

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
 Data File : VF060366.D
 Acq On : 26 Sep 2018 21:54
 Operator : VA/AP
 Sample : J4773-11
 Misc : 11.98/5mL/MSVOA F/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-092518-A

Quant Time: Sep 27 03:08:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	6771	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	6860	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	2592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	67	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	1707	18.72	ug/l	0.00
Spiked Amount				50.000		
Recovery						37.44%
35) Dibromofluoromethane	4.27	113	2503	40.93	ug/l	-0.02
Spiked Amount				50.000		
Recovery						81.86%
50) Toluene-d8	7.69	98	5316	33.38	ug/l	-0.02
Spiked Amount				50.000		
Recovery						66.76%
62) 4-Bromofluorobenzene	11.51	95	654	9.50	ug/l	0.00
Spiked Amount				50.000		
Recovery						19.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.03	85	73	Below Cal	#	40
3) Chloromethane	1.12	50	132	1.431	ug/l #	42
4) Vinyl Chloride	1.12	62	143	1.521	ug/l #	43
5) Bromomethane	1.36	94	187	Below Cal	#	71
6) Chloroethane	1.34	64	72	1.608	ug/l #	42
8) Diethyl Ether	1.55	74	141	4.838	ug/l	91
11) Tert butyl alcohol	2.77	59	83	Below Cal	#	1
12) 1,1-Dichloroethene	1.84	96	83	1.077	ug/l #	1
13) Acrolein	1.96	56	157	17.084	ug/l	99
14) Allyl chloride	2.21	41	1519	11.297	ug/l #	52
15) Acrylonitrile	3.11	53	154	11.959	ug/l #	75
16) Acetone	2.34	43	428	16.669	ug/l #	59
17) Carbon Disulfide	1.93	76	60	Below Cal	#	70
18) Methyl Acetate	2.44	43	509	11.900	ug/l #	21
20) Methylene Chloride	2.28	84	135	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.34	96	231	2.903	ug/l #	1
22) Diisopropyl ether	2.88	45	372	1.466	ug/l #	6
23) Vinyl Acetate	3.27	43	665	6.674	ug/l #	79
25) 2-Butanone	4.52	43	840	24.305	ug/l #	56
27) cis-1,2-Dichloroethene	3.62	96	128	1.224	ug/l	45
29) Tetrahydrofuran	4.22	42	384	30.341	ug/l #	47
31) Cyclohexane	3.80	56	407	2.929	ug/l #	15
37) Ethyl Acetate	4.25	43	698	19.278	ug/l #	1
39) Methylcyclohexane	5.62	83	223	2.405	ug/l #	66
41) Methacrylonitrile	4.92	41	401	20.411	ug/l #	74
42) 1,2-Dichloroethane	5.09	62	158	2.212	ug/l	79
43) Isopropyl Acetate	7.08	43	692	15.876	ug/l #	48
45) 1,2-Dichloropropane	6.40	63	88	1.752	ug/l #	42
46) Dibromomethane	6.14	93	70	1.950	ug/l #	47
48) Methyl methacrylate	6.82	41	444	14.511	ug/l #	38
49) 1,4-Dioxane	6.84	88	76	278.027	ug/l #	1
51) 4-Methyl-2-Pentanone	8.42	43	513	15.270	ug/l #	35
52) Toluene	7.75	92	148	1.206	ug/l #	1
53) t-1,3-Dichloropropene	8.43	75	76	1.092	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

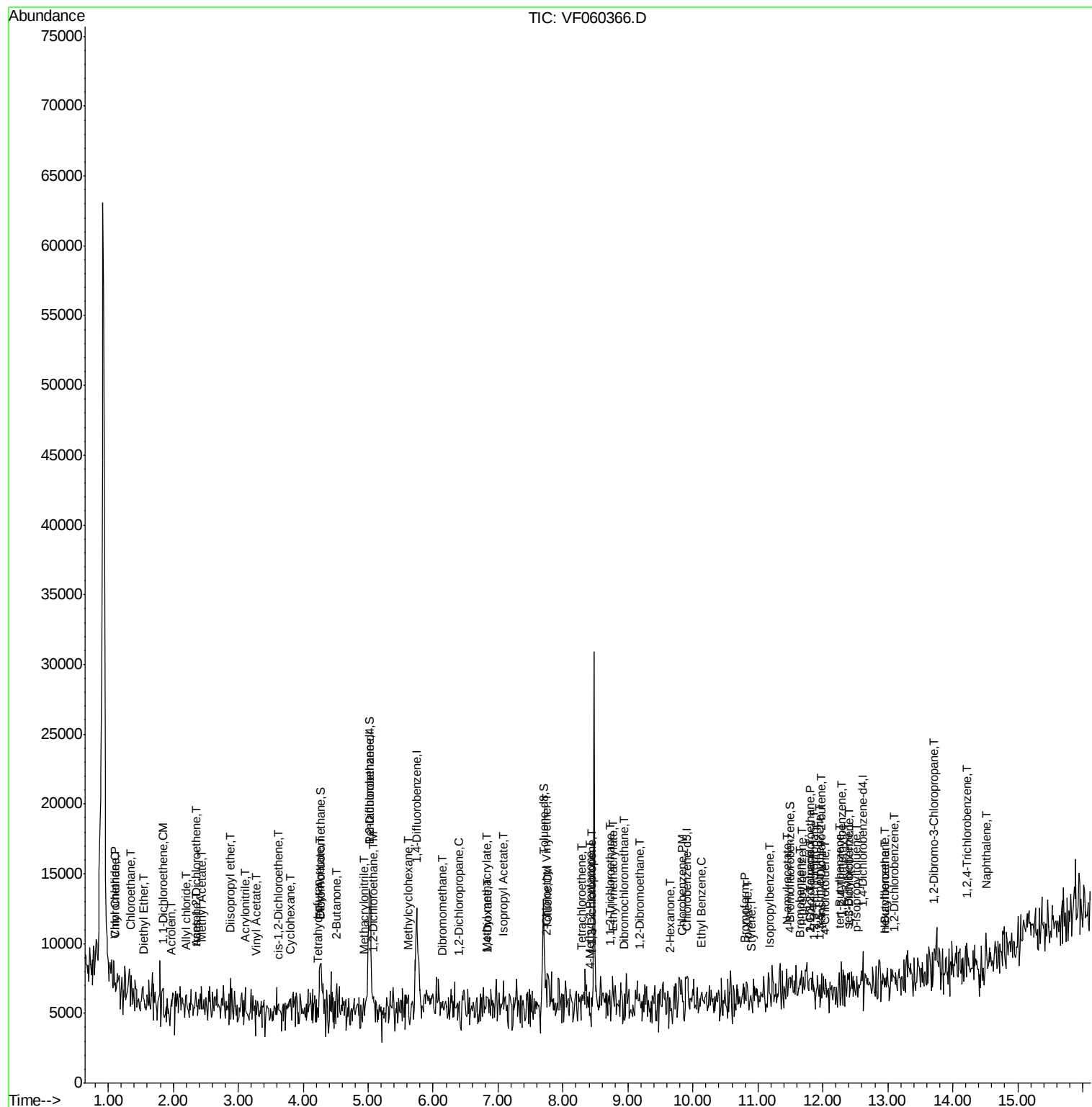
55) 1,1,2-Trichloroethane	8.74	97	65	1.745	ug/l #	17
56) Ethyl methacrylate	8.75	69	244	5.423	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.74	63	223	56.065	ug/l	100
59) 2-Hexanone	9.64	43	1170	48.914	ug/l #	26
60) Dibromochloromethane	8.94	129	71	1.279	ug/l #	13
61) 1,2-Dibromoethane	9.19	107	60	1.446	ug/l #	4
64) Tetrachloroethene	8.29	164	72	3.064	ug/l #	23
65) Chlorobenzene	9.82	112	73	1.243	ug/l #	41
67) Ethyl Benzene	10.13	91	264	2.431	ug/l #	46
69) o-Xylene	10.84	106	132	3.136	ug/l #	4
70) Styrene	10.90	104	72	1.213	ug/l #	31
71) Bromoform	10.81	173	60	4.481	ug/l #	31
73) Isopropylbenzene	11.19	105	140	23.276	ug/l #	51
74) N-amyl acetate	11.46	43	468	364.879	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.82	83	69	64.731	ug/l #	15
76) 1,2,3-Trichloropropane	11.86	75	65	85.164	ug/l #	1
77) Bromobenzene	11.63	156	60	46.287	ug/l #	1
78) n-propylbenzene	11.67	91	60	2.131	ug/l #	57
79) 2-Chlorotoluene	11.81	91	79	19.471	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.96	105	61	12.599	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.98	75	156	386.761	ug/l #	20
82) 4-Chlorotoluene	12.03	91	59	14.468	ug/l #	43
83) tert-Butylbenzene	12.26	119	60	12.225	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.28	105	83	16.882	ug/l #	31
85) sec-Butylbenzene	12.38	105	124	16.016	ug/l #	58
86) p-Isopropyltoluene	12.52	119	83	12.184	ug/l #	50
87) 1,3-Dichlorobenzene	12.39	146	73	30.137	ug/l #	8
89) n-Butylbenzene	12.95	91	59	7.269	ug/l #	28
90) Hexachloroethane	12.95	117	64	46.599	ug/l #	22
91) 1,2-Dichlorobenzene	13.10	146	65	28.130	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.70	75	87	434.708	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.23	180	88	52.397	ug/l #	8
95) Naphthalene	14.51	128	180	61.130	ug/l #	1

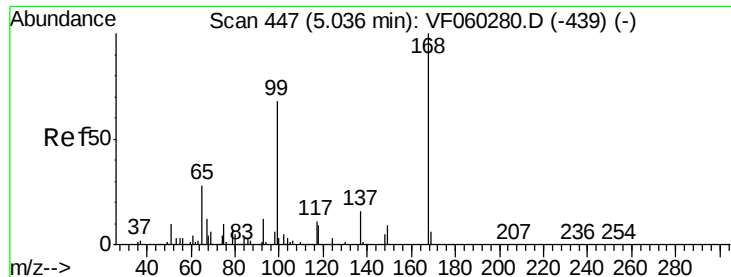
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

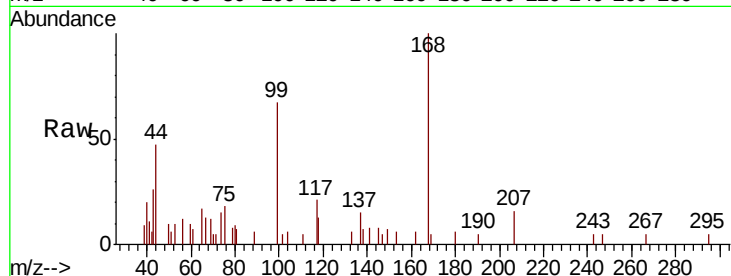
CL-02-092518-A

Tot Ion:168 Resp: 6771

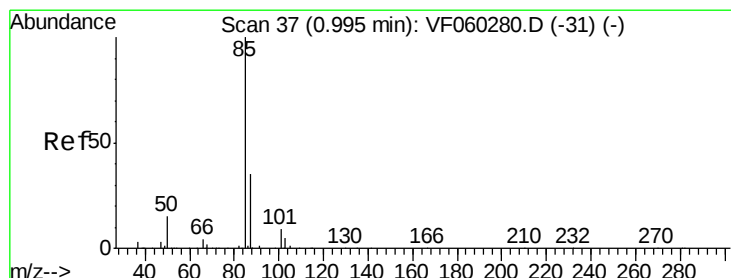
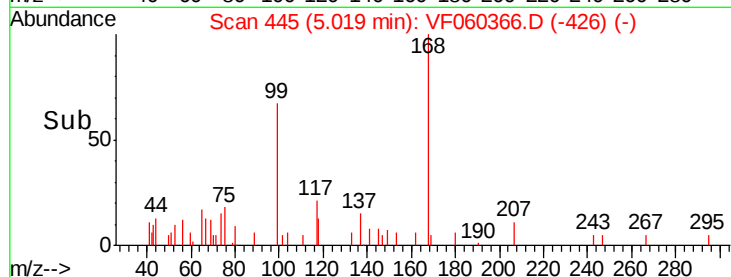
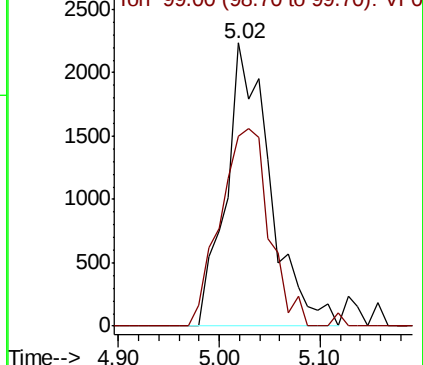
Ion Ratio Lower Upper

168 100

99 67.1 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.03 min Scan# 40

Delta R.T. 0.03 min

Lab File: VF060366.D

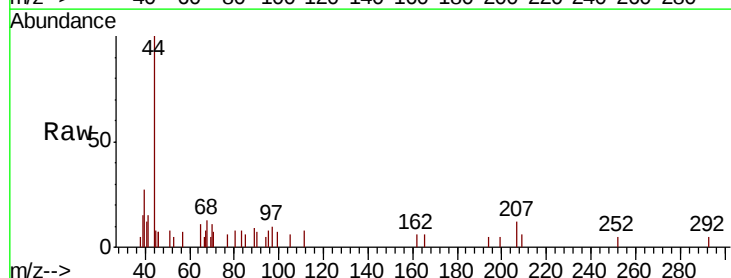
Acq: 26 Sep 2018 21:54

Tgt Ion: 85 Resp: 73

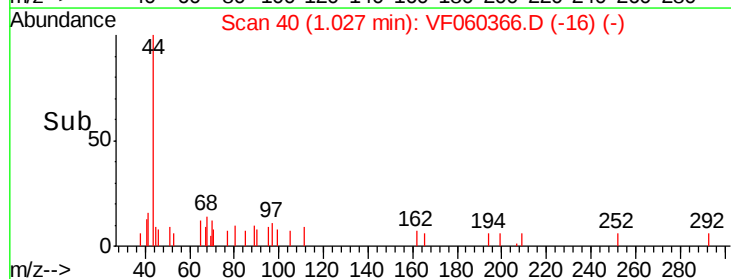
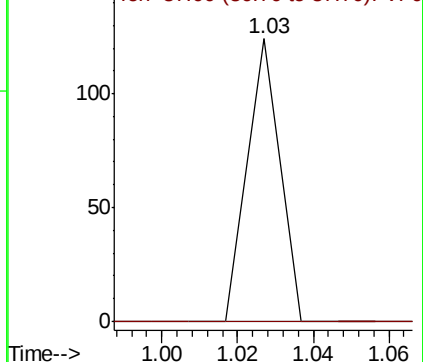
Ion Ratio Lower Upper

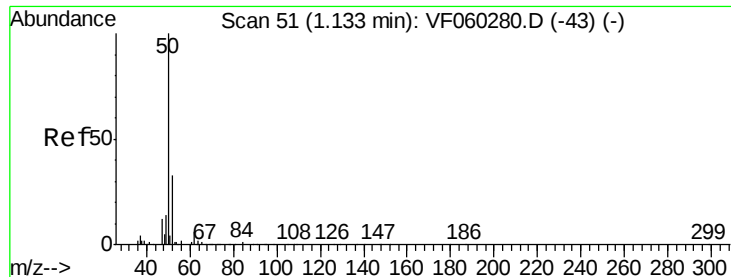
85 100

87 0.0 17.3 52.0#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 1.431 ug/l

RT: 1.12 min Scan# 49

Delta R.T. -0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

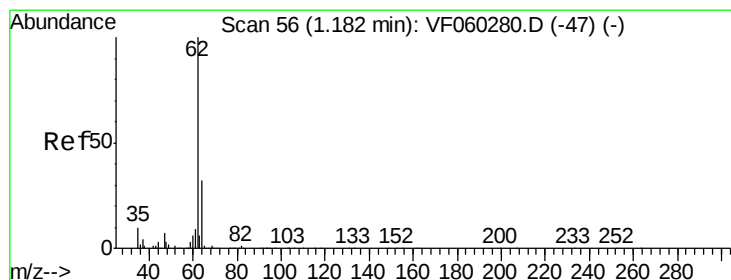
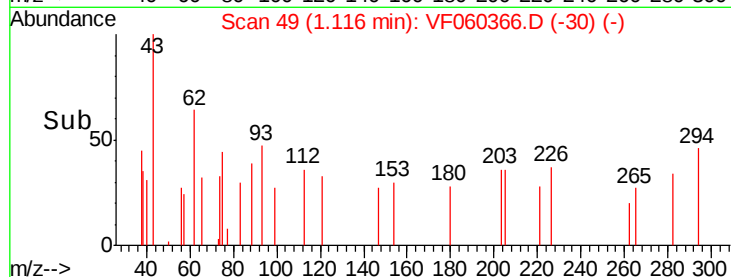
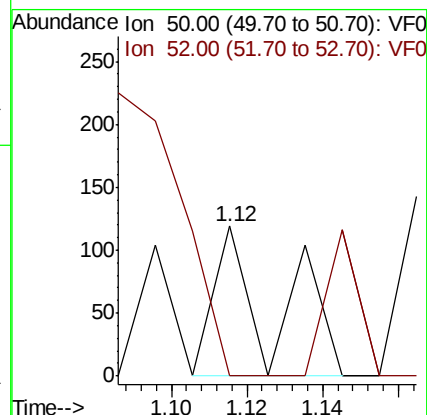
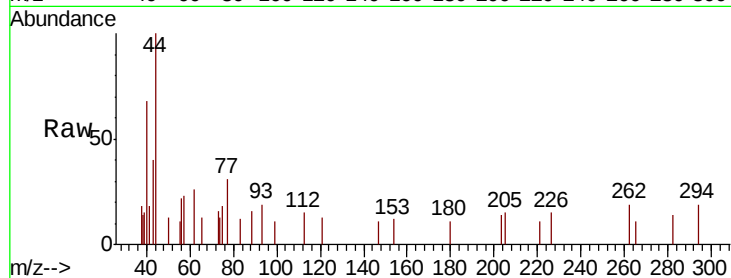
CL-02-092518-A

Tot Ion: 50 Resp: 132

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#



#4

Vinyl Chloride

Concen: 1.521 ug/l

RT: 1.12 min Scan# 49

Delta R.T. -0.07 min

Lab File: VF060366.D

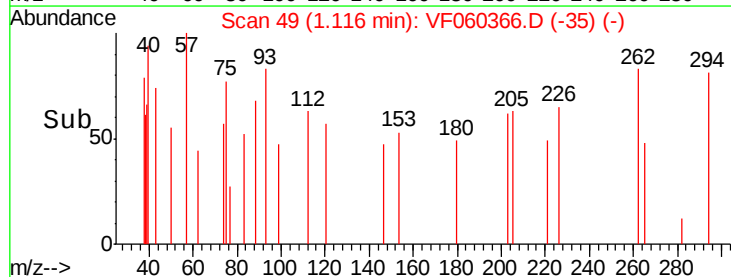
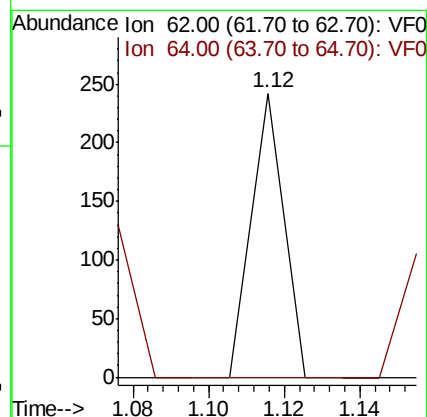
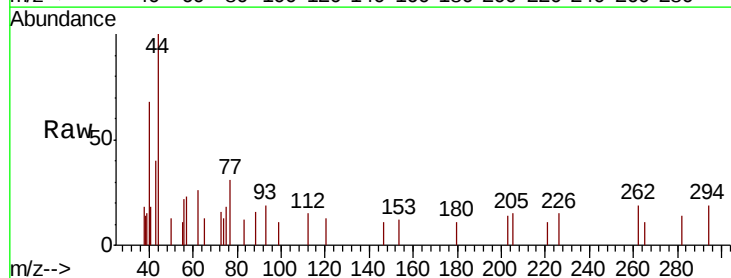
Acq: 26 Sep 2018 21:54

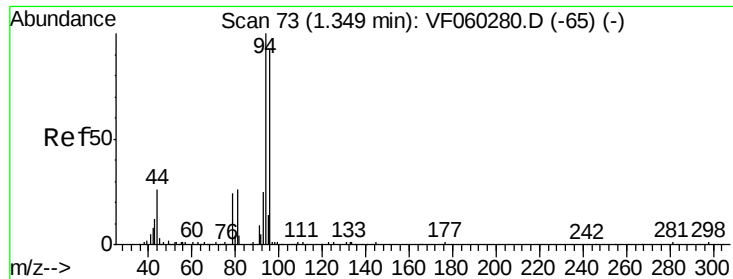
Tgt Ion: 62 Resp: 143

Ion Ratio Lower Upper

62 100

64 0.0 25.2 37.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

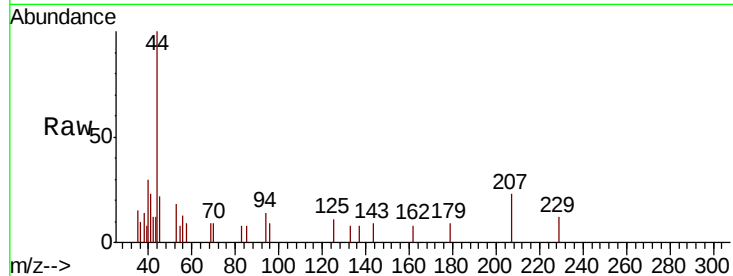
CL-02-092518-A

Tot Ion: 94 Resp: 187

Ion Ratio Lower Upper

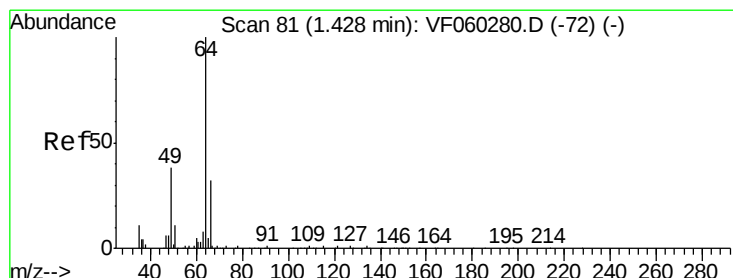
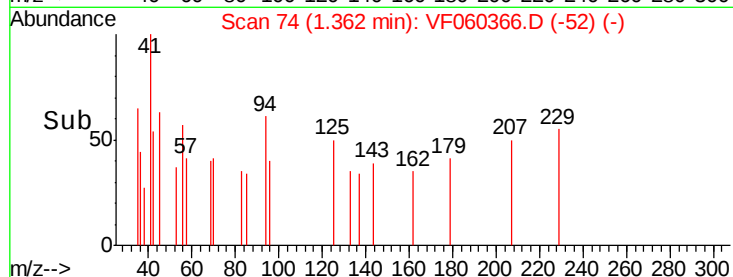
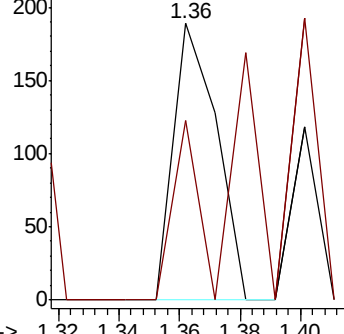
94 100

96 65.1 73.9 110.9#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 1.608 ug/l

RT: 1.34 min Scan# 72

Delta R.T. -0.09 min

Lab File: VF060366.D

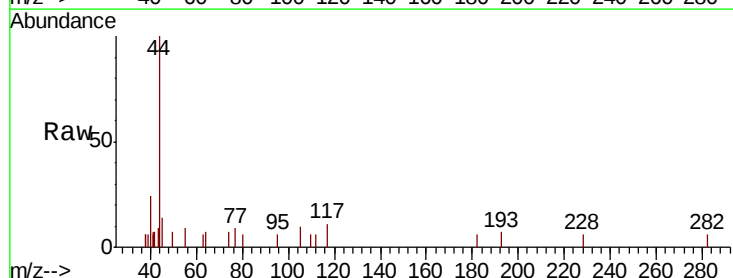
Acq: 26 Sep 2018 21:54

Tgt Ion: 64 Resp: 72

Ion Ratio Lower Upper

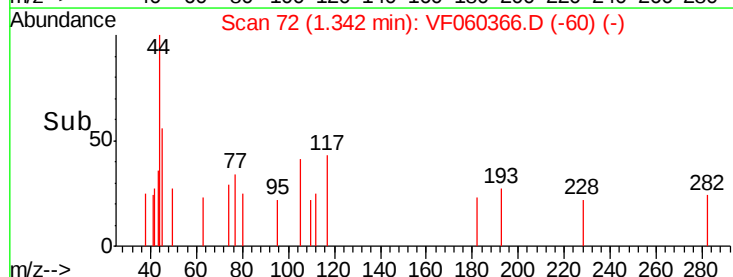
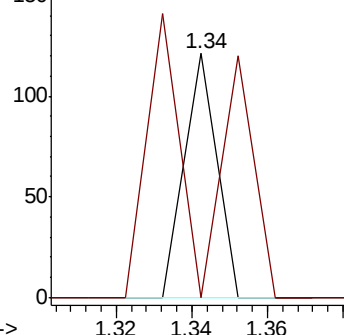
64 100

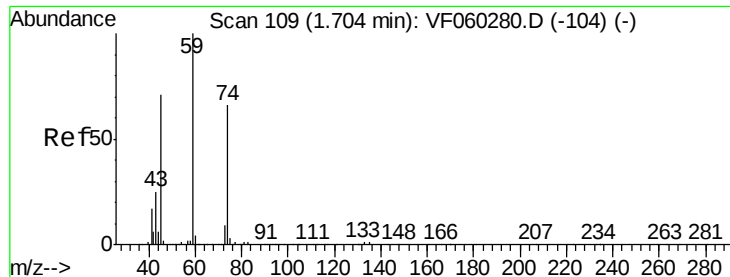
66 0.0 26.2 39.2#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#8

Diethyl Ether

Concen: 4.838 ug/l

RT: 1.55 min Scan# 93

Delta R.T. -0.16 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

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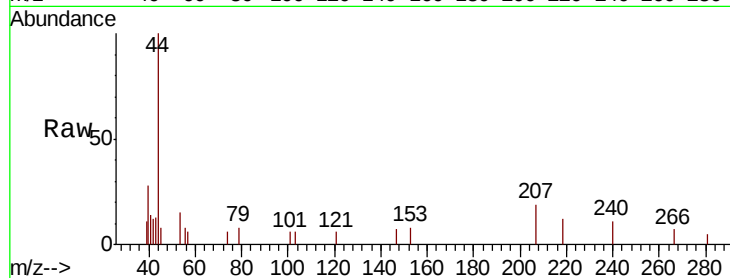
CL-02-092518-A

Tot Ion: 74 Resp: 141

Ion Ratio Lower Upper

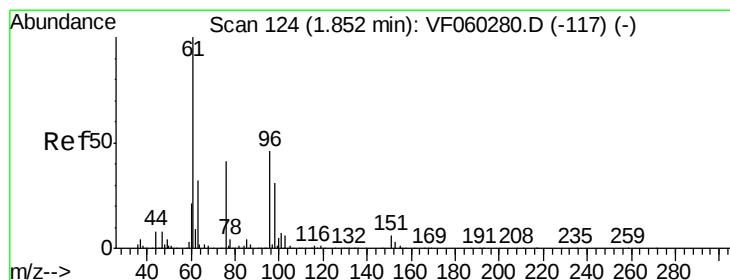
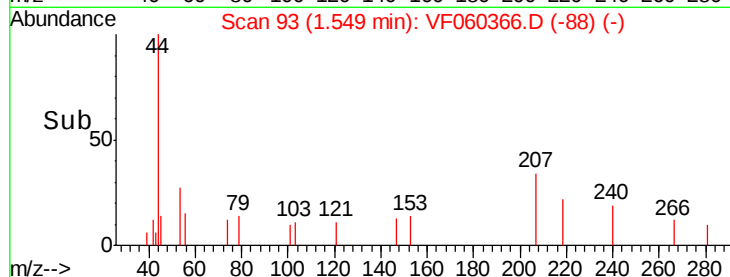
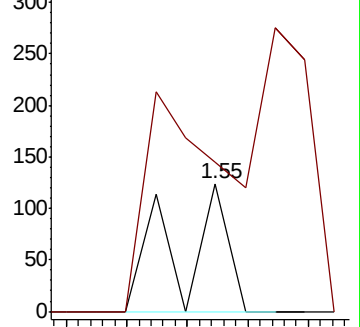
74 100

45 116.9 53.9 161.7



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#12

1,1-Dichloroethene

Concen: 1.077 ug/l

RT: 1.84 min Scan# 123

Delta R.T. -0.01 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

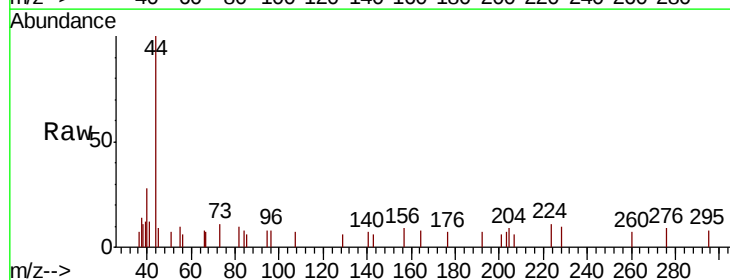
Tgt Ion: 96 Resp: 83

Ion Ratio Lower Upper

96 100

61 0.0 172.2 258.2#

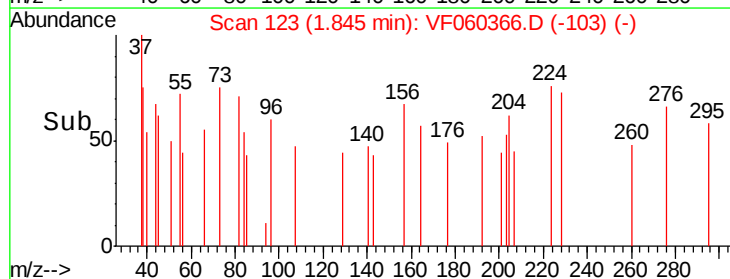
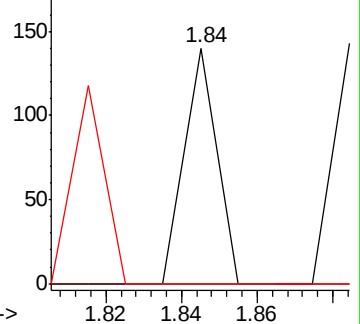
98 0.0 54.1 81.1#

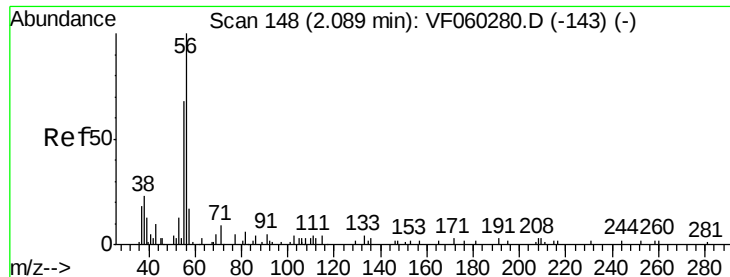


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#13

Acrolein

Concen: 17.084 ug/l

RT: 1.96 min Scan# 135

Delta R.T. -0.12 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

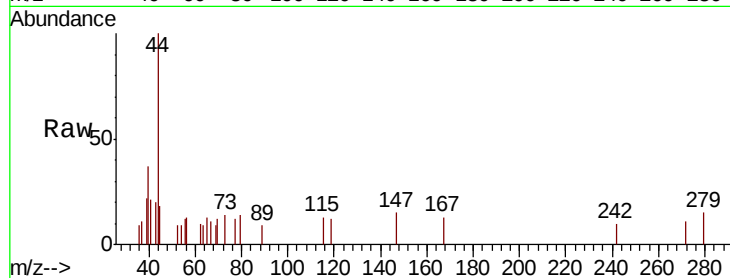
Instrument :
MSVOA_F
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CL-02-092518-A

Tot Ion: 56 Resp: 157

Ion Ratio Lower Upper

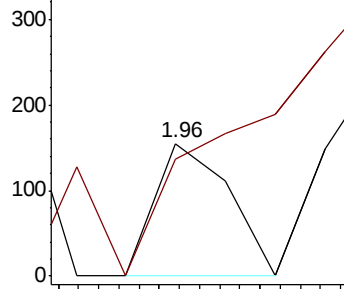
56 100

55 88.4 69.9 104.9

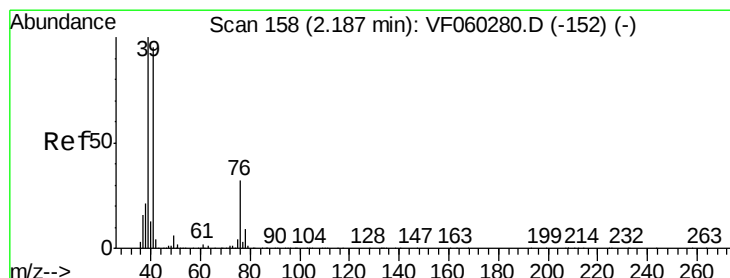
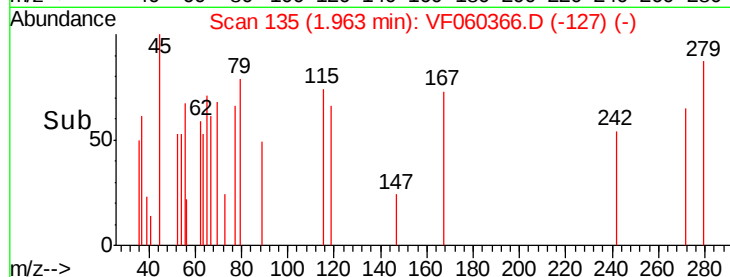


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



Time-->



#14

Allyl chloride

Concen: 11.297 ug/l

RT: 2.21 min Scan# 160

Delta R.T. 0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

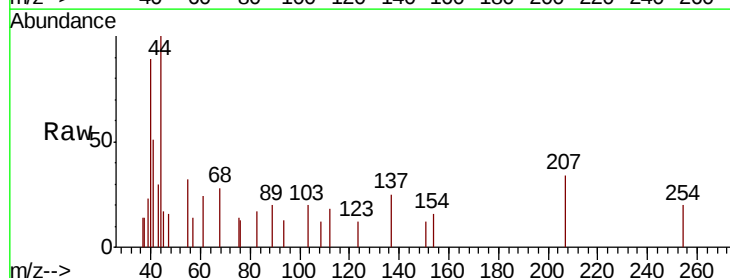
Tgt Ion: 41 Resp: 1519

Ion Ratio Lower Upper

41 100

39 45.0 84.8 127.2#

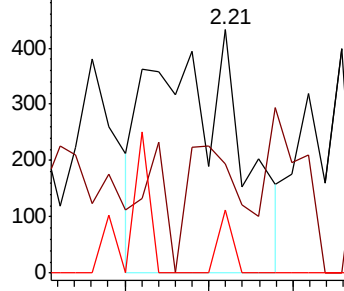
76 25.9 27.4 41.2#



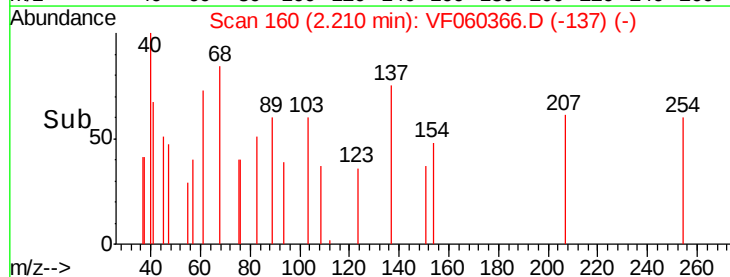
Abundance Ion 41.00 (40.70 to 41.70): VF0

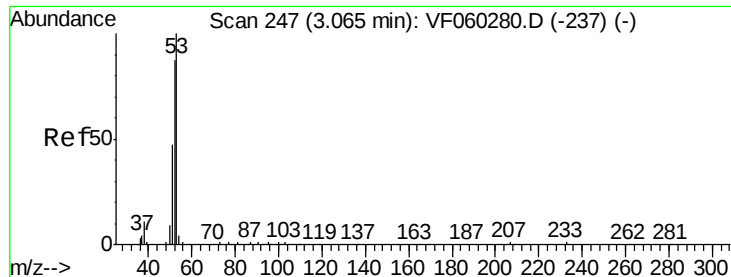
Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0



Time-->





#15

Acrylonitrile

Concen: 11.959 ug/l

RT: 3.11 min Scan# 251

Delta R.T. 0.04 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

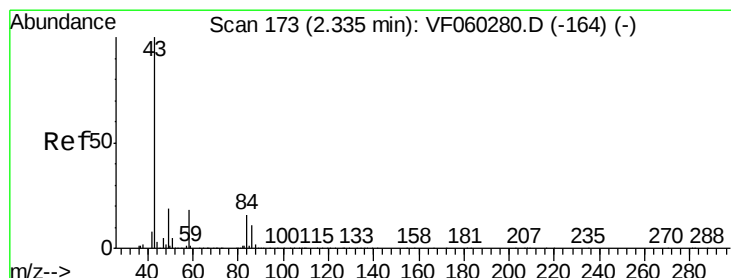
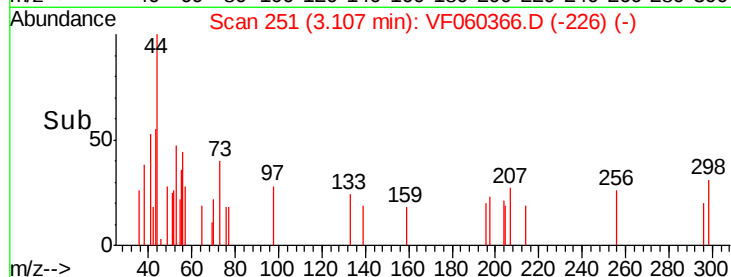
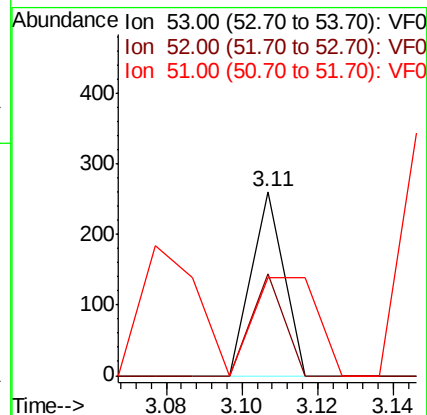
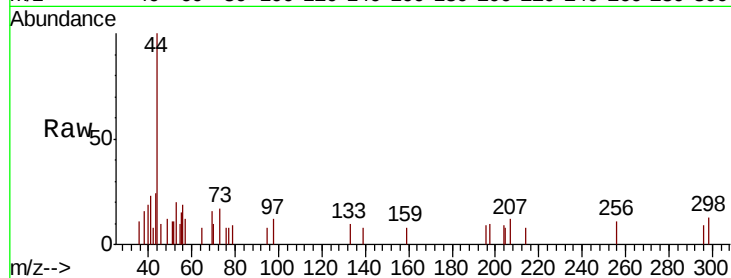
MSVOA_F

ClientSampleId :

CL-02-092518-A

Tot Ion: 53 Resp: 154

Ion	Ratio	Lower	Upper
53	100		
52	55.2	69.5	104.3#
51	53.3	38.1	57.1



#16

Acetone

Concen: 16.669 ug/l

RT: 2.34 min Scan# 173

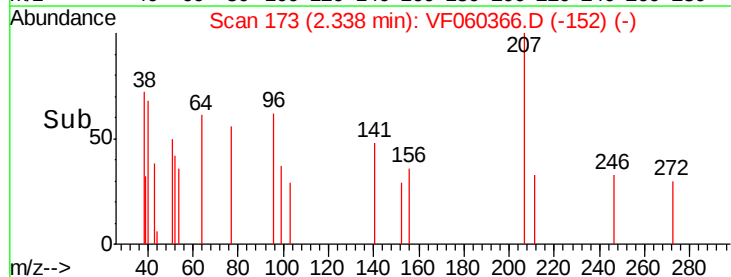
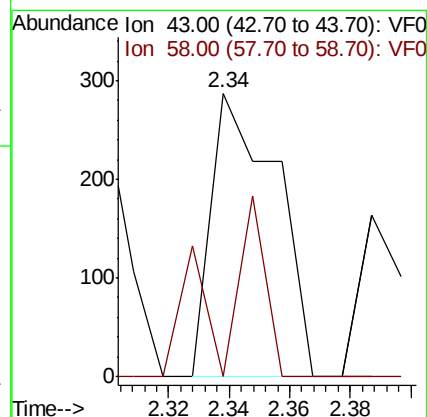
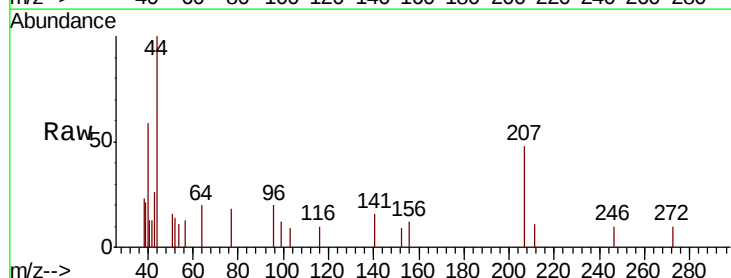
Delta R.T. 0.00 min

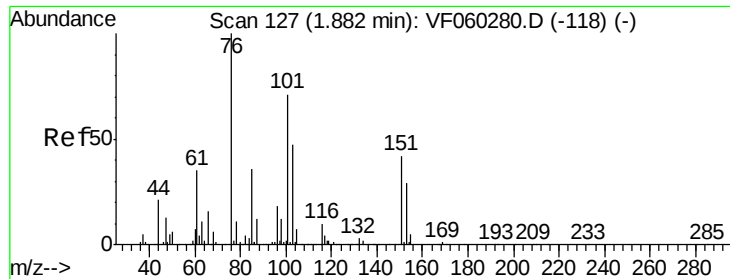
Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Tgt Ion: 43 Resp: 428

Ion	Ratio	Lower	Upper
43	100		
58	0.0	14.5	21.7#

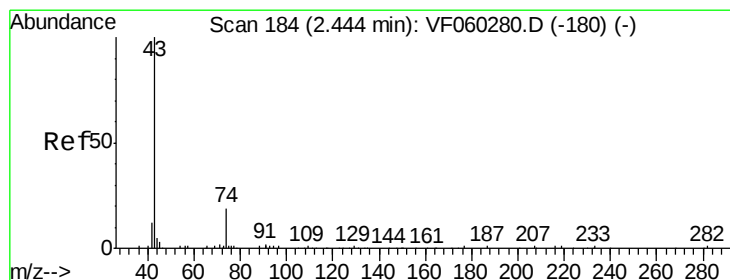
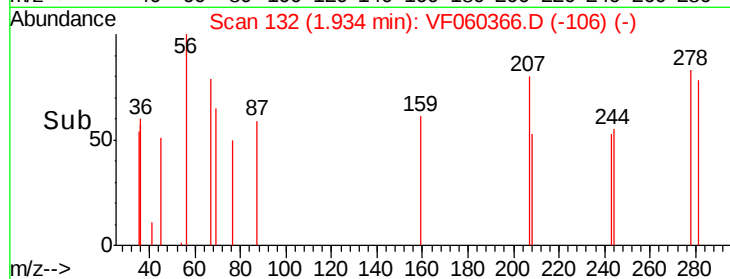
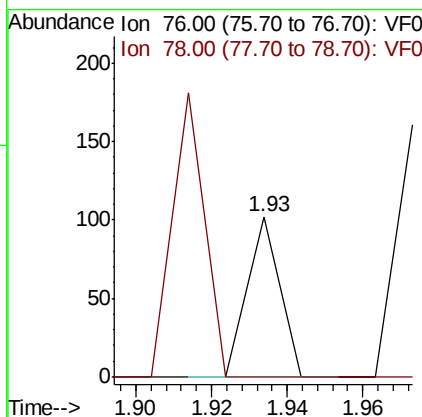
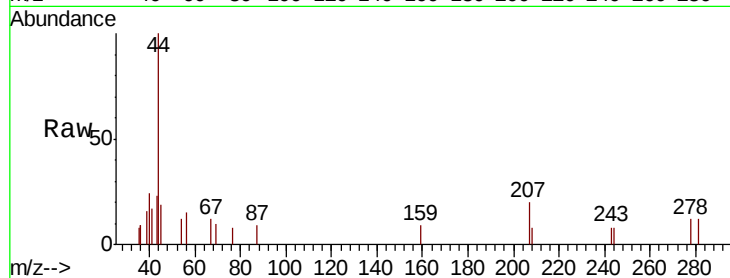




#17
Carbon Disulfide
Concen: Below Cal
RT: 1.93 min Scan# 132
Delta R.T. 0.05 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

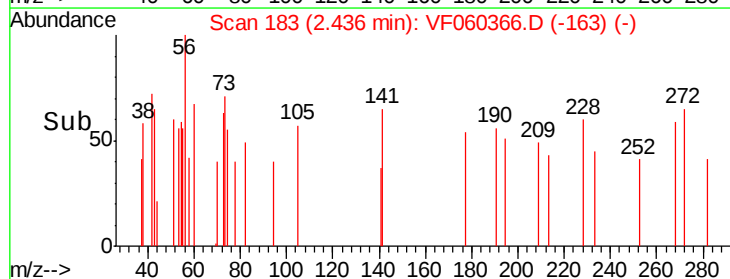
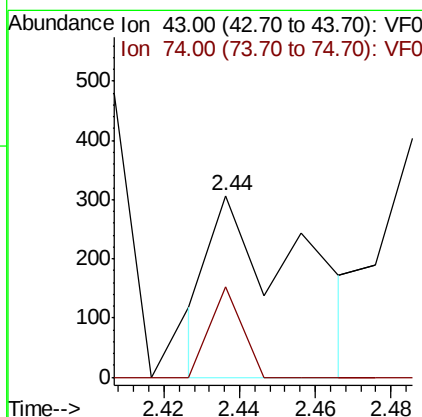
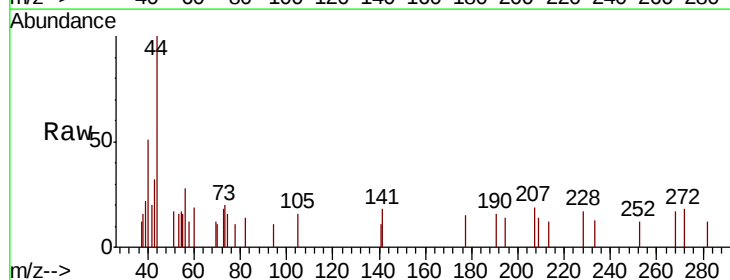
Instrument :
MSVOA_F
ClientSampleId :
CL-02-092518-A

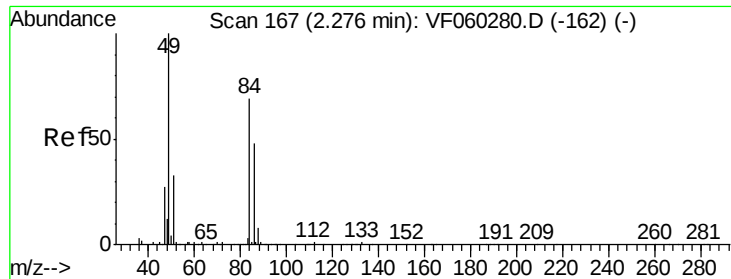
Tot Ion: 76 Resp: 60
Ion Ratio Lower Upper
76 100
78 0.0 9.4 14.0#



#18
Methyl Acetate
Concen: 11.900 ug/l
RT: 2.44 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

Tgt Ion: 43 Resp: 509
Ion Ratio Lower Upper
43 100
74 49.5 12.7 19.1#

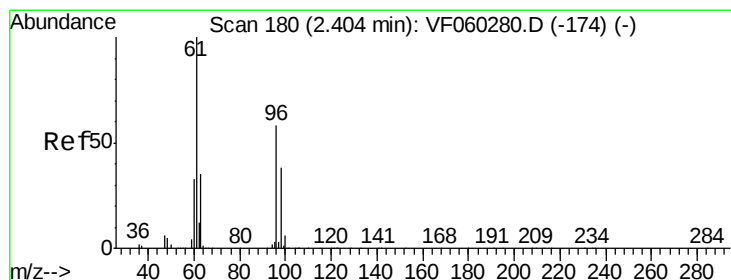
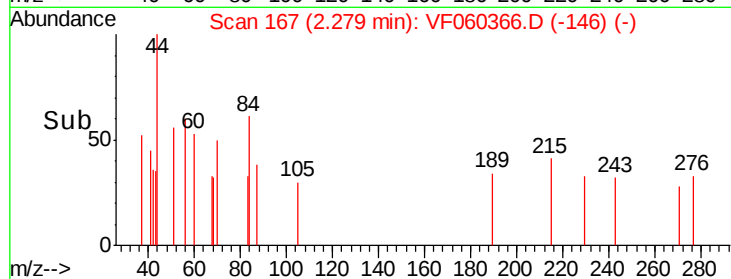
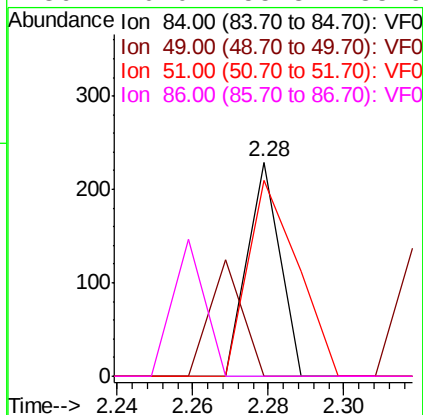
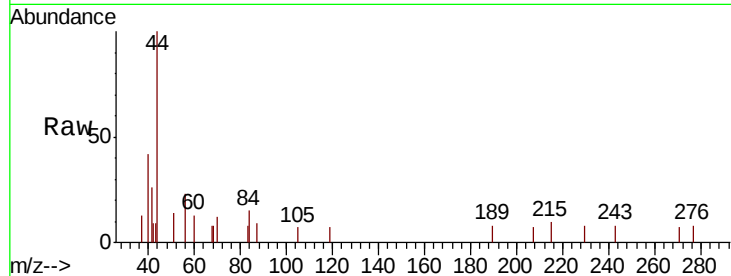




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. 0.00 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

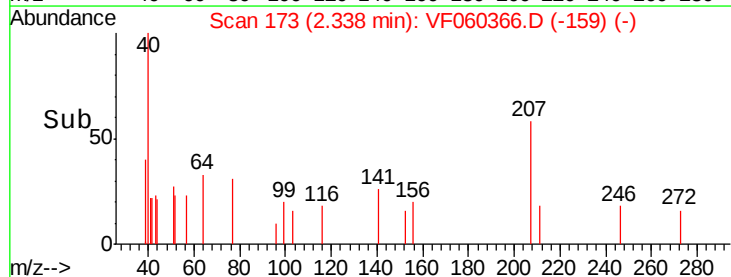
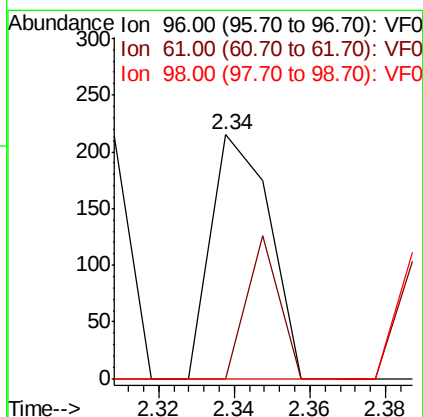
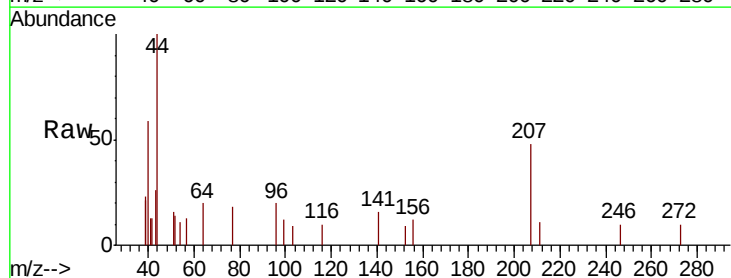
Instrument :
MSVOA_F
ClientSampleId :
CL-02-092518-A

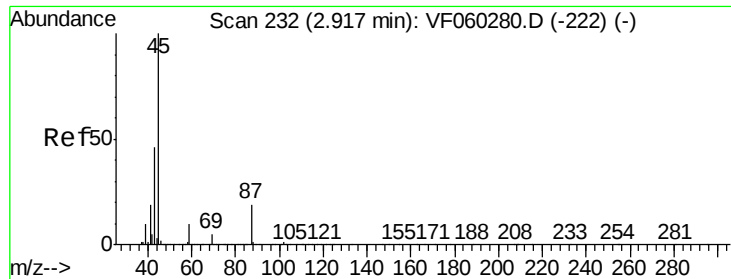
Tot Ion: 84 Resp: 135
Ion Ratio Lower Upper
84 100
49 0.0 118.3 177.5#
51 91.7 38.7 58.1#
86 0.0 55.8 83.6#



#21
trans-1,2-Dichloroethene
Concen: 2.903 ug/l
RT: 2.34 min Scan# 173
Delta R.T. -0.07 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

Tgt Ion: 96 Resp: 231
Ion Ratio Lower Upper
96 100
61 0.0 136.4 204.6#
98 0.0 51.8 77.6#

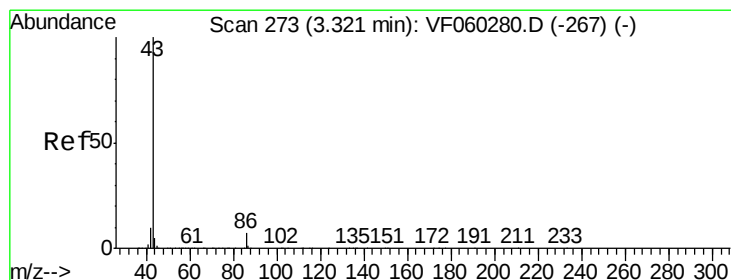
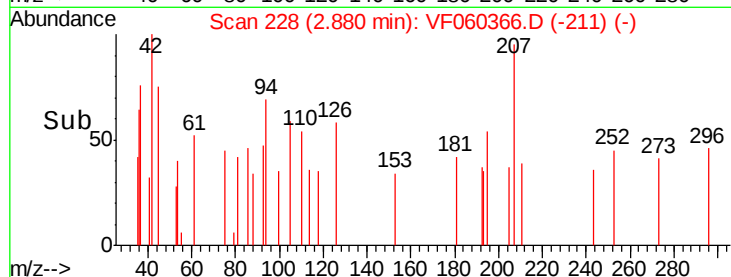
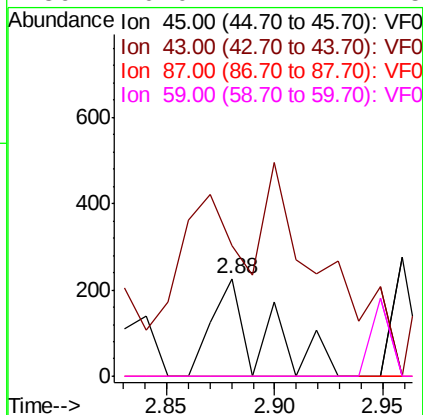
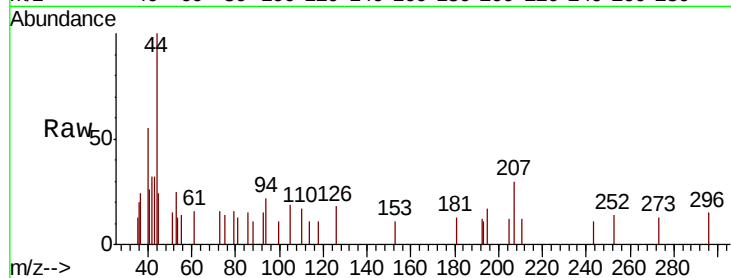




#22
Diisopropyl ether
Concen: 1.466 ug/l
RT: 2.88 min Scan# 228
Delta R.T. -0.04 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

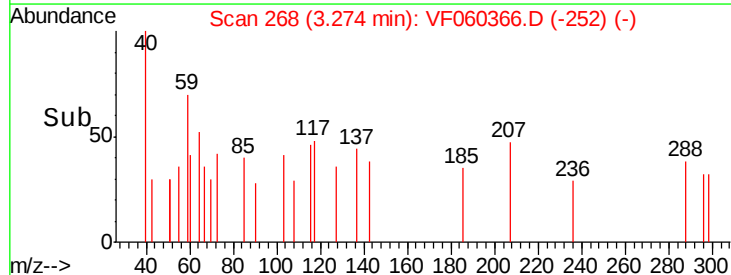
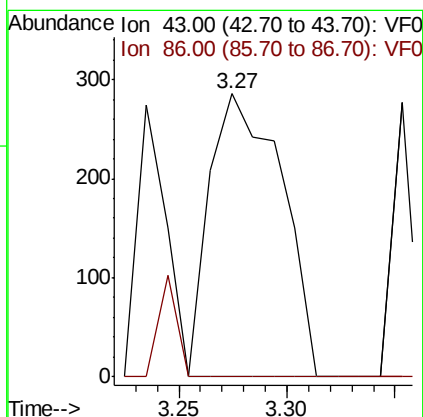
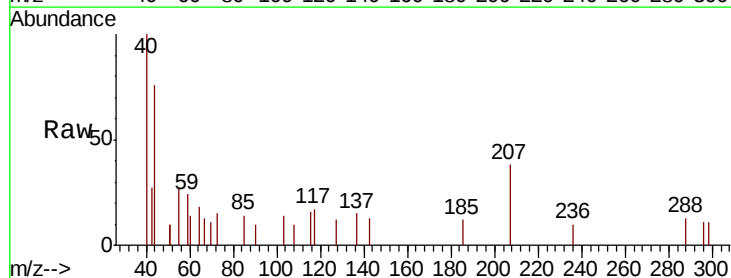
Instrument :
MSVOA_F
ClientSampleId :
CL-02-092518-A

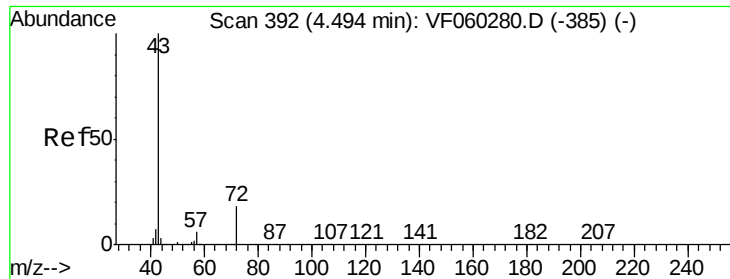
Tot Ion:	45	Resp:	372
Ion	Ratio	Lower	Upper
45	100		
43	134.5	38.2	57.2#
87	0.0	15.5	23.3#
59	0.0	7.7	11.5#



#23
Vinyl Acetate
Concen: 6.674 ug/l
RT: 3.27 min Scan# 268
Delta R.T. -0.05 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

Tgt Ion:	43	Resp:	665
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#





#25

2-Butanone

Concen: 24.305 ug/l

RT: 4.52 min Scan# 394

Delta R.T. 0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

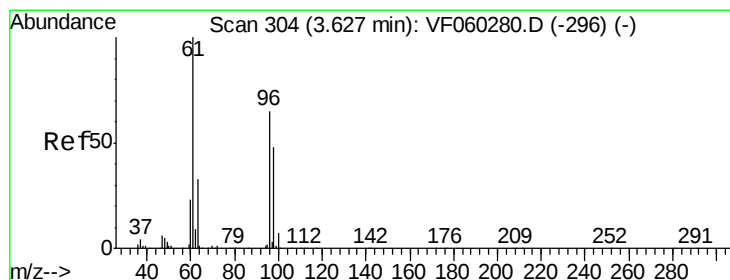
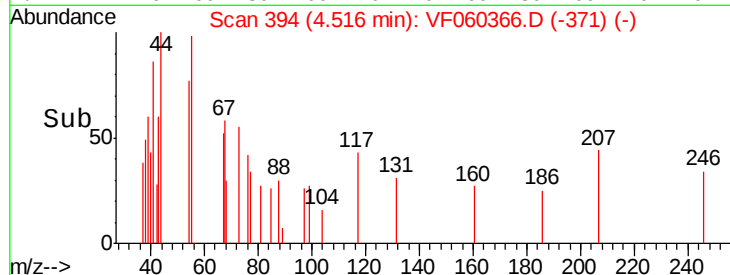
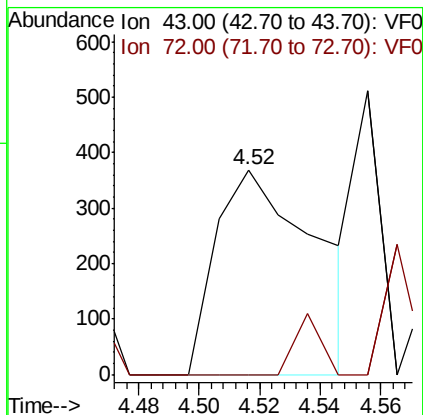
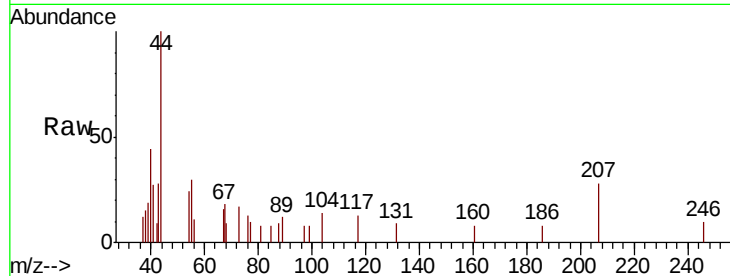
CL-02-092518-A

Tot Ion: 43 Resp: 840

Ion Ratio Lower Upper

43 100

72 0.0 16.2 24.2#



#27

cis-1,2-Dichloroethene

Concen: 1.224 ug/l

RT: 3.62 min Scan# 303

Delta R.T. -0.01 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

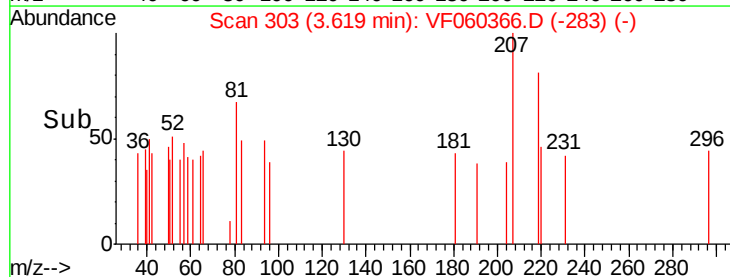
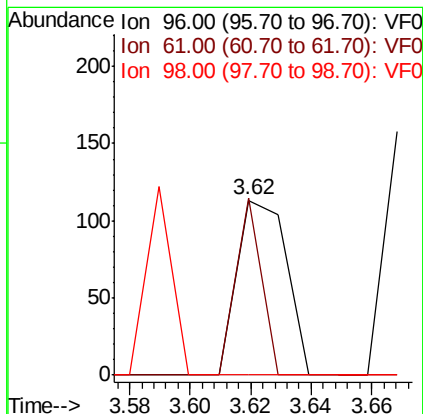
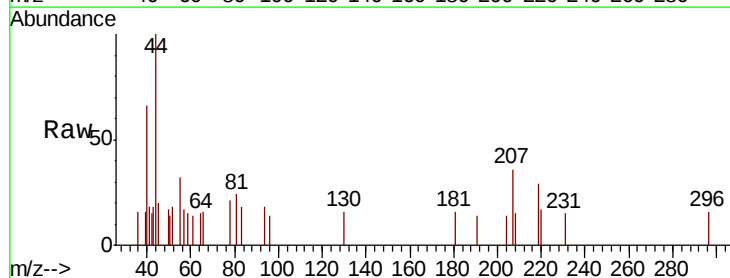
Tgt Ion: 96 Resp: 128

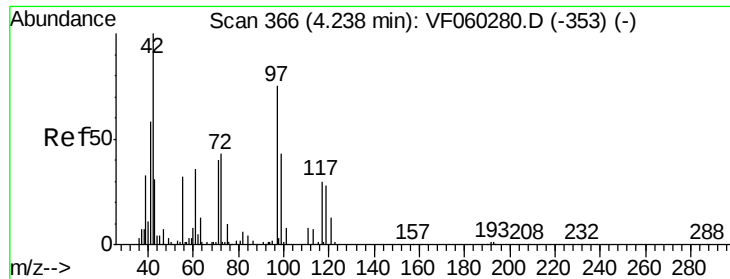
Ion Ratio Lower Upper

96 100

61 101.8 0.0 304.8

98 0.0 0.0 146.4





#29

Tetrahydrofuran

Concen: 30.341 ug/l

RT: 4.22 min Scan# 364

Delta R.T. -0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

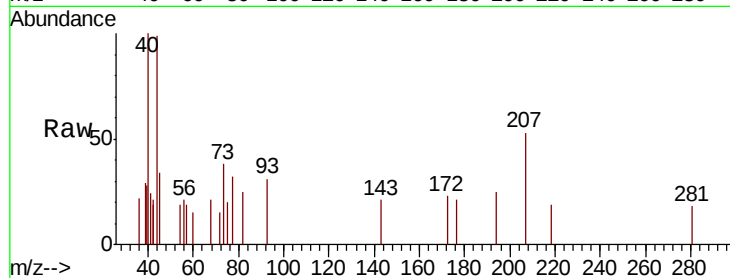
Tot Ion: 42 Resp: 384

Ion Ratio Lower Upper

42 100

72 15.9 32.6 49.0#

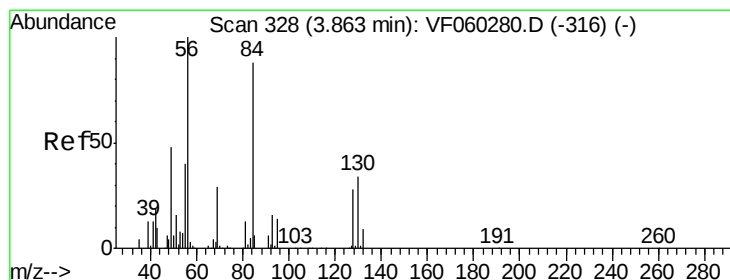
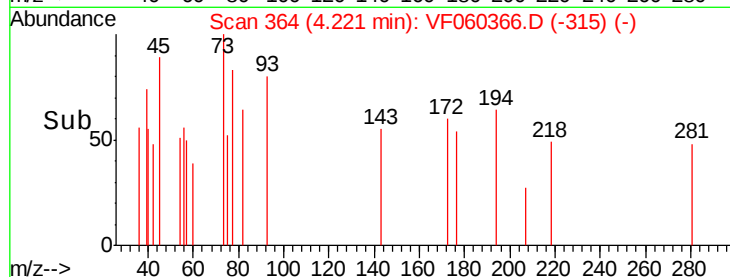
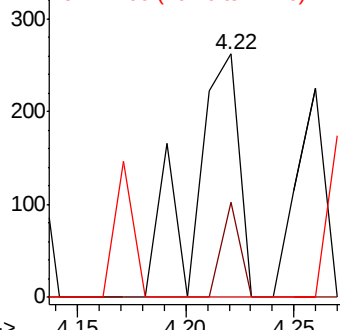
71 0.0 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#31

Cyclohexane

Concen: 2.929 ug/l

RT: 3.80 min Scan# 321

Delta R.T. -0.07 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

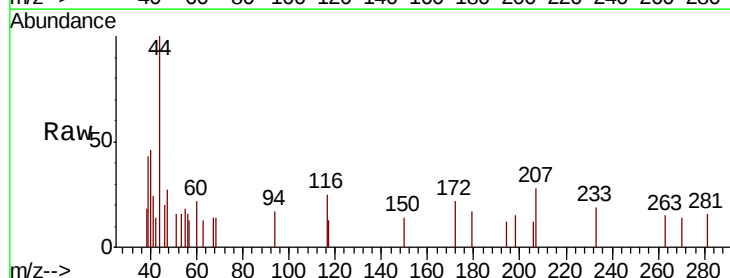
Tgt Ion: 56 Resp: 407

Ion Ratio Lower Upper

56 100

69 0.0 23.8 35.6#

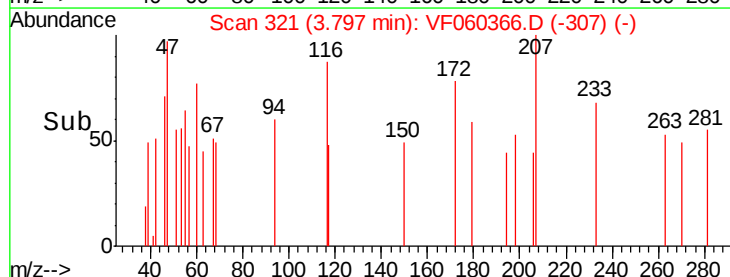
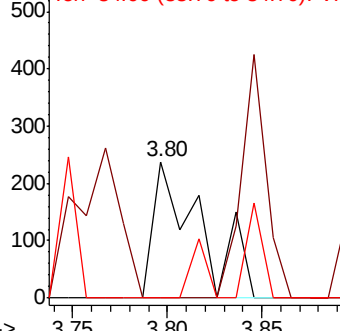
84 0.0 70.2 105.4#

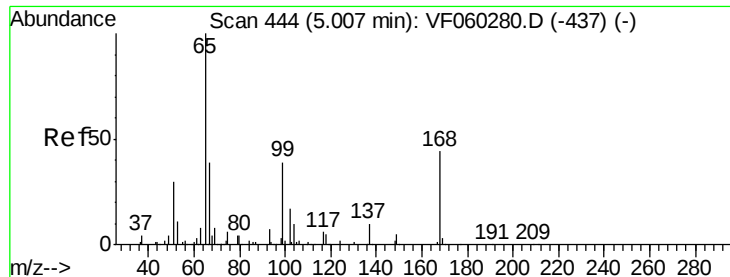


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 18.723 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

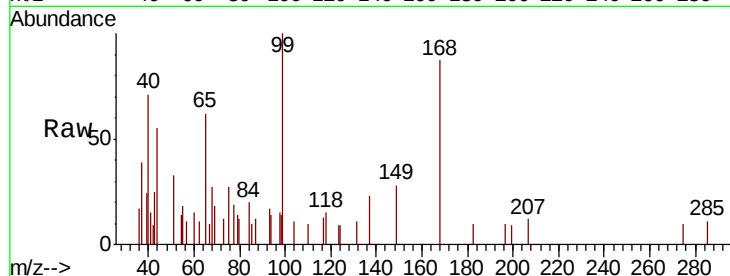
CL-02-092518-A

Tot Ion: 65 Resp: 1707

Ion Ratio Lower Upper

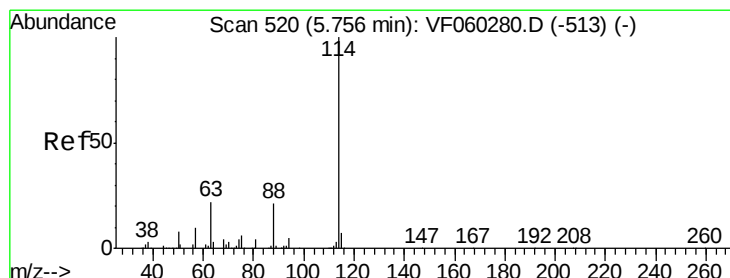
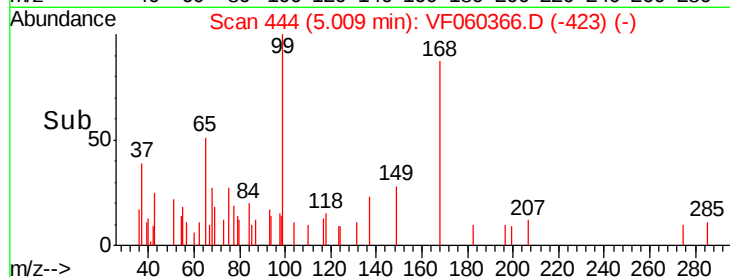
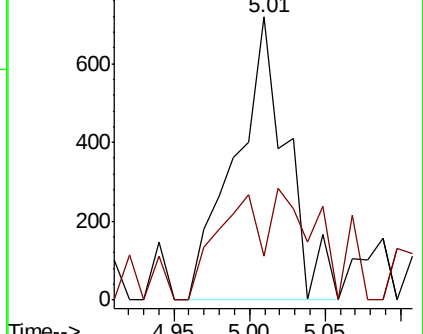
65 100

67 15.5 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

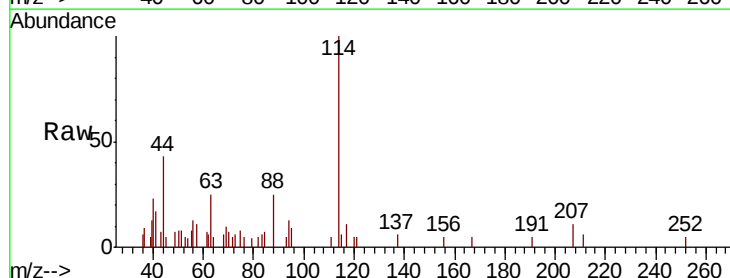
Tgt Ion: 114 Resp: 6860

Ion Ratio Lower Upper

114 100

63 23.8 0.0 43.8

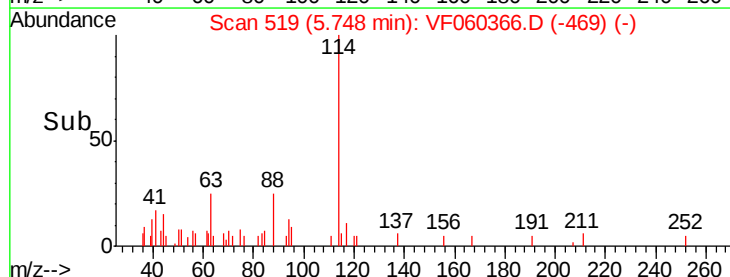
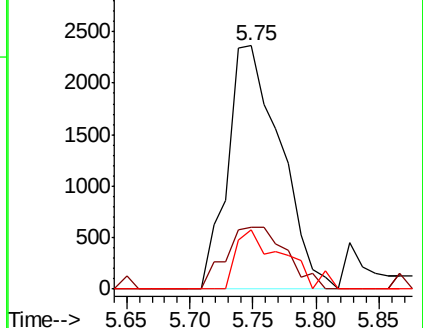
88 23.1 0.0 41.2

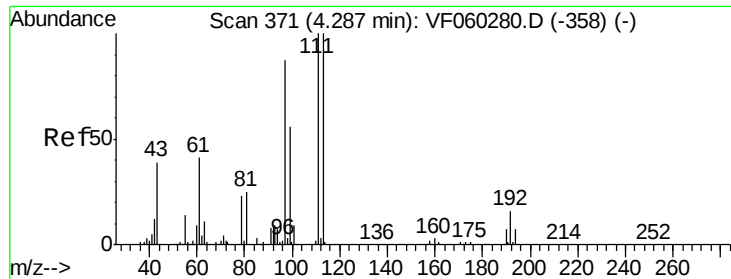


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 40.931 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

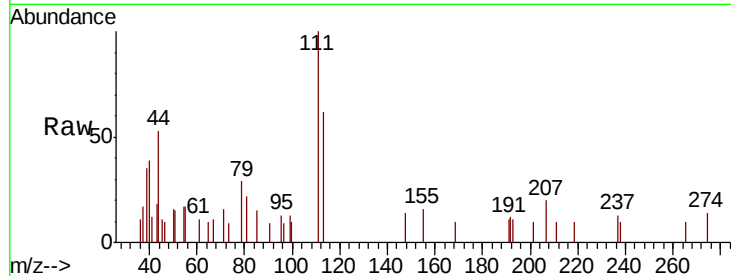
Tot Ion:113 Resp: 2503

Ion Ratio Lower Upper

113 100

111 161.6 79.6 119.4#

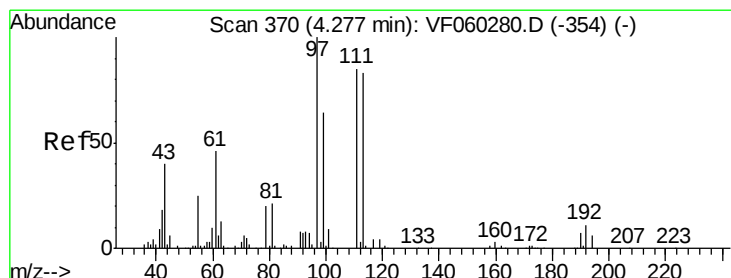
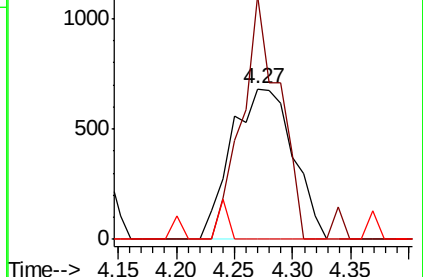
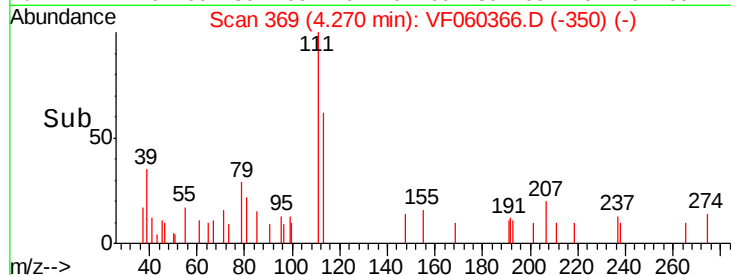
192 0.0 13.0 19.6#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#37

Ethyl Acetate

Concen: 19.278 ug/l

RT: 4.25 min Scan# 367

Delta R.T. -0.03 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

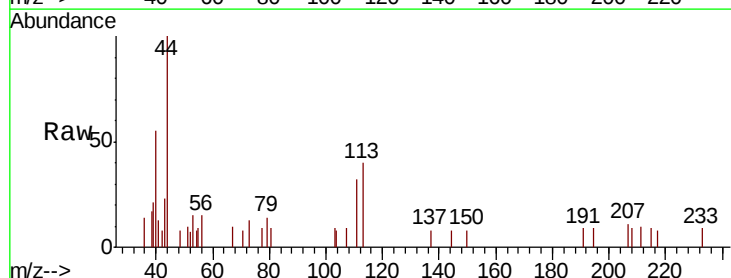
Tgt Ion: 43 Resp: 698

Ion Ratio Lower Upper

43 100

61 0.0 91.1 136.7#

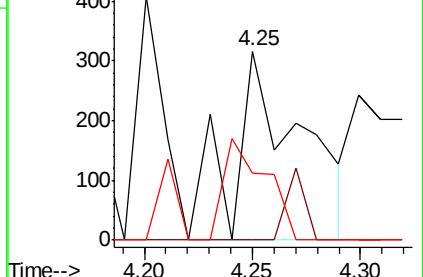
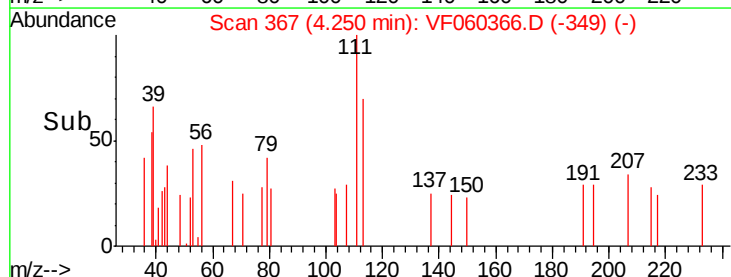
70 35.8 6.9 10.3#

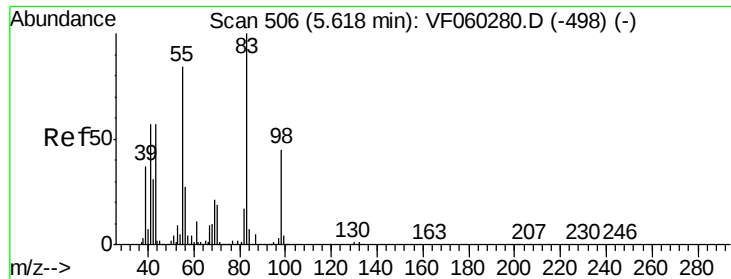


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

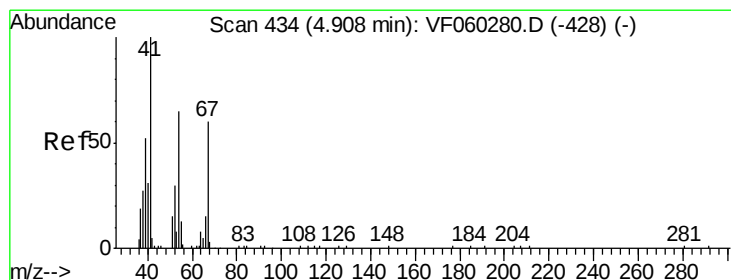
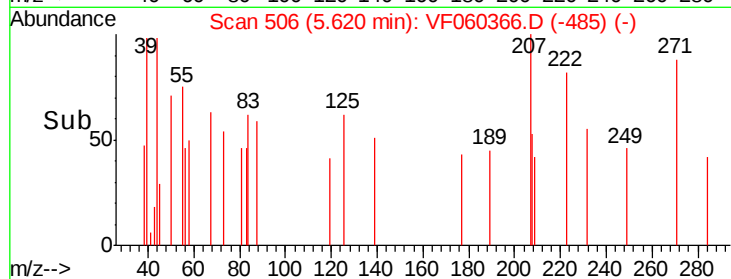
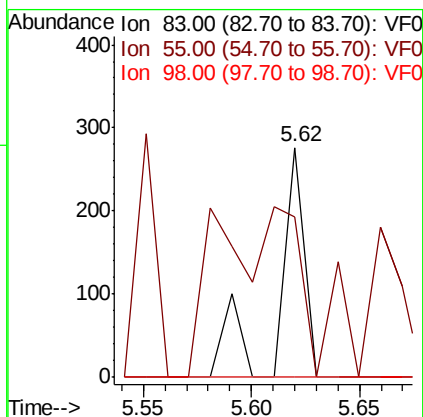
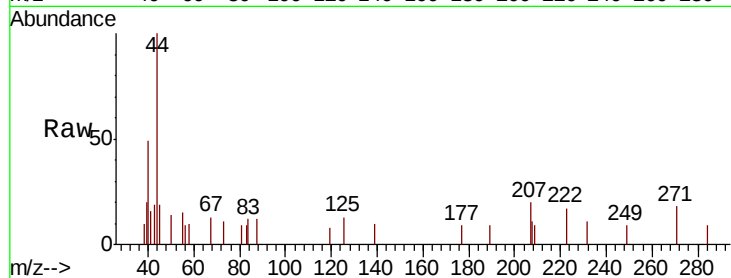




#39
Methylcyclohexane
Concen: 2.405 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.00 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

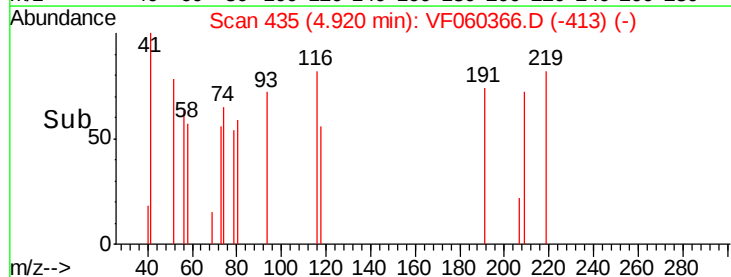
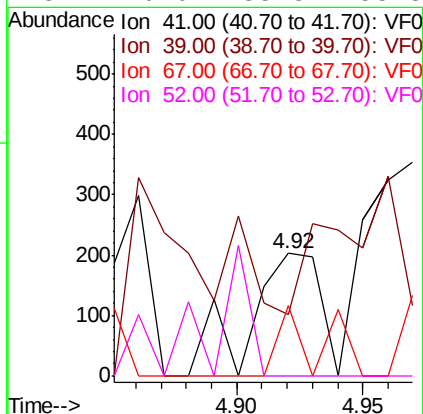
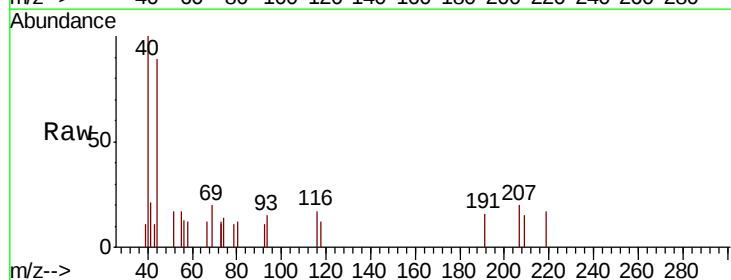
Instrument :
MSVOA_F
ClientSampleId :
CL-02-092518-A

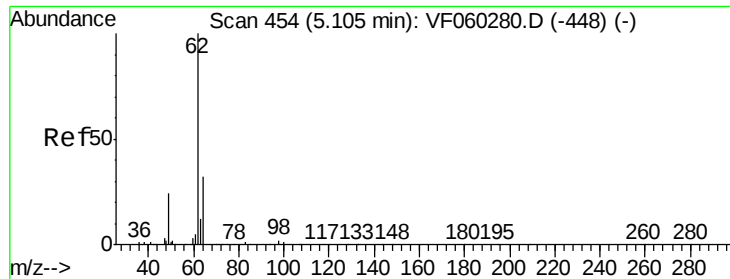
Tot Ion: 83 Resp: 223
Ion Ratio Lower Upper
83 100
55 69.9 67.3 100.9
98 0.0 36.1 54.1#



#41
Methacrylonitrile
Concen: 20.411 ug/l
RT: 4.92 min Scan# 435
Delta R.T. 0.01 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

Tgt Ion: 41 Resp: 401
Ion Ratio Lower Upper
41 100
39 49.8 49.1 73.7
67 57.1 48.2 72.4
52 0.0 35.8 53.8#





#42

1,2-Dichloroethane

Concen: 2.212 ug/l

RT: 5.09 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

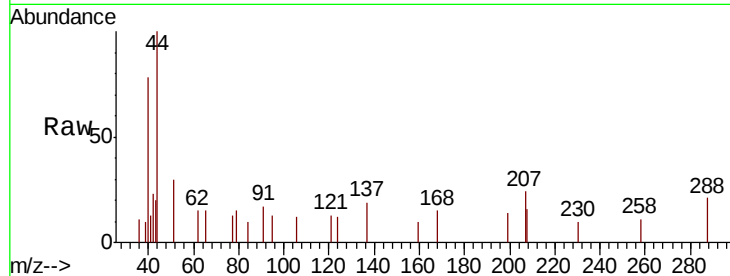
CL-02-092518-A

Tot Ion: 62 Resp: 158

Ion Ratio Lower Upper

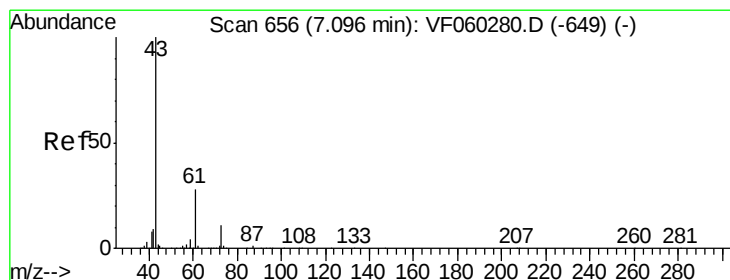
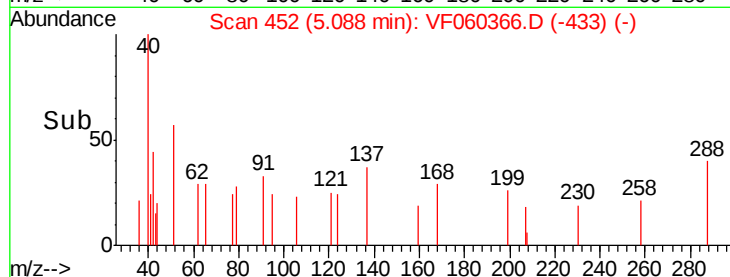
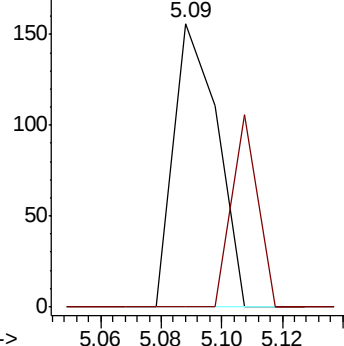
62 100

98 0.0 0.0 14.4



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#43

Isopropyl Acetate

Concen: 15.876 ug/l

RT: 7.08 min Scan# 654

Delta R.T. -0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

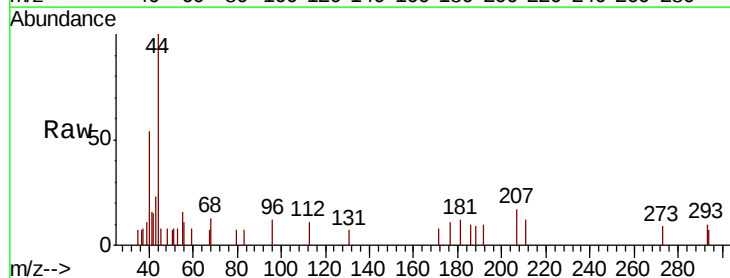
Tgt Ion: 43 Resp: 692

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

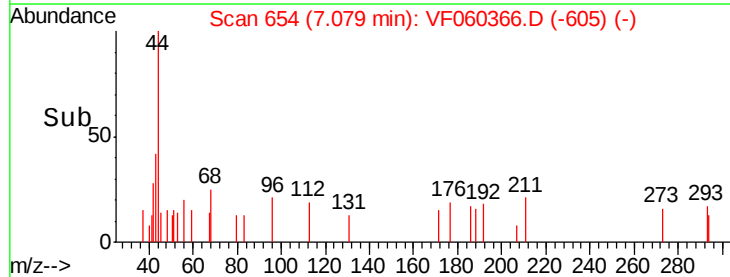
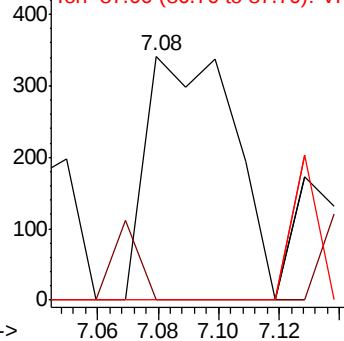
87 0.0 0.6 0.8#

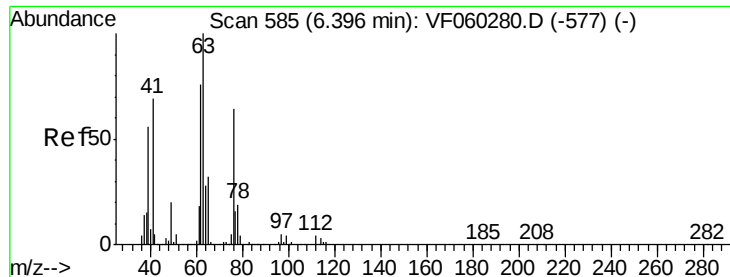


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#45

1,2-Dichloropropane

Concen: 1.752 ug/l

RT: 6.40 min Scan# 585

Delta R.T. 0.00 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

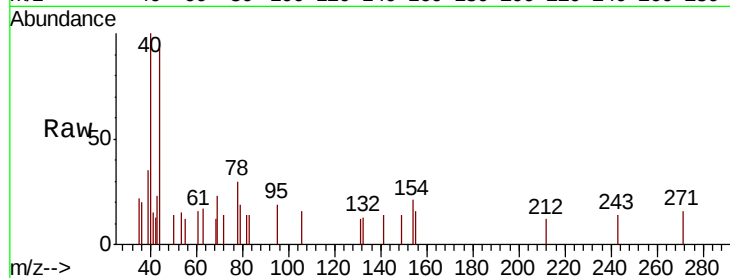
CL-02-092518-A

Tot Ion: 63 Resp: 88

Ion Ratio Lower Upper

63 100

65 0.0 26.2 39.4#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.40

150

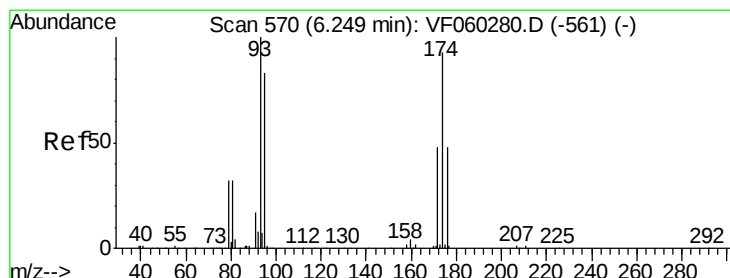
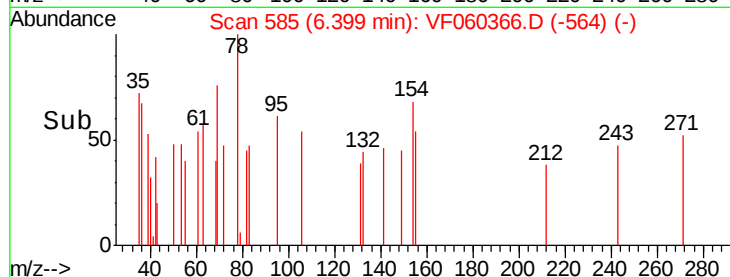
100

50

0

6.38 6.40 6.42

Time-->



#46

Dibromomethane

Concen: 1.950 ug/l

RT: 6.14 min Scan# 559

Delta R.T. -0.11 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

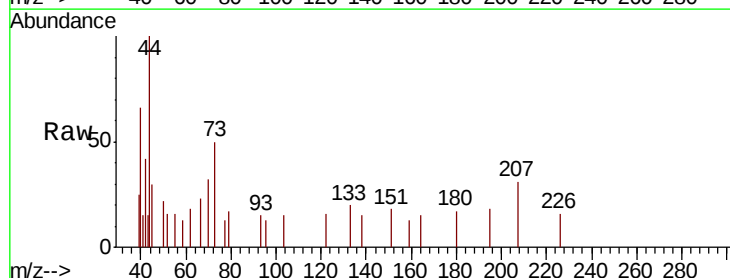
Tgt Ion: 93 Resp: 70

Ion Ratio Lower Upper

93 100

95 87.4 67.0 100.6

174 0.0 74.8 112.2#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

150

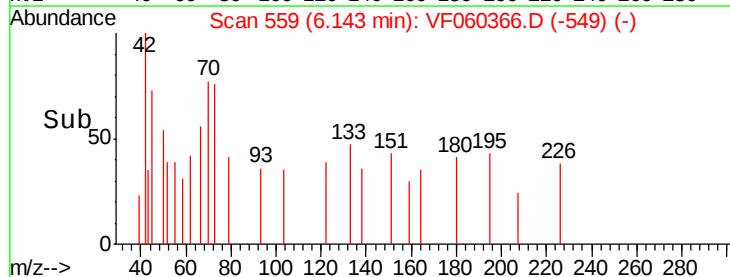
100

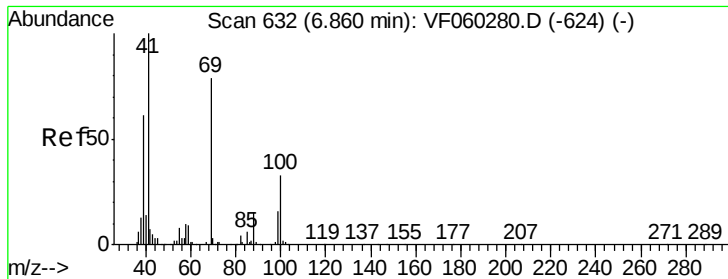
50

0

6.12 6.14 6.16

Time-->

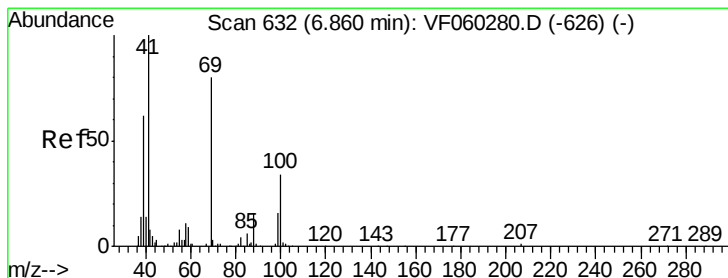
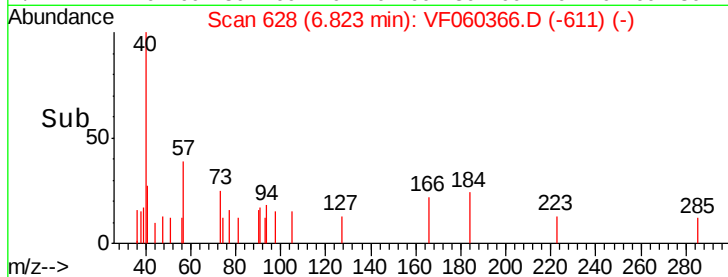
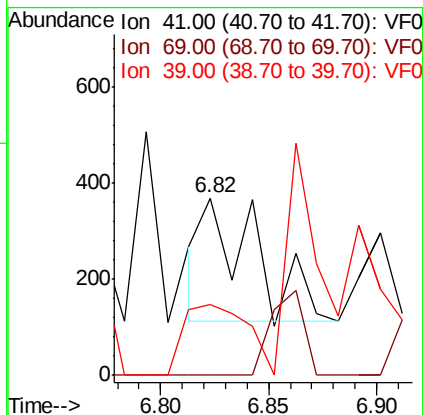
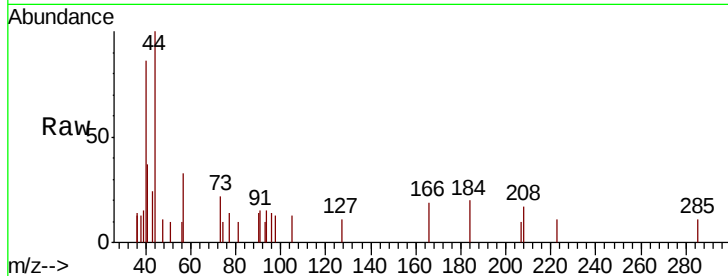




#48
Methyl methacrylate
Concen: 14.511 ug/l
RT: 6.82 min Scan# 628
Delta R.T. -0.04 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

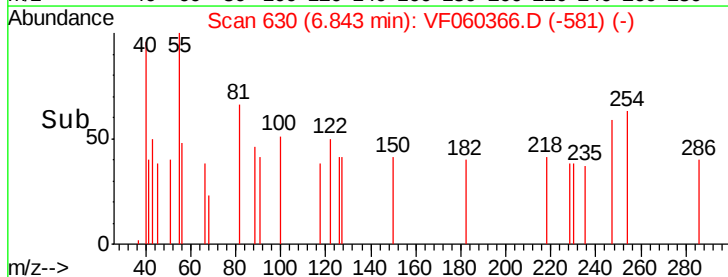
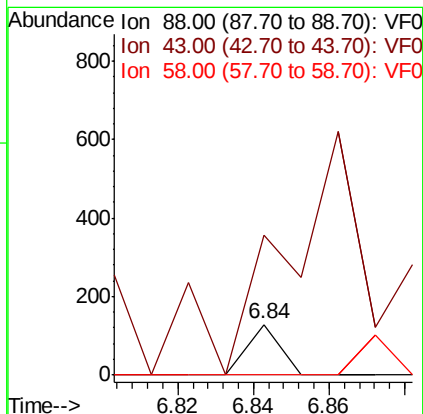
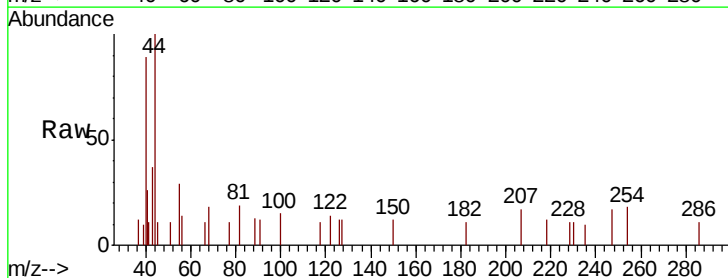
Instrument :
MSVOA_F
ClientSampleId :
CL-02-092518-A

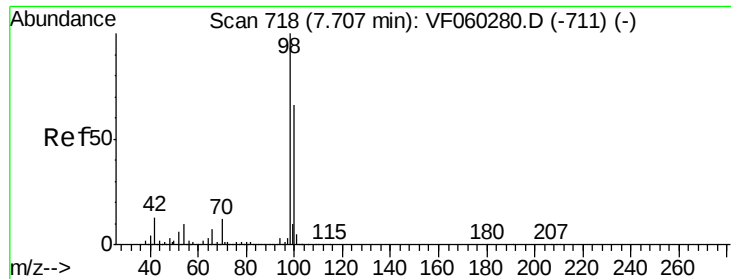
Tot Ion: 41 Resp: 444
Ion Ratio Lower Upper
41 100
69 0.0 62.6 94.0#
39 40.3 49.1 73.7#



#49
1,4-Dioxane
Concen: 278.027 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.02 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 278.1 40.2 60.4#
58 0.0 56.7 85.1#





#50

Toluene-d8

Concen: 33.381 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

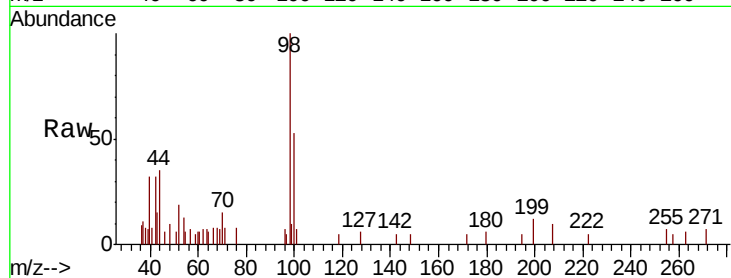
CL-02-092518-A

Tot Ion: 98 Resp: 5316

Ion Ratio Lower Upper

98 100

100 53.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

2500

2000

1500

1000

500

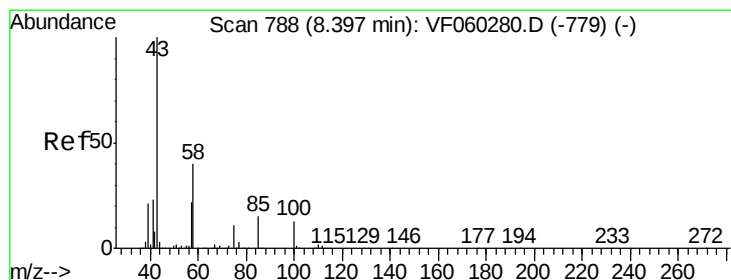
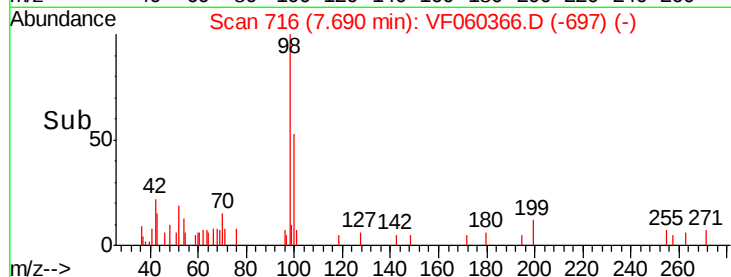
0

7.60

7.70

7.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 15.270 ug/l

RT: 8.42 min Scan# 790

Delta R.T. 0.02 min

Lab File: VF060366.D

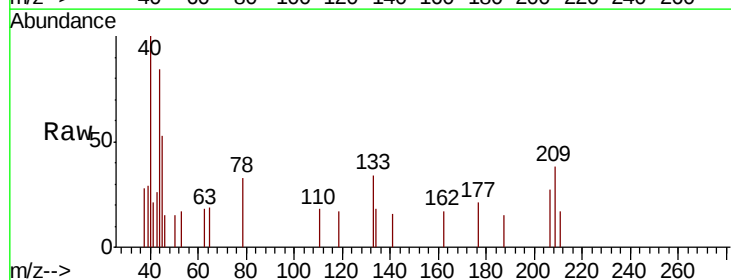
Acq: 26 Sep 2018 21:54

Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

500

400

300

200

100

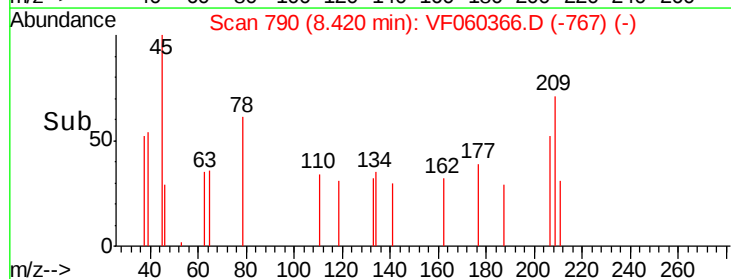
0

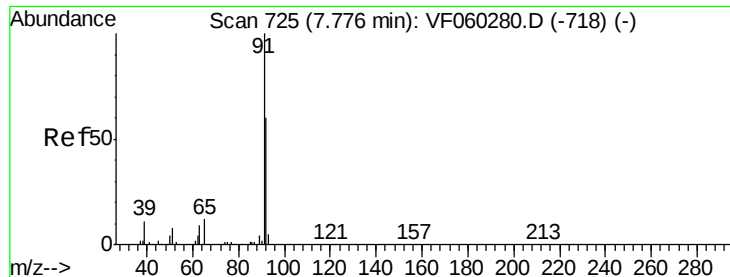
8.35

8.40

8.45

Time-->





#52

Toluene

Concen: 1.206 ug/l

RT: 7.75 min Scan# 722

Delta R.T. -0.03 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

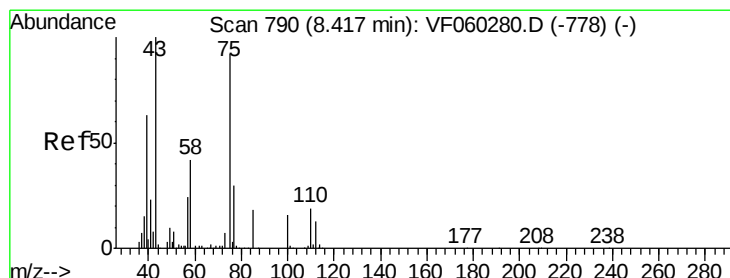
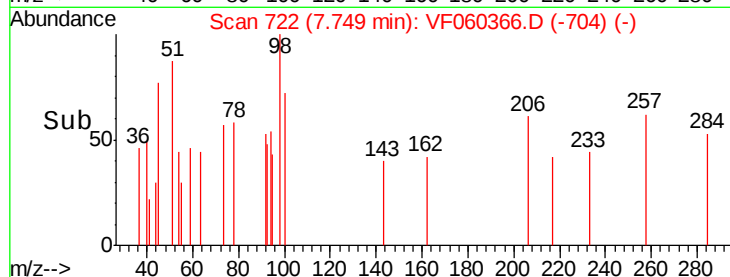
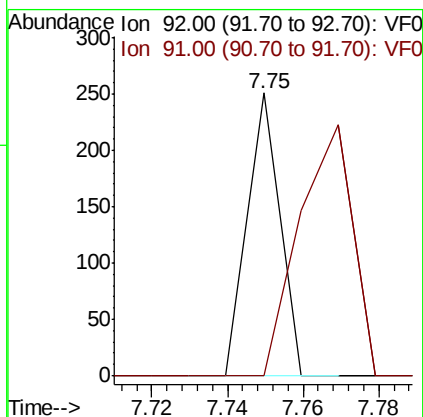
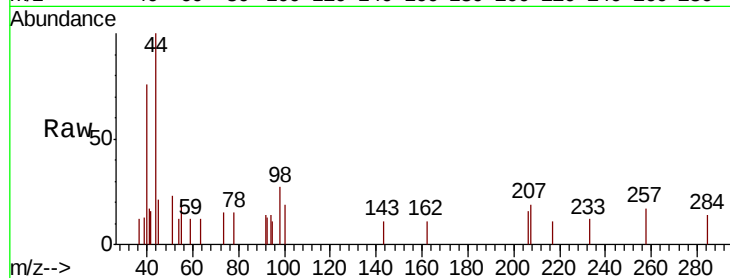
CL-02-092518-A

Tot Ion: 92 Resp: 148

Ion Ratio Lower Upper

92 100

91 0.0 133.3 199.9#



#53

t-1,3-Dichloropropene

Concen: 1.092 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.01 min

Lab File: VF060366.D

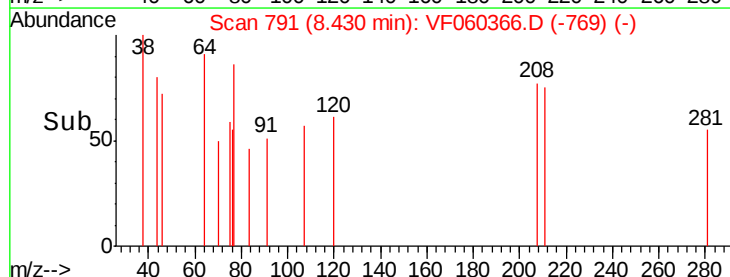
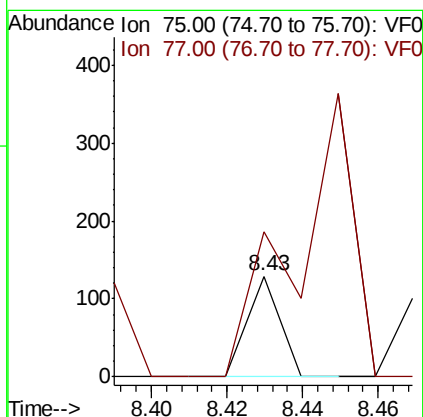
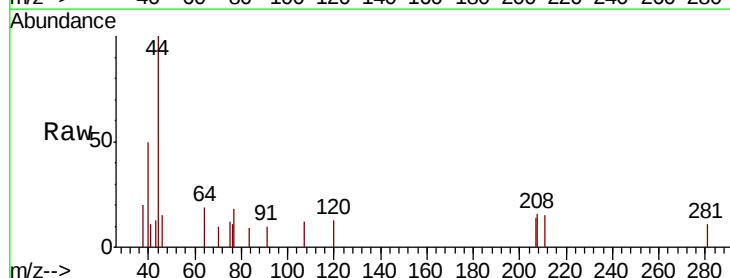
Acq: 26 Sep 2018 21:54

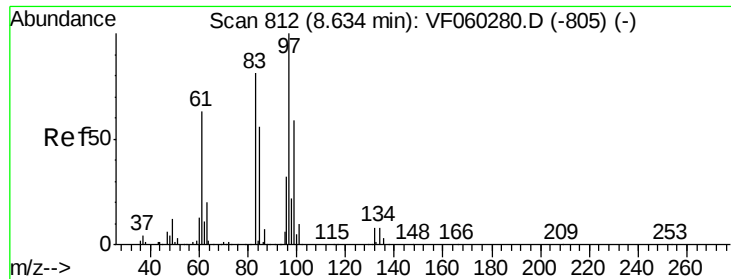
Tgt Ion: 75 Resp: 76

Ion Ratio Lower Upper

75 100

77 144.2 25.9 38.9#





#55

1,1,2-Trichloroethane

Concen: 1.745 ug/l

RT: 8.74 min Scan# 822

Delta R.T. 0.10 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

Tot Ion: 97 Resp: 65

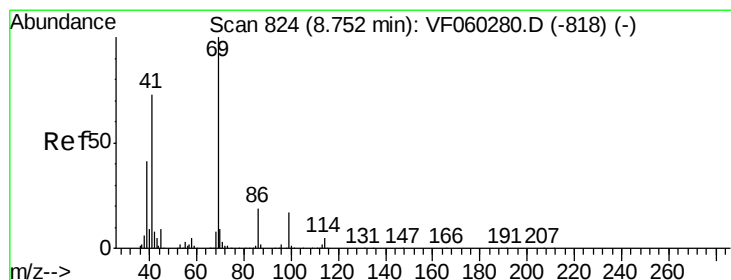
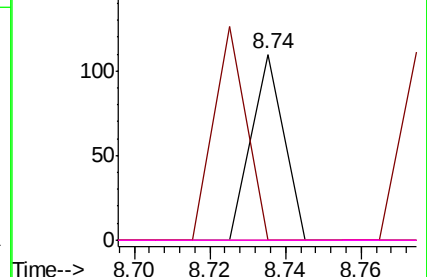
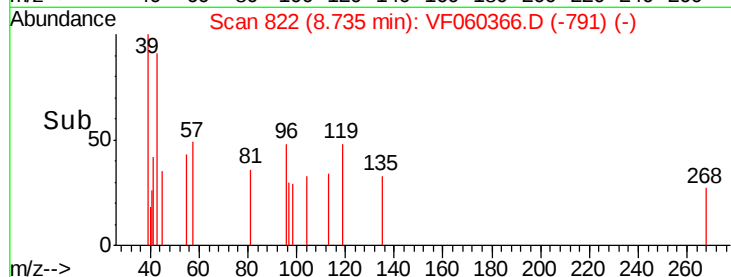
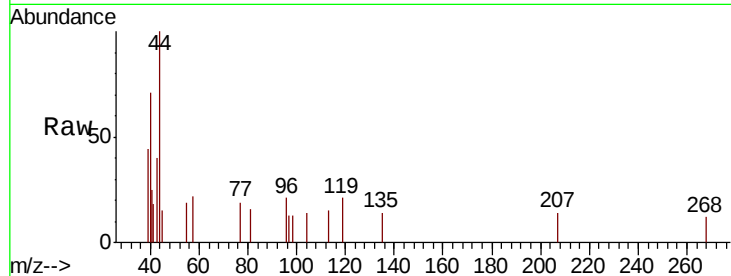
Ion Ratio Lower Upper

97 100

83 0.0 65.3 97.9#

85 0.0 44.7 67.1#

99 0.0 47.0 70.4#



#56

Ethyl methacrylate

Concen: 5.423 ug/l

RT: 8.75 min Scan# 824

Delta R.T. 0.00 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

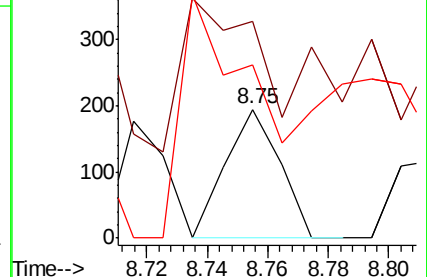
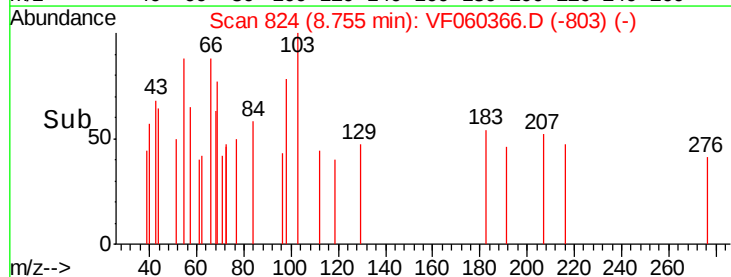
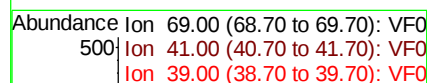
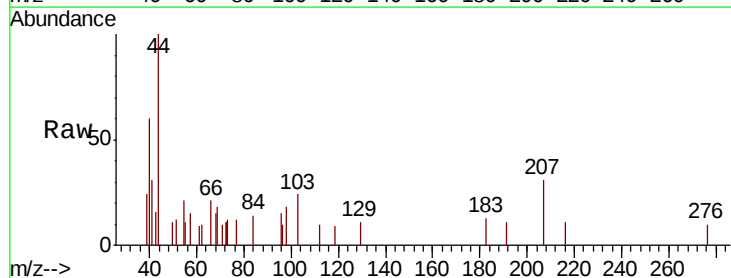
Tgt Ion: 69 Resp: 244

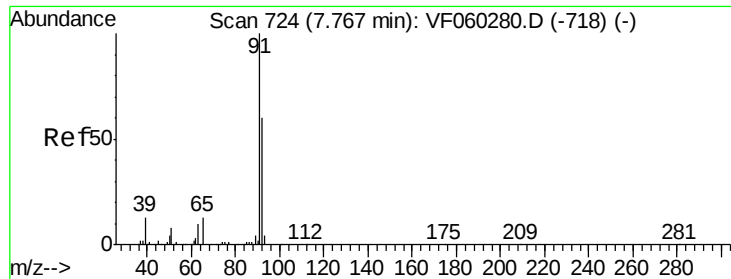
Ion Ratio Lower Upper

69 100

41 167.7 59.4 89.2#

39 133.8 33.5 50.3#





#58

2-Chloroethyl Vinyl ether

Concen: 56.065 ug/l

RT: 7.74 min Scan# 721

Delta R.T. -0.03 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

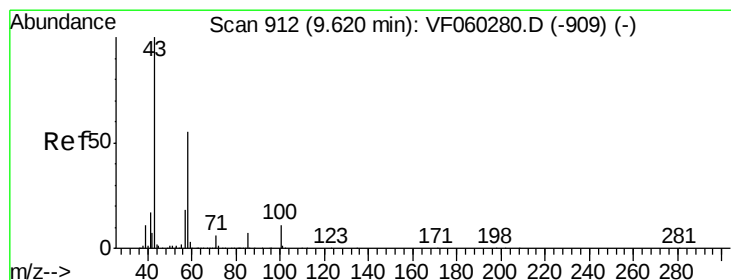
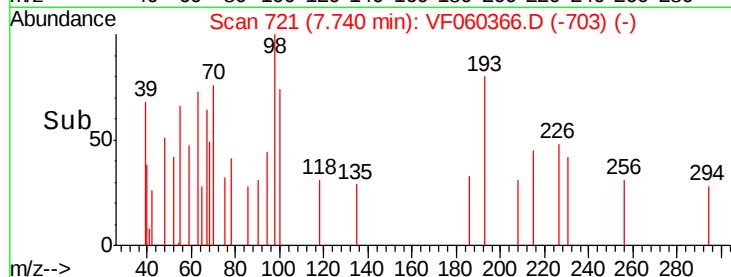
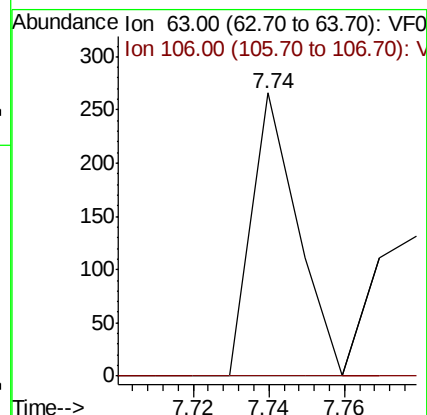
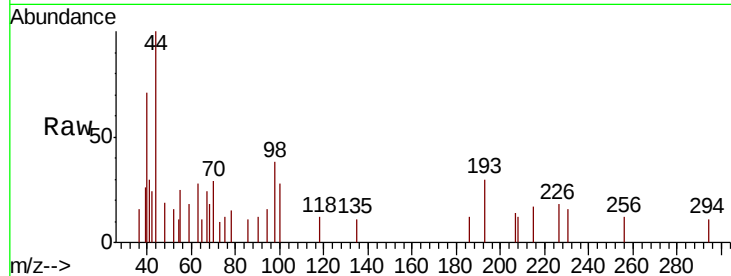
CL-02-092518-A

Tot Ion: 63 Resp: 223

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



#59

2-Hexanone

Concen: 48.914 ug/l

RT: 9.64 min Scan# 914

Delta R.T. 0.02 min

Lab File: VF060366.D

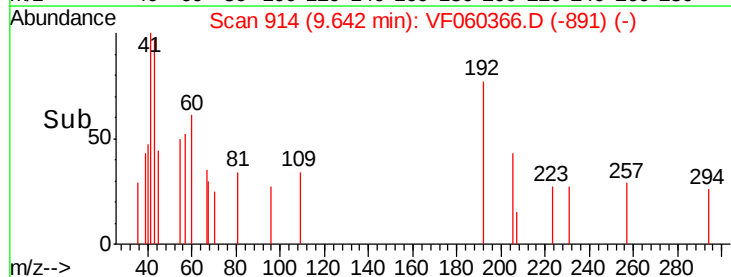
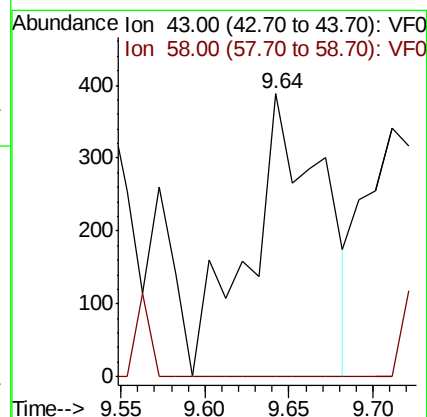
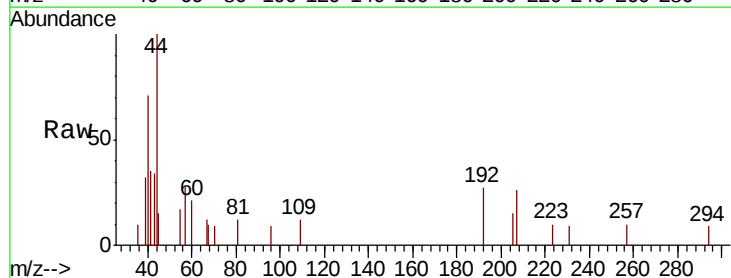
Acq: 26 Sep 2018 21:54

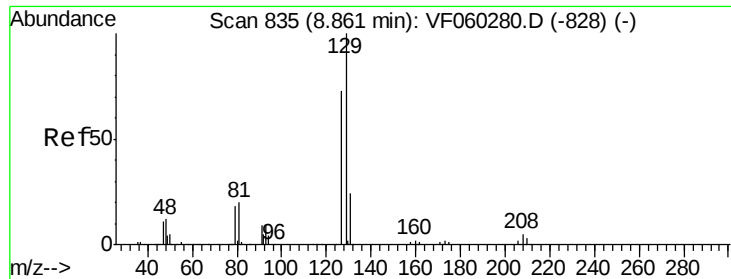
Tgt Ion: 43 Resp: 1170

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.6#





#60

Dibromochloromethane

Concen: 1.279 ug/l

RT: 8.94 min Scan# 843

Delta R.T. 0.08 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

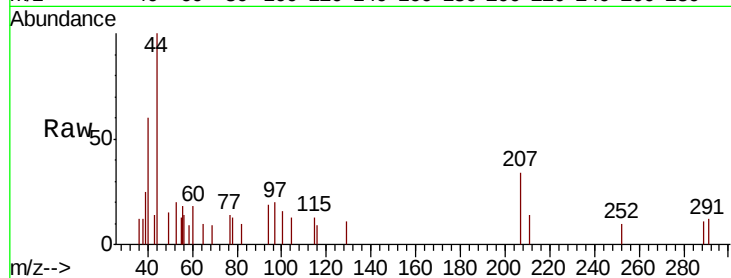
CL-02-092518-A

Tot Ion:129 Resp: 71

Ion Ratio Lower Upper

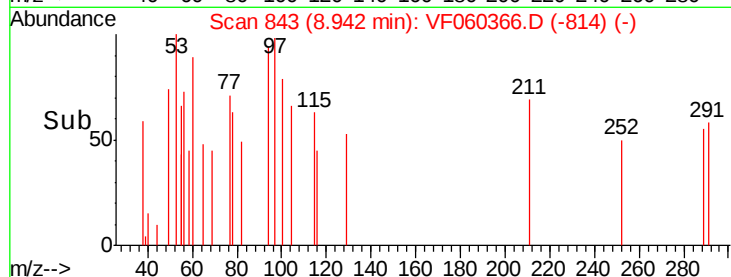
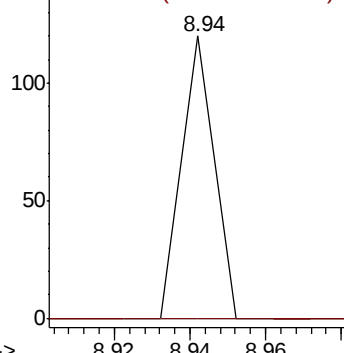
129 100

127 0.0 36.6 109.8#

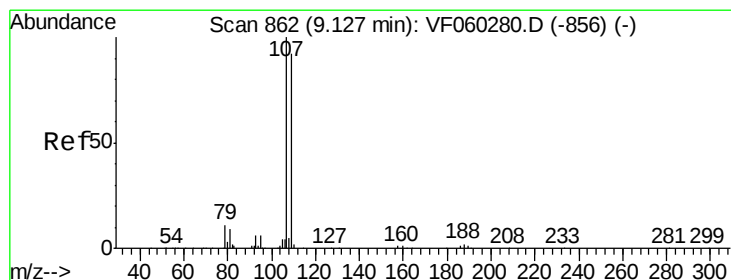


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#61

1,2-Dibromoethane

Concen: 1.446 ug/l

RT: 9.19 min Scan# 868

Delta R.T. 0.06 min

Lab File: VF060366.D

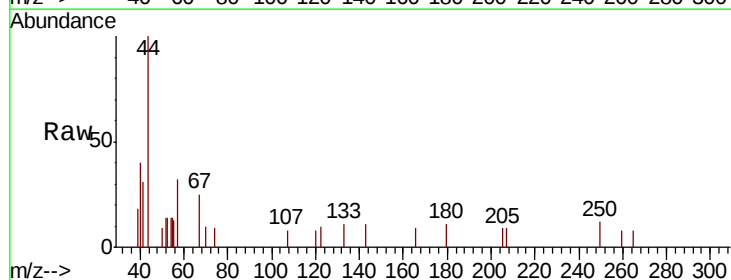
Acq: 26 Sep 2018 21:54

Tgt Ion:107 Resp: 60

Ion Ratio Lower Upper

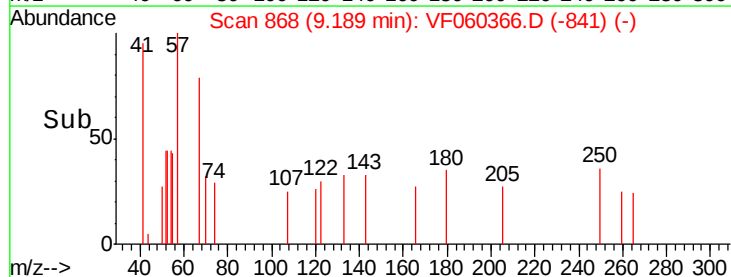
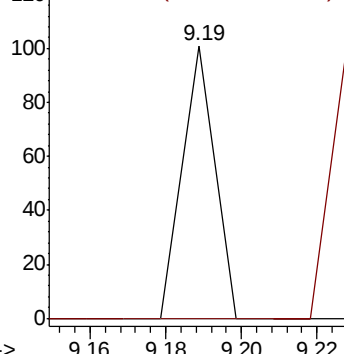
107 100

109 0.0 73.2 109.8#

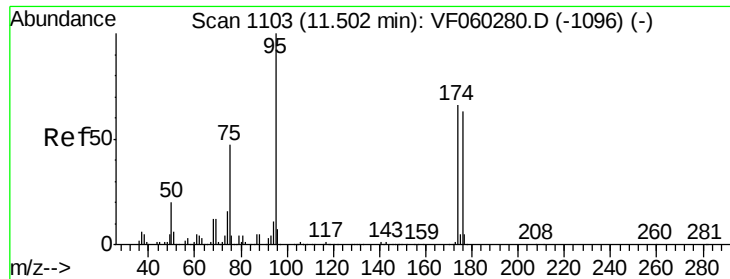


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->



#62

4-Bromofluorobenzene

Concen: 9.500 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

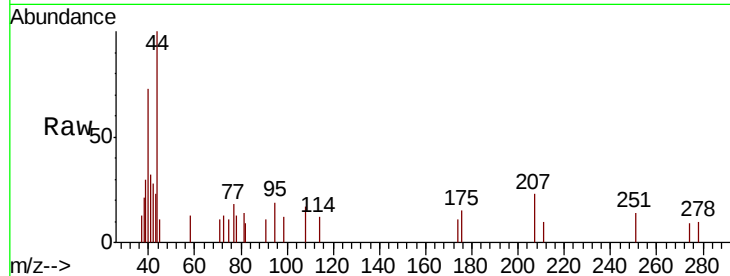
Tot Ion: 95 Resp: 654

Ion Ratio Lower Upper

95 100

174 59.1 0.0 131.2

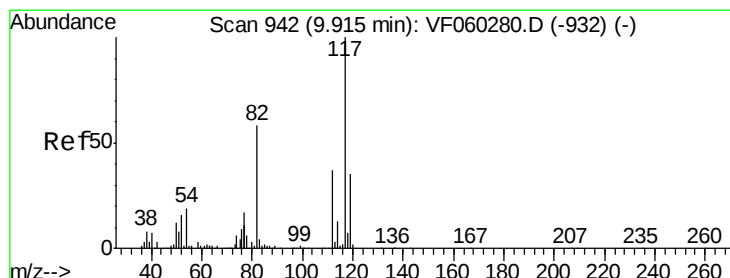
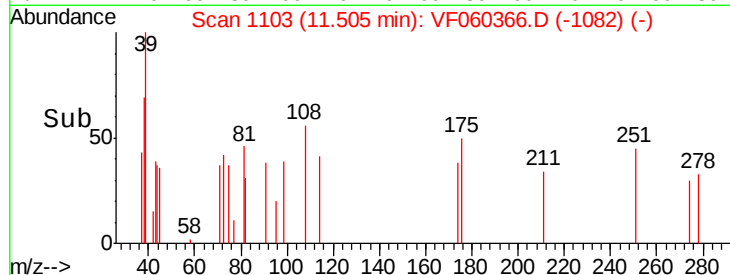
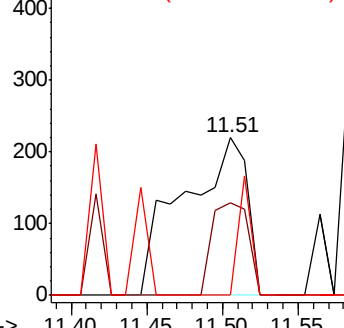
176 0.0 0.0 126.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 941

Delta R.T. -0.01 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

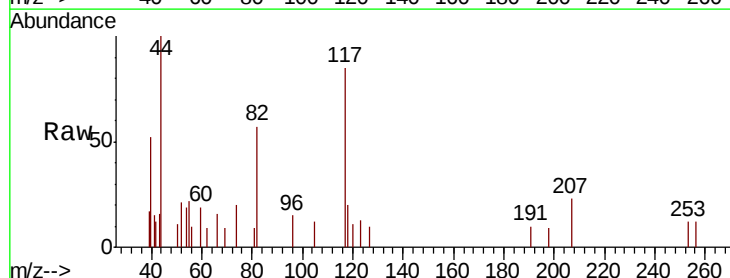
Tgt Ion: 117 Resp: 2592

Ion Ratio Lower Upper

117 100

82 66.9 46.2 69.2

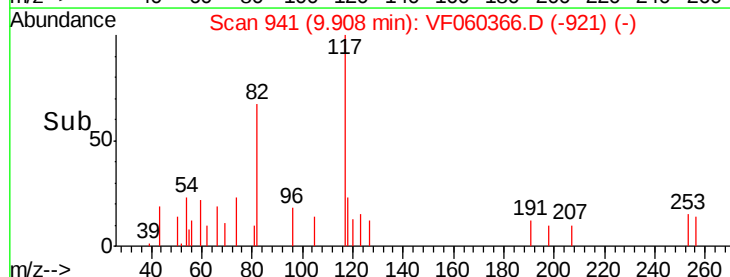
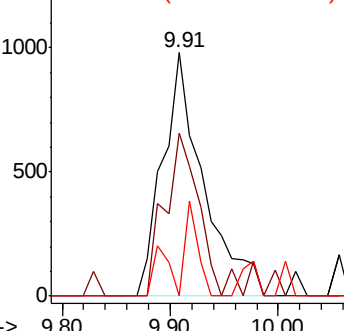
119 0.0 27.8 41.6#

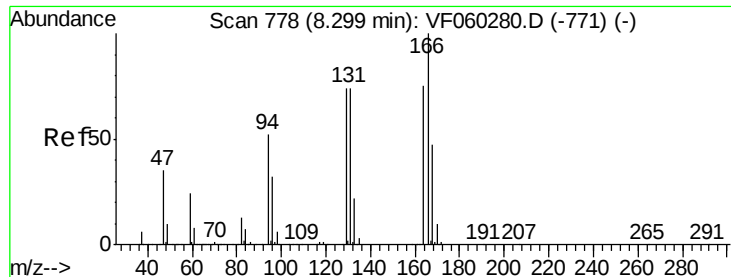


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#64

Tetrachloroethene

Concen: 3.064 ug/l

RT: 8.29 min Scan# 777

Delta R.T. -0.01 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

Tot Ion:164 Resp: 72

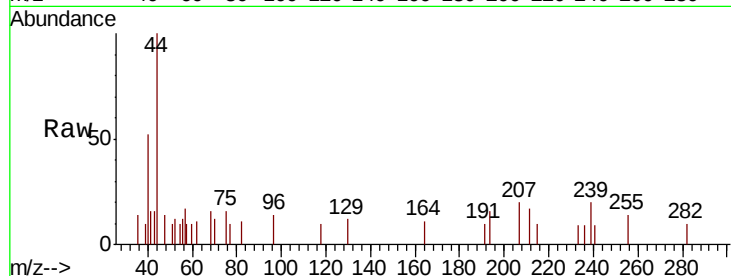
Ion Ratio Lower Upper

164 100

166 0.0 106.8 160.2#

129 105.7 78.8 118.2

131 0.0 78.7 118.1#

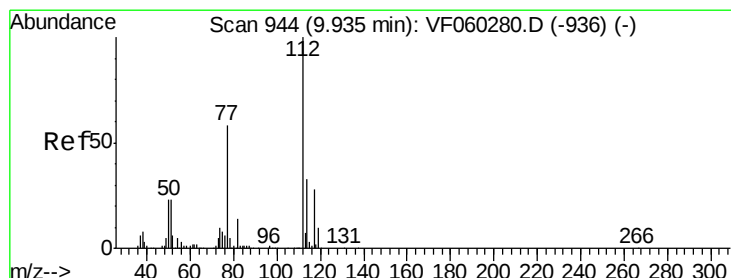
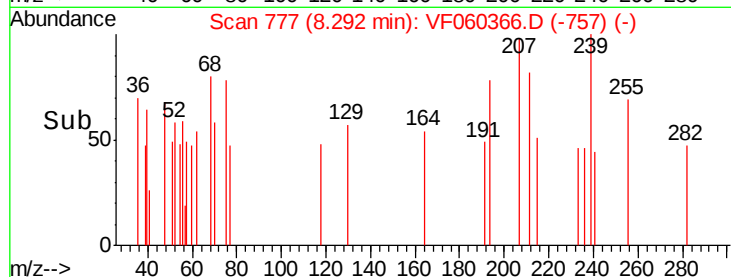
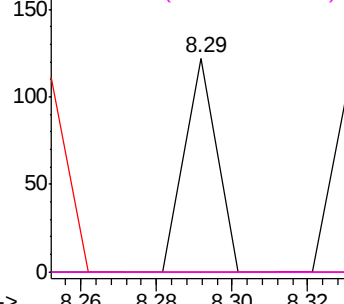


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#65

Chlorobenzene

Concen: 1.243 ug/l

RT: 9.82 min Scan# 932

Delta R.T. -0.12 min

Lab File: VF060366.D

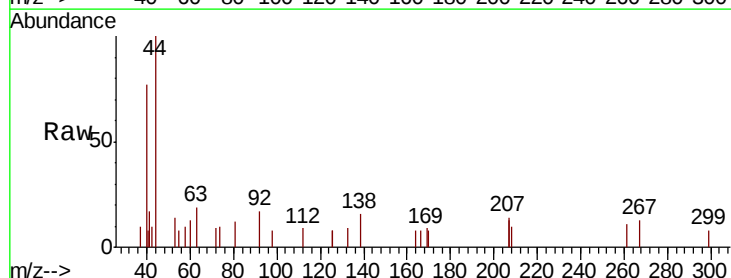
Acq: 26 Sep 2018 21:54

Tgt Ion:112 Resp: 73

Ion Ratio Lower Upper

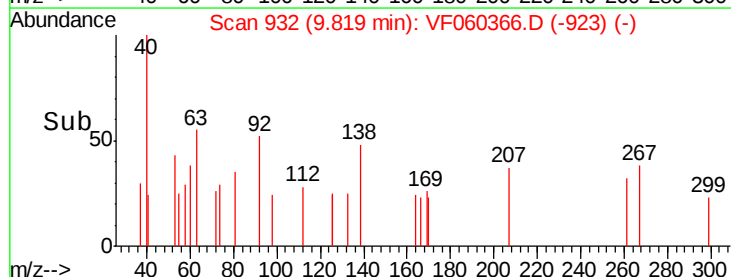
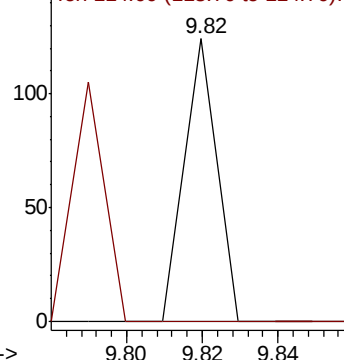
112 100

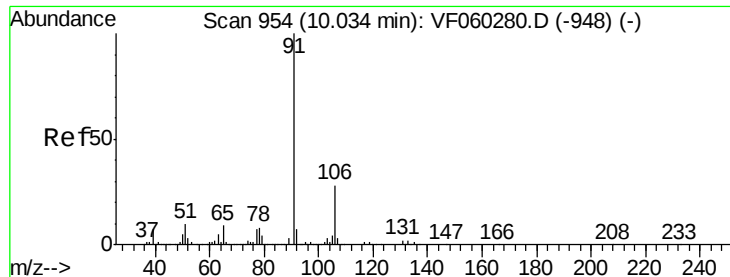
114 0.0 26.6 40.0#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

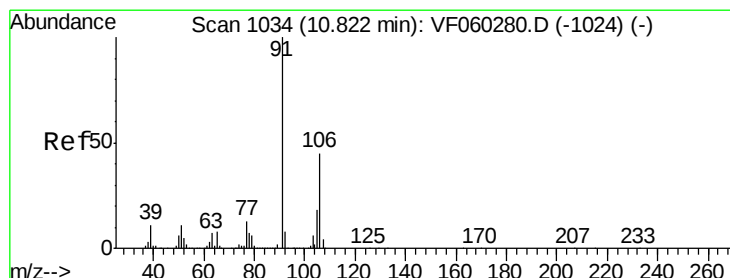
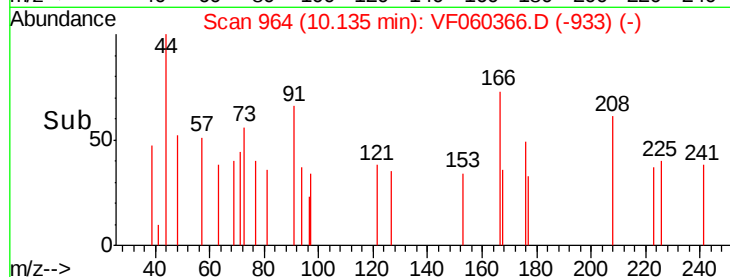
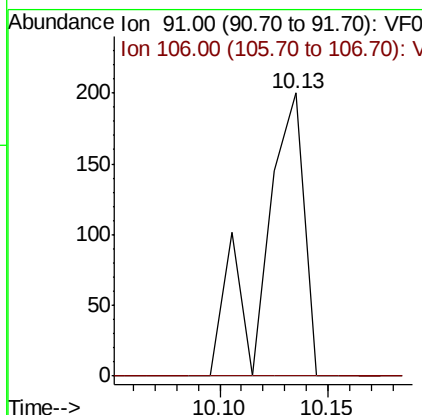
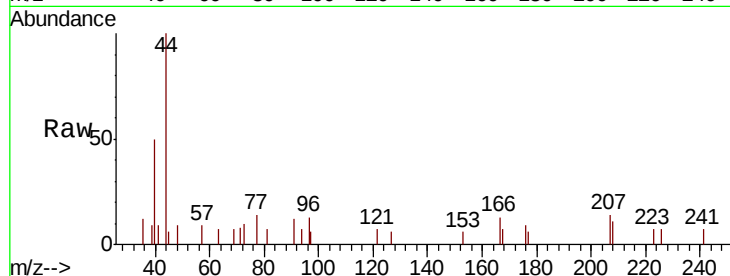




#67
Ethyl Benzene
Concen: 2.431 ug/l
RT: 10.13 min Scan# 964
Delta R.T. 0.10 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

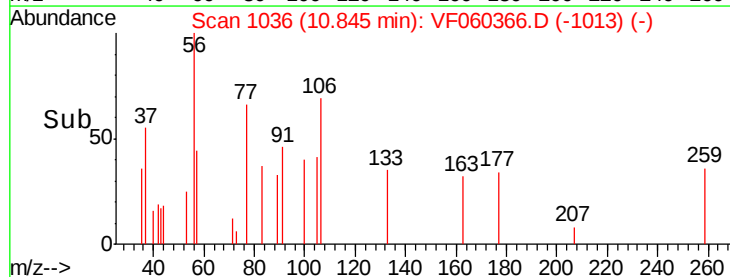
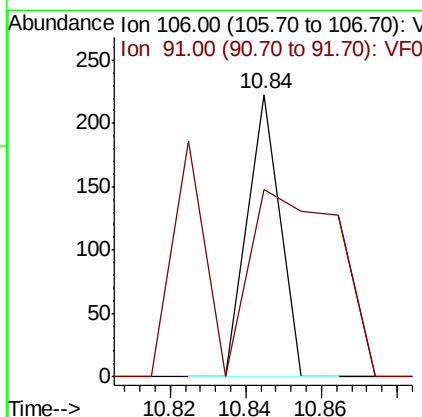
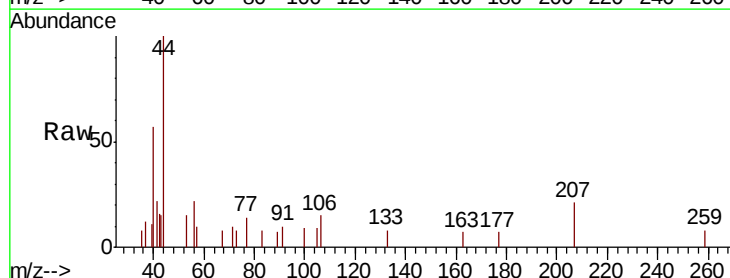
Instrument :
MSVOA_F
ClientSampleId :
CL-02-092518-A

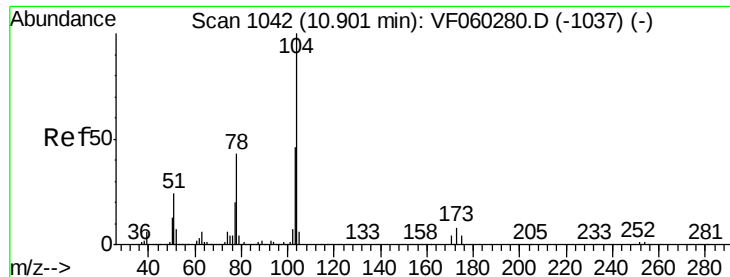
Tot Ion: 91 Resp: 264
Ion Ratio Lower Upper
91 100
106 0.0 22.7 34.1#



#69
o-Xylene
Concen: 3.136 ug/l
RT: 10.84 min Scan# 1036
Delta R.T. 0.02 min
Lab File: VF060366.D
Acq: 26 Sep 2018 21:54

Tgt Ion:106 Resp: 132
Ion Ratio Lower Upper
106 100
91 66.4 110.9 332.6#





#70

Stvrene

Concen: 1.213 ug/l

RT: 10.90 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

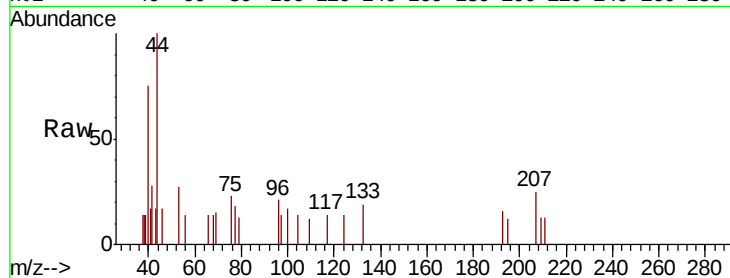
Tot Ion:104 Resp: 72

Ion Ratio Lower Upper

104 100

78 0.0 35.0 52.6#

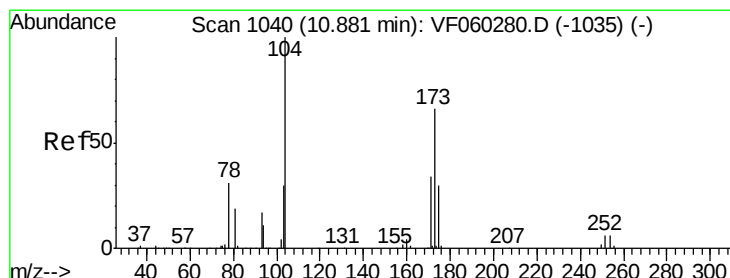
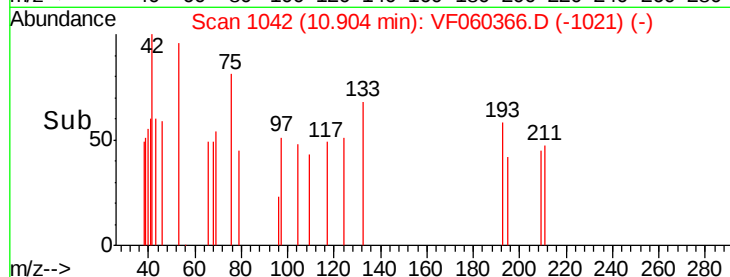
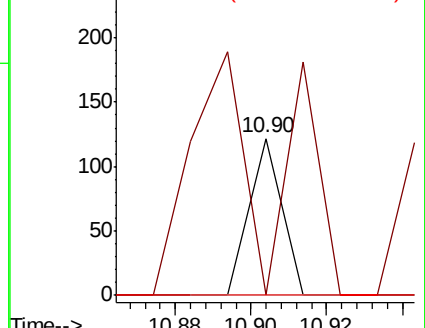
103 0.0 37.4 56.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 4.481 ug/l

RT: 10.81 min Scan# 1032

Delta R.T. -0.08 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

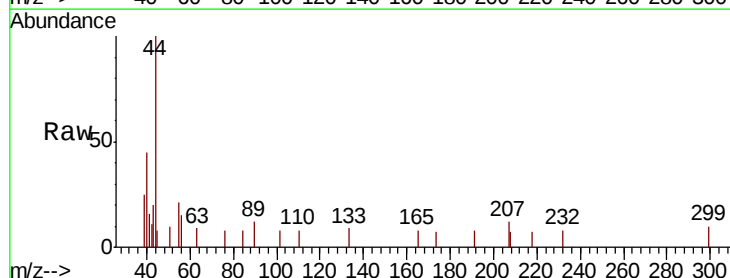
Tgt Ion:173 Resp: 60

Ion Ratio Lower Upper

173 100

175 0.0 22.3 66.9#

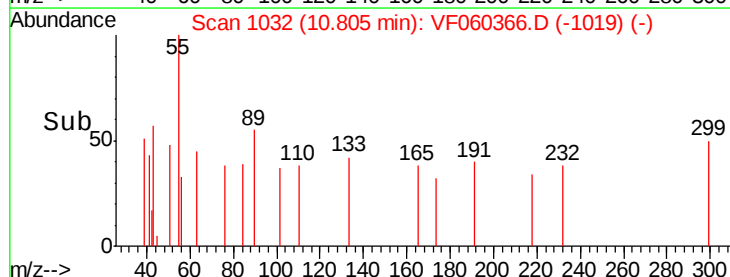
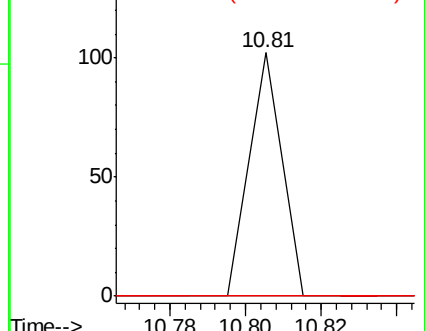
254 0.0 0.0 0.0

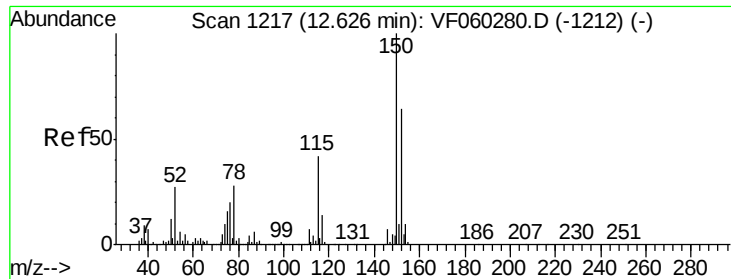


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

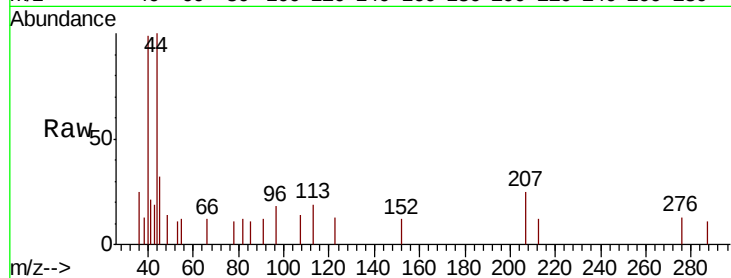
Tot Ion:152 Resp: 67

Ion Ratio Lower Upper

152 100

115 0.0 32.6 97.8#

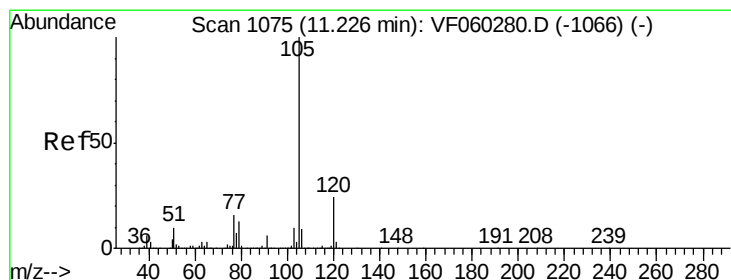
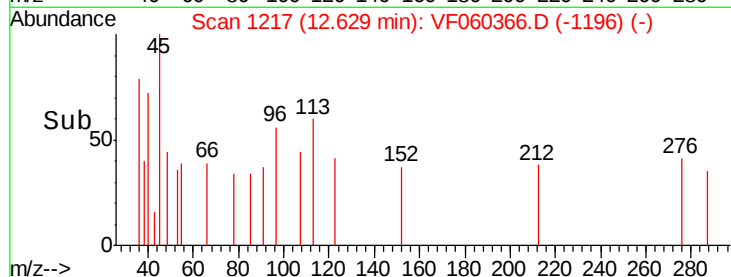
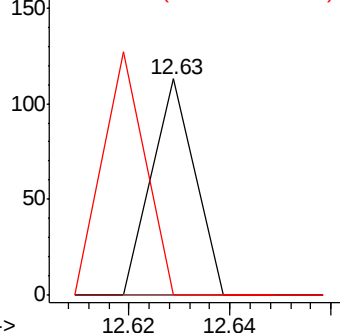
150 0.0 0.0 314.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#73

Isopropylbenzene

Concen: 23.276 ug/l

RT: 11.19 min Scan# 1071

Delta R.T. -0.04 min

Lab File: VF060366.D

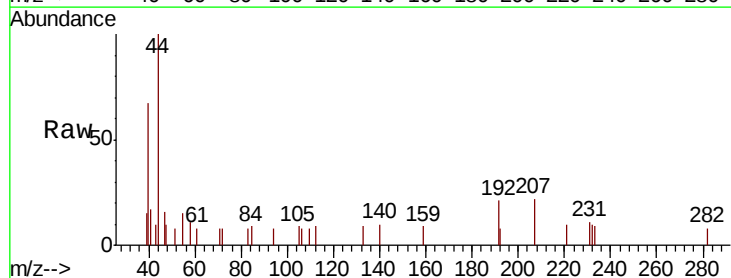
Acq: 26 Sep 2018 21:54

Tgt Ion:105 Resp: 140

Ion Ratio Lower Upper

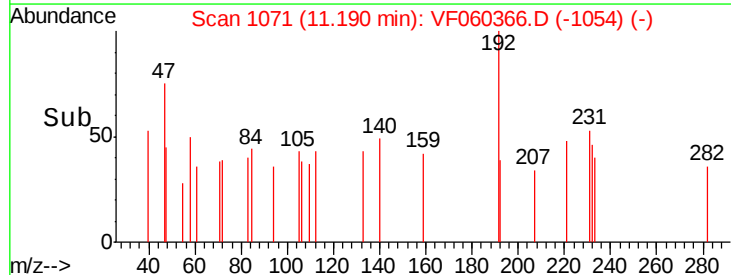
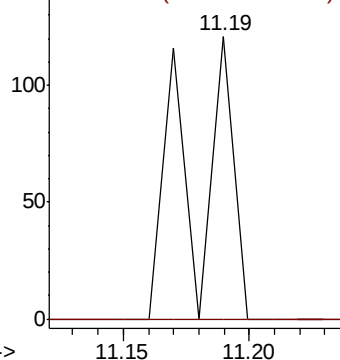
105 100

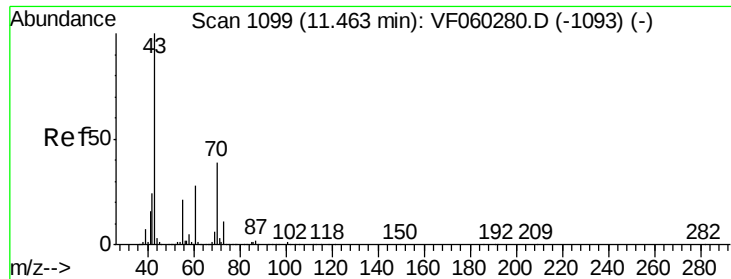
120 0.0 12.2 36.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 364.879 ug/l

RT: 11.46 min Scan# 1098

Delta R.T. -0.01 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

Tot Ion: 43 Resp: 468

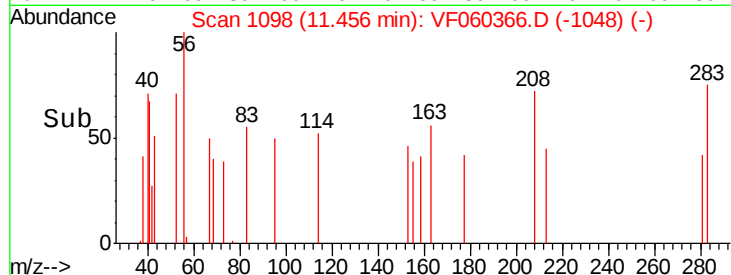
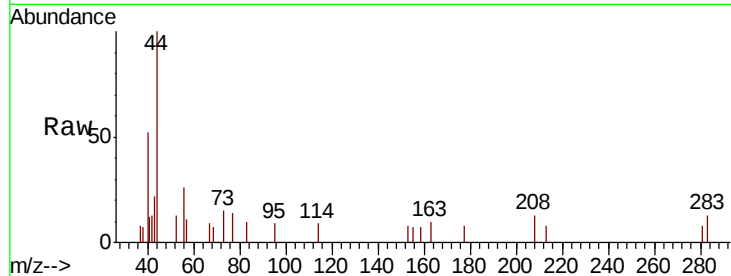
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 0.0 16.8 25.2#

61 0.0 22.6 34.0#

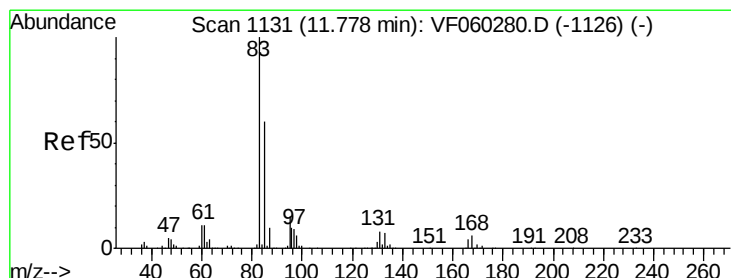
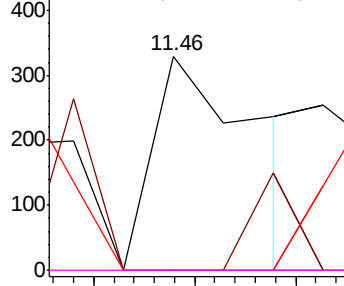


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 64.731 ug/l

RT: 11.82 min Scan# 1135

Delta R.T. 0.04 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

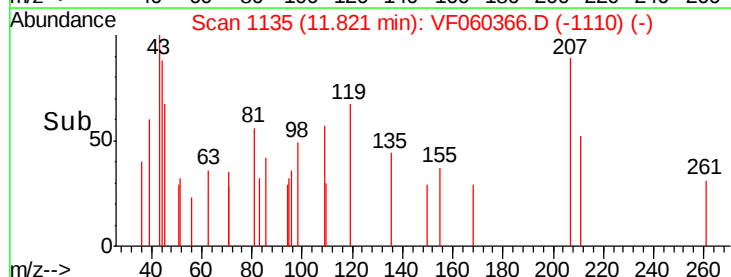
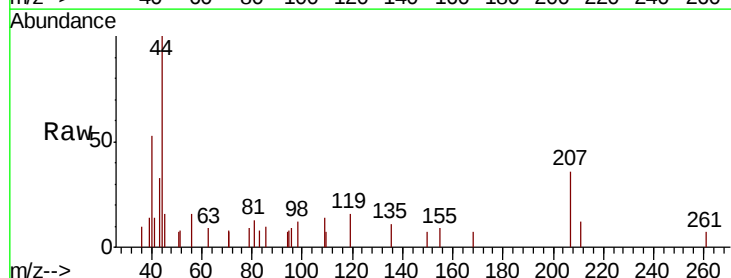
Tgt Ion: 83 Resp: 69

Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

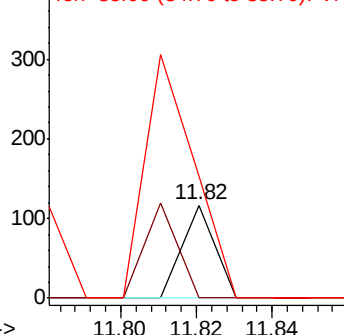
85 130.8 30.1 90.5#

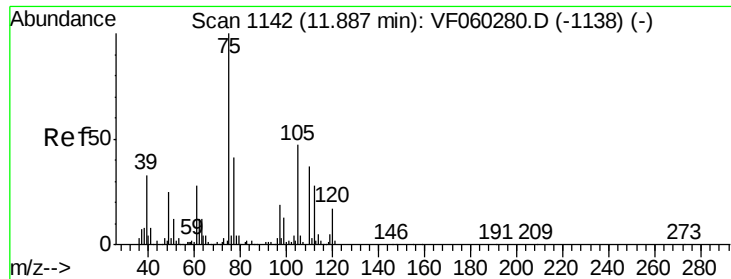


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#76

1,2,3-Trichloropropane

Concen: 85.164 ug/l

RT: 11.86 min Scan# 1139

Delta R.T. -0.03 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

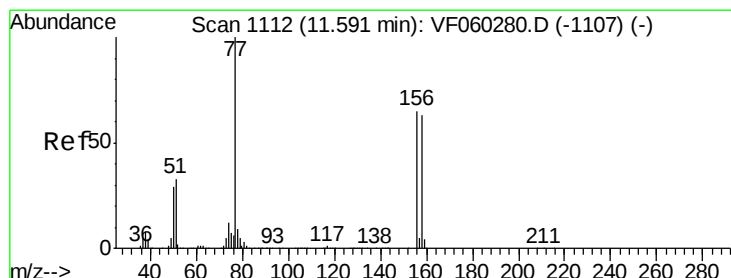
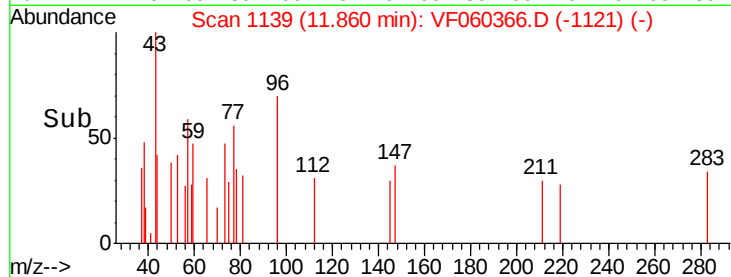
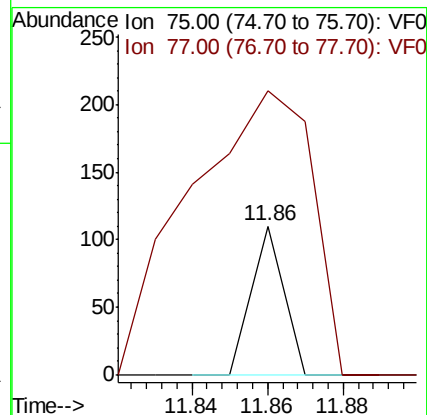
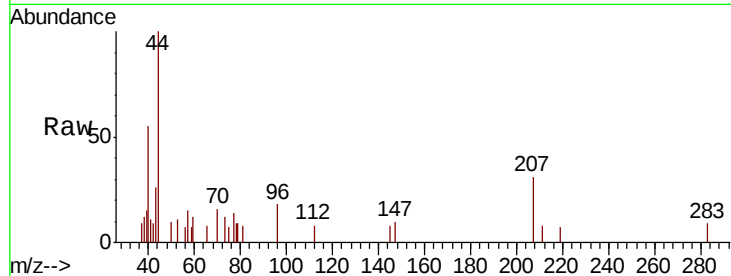
CL-02-092518-A

Tot Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

77 190.9 20.5 61.5#



#77

Bromobenzene

Concen: 46.287 ug/l

RT: 11.63 min Scan# 1116

Delta R.T. 0.04 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

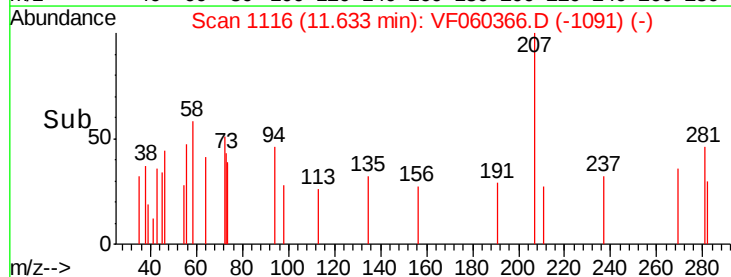
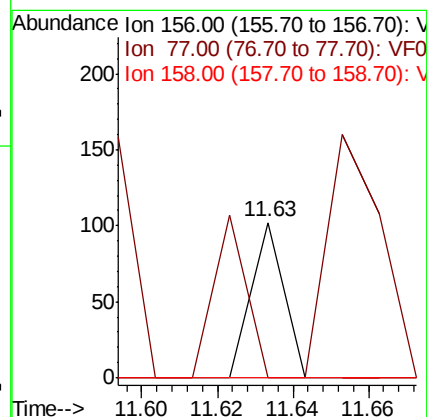
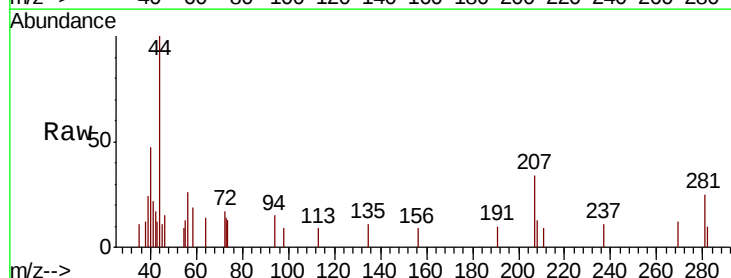
Tgt Ion: 156 Resp: 60

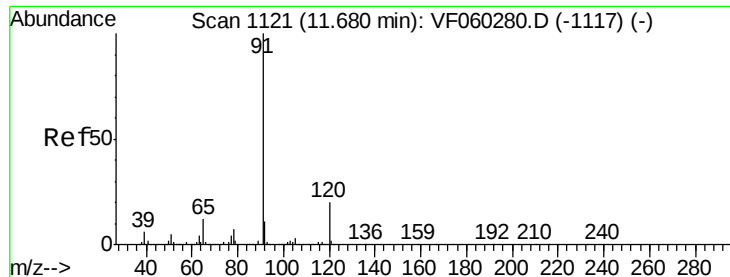
Ion Ratio Lower Upper

156 100

77 0.0 77.3 232.1#

158 0.0 48.4 145.2#





#78

n-propylbenzene

Concen: 2.131 ug/l

RT: 11.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

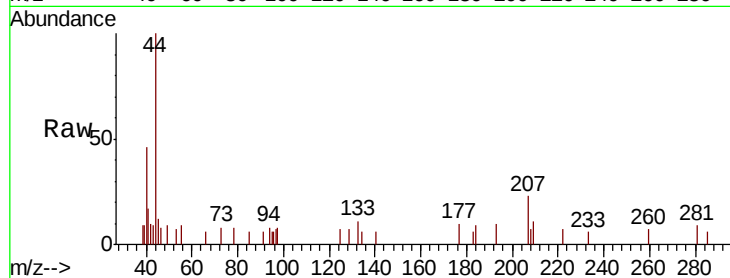
CL-02-092518-A

Tot Ion: 91 Resp: 60

Ion Ratio Lower Upper

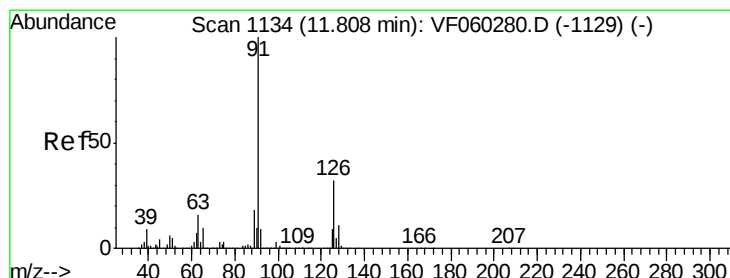
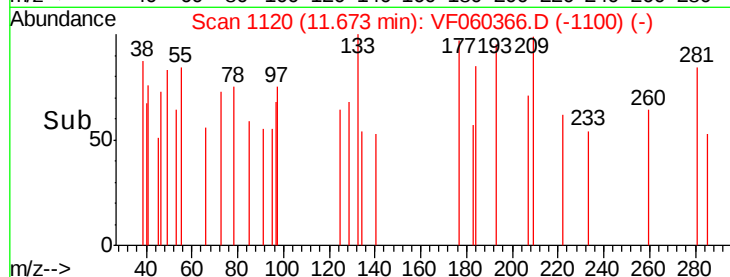
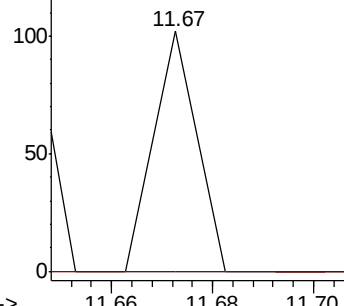
91 100

120 0.0 10.0 29.8#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 19.471 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VF060366.D

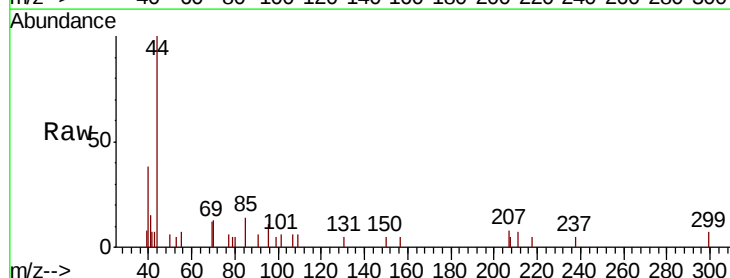
Acq: 26 Sep 2018 21:54

Tgt Ion: 91 Resp: 79

Ion Ratio Lower Upper

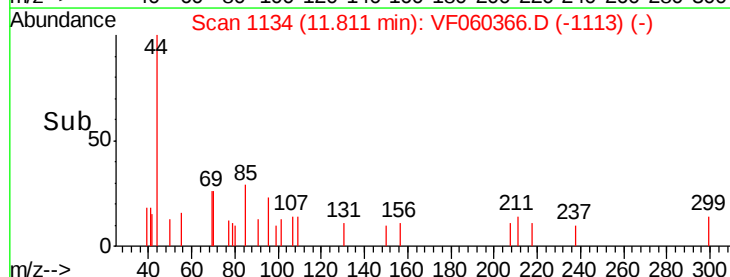
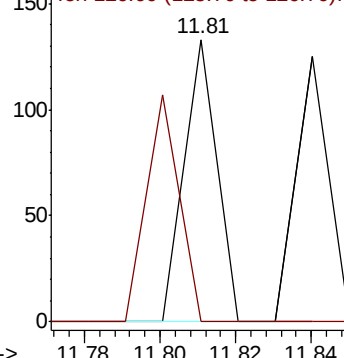
91 100

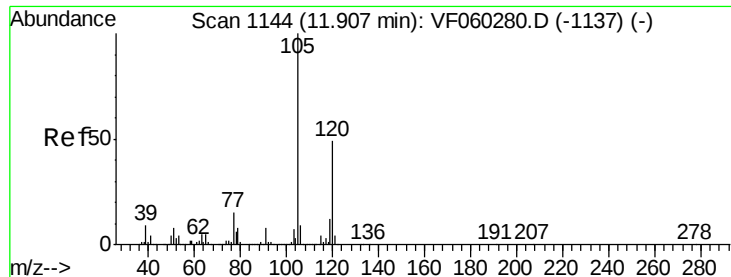
126 0.0 16.1 48.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#80

1,3,5-Trimethylbenzene

Concen: 12.599 ug/l

RT: 11.96 min Scan# 1149

Delta R.T. 0.05 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

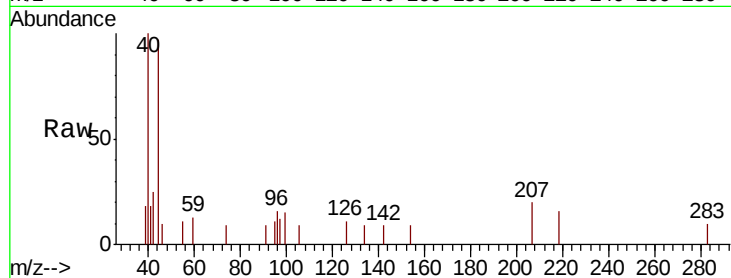
CL-02-092518-A

Tot Ion: 105 Resp: 61

Ion Ratio Lower Upper

105 100

120 0.0 24.4 73.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.96

100

80

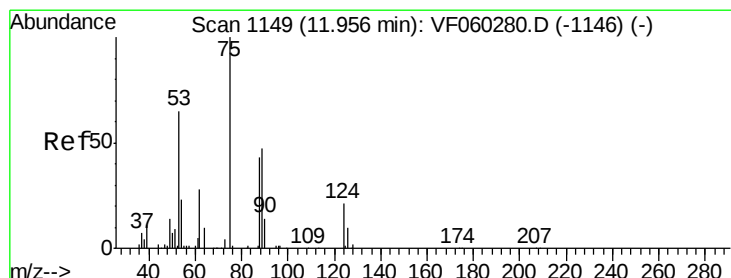
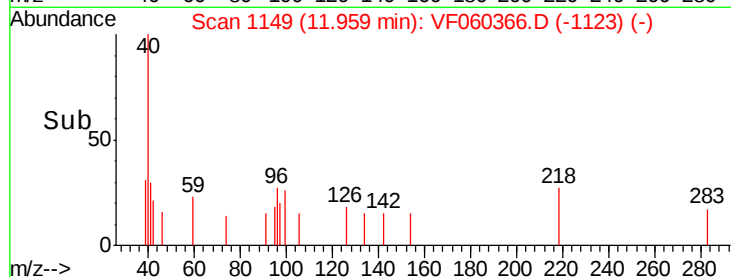
60

40

20

0

Time--> 11.92 11.94 11.96 11.98



#81

trans-1,4-Dichloro-2-butene

Concen: 386.761 ug/l

RT: 11.98 min Scan# 1151

Delta R.T. 0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

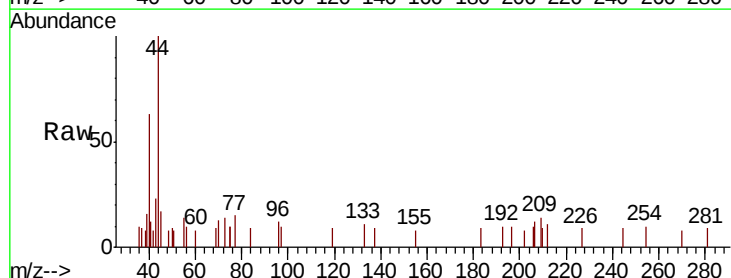
Tgt Ion: 75 Resp: 156

Ion Ratio Lower Upper

75 100

53 0.0 56.5 84.7#

89 0.0 40.6 60.8#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

11.98

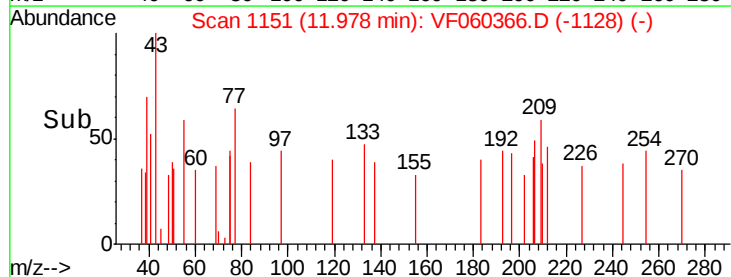
300

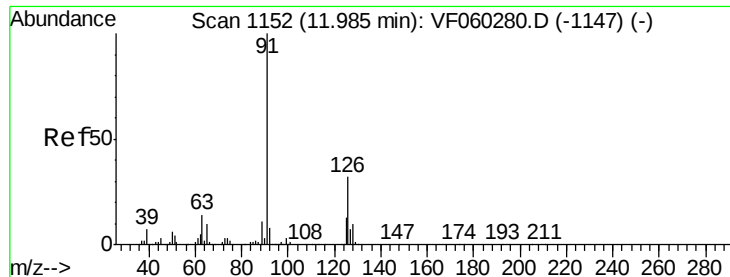
200

100

0

Time--> 11.94 11.96 11.98 12.00





#82

4-Chlorotoluene

Concen: 14.468 ug/l

RT: 12.03 min Scan# 1156

Delta R.T. 0.04 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

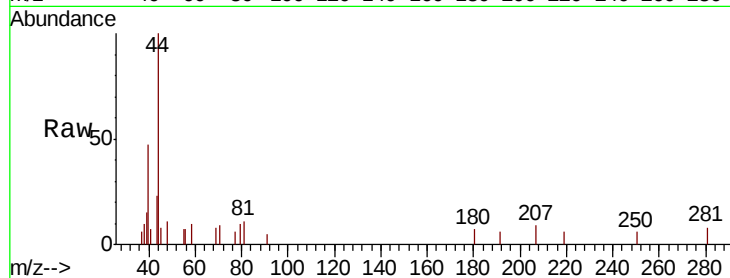
CL-02-092518-A

Tot Ion: 91 Resp: 59

Ion Ratio Lower Upper

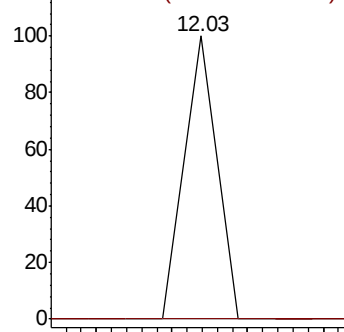
91 100

126 0.0 16.1 48.2#

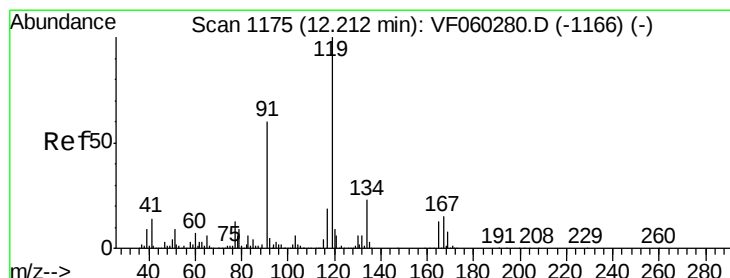
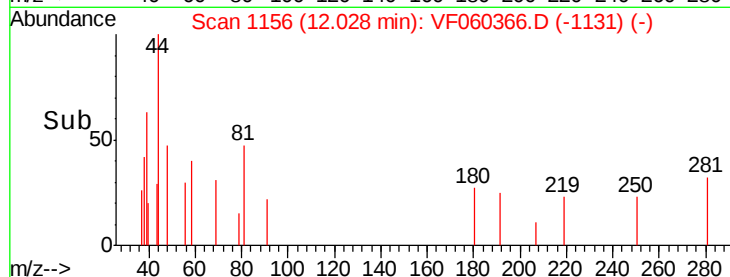


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



Time-->



#83

tert-Butylbenzene

Concen: 12.225 ug/l

RT: 12.26 min Scan# 1180

Delta R.T. 0.05 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

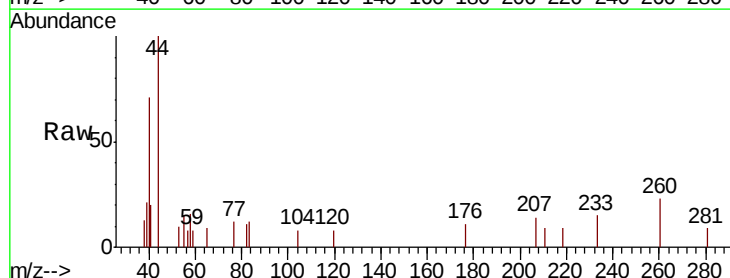
Tgt Ion: 119 Resp: 60

Ion Ratio Lower Upper

119 100

91 0.0 30.3 91.0#

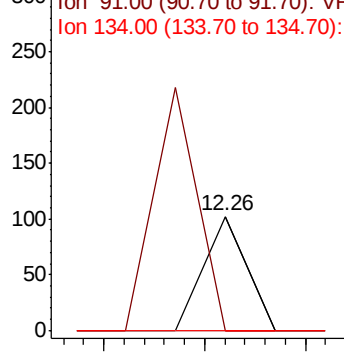
134 0.0 11.6 34.8#



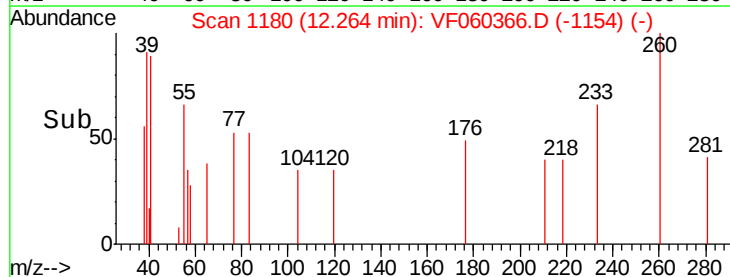
Abundance Ion 119.00 (118.70 to 119.70): V

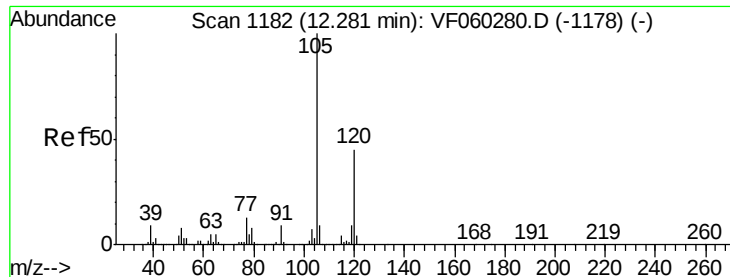
Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



Time-->

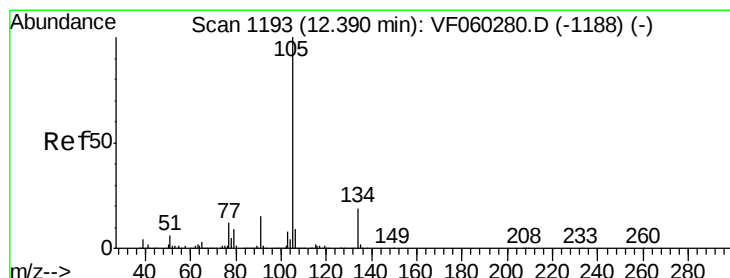
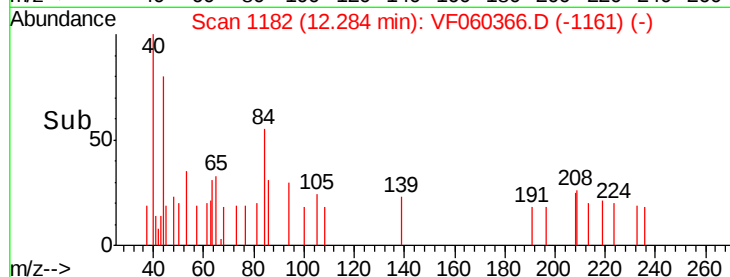
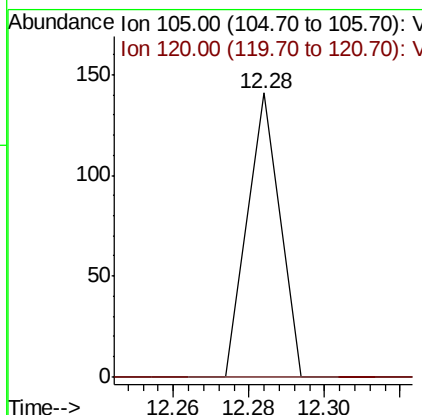
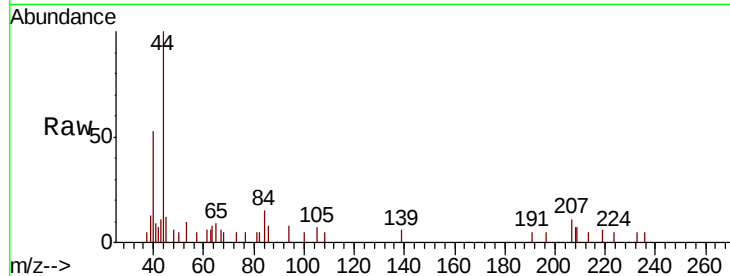




#84
 1,2,4-Trimethylbenzene
 Concen: 16.882 ug/l
 RT: 12.28 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VF060366.D
 Acq: 26 Sep 2018 21:54

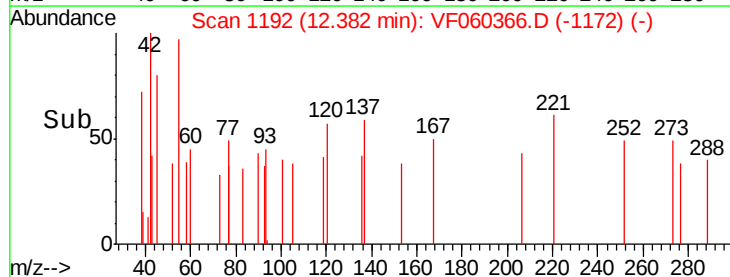
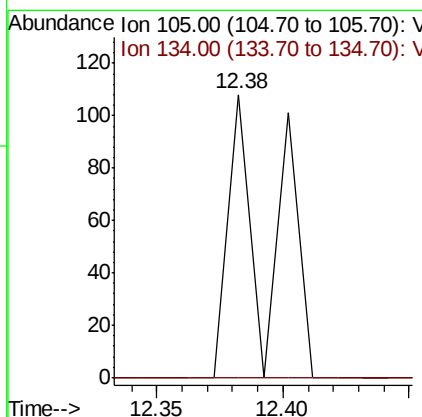
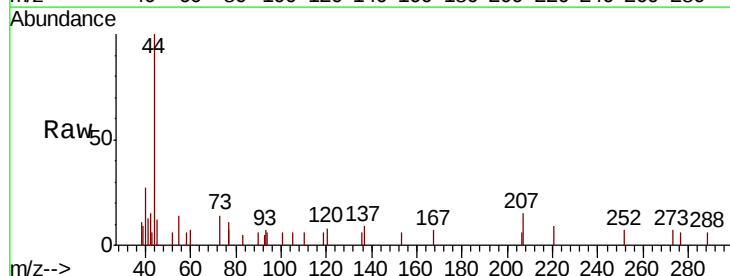
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-092518-A

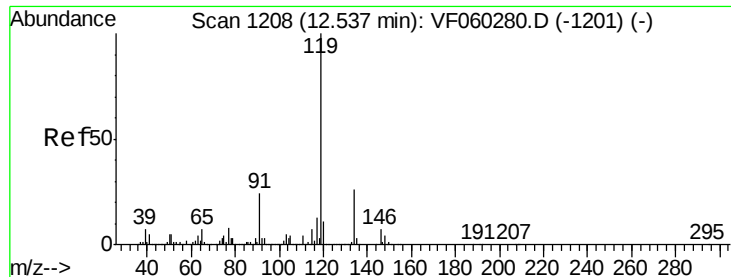
Tot Ion:105 Resp: 83
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.4 67.0#



#85
 sec-Butylbenzene
 Concen: 16.016 ug/l
 RT: 12.38 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: VF060366.D
 Acq: 26 Sep 2018 21:54

Tgt Ion:105 Resp: 124
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#





#86

p-Isopropyltoluene

Concen: 12.184 ug/l

RT: 12.52 min Scan# 1206

Delta R.T. -0.02 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

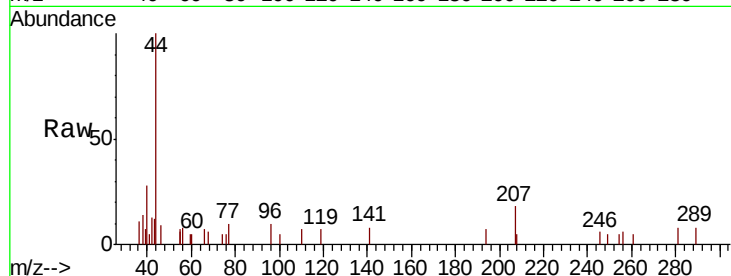
Tot Ion:119 Resp: 83

Ion Ratio Lower Upper

119 100

134 0.0 12.9 38.7#

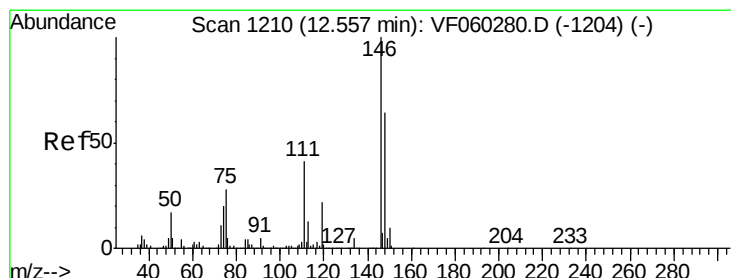
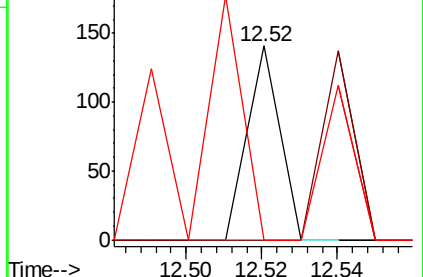
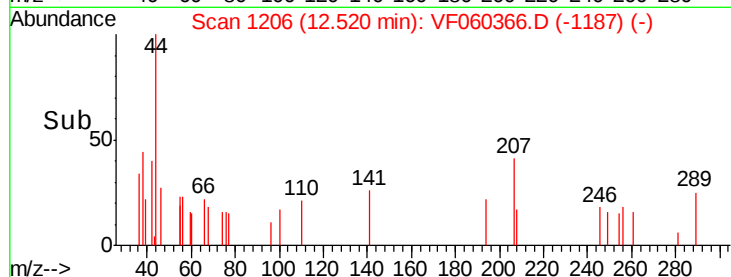
91 0.0 11.9 35.7#



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: 30.137 ug/l

RT: 12.39 min Scan# 1193

Delta R.T. -0.16 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

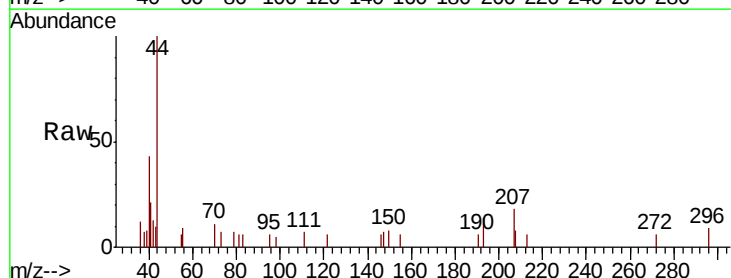
Tgt Ion:146 Resp: 73

Ion Ratio Lower Upper

146 100

111 108.9 20.5 61.6#

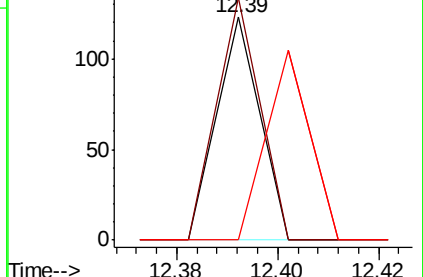
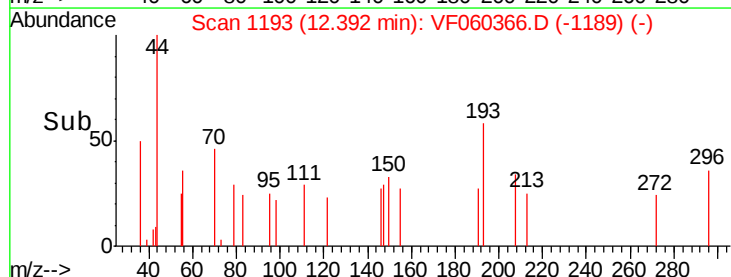
148 0.0 32.2 96.6#

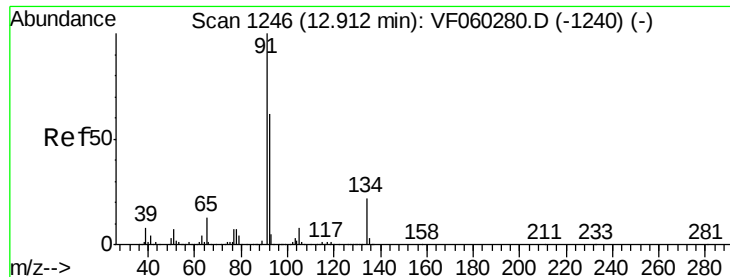


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 7.269 ug/l

RT: 12.95 min Scan# 1250

Delta R.T. 0.04 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleID :

CL-02-092518-A

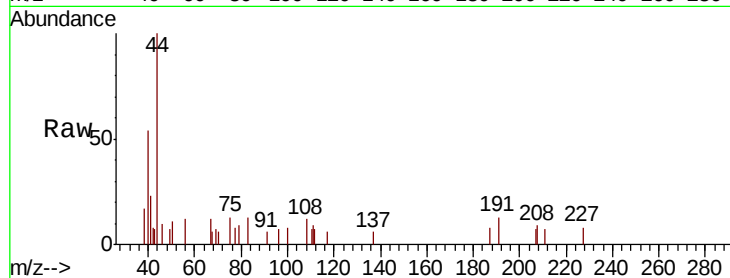
Tot Ion: 91 Resp: 59

Ion Ratio Lower Upper

91 100

92 0.0 31.1 93.5#

134 0.0 11.0 33.0#

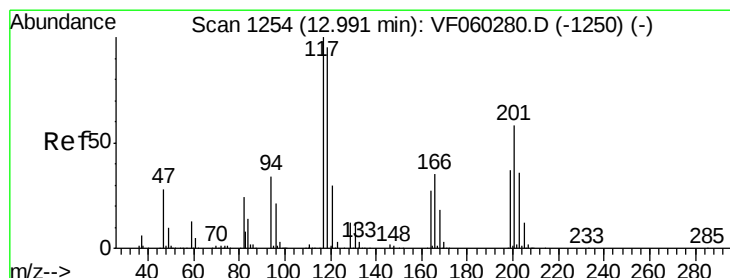
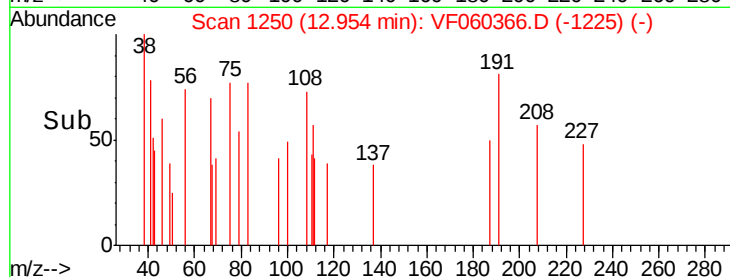


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

Time-->



#90

Hexachloroethane

Concen: 46.599 ug/l

RT: 12.95 min Scan# 1250

Delta R.T. -0.04 min

Lab File: VF060366.D

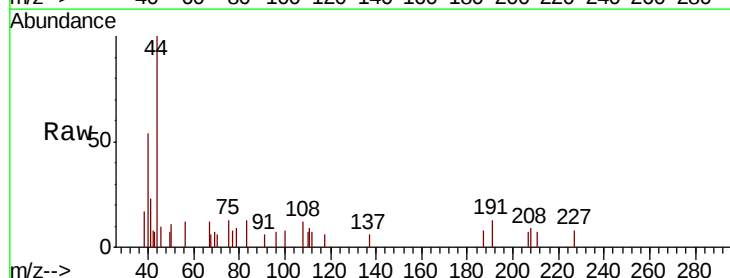
Acq: 26 Sep 2018 21:54

Tgt Ion: 117 Resp: 64

Ion Ratio Lower Upper

117 100

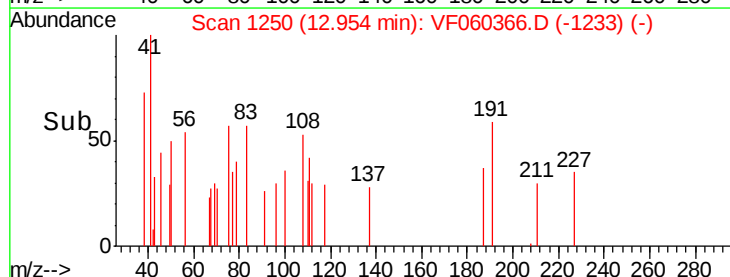
201 0.0 29.0 87.0#

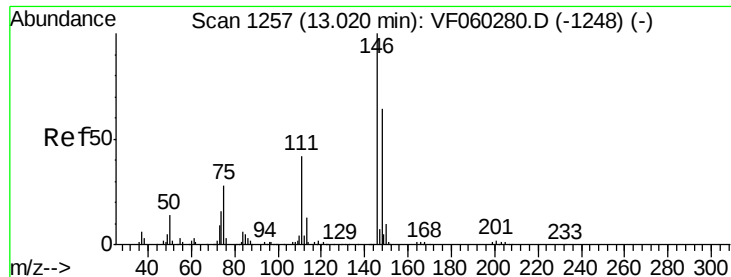


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

Time-->





#91

1,2-Dichlorobenzene

Concen: 28.130 ug/l

RT: 13.10 min Scan# 1265

Delta R.T. 0.08 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

Instrument :

MSVOA_F

ClientSampleId :

CL-02-092518-A

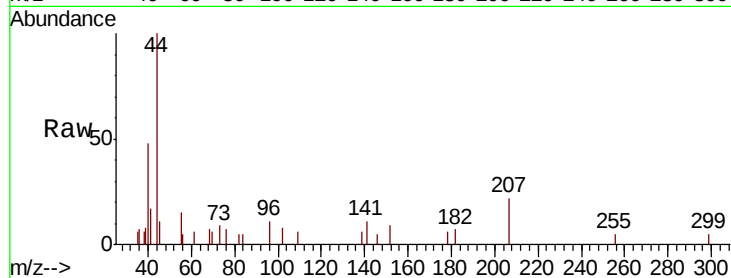
Tot Ion:146 Resp: 65

Ion Ratio Lower Upper

146 100

111 0.0 20.9 62.8#

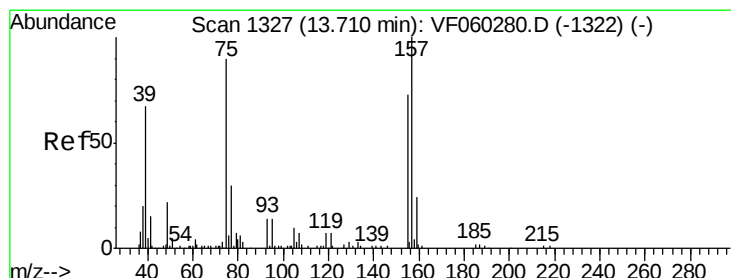
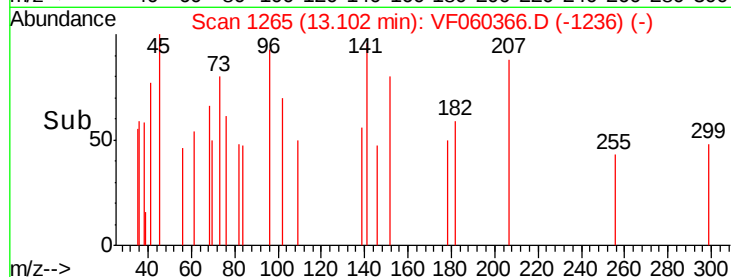
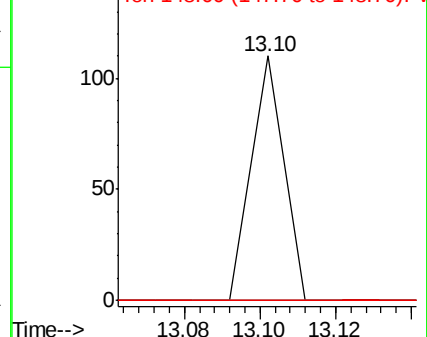
148 0.0 31.9 95.9#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 434.708 ug/l

RT: 13.70 min Scan# 1326

Delta R.T. -0.01 min

Lab File: VF060366.D

Acq: 26 Sep 2018 21:54

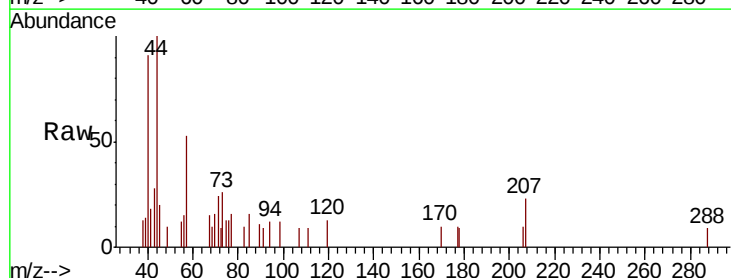
Tgt Ion: 75 Resp: 87

Ion Ratio Lower Upper

75 100

155 0.0 41.9 125.7#

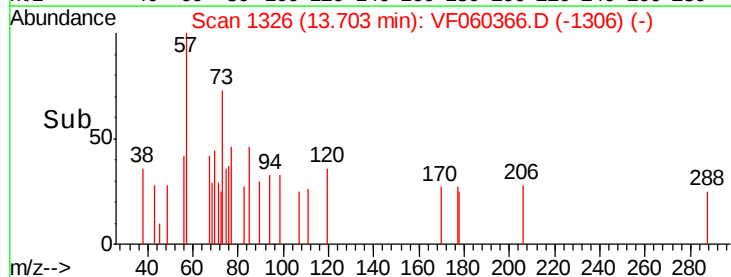
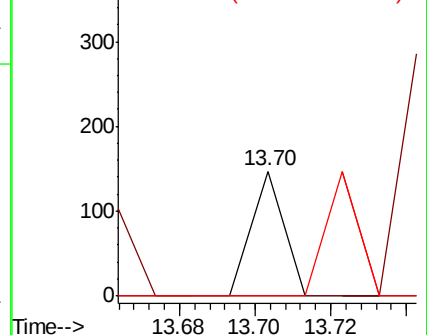
157 0.0 57.4 172.0#

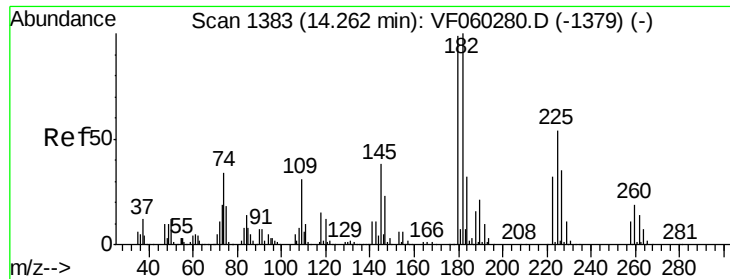


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

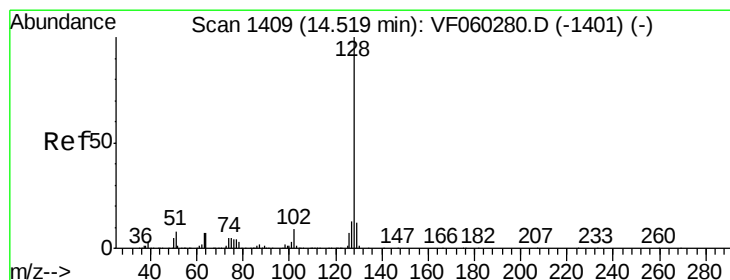
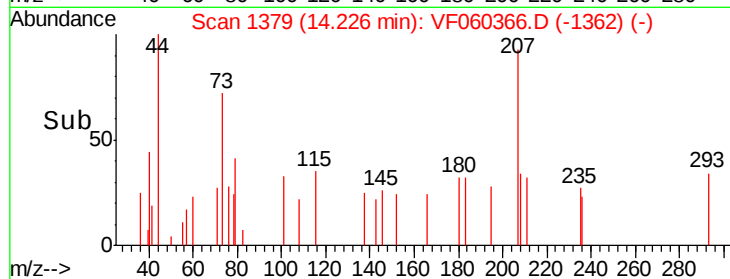
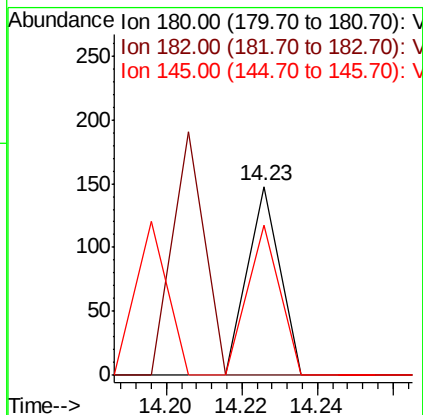
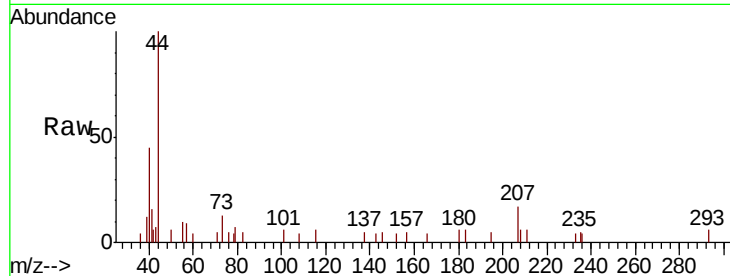




#93
 1,2,4-Trichlorobenzene
 Concen: 52.397 ug/l
 RT: 14.23 min Scan# 1379
 Delta R.T. -0.04 min
 Lab File: VF060366.D
 Acq: 26 Sep 2018 21:54

Instrument :
 MSVOA_F
 ClientSampleID :
 CL-02-092518-A

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	50.3	151.0#
145	79.1	18.9	56.9#



#95
 Naphthalene
 Concen: 61.130 ug/l
 RT: 14.51 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: VF060366.D
 Acq: 26 Sep 2018 21:54

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	118.3	9.8	14.8#

