

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092418\
 Data File : VL032544.D
 Acq On : 25 Sep 2018 14:15
 Operator : SY/AP
 Sample : J4999-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENT

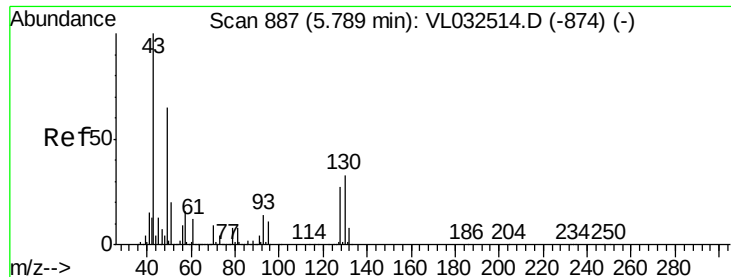
Quant Time: Sep 25 15:44:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 25 05:17:15 2018
 QLast Update : Tue Sep 25 05:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1361255	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2986762	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3158723	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2372205	9.96	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.09	85	13634	0.108	ppbv	94
3) Chlorodifluoromethane	3.03	51	457023	4.037	ppbv	97
4) Chloromethane	3.19	50	5594	0.085	ppbv	90
7) Chloroethane	3.18	64	1162	0.049	ppbv #	81
9) Propene	3.41	41	5553	0.113	ppbv	84
11) Trichlorofluoromethane	4.03	101	65866	0.440	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.57	101	6706	0.055	ppbv #	65
13) Ethanol	3.67	45	9652	0.654	ppbv #	39
15) Acetone	3.93	43	161571	1.352	ppbv	98
17) tert-Butyl alcohol	4.39	59	2205	0.147	ppbv #	100
19) Isopropyl Alcohol	4.06	45	50914	0.612	ppbv #	97
20) Methylene Chloride	4.43	84	201357	3.480	ppbv	95
23) Vinyl Acetate	5.17	43	46979	0.222	ppbv #	90
25) Ethyl Acetate	5.80	43	28379	0.098	ppbv #	89
26) Hexane	5.80	57	44724	0.341	ppbv #	53
27) Carbon Disulfide	4.65	76	5035	0.036	ppbv #	1
29) Chloroform	5.87	83	307361	1.530	ppbv	95
32) 1,1,1-Trichloroethane	6.64	97	7203	0.034	ppbv #	25
34) 2-Butanone	5.37	43	34823	0.196	ppbv	99
35) Carbon Tetrachloride	7.16	117	7201	0.035	ppbv #	83
39) 1,2-Dichloropropane	7.32	63	802108	7.374	ppbv #	25
53) Toluene	9.98	91	422009	1.435	ppbv	98
59) m/p-Xylene	13.18	91	160104	0.470	ppbv #	31
60) o-Xylene	13.88	91	1240030	3.736	ppbv	100
61) Styrene	13.72	104	17262	0.080	ppbv #	57
62) Isopropylbenzene	14.86	105	20110	0.043	ppbv #	51
64) n-propylbenzene	15.96	120	1005089	8.335	ppbv #	1
65) tert-Butylbenzene	16.96	119	245873	0.611	ppbv #	66
66) Benzyl Chloride	17.40	91	16396	0.071	ppbv #	68
67) sec-Butylbenzene	17.49	105	51861	0.087	ppbv #	76
69) p-Isopropyltoluene	17.73	119	466114	1.009	ppbv	97
70) n-Butylbenzene	18.71	91	71571	0.142	ppbv #	33
72) 4-Ethyltoluene	16.04	105	1381244	3.834	ppbv	99
73) 1,3,5-Trimethylbenzene	16.19	105	3623840	10.351	ppbv	96
74) 1,2,4-Trimethylbenzene	16.96	105	2244446	5.954	ppbv #	69
79) Naphthalene	22.45	128	28471	0.105	ppbv #	82
80) Naphthalene,2-methyl-	25.45	142	3193	0.050	ppbv	93

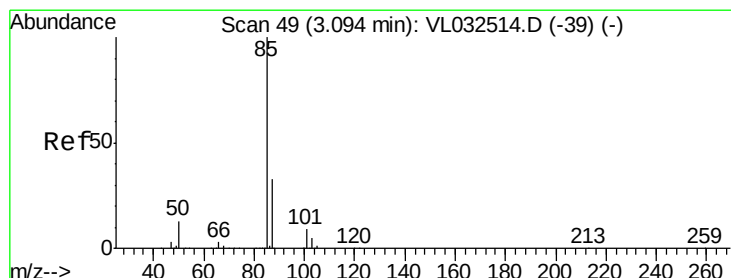
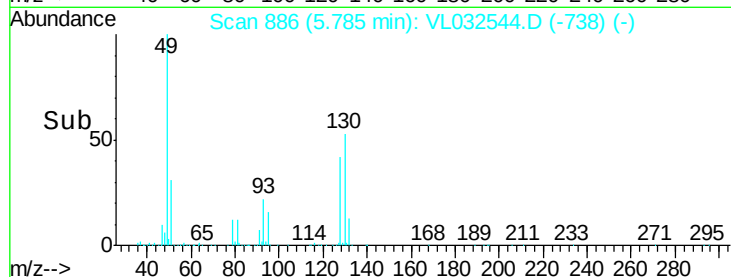
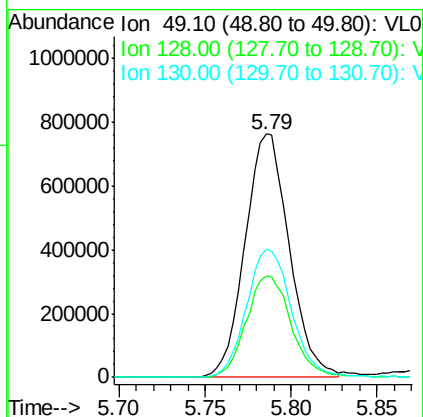
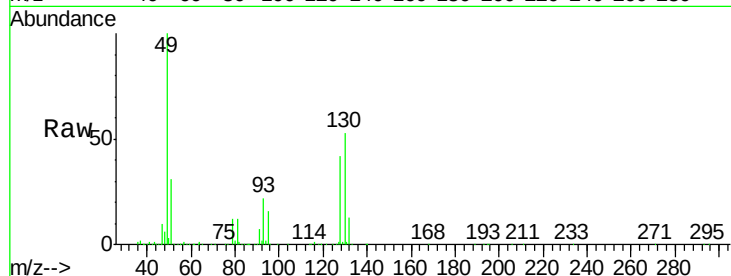
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.79 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

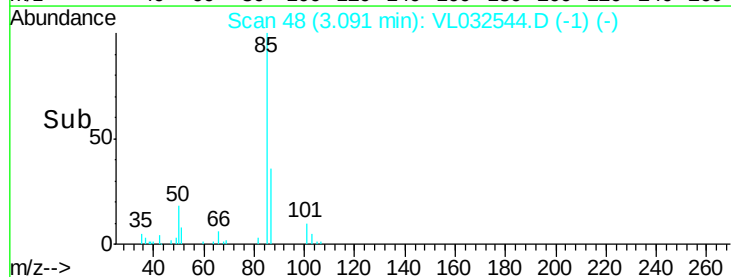
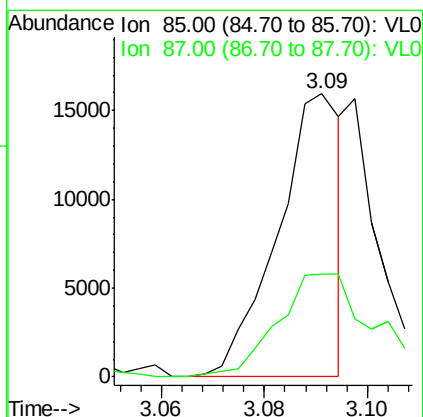
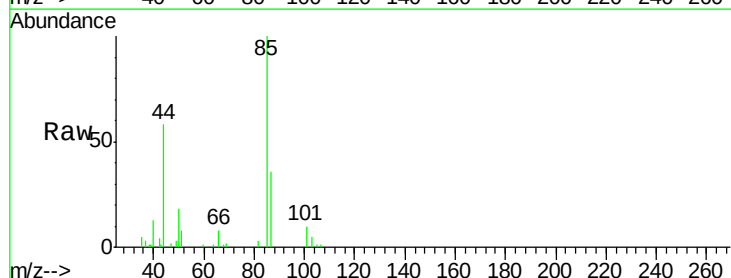
Instrument :
 MSVOA_L
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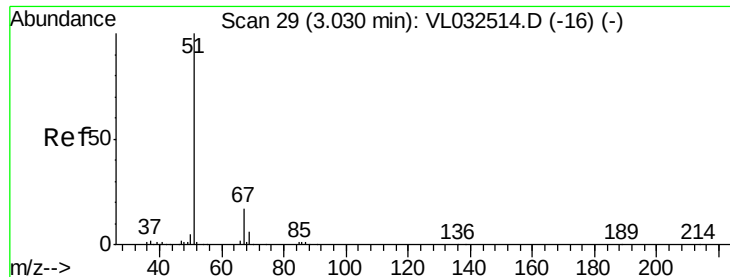
Tgt Ion: 49 Resp: 1361255
 Ion Ratio Lower Upper
 49 100
 128 42.9 20.7 62.1
 130 54.5 26.6 79.7



#2
 Dichlorodifluoromethane
 Concen: 0.108 ppbv
 RT: 3.09 min Scan# 48
 Delta R.T. -0.02 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

Tgt Ion: 85 Resp: 13634
 Ion Ratio Lower Upper
 85 100
 87 36.2 26.2 39.4

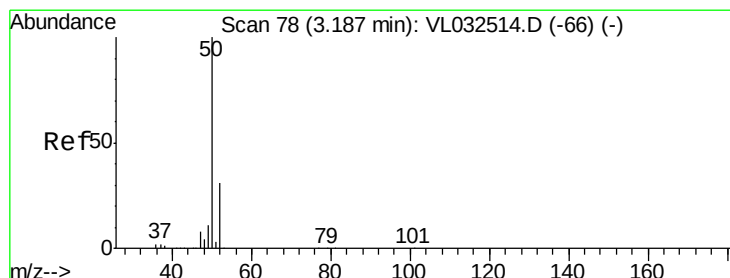
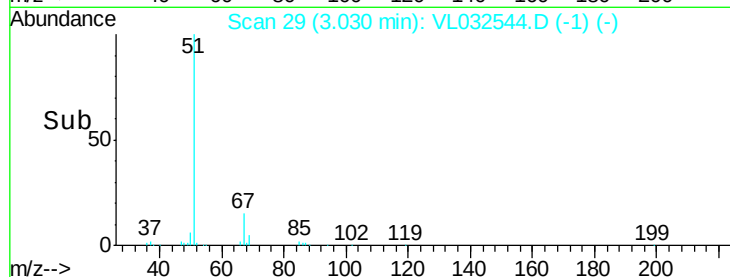
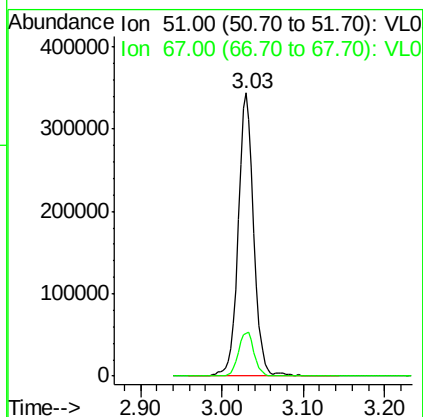
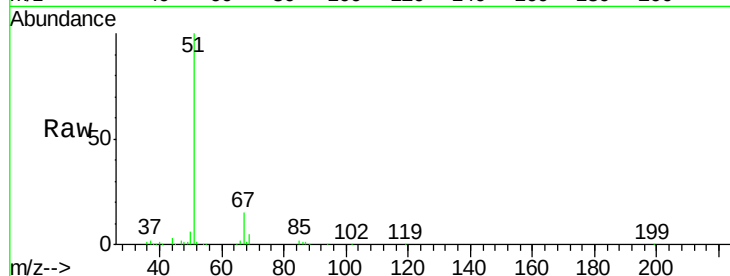




#3
 Chlorodifluoromethane
 Concen: 4.037 ppbv
 RT: 3.03 min Scan# 29
 Delta R.T. -0.01 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

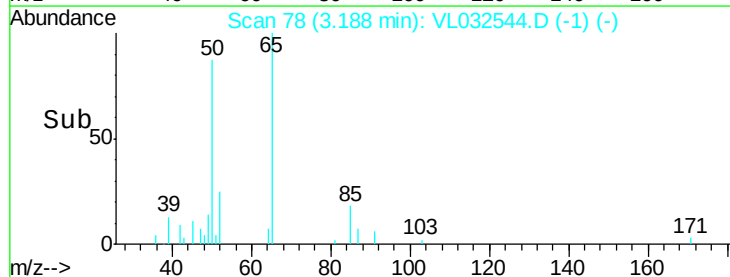
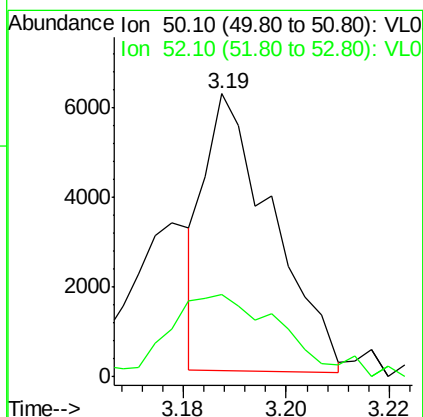
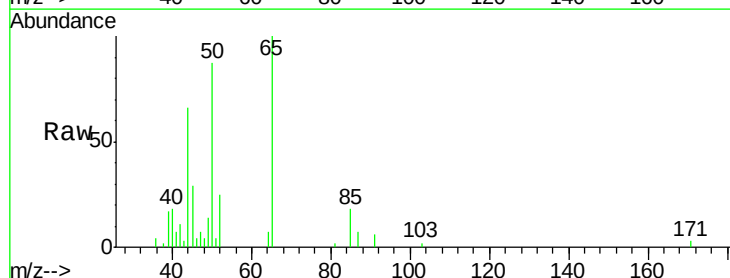
Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENT

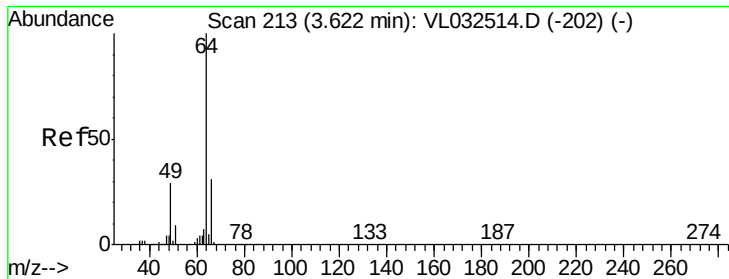
Tgt Ion: 51 Resp: 457023
 Ion Ratio Lower Upper
 51 100
 67 15.9 13.8 20.8



#4
 Chloromethane
 Concen: 0.085 ppbv
 RT: 3.19 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

Tgt Ion: 50 Resp: 5594
 Ion Ratio Lower Upper
 50 100
 52 26.3 25.6 38.4





#7

Chloroethane

Concen: 0.049 ppbv

RT: 3.18 min Scan# 76

Delta R.T. -0.46 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_L

ClientSampleId :

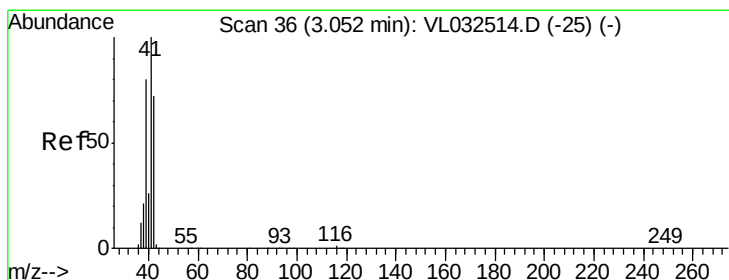
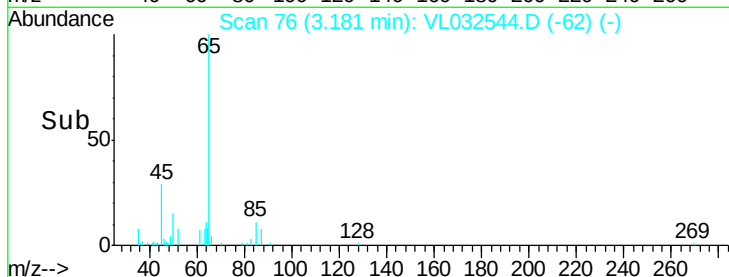
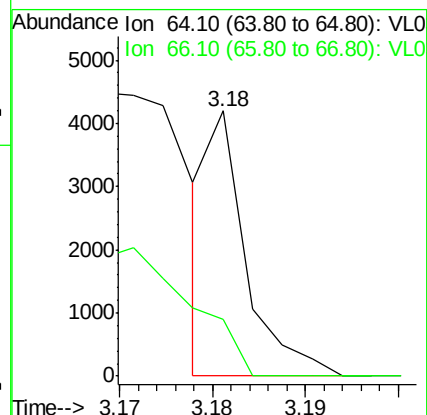
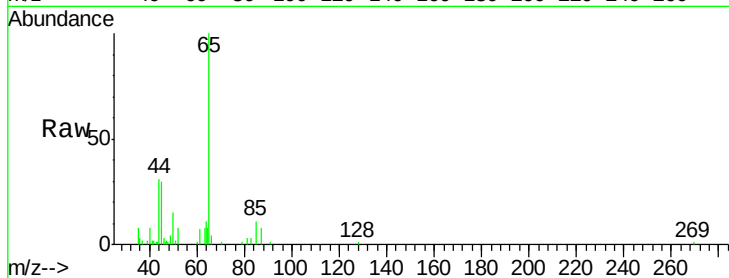
SVE-EFFLUENT

Tgt Ion: 64 Resp: 1162

Ion Ratio Lower Upper

64 100

66 21.4 25.8 38.6#



#9

Propene

Concen: 0.113 ppbv

RT: 3.41 min Scan# 146

Delta R.T. 0.34 min

Lab File: VL032544.D

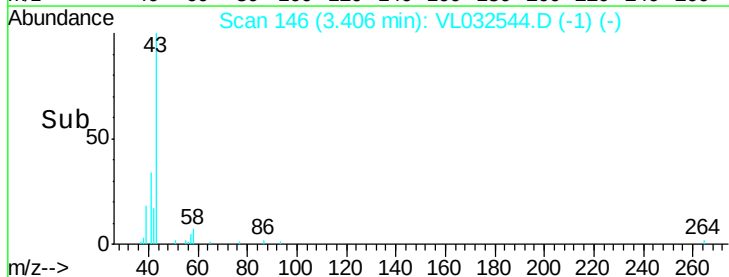
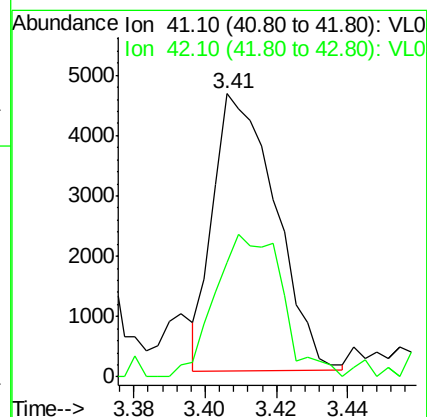
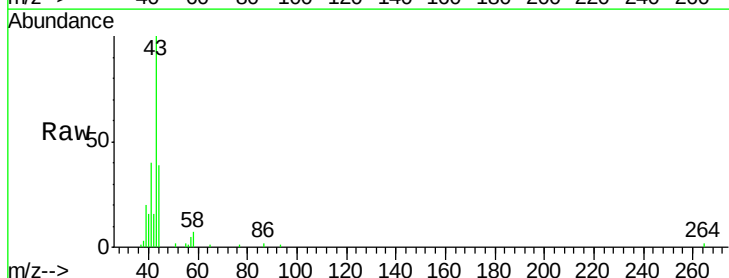
Acq: 25 Sep 2018 14:15

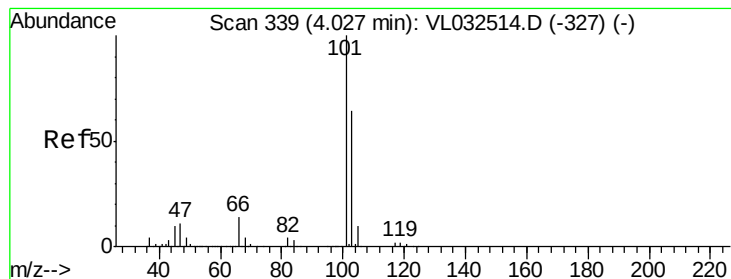
Tgt Ion: 41 Resp: 5553

Ion Ratio Lower Upper

41 100

42 57.3 56.6 84.8





#11

Trichlorofluoromethane

Concen: 0.440 ppbv

RT: 4.03 min Scan# 339

Delta R.T. -0.01 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_L

ClientSampleId :

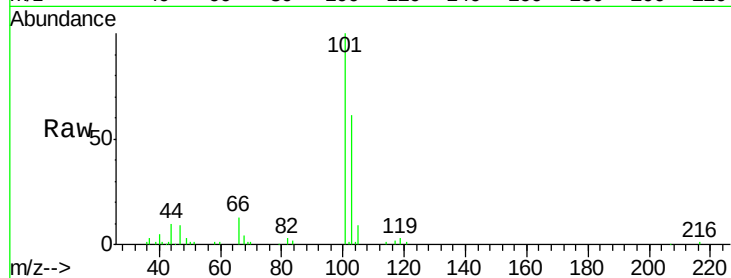
SVE-EFFLUENT

Tgt Ion:101 Resp: 65866

Ion Ratio Lower Upper

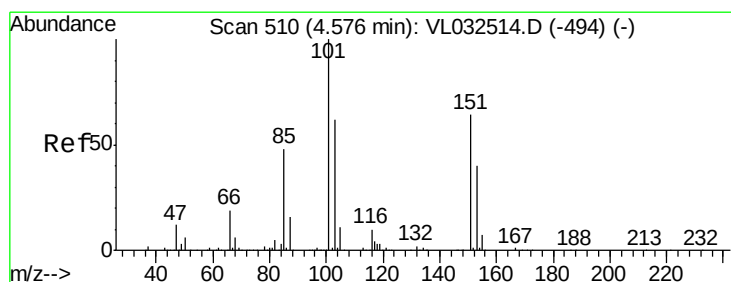
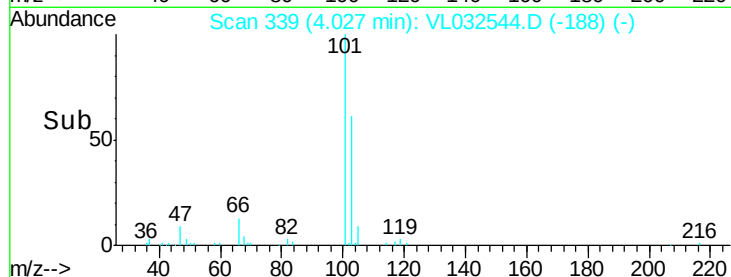
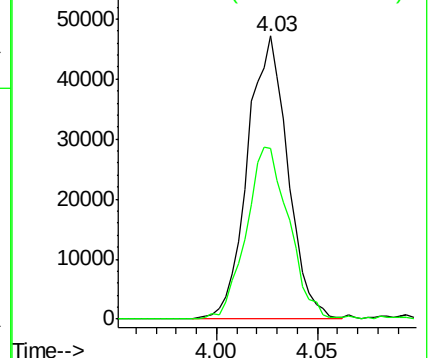
101 100

103 60.5 52.8 79.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.055 ppbv

RT: 4.57 min Scan# 508

Delta R.T. -0.02 min

Lab File: VL032544.D

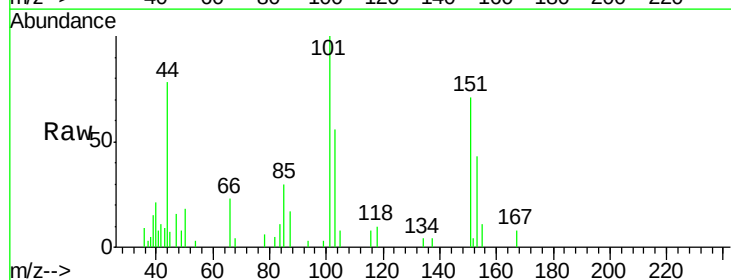
Acq: 25 Sep 2018 14:15

Tgt Ion:101 Resp: 6706

Ion Ratio Lower Upper

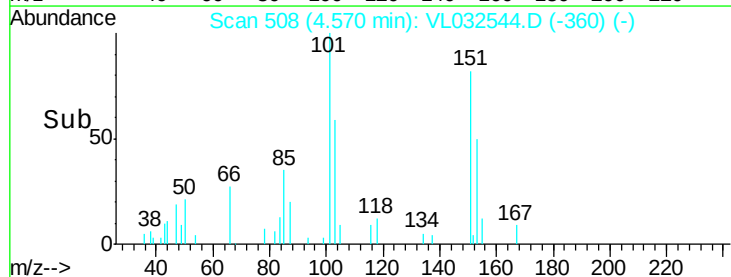
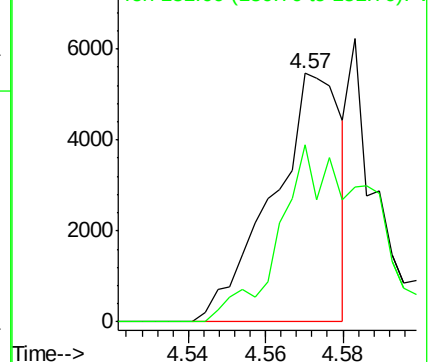
101 100

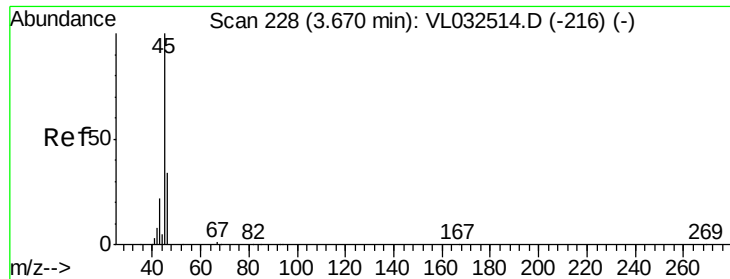
151 93.6 52.6 78.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 0.654 ppbv

RT: 3.67 min Scan# 228

Delta R.T. -0.01 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_L

ClientSampleId :

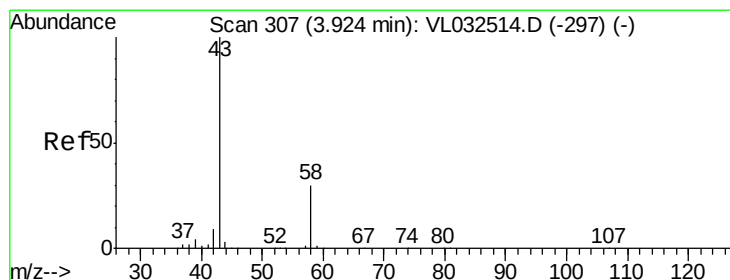
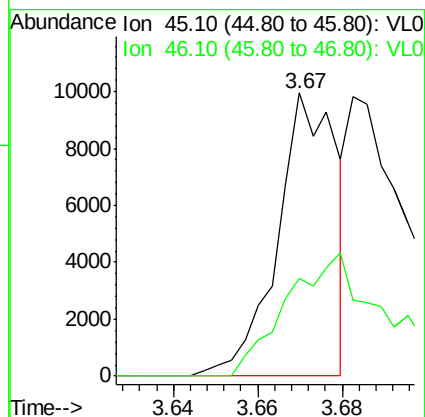
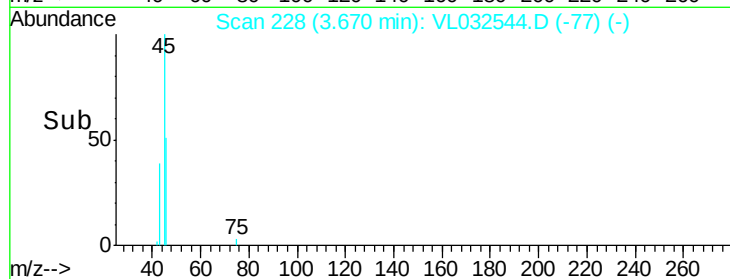
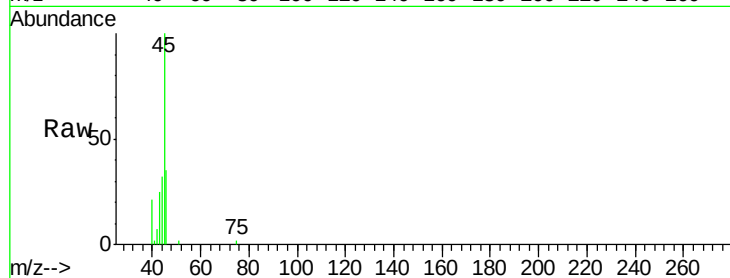
SVE-EFFLUENT

Tgt Ion: 45 Resp: 9652

Ion Ratio Lower Upper

45 100

46 0.0 14.2 56.8#



#15

Acetone

Concen: 1.352 ppbv

RT: 3.93 min Scan# 308

Delta R.T. -0.01 min

Lab File: VL032544.D

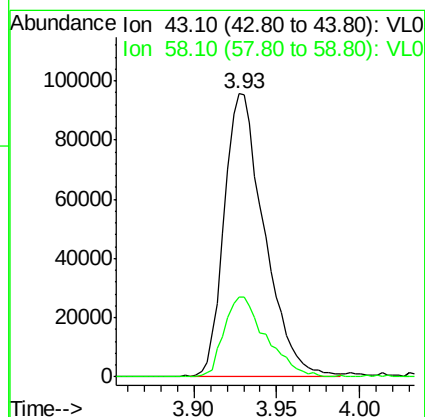
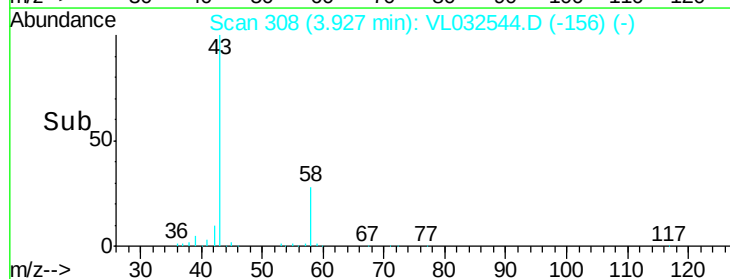
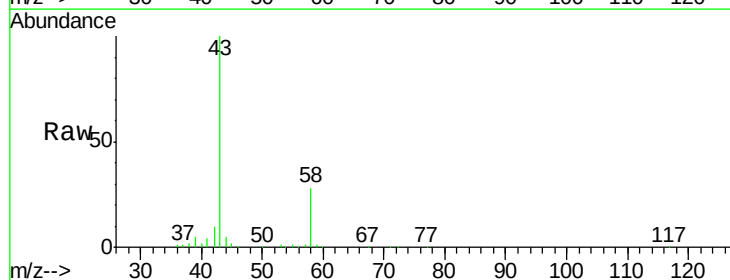
Acq: 25 Sep 2018 14:15

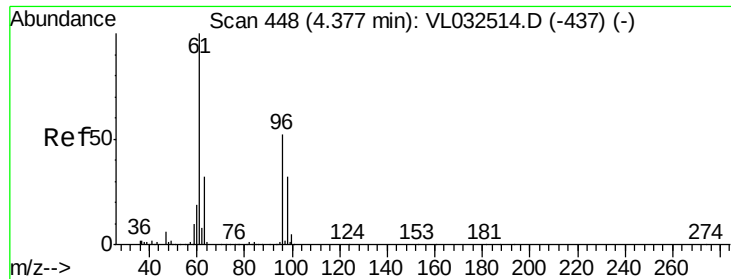
Tgt Ion: 43 Resp: 161571

Ion Ratio Lower Upper

43 100

58 29.4 22.6 33.8

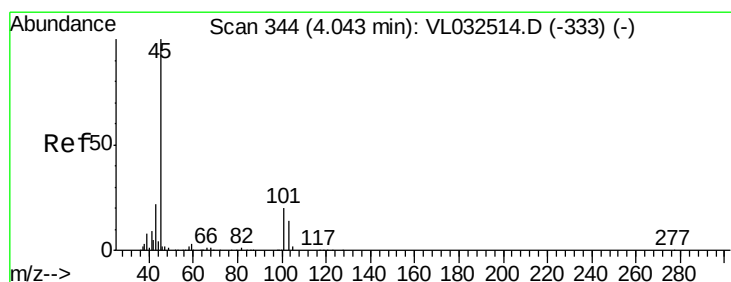
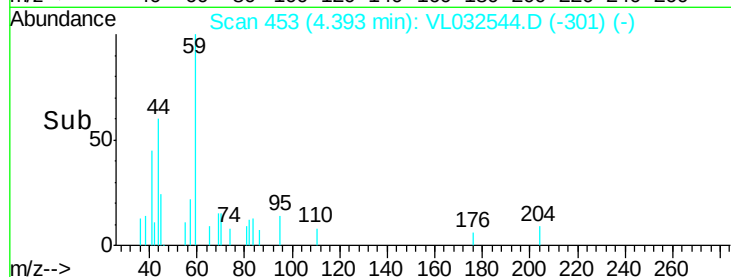
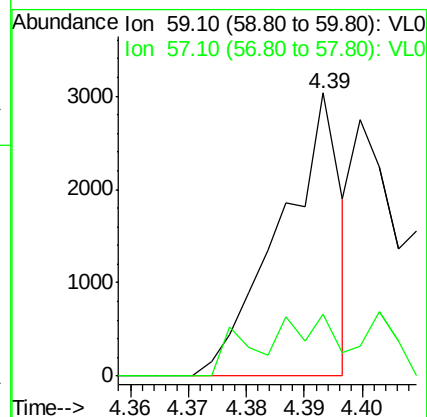
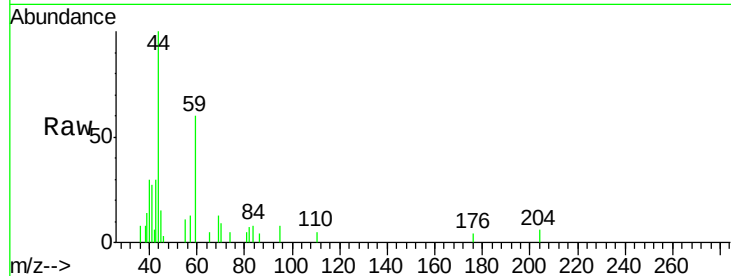




#17
 tert-Butyl alcohol
 Concen: 0.147 ppbv
 RT: 4.39 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

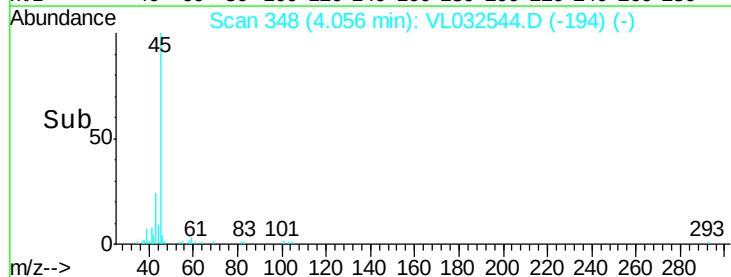
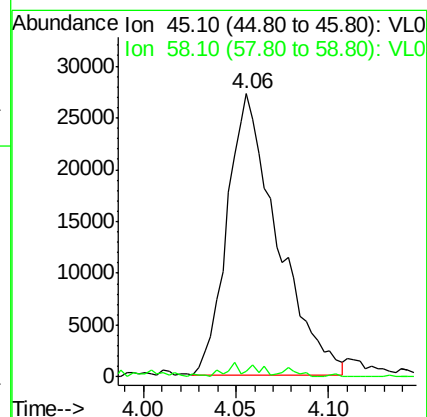
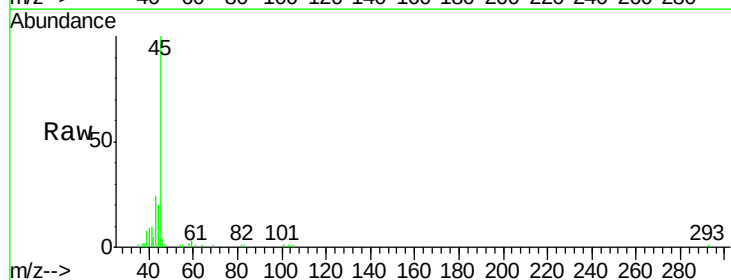
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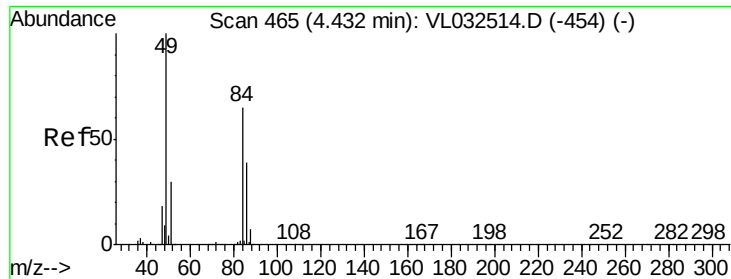
Tgt Ion: 59 Resp: 2205
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0



#19
 Isopropyl Alcohol
 Concen: 0.612 ppbv
 RT: 4.06 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

Tgt Ion: 45 Resp: 50914
 Ion Ratio Lower Upper
 45 100
 58 3.7 2.0 3.0#

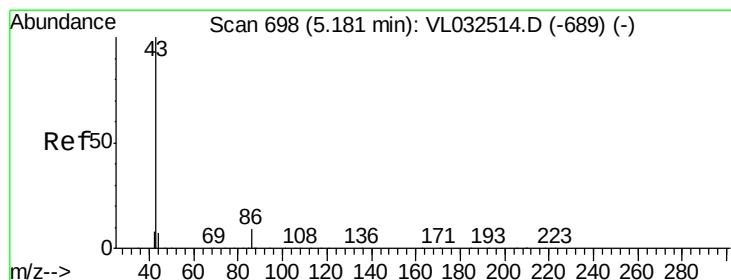
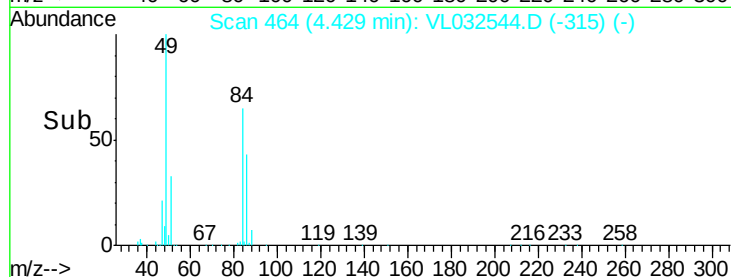
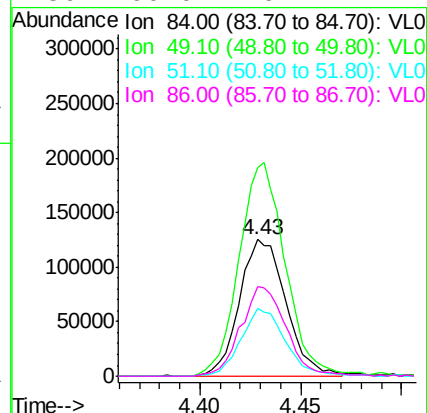
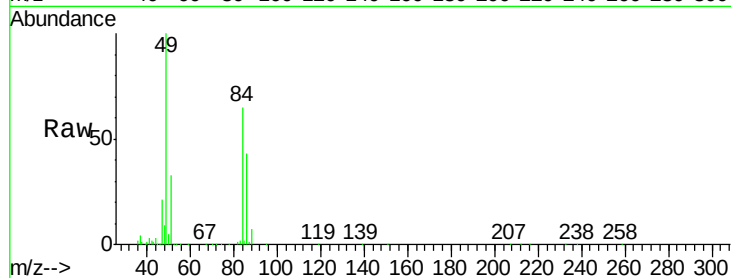




#20
Methylene Chloride
Concen: 3.480 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

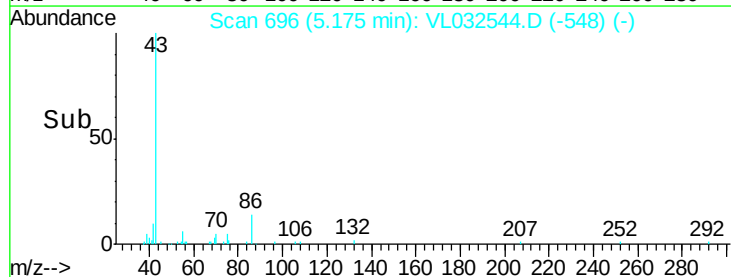
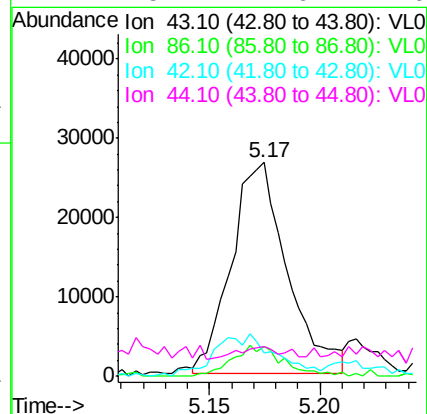
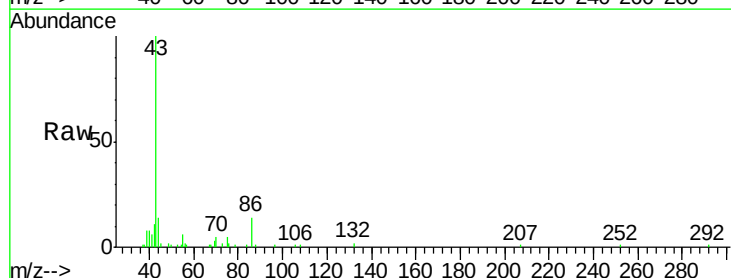
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MSVOA_L
ClientSampleId :
SVE-EFFLUENT

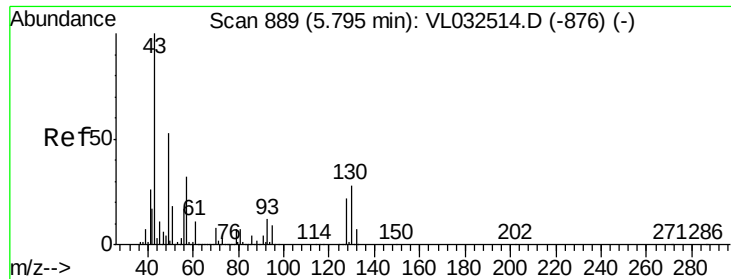
Tgt Ion:	84	Resp:	201357
Ion	Ratio	Lower	Upper
84	100		
49	153.0	119.1	178.7
51	49.7	35.2	52.8
86	66.0	49.4	74.2



#23
Vinyl Acetate
Concen: 0.222 ppbv
RT: 5.17 min Scan# 696
Delta R.T. -0.02 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

Tgt Ion:	43	Resp:	46979
Ion	Ratio	Lower	Upper
43	100		
86	14.6	5.9	8.9#
42	8.0	6.9	10.3
44	3.4	4.6	7.0#

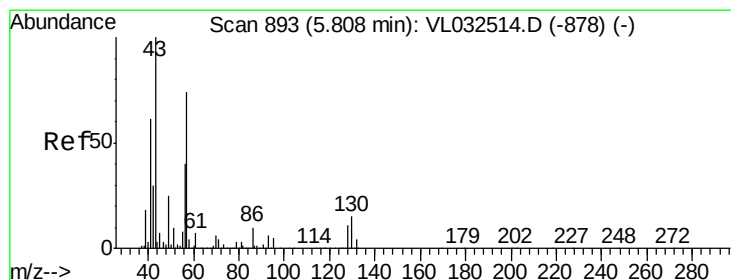
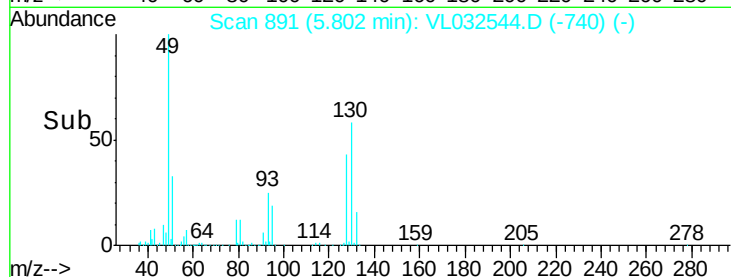
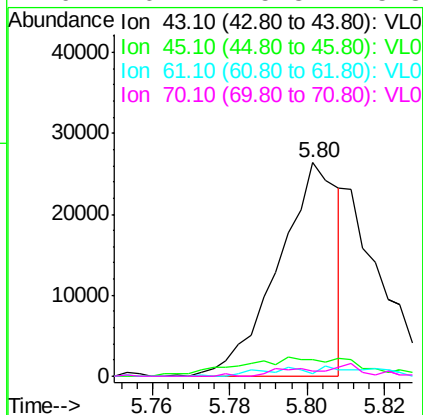
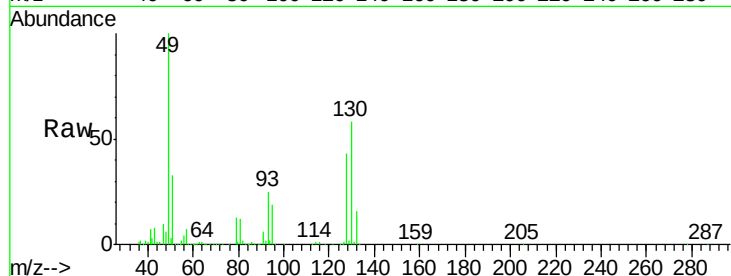




#25
Ethyl Acetate
Concen: 0.098 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

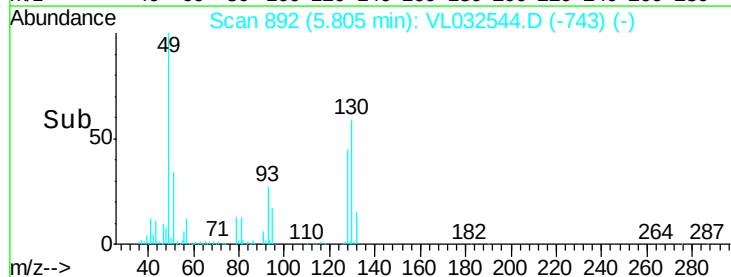
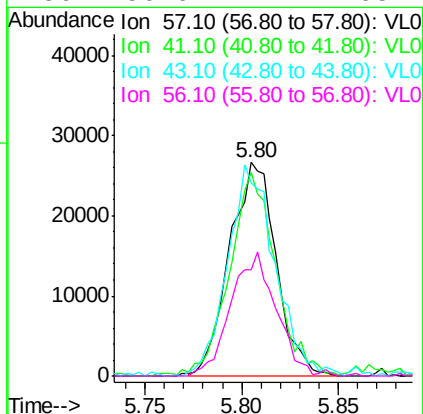
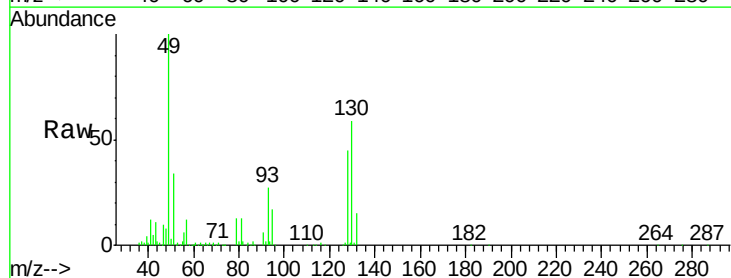
Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENT

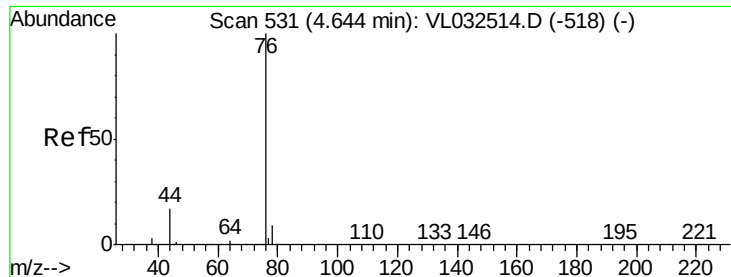
Tgt Ion:	43	Resp:	28379
Ion	Ratio	Lower	Upper
43	100		
45	18.7	8.0	12.0#
61	8.2	7.6	11.4
70	6.4	5.8	8.8



#26
Hexane
Concen: 0.341 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

Tgt Ion:	57	Resp:	44724
Ion	Ratio	Lower	Upper
57	100		
41	95.4	69.0	103.4
43	101.8	172.1	258.1#
56	56.6	42.2	63.2





#27

Carbon Disulfide

Concen: 0.036 ppbv

RT: 4.65 min Scan# 532

Delta R.T. -0.01 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_L

ClientSampleId :

SVE-EFFLUENT

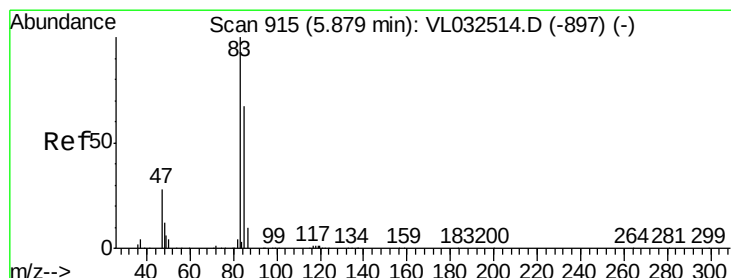
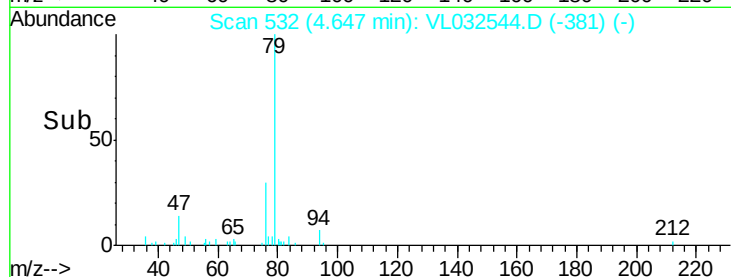
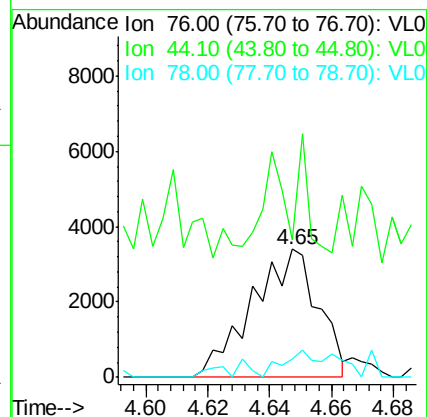
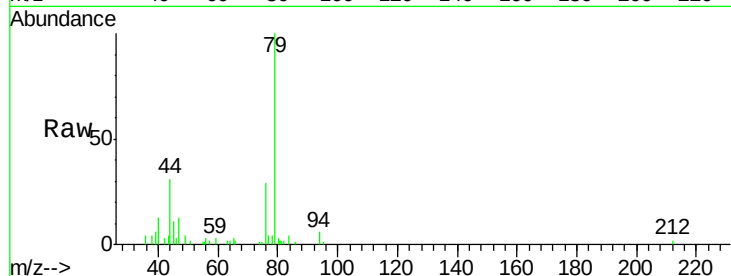
Tgt Ion: 76 Resp: 5035

Ion Ratio Lower Upper

76 100

44 97.9 14.0 21.0#

78 0.0 7.5 11.3#



#29

Chloroform

Concen: 1.530 ppbv

RT: 5.87 min Scan# 913

Delta R.T. -0.02 min

Lab File: VL032544.D

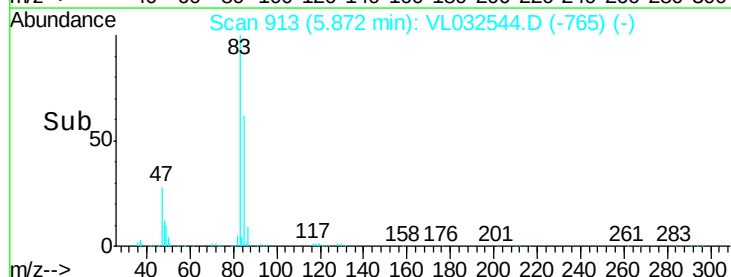
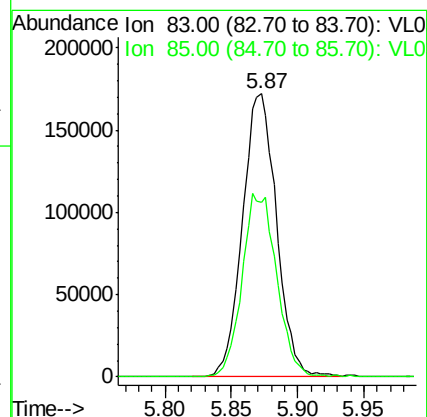
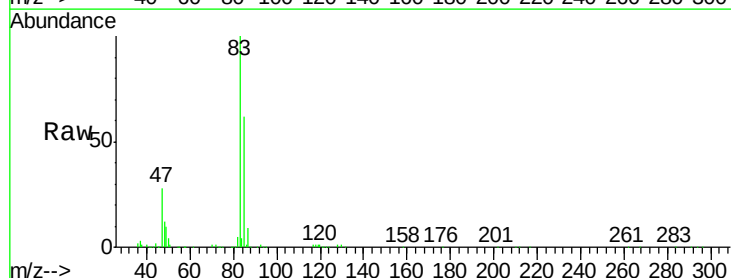
Acq: 25 Sep 2018 14:15

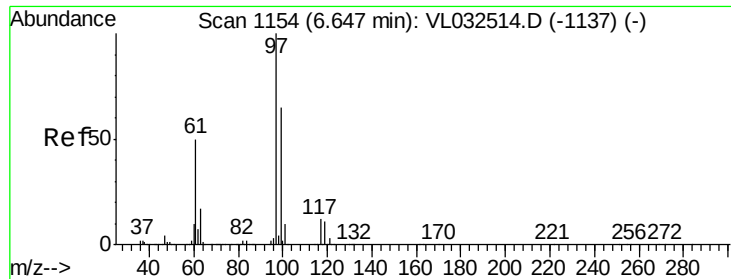
Tgt Ion: 83 Resp: 307361

Ion Ratio Lower Upper

83 100

85 61.5 52.5 78.7





#32

1,1,1-Trichloroethane

Concen: 0.034 ppbv

RT: 6.64 min Scan# 1153

Delta R.T. -0.03 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_L

ClientSampleId :

SVE-EFFLUENT

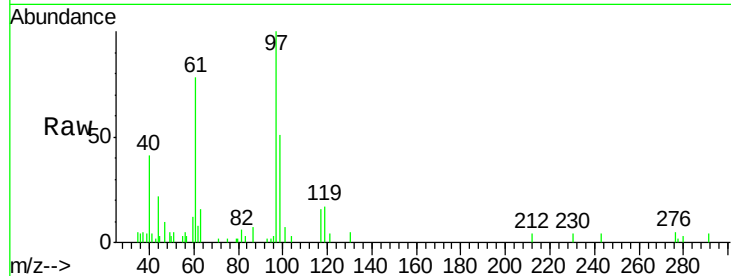
Tgt Ion: 97 Resp: 7203

Ion Ratio Lower Upper

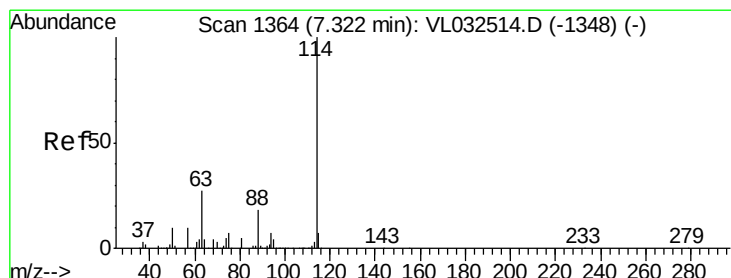
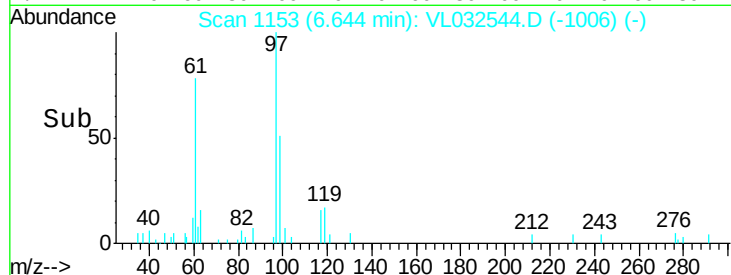
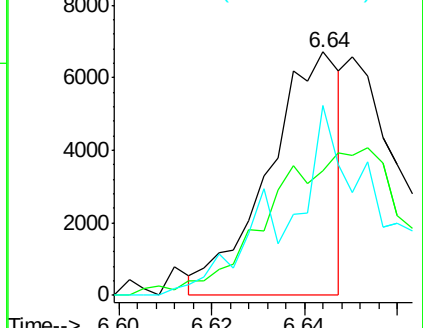
97 100

99 0.0 52.1 78.1#

61 99.1 42.5 63.7#



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.32 min Scan# 1363

Delta R.T. -0.03 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

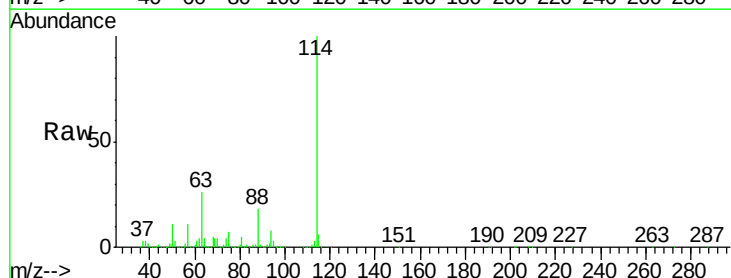
Tgt Ion: 114 Resp: 2986762

Ion Ratio Lower Upper

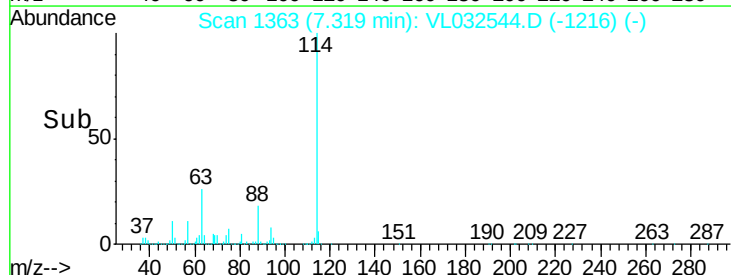
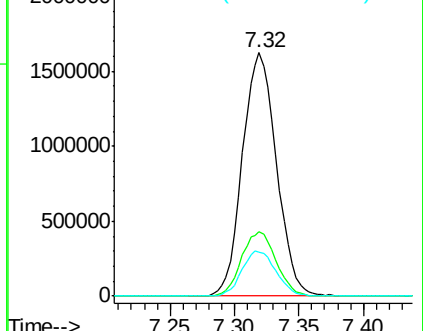
114 100

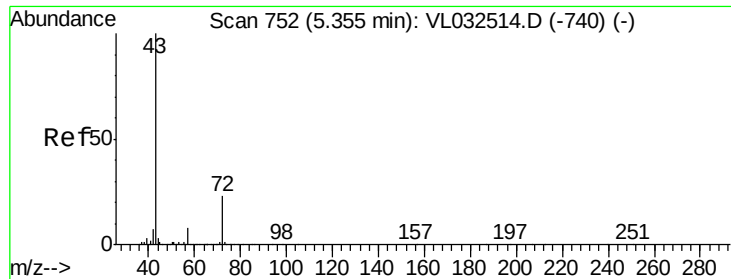
63 27.0 22.2 33.4

88 18.8 15.0 22.4



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

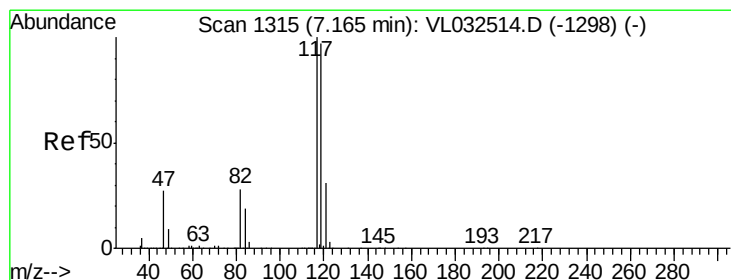
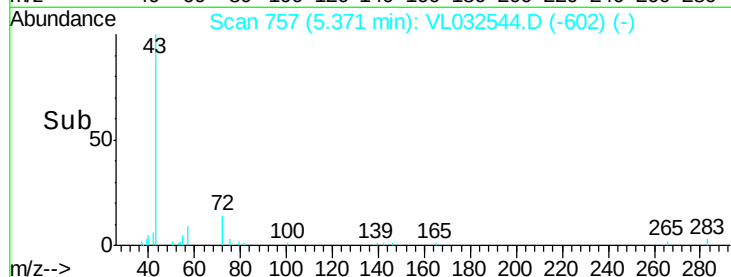
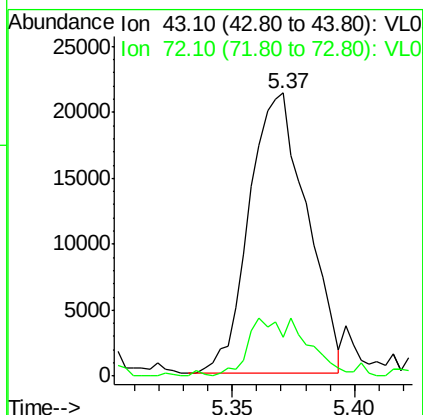
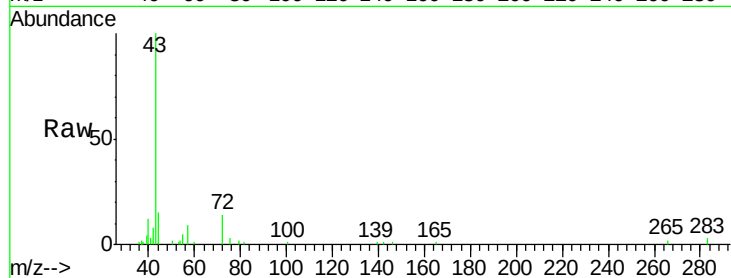




#34
2-Butanone
Concen: 0.196 ppbv
RT: 5.37 min Scan# 757
Delta R.T. -0.00 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

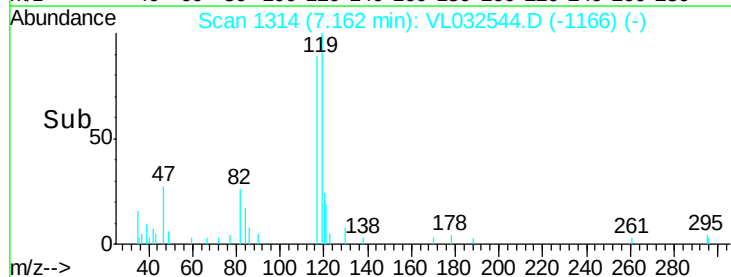
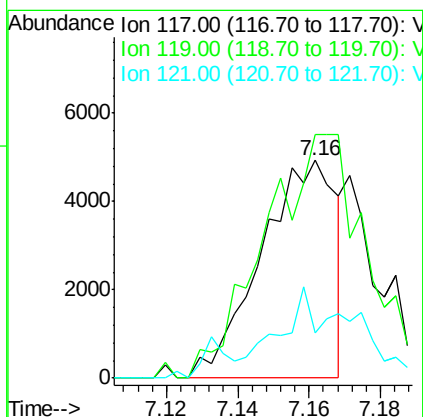
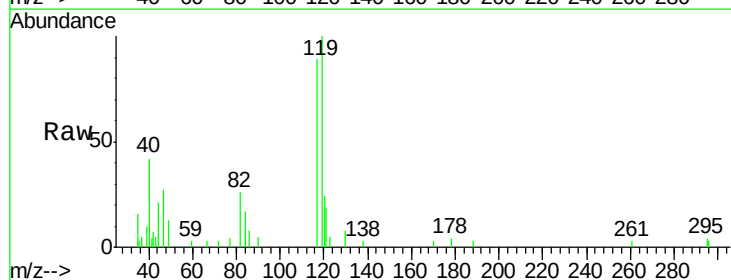
Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENT

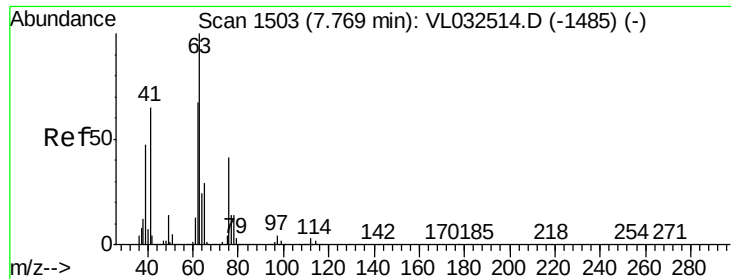
Tgt Ion: 43 Resp: 34823
Ion Ratio Lower Upper
43 100
72 22.8 17.8 26.6



#35
Carbon Tetrachloride
Concen: 0.035 ppbv
RT: 7.16 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

Tgt Ion: 117 Resp: 7201
Ion Ratio Lower Upper
117 100
119 111.8 76.6 115.0
121 21.0 24.6 36.8#

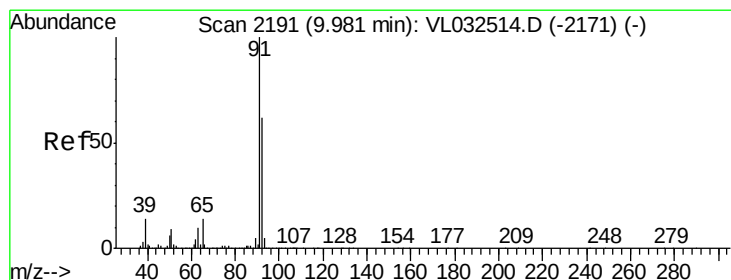
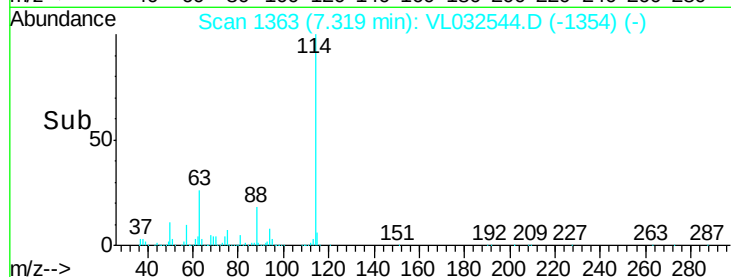
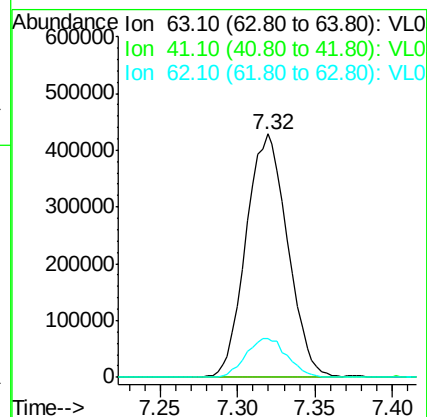
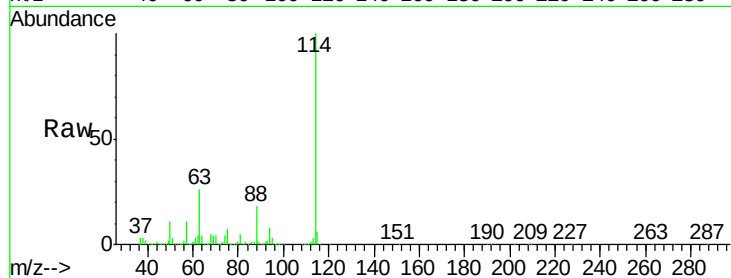




#39
 1,2-Dichloropropane
 Concen: 7.374 ppbv
 RT: 7.32 min Scan# 1363
 Delta R.T. -0.47 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

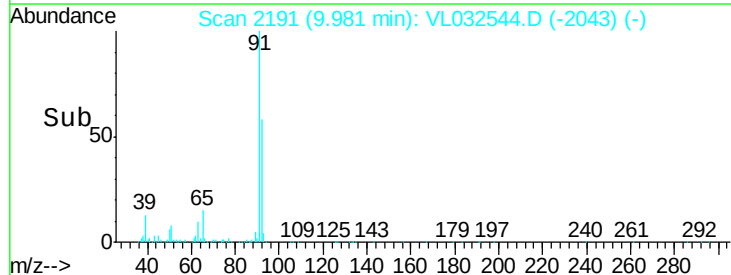
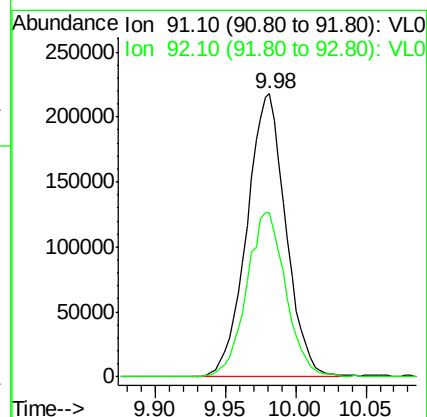
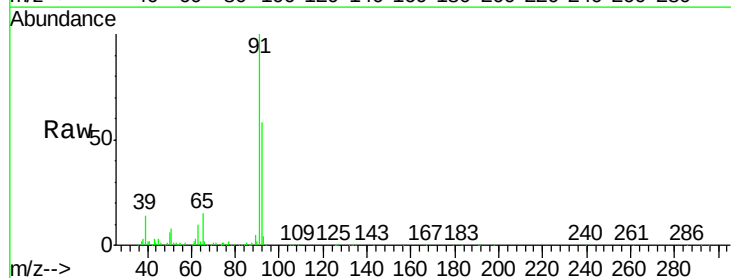
Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENT

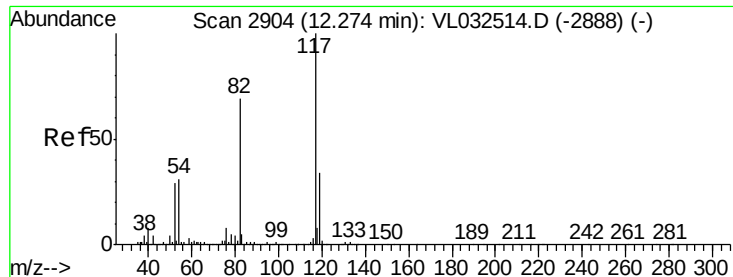
Tgt Ion: 63 Resp: 802108
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.4 83.0#
 62 16.1 55.4 83.0#



#53
 Toluene
 Concen: 1.435 ppbv
 RT: 9.98 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

Tgt Ion: 91 Resp: 422009
 Ion Ratio Lower Upper
 91 100
 92 58.7 48.1 72.1

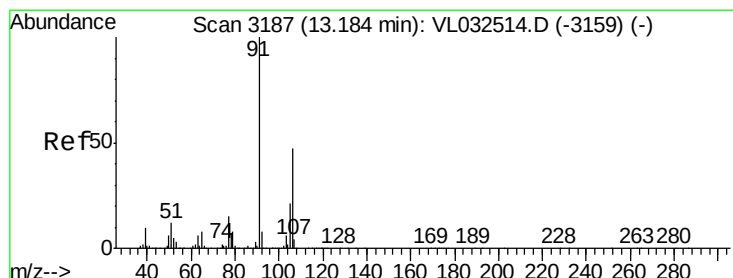
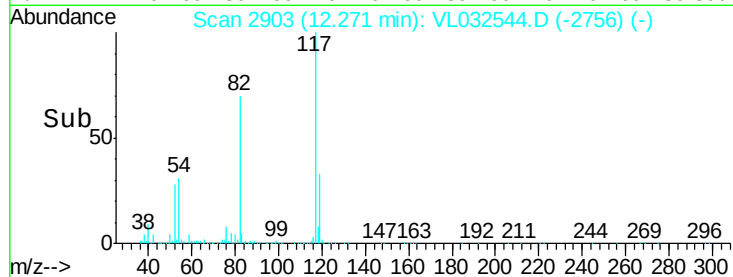
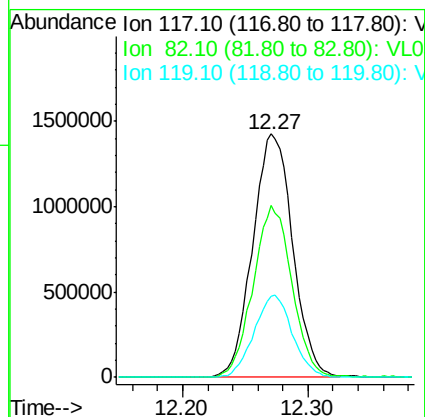
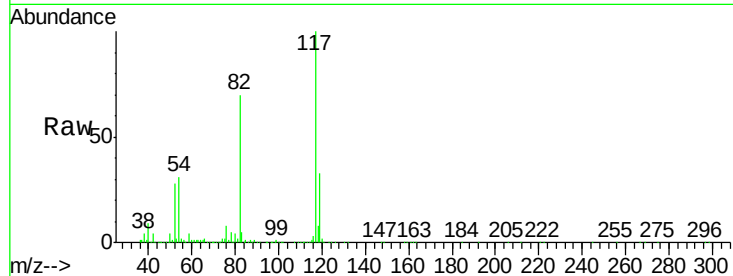




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

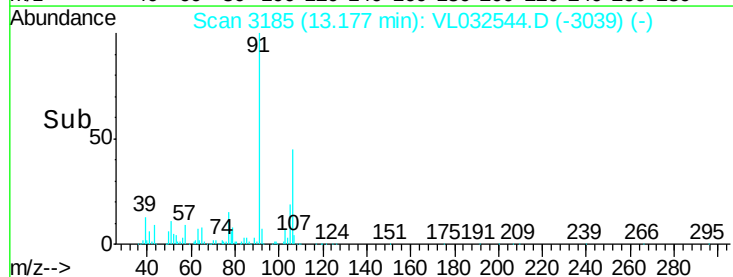
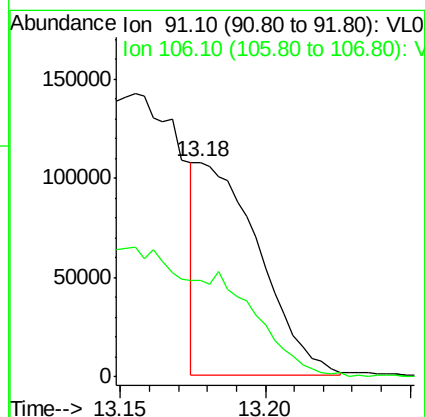
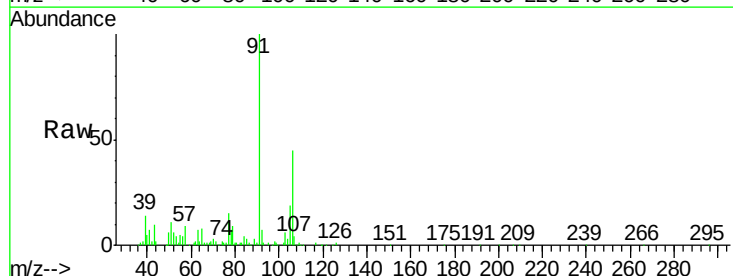
Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENT

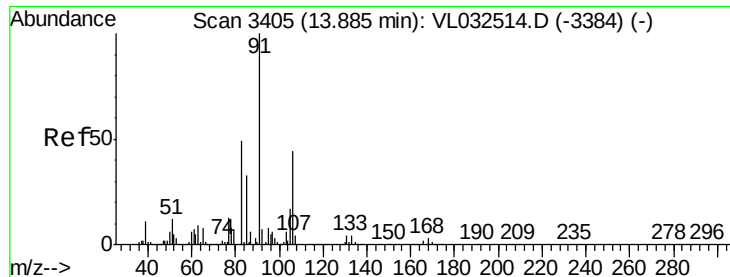
Tgt Ion:117 Resp: 3158723
Ion Ratio Lower Upper
117 100
82 68.5 53.0 79.6
119 32.7 45.9 68.9#



#59
m/p-Xylene
Concen: 0.470 ppbv
RT: 13.18 min Scan# 3185
Delta R.T. -0.03 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

Tgt Ion: 91 Resp: 160104
Ion Ratio Lower Upper
91 100
106 0.0 36.6 55.0#

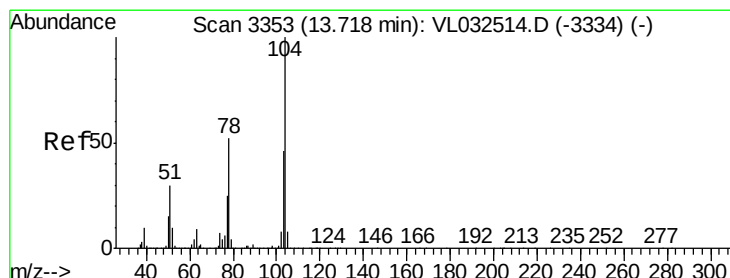
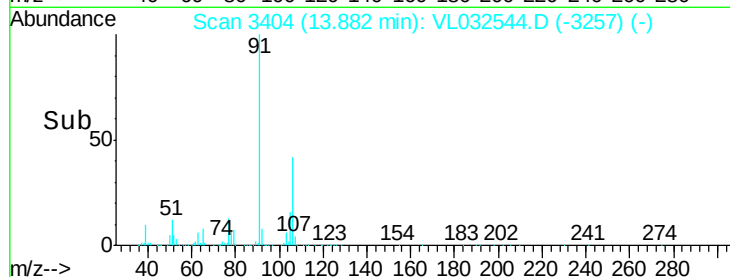
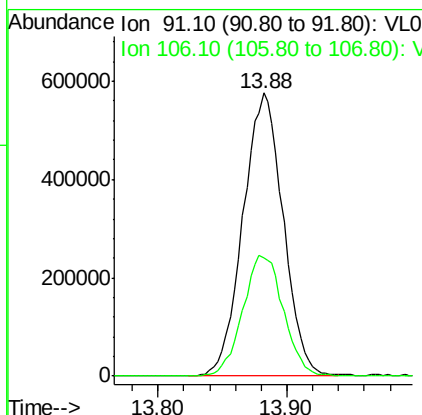
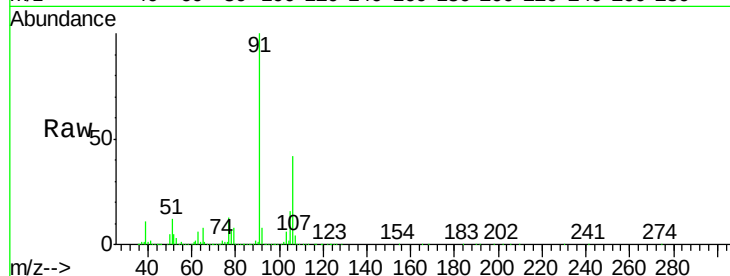




#60
o-Xylene
Concen: 3.736 ppbv
RT: 13.88 min Scan# 3404
Delta R.T. -0.03 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

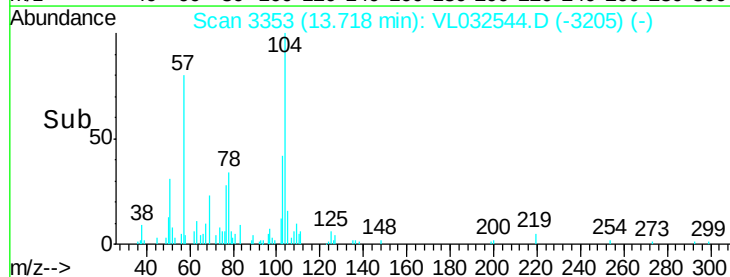
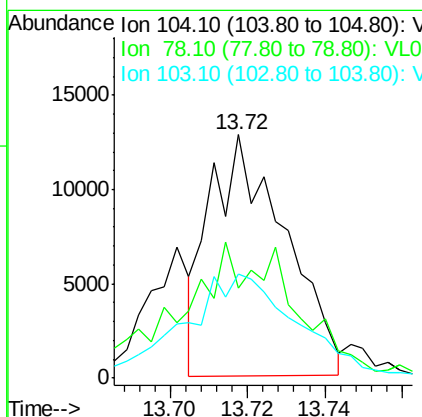
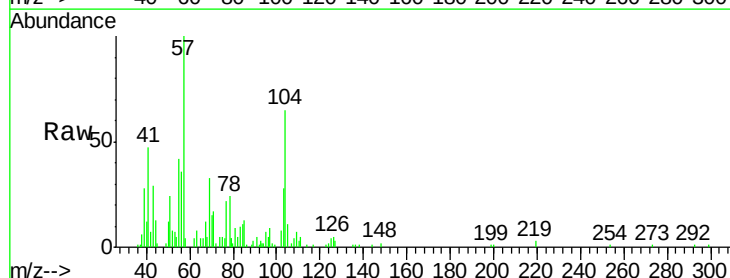
Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENT

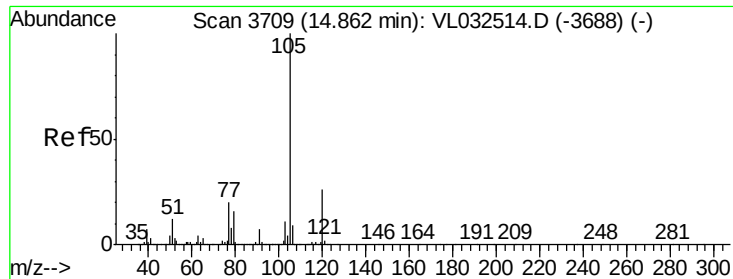
Tgt Ion: 91 Resp: 1240030
Ion Ratio Lower Upper
91 100
106 43.5 21.9 65.7



#61
Styrene
Concen: 0.080 ppbv
RT: 13.72 min Scan# 3353
Delta R.T. -0.02 min
Lab File: VL032544.D
Acq: 25 Sep 2018 14:15

Tgt Ion: 104 Resp: 17262
Ion Ratio Lower Upper
104 100
78 88.2 41.8 62.8#
103 70.0 38.0 57.0#





#62

Isopropylbenzene

Concen: 0.043 ppbv

RT: 14.86 min Scan# 3707

Delta R.T. -0.03 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_L

ClientSampleId :

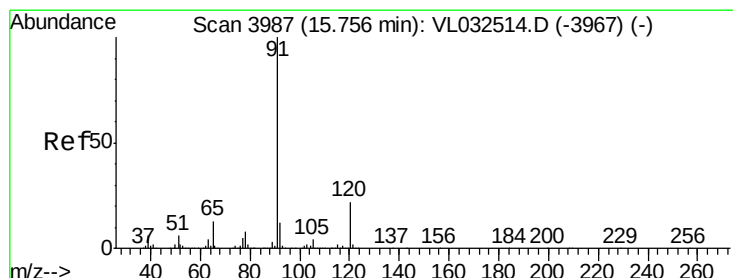
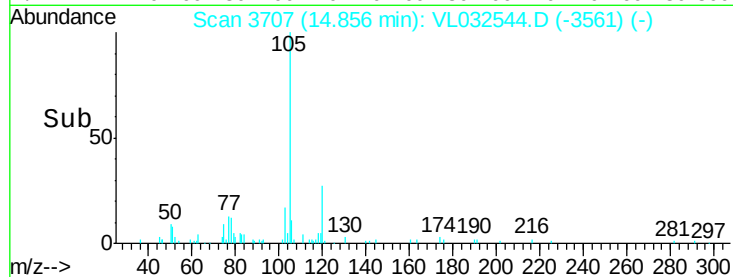
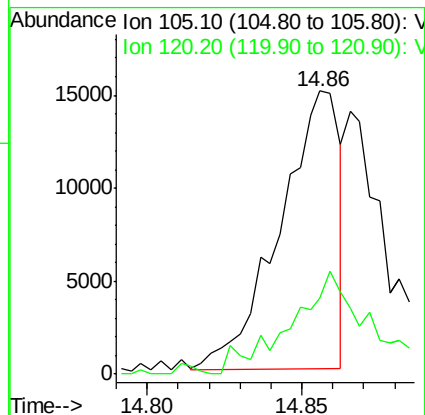
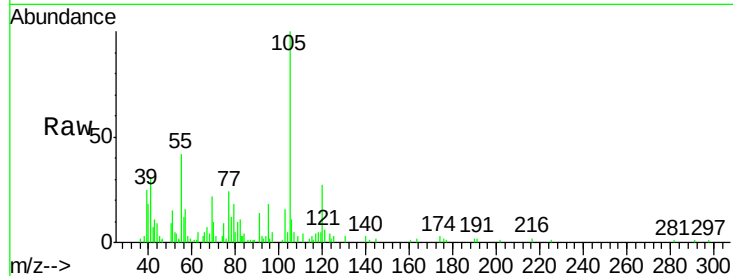
SVE-EFFLUENT

Tgt Ion:105 Resp: 20110

Ion Ratio Lower Upper

105 100

120 50.8 20.6 31.0#



#64

n-propylbenzene

Concen: 8.335 ppbv

RT: 15.96 min Scan# 4051

Delta R.T. 0.18 min

Lab File: VL032544.D

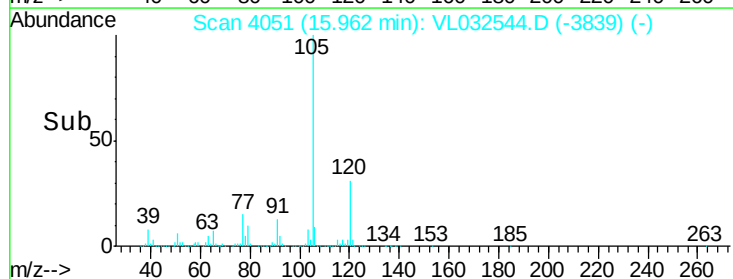
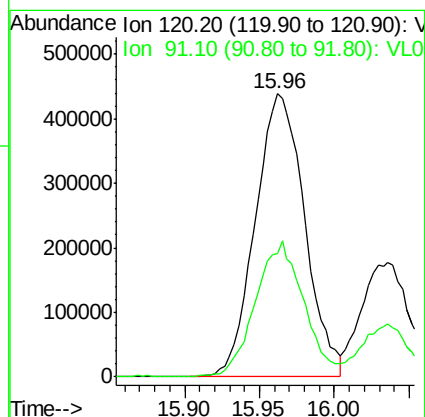
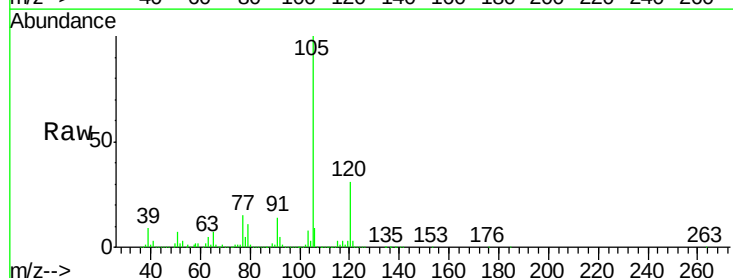
Acq: 25 Sep 2018 14:15

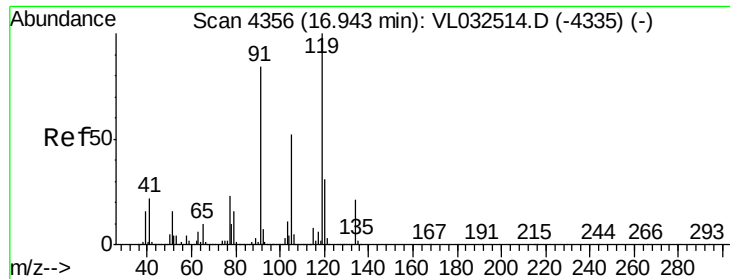
Tgt Ion:120 Resp: 1005089

Ion Ratio Lower Upper

120 100

91 46.8 381.8 572.6#

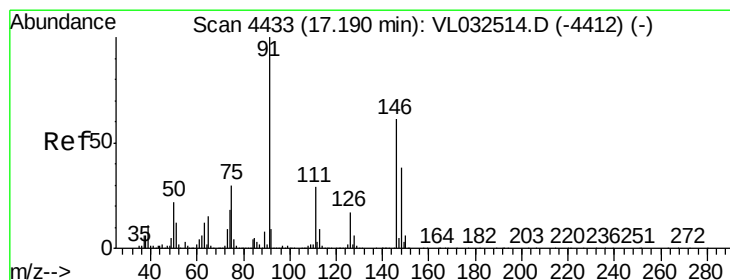
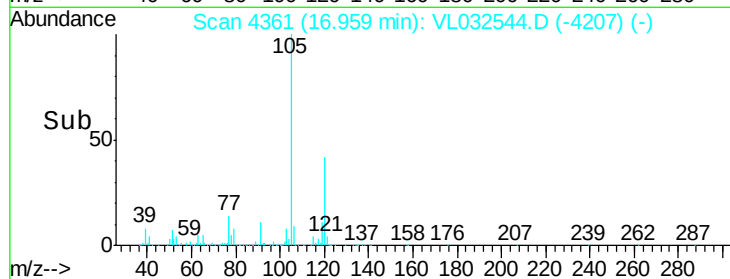
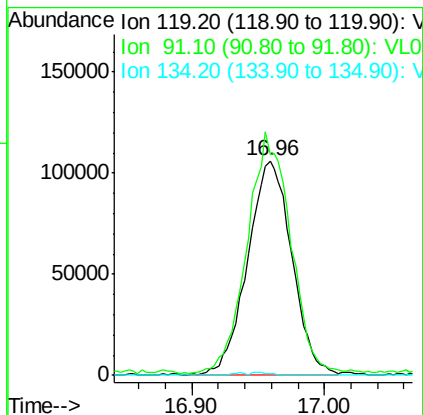
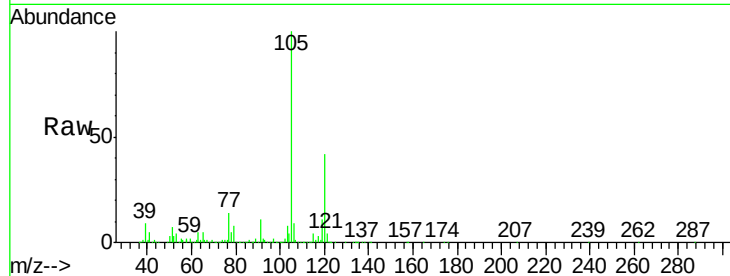




#65
 tert-Butylbenzene
 Concen: 0.611 ppbv
 RT: 16.96 min Scan# 4361
 Delta R.T. -0.01 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

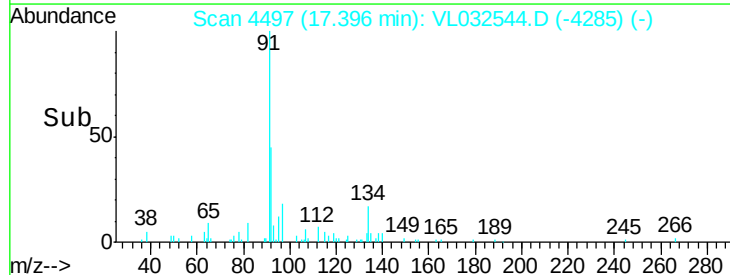
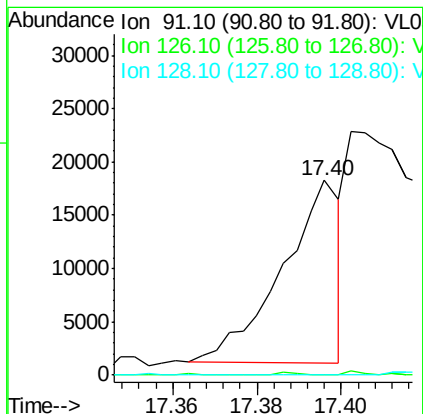
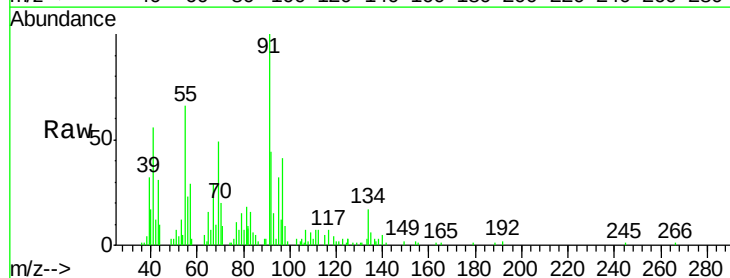
Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENT

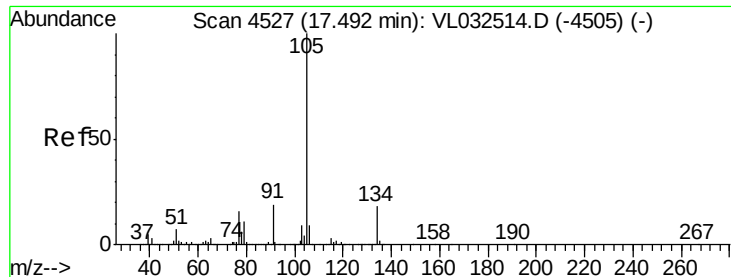
Tgt Ion: 119 Resp: 245873
 Ion Ratio Lower Upper
 119 100
 91 111.6 66.5 99.7#
 134 1.0 16.0 24.0#



#66
 Benzyl Chloride
 Concen: 0.071 ppbv
 RT: 17.40 min Scan# 4497
 Delta R.T. 0.18 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

Tgt Ion: 91 Resp: 16396
 Ion Ratio Lower Upper
 91 100
 126 1.3 13.8 20.8#
 128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.087 ppbv

RT: 17.49 min Scan# 4527

Delta R.T. -0.02 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_L

ClientSampleId :

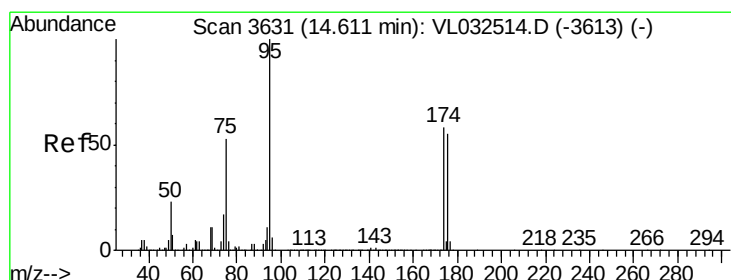
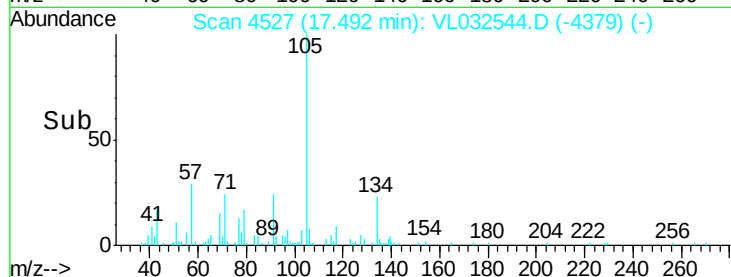
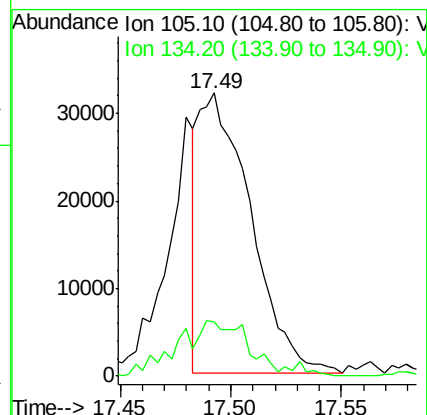
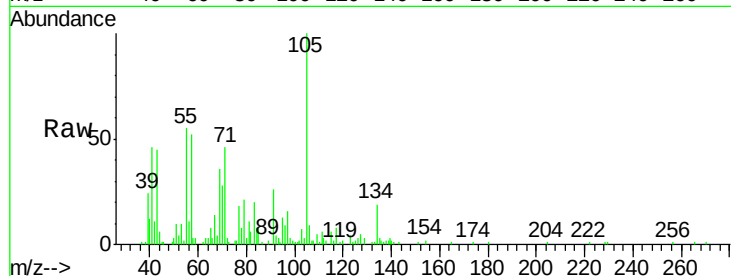
SVE-EFFLUENT

Tgt Ion:105 Resp: 51861

Ion Ratio Lower Upper

105 100

134 28.6 14.4 21.6#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.959 ppbv

RT: 14.61 min Scan# 3630

Delta R.T. -0.03 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

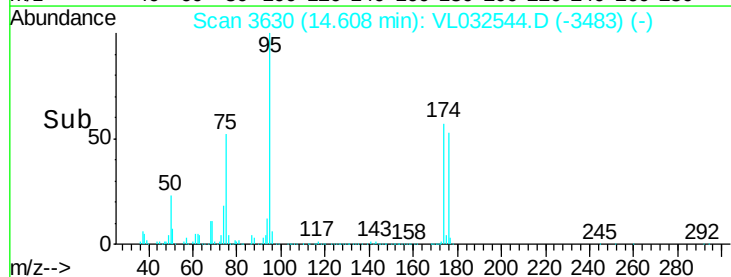
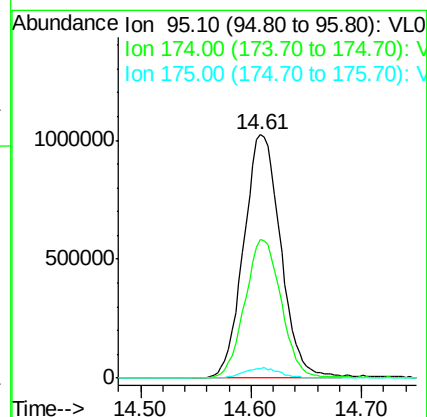
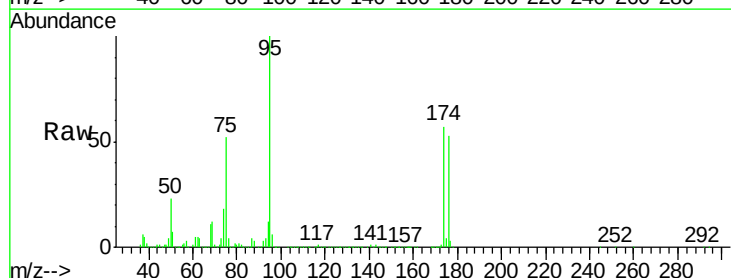
Tgt Ion: 95 Resp: 2372205

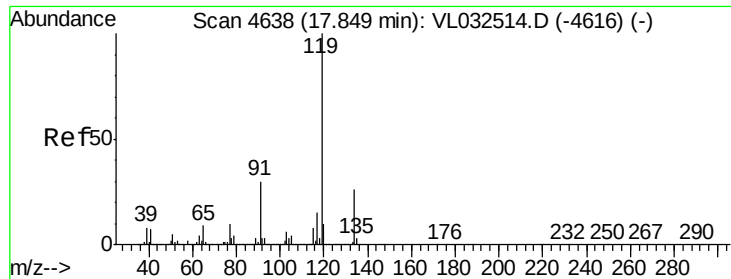
Ion Ratio Lower Upper

95 100

174 56.3 46.3 69.5

175 4.2 3.4 5.0

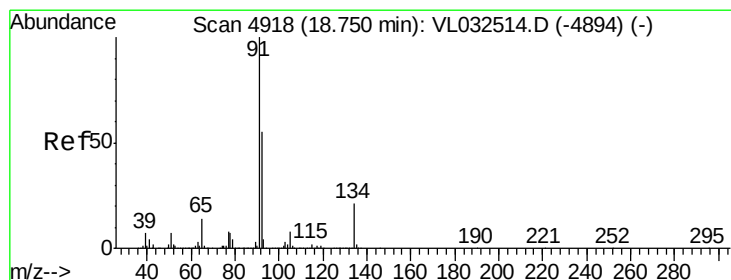
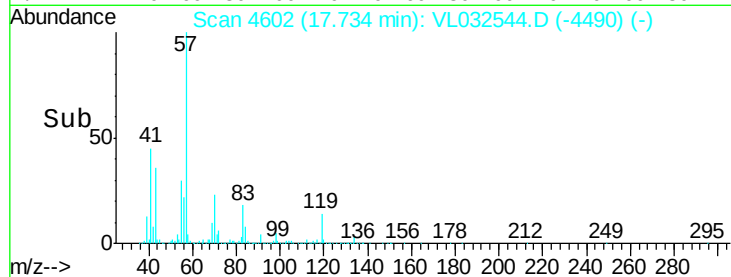
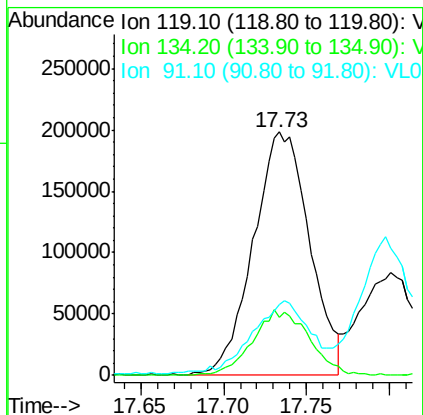
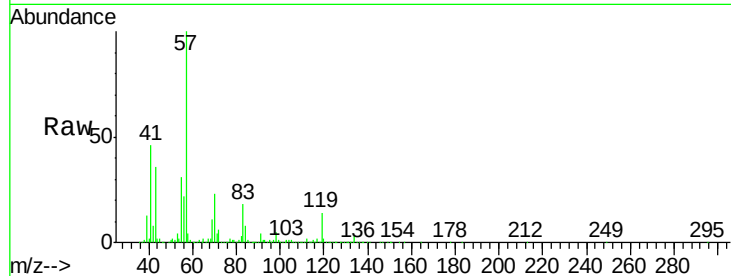




#69
 p-Isopropyltoluene
 Concen: 1.009 ppbv
 RT: 17.73 min Scan# 4602
 Delta R.T. -0.14 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

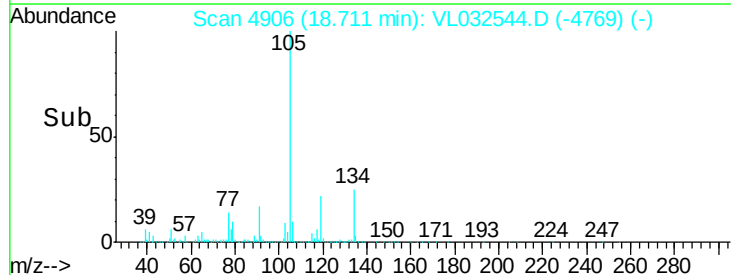
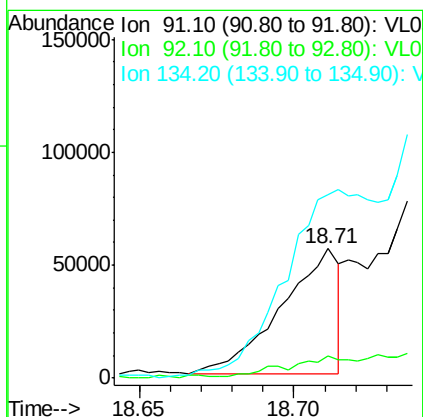
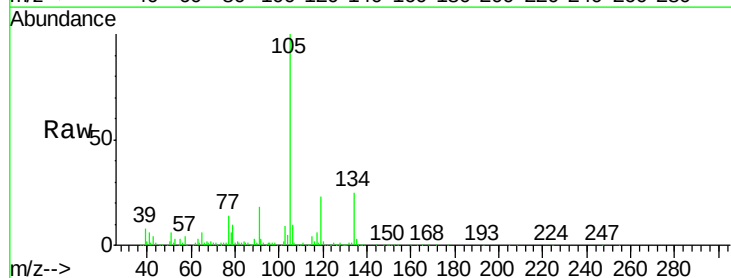
Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENT

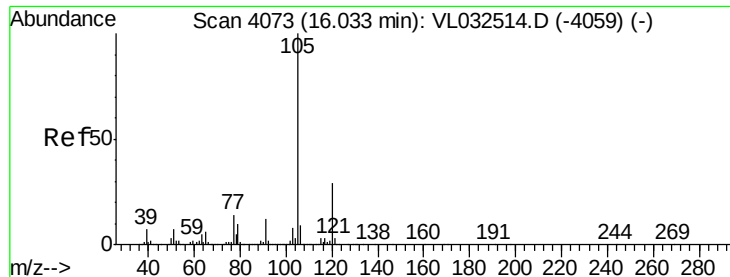
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	20.4	30.6
91	30.5	23.4	35.2



#70
 n-Butylbenzene
 Concen: 0.142 ppbv
 RT: 18.71 min Scan# 4906
 Delta R.T. -0.06 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.8	65.8#
134	0.0	17.4	26.0#





#72

4-Ethyltoluene

Concen: 3.834 ppbv

RT: 16.04 min Scan# 4074

Delta R.T. -0.02 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_L

ClientSampleId :

SVE-EFFLUENT

Tgt Ion:105 Resp: 1381244

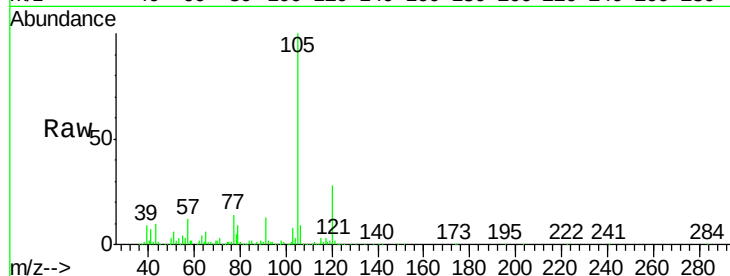
Ion Ratio Lower Upper

105 100

120 28.6 23.5 35.3

91 12.7 10.2 15.2

77 14.0 11.1 16.7

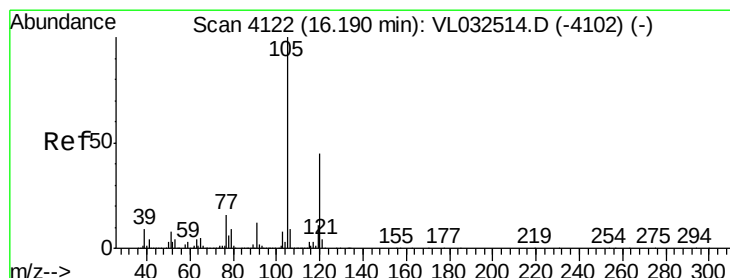
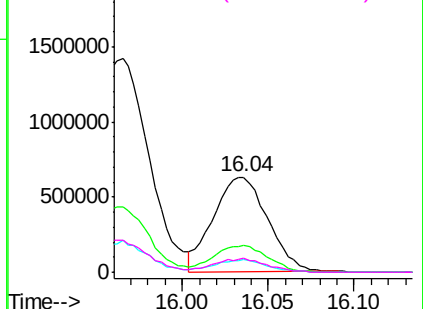
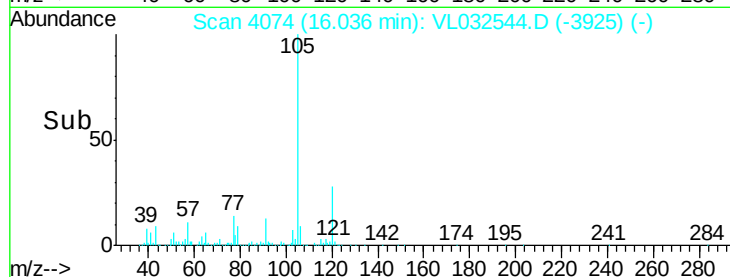


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 10.351 ppbv

RT: 16.19 min Scan# 4123

Delta R.T. -0.02 min

Lab File: VL032544.D

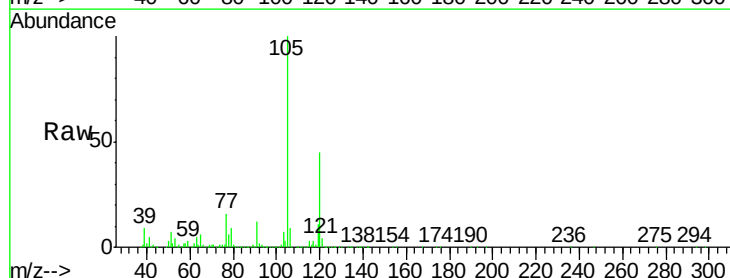
Acq: 25 Sep 2018 14:15

Tgt Ion:105 Resp: 3623840

Ion Ratio Lower Upper

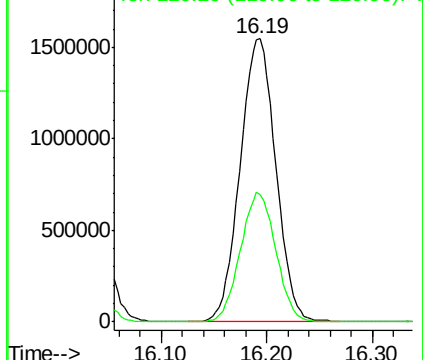
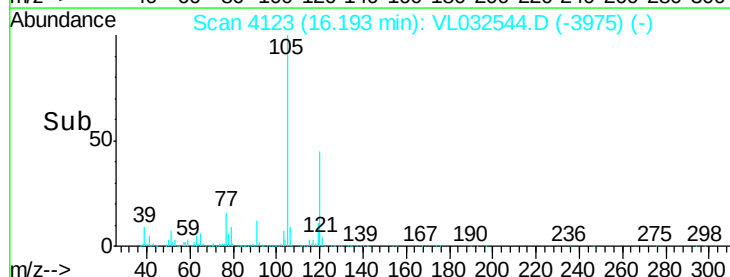
105 100

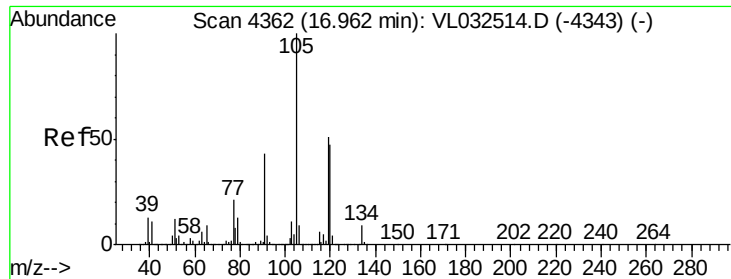
120 44.8 37.9 56.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 5.954 ppbv

RT: 16.96 min Scan# 4361

Delta R.T. -0.02 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_L

ClientSampleId :

SVE-EFFLUENT

Tgt Ion:105 Resp: 2244446

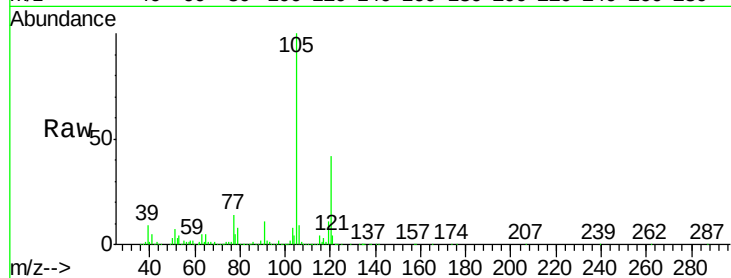
Ion Ratio Lower Upper

105 100

120 41.7 37.8 56.8

91 11.0 41.4 62.0#

77 14.1 18.6 28.0#

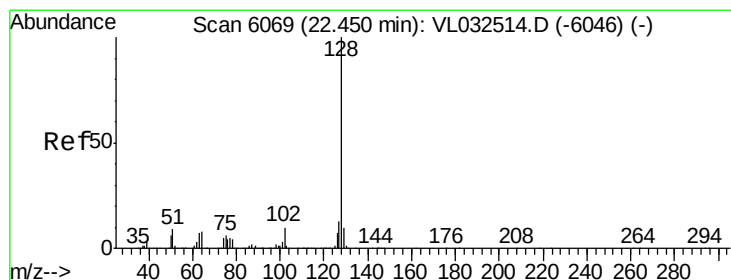
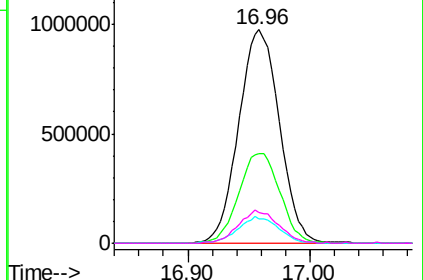
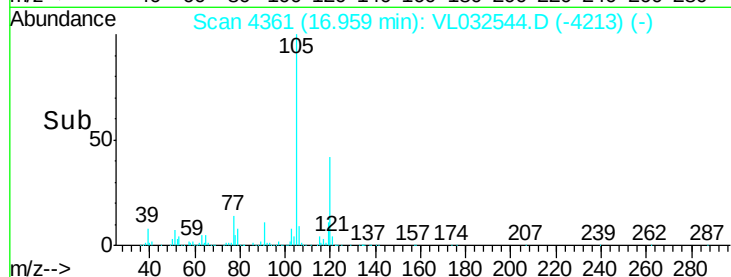


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#79

Naphthalene

Concen: 0.105 ppbv

RT: 22.45 min Scan# 6069

Delta R.T. -0.03 min

Lab File: VL032544.D

Acq: 25 Sep 2018 14:15

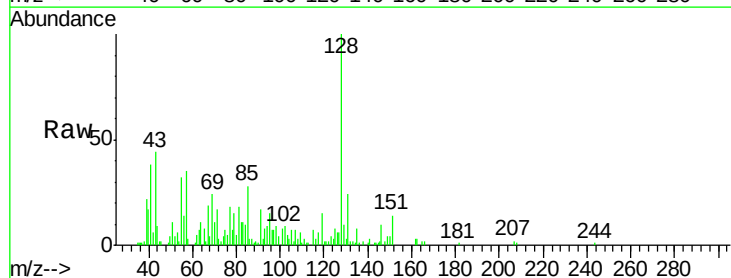
Tgt Ion:128 Resp: 28471

Ion Ratio Lower Upper

128 100

127 5.0 10.2 15.2#

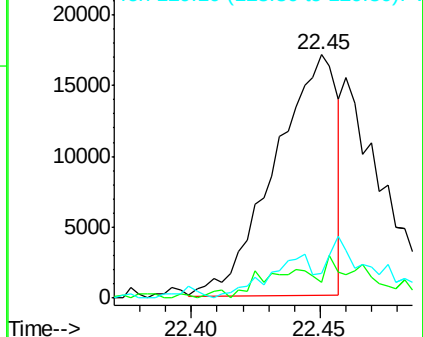
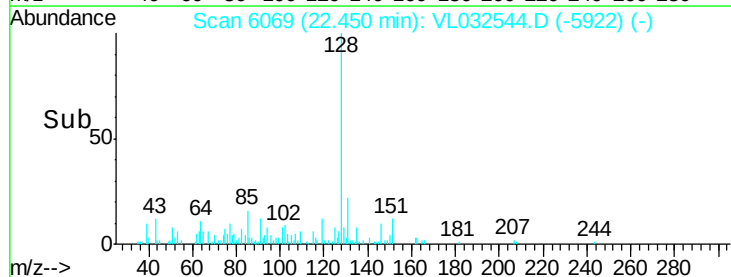
129 4.9 8.5 12.7#

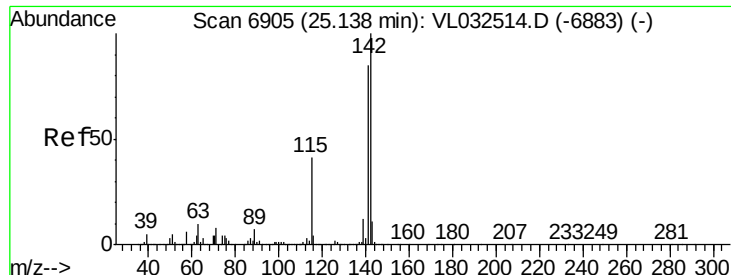


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#80
 Naphthalene, 2-methyl-
 Concen: 0.050 ppbv
 RT: 25.45 min Scan# 7001
 Delta R.T. 0.29 min
 Lab File: VL032544.D
 Acq: 25 Sep 2018 14:15

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENT

Tgt Ion	Ratio	Lower	Upper
142	100		
141	77.8	67.0	100.6
115	33.9	31.3	46.9

