

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF103018\
 Data File : VF060554.D
 Acq On : 30 Oct 2018 19:40
 Operator : VA/AP
 Sample : J5696-04
 Misc : 4.91/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DL-SED-02

Quant Time: Oct 31 04:55:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 30 05:31:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	1315	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.13	114	179	50.00	ug/l	0.36
63) Chlorobenzene-d5	10.42	117	96	50.00	ug/l	0.48
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.11	65	70	3.45	ug/l	0.07
Spiked Amount	50.000		Recovery	=	6.90%	
35) Dibromofluoromethane	4.43	113	82	47.74	ug/l	0.13
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	8.22	98	60	14.30	ug/l	0.49
Spiked Amount	50.000		Recovery	=	28.60%	
62) 4-Bromofluorobenzene	12.05	95	61	31.56	ug/l	0.53
Spiked Amount	50.000		Recovery	=	63.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.83	85	72	Below Cal	#	41
3) Chloromethane	1.11	50	116	6.069	ug/l #	46
4) Vinyl Chloride	1.19	62	76	4.821	ug/l #	43
5) Bromomethane	1.42	94	78	6.295	ug/l #	4
6) Chloroethane	1.35	64	235	28.628	ug/l #	41
7) Trichlorofluoromethane	1.47	101	159	4.186	ug/l #	18
8) Diethyl Ether	1.81	74	129	27.079	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.84	101	92	4.484	ug/l #	22
10) Methyl Iodide	1.87	142	73	2.541	ug/l #	1
11) Tert butyl alcohol	2.70	59	110	137.065	ug/l #	71
12) 1,1-Dichloroethene	1.81	96	85	5.752	ug/l #	11
13) Acrolein	2.04	56	64	85.000	ug/l #	12
14) Allyl chloride	2.19	41	200	8.511	ug/l #	55
15) Acrylonitrile	3.06	53	87	42.895	ug/l #	13
16) Acetone	2.35	43	63	6.791	ug/l #	62
17) Carbon Disulfide	1.86	76	83	1.998	ug/l #	73
18) Methyl Acetate	2.43	43	145	24.872	ug/l #	61
19) Methyl tert-butyl Ether	2.62	73	105	3.171	ug/l #	12
20) Methylene Chloride	2.31	84	260	18.821	ug/l #	1
21) trans-1,2-Dichloroethene	2.33	96	102	6.748	ug/l #	1
22) Diisopropyl ether	2.92	45	334	7.825	ug/l #	40
23) Vinyl Acetate	3.35	43	176	11.116	ug/l #	78
24) 1,1-Dichloroethane	2.99	63	136	4.416	ug/l #	90
25) 2-Butanone	4.47	43	69	Below Cal	#	54
26) 2,2-Dichloropropane	3.78	77	128	6.687	ug/l #	61
27) cis-1,2-Dichloroethene	3.65	96	72	3.951	ug/l	1
28) Bromochloromethane	3.90	49	67	6.039	ug/l #	10
29) Tetrahydrofuran	4.28	42	84	37.855	ug/l #	11
30) Chloroform	3.95	83	84	2.159	ug/l #	15
31) Cyclohexane	3.87	56	71	3.229	ug/l #	14
32) 1,1,1-Trichloroethane	4.29	97	66	2.052	ug/l #	13
36) 1,1-Dichloropropene	4.70	75	69	30.938	ug/l #	44
37) Ethyl Acetate	4.58	43	161	222.987	ug/l #	1
38) Carbon Tetrachloride	4.32	117	60	22.469	ug/l #	12

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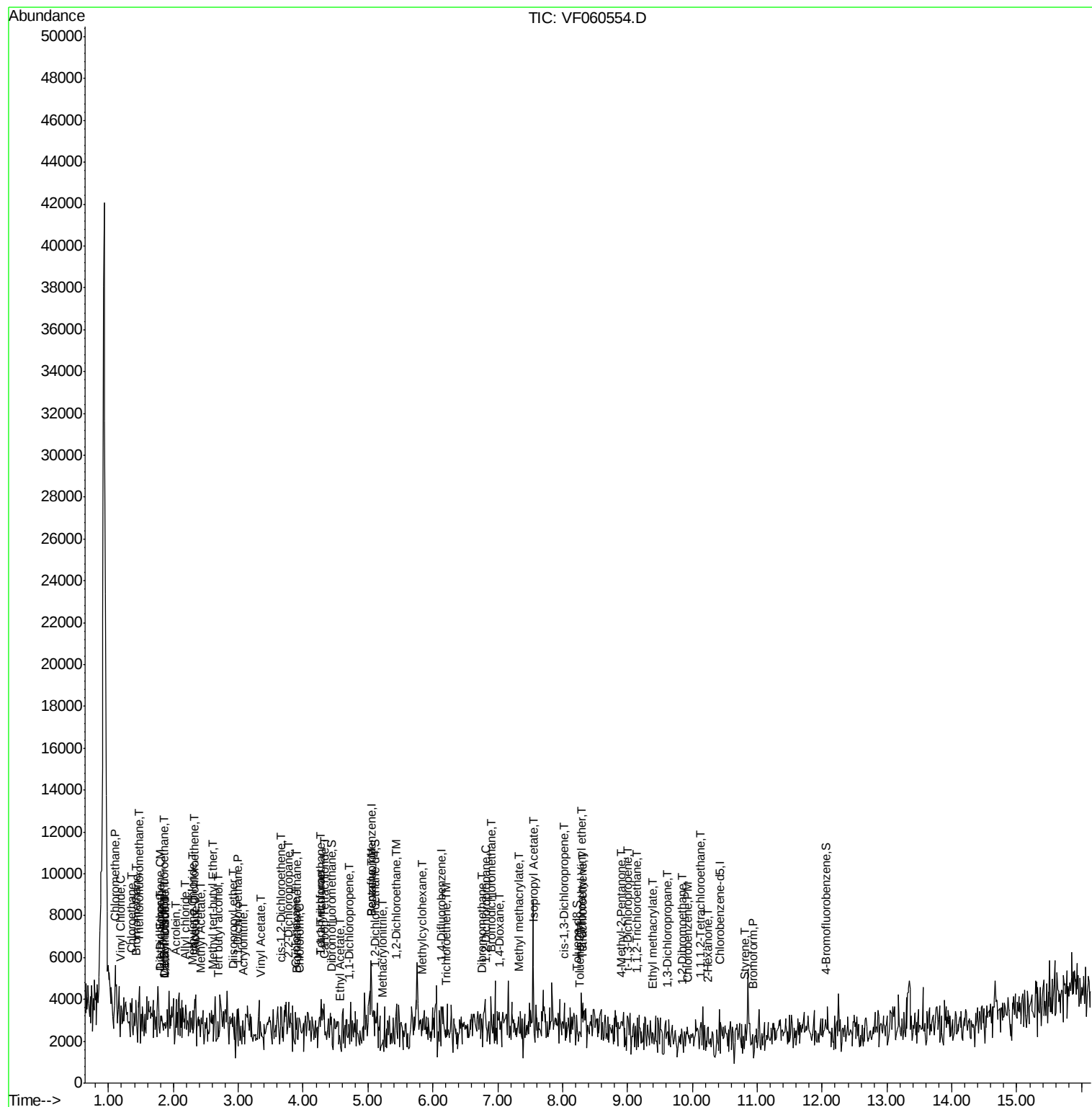
39) Methylcyclohexane	5.82	83	73	32.412	ug/l #	15
40) Benzene	5.06	78	172	38.884	ug/l #	52
41) Methacrylonitrile	5.21	41	411	995.844	ug/l #	28
42) 1,2-Dichloroethane	5.44	62	89	43.331	ug/l	78
43) Isopropyl Acetate	7.56	43	132	151.040	ug/l #	43
44) Trichloroethene	6.19	130	92	64.341	ug/l	1
45) 1,2-Dichloropropane	6.82	63	63	57.073	ug/l #	42
46) Dibromomethane	6.76	93	73	84.217	ug/l #	9
47) Bromodichloromethane	6.89	83	90	40.464	ug/l #	24
48) Methyl methacrylate	7.32	41	151	250.497	ug/l #	42
49) 1,4-Dioxane	7.04	88	76	13553.127	ug/l #	12
51) 4-Methyl-2-Pentanone	8.91	43	148	233.790	ug/l #	35
52) Toluene	8.27	92	69	24.028	ug/l #	1
53) t-1,3-Dichloropropene	9.01	75	80	46.044	ug/l #	44
54) cis-1,3-Dichloropropene	8.01	75	59	28.653	ug/l #	26
55) 1,1,2-Trichloroethane	9.14	97	106	123.197	ug/l #	15
56) Ethyl methacrylate	9.40	69	82	84.935	ug/l #	22
57) 1,3-Dichloropropane	9.61	76	89	61.124	ug/l #	41
58) 2-Chloroethyl Vinyl ether	8.28	63	64	643.201	ug/l	100
59) 2-Hexanone	10.25	43	118	253.439	ug/l #	29
61) 1,2-Dibromoethane	9.84	107	62	62.237	ug/l #	4
64) Tetrachloroethene	8.32	164	72	88.725	ug/l #	1
65) Chlorobenzene	9.94	112	73	37.795	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.14	131	77	87.488	ug/l #	10
70) Styrene	10.81	104	66	32.981	ug/l #	27
71) Bromoform	10.93	173	69	151.996	ug/l #	34

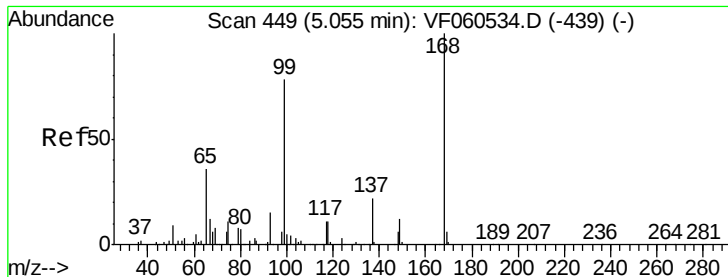
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.02 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

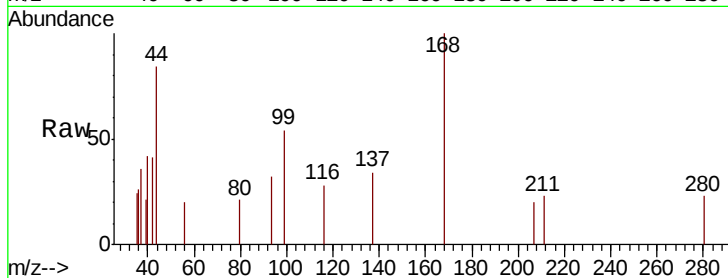
DL-SED-02

Tot Ion:168 Resp: 1315

Ion Ratio Lower Upper

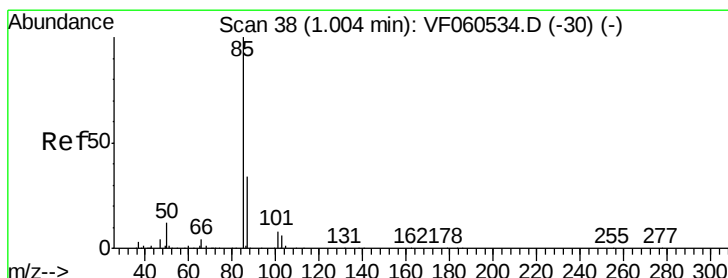
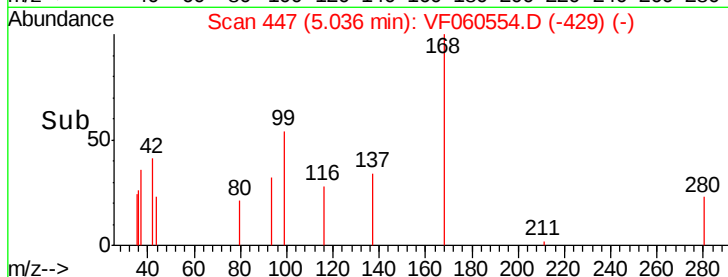
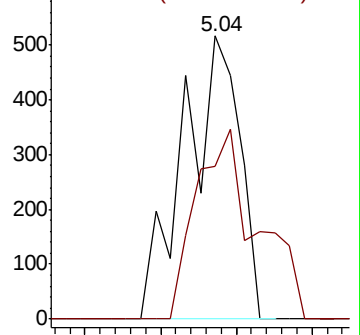
168 100

99 54.0 62.6 93.8#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.83 min Scan# 20

Delta R.T. -0.18 min

Lab File: VF060554.D

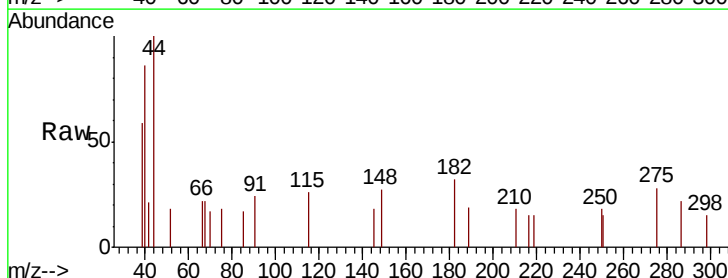
Acq: 30 Oct 2018 19:40

Tgt Ion: 85 Resp: 72

Ion Ratio Lower Upper

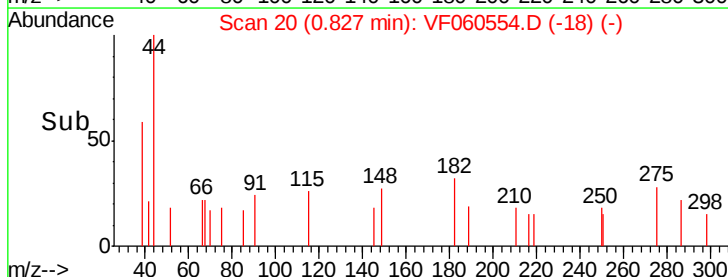
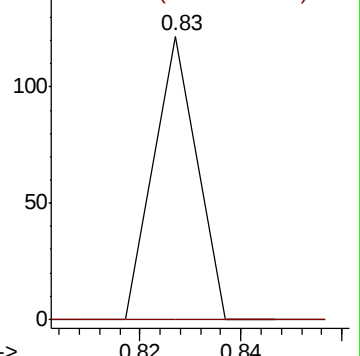
85 100

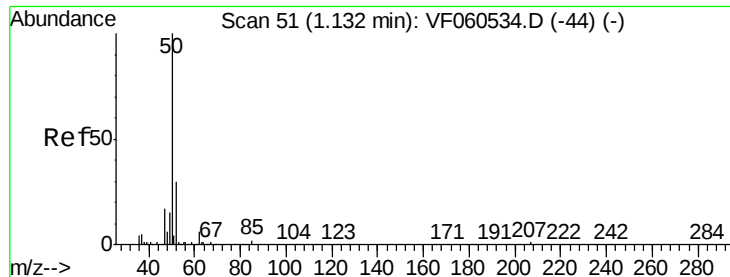
87 0.0 16.9 50.7#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 6.069 ug/l

RT: 1.11 min Scan# 49

Delta R.T. -0.02 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampled :

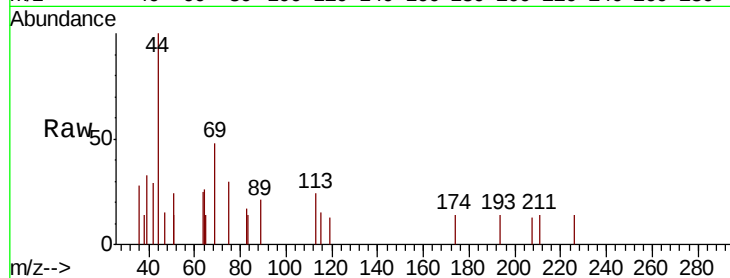
DL-SED-02

Tot Ion: 50 Resp: 116

Ion Ratio Lower Upper

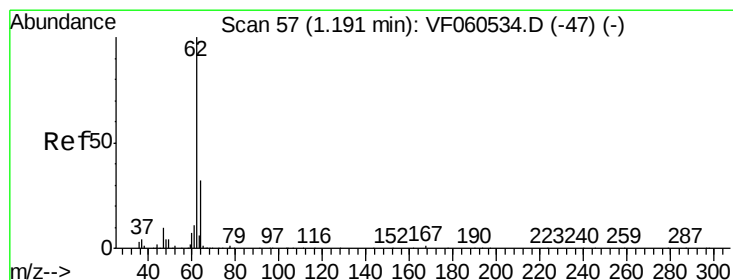
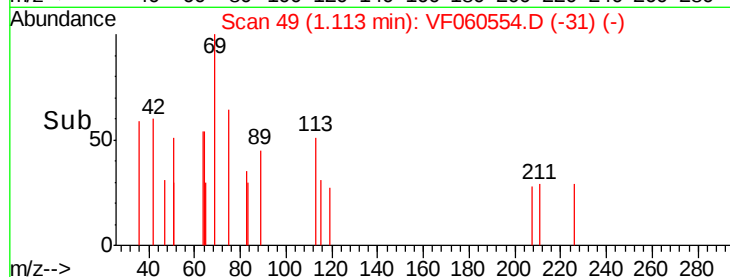
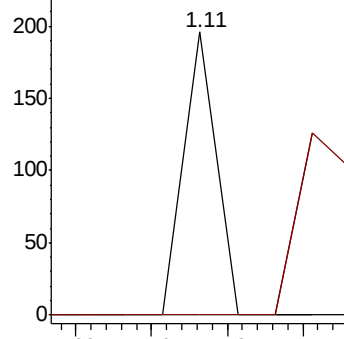
50 100

52 0.0 22.8 34.2#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 4.821 ug/l

RT: 1.19 min Scan# 57

Delta R.T. 0.00 min

Lab File: VF060554.D

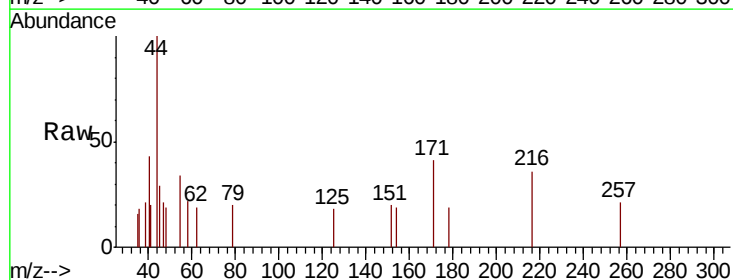
Acq: 30 Oct 2018 19:40

Tgt Ion: 62 Resp: 76

Ion Ratio Lower Upper

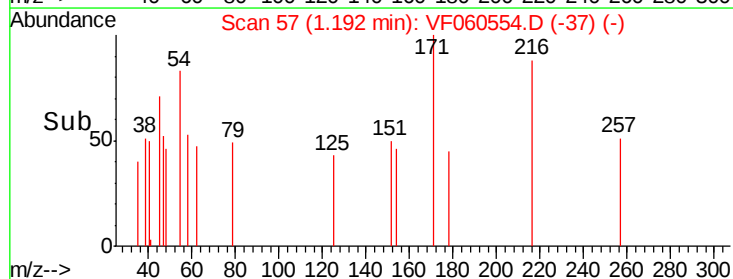
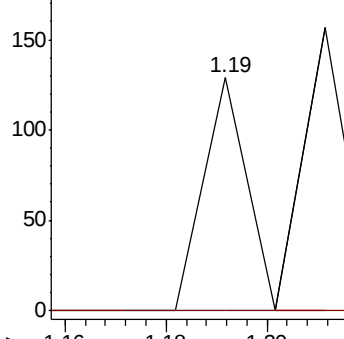
62 100

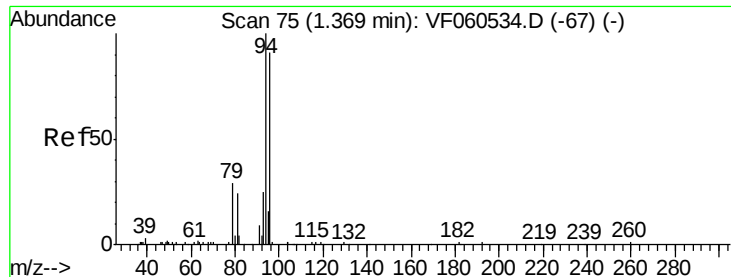
64 0.0 25.3 37.9#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0

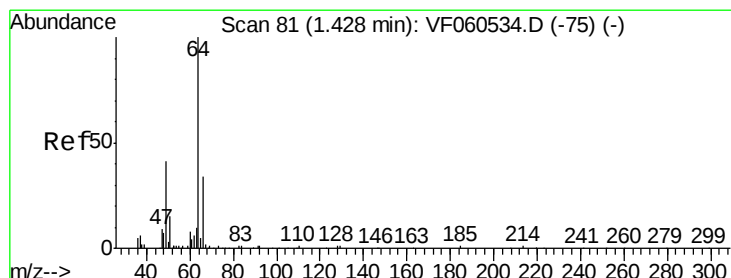
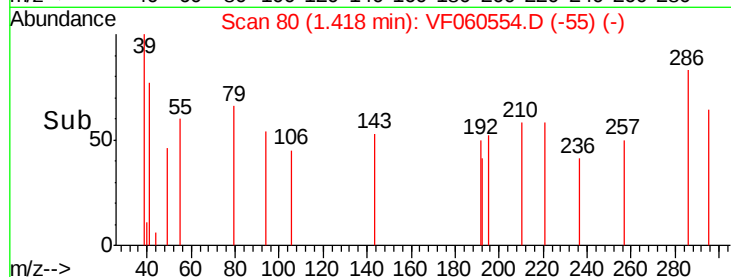
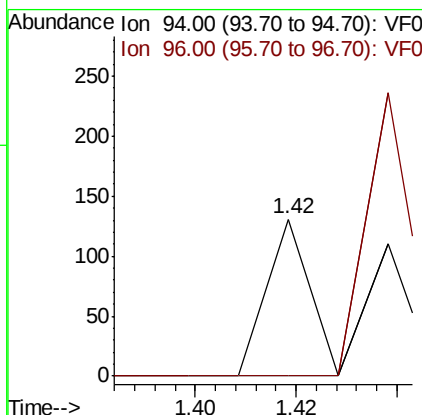
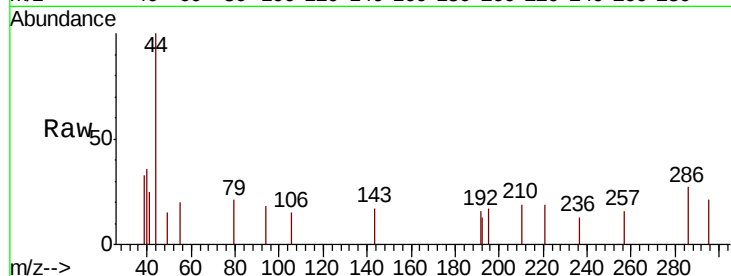




#5
Bromomethane
Concen: 6.295 ug/l
RT: 1.42 min Scan# 80
Delta R.T. 0.05 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

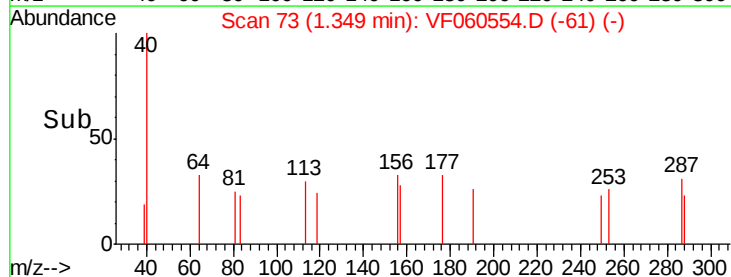
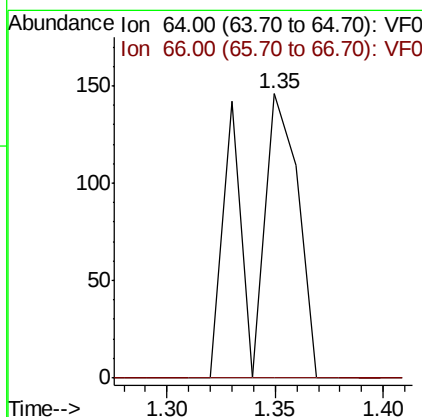
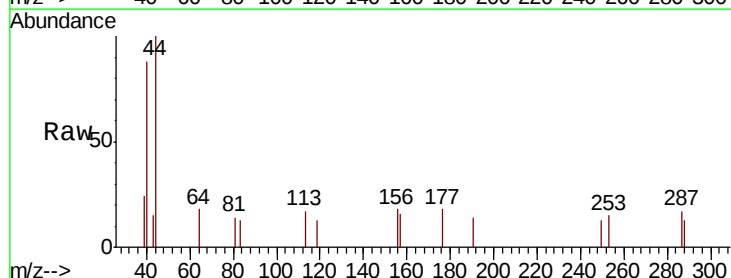
Instrument :
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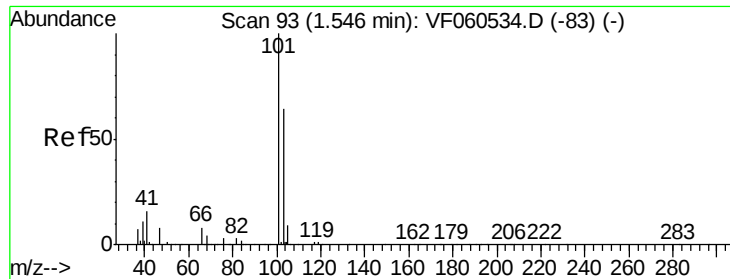
Tot Ion: 94 Resp: 78
Ion Ratio Lower Upper
94 100
96 0.0 73.2 109.8#



#6
Chloroethane
Concen: 28.628 ug/l
RT: 1.35 min Scan# 73
Delta R.T. -0.08 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 64 Resp: 235
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#





#7

Trichlorofluoromethane

Concen: 4.186 ug/l

RT: 1.47 min Scan# 85

Delta R.T. -0.08 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

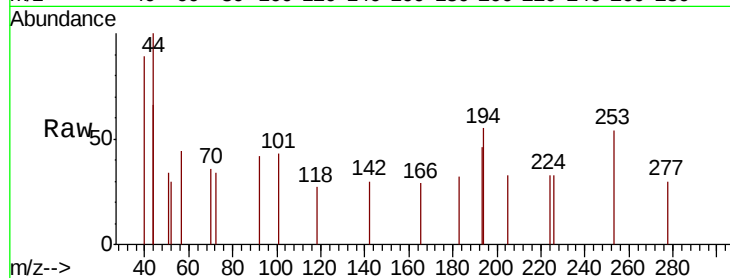
DL-SED-02

Tot Ion:101 Resp: 159

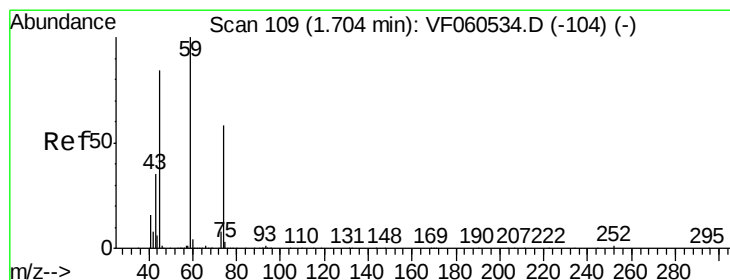
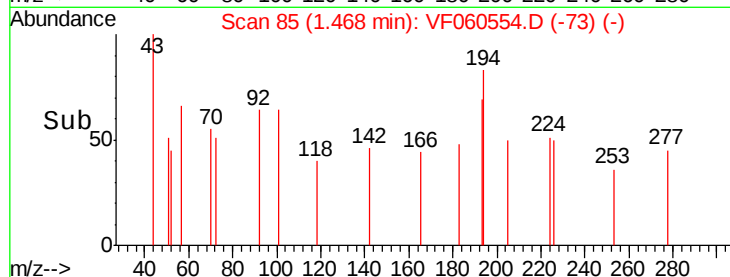
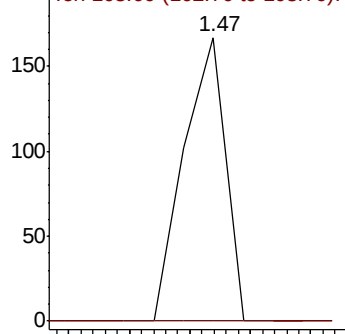
Ion Ratio Lower Upper

101 100

103 0.0 51.6 77.4#



Abundance Ion 101.00 (100.70 to 101.70): V



#8

Diethyl Ether

Concen: 27.079 ug/l

RT: 1.81 min Scan# 120

Delta R.T. 0.11 min

Lab File: VF060554.D

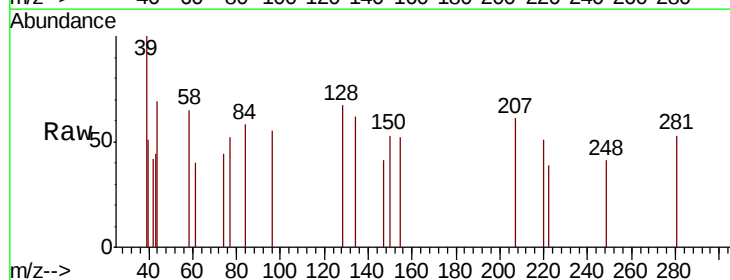
Acq: 30 Oct 2018 19:40

Tgt Ion: 74 Resp: 129

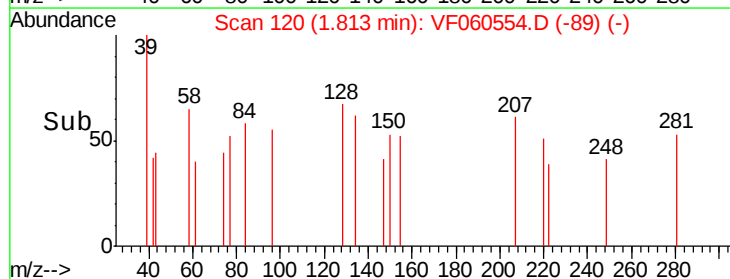
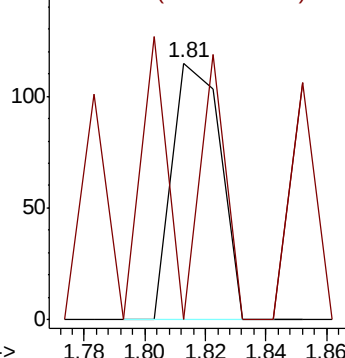
Ion Ratio Lower Upper

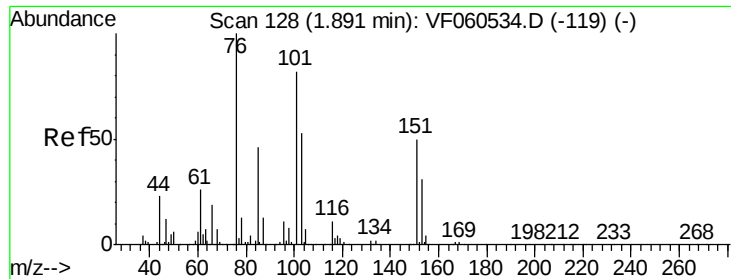
74 100

45 0.0 72.9 218.6#



Abundance Ion 74.00 (73.70 to 74.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.484 ug/l

RT: 1.84 min Scan# 123

Delta R.T. -0.05 min

Lab File: VF060554.D

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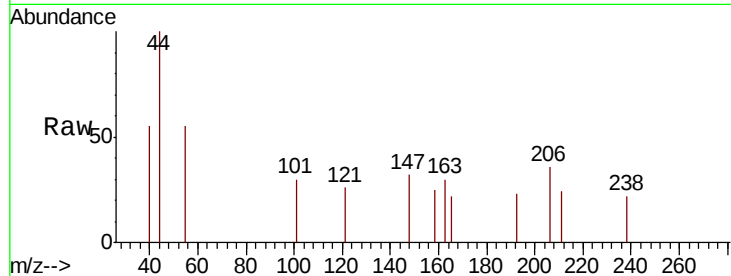
Tot Ion:101 Resp: 92

Ion Ratio Lower Upper

101 100

85 0.0 44.6 67.0#

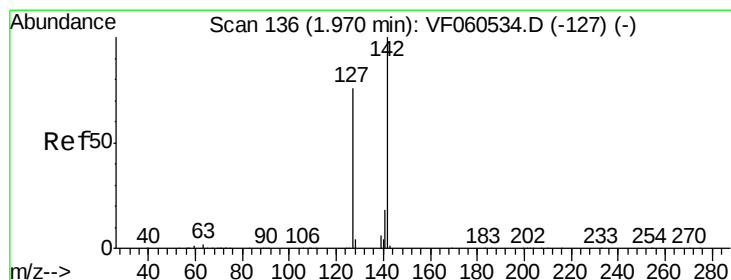
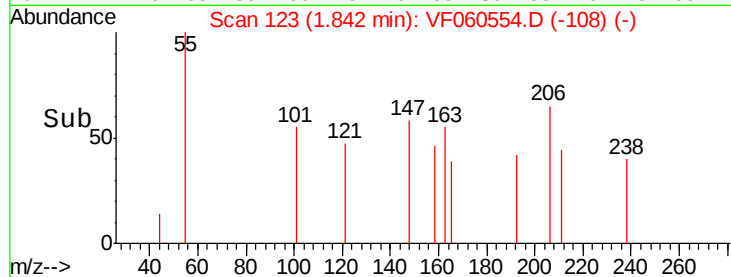
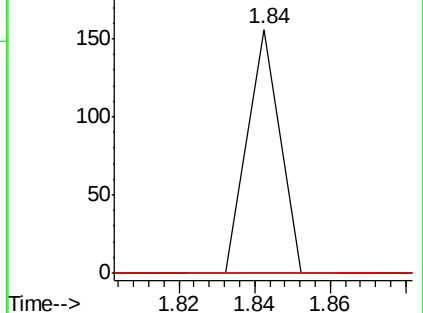
151 0.0 48.4 72.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 2.541 ug/l

RT: 1.87 min Scan# 126

Delta R.T. -0.10 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

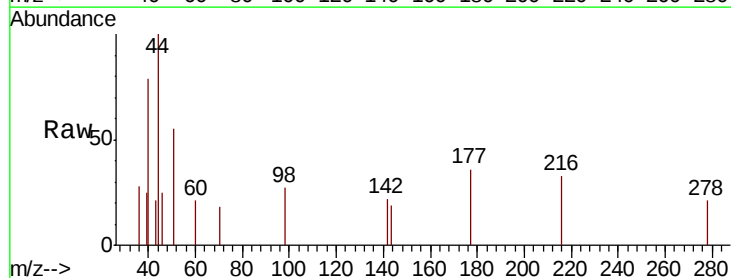
Tgt Ion:142 Resp: 73

Ion Ratio Lower Upper

142 100

127 0.0 61.2 91.8#

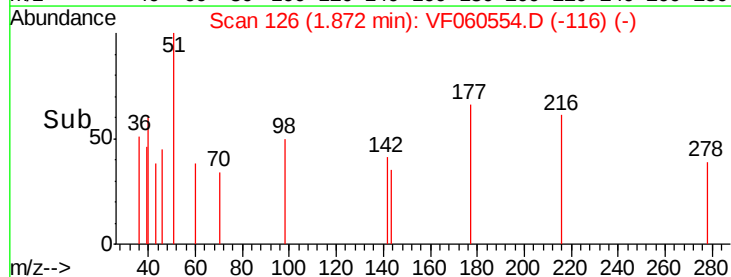
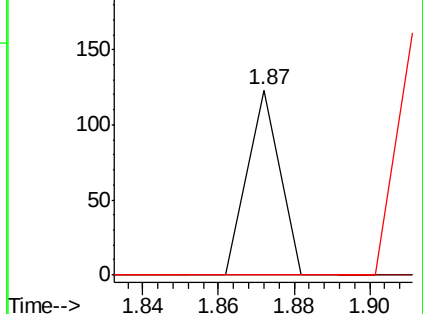
141 100.0 14.0 21.0#

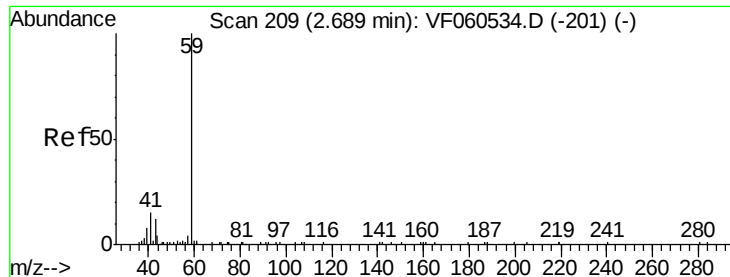


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

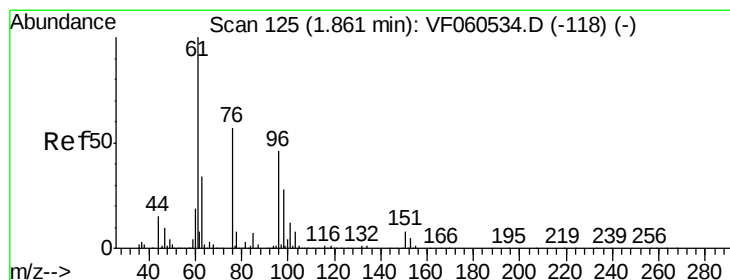
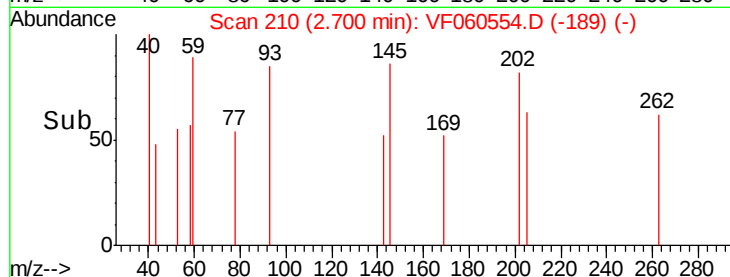
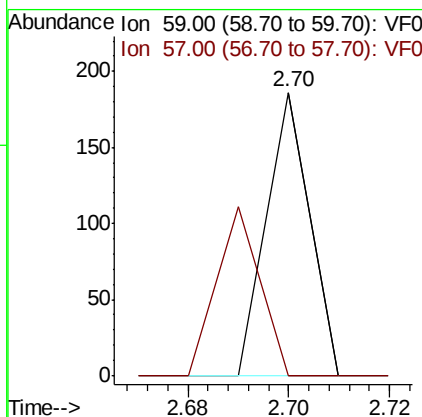
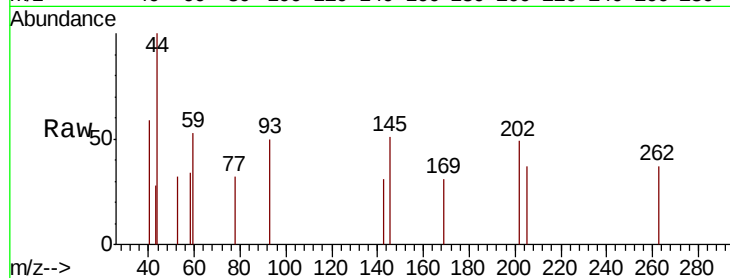




#11
Tert butyl alcohol
Concen: 137.065 ug/l
RT: 2.70 min Scan# 210
Delta R.T. 0.01 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

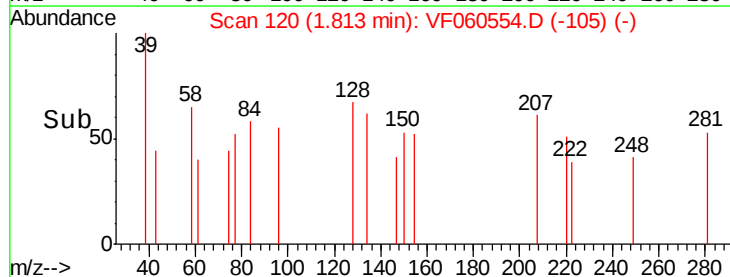
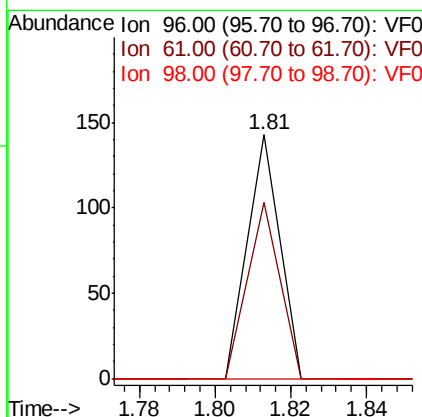
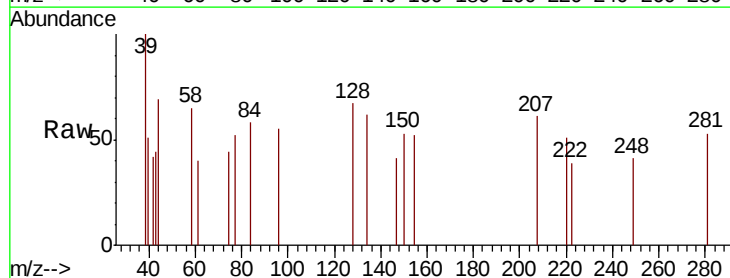
Instrument :
MSVOA_F
ClientSampled :
DL-SED-02

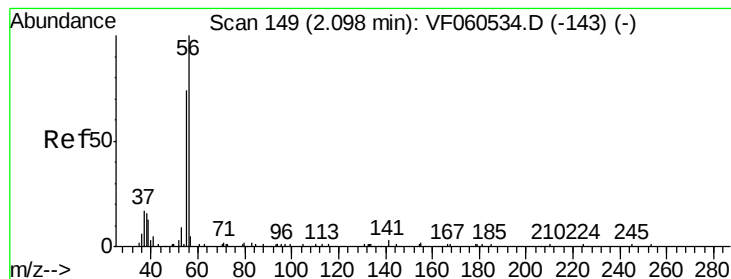
Tot Ion: 59 Resp: 110
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 5.752 ug/l
RT: 1.81 min Scan# 120
Delta R.T. -0.05 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 96 Resp: 85
Ion Ratio Lower Upper
96 100
61 72.0 175.4 263.2#
98 0.0 48.9 73.3#





#13

Acrolein

Concen: 85.000 ug/l

RT: 2.04 min Scan# 143

Delta R.T. -0.06 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampled :

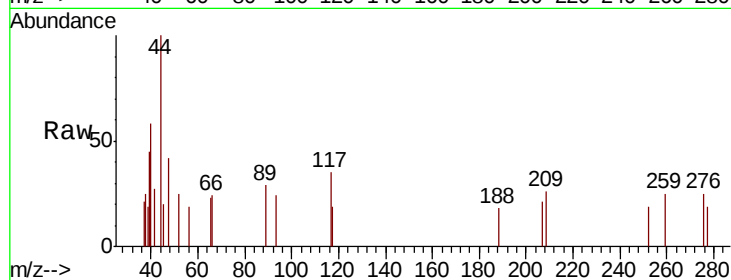
DL-SED-02

Tot Ion: 56 Resp: 64

Ion Ratio Lower Upper

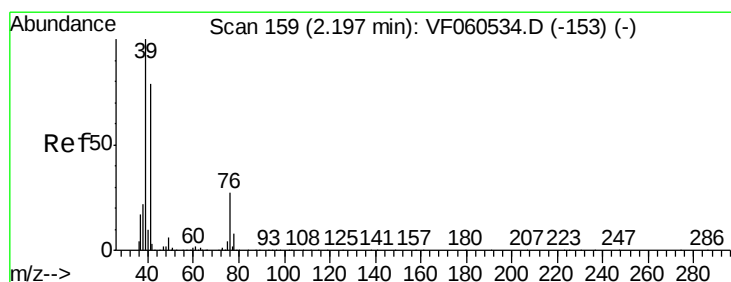
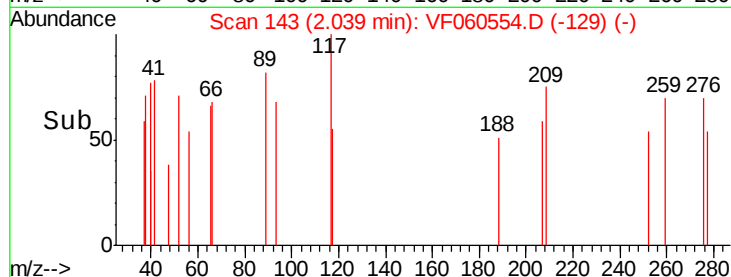
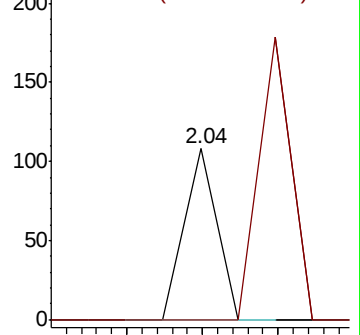
56 100

55 0.0 60.4 90.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 8.511 ug/l

RT: 2.19 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

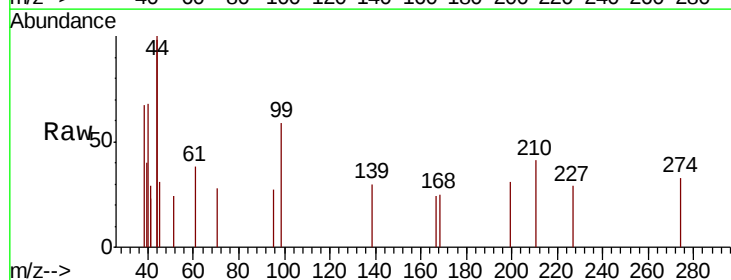
Tgt Ion: 41 Resp: 200

Ion Ratio Lower Upper

41 100

39 78.6 100.6 151.0#

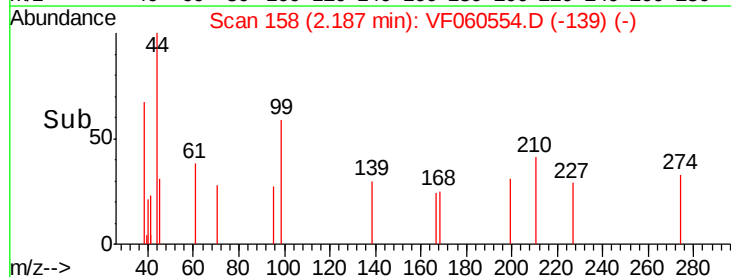
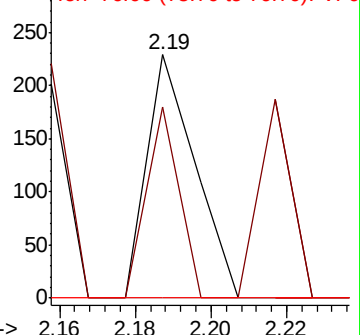
76 0.0 27.6 41.4#

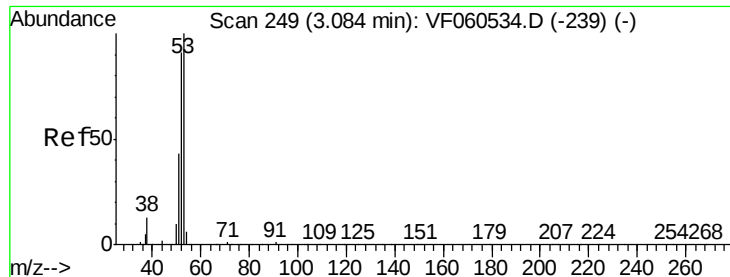


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 42.895 ug/l

RT: 3.06 min Scan# 247

Delta R.T. -0.02 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

DL-SED-02

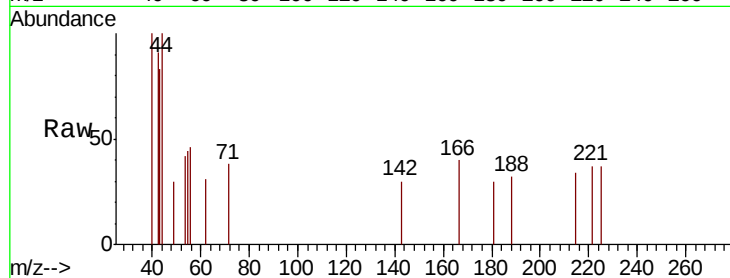
Tot Ion: 53 Resp: 87

Ion Ratio Lower Upper

53 100

52 0.0 73.2 109.8#

51 0.0 35.0 52.4#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

3.06

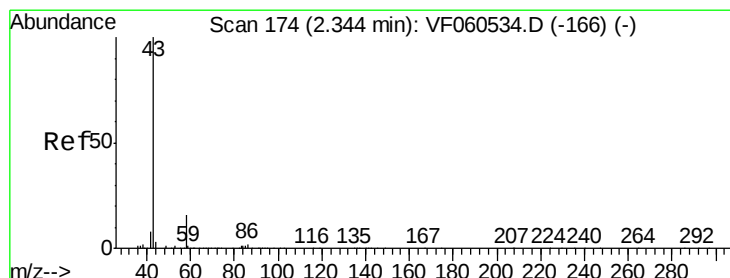
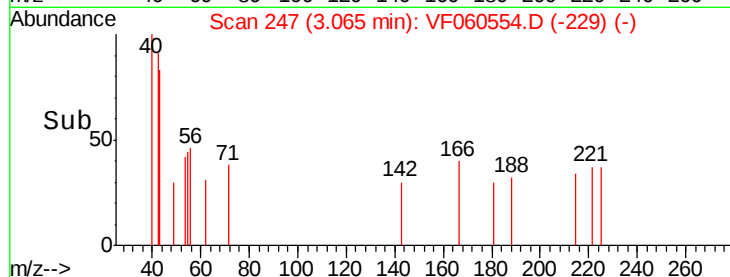
150

100

50

0

Time-->



#16

Acetone

Concen: 6.791 ug/l

RT: 2.35 min Scan# 174

Delta R.T. 0.00 min

Lab File: VF060554.D

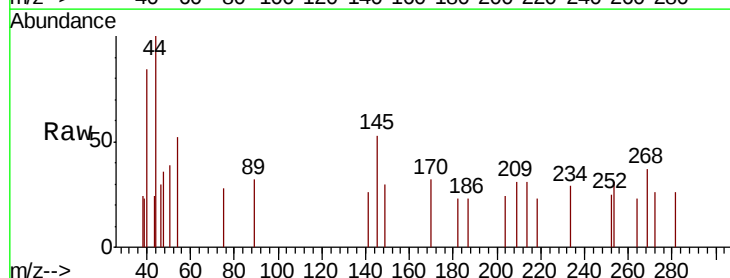
Acq: 30 Oct 2018 19:40

Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

58 0.0 12.8 19.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

120

100

80

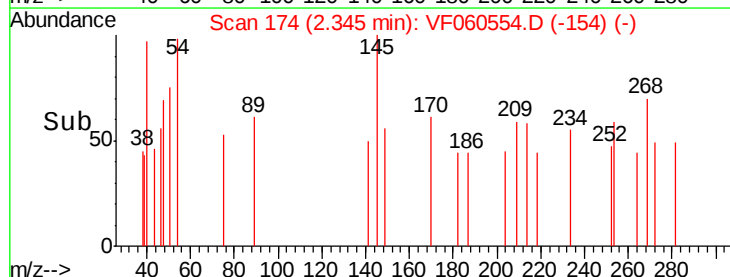
60

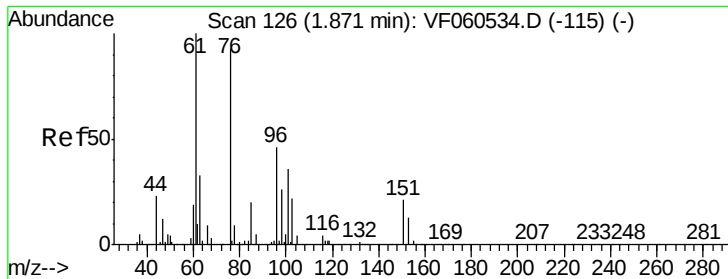
40

20

0

Time-->

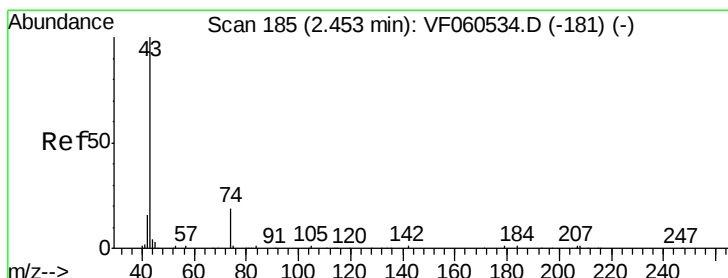
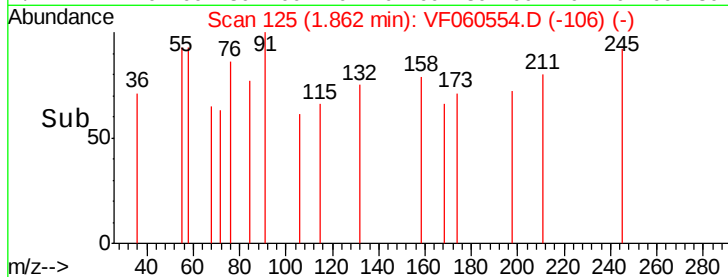
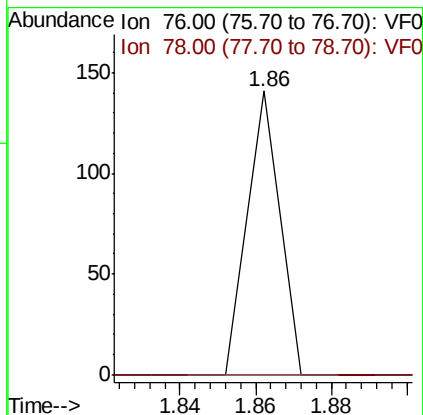
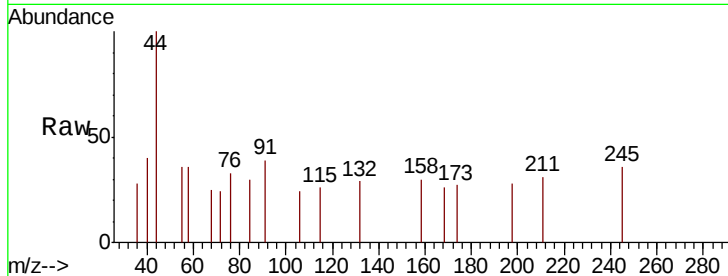




#17
Carbon Disulfide
Concen: 1.998 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.01 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

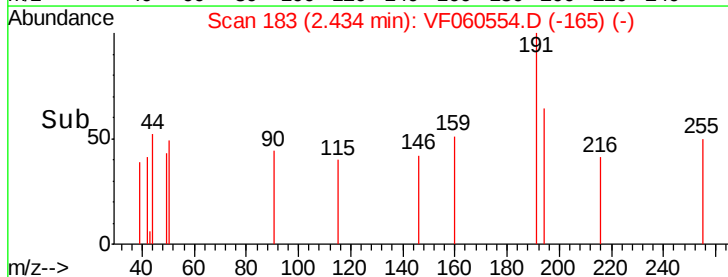
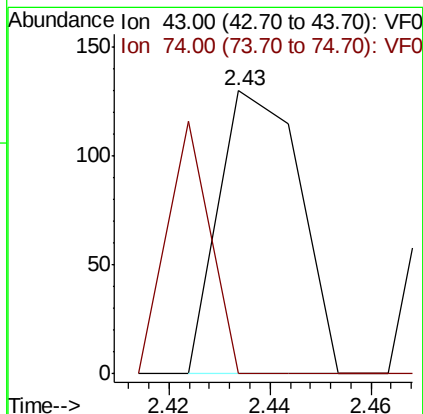
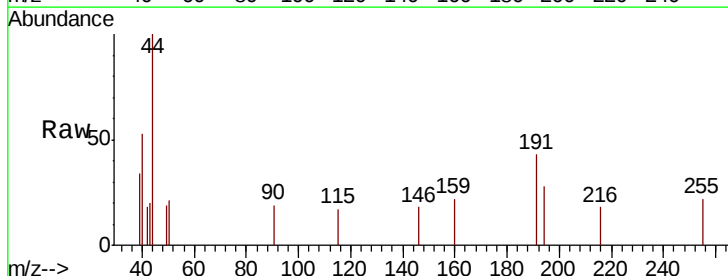
Instrument :
MSVOA_F
ClientSampled :
DL-SED-02

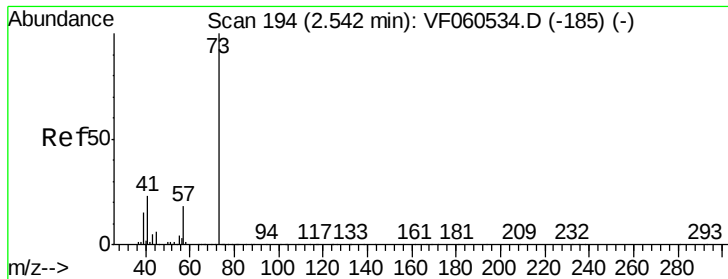
Tot Ion: 76 Resp: 83
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#18
Methyl Acetate
Concen: 24.872 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
74 0.0 13.5 20.3#



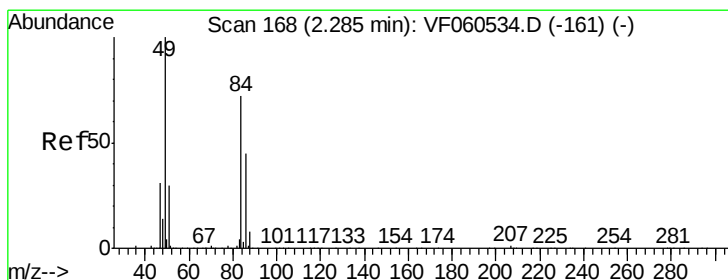
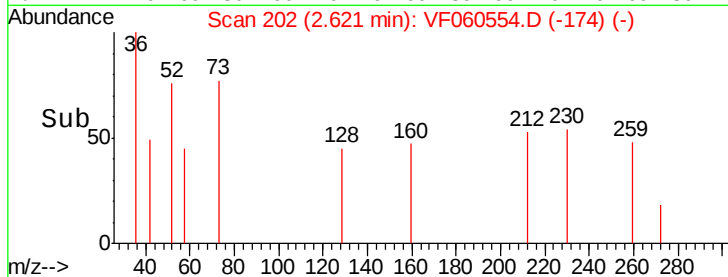
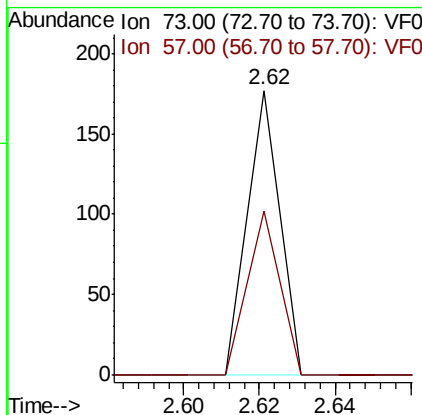
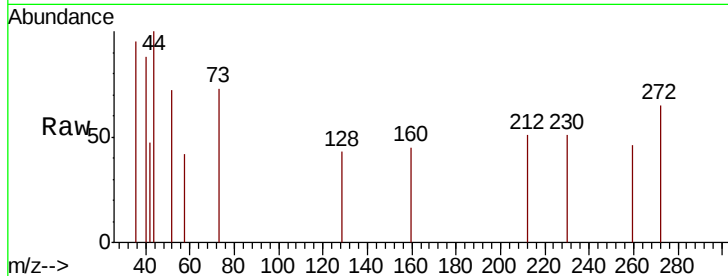


#19

Methyl tert-butyl Ether
 Concen: 3.171 ug/l
 RT: 2.62 min Scan# 202
 Delta R.T. 0.08 min
 Lab File: VF060554.D
 Acq: 30 Oct 2018 19:40

Instrument :
 MSVOA_F
 ClientSampleID :
 DL-SED-02

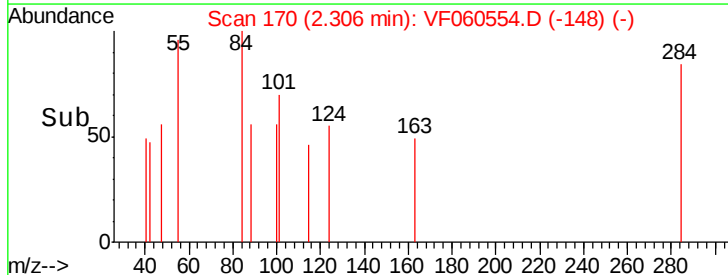
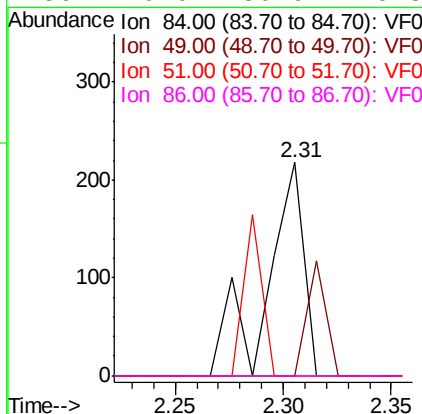
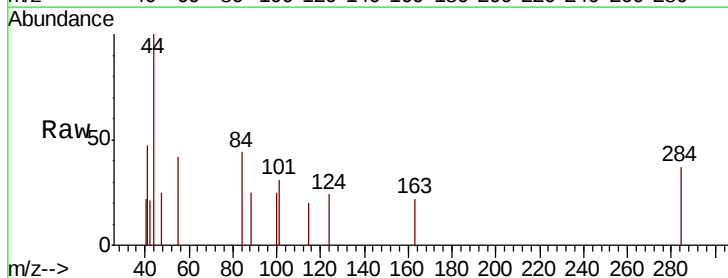
Tot Ion: 73 Resp: 105
 Ion Ratio Lower Upper
 73 100
 57 57.6 14.7 22.1#

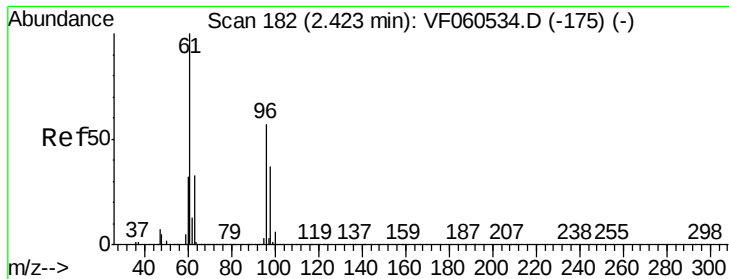


#20

Methylene Chloride
 Concen: 18.821 ug/l
 RT: 2.31 min Scan# 170
 Delta R.T. 0.02 min
 Lab File: VF060554.D
 Acq: 30 Oct 2018 19:40

Tgt Ion: 84 Resp: 260
 Ion Ratio Lower Upper
 84 100
 49 0.0 115.4 173.0#
 51 0.0 35.4 53.2#
 86 0.0 50.9 76.3#





#21

trans-1,2-Dichloroethene

Concen: 6.748 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.10 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

DL-SED-02

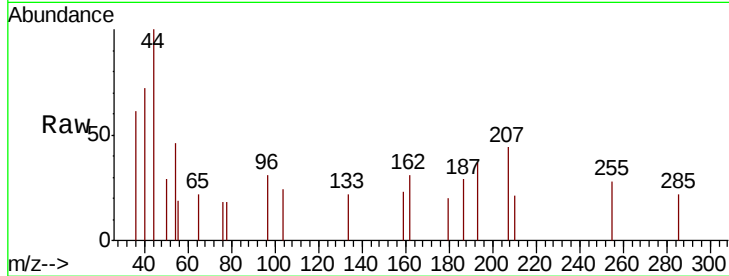
Tot Ion: 96 Resp: 102

Ion Ratio Lower Upper

96 100

61 0.0 139.8 209.6#

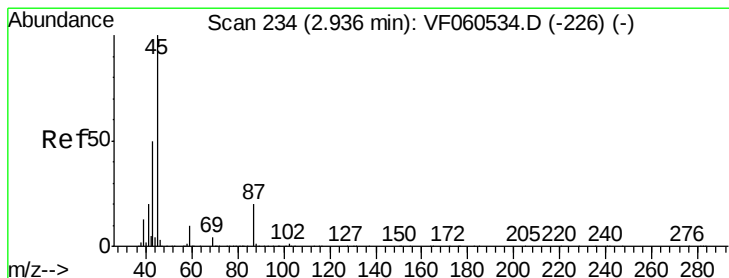
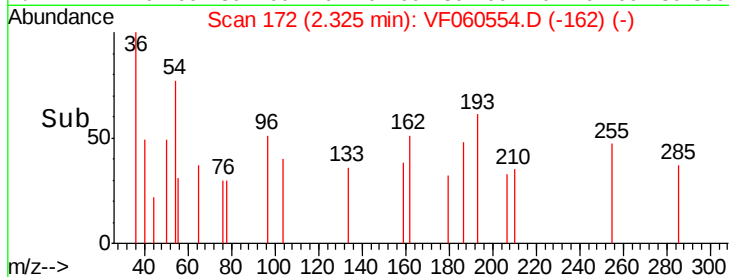
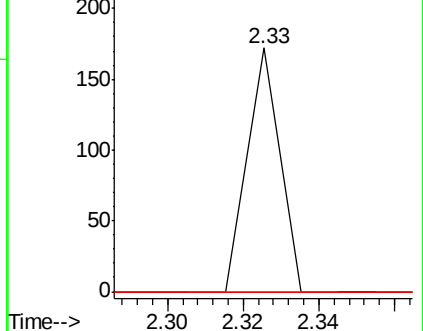
98 0.0 52.2 78.4#



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



#22

Diisopropyl ether

Concen: 7.825 ug/l

RT: 2.92 min Scan# 232

Delta R.T. -0.02 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Tgt Ion: 45 Resp: 334

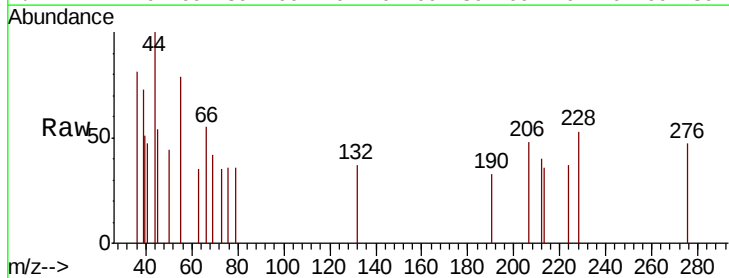
Ion Ratio Lower Upper

45 100

43 0.0 40.6 60.8#

87 0.0 15.9 23.9#

59 0.0 8.0 12.0#

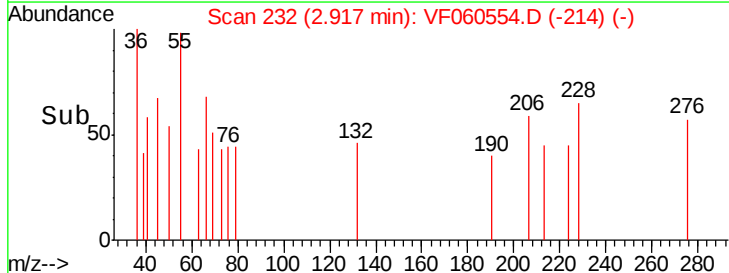
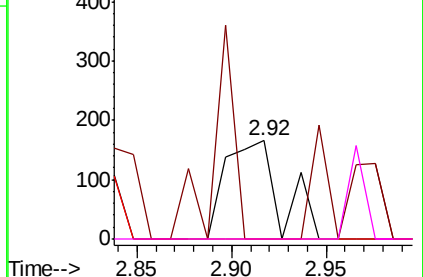


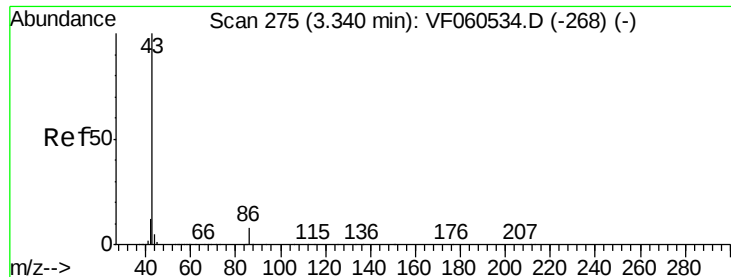
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 11.116 ug/l

RT: 3.35 min Scan# 276

Delta R.T. 0.01 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampled :

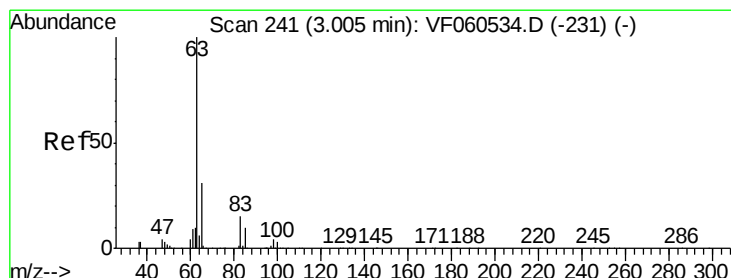
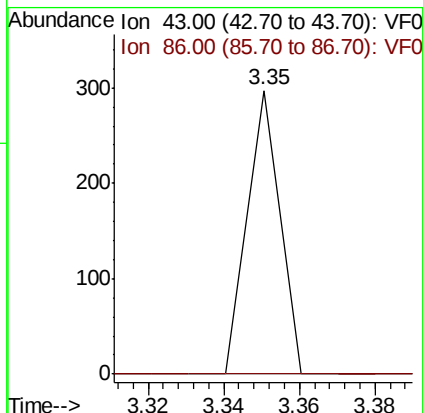
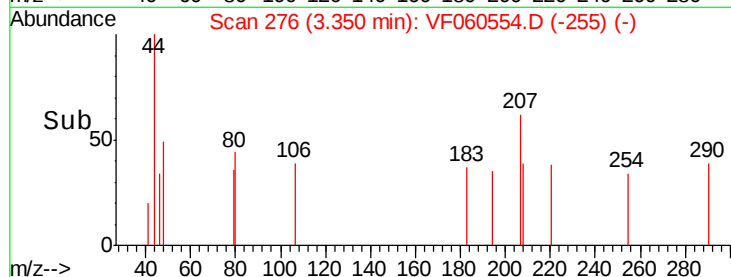
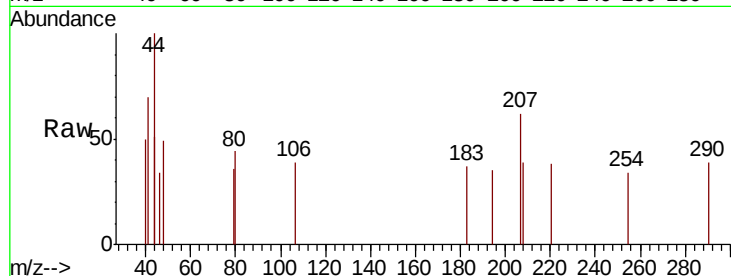
DL-SED-02

Tot Ion: 43 Resp: 176

Ion Ratio Lower Upper

43 100

86 0.0 6.2 9.2#



#24

1,1-Dichloroethane

Concen: 4.416 ug/l

RT: 2.99 min Scan# 239

Delta R.T. -0.02 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

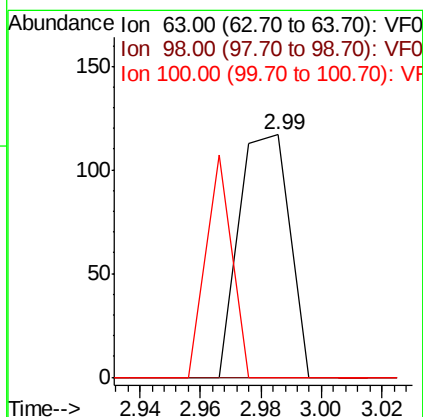
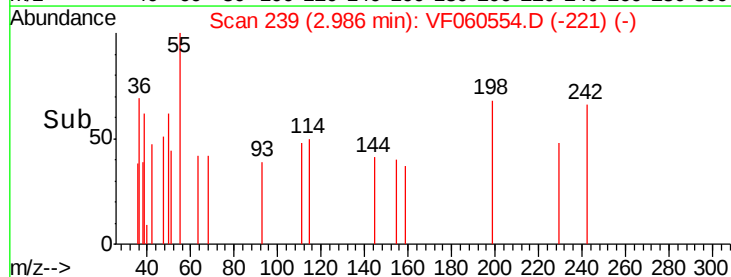
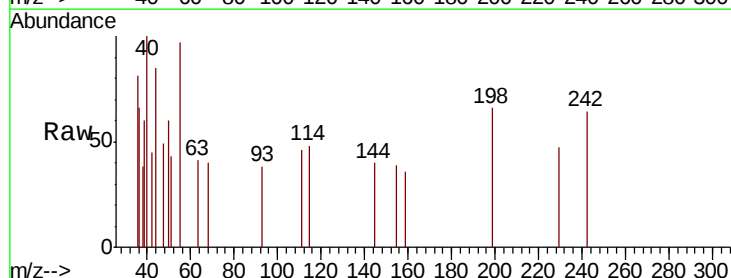
Tgt Ion: 63 Resp: 136

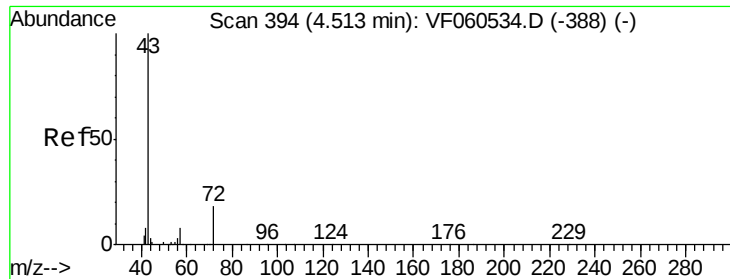
Ion Ratio Lower Upper

63 100

98 0.0 2.0 6.0#

100 0.0 1.4 4.0#





#25

2-Butanone

Concen: Below Cal

RT: 4.47 min Scan# 390

Delta R.T. -0.04 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampled :

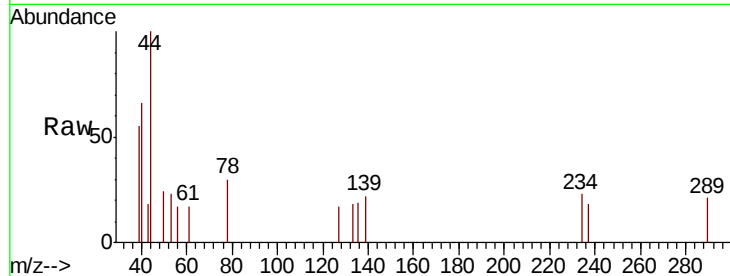
DL-SED-02

Tot Ion: 43 Resp: 69

Ion Ratio Lower Upper

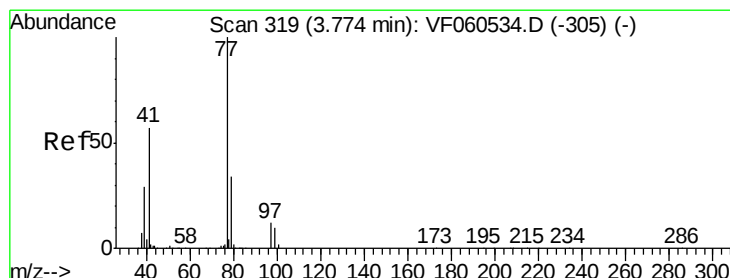
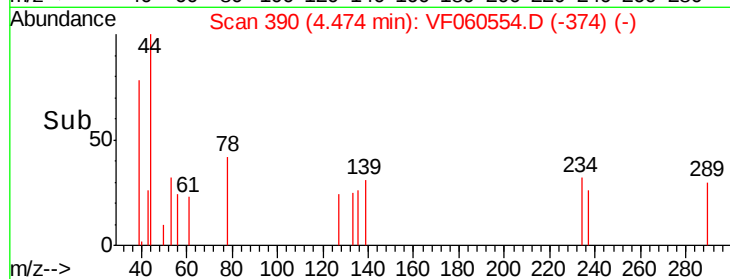
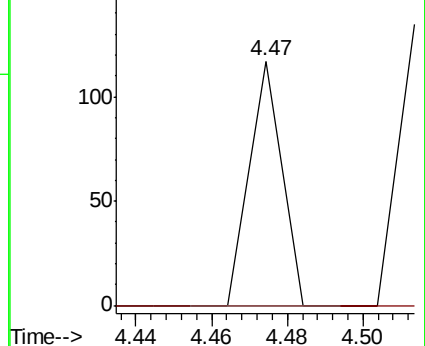
43 100

72 0.0 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 6.687 ug/l

RT: 3.78 min Scan# 320

Delta R.T. 0.01 min

Lab File: VF060554.D

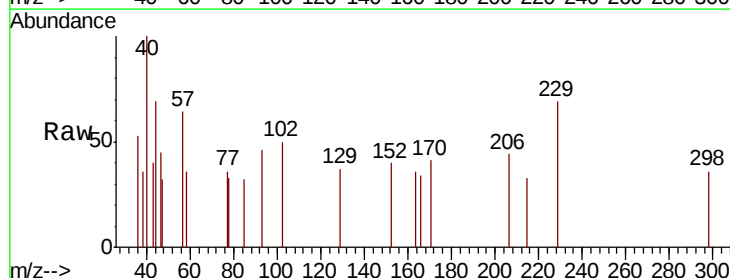
Acq: 30 Oct 2018 19:40

Tgt Ion: 77 Resp: 128

Ion Ratio Lower Upper

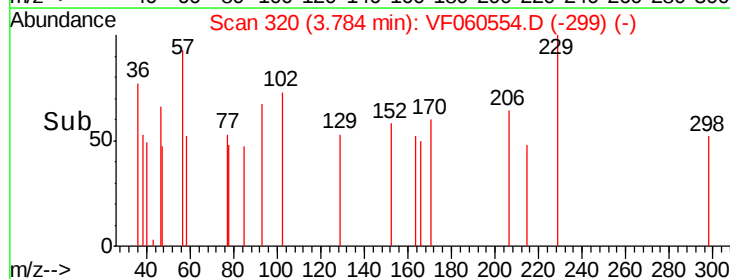
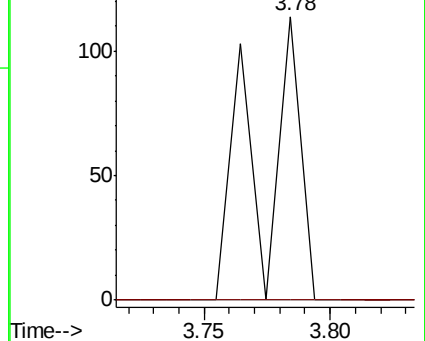
77 100

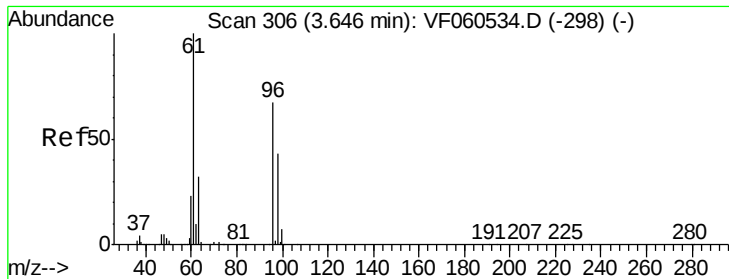
97 0.0 8.5 25.5#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



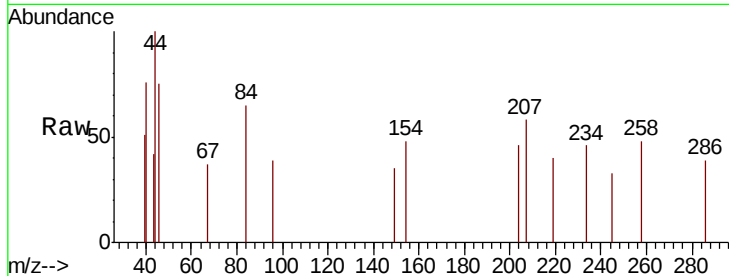


#27

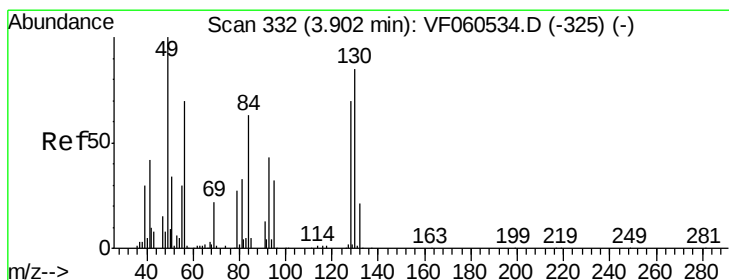
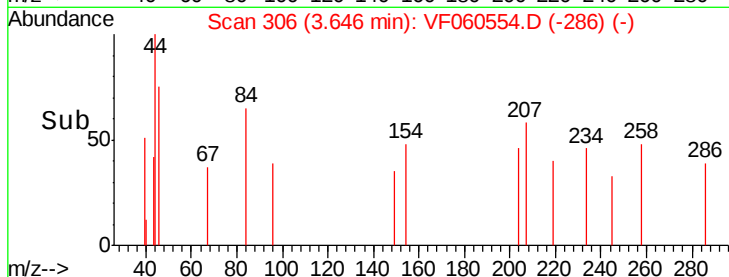
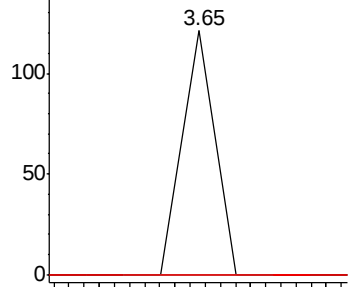
cis-1,2-Dichloroethene
Concen: 3.951 ug/l
RT: 3.65 min Scan# 306
Delta R.T. 0.00 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleID :
DL-SED-02

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	300.8
98	0.0	0.0	128.4



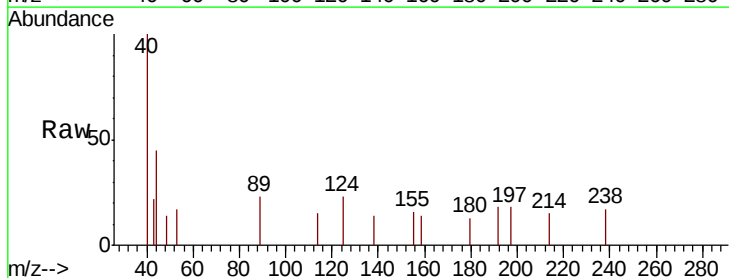
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



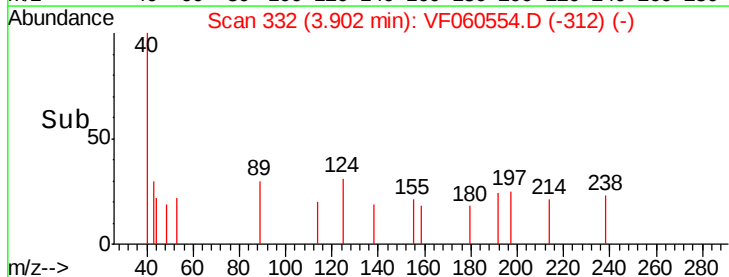
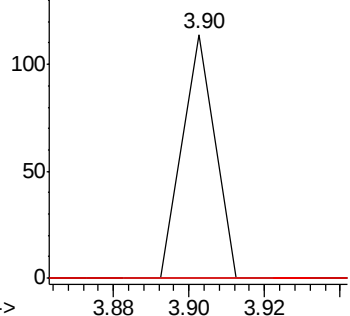
#28

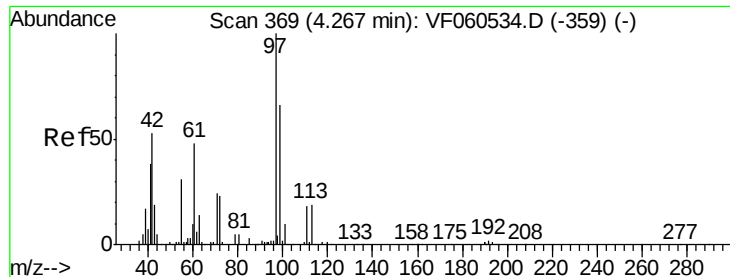
Bromochloromethane
Concen: 6.039 ug/l
RT: 3.90 min Scan# 332
Delta R.T. 0.00 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	67.5	101.3#



Abundance Ion 49.00 (48.70 to 49.70): VF0
Ion 129.00 (128.70 to 129.70): V
Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 37.855 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.01 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

DL-SED-02

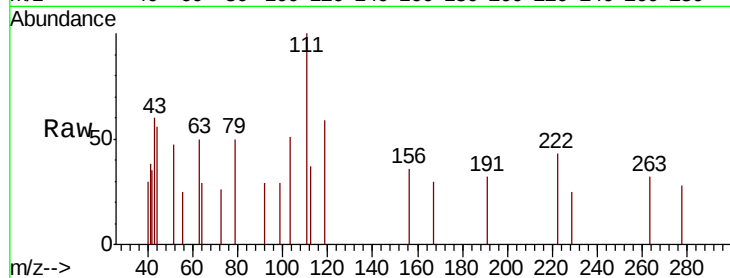
Tot Ion: 42 Resp: 84

Ion Ratio Lower Upper

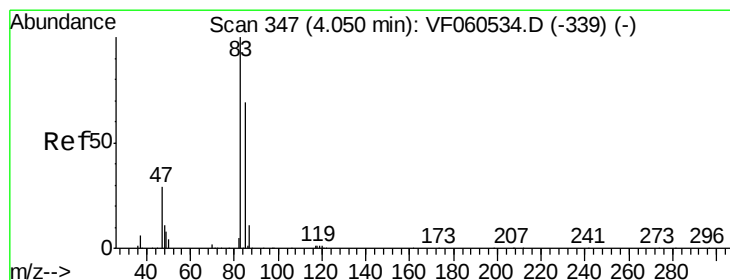
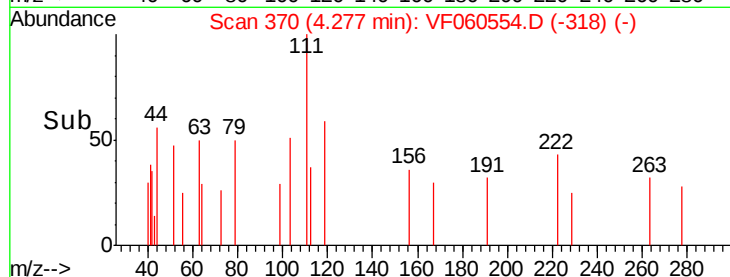
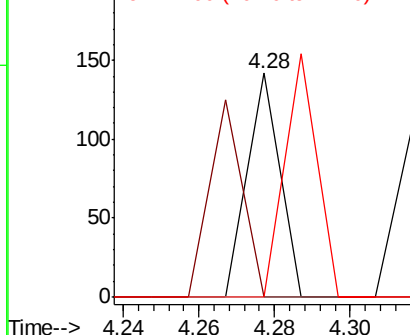
42 100

72 88.1 32.5 48.7#

71 108.3 34.5 51.7#



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



#30

Chloroform

Concen: 2.159 ug/l

RT: 3.95 min Scan# 337

Delta R.T. -0.10 min

Lab File: VF060554.D

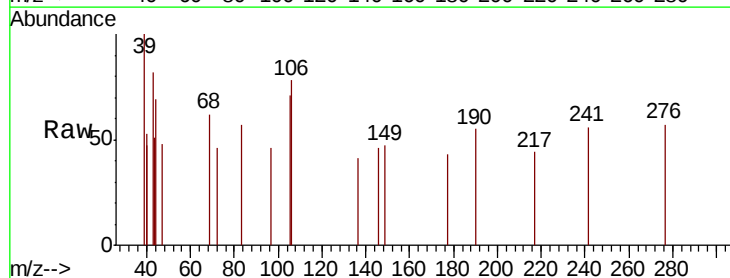
Acq: 30 Oct 2018 19:40

Tgt Ion: 83 Resp: 84

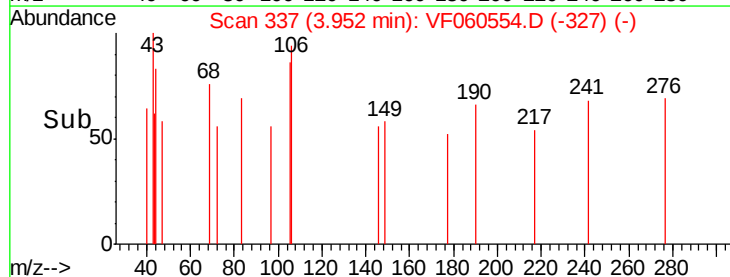
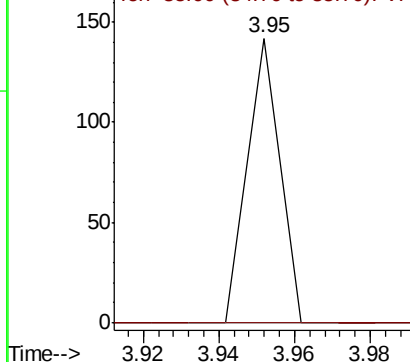
Ion Ratio Lower Upper

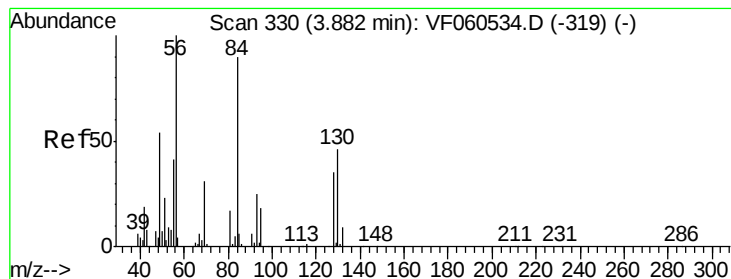
83 100

85 0.0 55.0 82.4#



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0





#31

Cyclohexane

Concen: 3.229 ug/l

RT: 3.87 min Scan# 329

Delta R.T. -0.01 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampled :

DL-SED-02

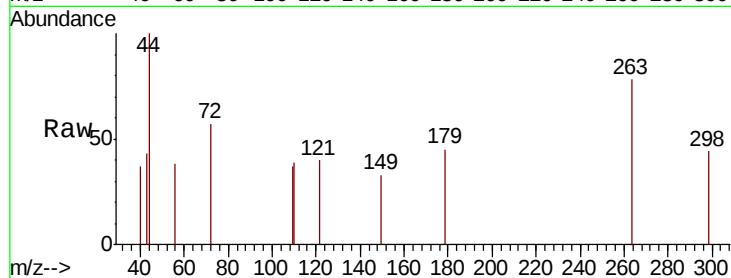
Tot Ion: 56 Resp: 71

Ion Ratio Lower Upper

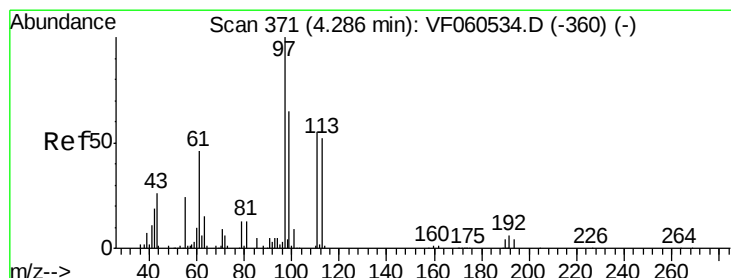
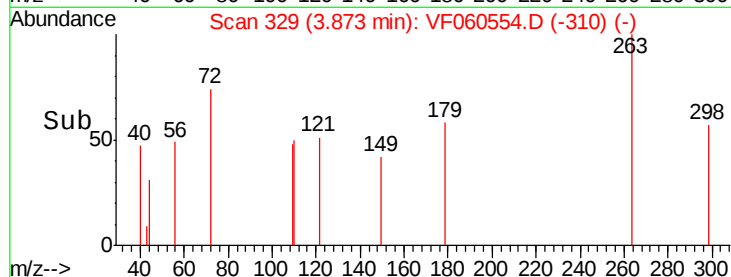
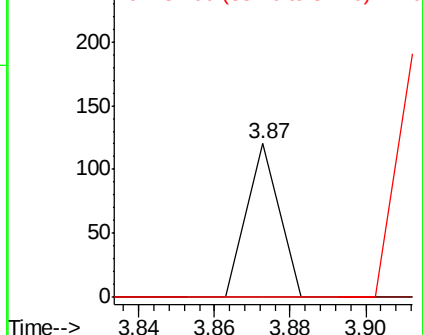
56 100

69 0.0 25.0 37.6#

84 0.0 72.1 108.1#



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



#32

1,1,1-Trichloroethane

Concen: 2.052 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.00 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

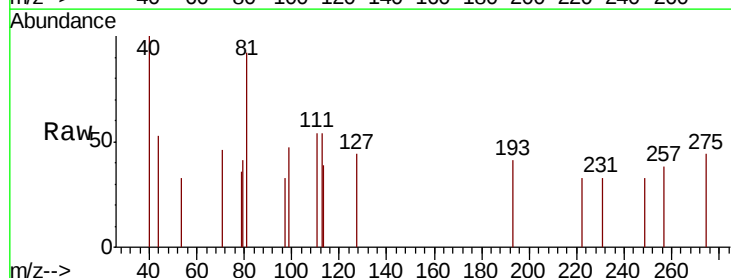
Tgt Ion: 97 Resp: 66

Ion Ratio Lower Upper

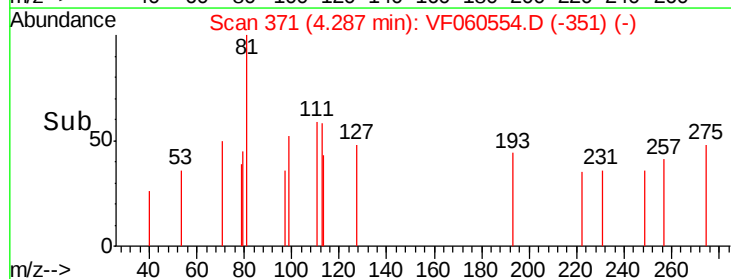
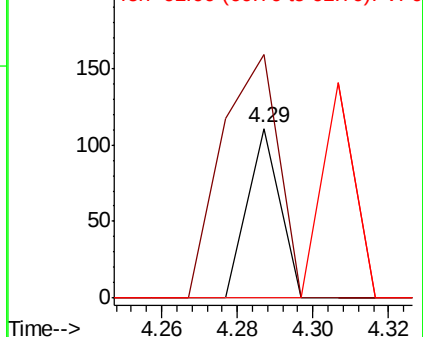
97 100

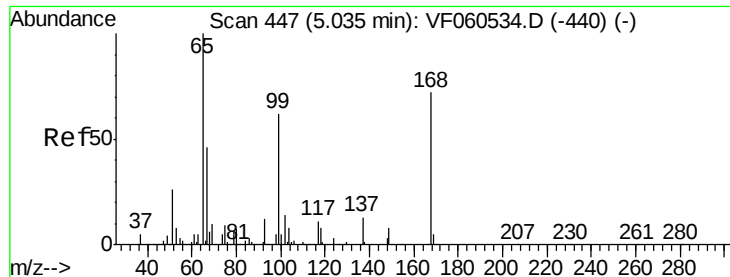
99 143.2 51.7 77.5#

61 0.0 36.8 55.2#



Abundance Ion 97.00 (96.70 to 97.70): VF0
Ion 99.00 (98.70 to 99.70): VF0
Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 3.451 ug/l

RT: 5.11 min Scan# 454

Delta R.T. 0.07 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

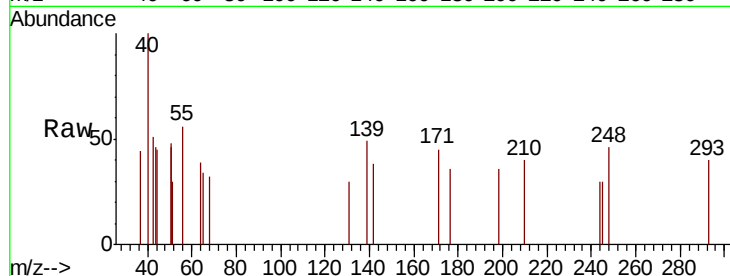
DL-SED-02

Tot Ion: 65 Resp: 70

Ion Ratio Lower Upper

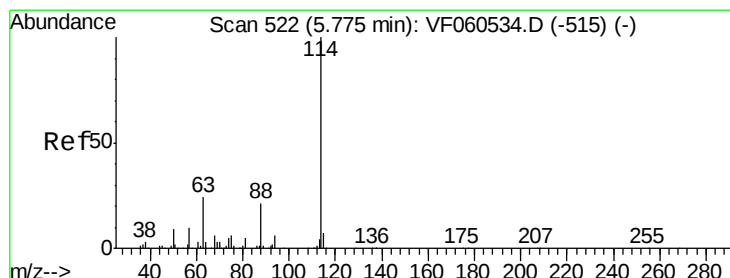
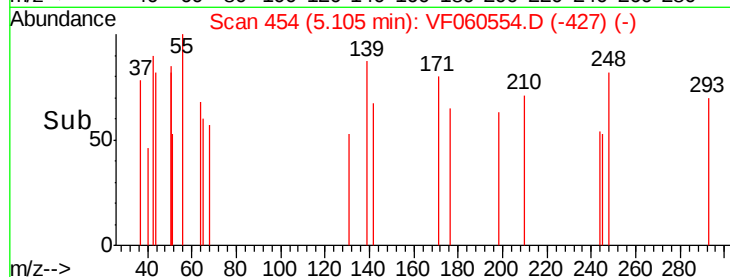
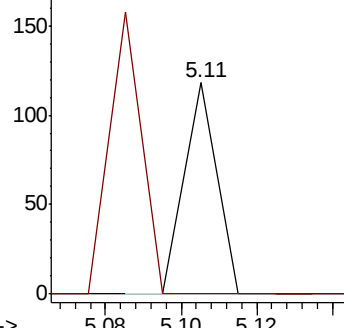
65 100

67 0.0 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: 6.13 min Scan# 558

Delta R.T. 0.36 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

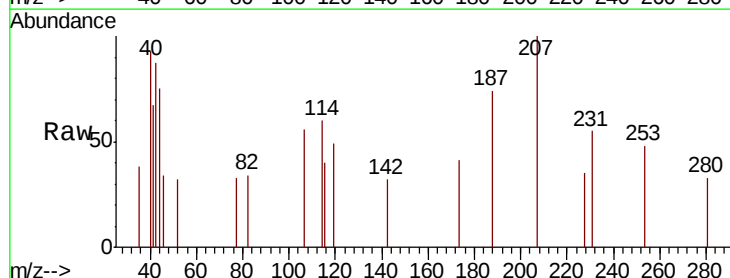
Tgt Ion: 114 Resp: 179

Ion Ratio Lower Upper

114 100

63 0.0 0.0 48.0

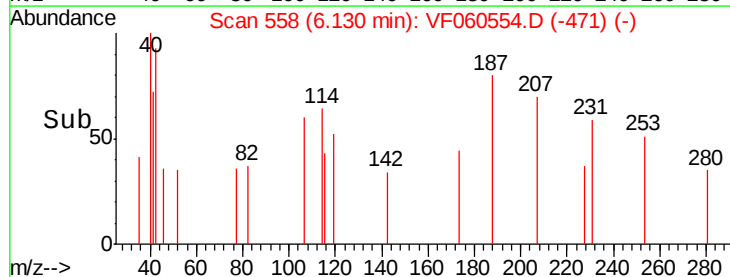
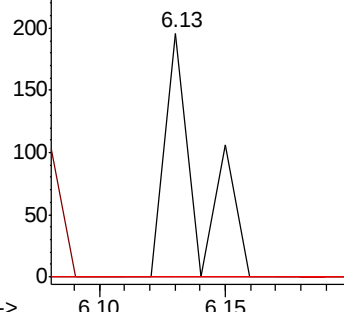
88 0.0 0.0 42.0

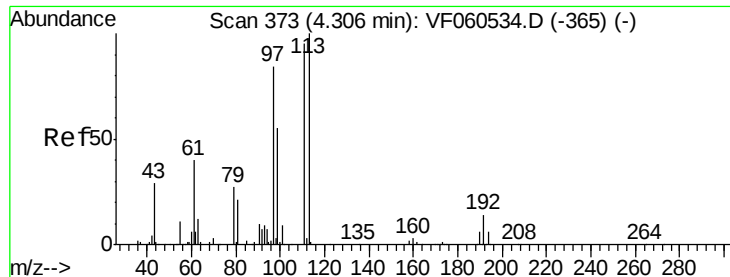


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 47.740 ug/l

RT: 4.43 min Scan# 386

Delta R.T. 0.13 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

DL-SED-02

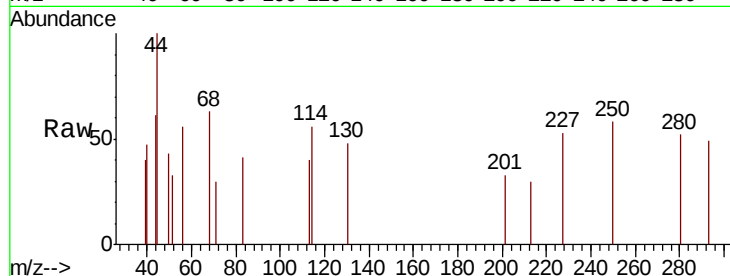
Tot Ion: 113 Resp: 82

Ion Ratio Lower Upper

113 100

111 0.0 75.9 113.9#

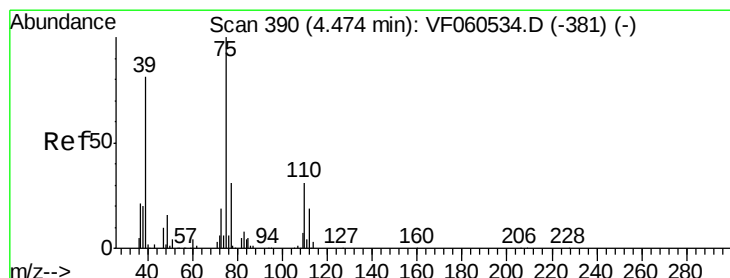
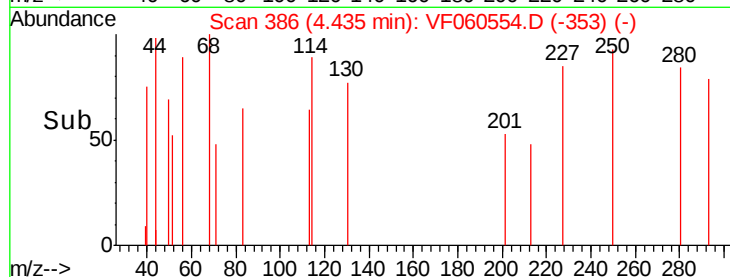
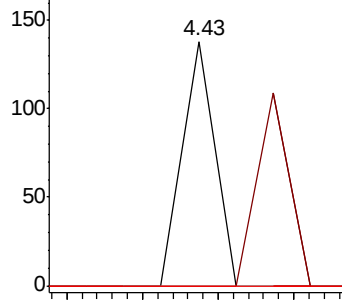
192 0.0 11.2 16.8#



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



#36

1,1-Dichloropropene

Concen: 30.938 ug/l

RT: 4.70 min Scan# 413

Delta R.T. 0.23 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

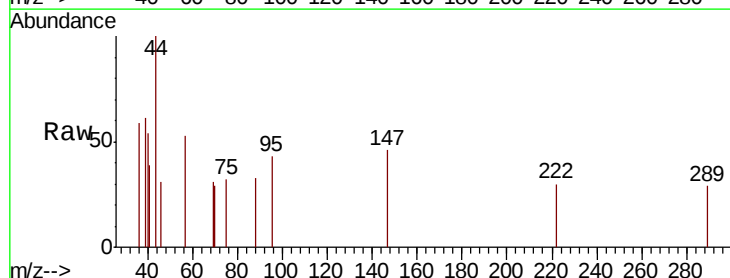
Tgt Ion: 75 Resp: 69

Ion Ratio Lower Upper

75 100

110 0.0 15.3 45.8#

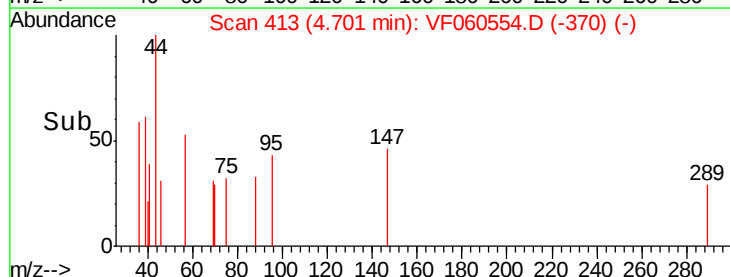
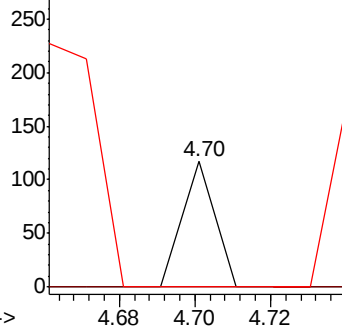
77 0.0 24.8 37.2#

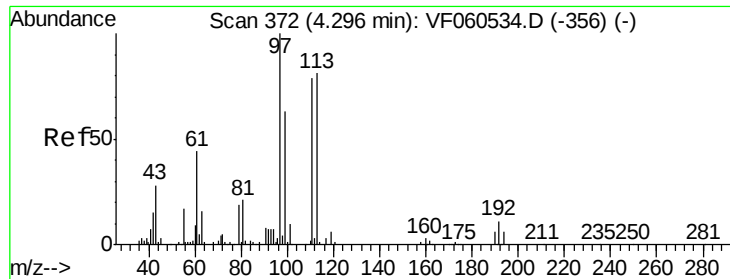


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

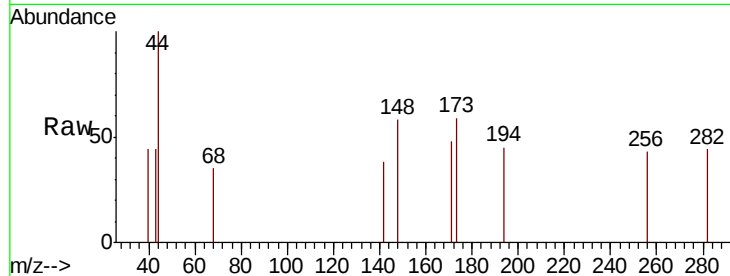




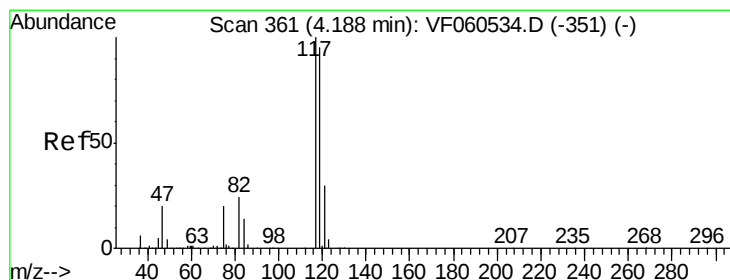
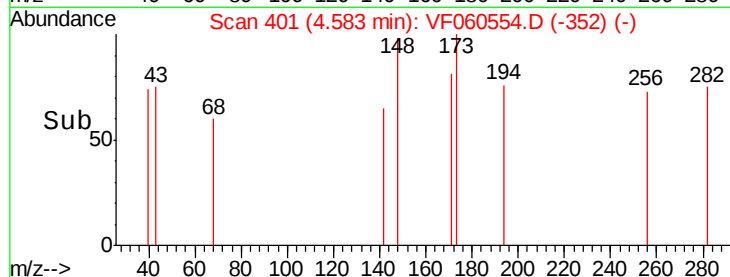
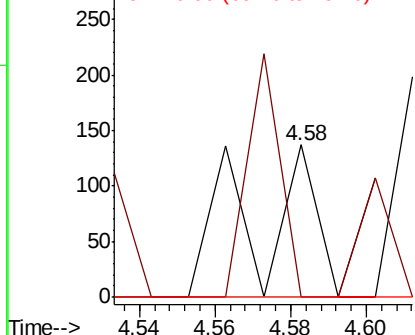
#37
Ethyl Acetate
Concen: 222.987 ug/l
RT: 4.58 min Scan# 401
Delta R.T. 0.29 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampled :
DL-SED-02

Tot Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
61 0.0 123.9 185.9#
70 0.0 7.3 10.9#

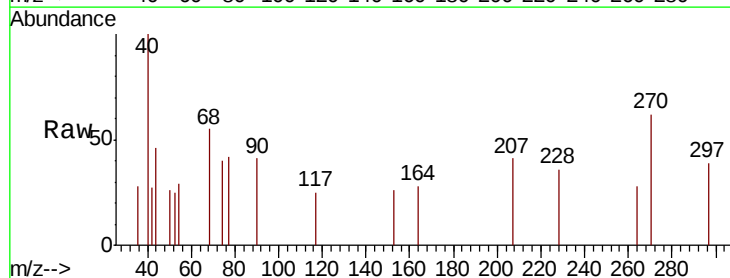


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

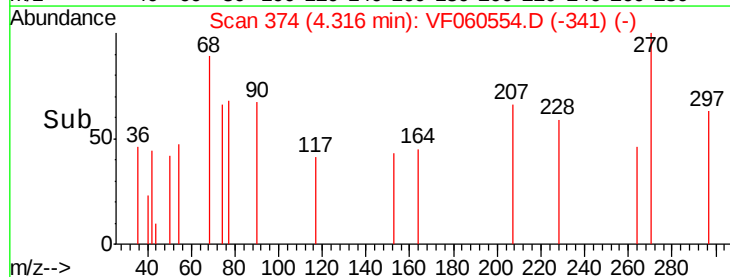
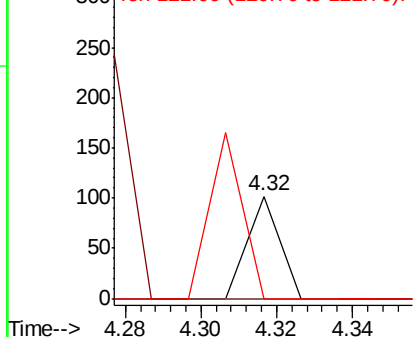


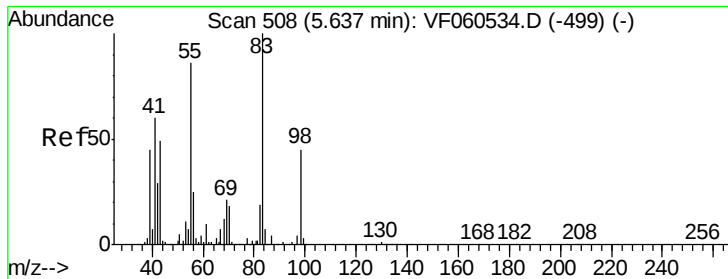
#38
Carbon Tetrachloride
Concen: 22.469 ug/l
RT: 4.32 min Scan# 374
Delta R.T. 0.13 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 117 Resp: 60
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 24.3 36.5#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

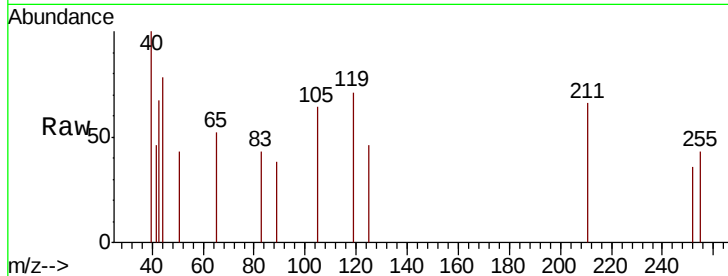




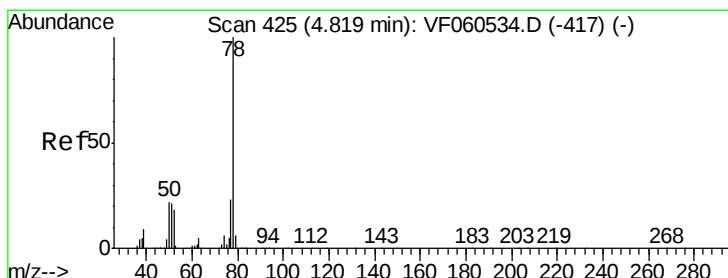
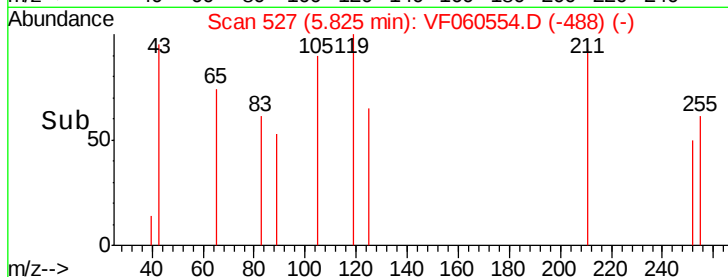
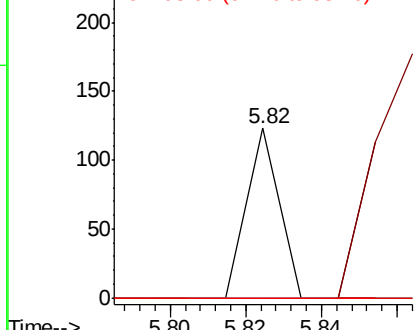
#39
Methylcyclohexane
Concen: 32.412 ug/l
RT: 5.82 min Scan# 527
Delta R.T. 0.19 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tot Ion: 83 Resp: 73
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.0 36.1 54.1#

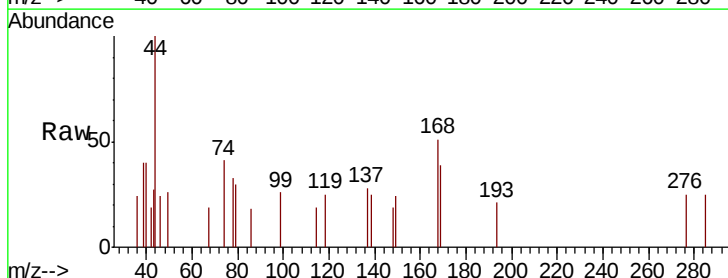


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

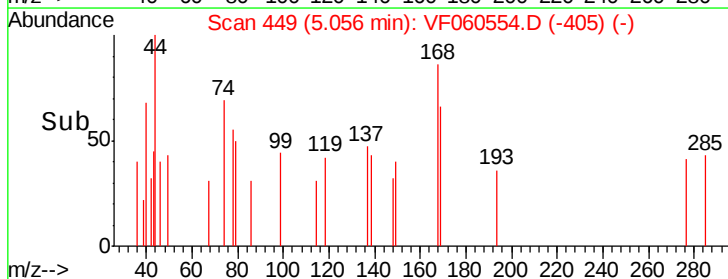
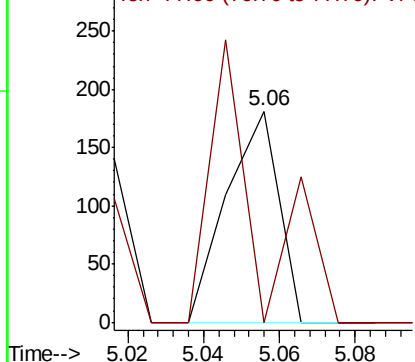


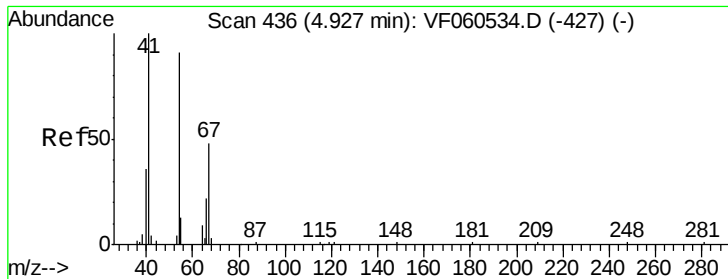
#40
Benzene
Concen: 38.884 ug/l
RT: 5.06 min Scan# 449
Delta R.T. 0.24 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 78 Resp: 172
Ion Ratio Lower Upper
78 100
77 0.0 18.5 27.7#



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0

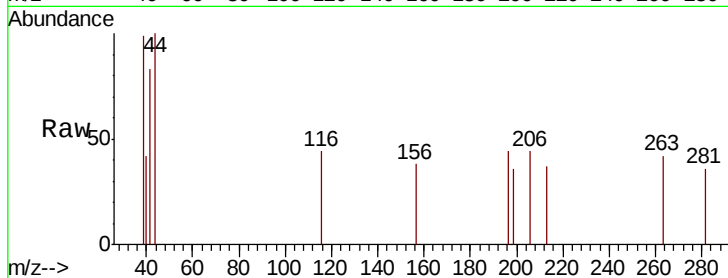




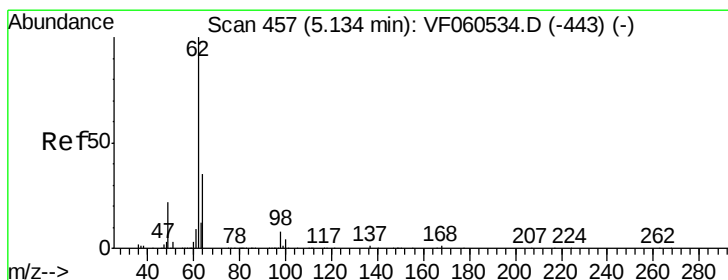
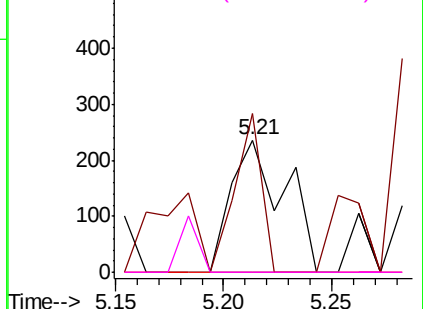
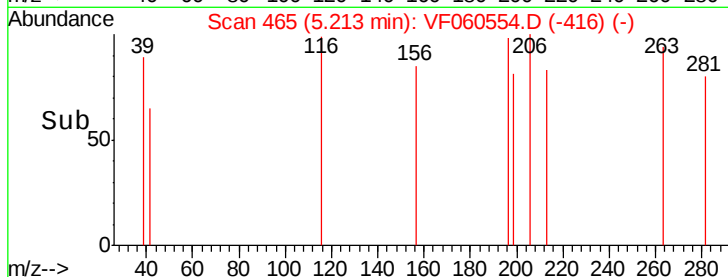
#41
Methacrylonitrile
Concen: 995.844 ug/l
RT: 5.21 min Scan# 465
Delta R.T. 0.29 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tot Ion:	41	Resp:	411
Ion	Ratio	Lower	Upper
41	100		
39	119.9	51.0	76.6#
67	0.0	38.0	57.0#
52	0.0	40.6	61.0#

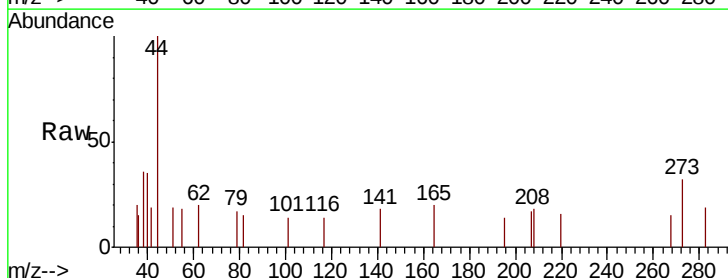


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

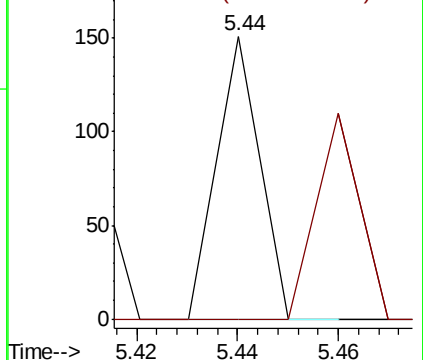
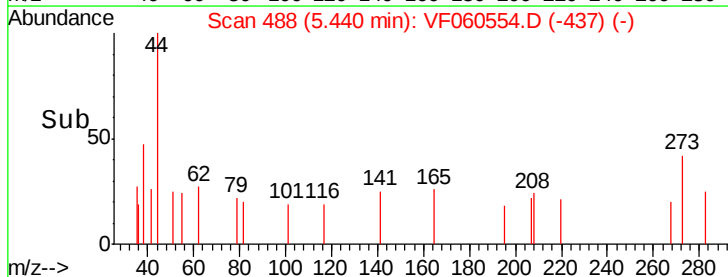


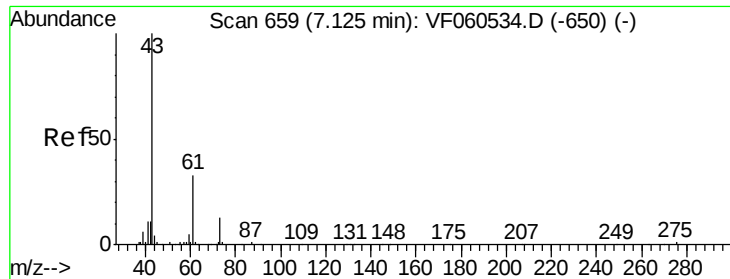
#42
1,2-Dichloroethane
Concen: 43.331 ug/l
RT: 5.44 min Scan# 488
Delta R.T. 0.31 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion:	62	Resp:	89
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



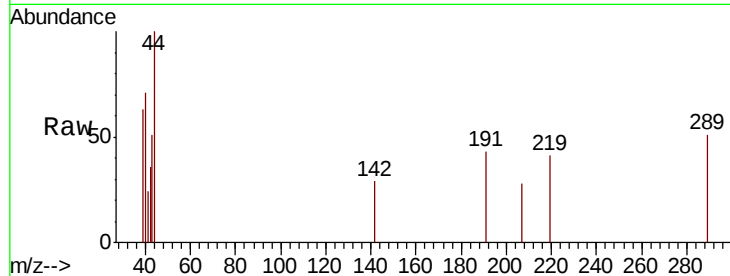


#43

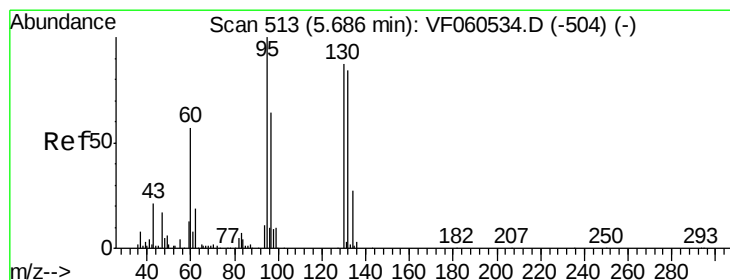
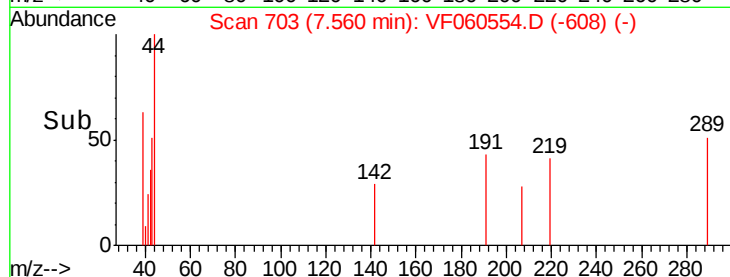
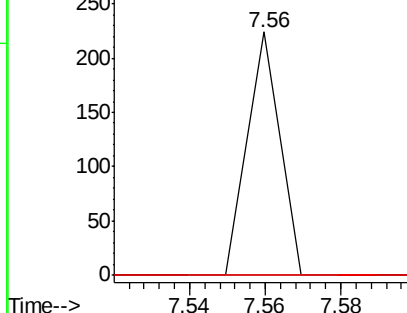
Isopropyl Acetate
 Concen: 151.040 ug/l
 RT: 7.56 min Scan# 703
 Delta R.T. 0.43 min
 Lab File: VF060554.D
 Acq: 30 Oct 2018 19:40

Instrument :
 MSVOA_F
 ClientSampleId :
 DL-SED-02

Tot Ion: 43 Resp: 132
 Ion Ratio Lower Upper
 43 100
 61 0.0 26.6 40.0#
 87 0.0 0.6 1.0#



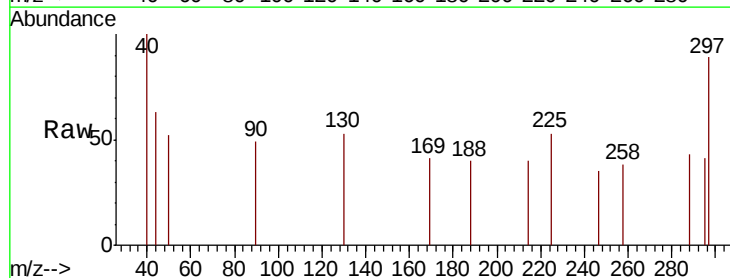
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



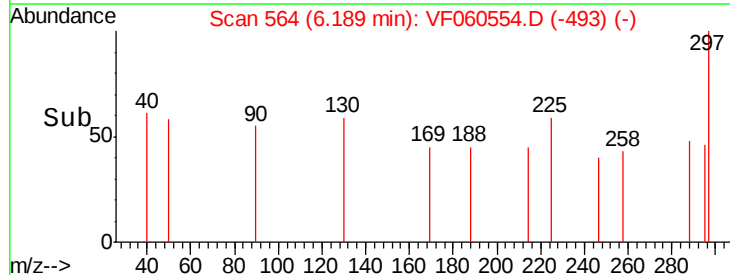
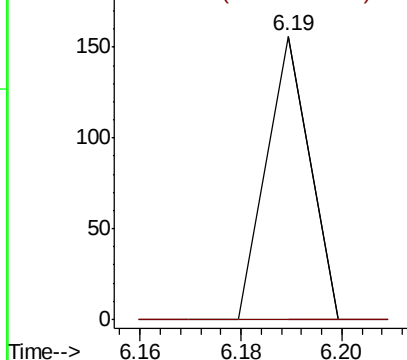
#44

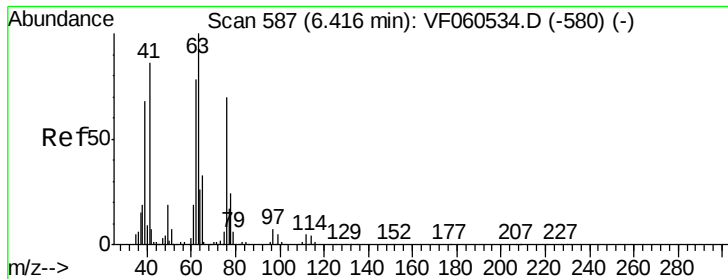
Trichloroethene
 Concen: 64.341 ug/l
 RT: 6.19 min Scan# 564
 Delta R.T. 0.50 min
 Lab File: VF060554.D
 Acq: 30 Oct 2018 19:40

Tgt Ion:130 Resp: 92
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 229.4



Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 57.073 ug/l

RT: 6.82 min Scan# 628

Delta R.T. 0.40 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

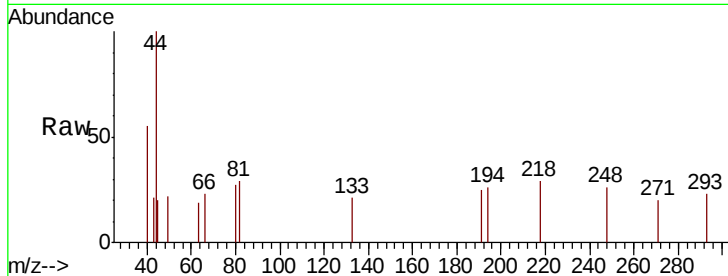
DL-SED-02

Tot Ion: 63 Resp: 63

Ion Ratio Lower Upper

63 100

65 0.0 26.5 39.7#

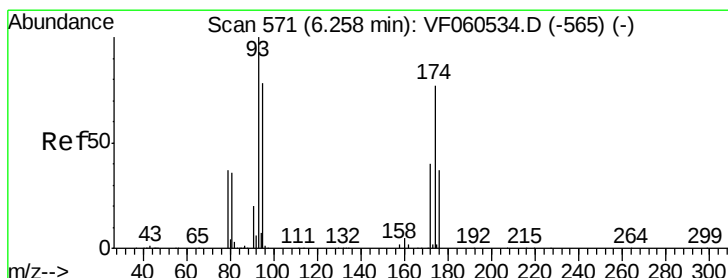
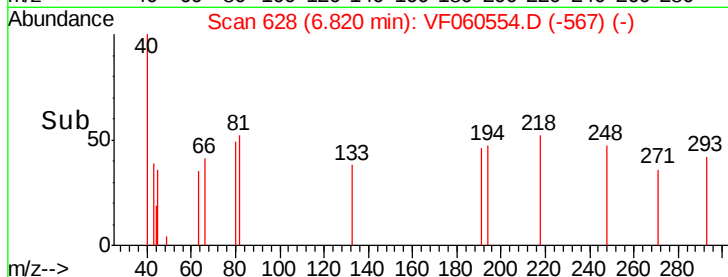


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.82

Time-->



#46

Dibromomethane

Concen: 84.217 ug/l

RT: 6.76 min Scan# 622

Delta R.T. 0.50 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

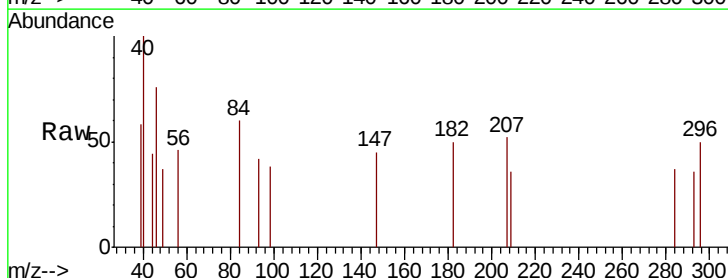
Tgt Ion: 93 Resp: 73

Ion Ratio Lower Upper

93 100

95 0.0 64.3 96.5#

174 0.0 63.3 94.9#



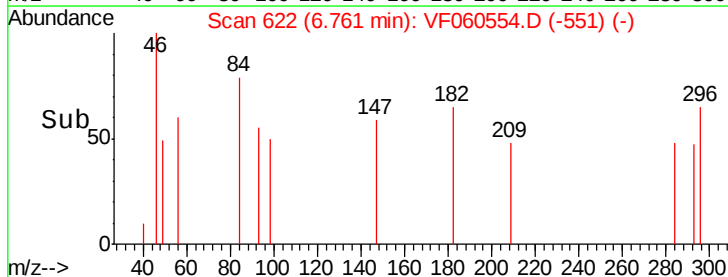
Abundance Ion 93.00 (92.70 to 93.70): VF0

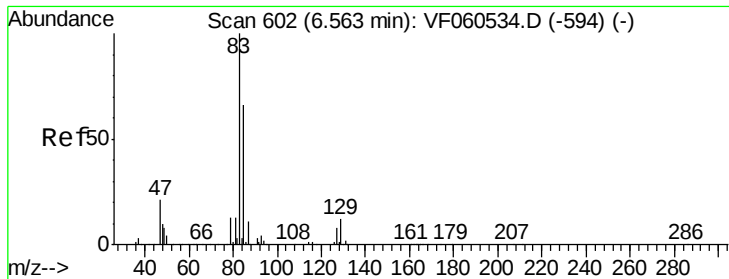
Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

6.76

Time-->





#47

Bromodichloromethane

Concen: 40.464 ug/l

RT: 6.89 min Scan# 635

Delta R.T. 0.33 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

DL-SED-02

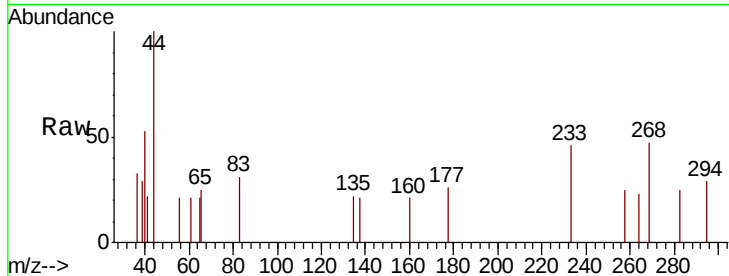
Tot Ion: 83 Resp: 90

Ion Ratio Lower Upper

83 100

85 0.0 52.7 79.1#

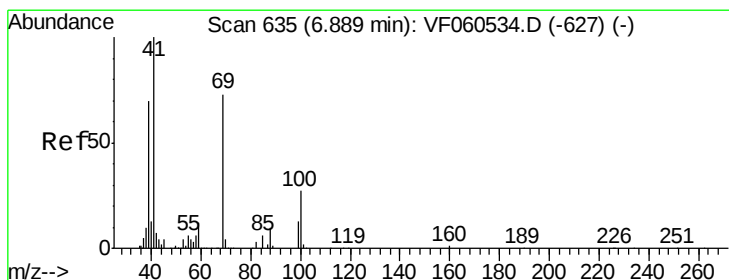
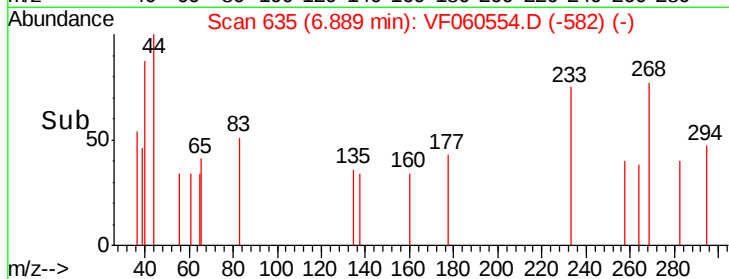
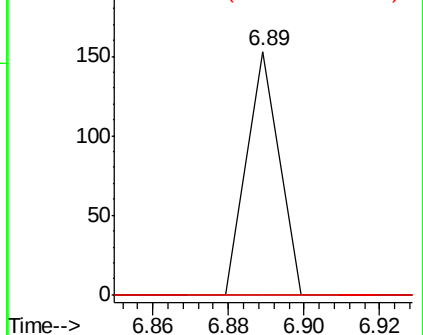
127 0.0 6.4 9.6#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 250.497 ug/l

RT: 7.32 min Scan# 679

Delta R.T. 0.43 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

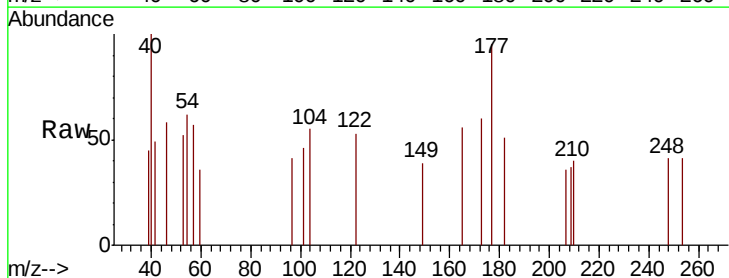
Tgt Ion: 41 Resp: 151

Ion Ratio Lower Upper

41 100

69 0.0 58.4 87.6#

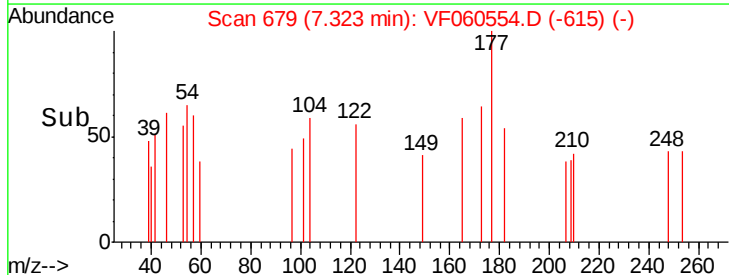
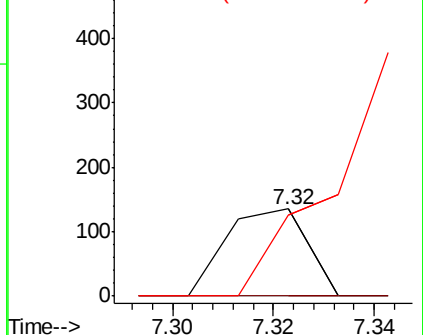
39 93.3 56.4 84.6#

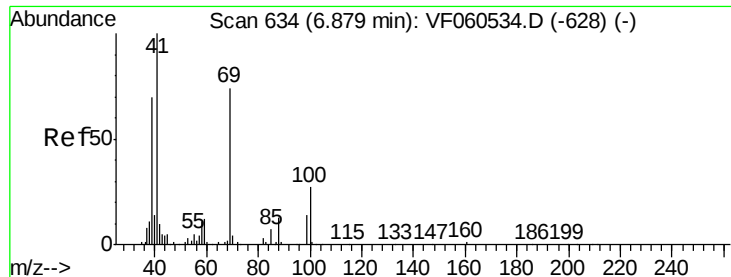


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

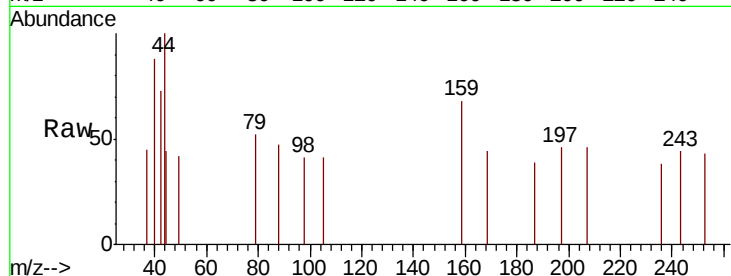




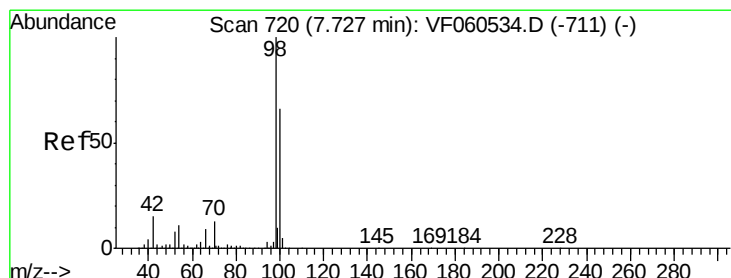
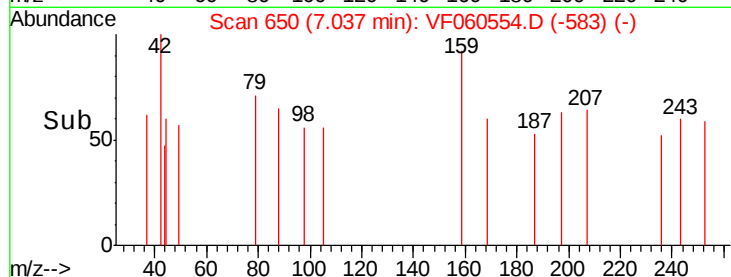
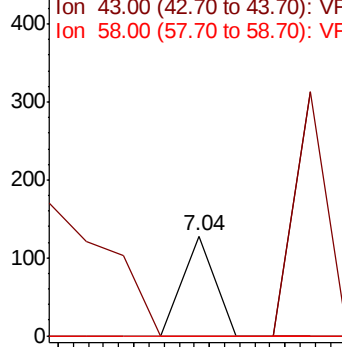
#49
1,4-Dioxane
Concen: 13553.127 ug/l
RT: 7.04 min Scan# 650
Delta R.T. 0.16 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

Tot Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 0.0 49.7 74.5#
58 0.0 67.7 101.5#

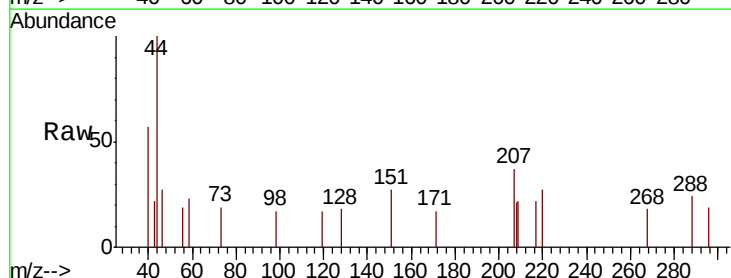


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

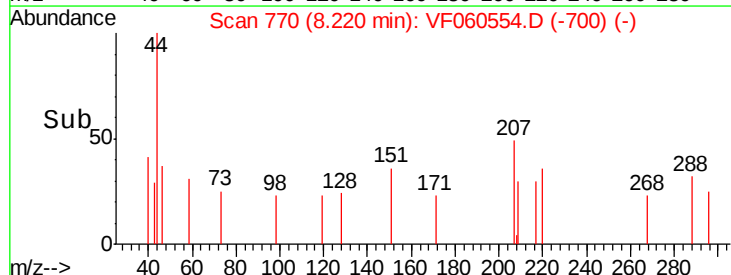
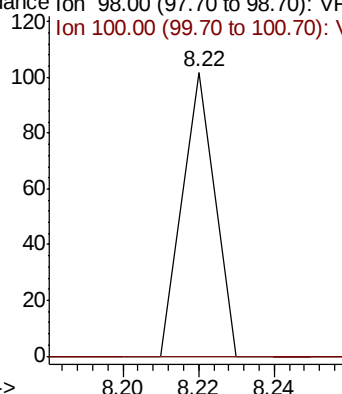


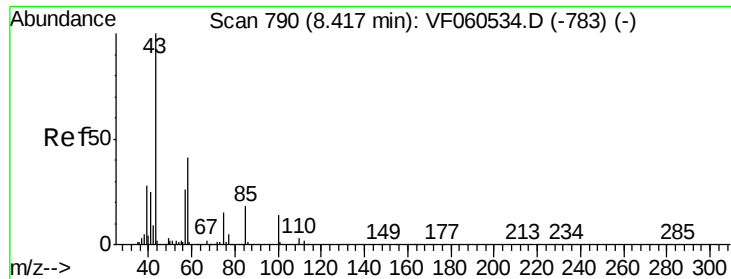
#50
Toluene-d8
Concen: 14.303 ug/l
RT: 8.22 min Scan# 770
Delta R.T. 0.49 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Tgt Ion: 98 Resp: 60
Ion Ratio Lower Upper
98 100
100 0.0 53.0 79.6#



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 233.790 ug/l

RT: 8.91 min Scan# 840

Delta R.T. 0.49 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

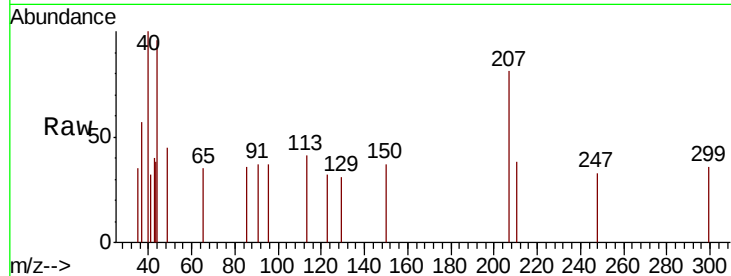
DL-SED-02

Tot Ion: 43 Resp: 148

Ion Ratio Lower Upper

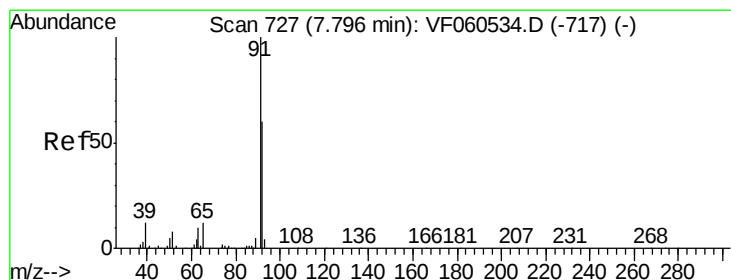
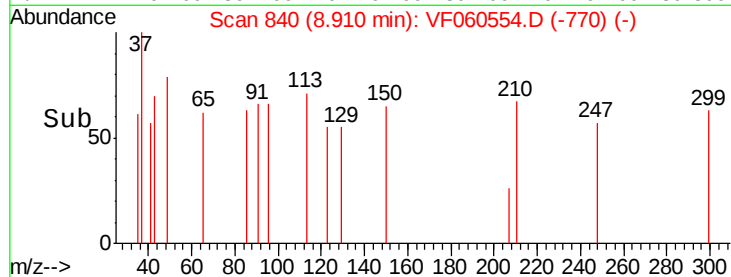
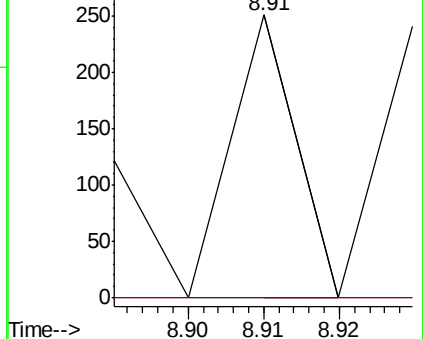
43 100

58 0.0 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 24.028 ug/l

RT: 8.27 min Scan# 775

Delta R.T. 0.47 min

Lab File: VF060554.D

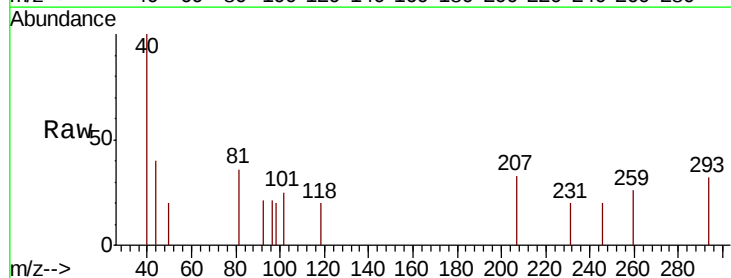
Acq: 30 Oct 2018 19:40

Tgt Ion: 92 Resp: 69

Ion Ratio Lower Upper

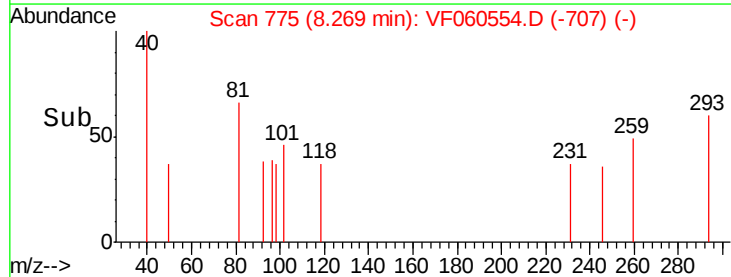
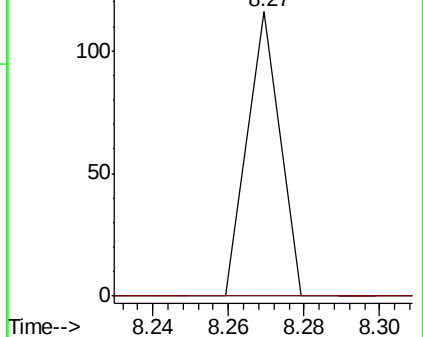
92 100

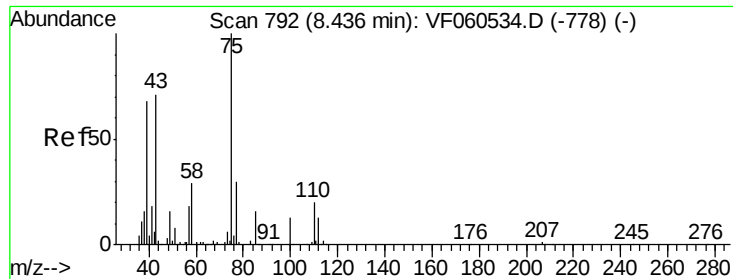
91 0.0 134.1 201.1#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 46.044 ug/l

RT: 9.01 min Scan# 850

Delta R.T. 0.57 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampled :

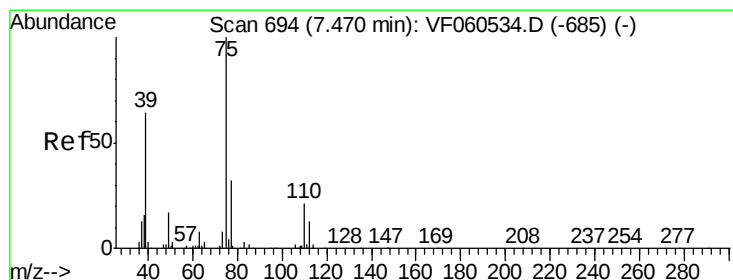
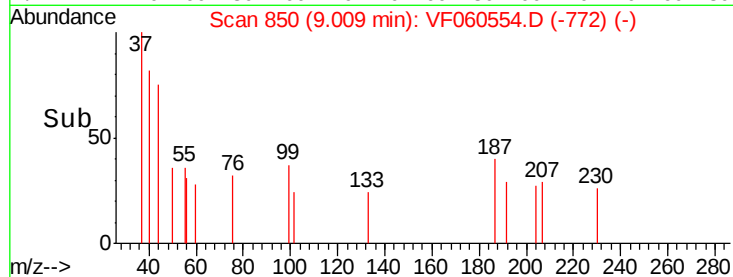
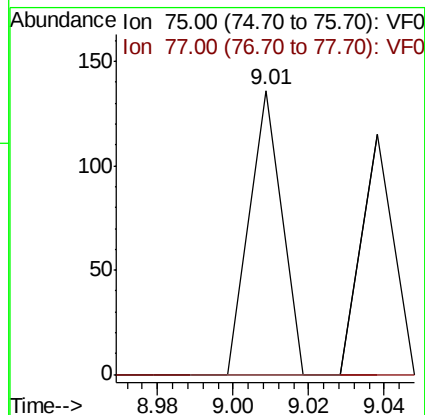
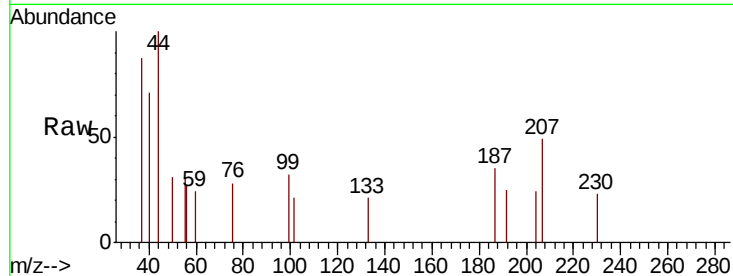
DL-SED-02

Tot Ion: 75 Resp: 80

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.4#



#54

cis-1,3-Dichloropropene

Concen: 28.653 ug/l

RT: 8.01 min Scan# 749

Delta R.T. 0.54 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

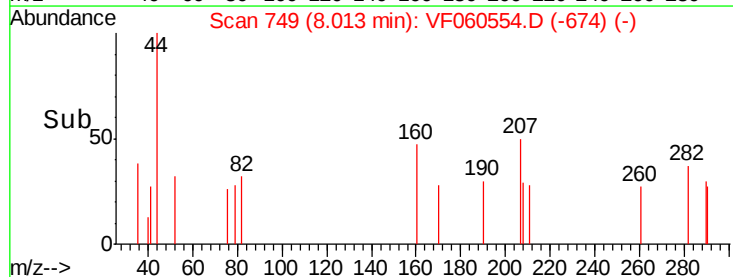
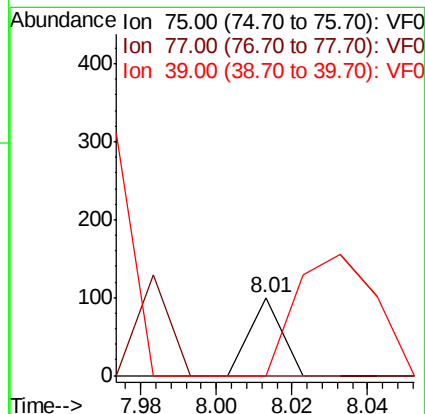
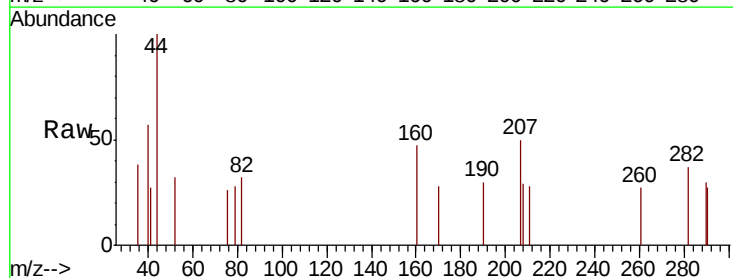
Tgt Ion: 75 Resp: 59

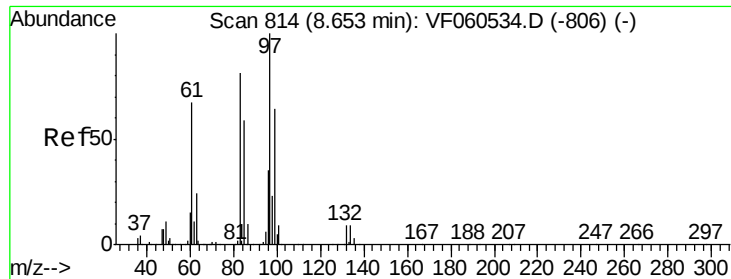
Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

39 0.0 51.5 77.3#





#55

1,1,2-Trichloroethane

Concen: 123.197 ug/l

RT: 9.14 min Scan# 863

Delta R.T. 0.48 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

DL-SED-02

Tot Ion: 97 Resp: 106

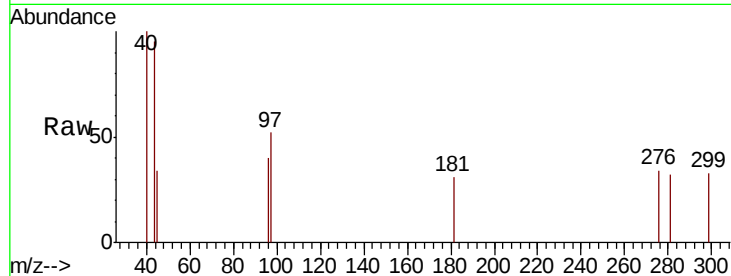
Ion Ratio Lower Upper

97 100

83 0.0 65.3 97.9#

85 0.0 47.6 71.4#

99 0.0 51.5 77.3#

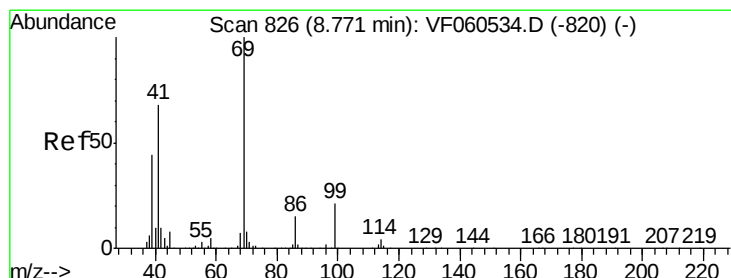
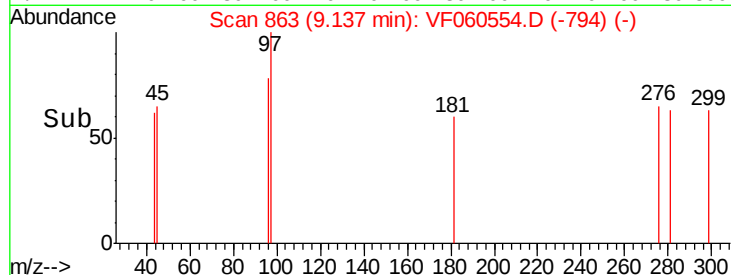
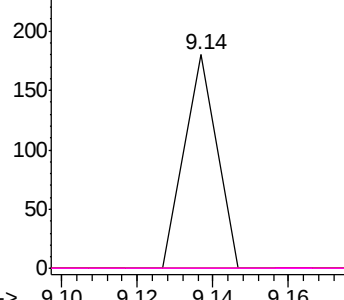


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 84.935 ug/l

RT: 9.40 min Scan# 890

Delta R.T. 0.63 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

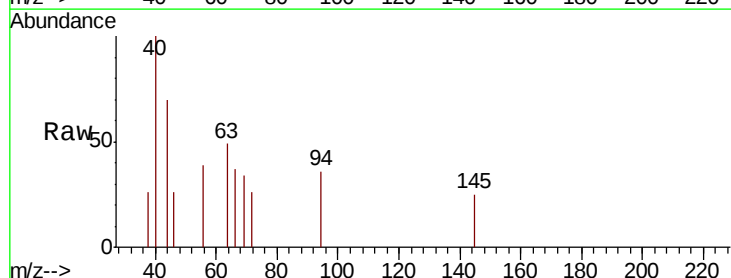
Tgt Ion: 69 Resp: 82

Ion Ratio Lower Upper

69 100

41 0.0 55.0 82.6#

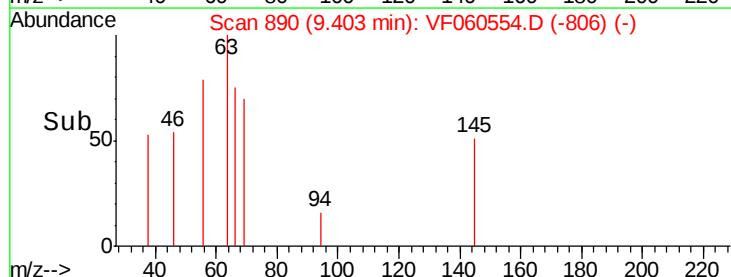
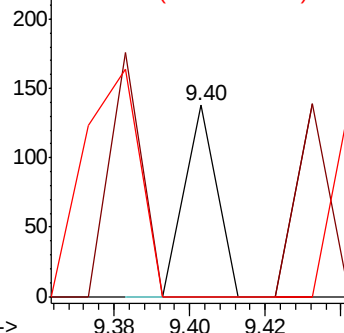
39 0.0 35.1 52.7#

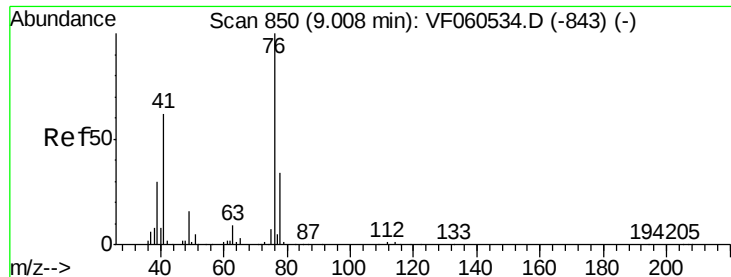


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 61.124 ug/l

RT: 9.61 min Scan# 911

Delta R.T. 0.60 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

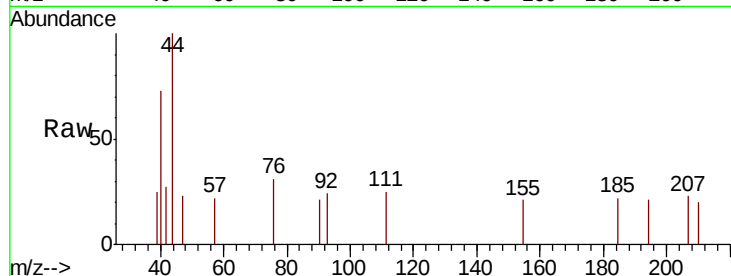
DL-SED-02

Tot Ion: 76 Resp: 89

Ion Ratio Lower Upper

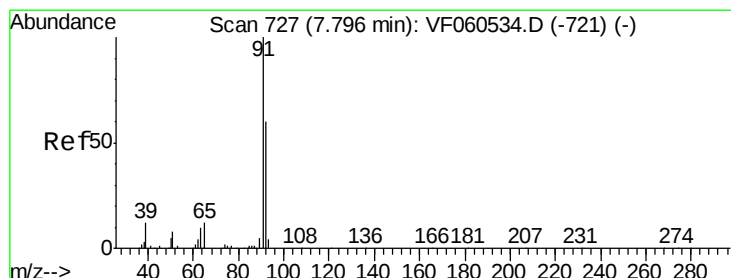
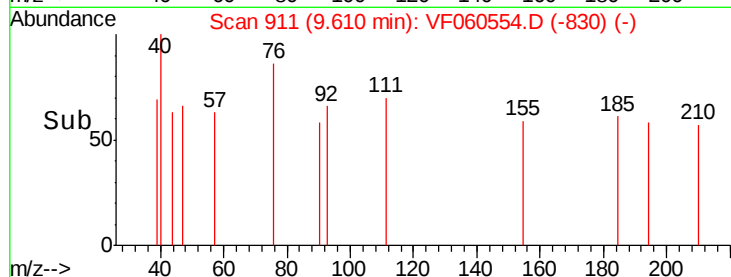
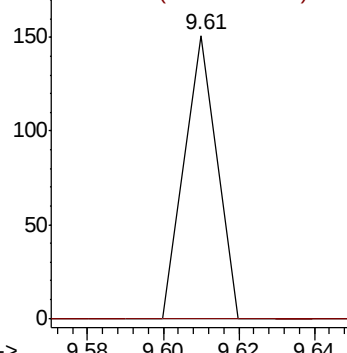
76 100

78 0.0 27.3 40.9#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 643.201 ug/l

RT: 8.28 min Scan# 776

Delta R.T. 0.48 min

Lab File: VF060554.D

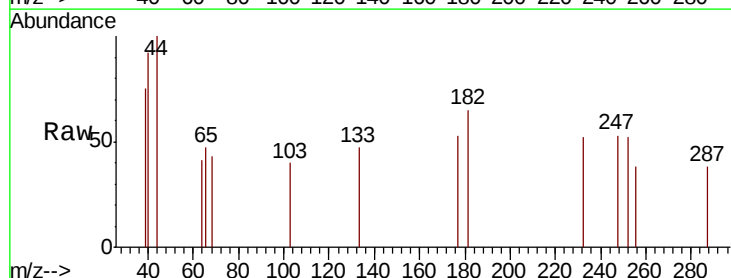
Acq: 30 Oct 2018 19:40

Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

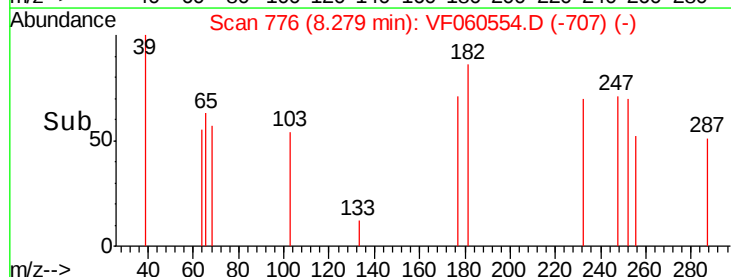
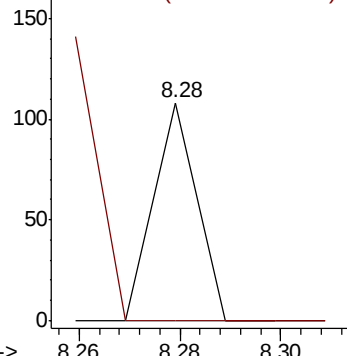
63 100

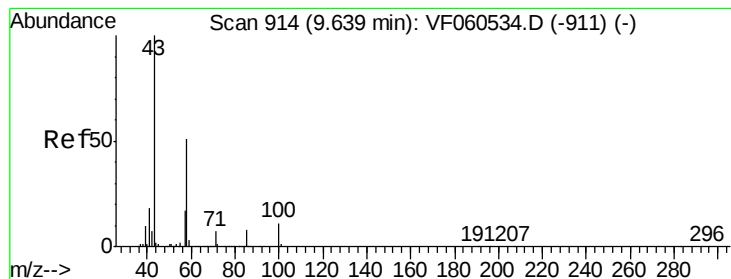
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V





#59

2-Hexanone

Concen: 253.439 ug/l

RT: 10.25 min Scan# 976

Delta R.T. 0.61 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

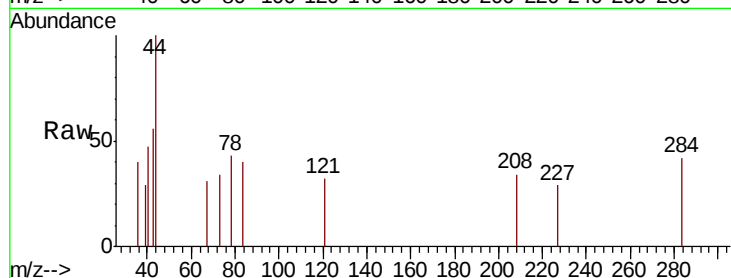
DL-SED-02

Tot Ion: 43 Resp: 118

Ion Ratio Lower Upper

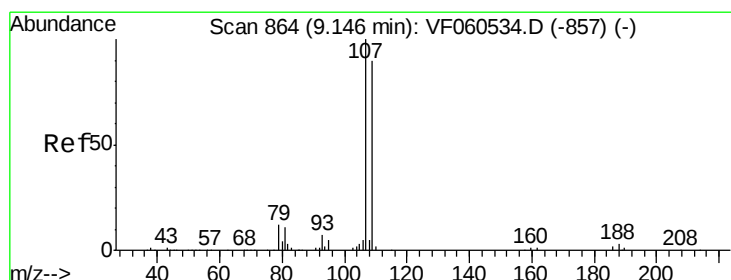
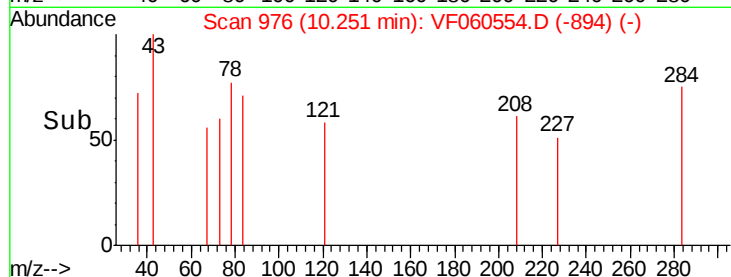
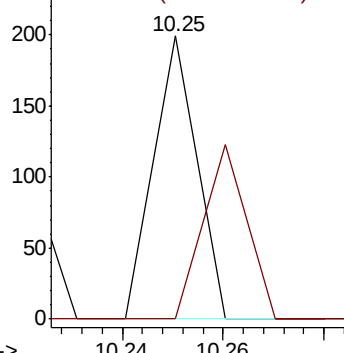
43 100

58 0.0 24.1 72.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#61

1,2-Dibromoethane

Concen: 62.237 ug/l

RT: 9.84 min Scan# 934

Delta R.T. 0.69 min

Lab File: VF060554.D

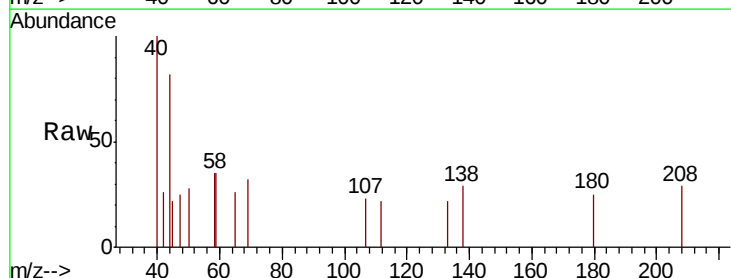
Acq: 30 Oct 2018 19:40

Tgt Ion: 107 Resp: 62

Ion Ratio Lower Upper

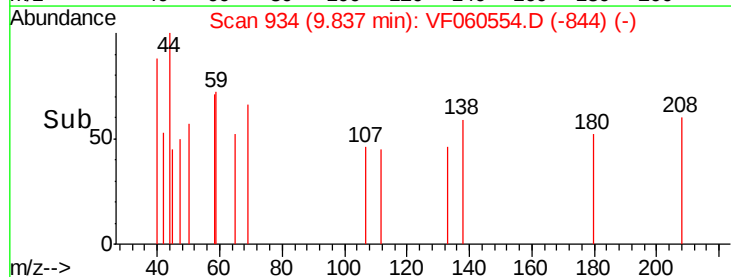
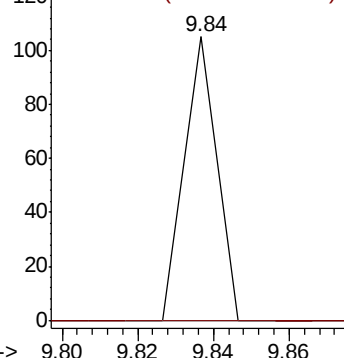
107 100

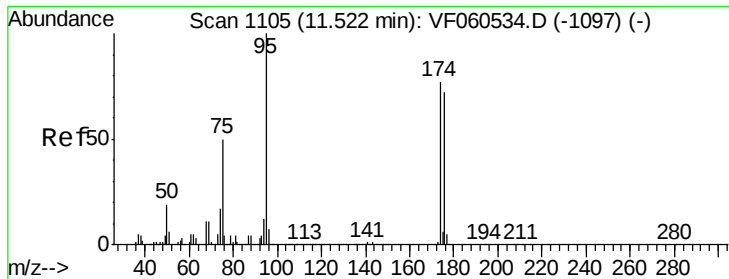
109 0.0 72.2 108.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

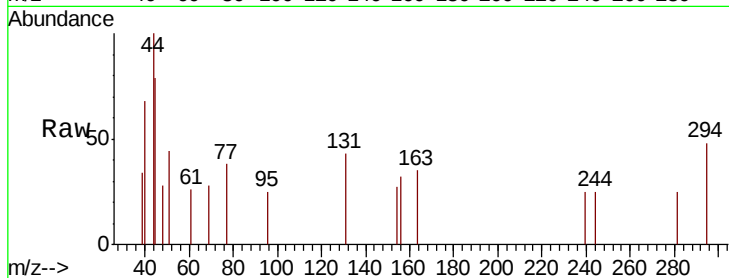




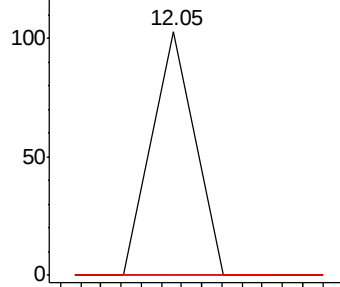
#62
4-Bromofluorobenzene
Concen: 31.560 ug/l
RT: 12.05 min Scan# 1159
Delta R.T. 0.53 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
DL-SED-02

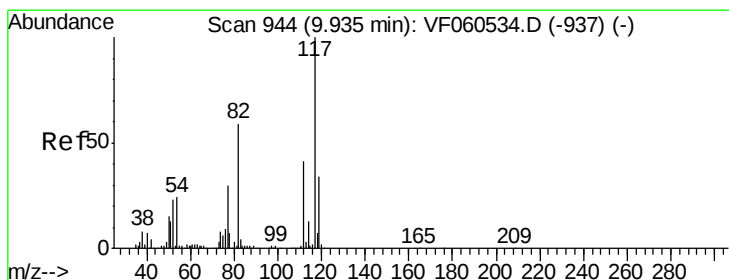
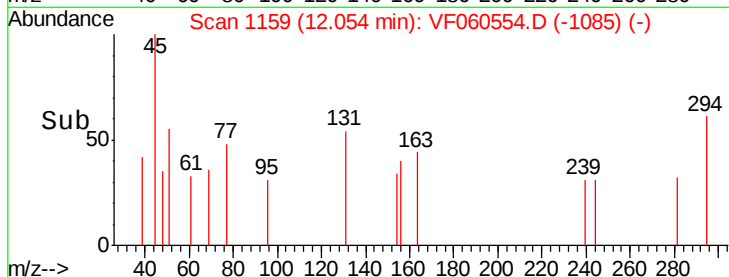
Tot Ion: 95 Resp: 61
Ion Ratio Lower Upper
95 100
174 0.0 0.0 153.8
176 0.0 0.0 143.6



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

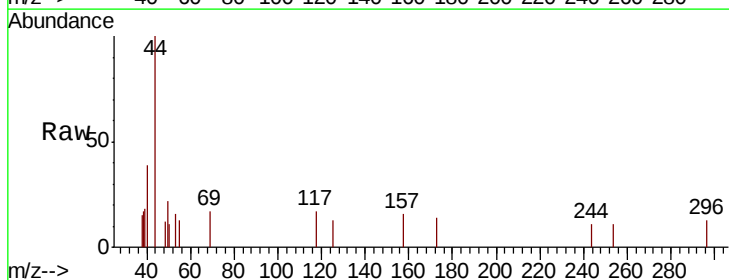


Time-->

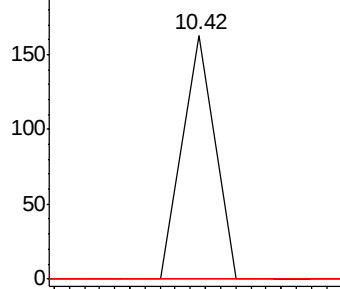


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.42 min Scan# 993
Delta R.T. 0.48 min
Lab File: VF060554.D
Acq: 30 Oct 2018 19:40

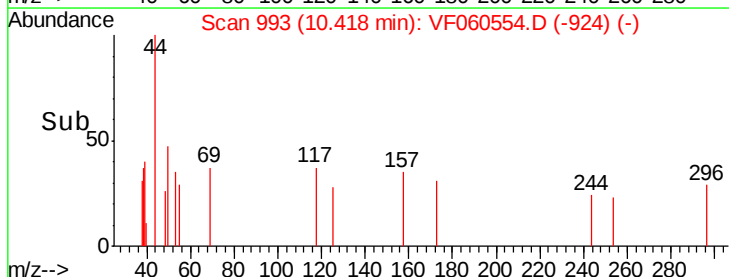
Tgt Ion: 117 Resp: 96
Ion Ratio Lower Upper
117 100
82 0.0 47.6 71.4#
119 0.0 27.3 40.9#

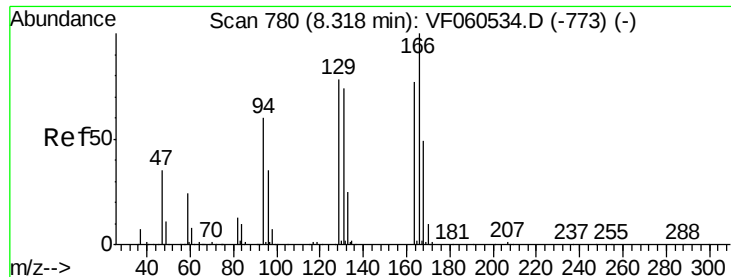


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



Time-->





#64

Tetrachloroethene

Concen: 88.725 ug/l

RT: 8.32 min Scan# 780

Delta R.T. 0.00 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

DL-SED-02

Tot Ion:164 Resp: 72

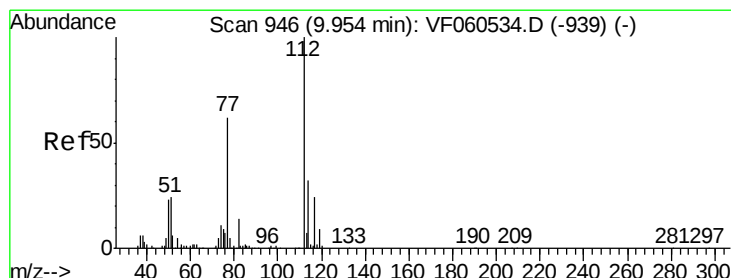
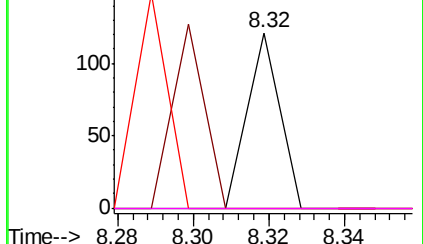
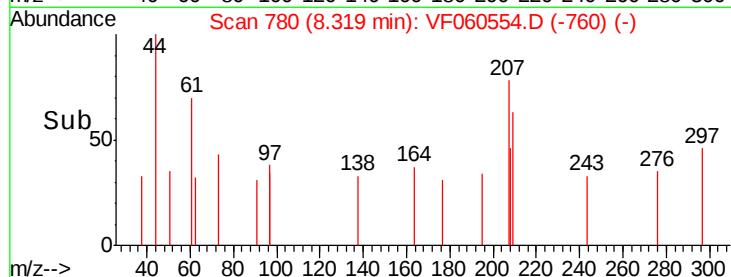
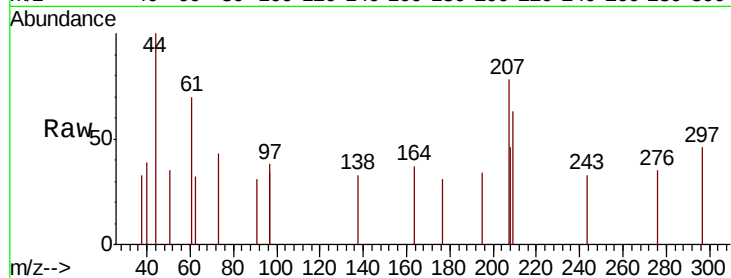
Ion Ratio Lower Upper

164 100

166 0.0 103.4 155.2#

129 0.0 80.7 121.1#

131 0.0 76.3 114.5#



#65

Chlorobenzene

Concen: 37.795 ug/l

RT: 9.94 min Scan# 944

Delta R.T. -0.02 min

Lab File: VF060554.D

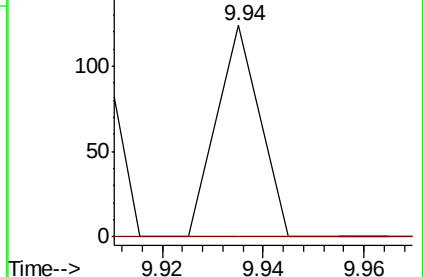
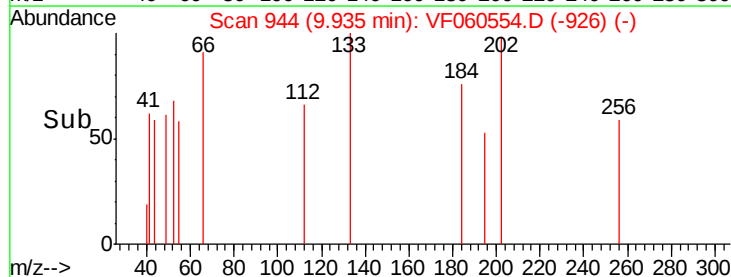
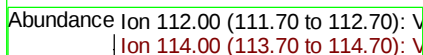
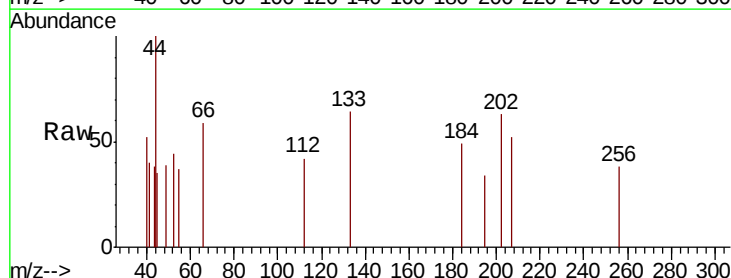
Acq: 30 Oct 2018 19:40

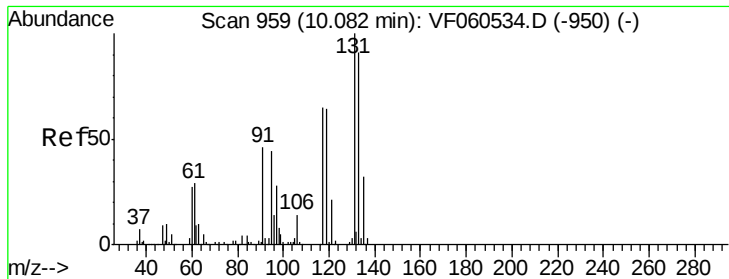
Tgt Ion:112 Resp: 73

Ion Ratio Lower Upper

112 100

114 0.0 25.5 38.3#





#66

1,1,1,2-Tetrachloroethane

Concen: 87.488 ug/l

RT: 10.14 min Scan# 965

Delta R.T. 0.06 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

DL-SED-02

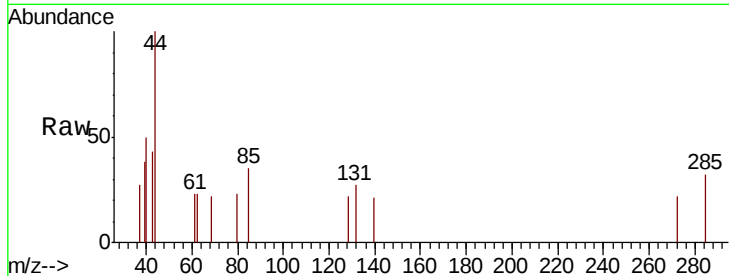
Tot Ion:131 Resp: 77

Ion Ratio Lower Upper

131 100

133 0.0 45.8 137.3#

119 0.0 32.4 97.0#



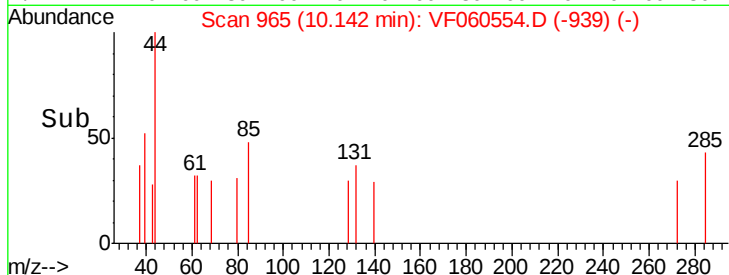
Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

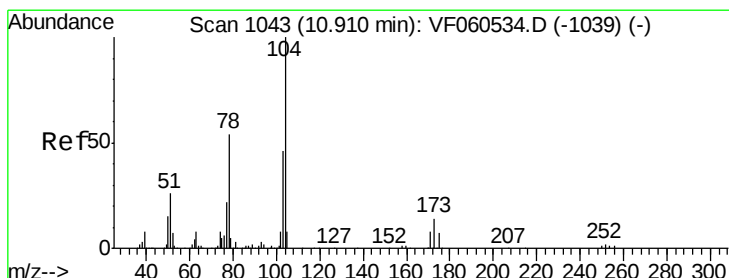
Ion 119.00 (118.70 to 119.70): V

10.14

10.16



Time-->



#70

Styrene

Concen: 32.981 ug/l

RT: 10.81 min Scan# 1033

Delta R.T. -0.10 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

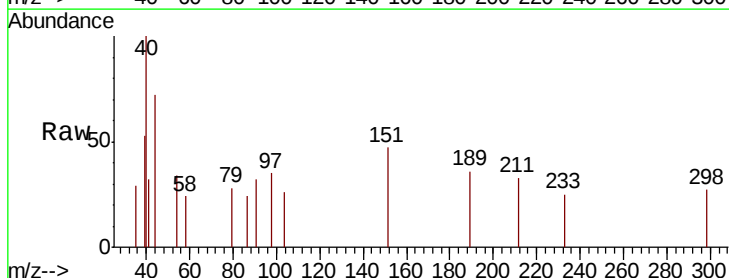
Tgt Ion:104 Resp: 66

Ion Ratio Lower Upper

104 100

78 0.0 43.4 65.2#

103 0.0 36.9 55.3#



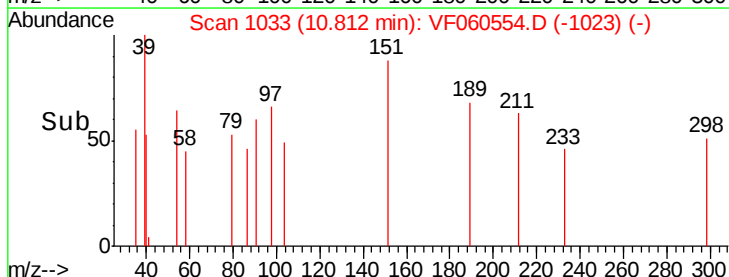
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

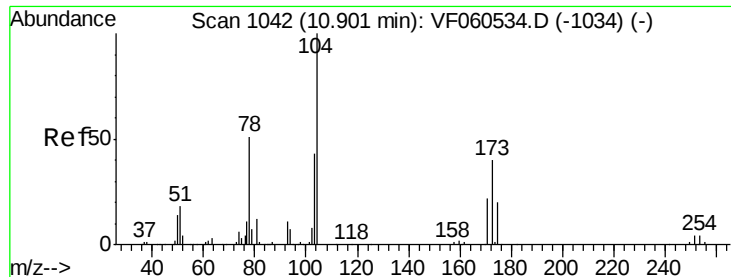
Ion 103.00 (102.70 to 103.70): V

10.81

10.84



Time-->



#71

Bromoform

Concen: 151.996 ug/l

RT: 10.93 min Scan# 1045

Delta R.T. 0.03 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Instrument :

MSVOA_F

ClientSampleId :

DL-SED-02

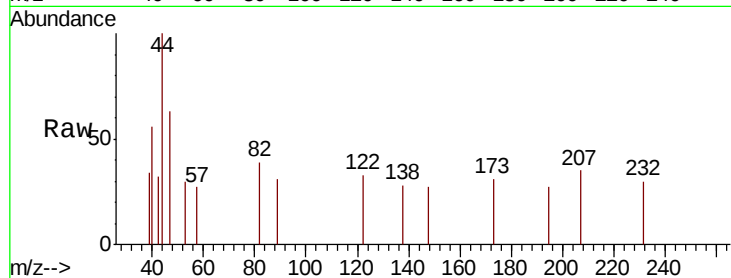
Tot Ion:173 Resp: 69

Ion Ratio Lower Upper

173 100

175 0.0 25.7 77.0#

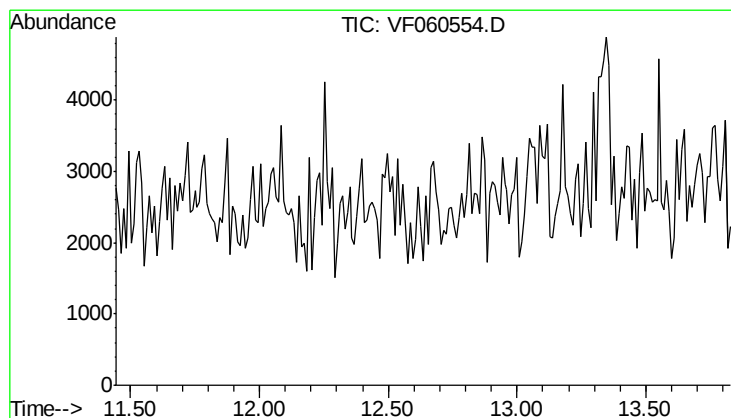
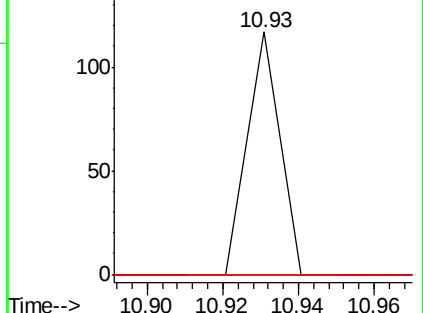
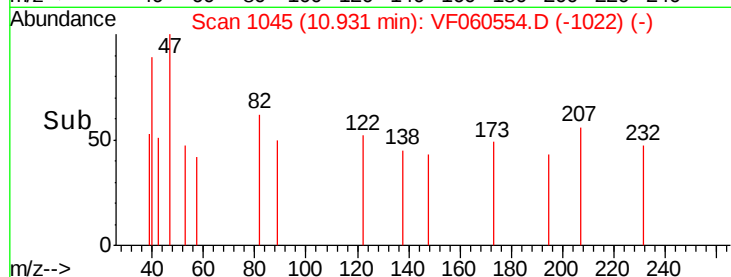
254 0.0 7.8 11.6#



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: 0.000 ug/l

Expected RT: 12.64 min

Lab File: VF060554.D

Acq: 30 Oct 2018 19:40

Tgt Ion: 152

Sig Exp Ratio

152 100

115 69.4

150 159.2

