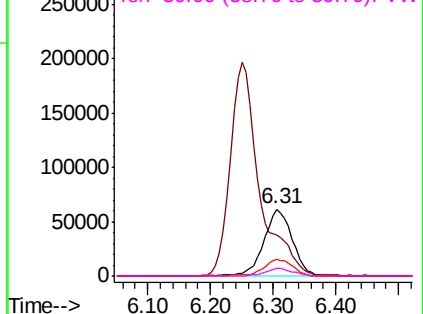
43 60.8 47.9 71.9

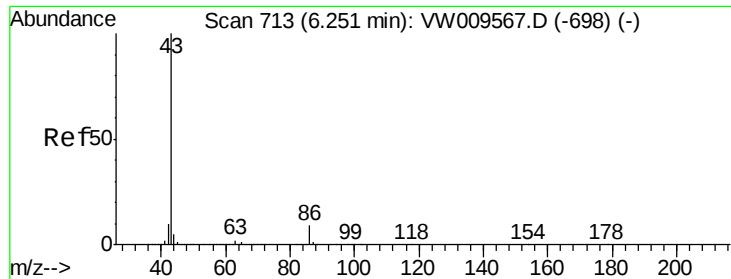
87 24.2 20.6 30.8

59 10.7 9.0 13.4



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





#23

Vinyl Acetate

Concen: 103.534 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

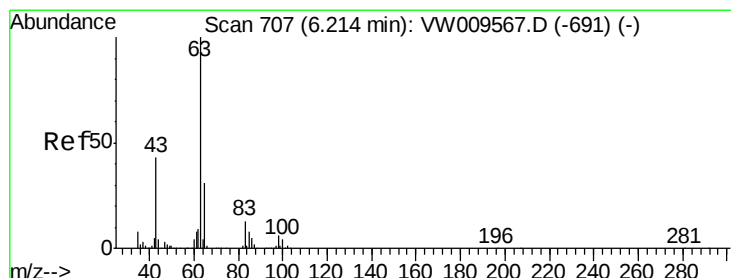
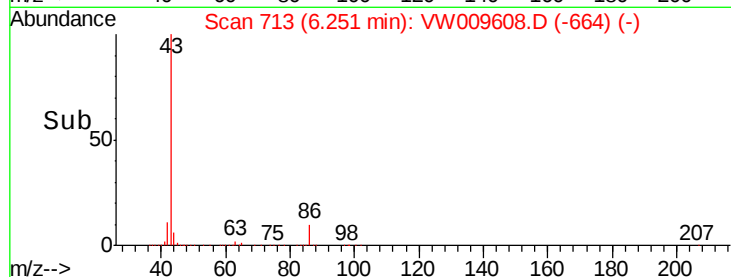
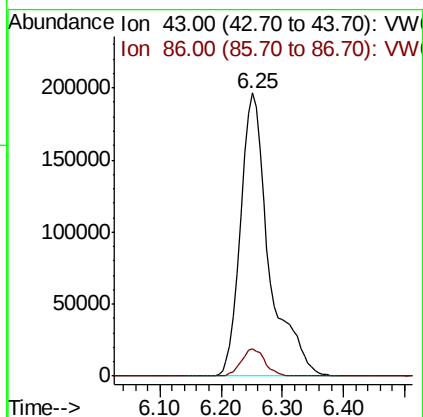
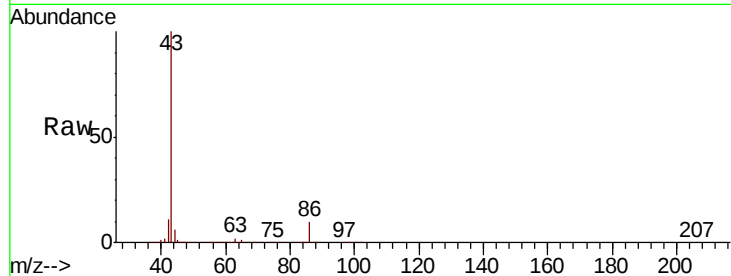
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 633096

Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5



#24

1,1-Dichloroethane

Concen: 20.182 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

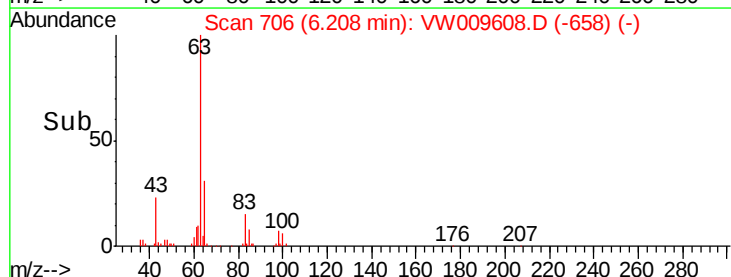
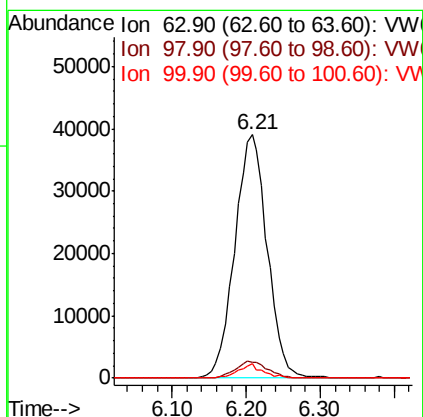
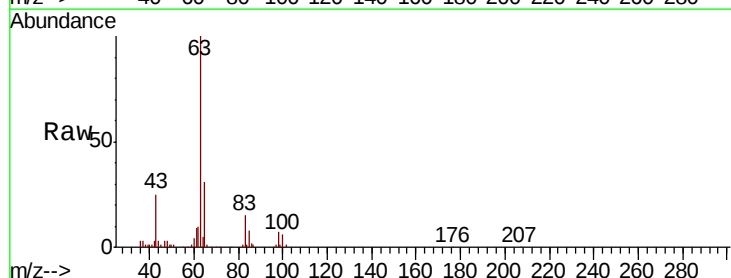
Tgt Ion: 63 Resp: 119069

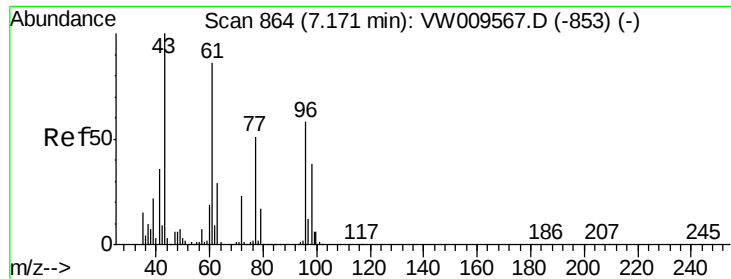
Ion Ratio Lower Upper

63 100

98 6.6 3.7 11.1

100 5.7 2.4 7.1





#25

2-Butanone

Concen: 106.245 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

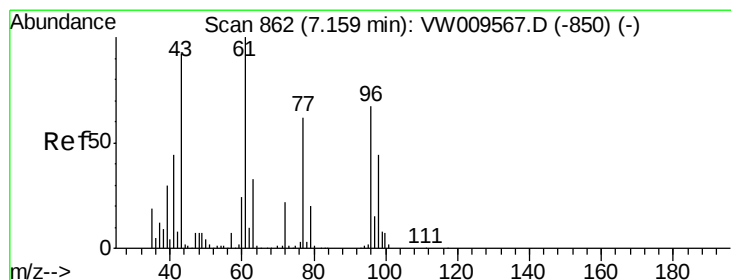
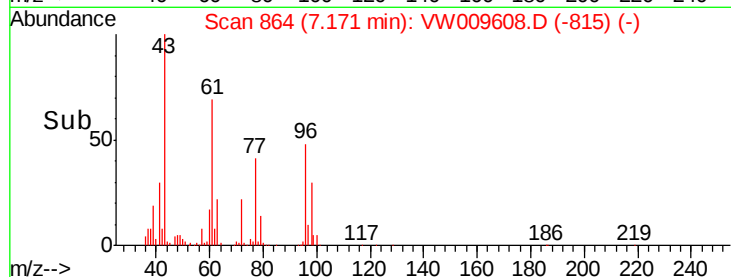
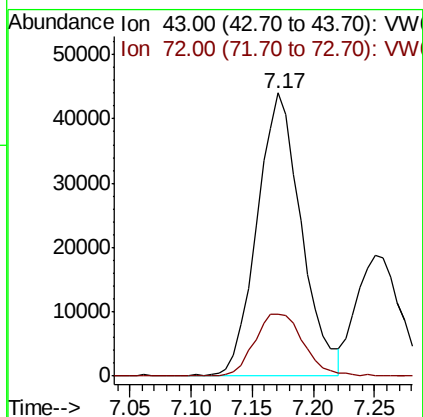
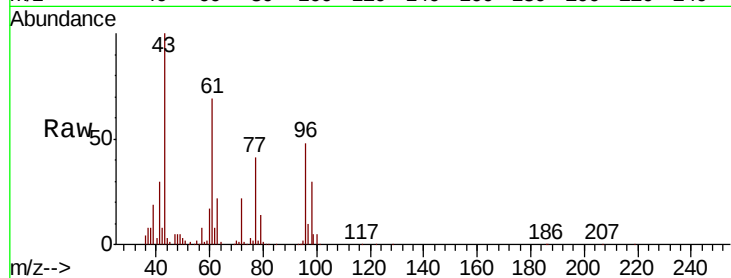
ClientSampled :

Tot Ion: 43 Resp: 110977

Ion Ratio Lower Upper

43 100

72 21.9 20.0 30.0



#26

2,2-Dichloropropane

Concen: 19.023 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW009608.D

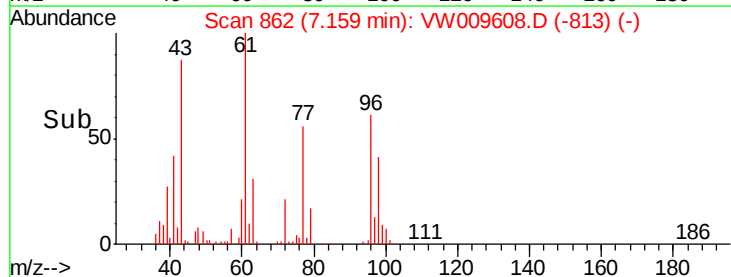
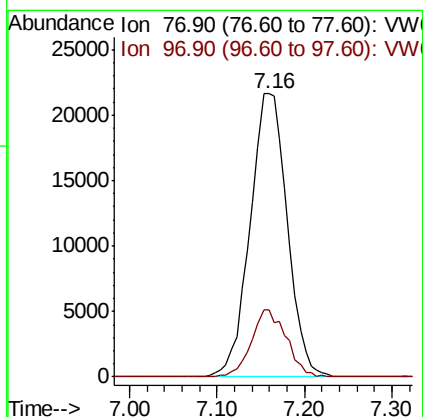
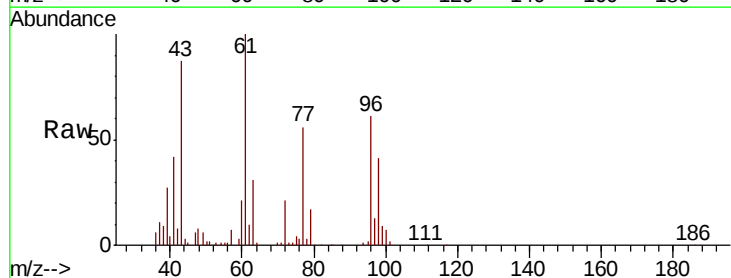
Acq: 31 Mar 2019 14:04

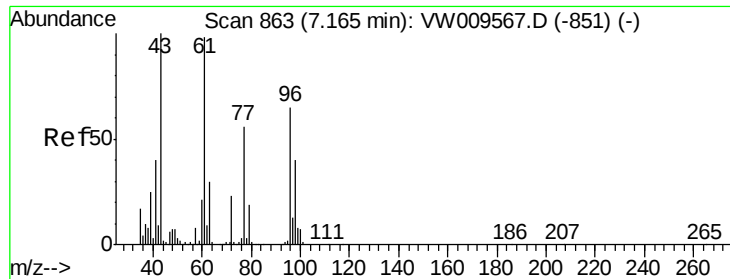
Tgt Ion: 77 Resp: 64165

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.7



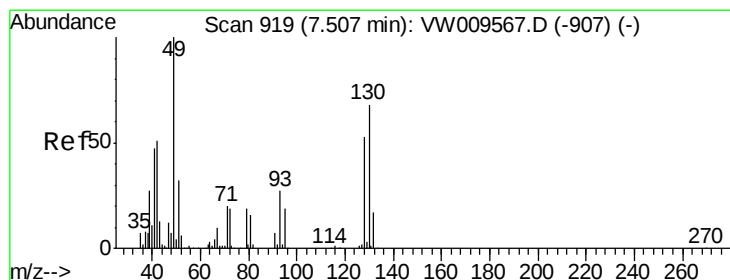
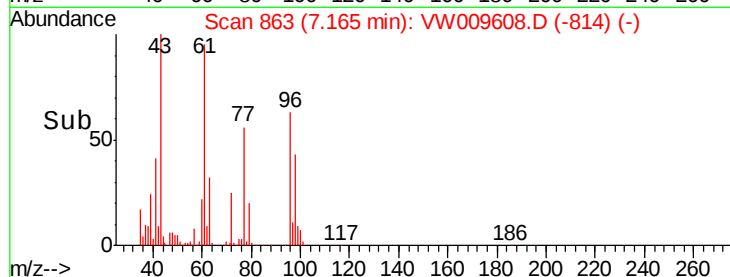
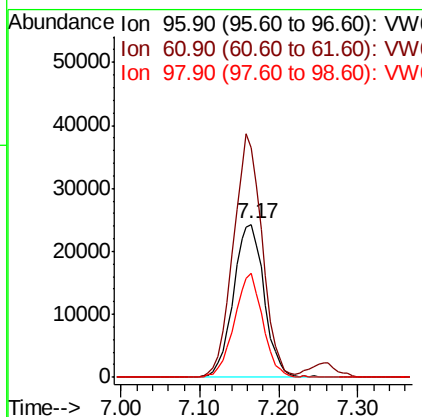
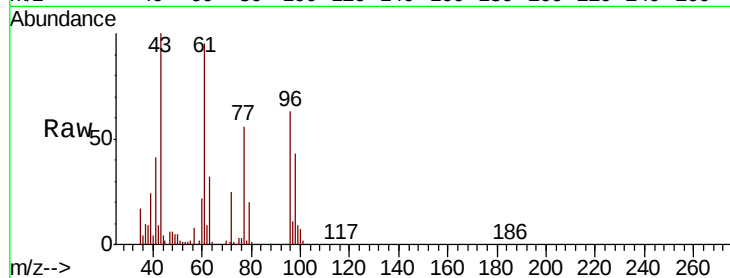


#27

cis-1,2-Dichloroethene
 Concen: 19.951 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

Instrument :
 MSVOA_W
 ClientSampled :

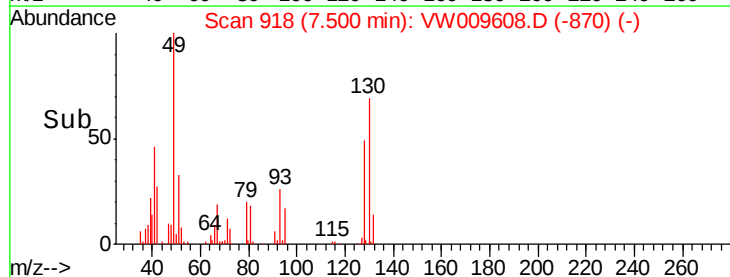
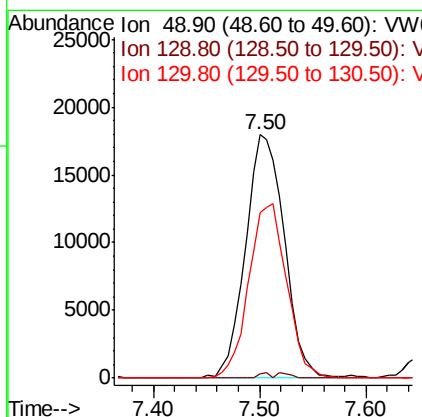
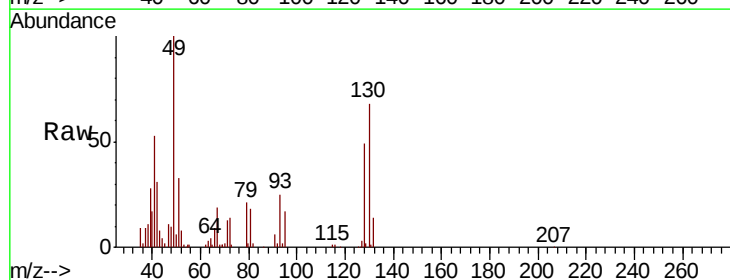
Tot Ion	96	Resp	65647
Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	289.8
98	63.1	0.0	130.8

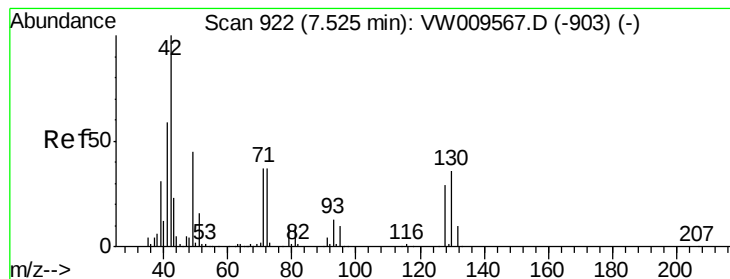


#28

Bromochloromethane
 Concen: 17.992 ug/l
 RT: 7.50 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

Tgt Ion	49	Resp	45996
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	1.4
130	0.0	58.6	88.0#





#29

Tetrahydrofuran

Concen: 106.122 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

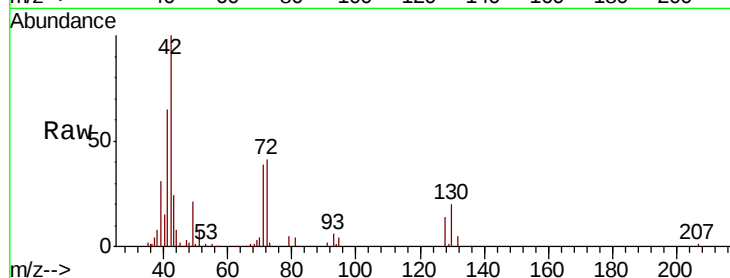
Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 68830

Ion	Ratio	Lower	Upper
42	100		
72	38.4	32.4	48.6
71	36.1	30.1	45.1

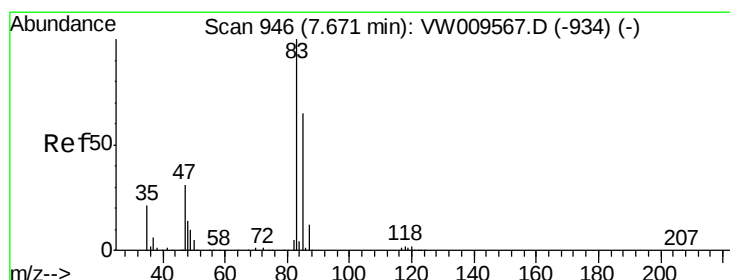
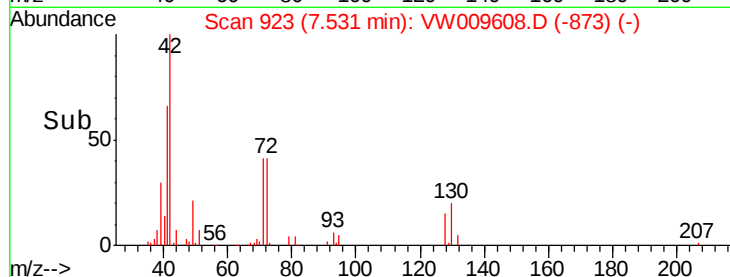
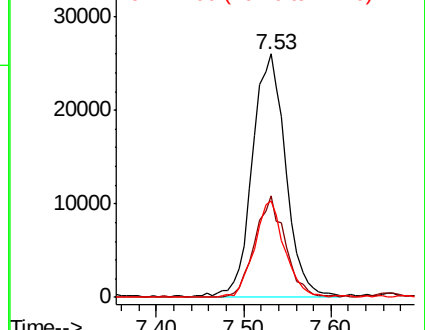


Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 20.496 ug/l

RT: 7.67 min Scan# 946

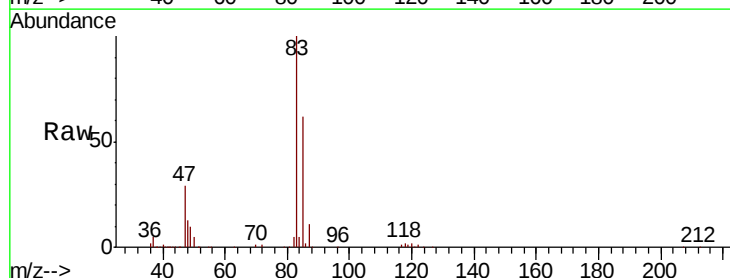
Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Tgt Ion: 83 Resp: 125240

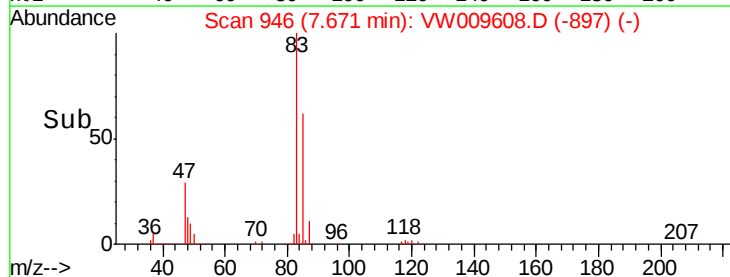
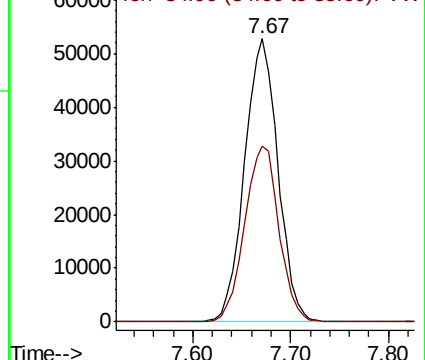
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.0	76.6

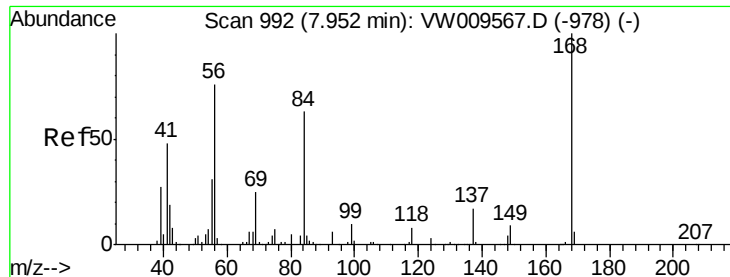


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

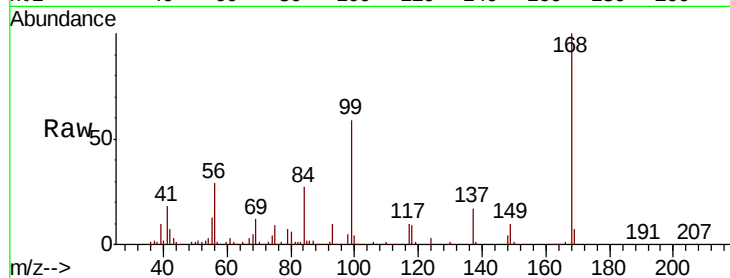




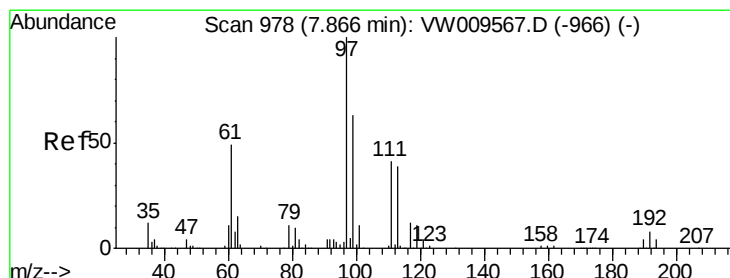
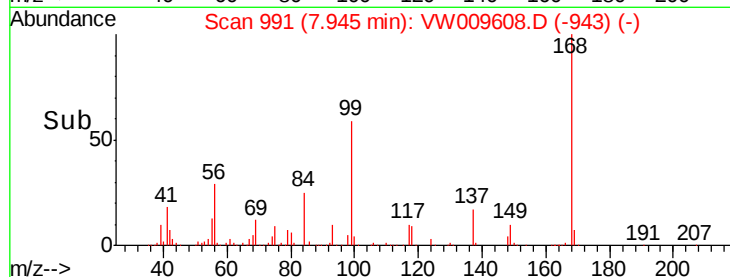
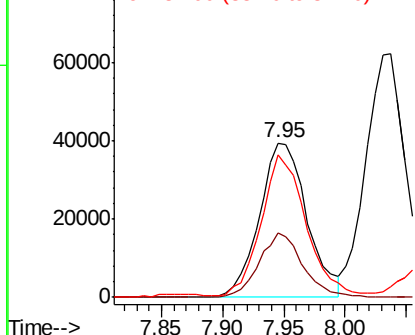
#31
Cyclohexane
Concen: 19.231 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 106367
Ion Ratio Lower Upper
56 100
69 41.9 26.1 39.1#
84 90.0 68.6 103.0

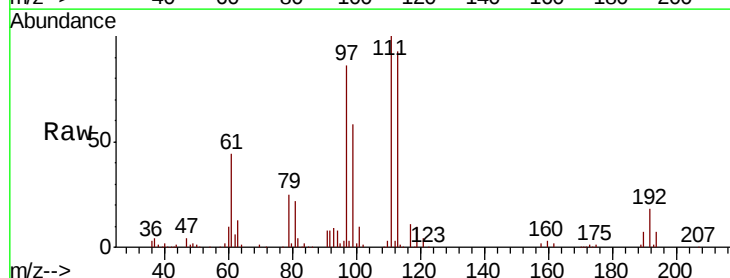


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

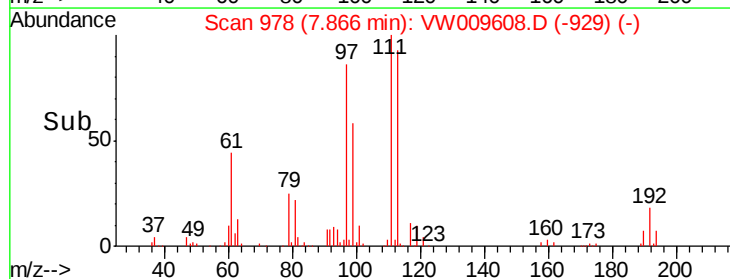
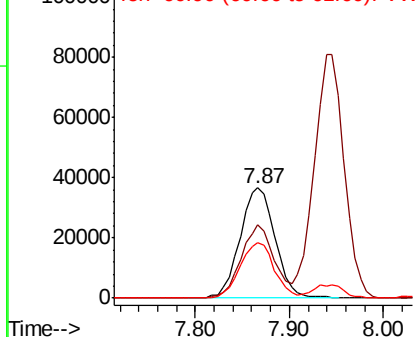


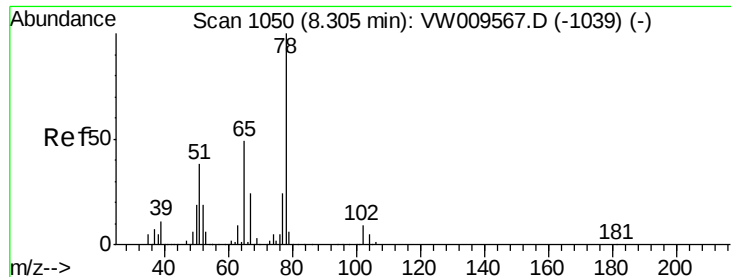
#32
1,1,1-Trichloroethane
Concen: 19.217 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 97 Resp: 95060
Ion Ratio Lower Upper
97 100
99 63.3 51.9 77.9
61 49.5 36.8 55.2



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

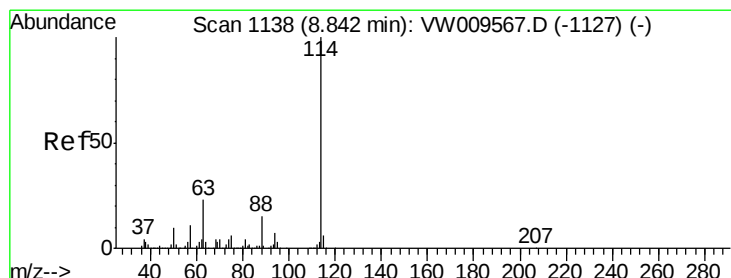
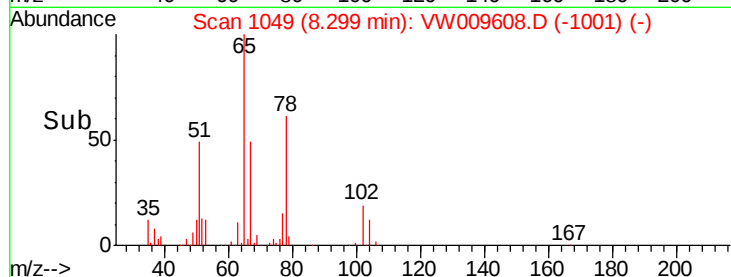
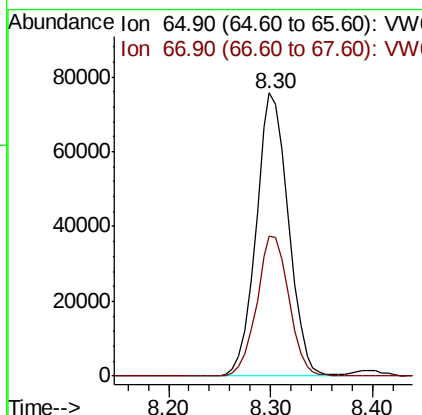
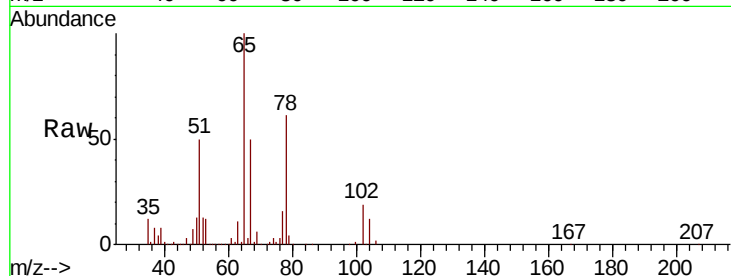




#33
 1,2-Dichloroethane-d4
 Concen: 49.448 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

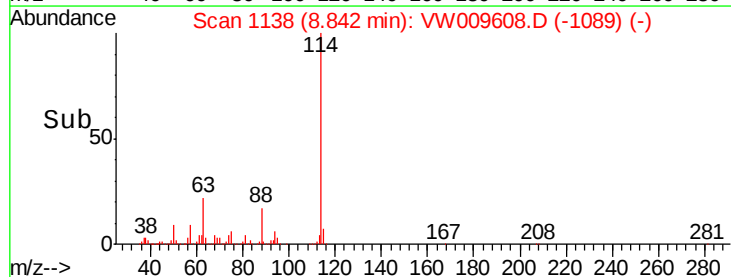
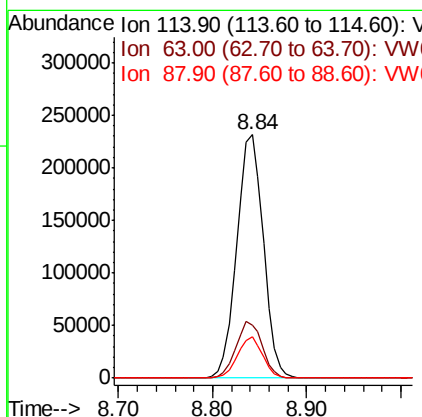
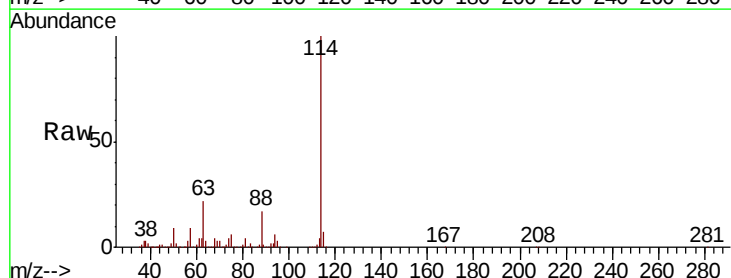
Instrument :
 MSVOA_W
 ClientSampled :

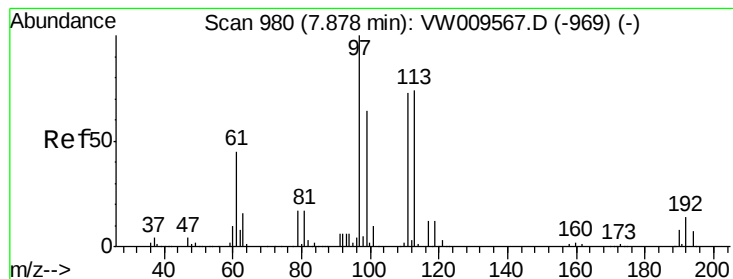
Tot Ion: 65 Resp: 166241
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

Tgt Ion: 114 Resp: 455309
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.2
 88 16.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.967 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

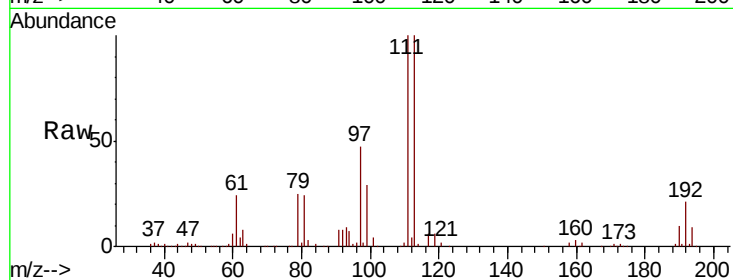
Tot Ion:113 Resp: 140030

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

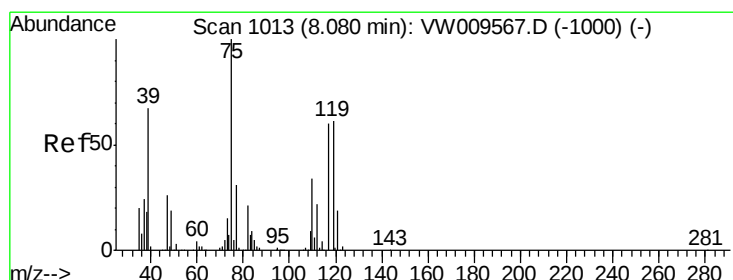
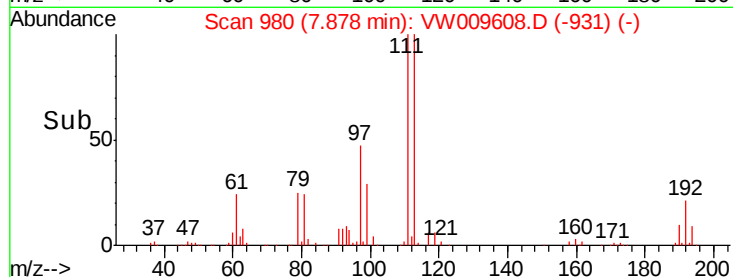
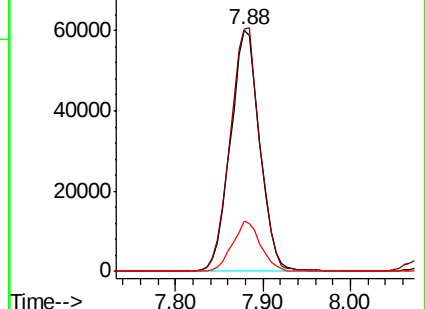
192 19.9 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.637 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

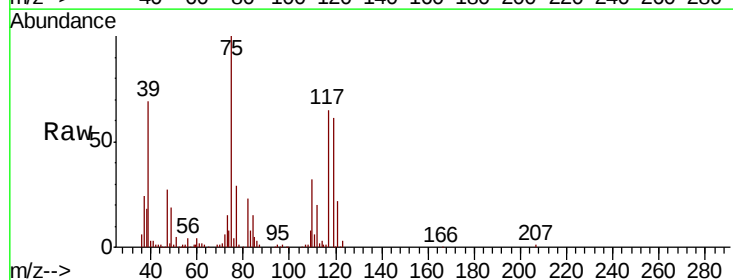
Tgt Ion: 75 Resp: 97188

Ion Ratio Lower Upper

75 100

110 32.7 16.8 50.4

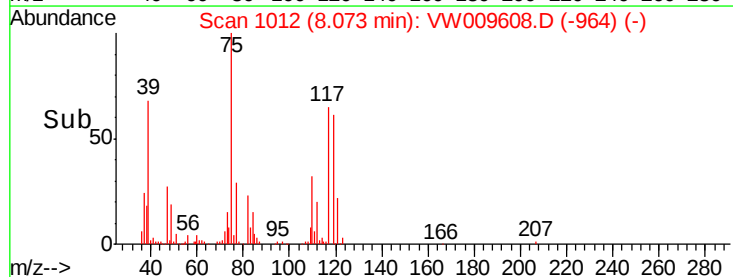
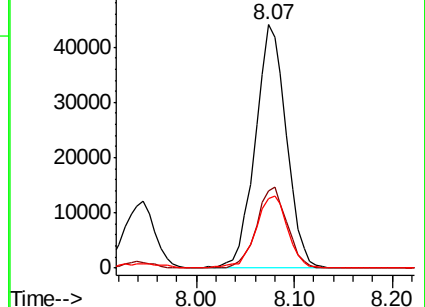
77 30.5 24.6 36.8

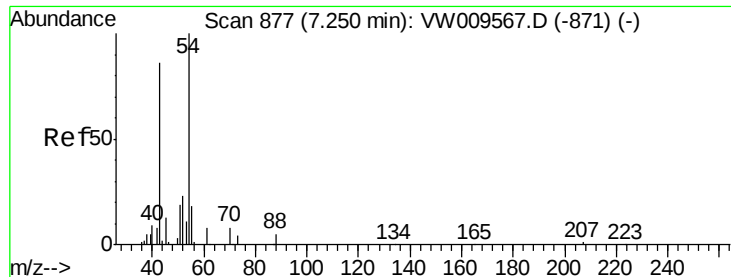


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

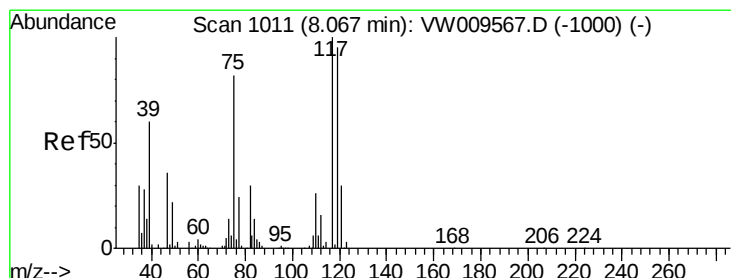
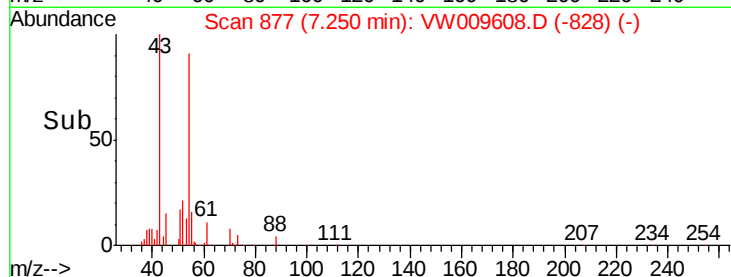
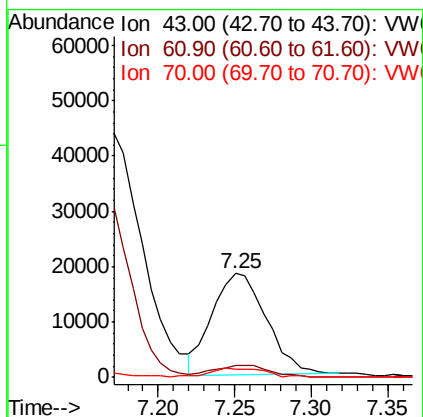
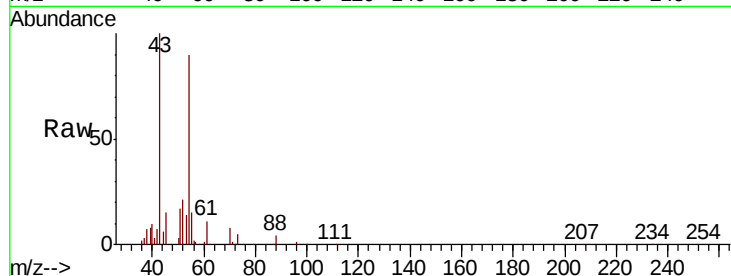




#37
Ethyl Acetate
Concen: 20.128 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

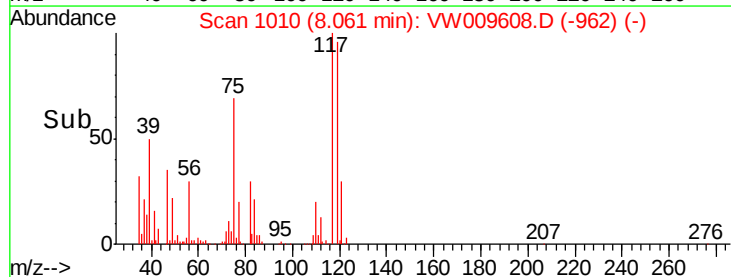
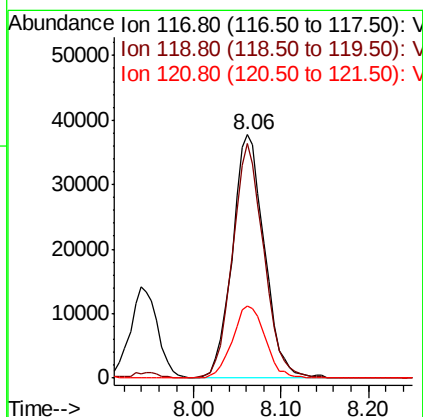
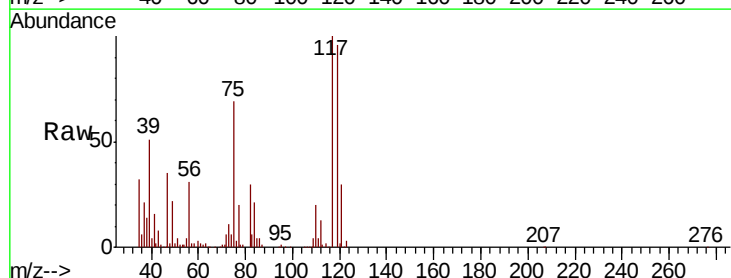
Instrument :
MSVOA_W
ClientSampled :

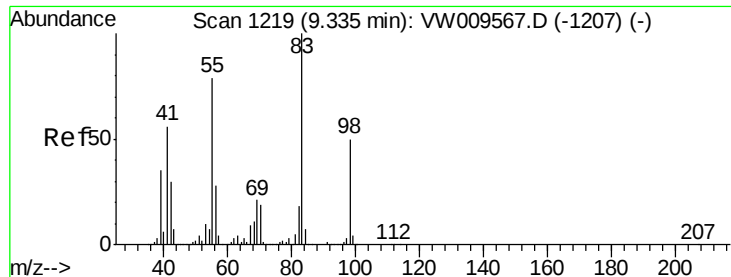
Tot Ion: 43 Resp: 45034
Ion Ratio Lower Upper
43 100
61 12.8 10.0 15.0
70 9.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 19.942 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 117 Resp: 96231
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.0
121 29.7 24.9 37.3

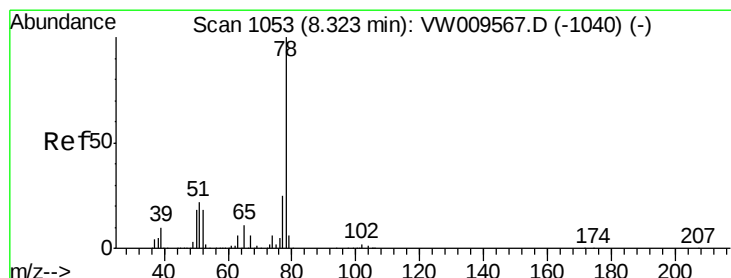
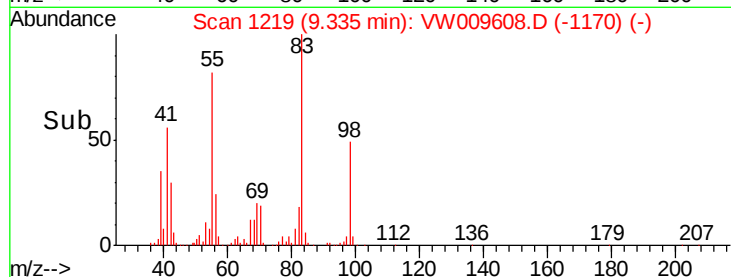
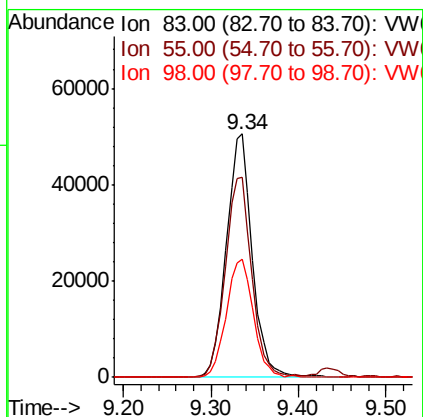
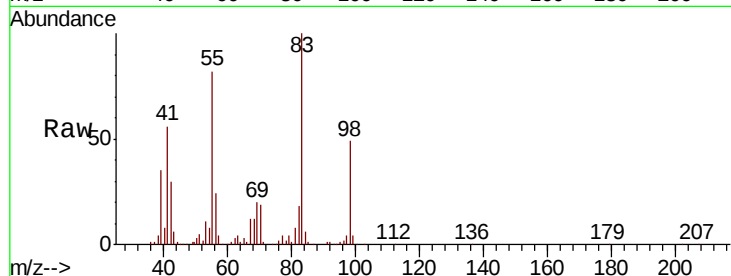




#39
Methvlcvclohexane
Concen: 19.282 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

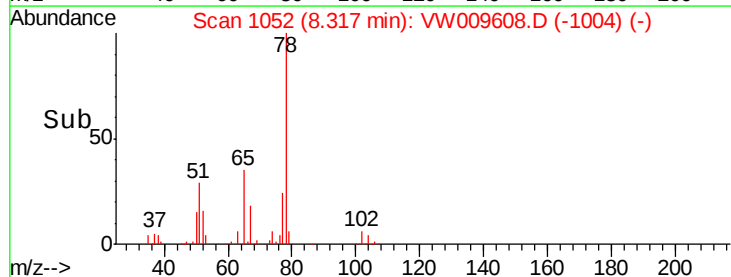
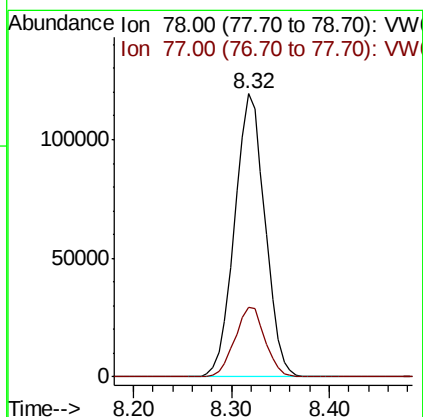
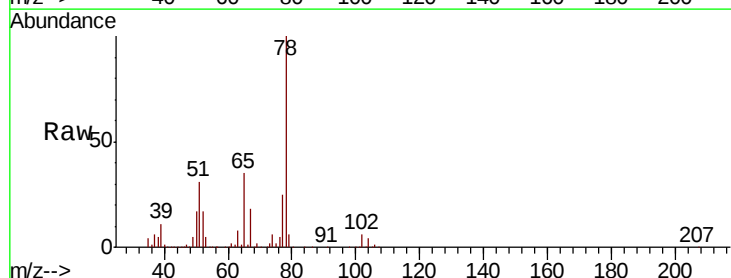
Instrument :
MSVOA_W
ClientSampled :

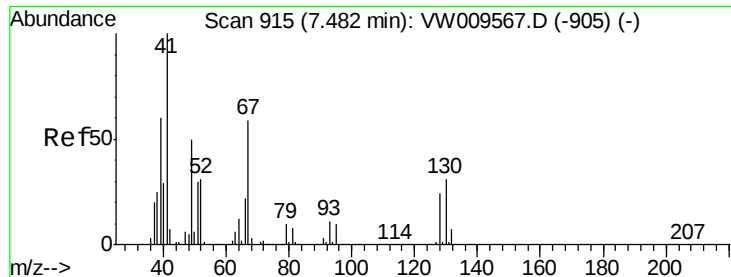
Tot Ion: 83 Resp: 103729
Ion Ratio Lower Upper
83 100
55 82.2 61.1 91.7
98 48.6 39.0 58.4



#40
Benzene
Concen: 20.173 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 78 Resp: 257327
Ion Ratio Lower Upper
78 100
77 24.6 19.8 29.6

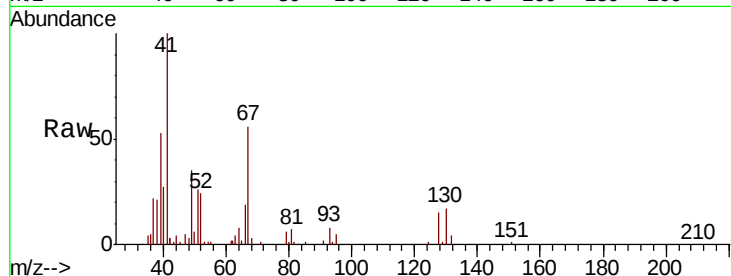




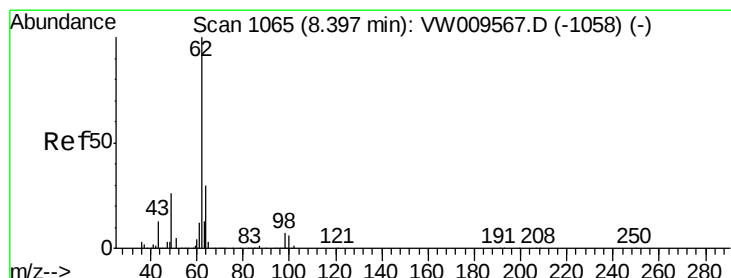
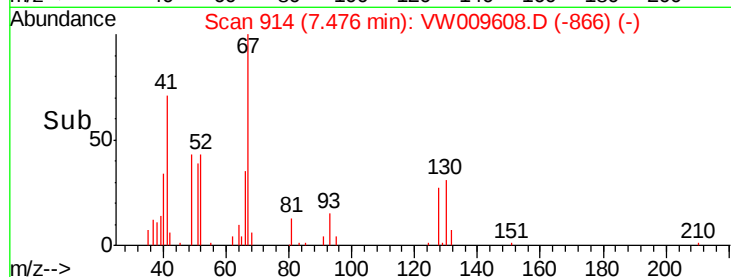
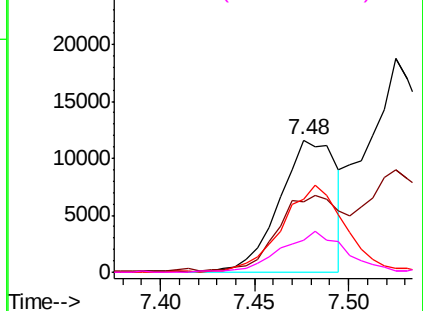
#41
Methacrylonitrile
Concen: 19.167 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	24104
Ion	Ratio	Lower	Upper
41	100		
39	66.6	52.5	78.7
67	75.0	56.6	84.8
52	35.5	27.2	40.8

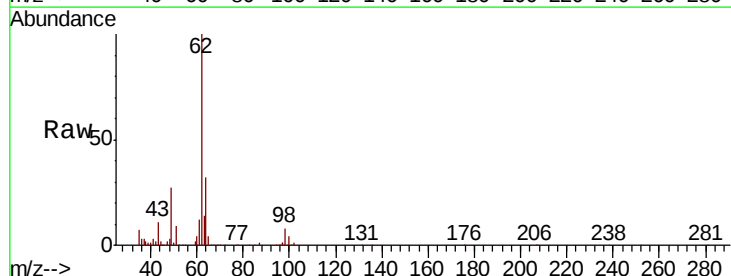


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

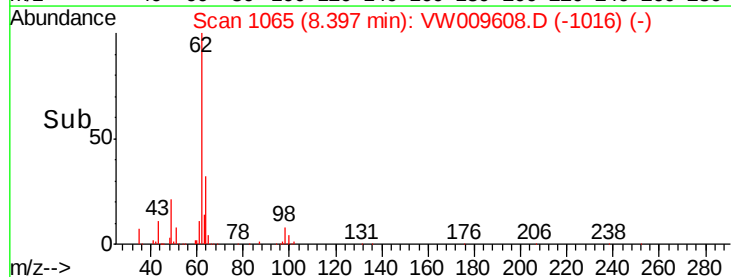
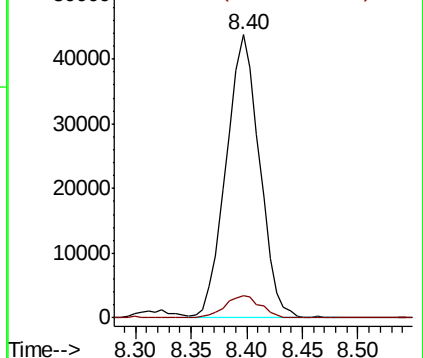


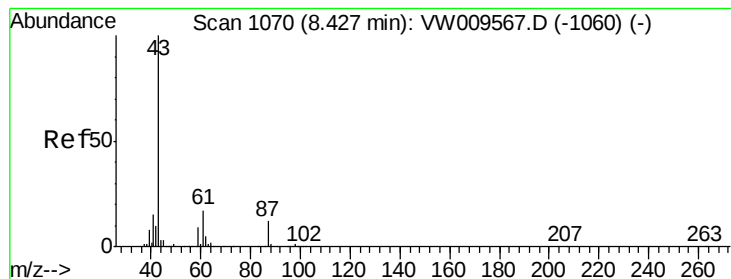
#42
1,2-Dichloroethane
Concen: 20.942 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion:	62	Resp:	91073
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.4



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





#43

Isopropyl Acetate

Concen: 20.640 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

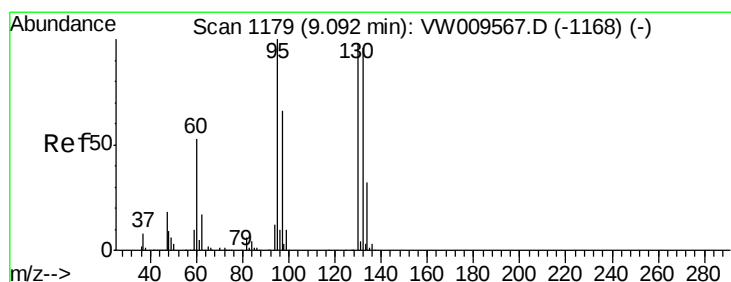
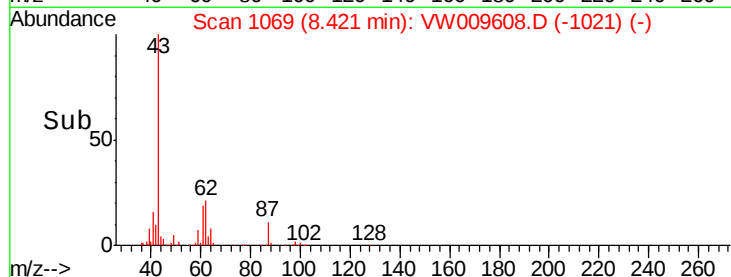
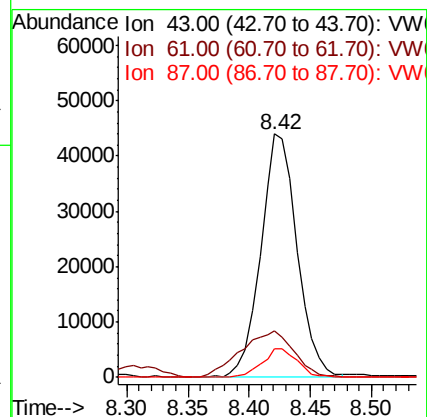
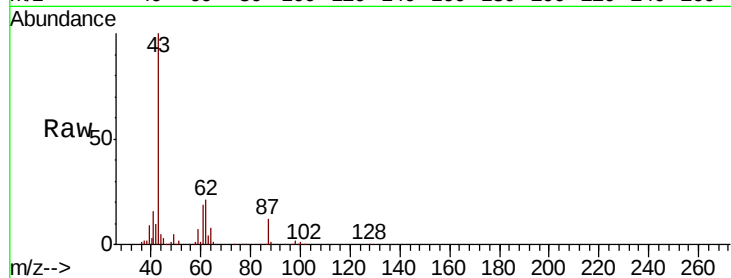
Tot Ion: 43 Resp: 90503

Ion Ratio Lower Upper

43 100

61 28.3 22.2 33.2

87 11.6 9.6 14.4



#44

Trichloroethene

Concen: 20.446 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009608.D

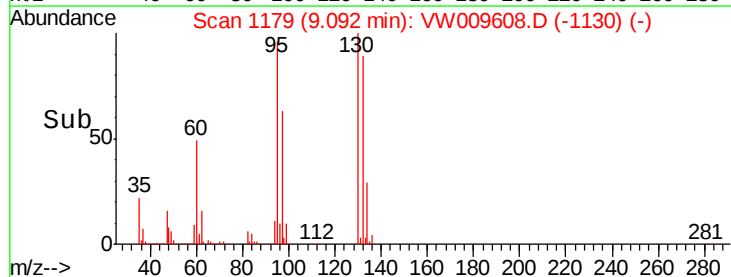
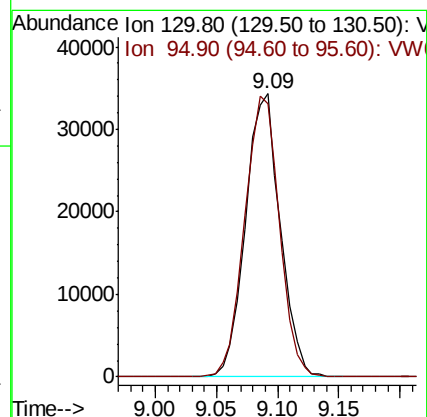
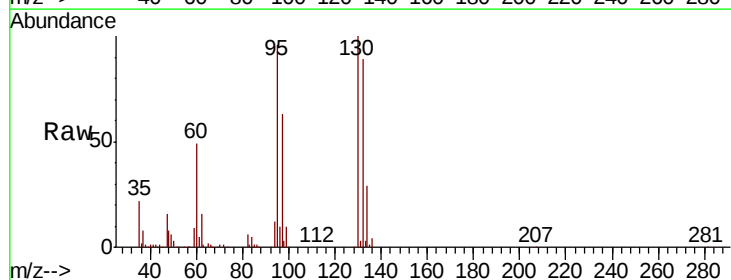
Acq: 31 Mar 2019 14:04

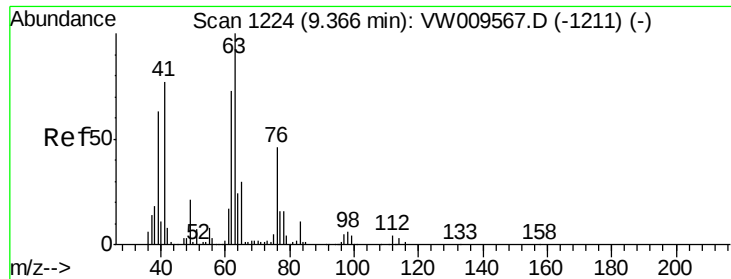
Tgt Ion: 130 Resp: 67520

Ion Ratio Lower Upper

130 100

95 96.4 0.0 192.6





#45

1,2-Dichloropropane

Concen: 19.827 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

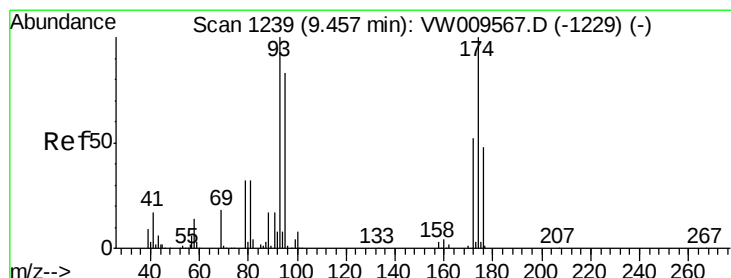
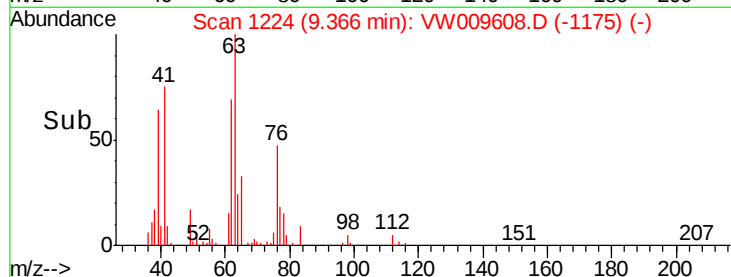
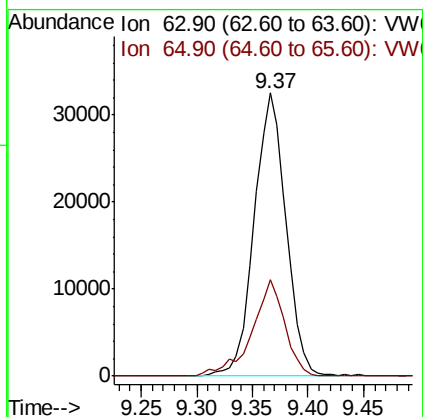
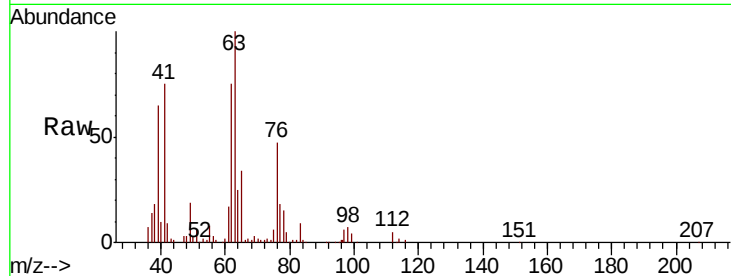
ClientSampleId :

Tot Ion: 63 Resp: 64738

Ion Ratio Lower Upper

63 100

65 33.7 25.8 38.8



#46

Dibromomethane

Concen: 20.856 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

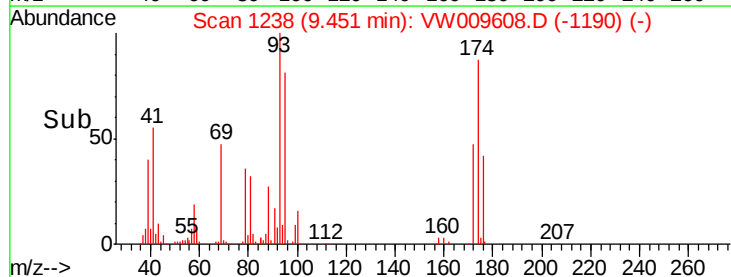
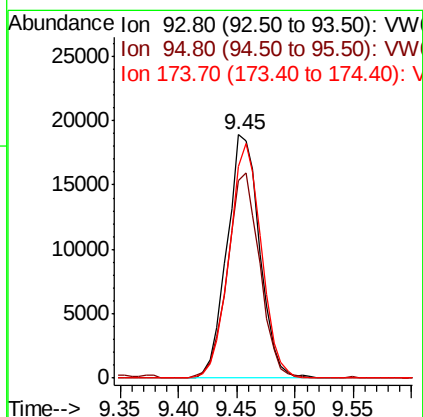
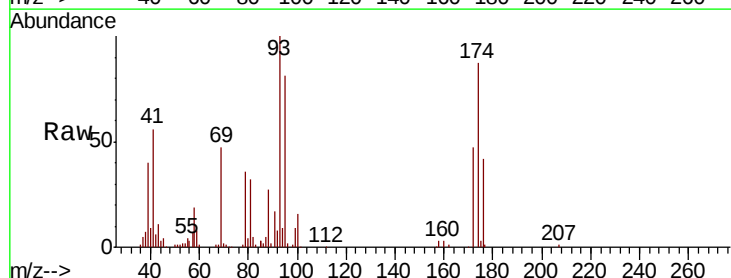
Tgt Ion: 93 Resp: 36889

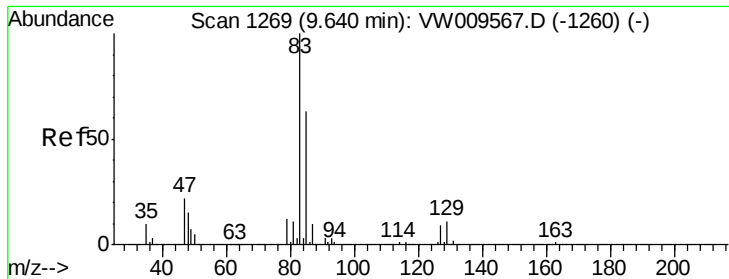
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

174 94.6 80.8 121.2





#47

Bromodichloromethane

Concen: 20.317 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

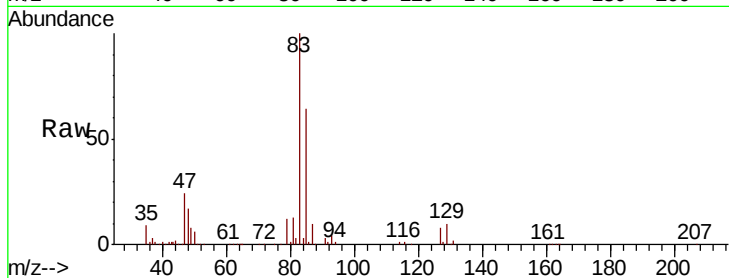
Tot Ion: 83 Resp: 91665

Ion Ratio Lower Upper

83 100

85 64.4 52.6 79.0

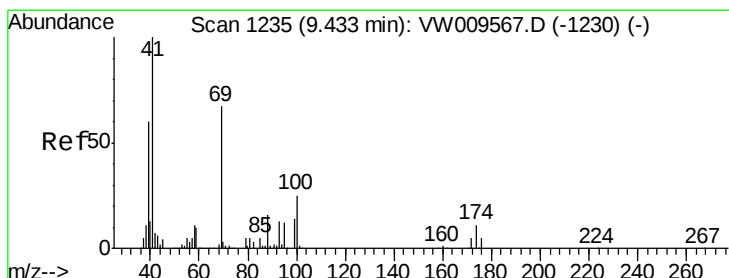
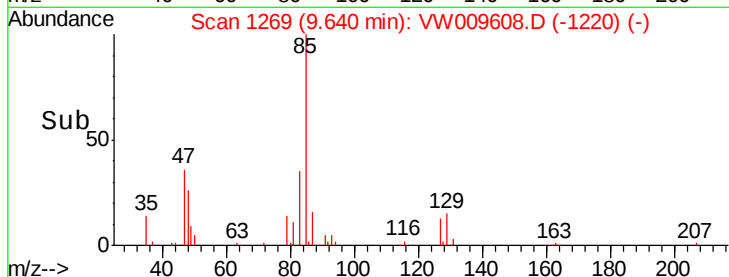
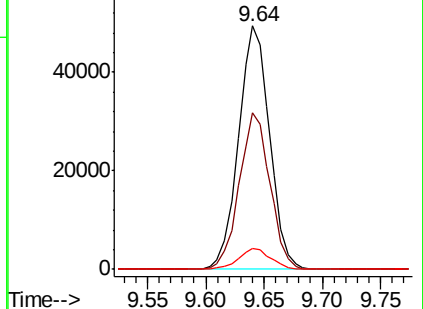
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 20.417 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

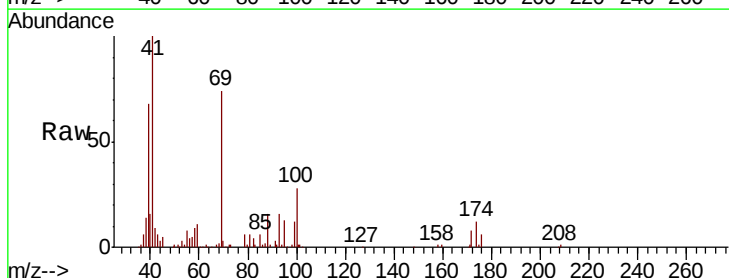
Tgt Ion: 41 Resp: 41967

Ion Ratio Lower Upper

41 100

69 79.6 63.0 94.6

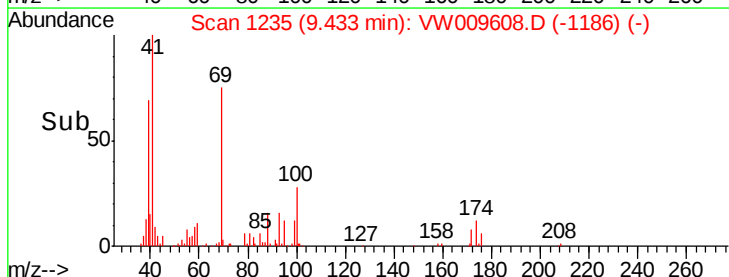
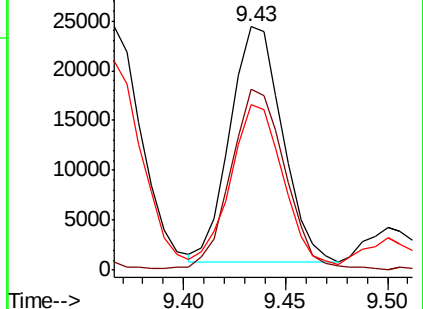
39 71.5 57.2 85.8

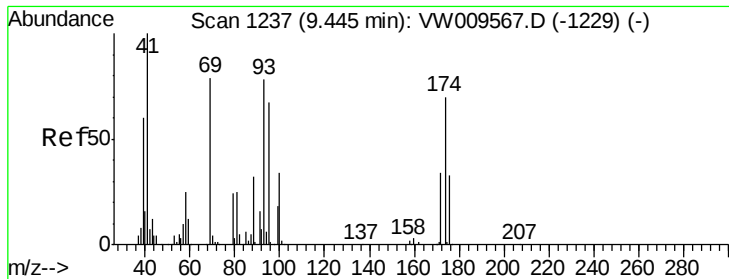


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

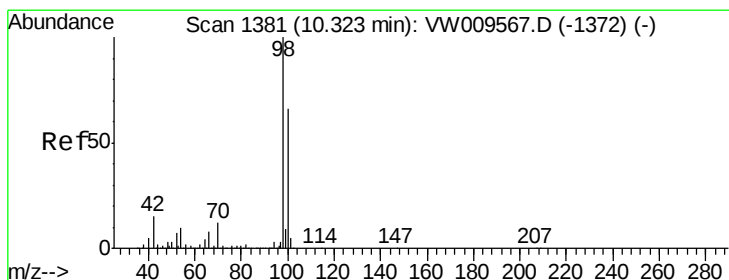
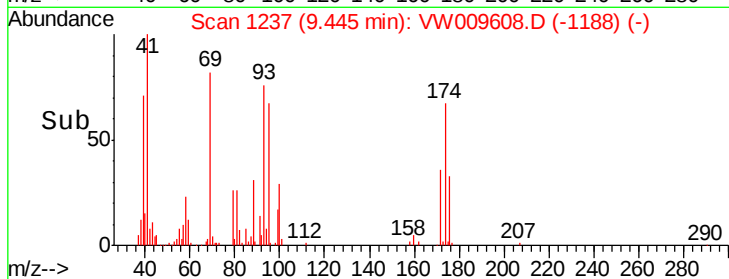
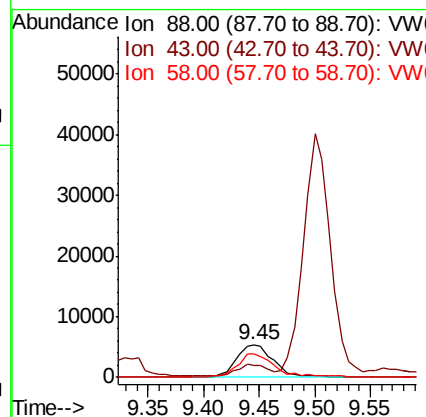
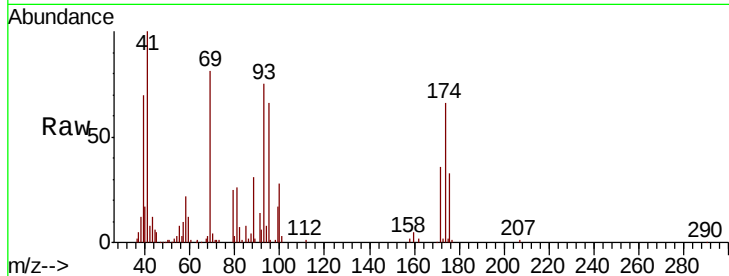




#49
1,4-Dioxane
Concen: 464.080 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

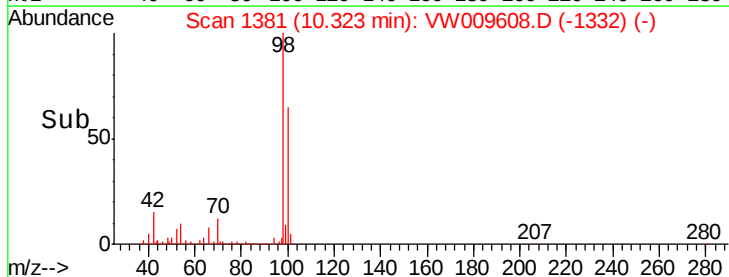
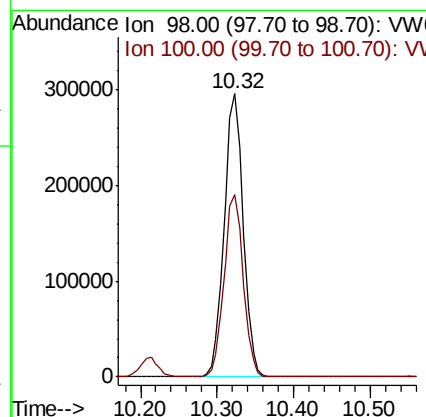
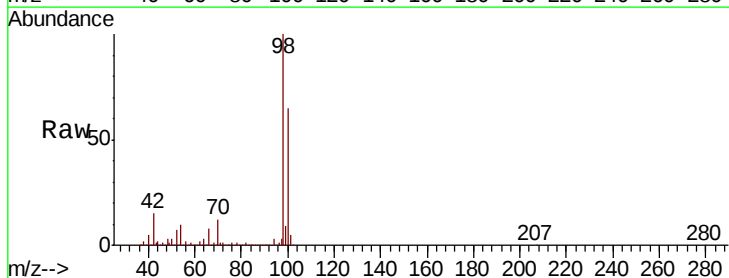
Instrument :
MSVOA_W
ClientSampled :

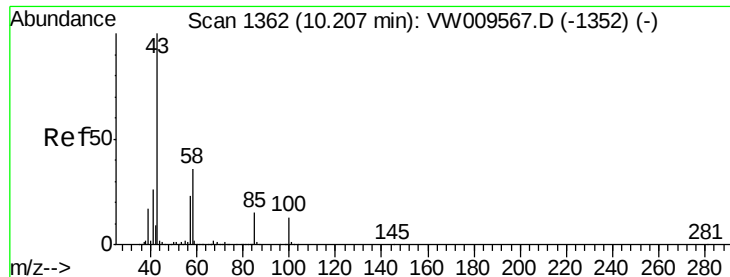
Tot Ion: 88 Resp: 12224
Ion Ratio Lower Upper
88 100
43 30.9 29.7 44.5
58 73.1 58.1 87.1



#50
Toluene-d8
Concen: 48.285 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 98 Resp: 510360
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 106.510 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

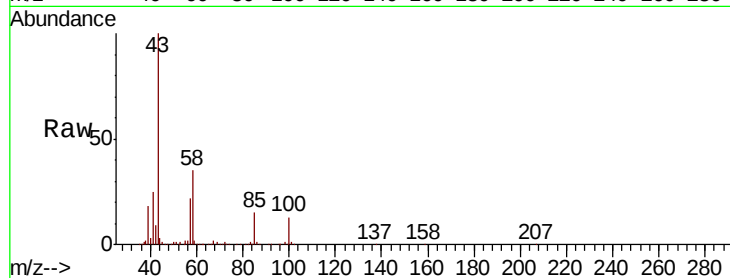
ClientSampleId :

Tot Ion: 43 Resp: 249877

Ion Ratio Lower Upper

43 100

58 34.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

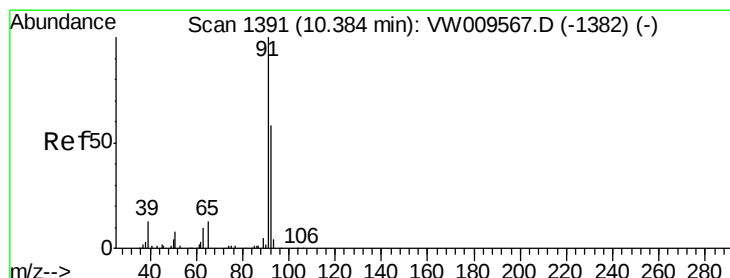
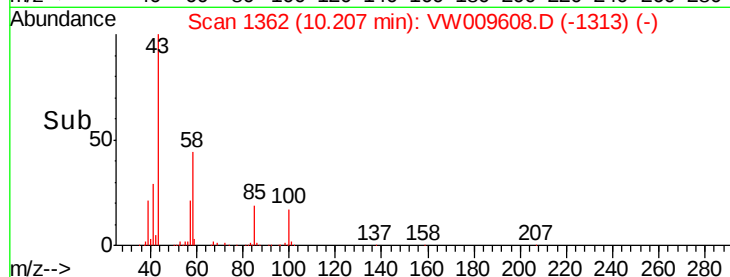
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.189 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009608.D

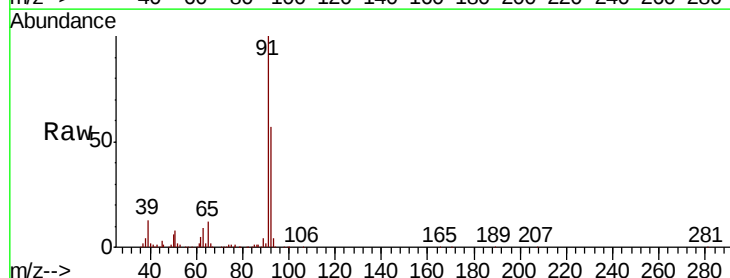
Acq: 31 Mar 2019 14:04

Tgt Ion: 92 Resp: 161280

Ion Ratio Lower Upper

92 100

91 177.1 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

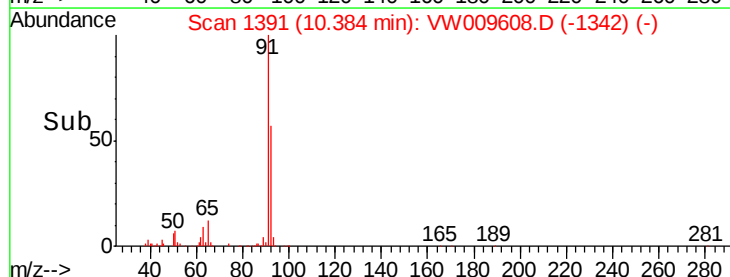
150000

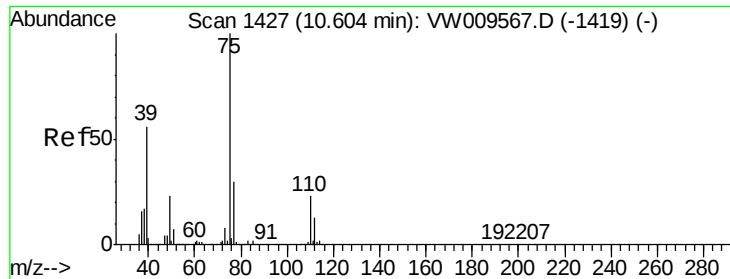
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.777 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

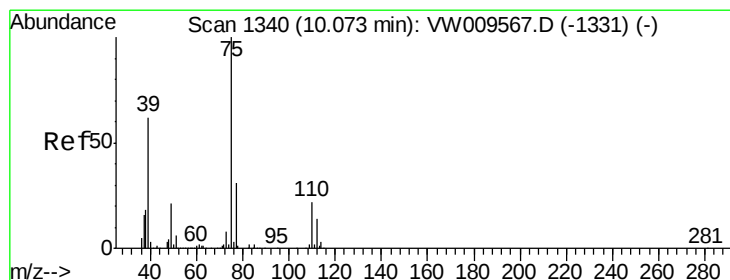
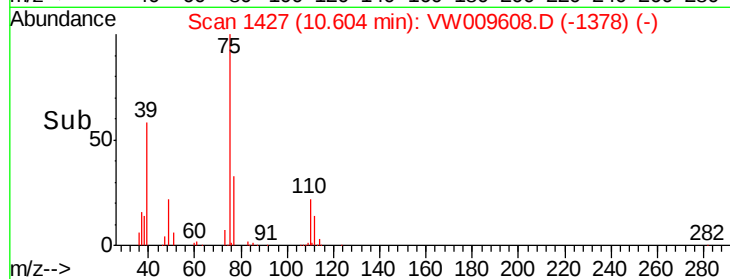
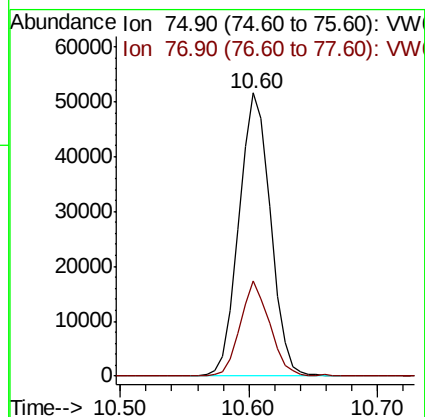
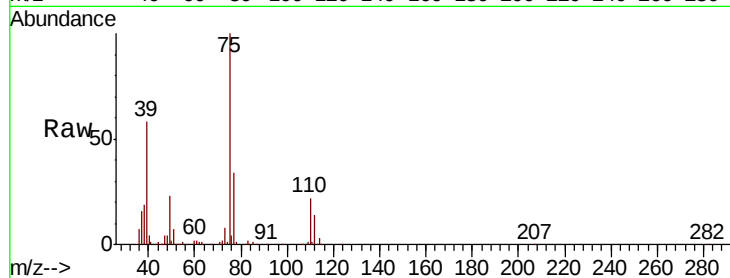
ClientSampleId :

Tot Ion: 75 Resp: 87371

Ion Ratio Lower Upper

75 100

77 33.6 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 19.965 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

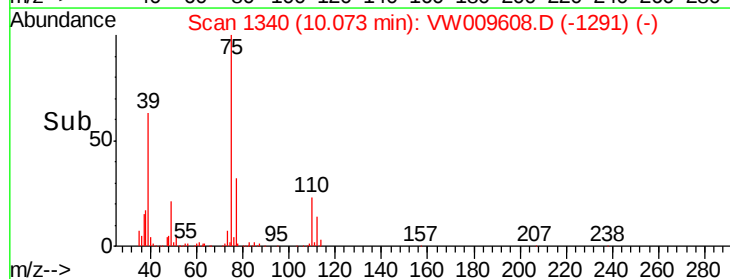
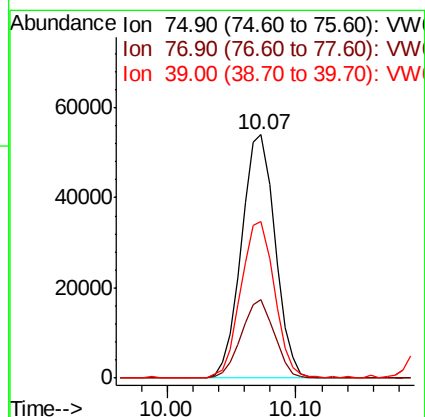
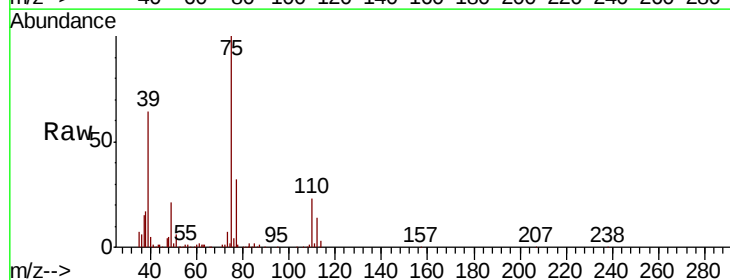
Tgt Ion: 75 Resp: 97794

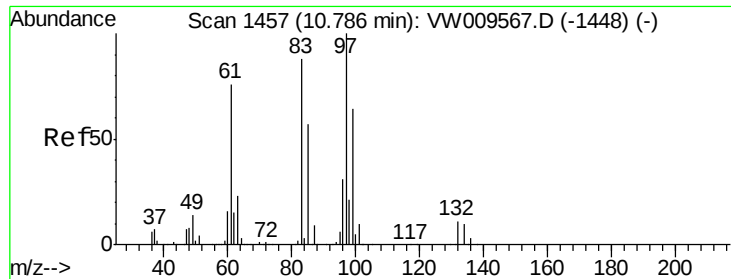
Ion Ratio Lower Upper

75 100

77 32.3 25.9 38.9

39 63.9 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 21.307 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

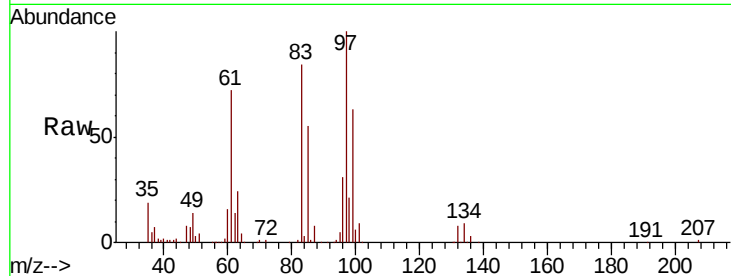
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 50941

Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.3	99.5
85	54.6	41.4	62.2
99	63.0	48.7	73.1



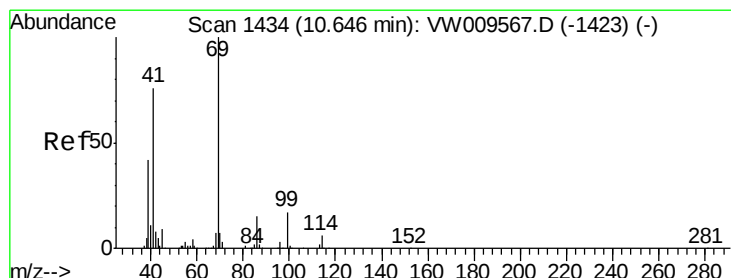
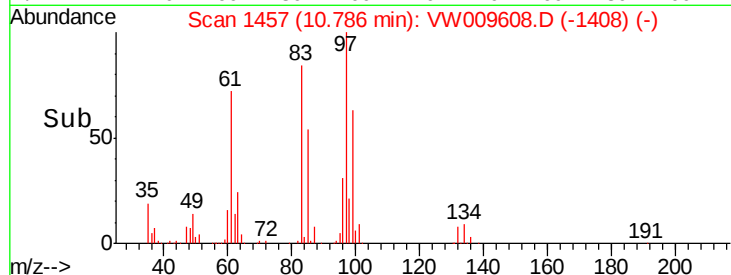
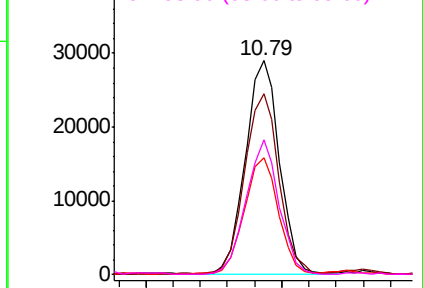
Abundance

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: 20.396 ug/l

RT: 10.65 min Scan# 1434

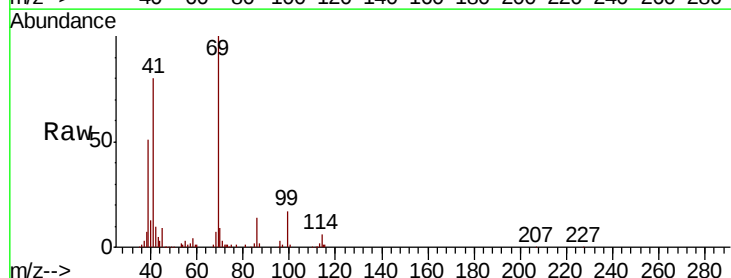
Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Tgt Ion: 69 Resp: 59480

Ion	Ratio	Lower	Upper
69	100		
41	78.3	59.3	88.9
39	45.1	36.2	54.2

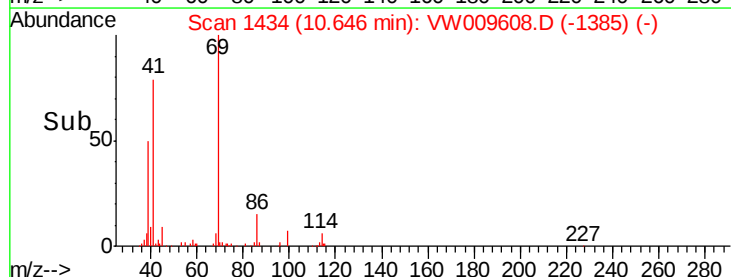
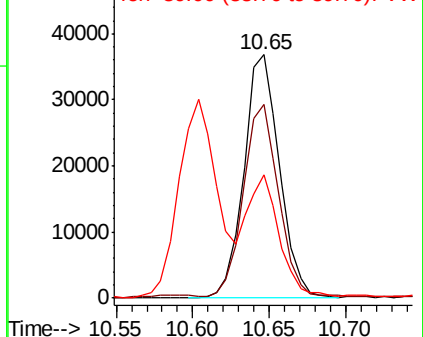


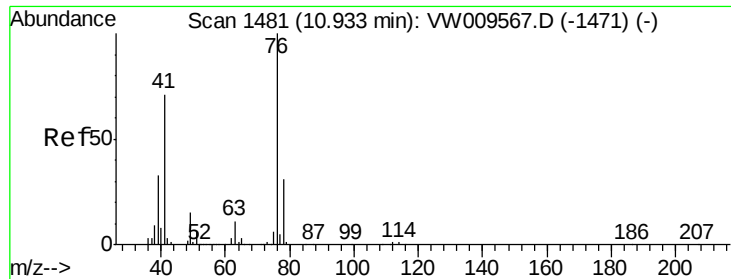
Abundance

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: 20.498 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

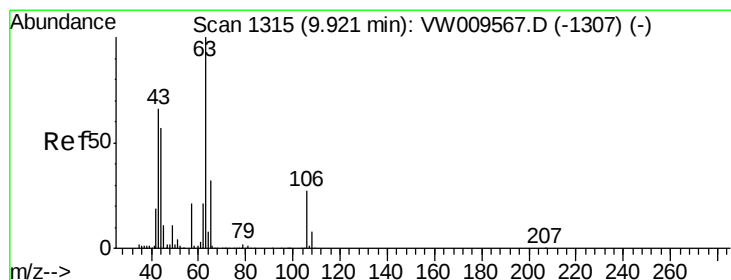
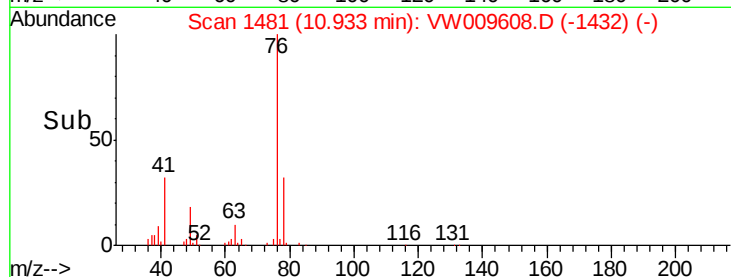
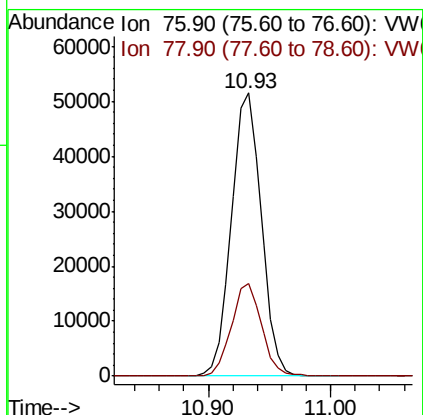
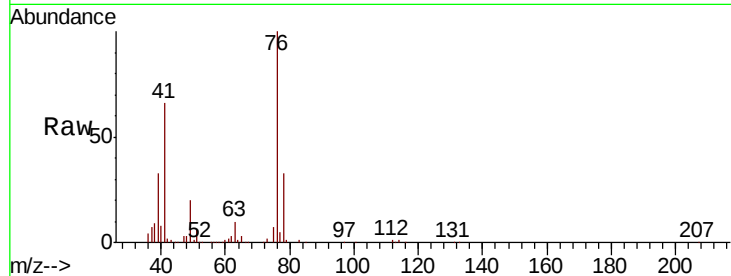
ClientSampleId :

Tot Ion: 76 Resp: 86869

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.104 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW009608.D

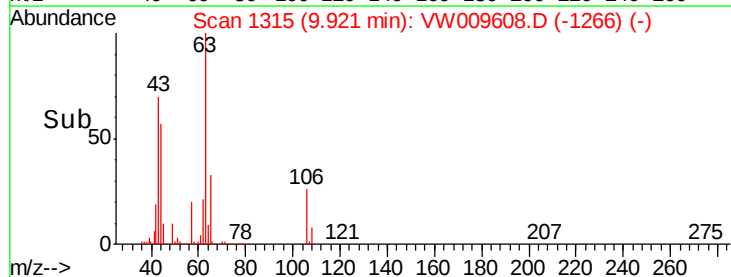
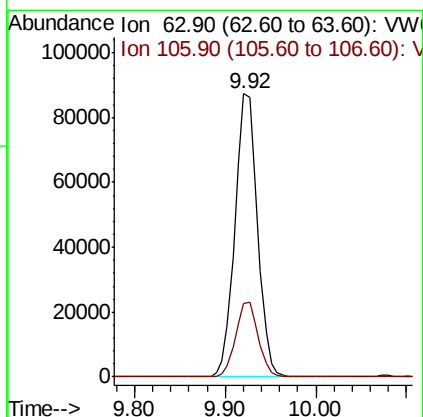
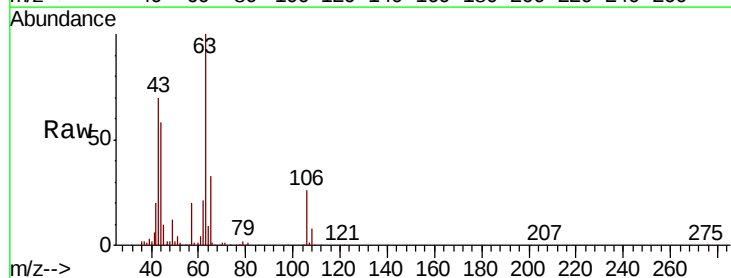
Acq: 31 Mar 2019 14:04

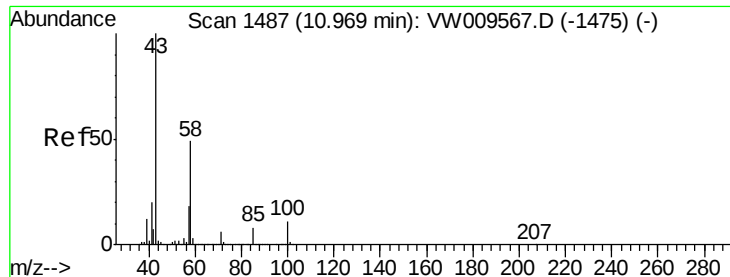
Tgt Ion: 63 Resp: 150809

Ion Ratio Lower Upper

63 100

106 26.2 22.9 34.3

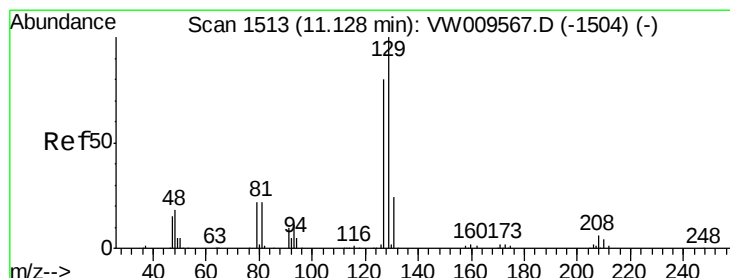
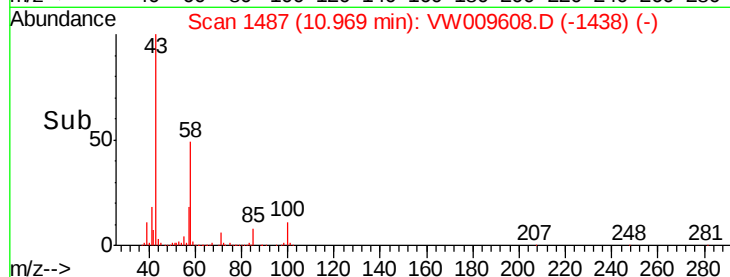
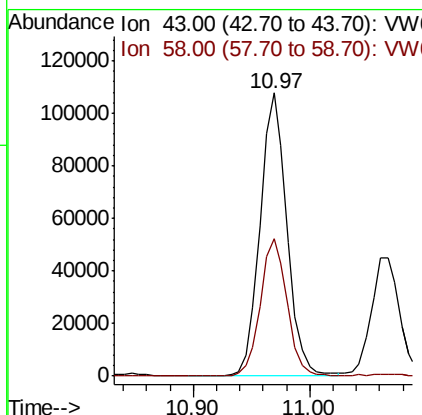
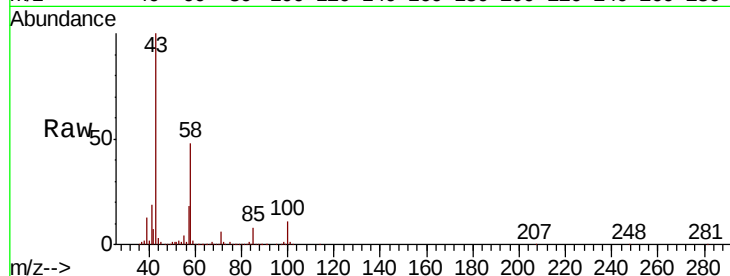




#59
2-Hexanone
Concen: 106.402 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

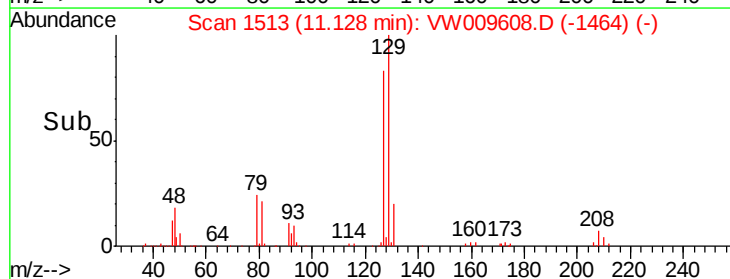
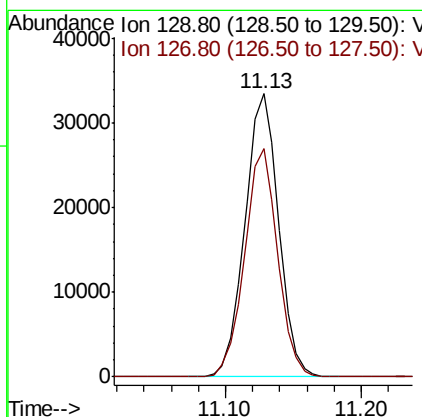
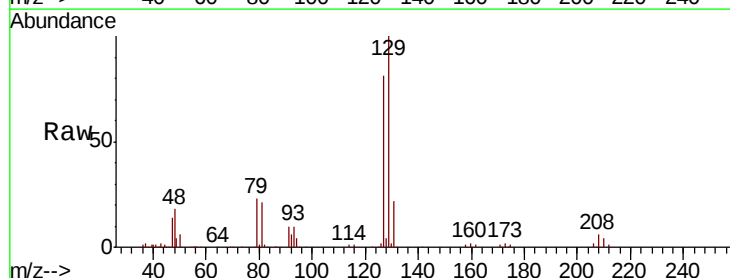
Instrument :
MSVOA_W
ClientSampled :

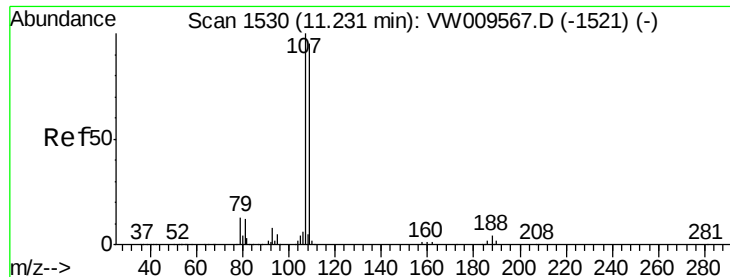
Tot Ion: 43 Resp: 172757
Ion Ratio Lower Upper
43 100
58 48.4 24.2 72.6



#60
Dibromochloromethane
Concen: 20.097 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion:129 Resp: 58017
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.5

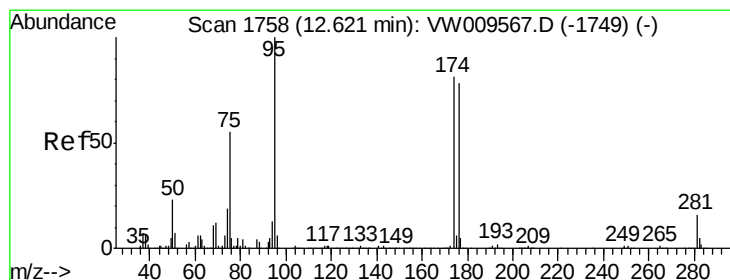
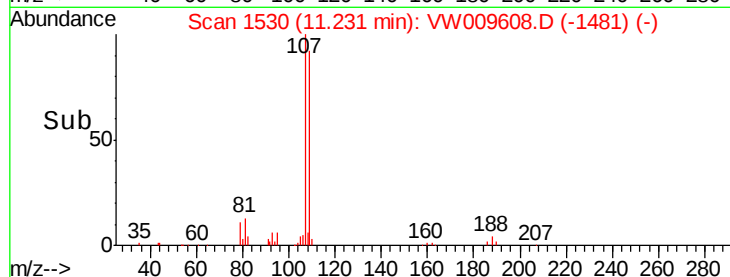
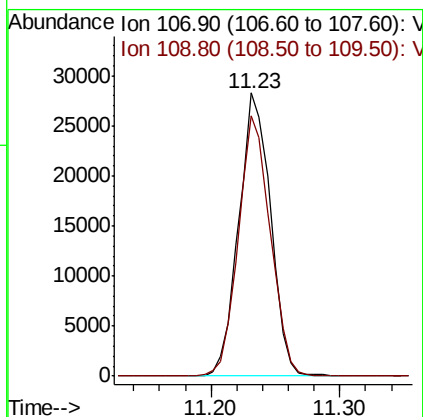
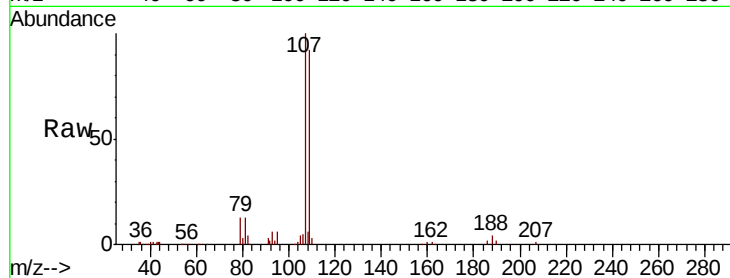




#61
 1,2-Dibromoethane
 Concen: 21.067 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

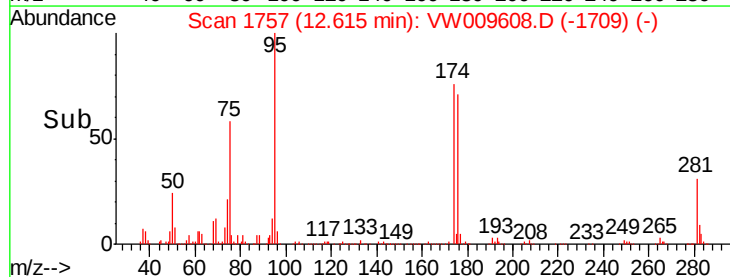
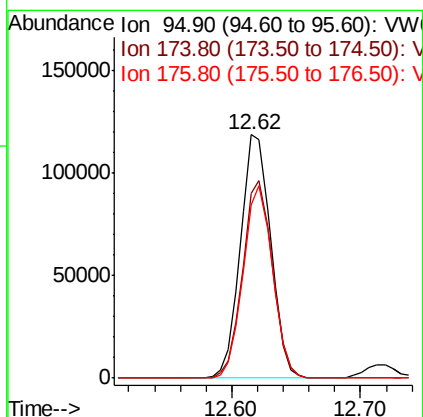
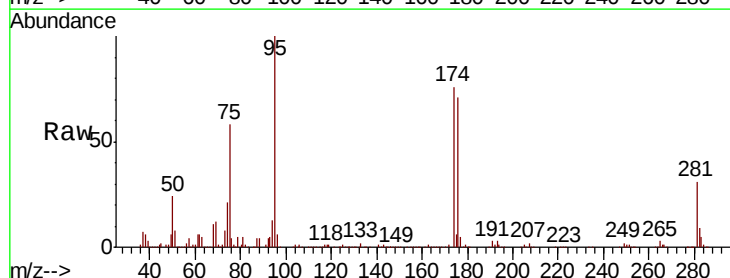
Instrument :
 MSVOA_W
 ClientSampleId :

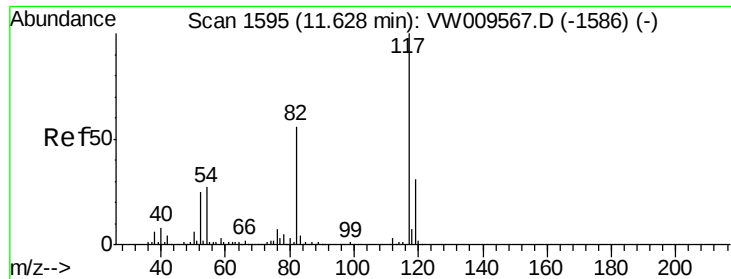
Tot Ion: 107 Resp: 48299
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.829 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

Tgt Ion: 95 Resp: 192540
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 168.4
 176 76.8 0.0 161.6

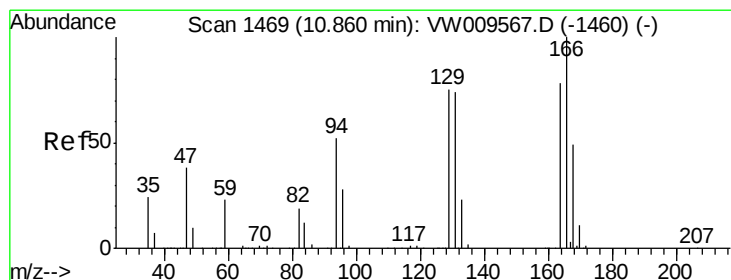
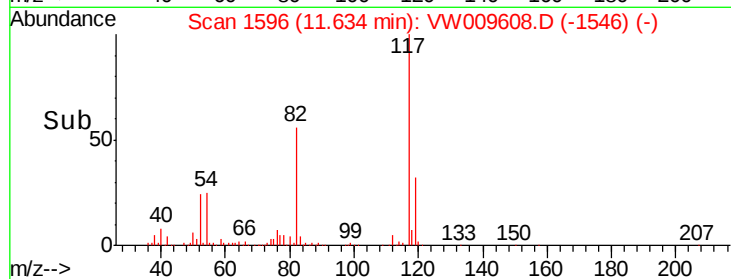
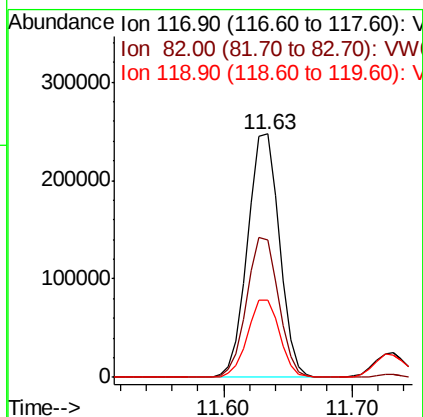
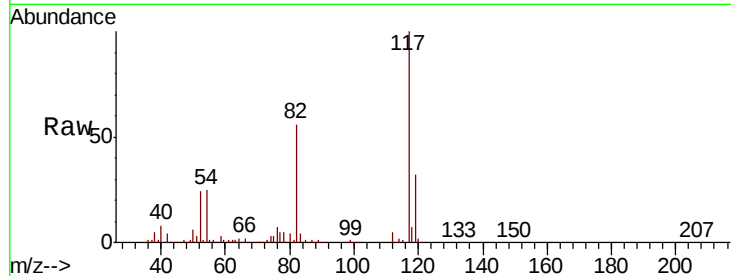




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

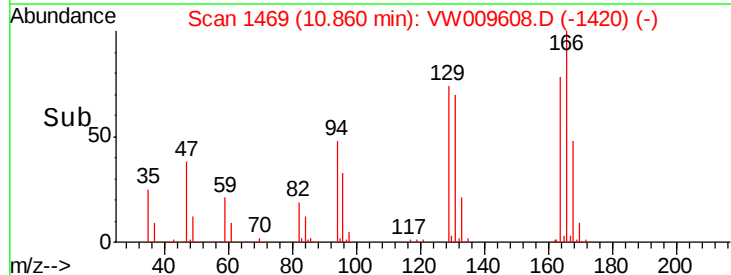
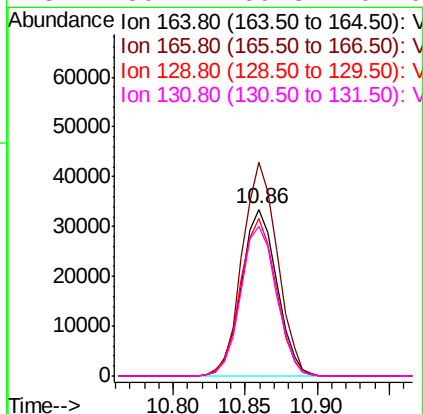
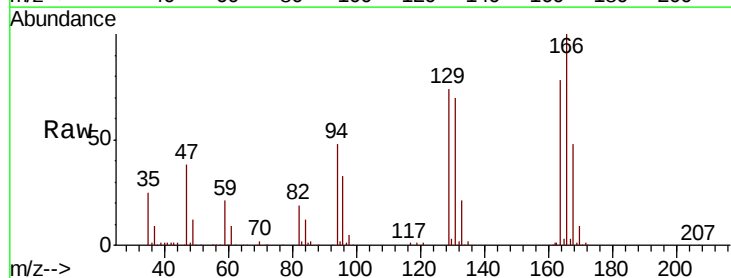
Instrument :
MSVOA_W
ClientSampleId :

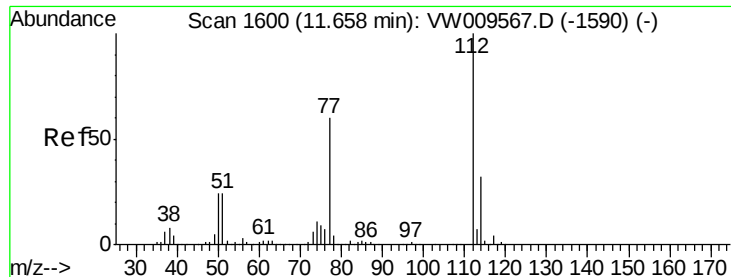
Tot Ion:117 Resp: 421448
Ion Ratio Lower Upper
117 100
82 56.4 43.6 65.4
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 19.978 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion:164 Resp: 57167
Ion Ratio Lower Upper
164 100
166 127.9 100.9 151.3
129 94.1 72.0 108.0
131 89.4 69.8 104.6

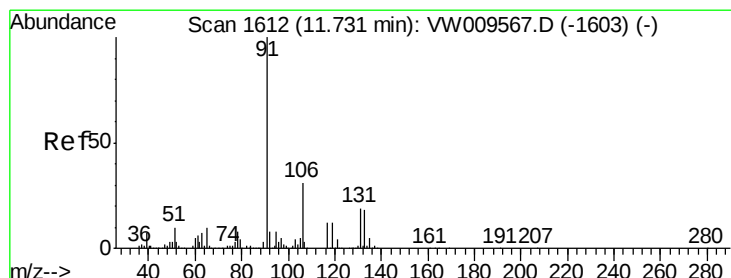
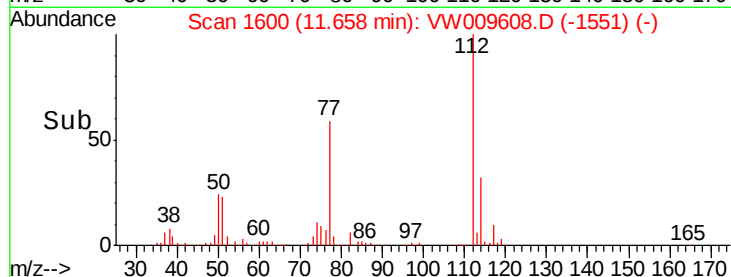
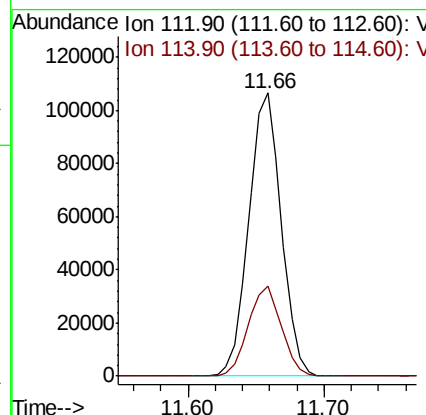
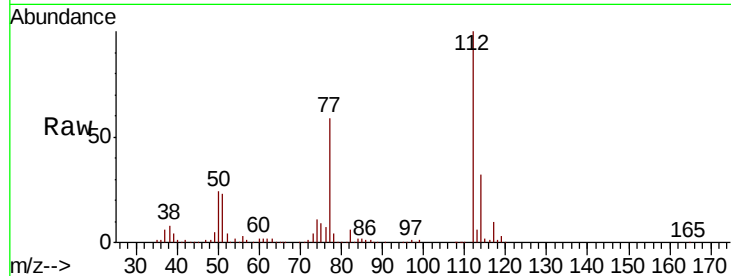




#65
Chlorobenzene
Concen: 20.035 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

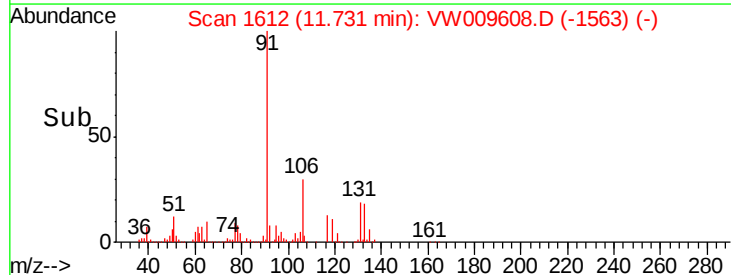
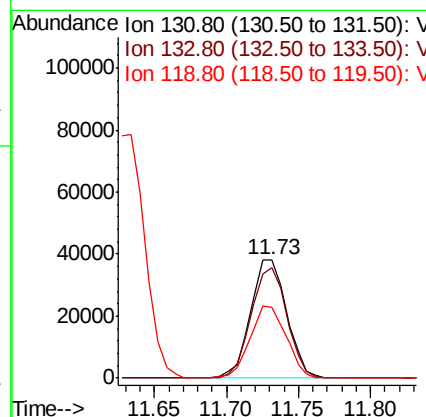
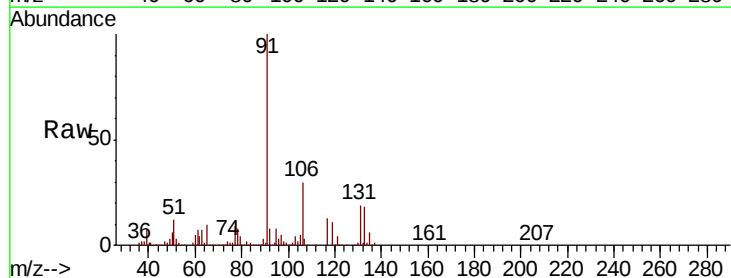
Instrument :
MSVOA_W
ClientSampled :

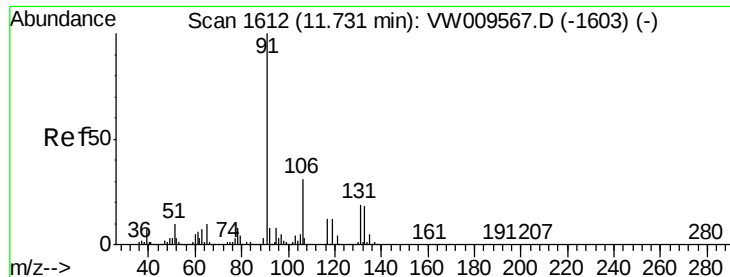
Tot Ion:112 Resp: 177837
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.405 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion:131 Resp: 65992
Ion Ratio Lower Upper
131 100
133 93.0 47.3 141.8
119 60.9 31.6 95.0

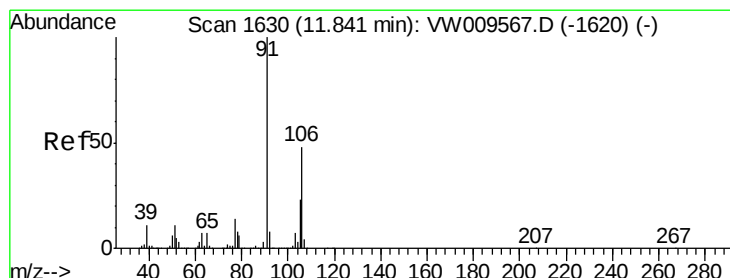
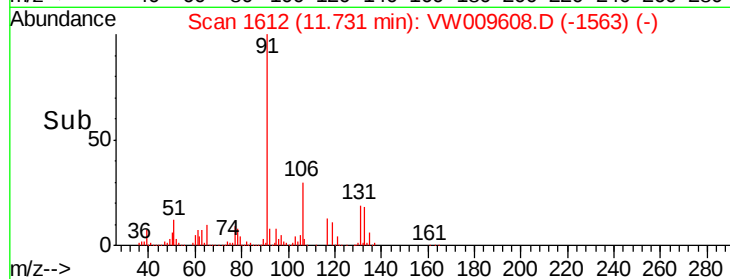
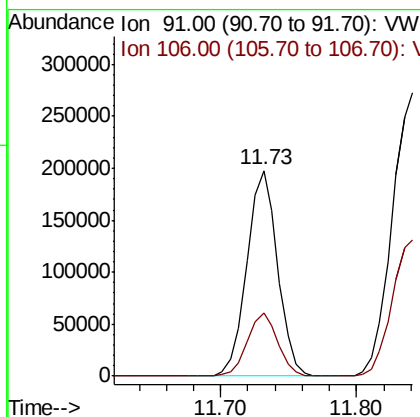
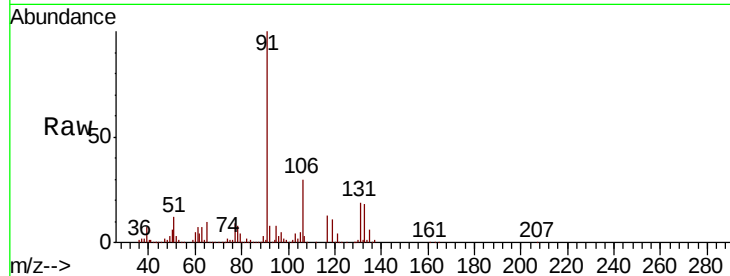




#67
Ethyl Benzene
Concen: 19.945 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

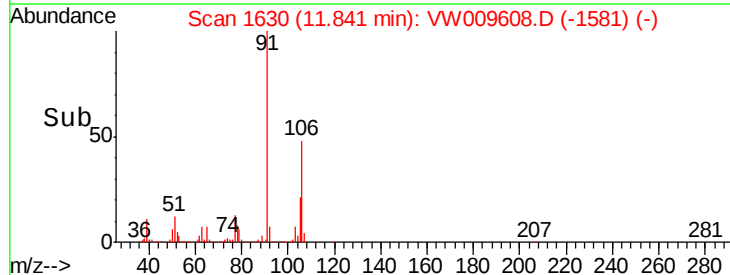
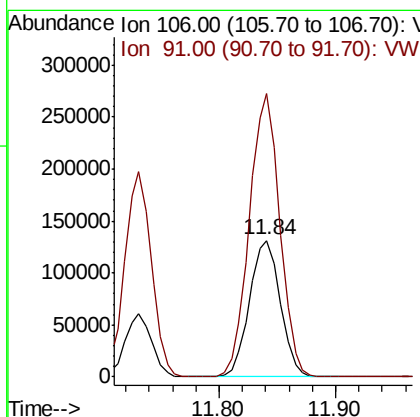
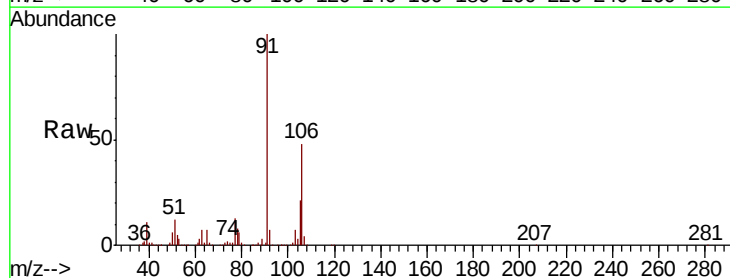
Instrument :
MSVOA_W
ClientSampled :

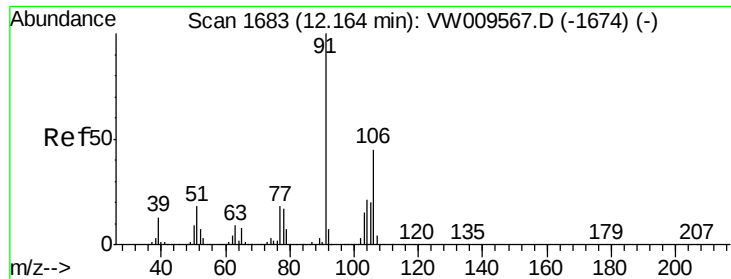
Tot Ion: 91 Resp: 311901
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 40.705 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 106 Resp: 241708
Ion Ratio Lower Upper
106 100
91 205.6 163.1 244.7

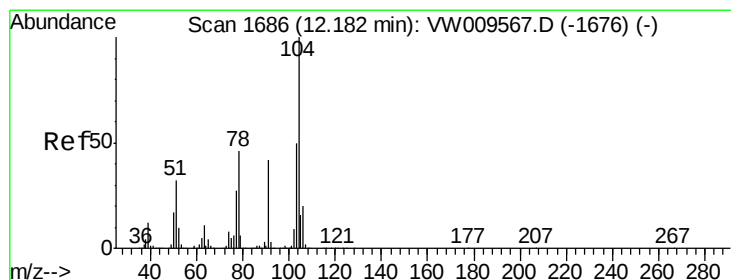
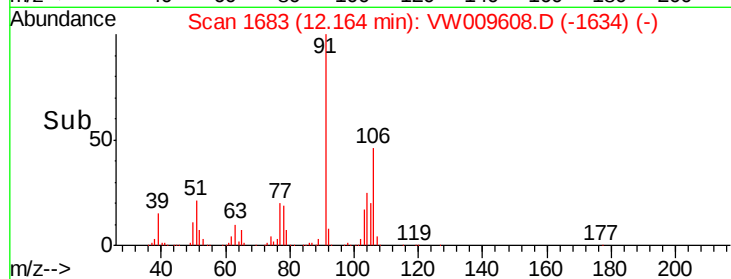
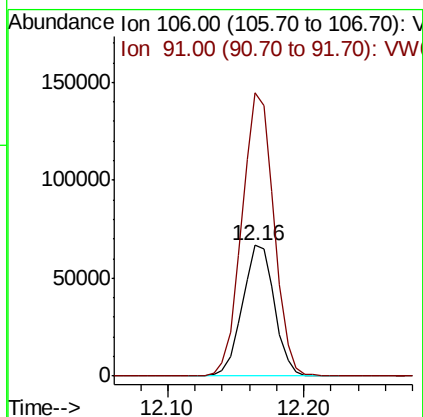
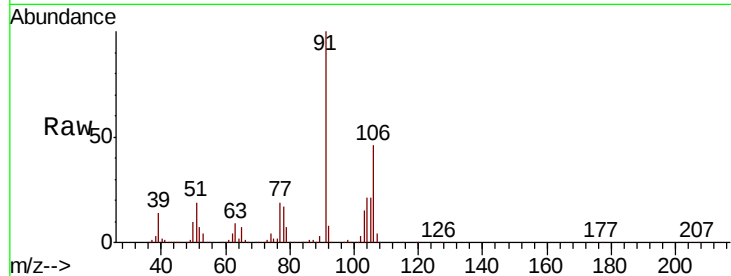




#69
o-Xylene
Concen: 19.902 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

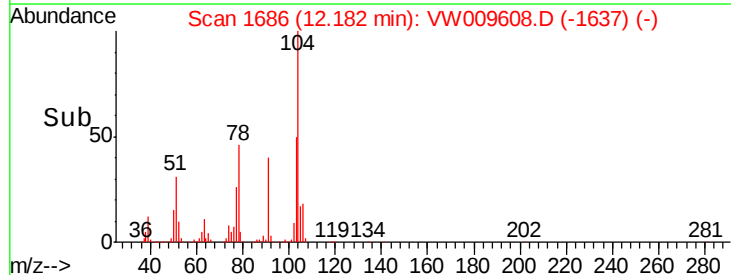
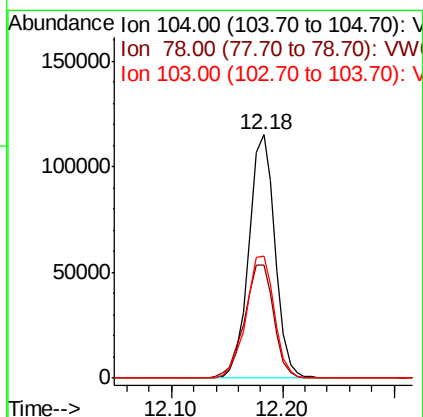
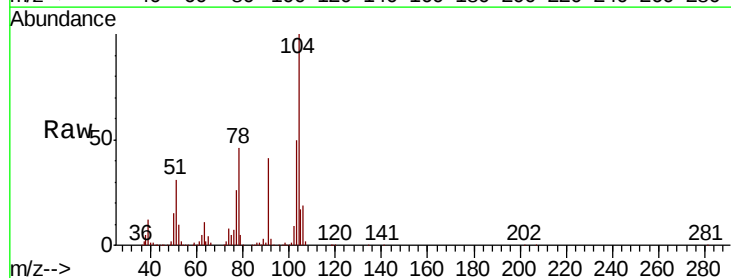
Instrument :
MSVOA_W
ClientSampleId :

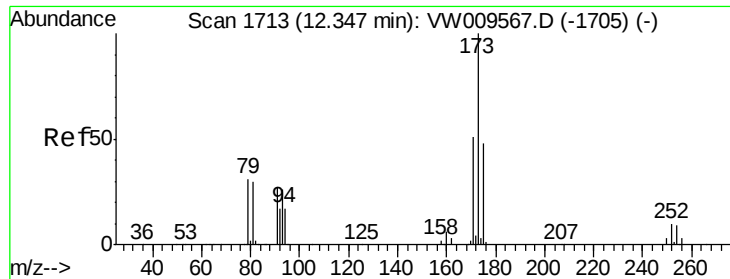
Tot Ion:106 Resp: 110052
Ion Ratio Lower Upper
106 100
91 216.2 108.6 325.8



#70
Styrene
Concen: 20.344 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion:104 Resp: 187906
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.4
103 54.5 44.6 66.8

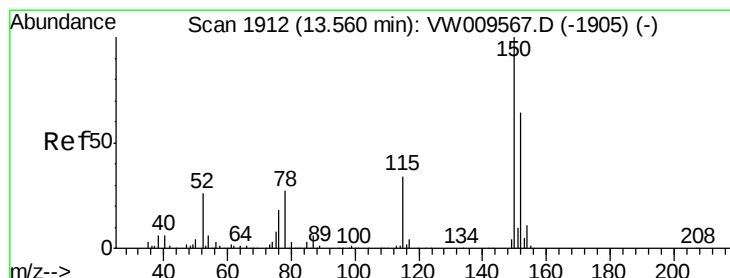
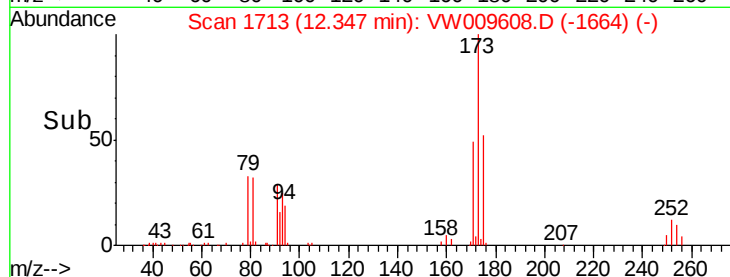
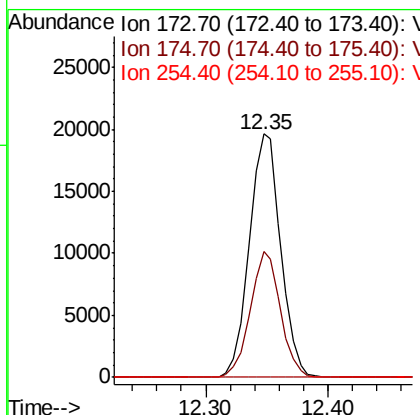
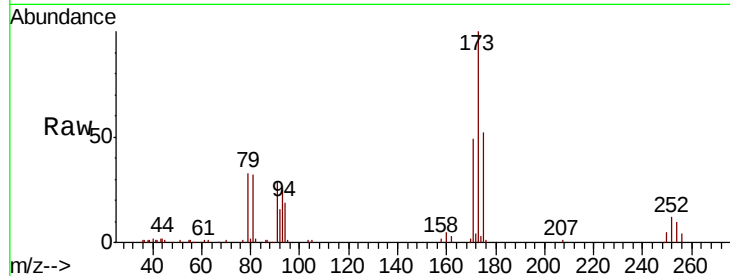




#71
Bromoform
Concen: 20.167 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

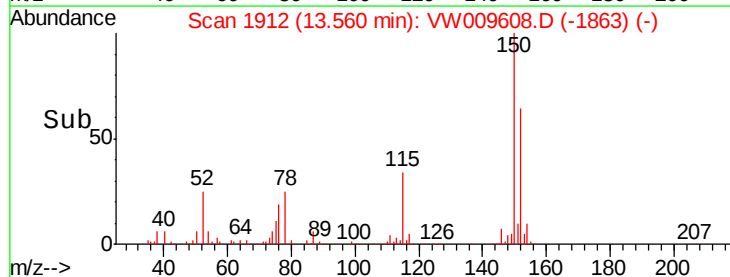
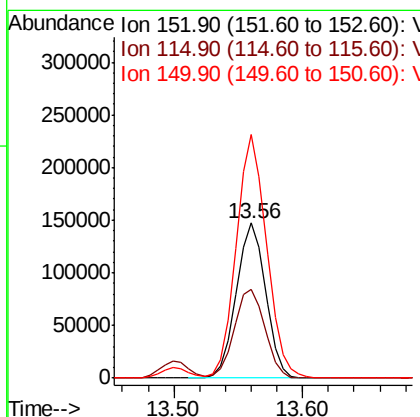
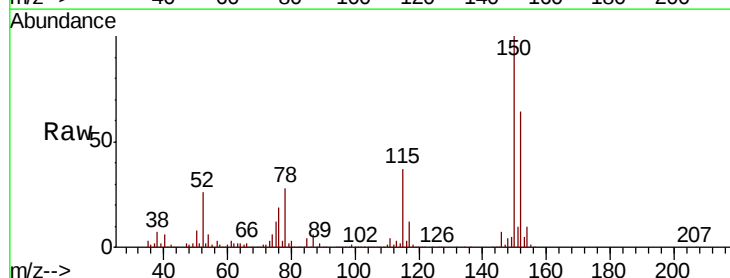
Instrument :
MSVOA_W
ClientSampled :

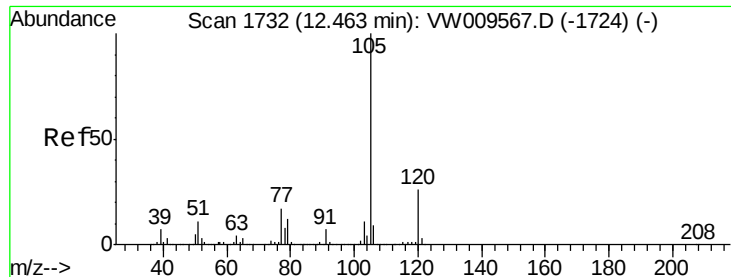
Tot Ion:173 Resp: 35099
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.4
254 0.0 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion:152 Resp: 233007
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 161.5 0.0 349.2





#73

Isopropylbenzene

Concen: 18.896 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

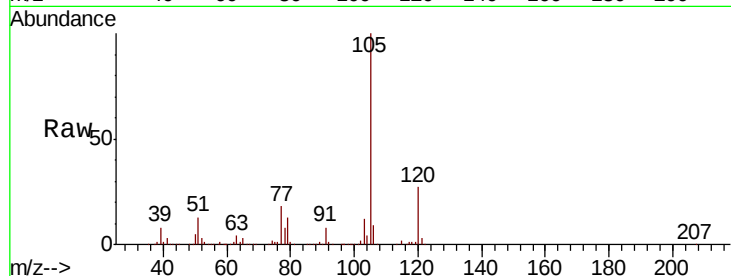
ClientSampleId :

Tot Ion:105 Resp: 306398

Ion Ratio Lower Upper

105 100

120 27.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

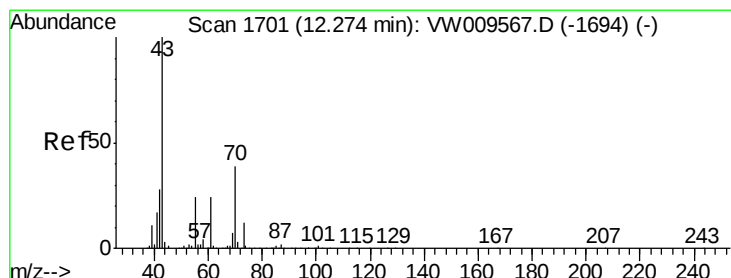
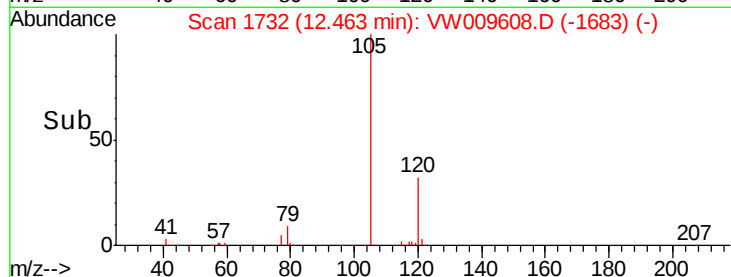
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 20.370 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Tgt Ion: 43 Resp: 87076

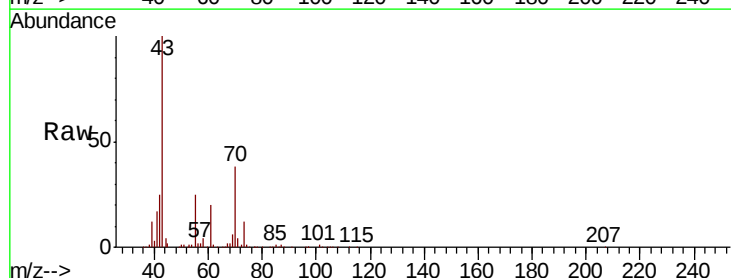
Ion Ratio Lower Upper

43 100

70 38.5 30.6 46.0

55 25.3 19.3 28.9

61 20.7 17.0 25.4



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

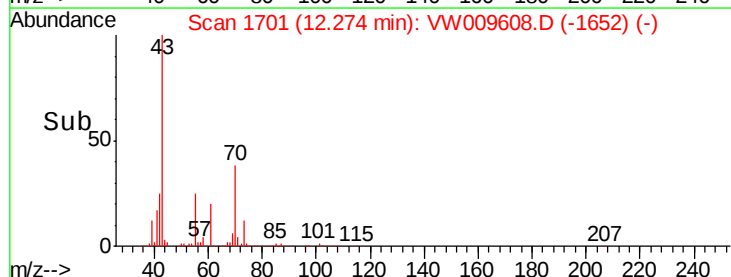
12.27

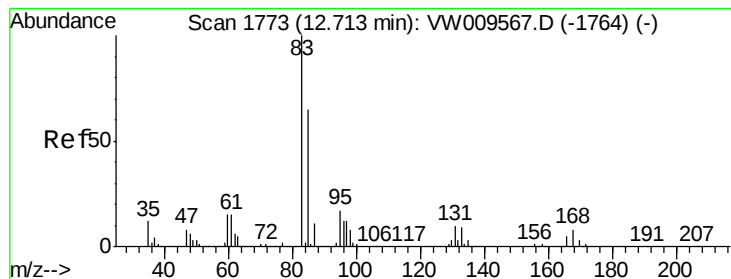
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.451 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

ClientSampled :

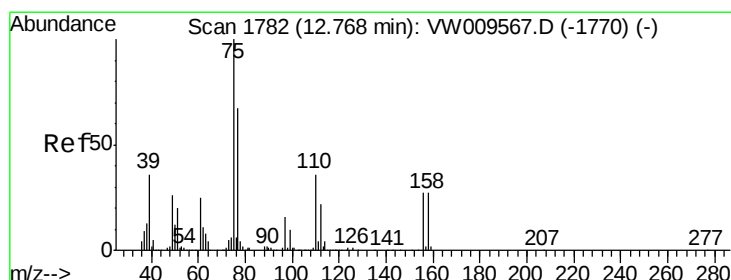
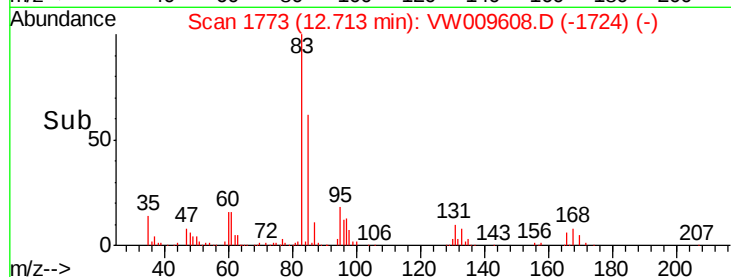
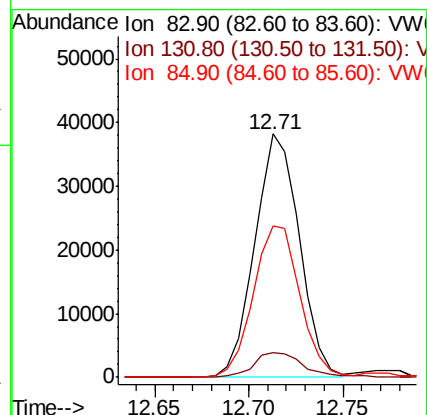
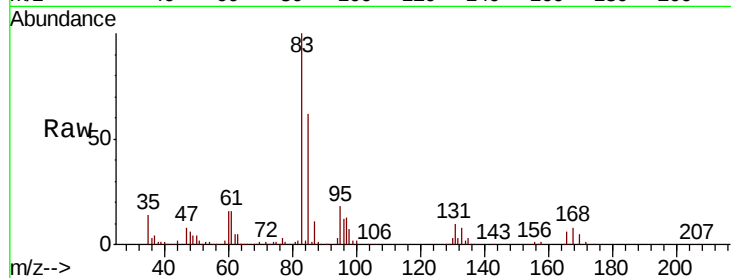
Tot Ion: 83 Resp: 62714

Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	16.1
85	65.2	32.6	97.8

83 100

131 11.3 5.3 16.1

85 65.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 38.880 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009608.D

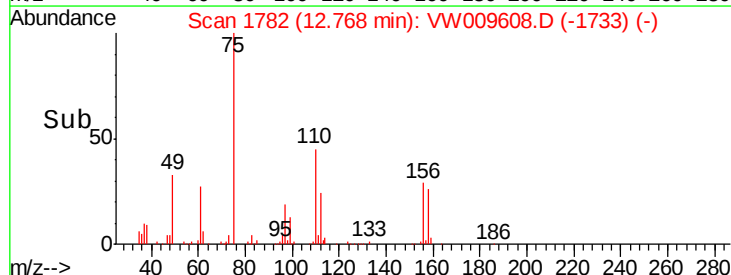
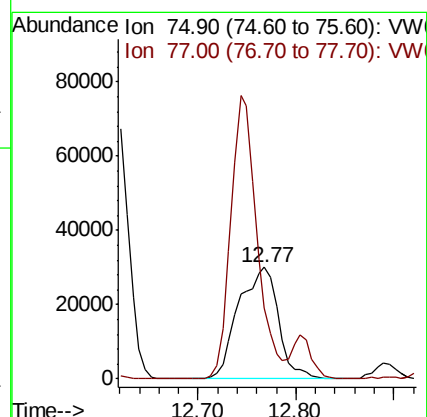
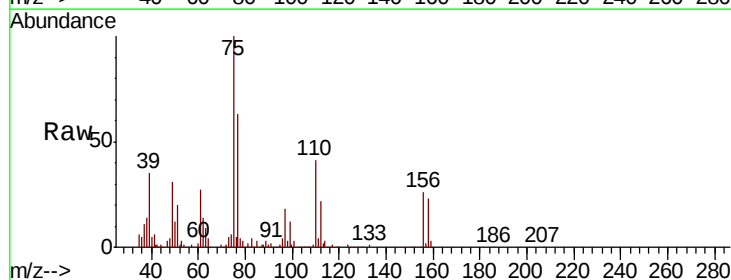
Acq: 31 Mar 2019 14:04

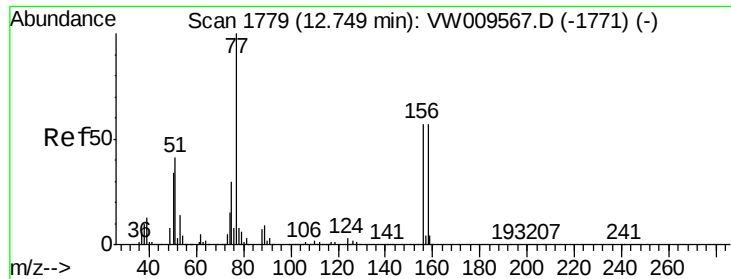
Tgt Ion: 75 Resp: 85192

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0

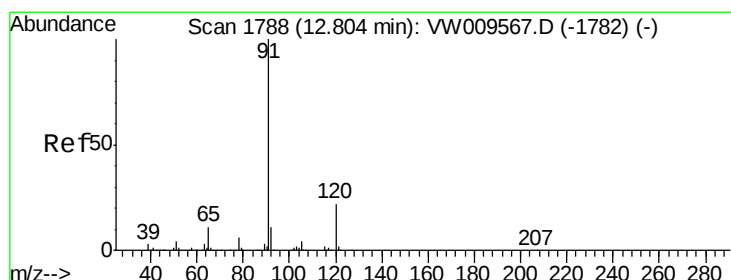
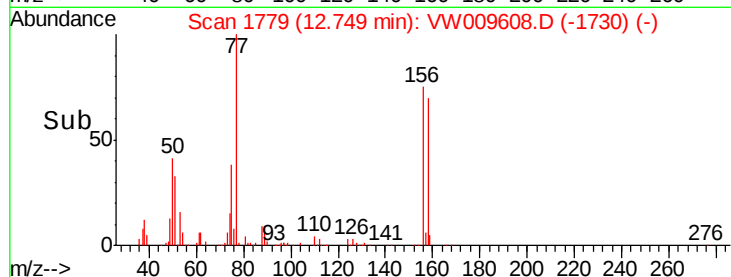
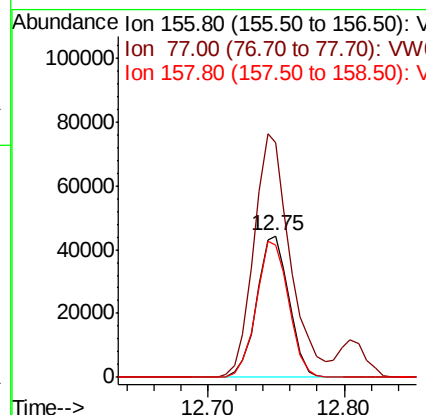
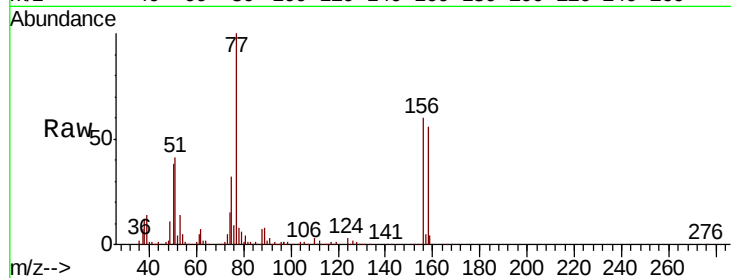




#77
Bromobenzene
Concen: 19.685 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

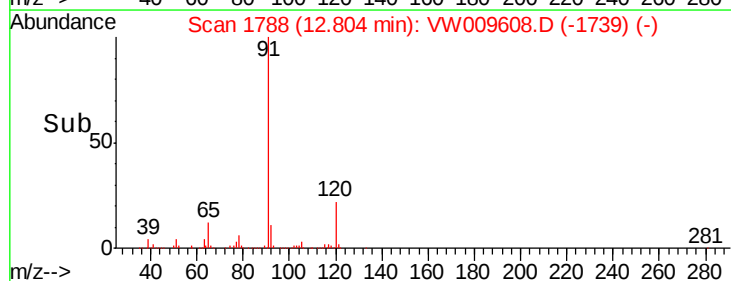
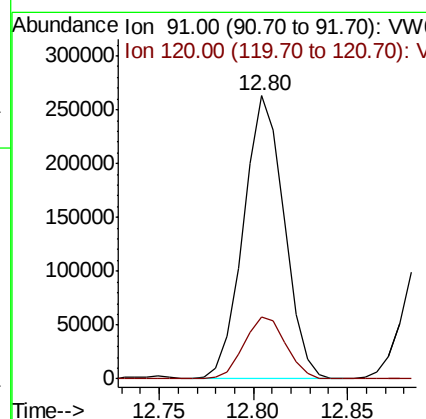
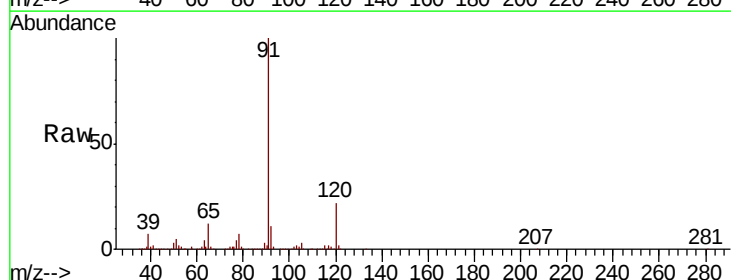
Instrument :
MSVOA_W
ClientSampled :

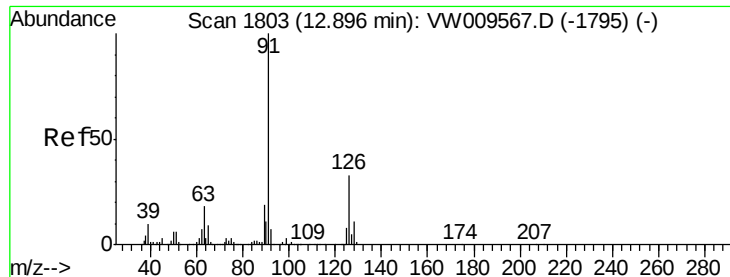
Tot Ion:156 Resp: 73506
Ion Ratio Lower Upper
156 100
77 193.6 96.0 288.0
158 96.6 49.1 147.3



#78
n-propylbenzene
Concen: 19.643 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 91 Resp: 392766
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.3

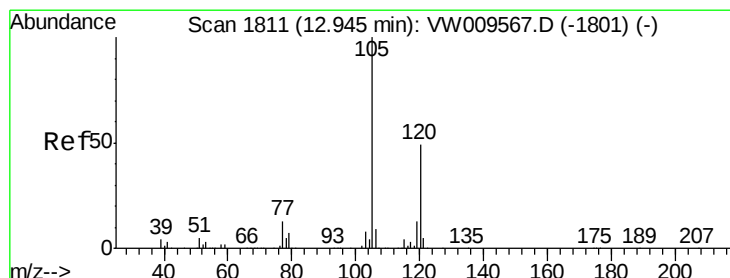
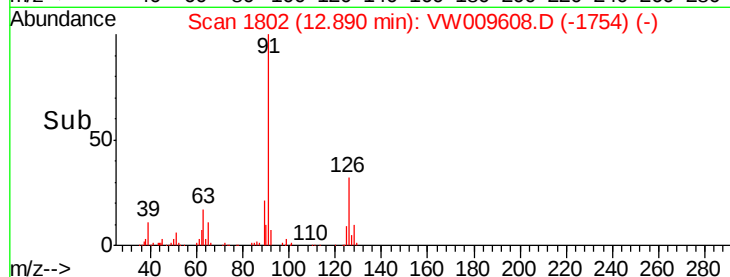
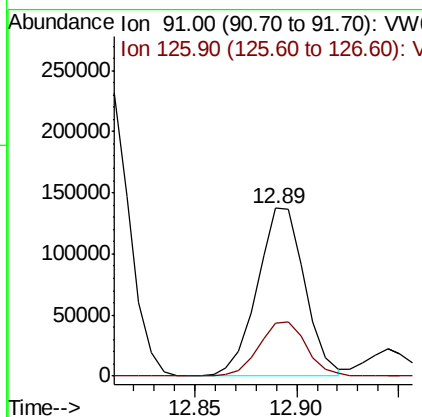
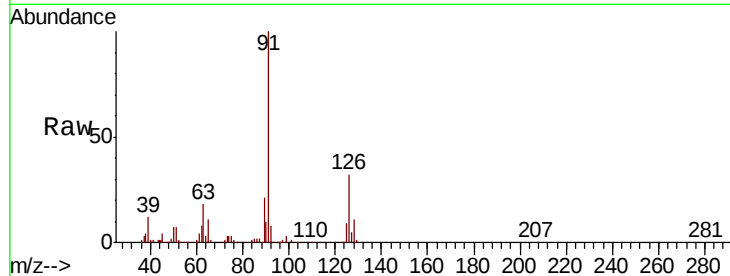




#79
2-Chlorotoluene
Concen: 19.470 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

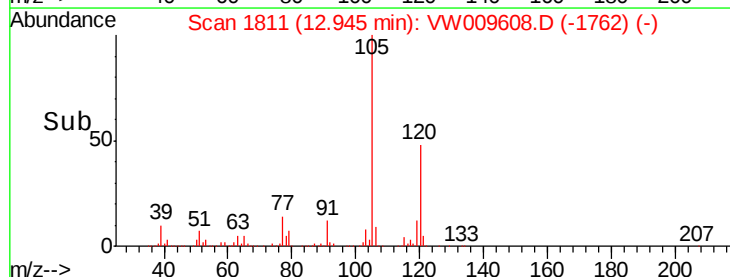
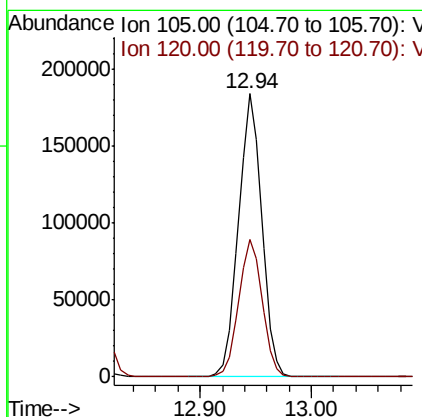
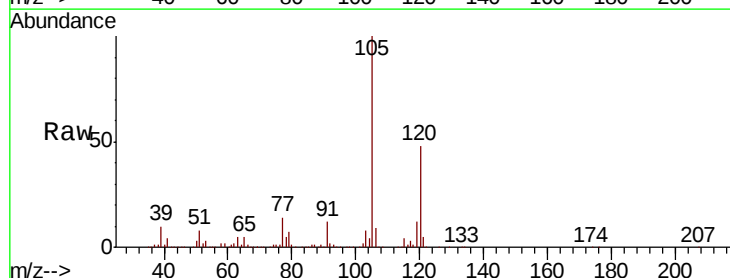
Instrument :
MSVOA_W
ClientSampled :

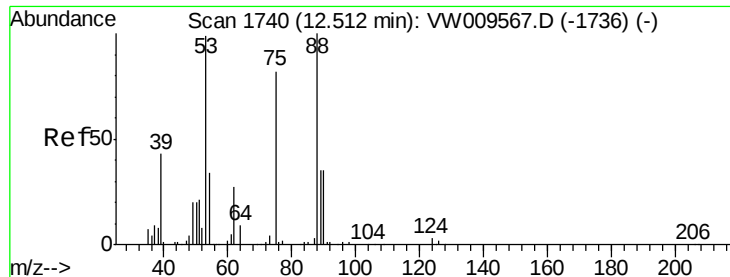
Tot Ion: 91 Resp: 221246
Ion Ratio Lower Upper
91 100
126 32.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.499 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 105 Resp: 266273
Ion Ratio Lower Upper
105 100
120 49.3 24.6 74.0

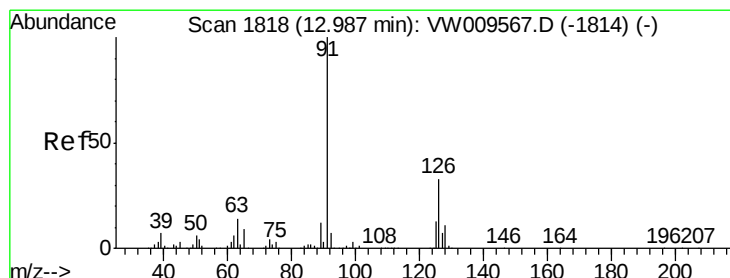
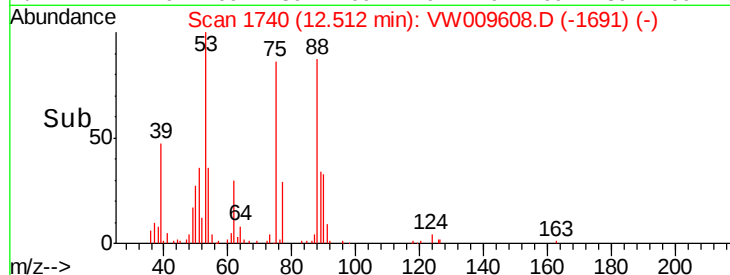
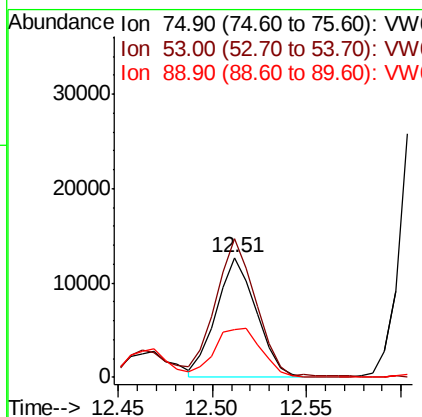
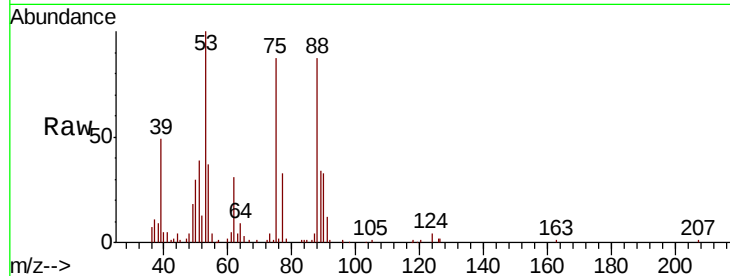




#81
trans-1,4-Dichloro-2-butene
Concen: 19.947 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

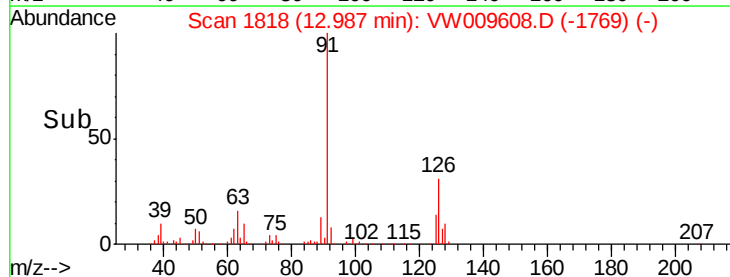
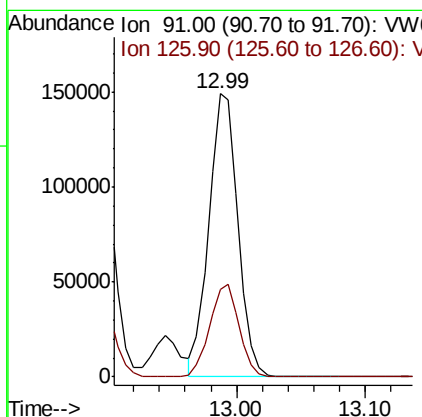
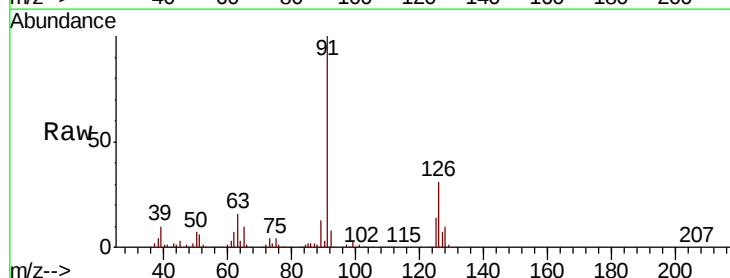
Instrument :
MSVOA_W
ClientSampled :

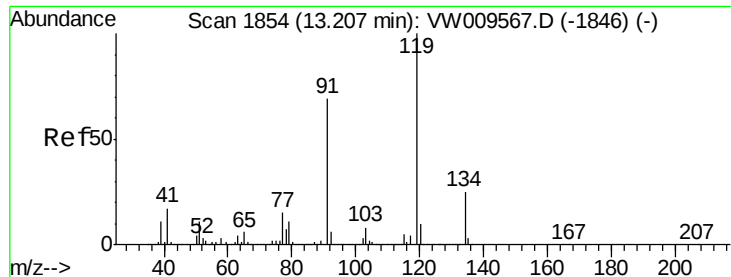
Tot Ion: 75 Resp: 18795
Ion Ratio Lower Upper
75 100
53 115.6 86.7 130.1
89 47.6 36.4 54.6



#82
4-Chlorotoluene
Concen: 19.640 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion: 91 Resp: 234877
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.6

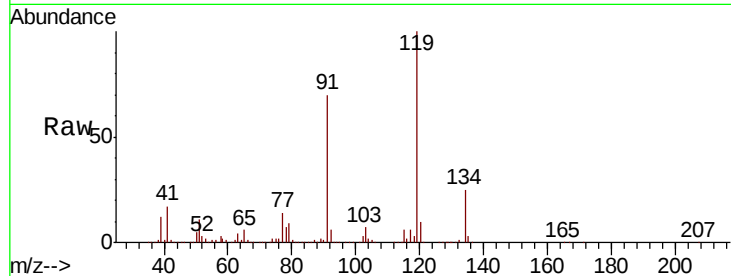




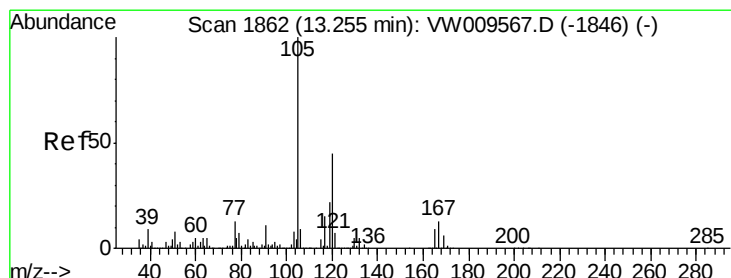
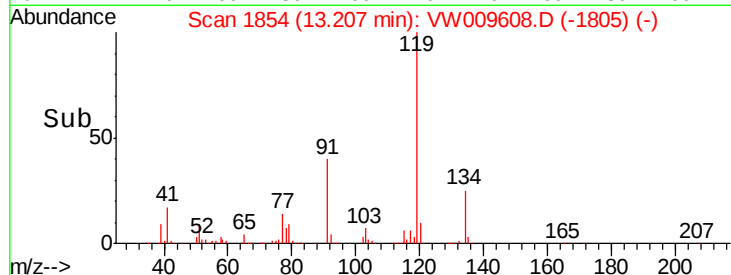
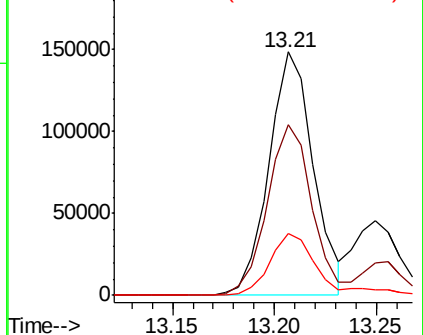
#83
tert-Butylbenzene
Concen: 19.477 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 226418
Ion Ratio Lower Upper
119 100
91 70.9 34.4 103.2
134 25.4 12.7 38.1

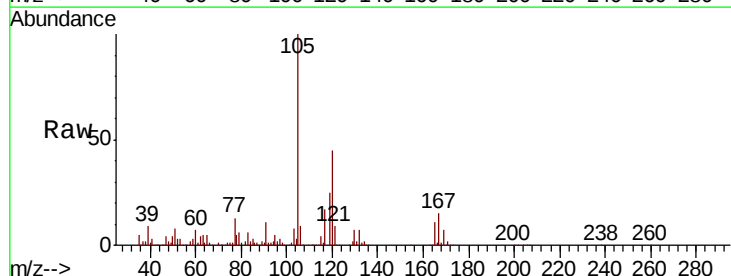


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

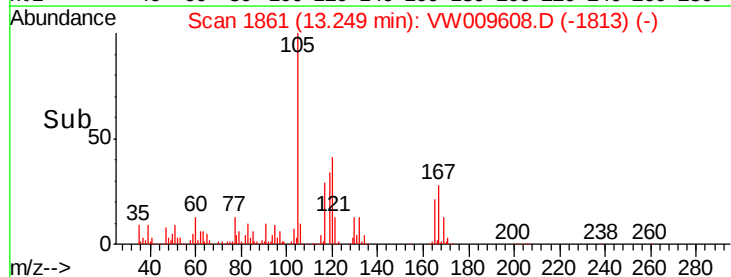
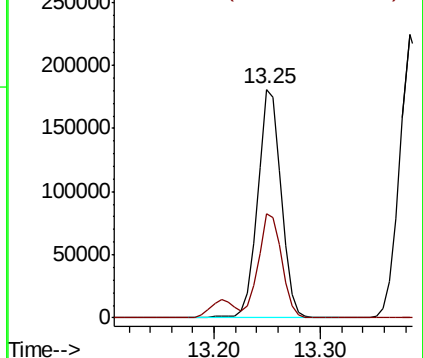


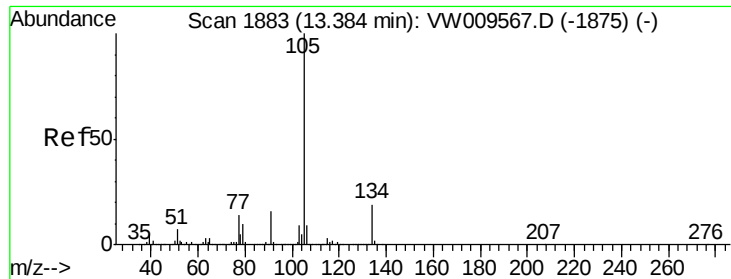
#84
1,2,4-Trimethylbenzene
Concen: 19.934 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion:105 Resp: 279843
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.3



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





#85

sec-Butylbenzene

Concen: 19.460 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

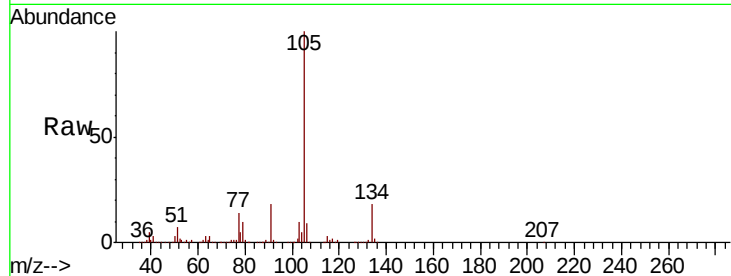
ClientSampleId :

Tot Ion:105 Resp: 341290

Ion Ratio Lower Upper

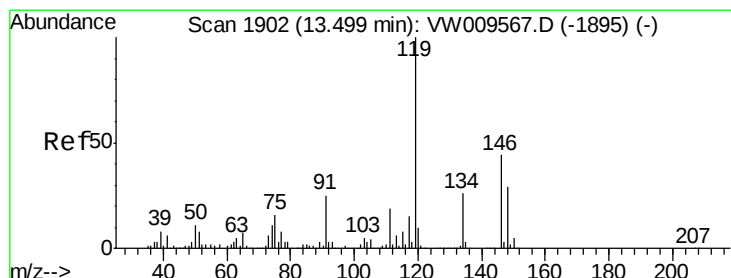
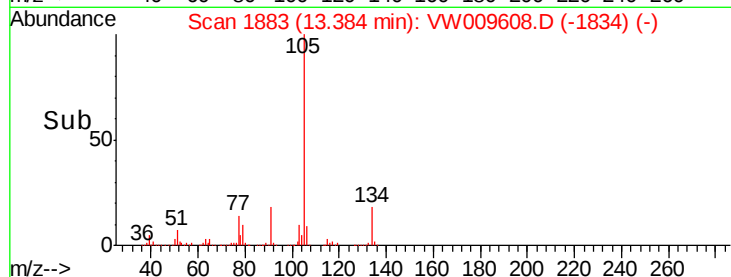
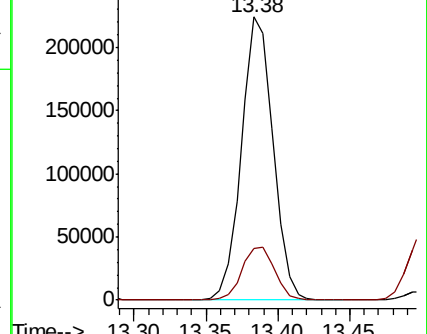
105 100

134 19.4 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.580 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

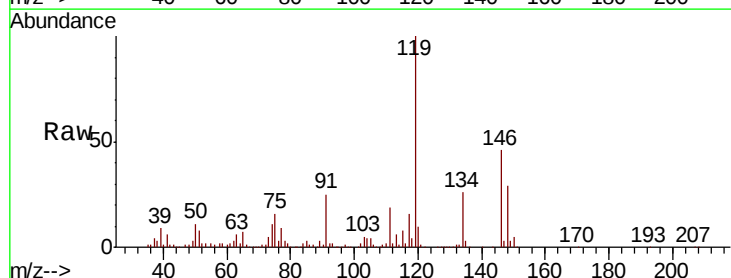
Tgt Ion:119 Resp: 298683

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

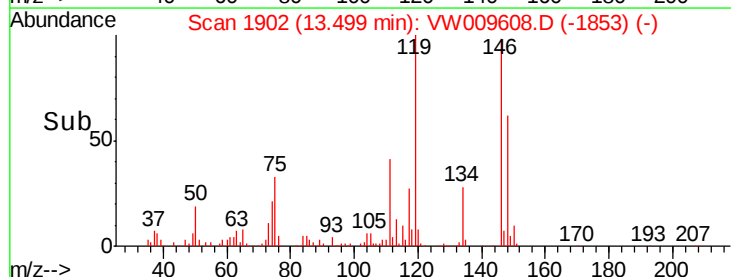
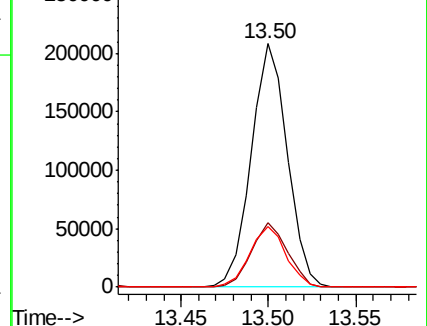
91 25.1 12.3 36.8

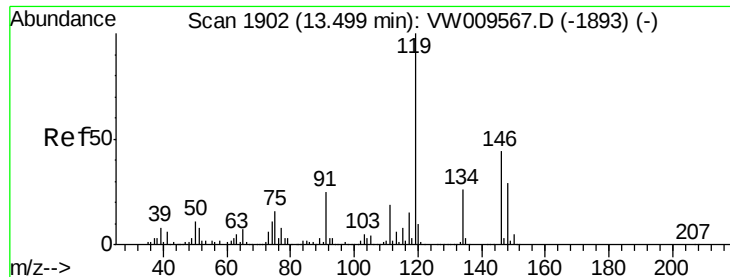


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

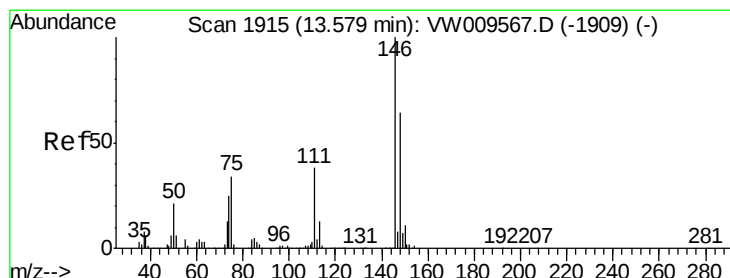
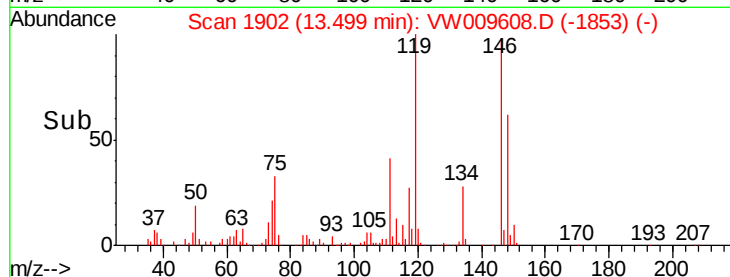
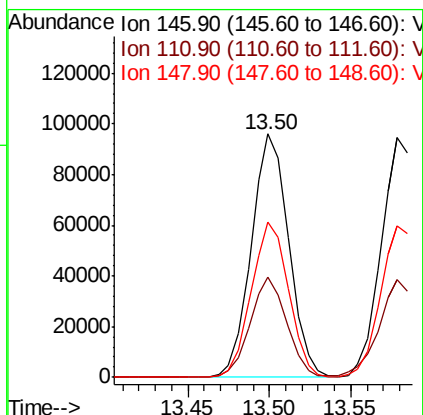
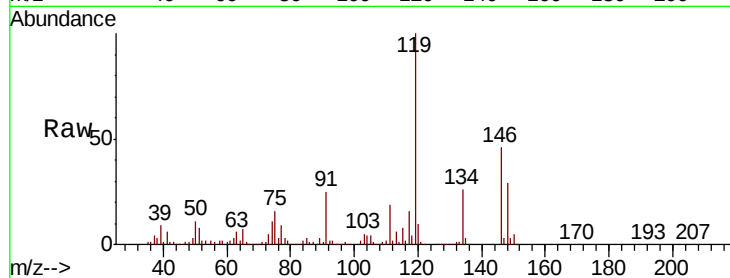




#87
 1,3-Dichlorobenzene
 Concen: 19.846 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

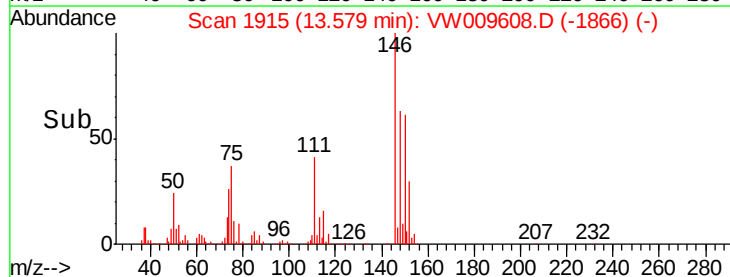
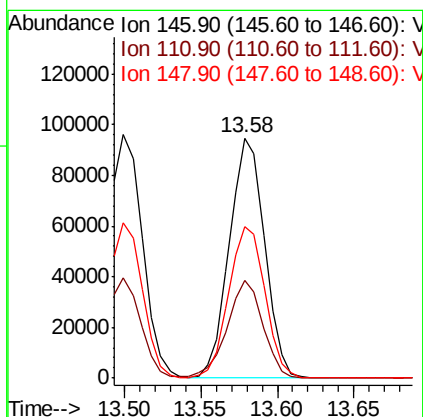
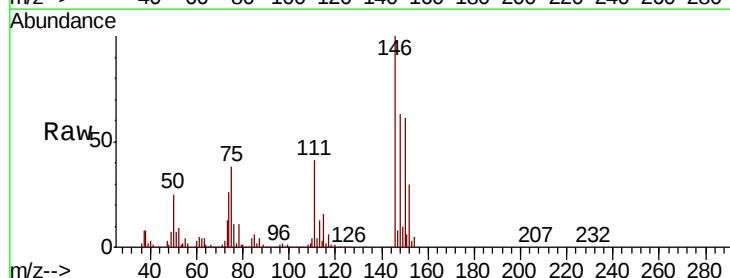
Instrument :
 MSVOA_W
 ClientSampleId :

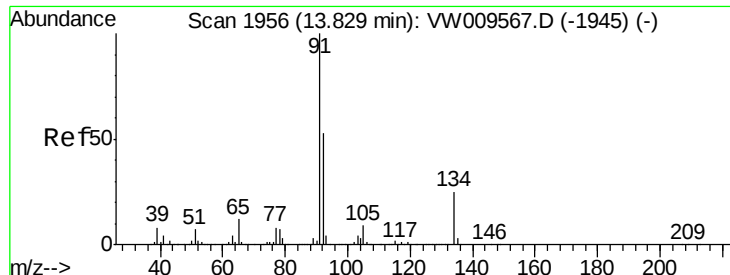
Tot Ion:146 Resp: 153017
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.1 60.2
 148 63.4 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 19.731 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

Tgt Ion:146 Resp: 151952
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.9 59.6
 148 64.7 32.2 96.6





#89

n-Butylbenzene

Concen: 19.413 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

ClientSampled :

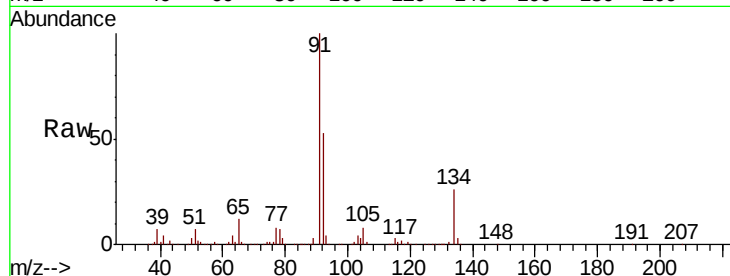
Tot Ion: 91 Resp: 292298

Ion Ratio Lower Upper

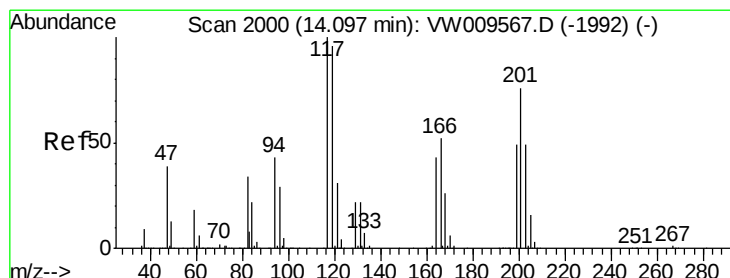
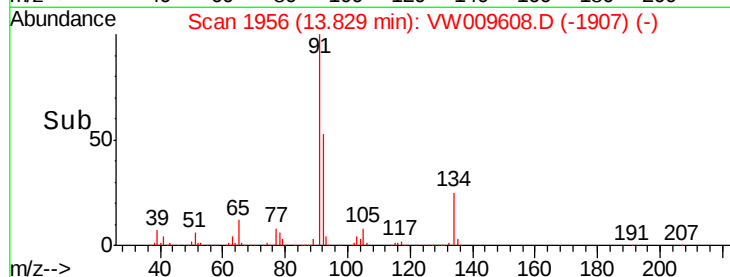
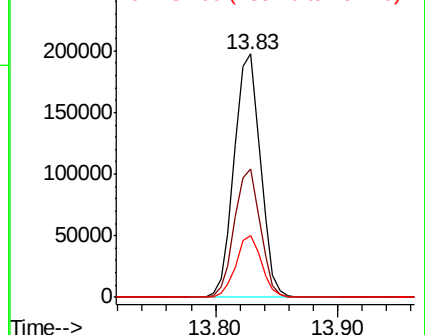
91 100

92 52.2 26.4 79.0

134 24.7 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.506 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009608.D

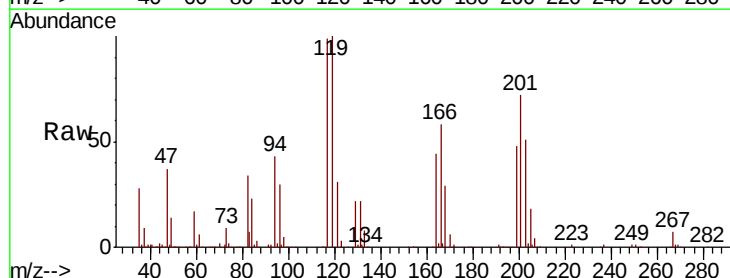
Acq: 31 Mar 2019 14:04

Tgt Ion: 117 Resp: 56978

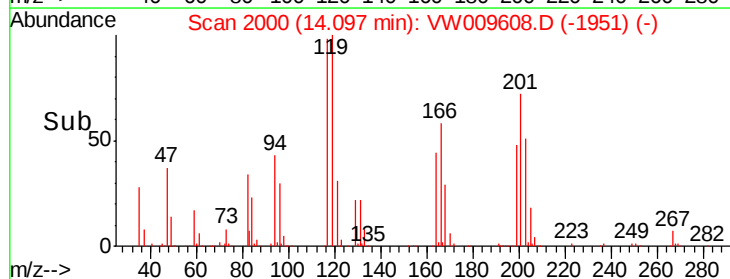
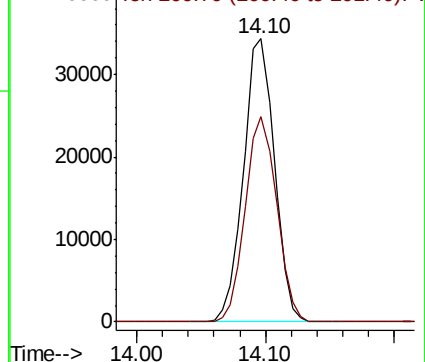
Ion Ratio Lower Upper

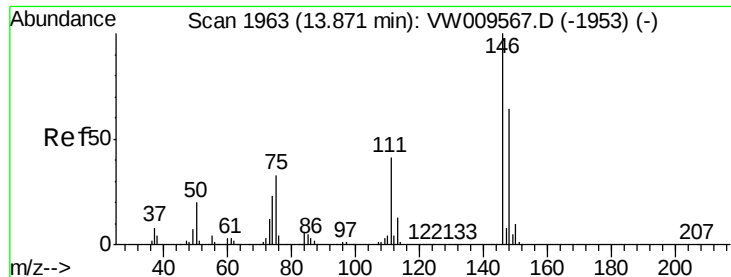
117 100

201 73.8 38.2 114.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.736 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

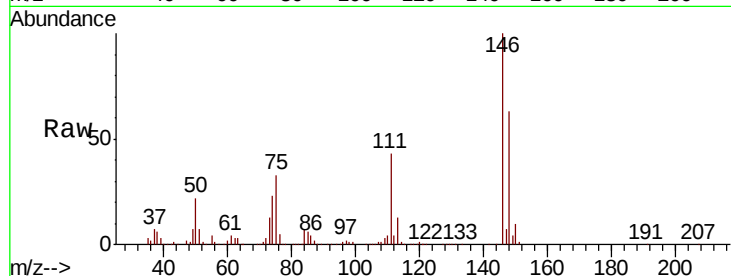
Tot Ion:146 Resp: 136071

Ion Ratio Lower Upper

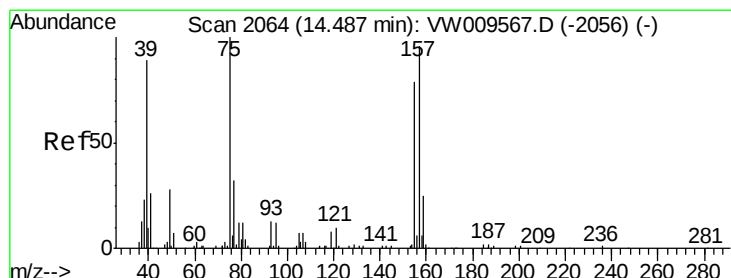
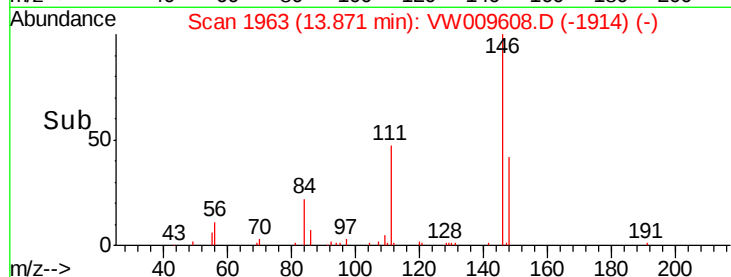
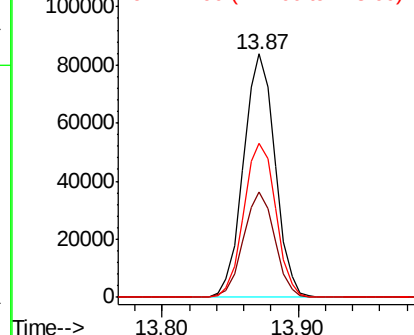
146 100

111 42.8 20.4 61.2

148 64.3 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.289 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW009608.D

Acq: 31 Mar 2019 14:04

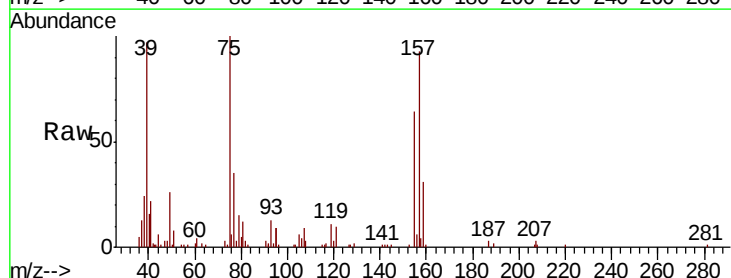
Tgt Ion: 75 Resp: 11358

Ion Ratio Lower Upper

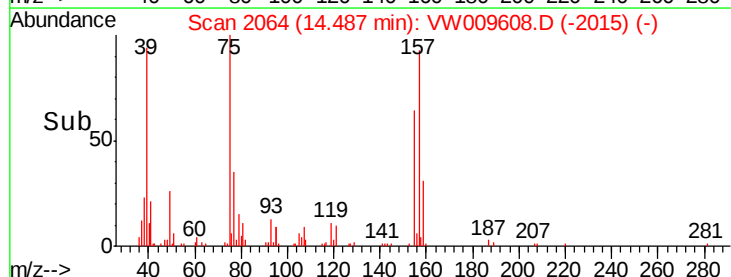
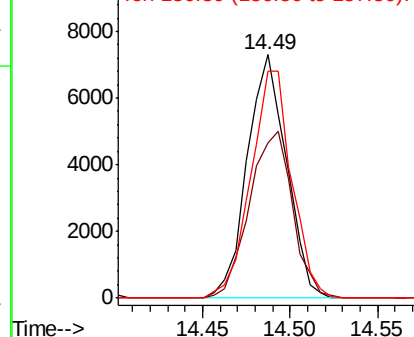
75 100

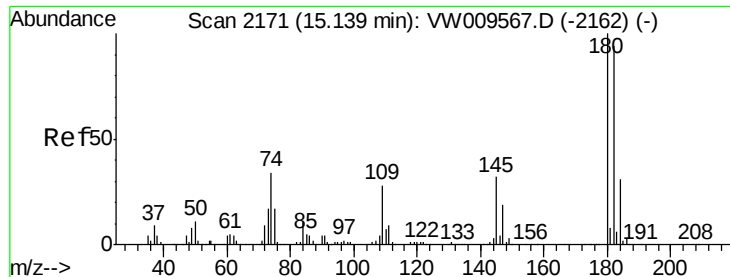
155 75.5 39.3 117.8

157 97.6 49.5 148.5



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

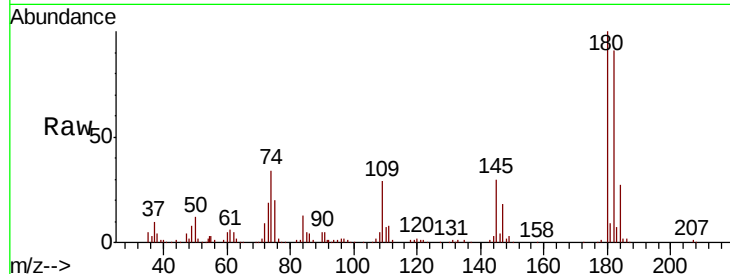




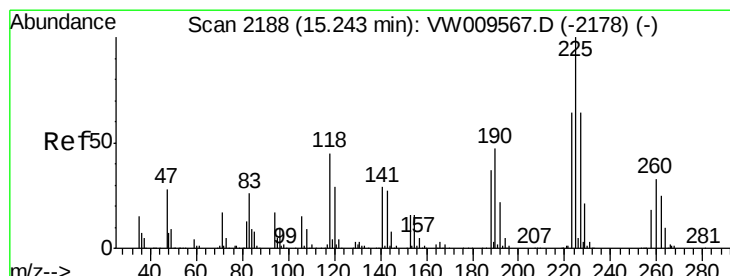
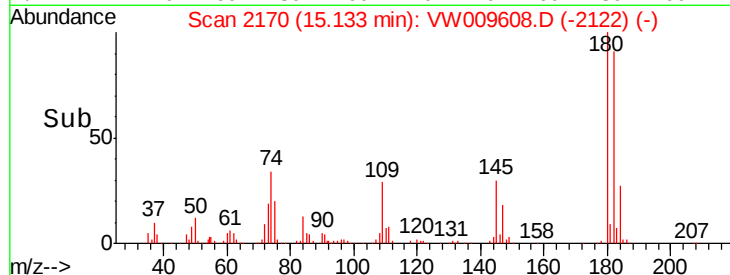
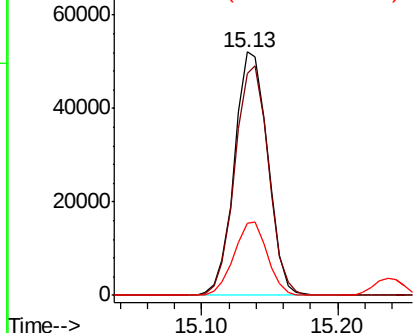
#93
 1,2,4-Trichlorobenzene
 Concen: 20.063 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.7
145	30.1	15.0	45.0

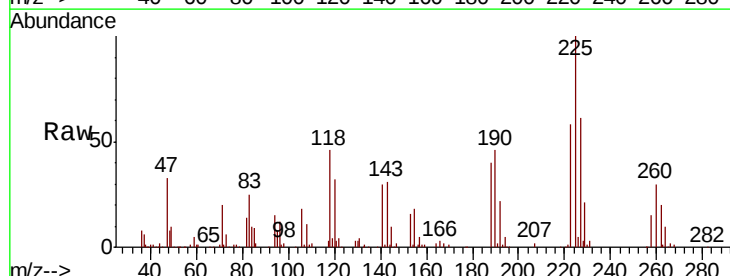


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

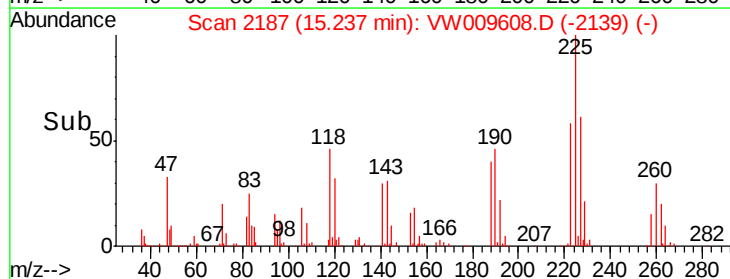
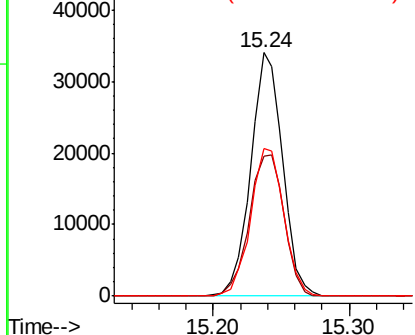


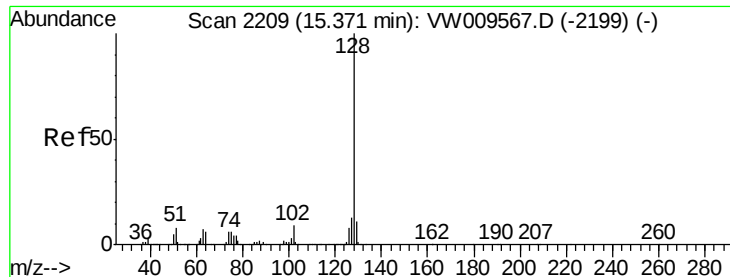
#94
 Hexachlorobutadiene
 Concen: 19.616 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW009608.D
 Acq: 31 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.4	94.3
227	63.3	32.1	96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

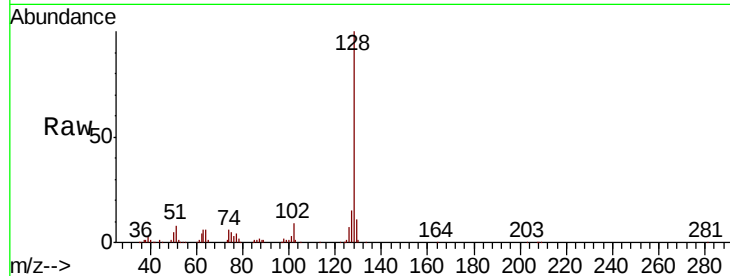




#95
Naphthalene
Concen: 19.060 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.8	16.2
129	11.7	8.7	13.1

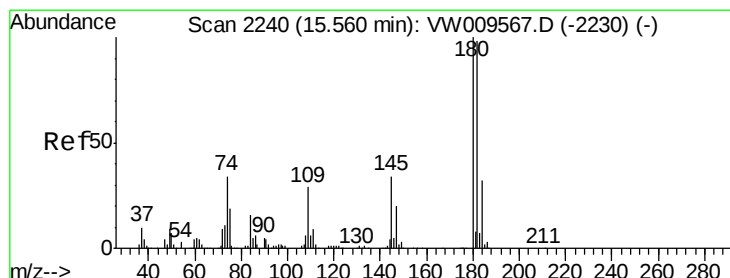
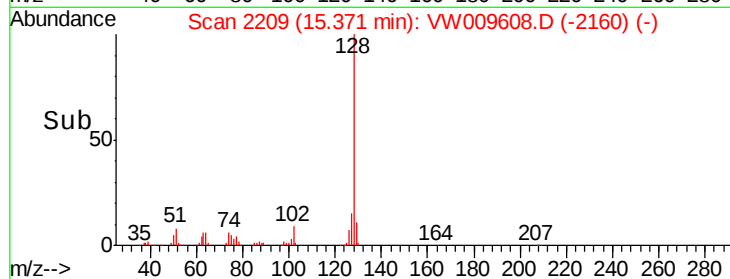
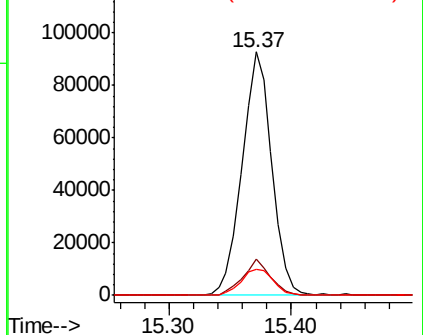


Abundance

Ion 128.00 (127.70 to 128.70): V

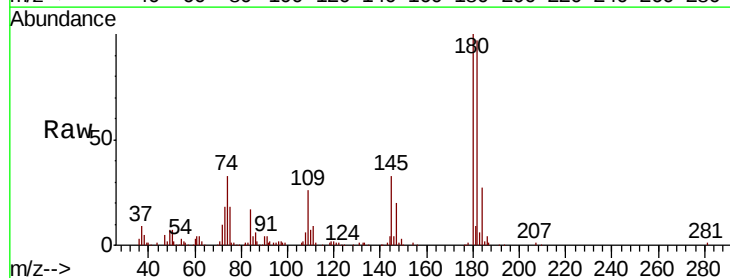
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.803 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009608.D
Acq: 31 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.9
145	33.1	16.0	48.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

