

Data File : VL032569.D
Acq On : 28 Sep 2018 4:04
Operator : SY/AP
Sample : J5094-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
FIA-1

Quant Time: Sep 28 04:30:05 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	5.80	49	1298587	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	2872574	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	2959316	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.61 95 2134809 9.57 ppbv -0.02
Spiked Amount 10.000 Range 65 - 135 Recovery = 95.70%

Target Compounds

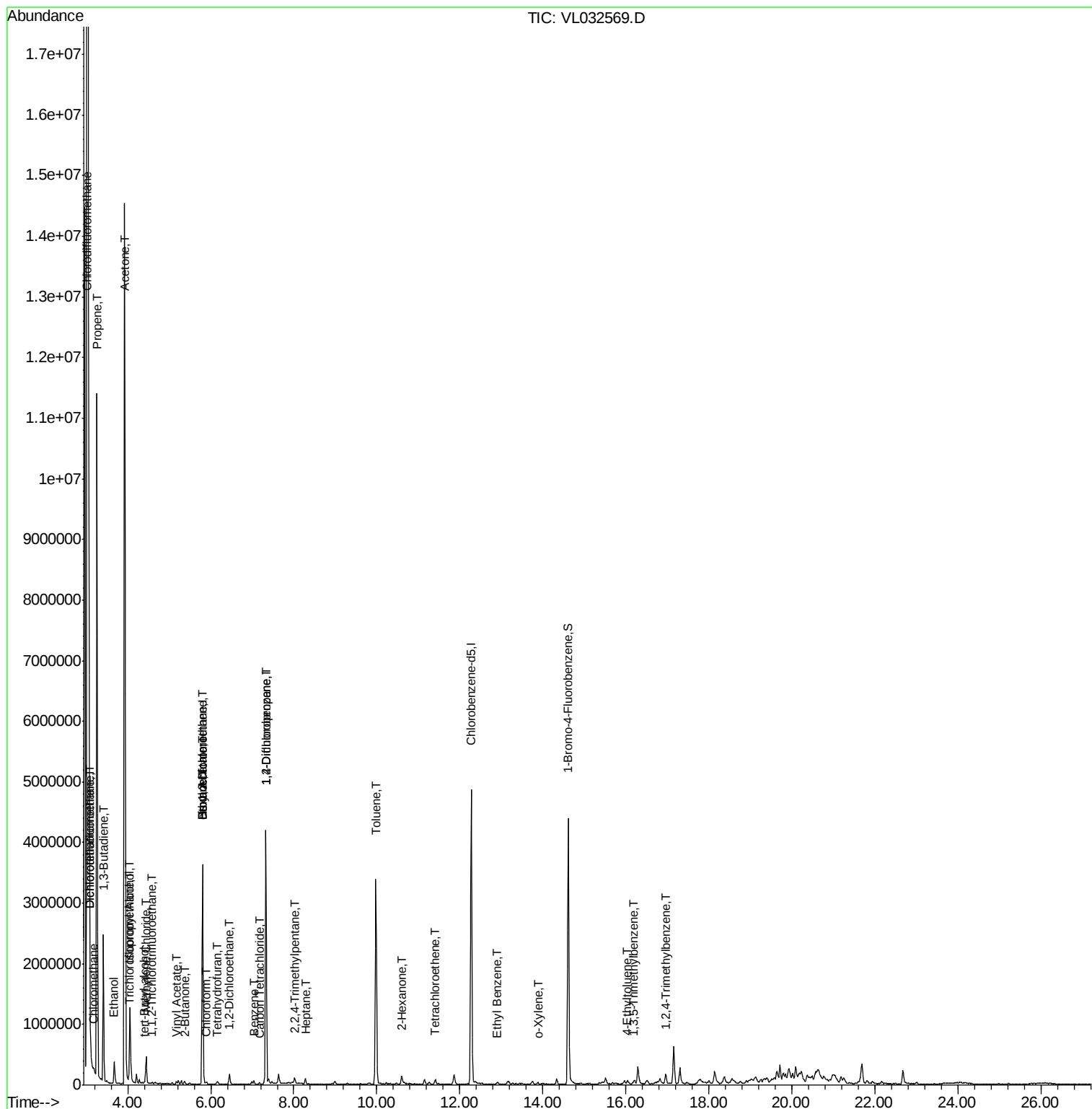
						Qvalue
2) Dichlorodifluoromethane	3.09	85	172680	1.438	ppbv	97
3) Chlorodifluoromethane	3.02	51	26149393	242.146	ppbv #	21
4) Chloromethane	3.19	50	37907	0.602	ppbv	100
8) Dichlorotetrafluoroethane	3.09	85	172680	1.316	ppbv #	20
9) Propene	3.26	41	3632828	77.534	ppbv	96
10) Heptane	8.28	43	11861	0.069	ppbv #	28
11) Trichlorofluoromethane	4.03	101	40055	0.281	ppbv	89
12) 1,1,2-Trichlorotrifluoroet	4.58	101	10173	0.087	ppbv	98
13) Ethanol	3.67	45	371625	26.387	ppbv	97
15) Acetone	3.92	43	17301451	151.784	ppbv #	79
16) 1,3-Butadiene	3.41	39	287646	6.223	ppbv #	2
17) tert-Butyl alcohol	4.39	59	5118	0.357	ppbv #	100
19) Isopropyl Alcohol	4.05	45	1412619	17.792	ppbv #	93
20) Methylene Chloride	4.44	84	162907	2.951	ppbv	94
23) Vinyl Acetate	5.18	43	14350	0.071	ppbv #	86
25) Ethyl Acetate	5.80	43	343752	1.243	ppbv #	88
26) Hexane	5.81	57	346064	2.770	ppbv #	53
29) Chloroform	5.88	83	6207	0.032	ppbv	99
31) cis-1,2-Dichloroethene	5.80	61	12959	0.109	ppbv #	51
34) 2-Butanone	5.37	43	50242	0.294	ppbv	99
35) Carbon Tetrachloride	7.17	117	14248	0.071	ppbv	96
36) Benzene	7.04	78	47377	0.204	ppbv #	92
37) 1,2-Dichloroethane	6.44	62	114006	0.815	ppbv	99
39) 1,2-Dichloropropane	7.33	63	777847	7.435	ppbv #	25
41) Tetrahydrofuran	6.16	42	3585	0.039	ppbv #	39
44) 2,2,4-Trimethylpentane	8.03	57	37712	0.083	ppbv #	21
51) 2-Hexanone	10.60	43	13235	0.060	ppbv #	91
52) Tetrachloroethene	11.40	164	7714	0.095	ppbv #	76
53) Toluene	9.98	91	2150470	7.602	ppbv	99
58) Ethyl Benzene	12.90	91	13064	0.036	ppbv	96
60) o-Xylene	13.88	91	18035	0.058	ppbv	88
72) 4-Ethyltoluene	16.04	105	15445	0.046	ppbv #	68
73) 1,3,5-Trimethylbenzene	16.18	105	11481	0.035	ppbv #	72
74) 1,2,4-Trimethylbenzene	16.96	105	100142	0.284	ppbv #	67

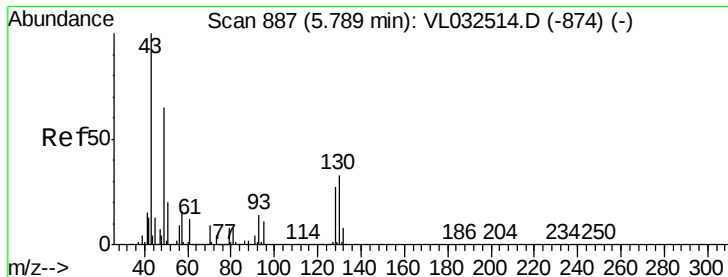
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 890

Delta R.T. -0.01 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

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FIA-1

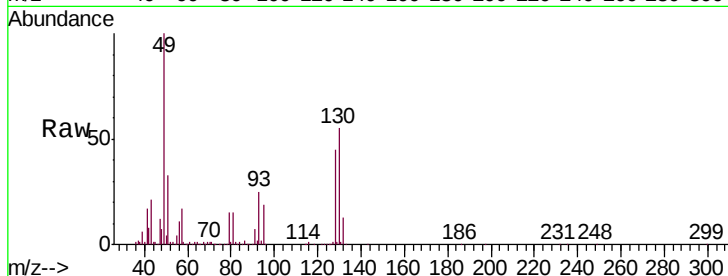
Tgt Ion: 49 Resp: 1298587

Ion Ratio Lower Upper

49 100

128 44.0 20.7 62.1

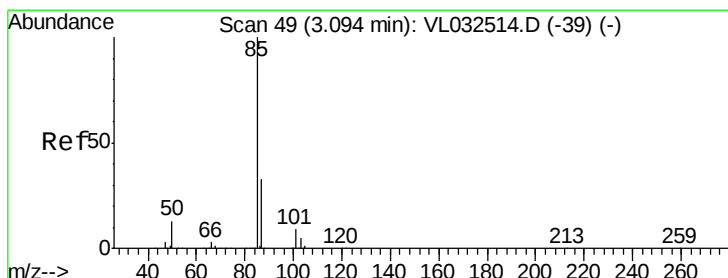
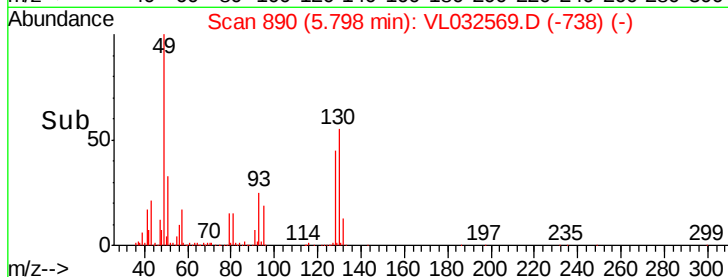
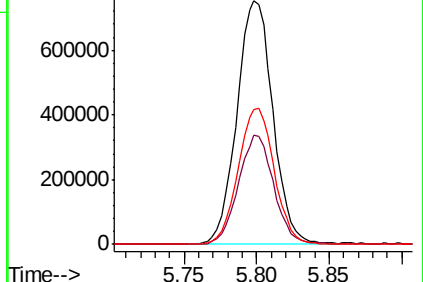
130 56.1 26.6 79.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 1.438 ppbv

RT: 3.09 min Scan# 49

Delta R.T. -0.02 min

Lab File: VL032569.D

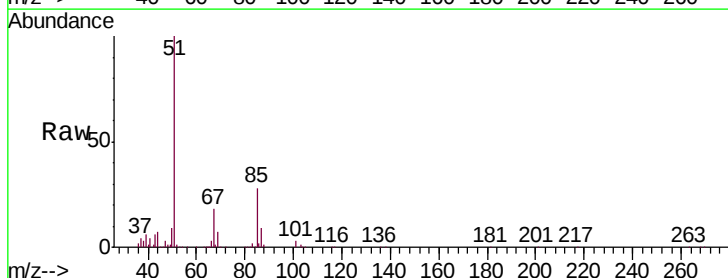
Acq: 28 Sep 2018 4:04

Tgt Ion: 85 Resp: 172680

Ion Ratio Lower Upper

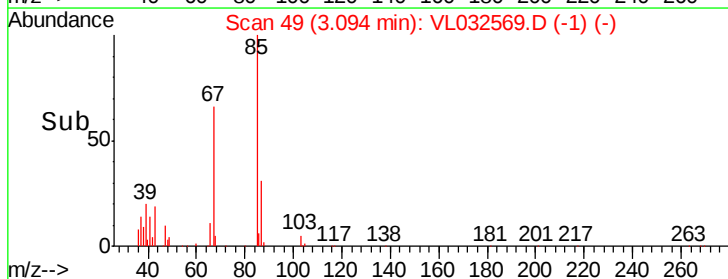
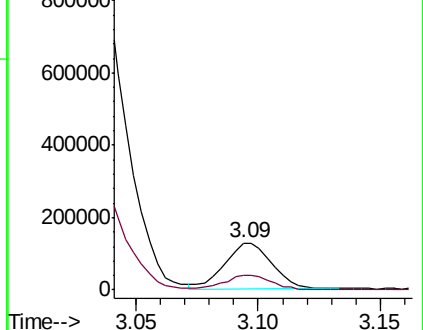
85 100

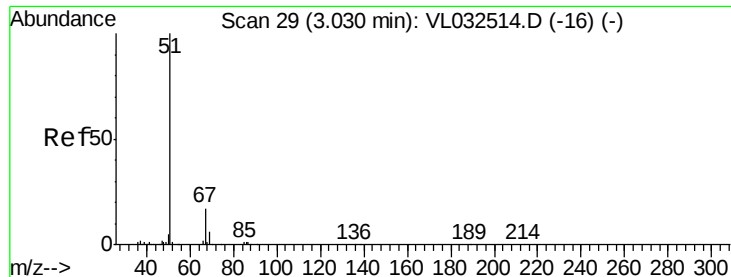
87 30.9 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 242.146 ppbv

RT: 3.02 min Scan# 26

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

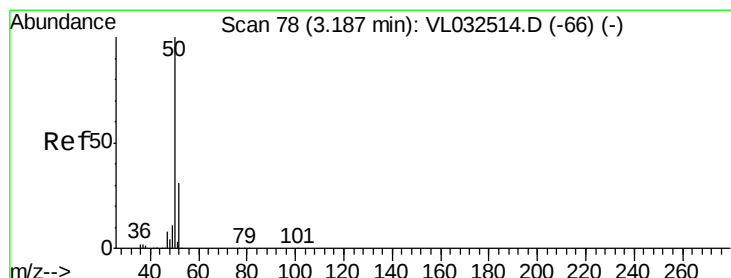
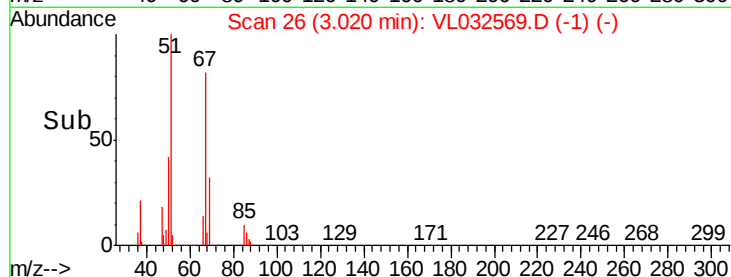
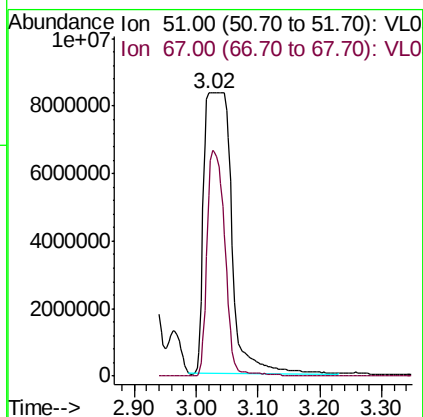
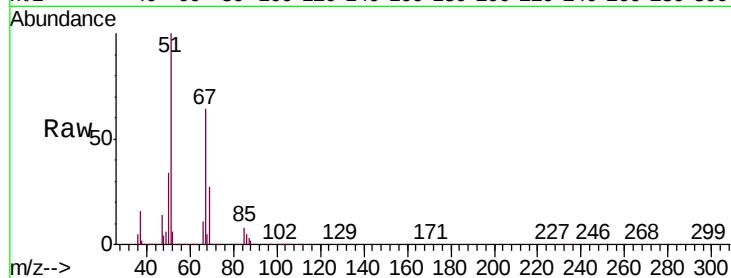
FIA-1

Tgt Ion: 51 Resp: 26149393

Ion Ratio Lower Upper

51 100

67 51.9 13.8 20.8#



#4

Chloromethane

Concen: 0.602 ppbv

RT: 3.19 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL032569.D

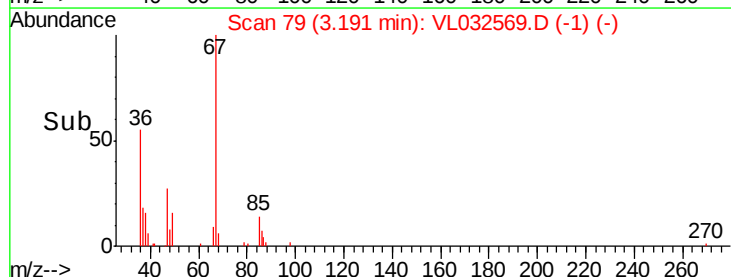
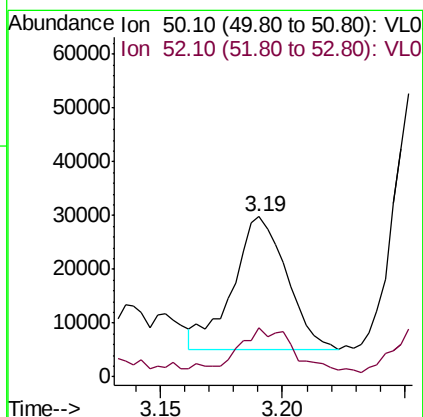
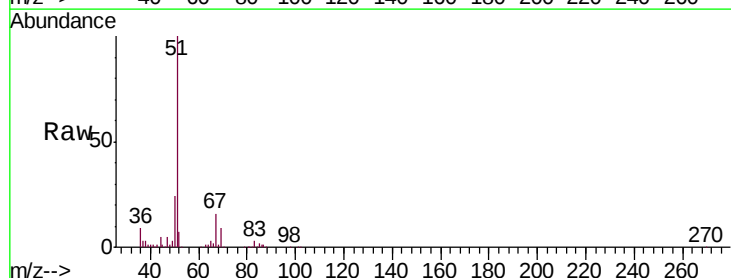
Acq: 28 Sep 2018 4:04

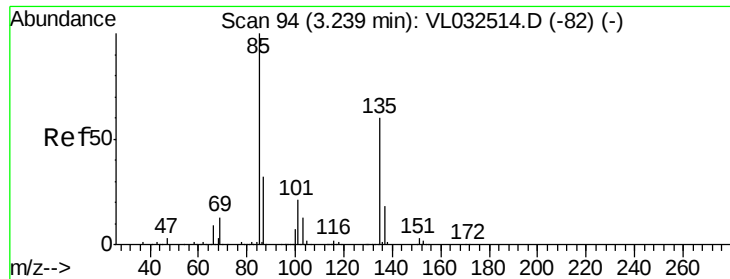
Tgt Ion: 50 Resp: 37907

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4





#8

Dichlorotetrafluoroethane

Concen: 1.316 ppbv

RT: 3.09 min Scan# 49

Delta R.T. -0.16 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

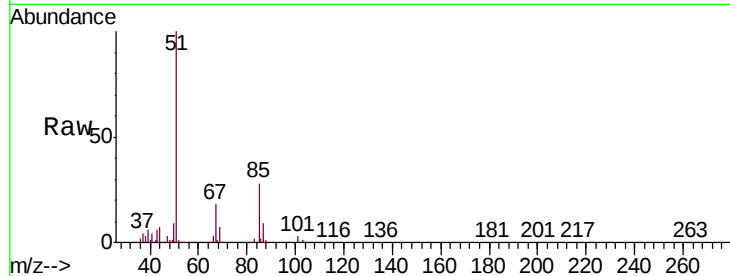
FIA-1

Tgt Ion: 85 Resp: 172680

Ion Ratio Lower Upper

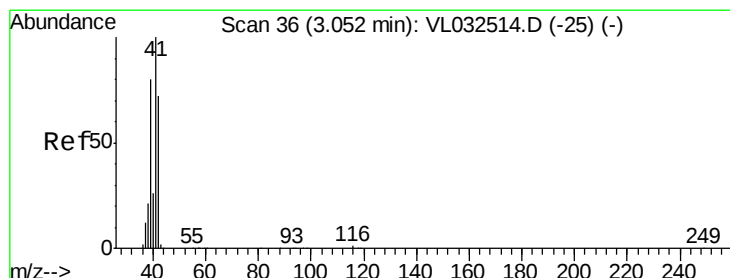
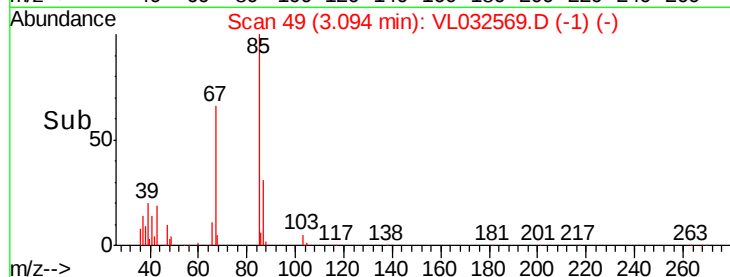
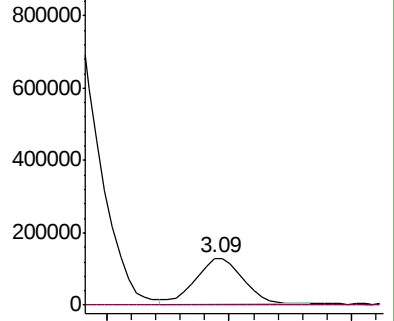
85 100

135 0.0 48.6 72.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V



#9

Propene

Concen: 77.534 ppbv

RT: 3.26 min Scan# 100

Delta R.T. 0.19 min

Lab File: VL032569.D

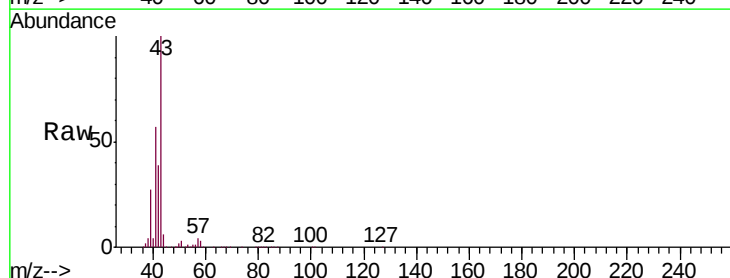
Acq: 28 Sep 2018 4:04

Tgt Ion: 41 Resp: 3632828

Ion Ratio Lower Upper

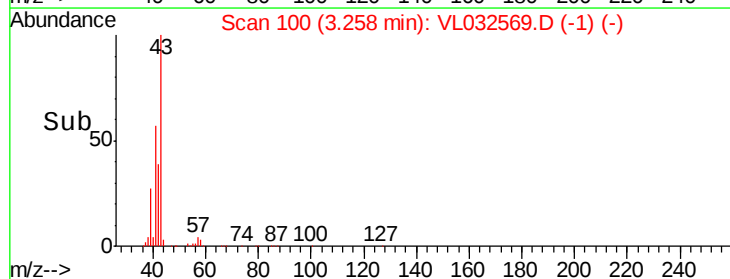
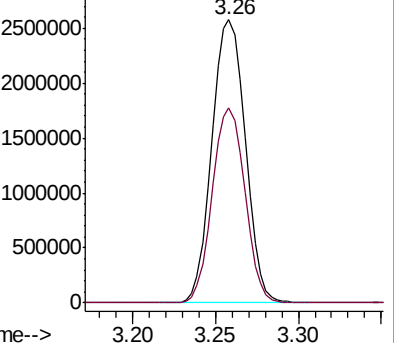
41 100

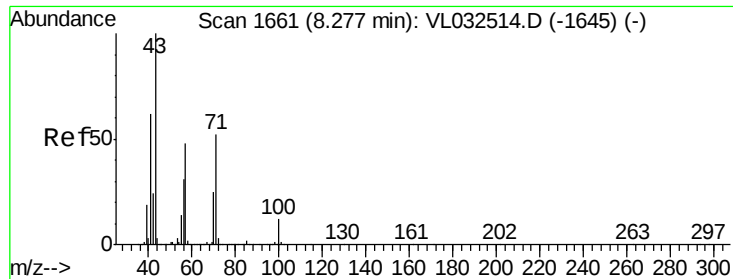
42 67.3 56.6 84.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

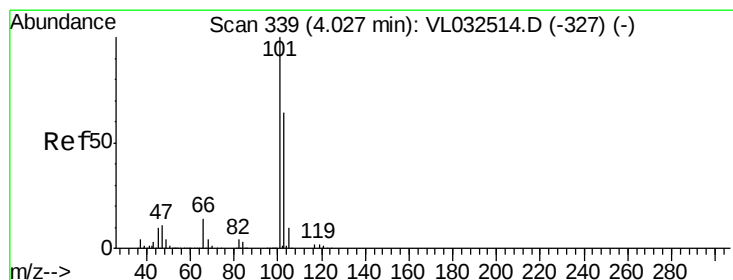
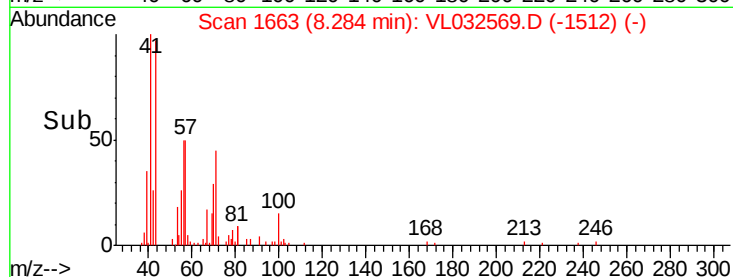
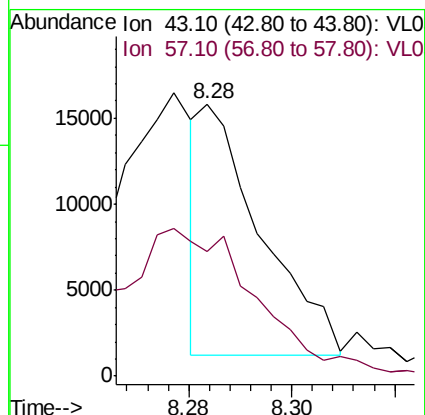
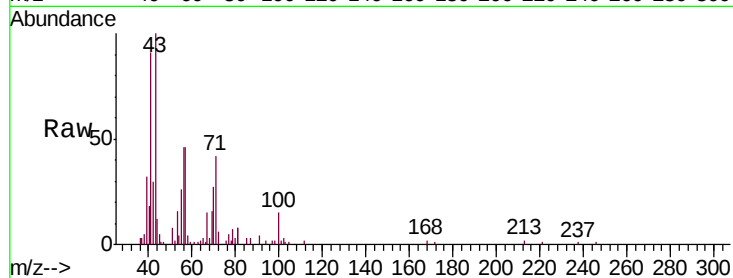




#10
Heptane
Concen: 0.069 ppbv
RT: 8.28 min Scan# 1663
Delta R.T. -0.02 min
Lab File: VL032569.D
Acq: 28 Sep 2018 4:04

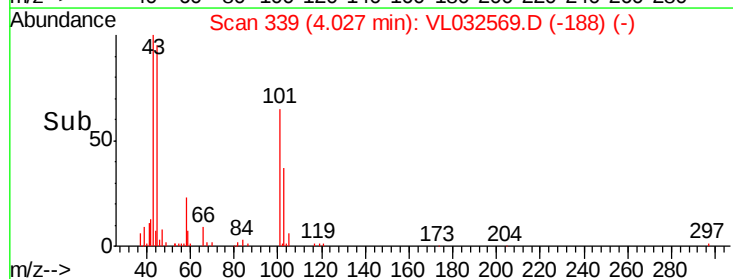
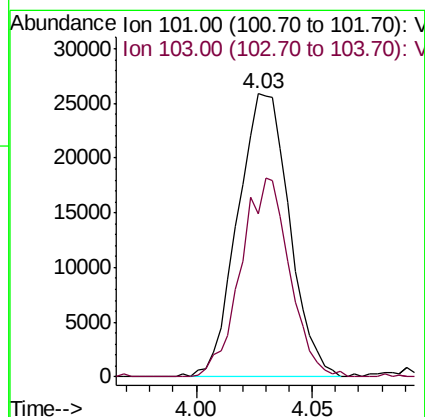
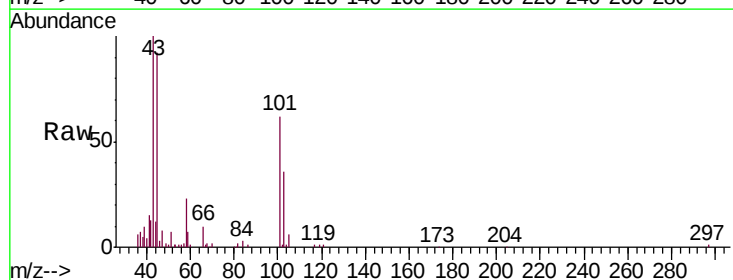
Instrument :
MSVOA_L
ClientSampled :
FIA-1

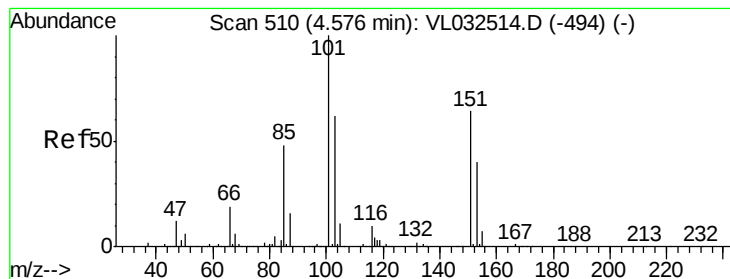
Tgt Ion: 43 Resp: 11861
Ion Ratio Lower Upper
43 100
57 0.0 39.6 59.4#



#11
Trichlorofluoromethane
Concen: 0.281 ppbv
RT: 4.03 min Scan# 339
Delta R.T. -0.02 min
Lab File: VL032569.D
Acq: 28 Sep 2018 4:04

Tgt Ion: 101 Resp: 40055
Ion Ratio Lower Upper
101 100
103 57.6 52.8 79.2





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.087 ppbv

RT: 4.58 min Scan# 510

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampled :

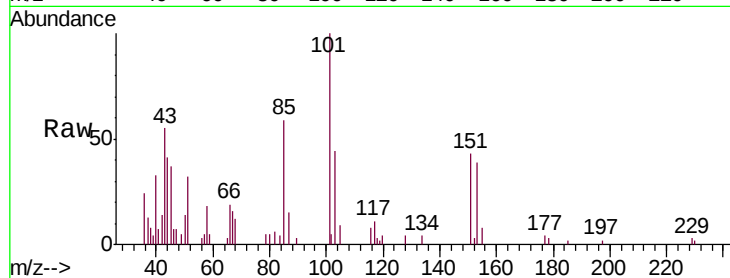
FIA-1

Tgt Ion: 101 Resp: 10173

Ion Ratio Lower Upper

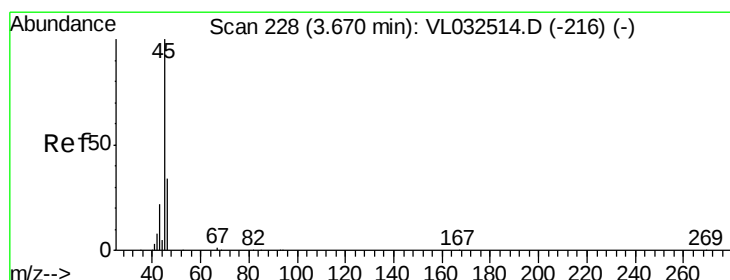
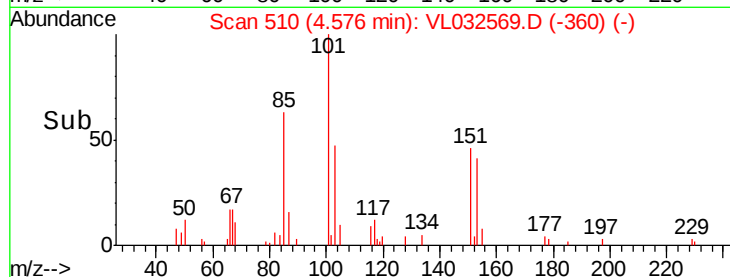
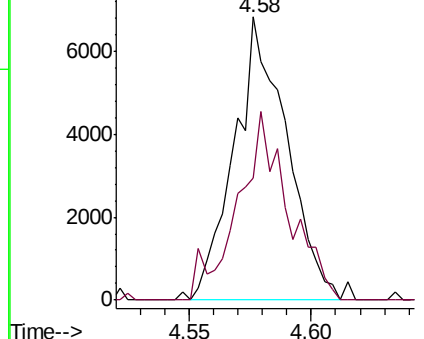
101 100

151 64.0 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: 26.387 ppbv

RT: 3.67 min Scan# 228

Delta R.T. -0.01 min

Lab File: VL032569.D

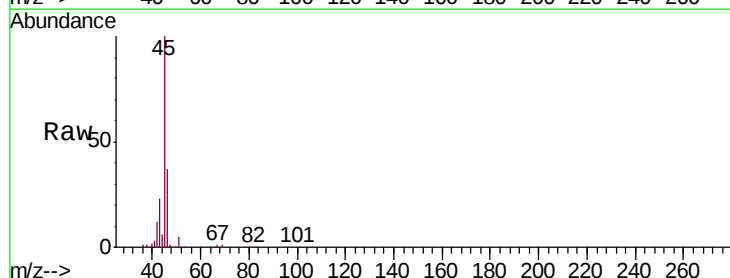
Acq: 28 Sep 2018 4:04

Tgt Ion: 45 Resp: 371625

Ion Ratio Lower Upper

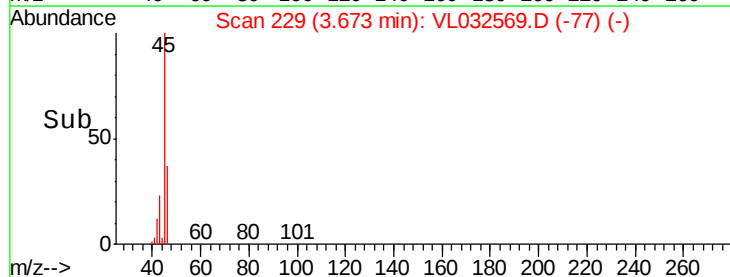
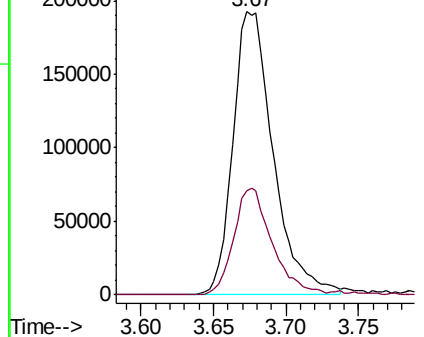
45 100

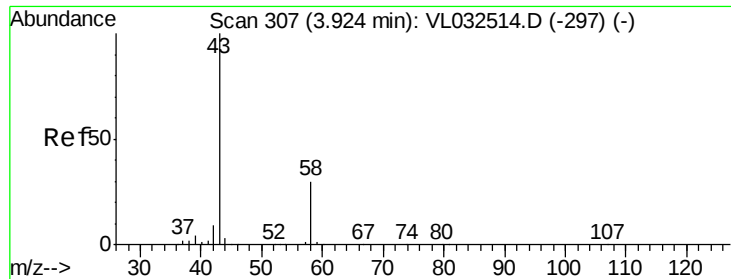
46 37.1 14.2 56.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 151.784 ppbv

RT: 3.92 min Scan# 307

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

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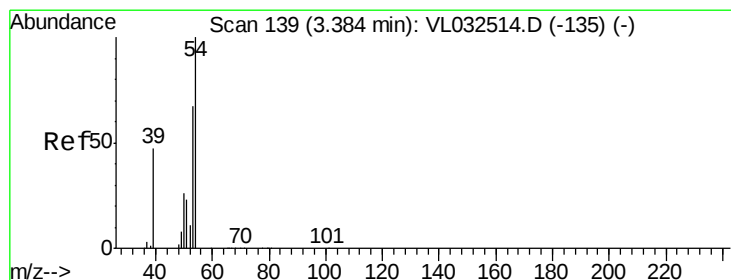
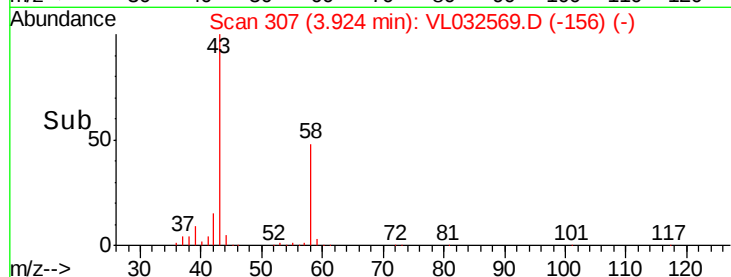
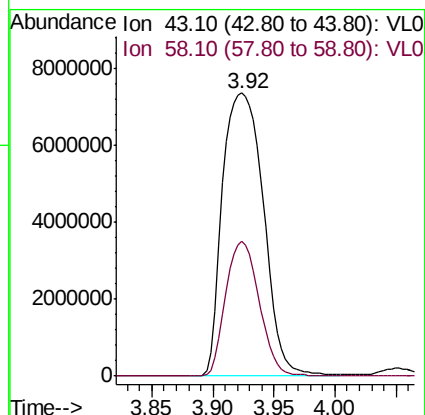
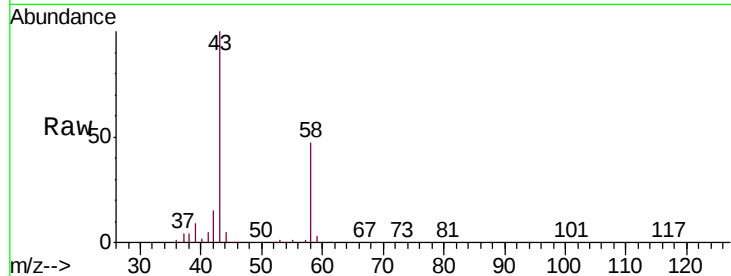
FIA-1

Tgt Ion: 43 Resp:17301451

Ion Ratio Lower Upper

43 100

58 39.2 22.6 33.8#



#16

1,3-Butadiene

Concen: 6.223 ppbv

RT: 3.41 min Scan# 148

Delta R.T. 0.01 min

Lab File: VL032569.D

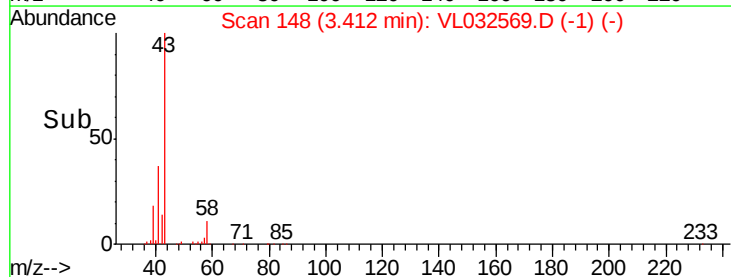
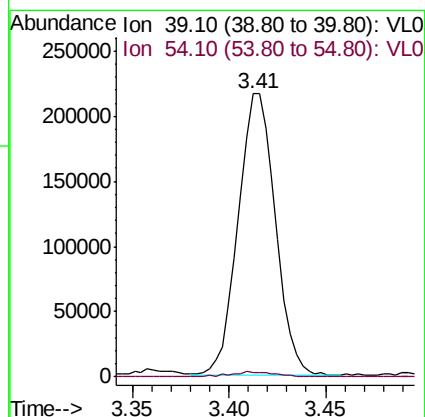
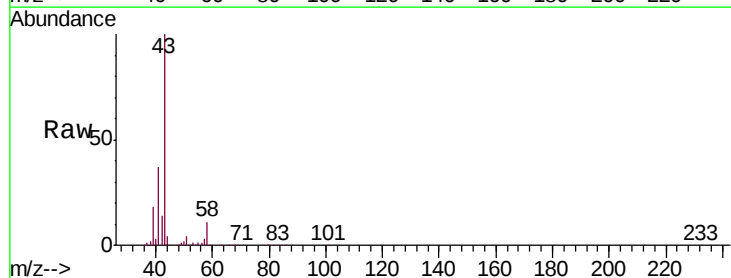
Acq: 28 Sep 2018 4:04

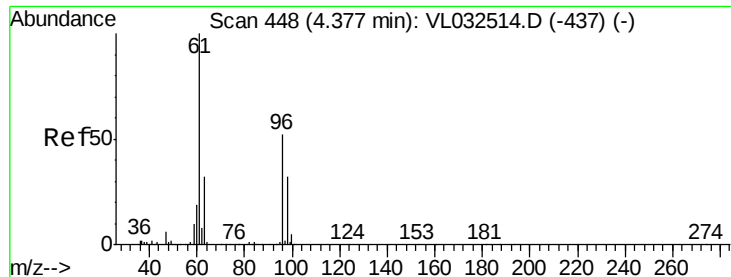
Tgt Ion: 39 Resp: 287646

Ion Ratio Lower Upper

39 100

54 2.5 80.8 121.2#





#17

tert-Butyl alcohol

Concen: 0.357 ppbv

RT: 4.39 min Scan# 452

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampled :

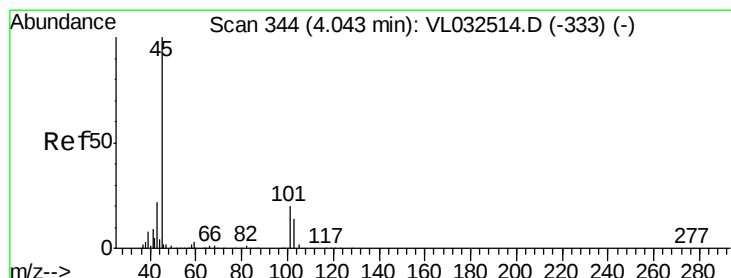
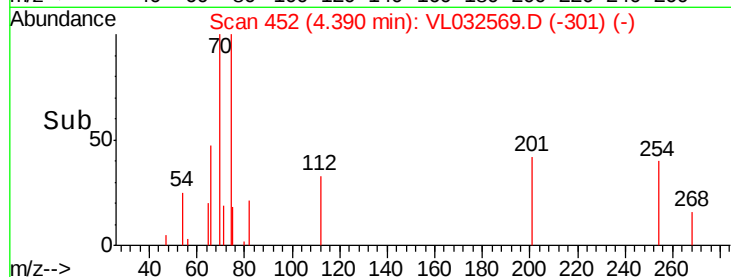
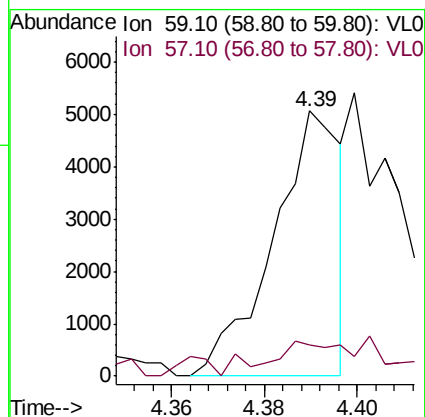
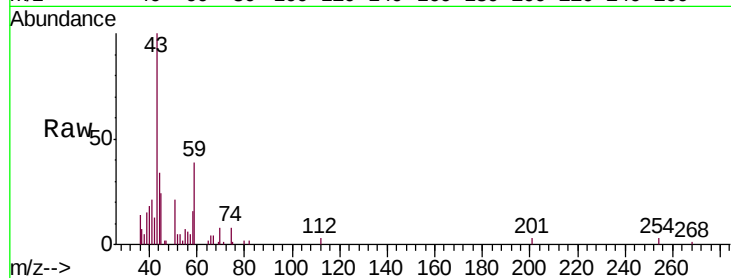
FIA-1

Tgt Ion: 59 Resp: 5118

Ion Ratio Lower Upper

59 100

57 205.5 0.0 0.0#



#19

Isopropyl Alcohol

Concen: 17.792 ppbv

RT: 4.05 min Scan# 347

Delta R.T. -0.01 min

Lab File: VL032569.D

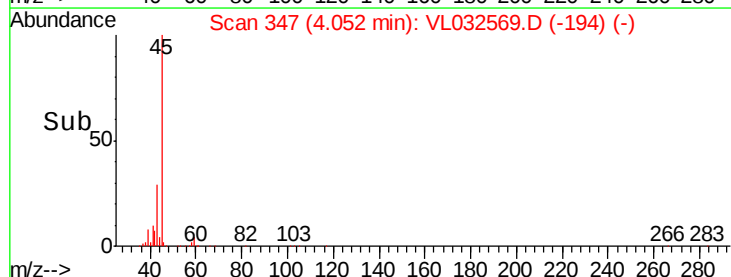
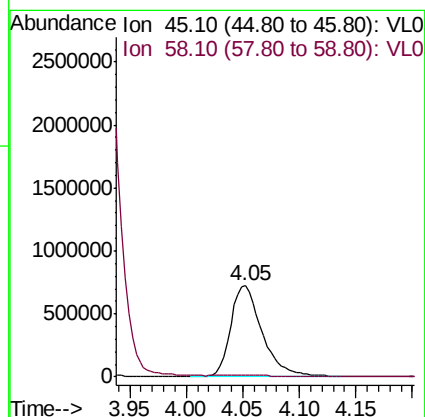
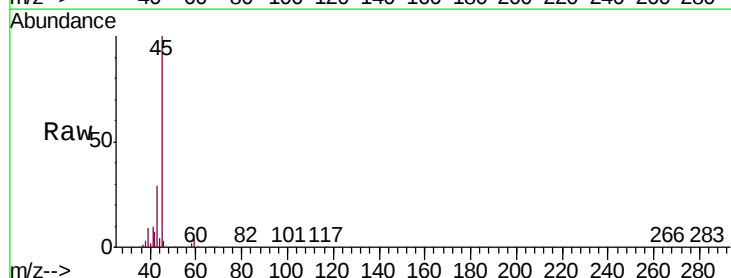
Acq: 28 Sep 2018 4:04

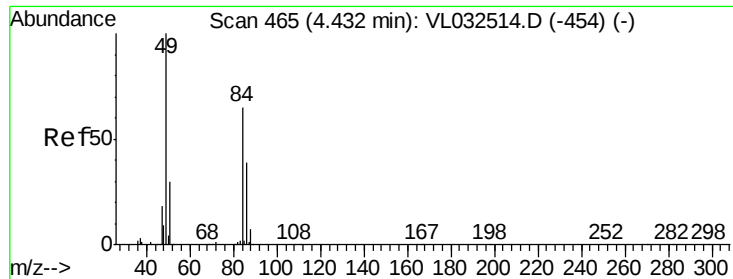
Tgt Ion: 45 Resp: 1412619

Ion Ratio Lower Upper

45 100

58 0.0 2.0 3.0#

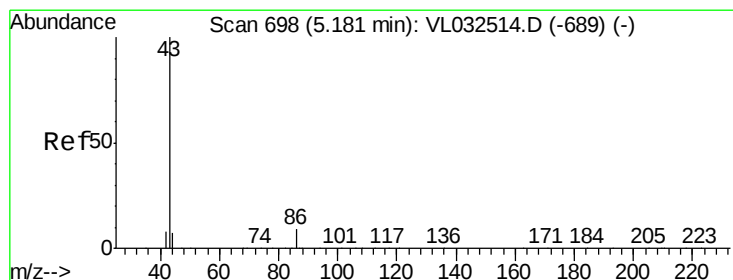
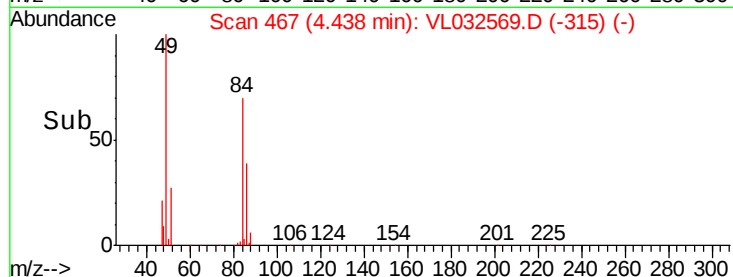
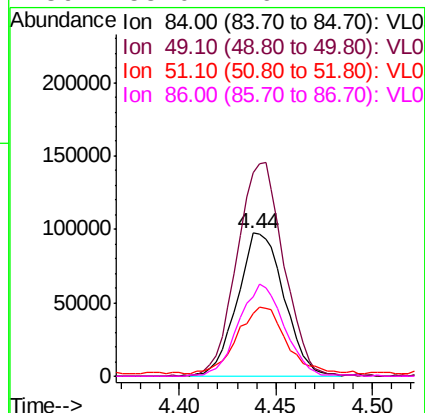
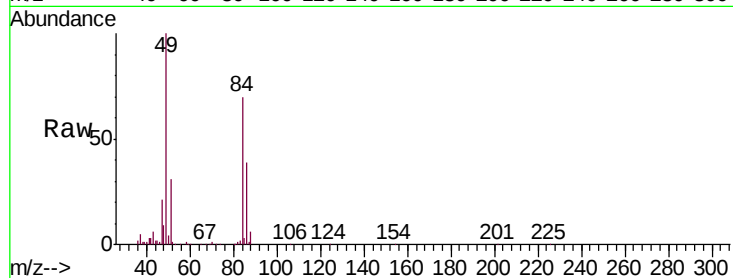




#20
Methylene Chloride
Concen: 2.951 ppbv
RT: 4.44 min Scan# 467
Delta R.T. -0.01 min
Lab File: VL032569.D
Acq: 28 Sep 2018 4:04

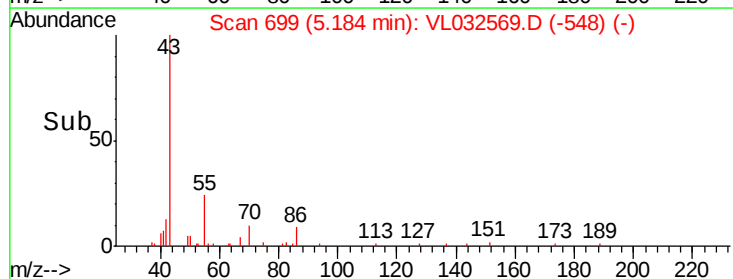
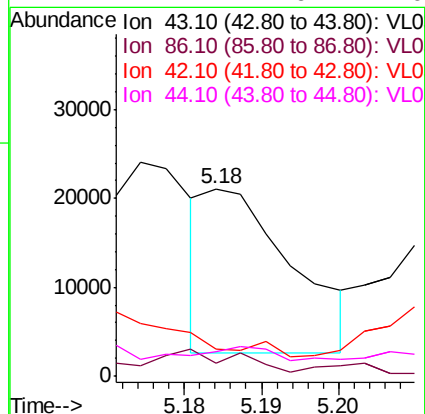
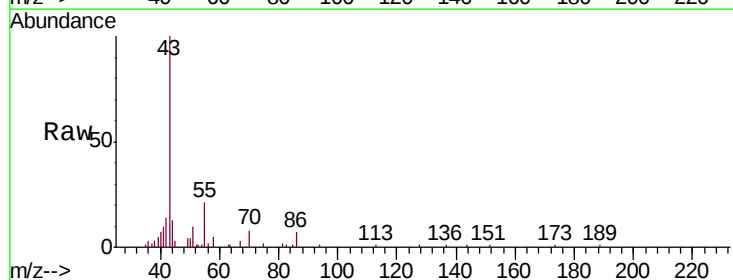
Instrument :
MSVOA_L
ClientSampleId :
FIA-1

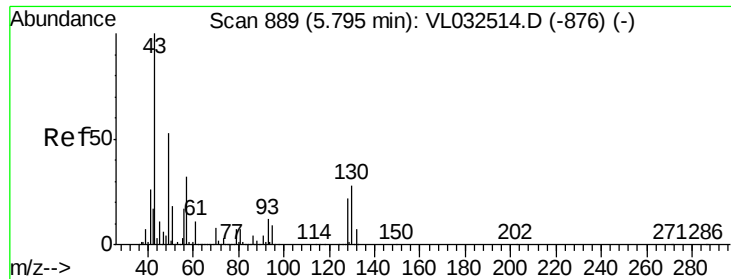
Tgt Ion:	84	Resp:	162907
Ion	Ratio	Lower	Upper
84	100		
49	142.2	119.1	178.7
51	42.3	35.2	52.8
86	55.0	49.4	74.2



#23
Vinyl Acetate
Concen: 0.071 ppbv
RT: 5.18 min Scan# 699
Delta R.T. -0.02 min
Lab File: VL032569.D
Acq: 28 Sep 2018 4:04

Tgt Ion:	43	Resp:	14350
Ion	Ratio	Lower	Upper
43	100		
86	3.3	5.9	8.9#
42	0.7	6.9	10.3#
44	7.4	4.6	7.0#

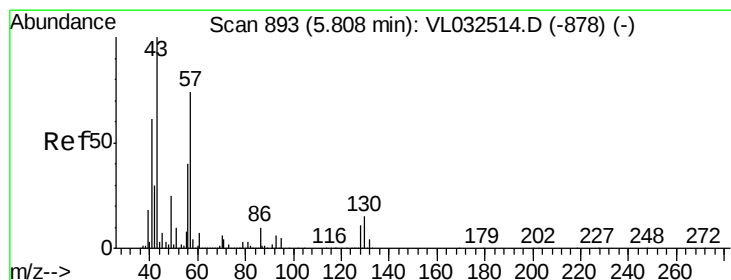
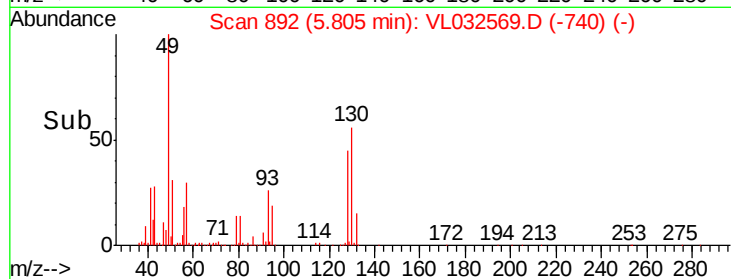
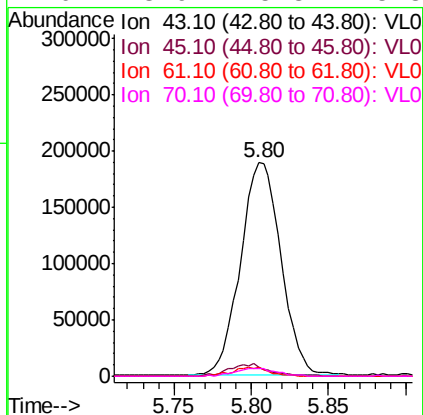
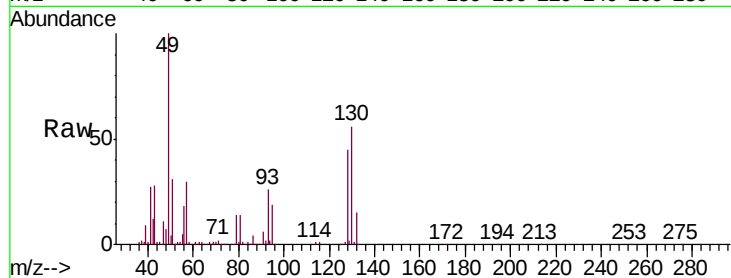




#25
Ethyl Acetate
Concen: 1.243 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL032569.D
Acq: 28 Sep 2018 4:04

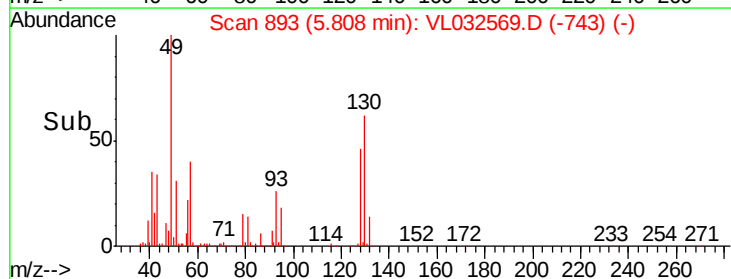
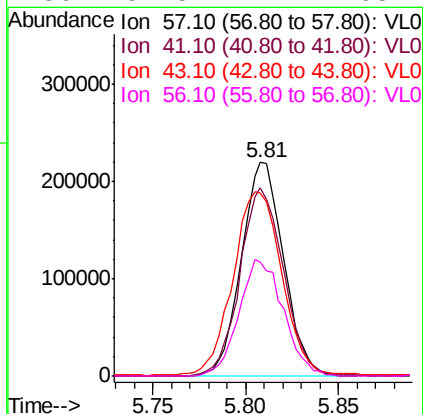
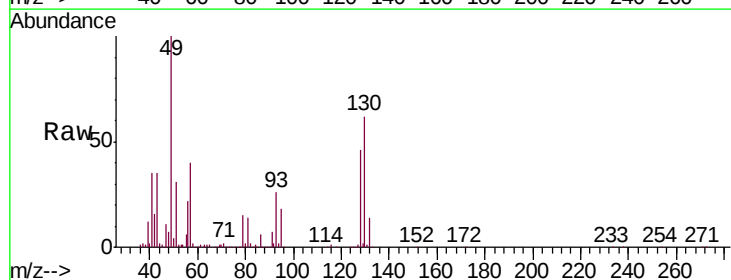
Instrument :
MSVOA_L
ClientSampleId :
FIA-1

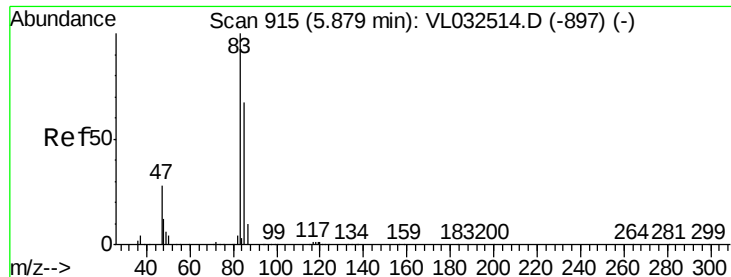
Tgt Ion:	43	Resp:	343752
Ion	Ratio	Lower	Upper
43	100		
45	6.0	8.0	12.0#
61	4.0	7.6	11.4#
70	3.9	5.8	8.8#



#26
Hexane
Concen: 2.770 ppbv
RT: 5.81 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL032569.D
Acq: 28 Sep 2018 4:04

Tgt Ion:	57	Resp:	346064
Ion	Ratio	Lower	Upper
57	100		
41	92.6	69.0	103.4
43	99.7	172.1	258.1#
56	57.5	42.2	63.2





#29

Chloroform

Concen: 0.032 ppbv

RT: 5.88 min Scan# 915

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

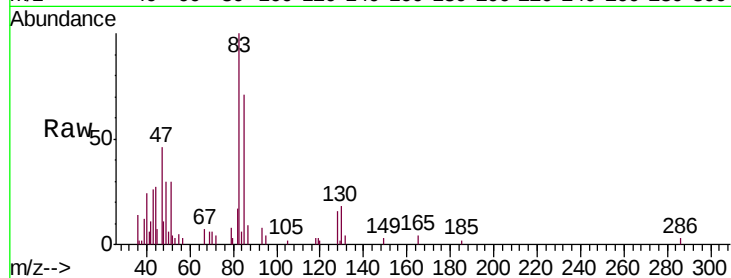
FIA-1

Tgt Ion: 83 Resp: 6207

Ion Ratio Lower Upper

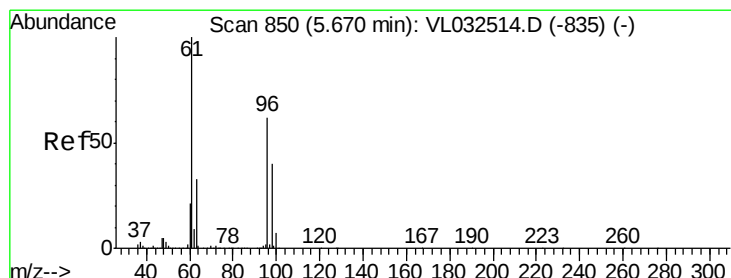
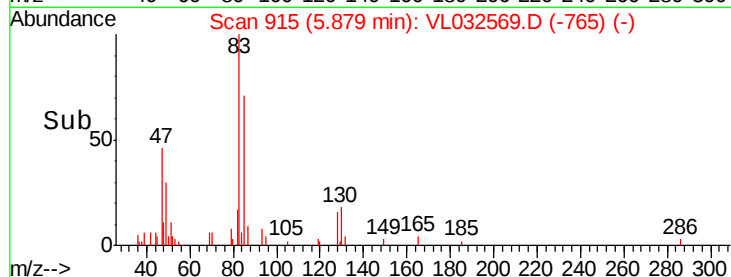
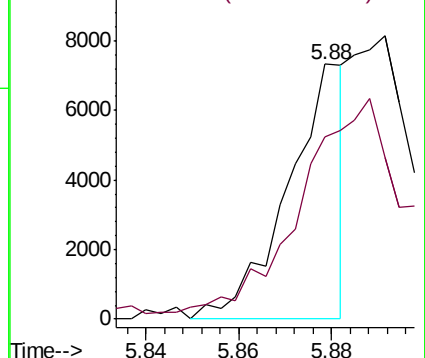
83 100

85 66.6 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#31

cis-1,2-Dichloroethene

Concen: 0.109 ppbv

RT: 5.80 min Scan# 890

Delta R.T. 0.11 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

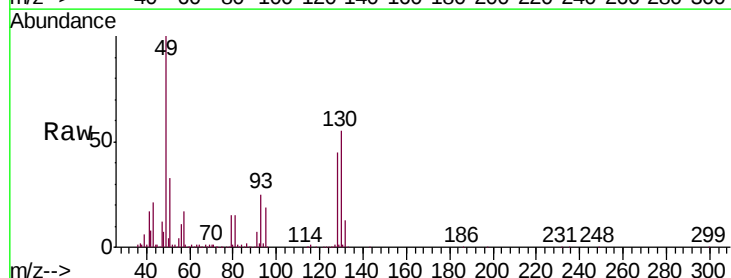
Tgt Ion: 61 Resp: 12959

Ion Ratio Lower Upper

61 100

96 30.2 49.2 73.8#

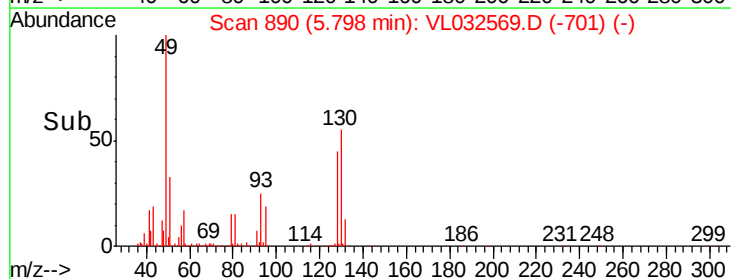
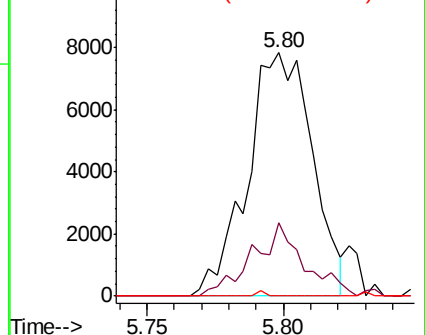
98 0.0 30.7 46.1#

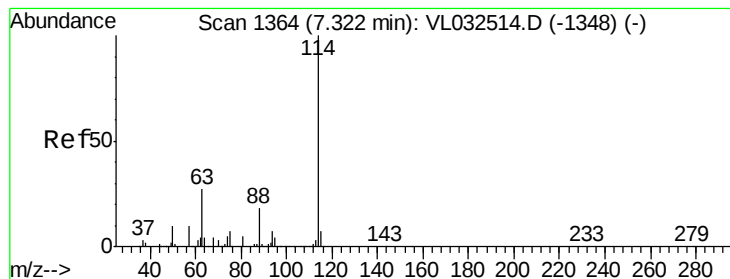


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.33 min Scan# 1366

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

FIA-1

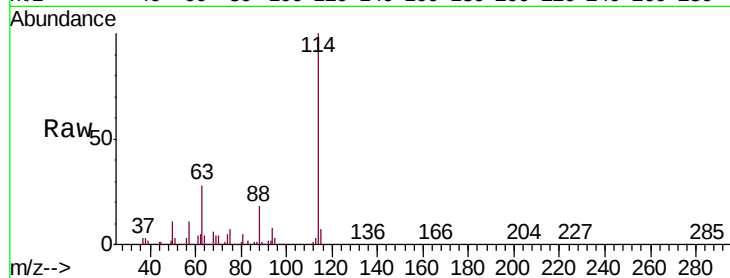
Tgt Ion:114 Resp: 2872574

Ion Ratio Lower Upper

114 100

63 27.3 22.2 33.4

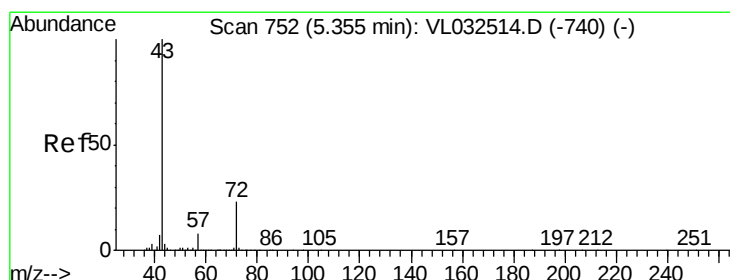
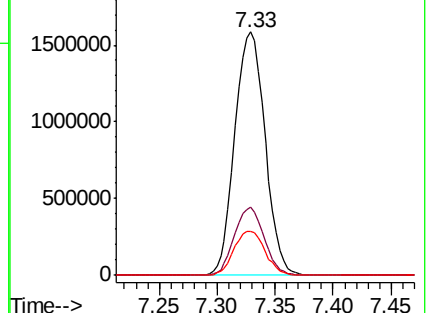
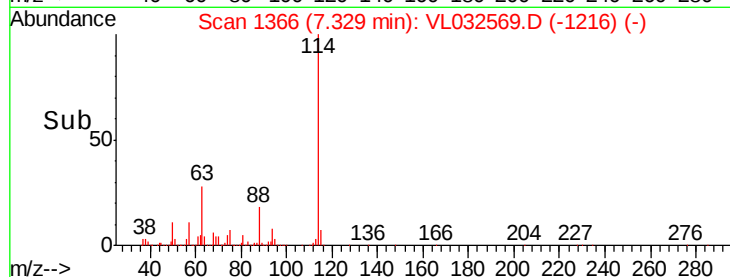
88 18.5 15.0 22.4



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: 0.294 ppbv

RT: 5.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VL032569.D

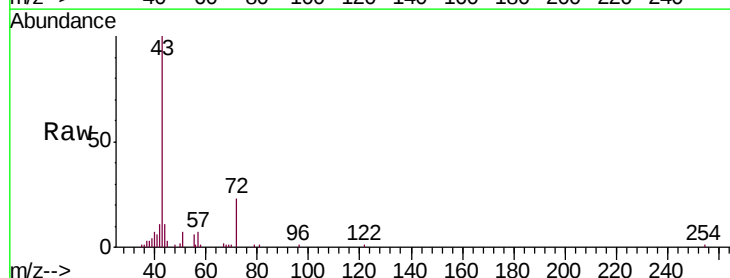
Acq: 28 Sep 2018 4:04

Tgt Ion: 43 Resp: 50242

Ion Ratio Lower Upper

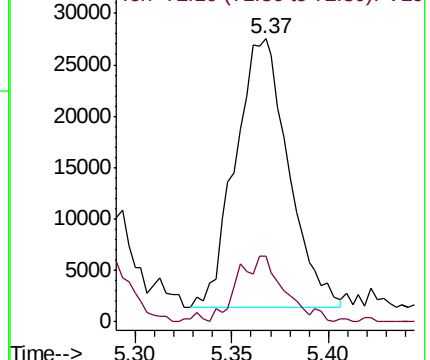
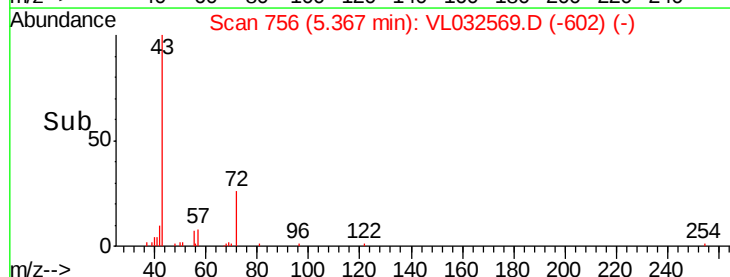
43 100

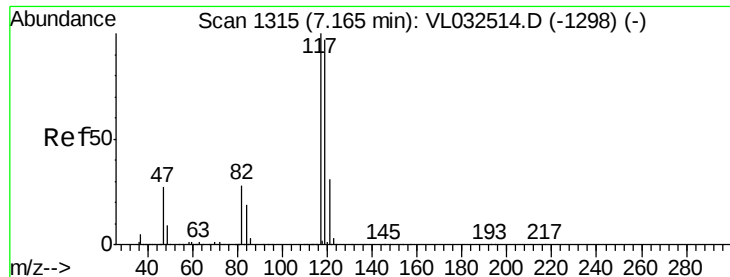
72 22.6 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.071 ppbv

RT: 7.17 min Scan# 1316

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampled :

FIA-1

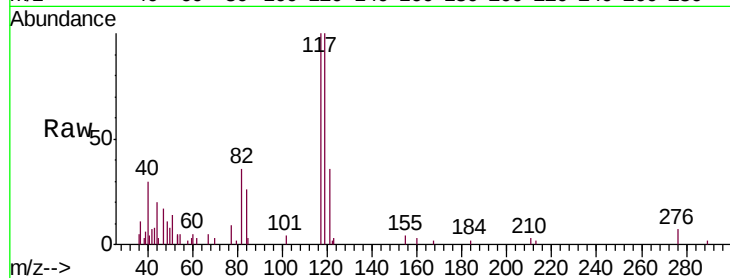
Tgt Ion: 117 Resp: 14248

Ion Ratio Lower Upper

117 100

119 97.9 76.6 115.0

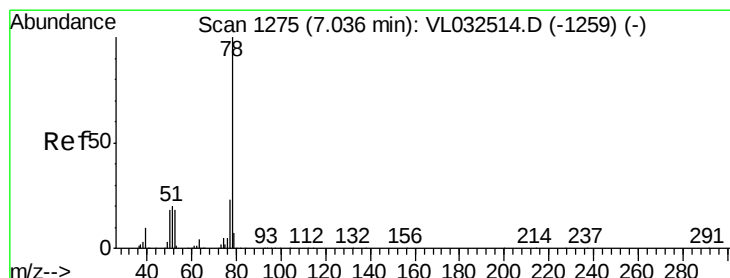
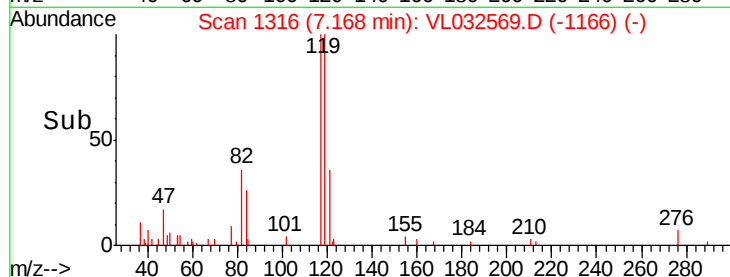
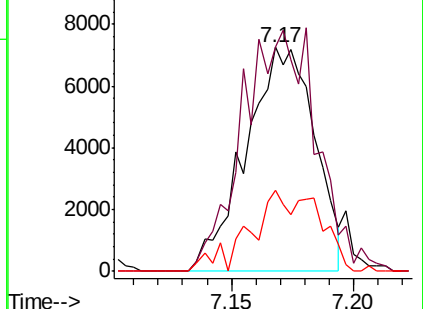
121 36.0 24.6 36.8



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



#36

Benzene

Concen: 0.204 ppbv

RT: 7.04 min Scan# 1277

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

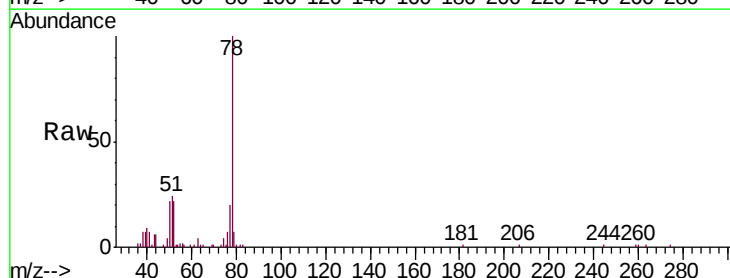
Tgt Ion: 78 Resp: 47377

Ion Ratio Lower Upper

78 100

77 19.8 18.4 27.6

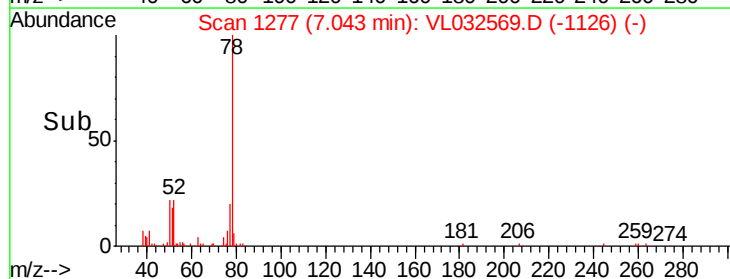
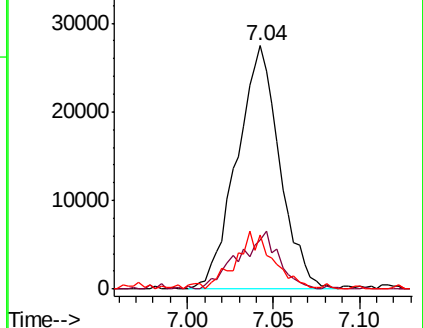
50 22.0 14.4 21.6#

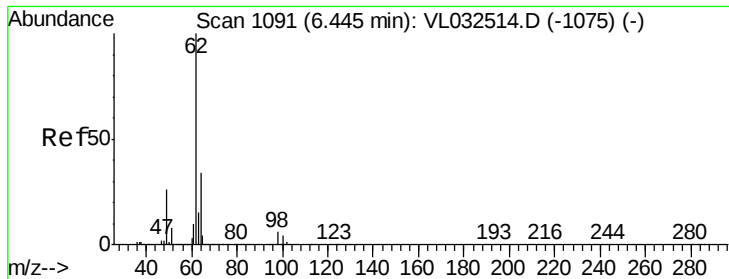


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 0.815 ppbv

RT: 6.44 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

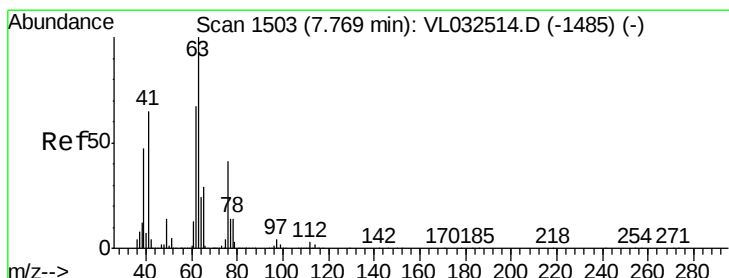
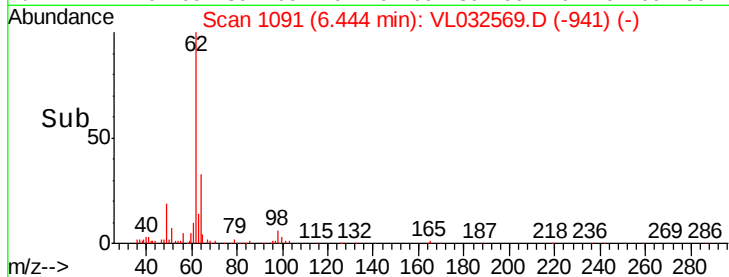
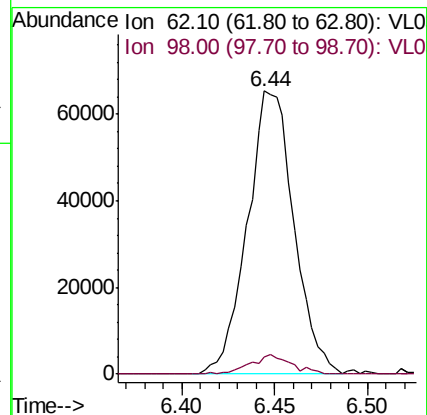
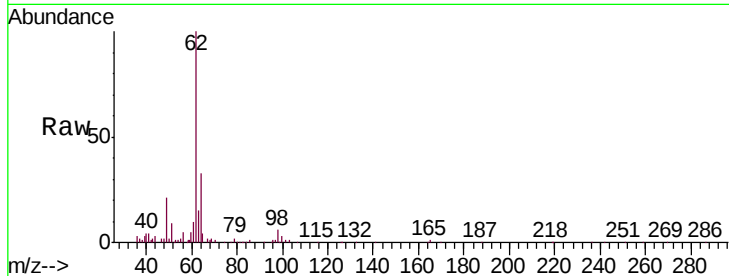
FIA-1

Tgt Ion: 62 Resp: 114006

Ion Ratio Lower Upper

62 100

98 6.1 5.0 7.6



#39

1,2-Dichloropropane

Concen: 7.435 ppbv

RT: 7.33 min Scan# 1366

Delta R.T. -0.46 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

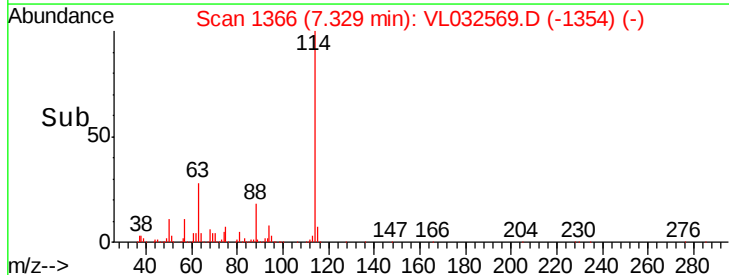
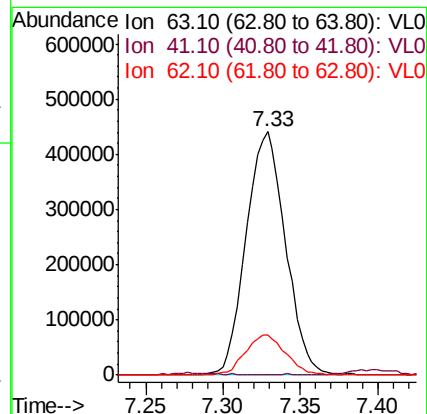
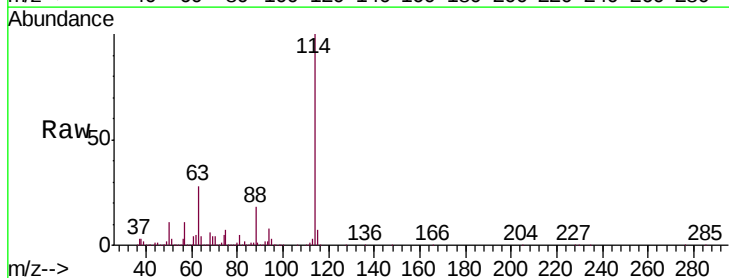
Tgt Ion: 63 Resp: 777847

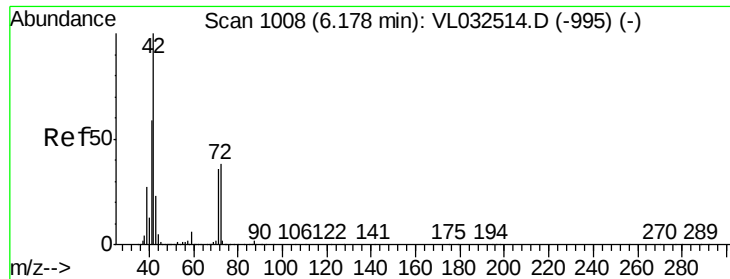
Ion Ratio Lower Upper

63 100

41 0.0 55.4 83.0#

62 16.3 55.4 83.0#





#41

Tetrahydrofuran

Concen: 0.039 ppbv

RT: 6.16 min Scan# 1003

Delta R.T. -0.03 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

FIA-1

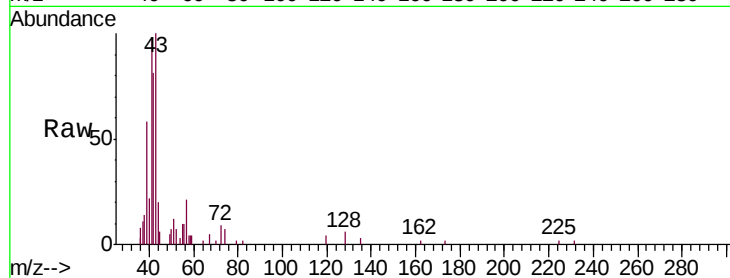
Tgt Ion: 42 Resp: 3585

Ion Ratio Lower Upper

42 100

72 0.0 29.5 44.3#

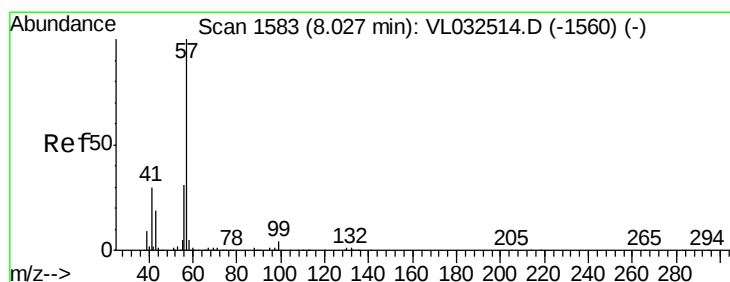
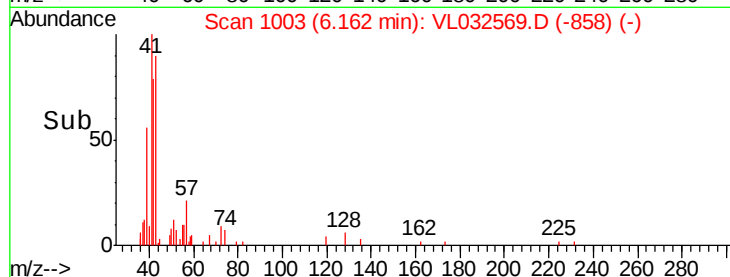
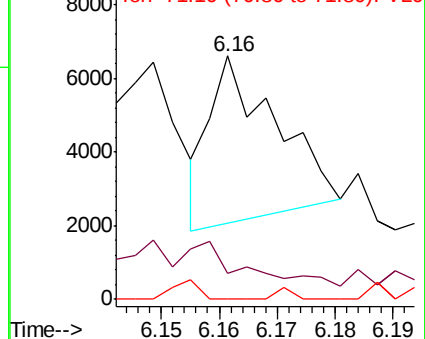
71 0.0 28.3 42.5#



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.083 ppbv

RT: 8.03 min Scan# 1583

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

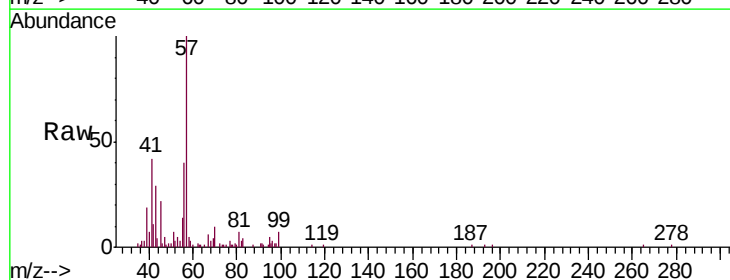
Tgt Ion: 57 Resp: 37712

Ion Ratio Lower Upper

57 100

41 81.4 24.4 36.6#

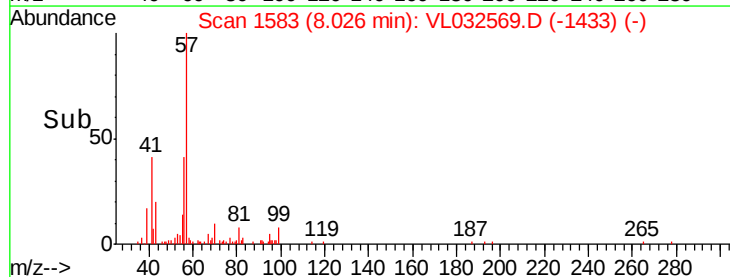
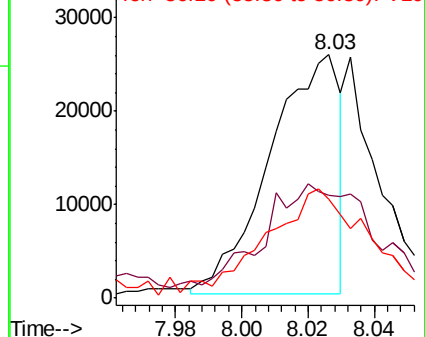
56 68.7 25.7 38.5#

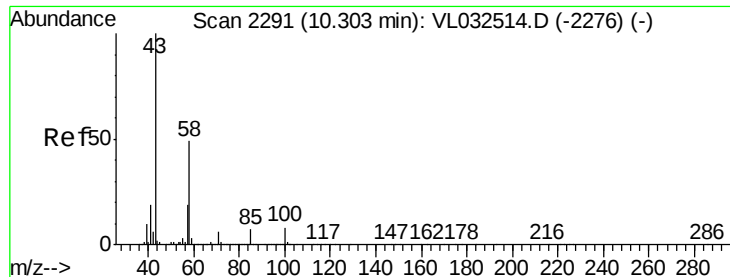


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#51

2-Hexanone

Concen: 0.060 ppbv

RT: 10.60 min Scan# 2384

Delta R.T. 0.27 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

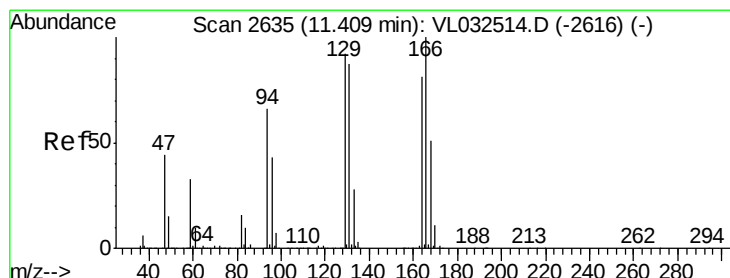
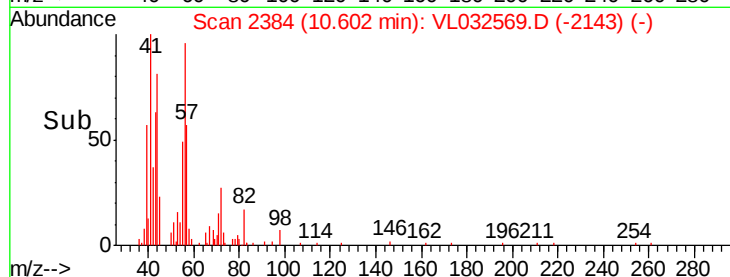
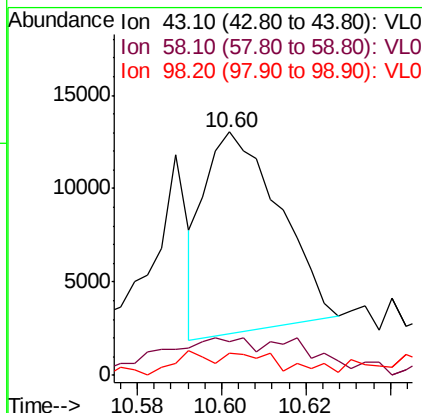
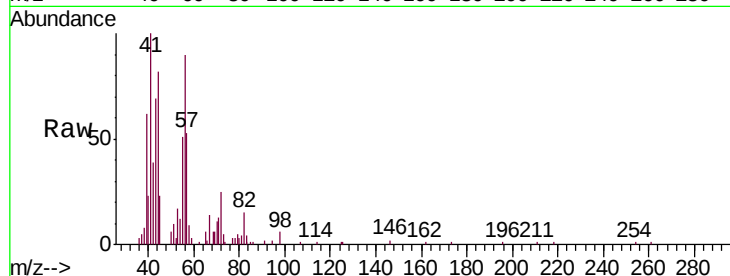
Instrument :

MSVOA_L

ClientSampleId :

FIA-1

Tgt Ion:	43	Resp:	13235
Ion	Ratio	Lower	Upper
43	100		
58	43.2	39.2	58.8
98	13.7	0.4	0.6#



#52

Tetrachloroethene

Concen: 0.095 ppbv

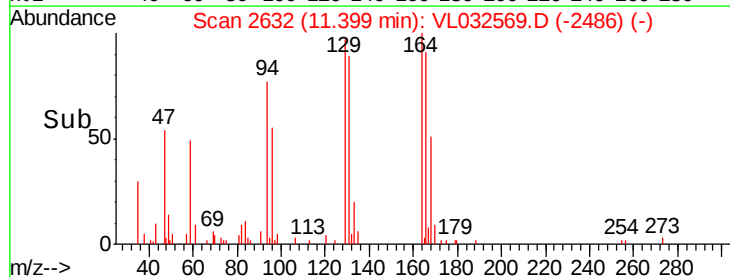
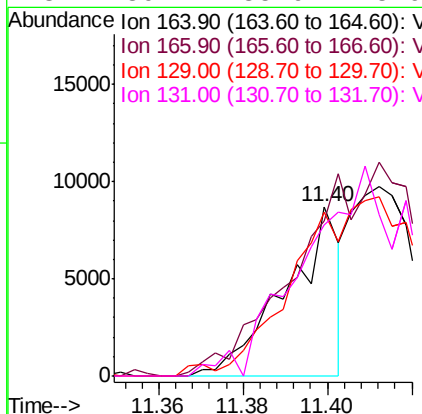
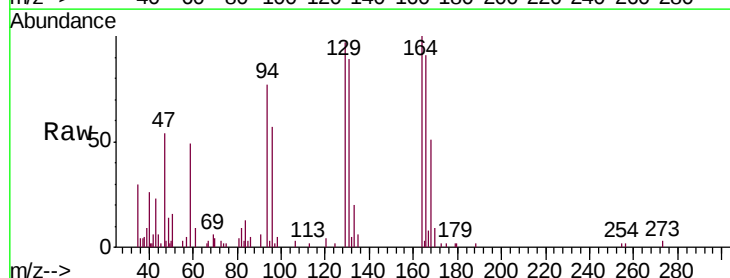
RT: 11.40 min Scan# 2632

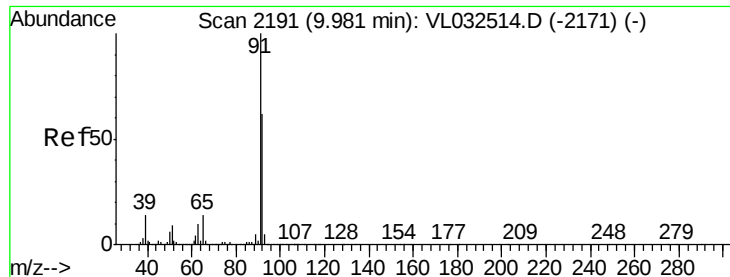
Delta R.T. -0.03 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Tgt Ion:	164	Resp:	7714
Ion	Ratio	Lower	Upper
164	100		
166	88.6	100.6	150.8#
129	90.6	89.9	134.9
131	89.4	85.9	128.9





#53

Toluene

Concen: 7.602 ppbv

RT: 9.98 min Scan# 2191

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

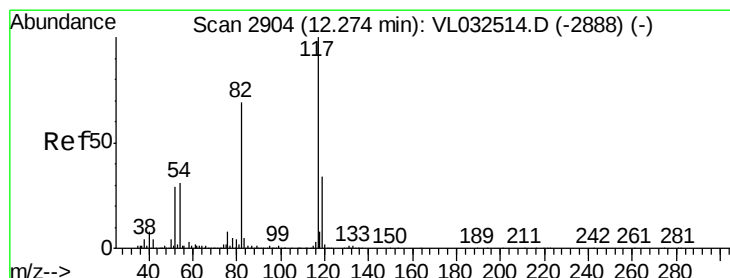
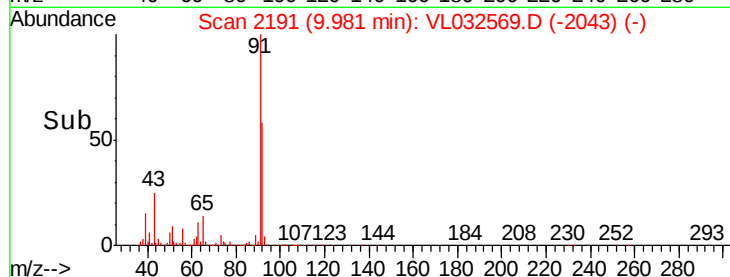
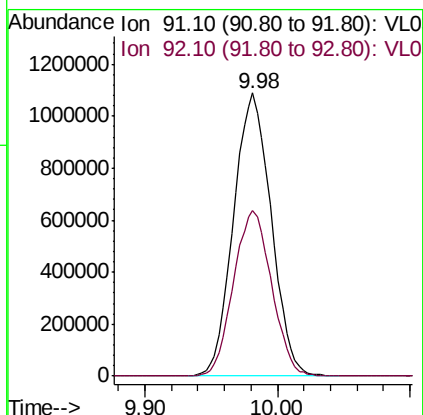
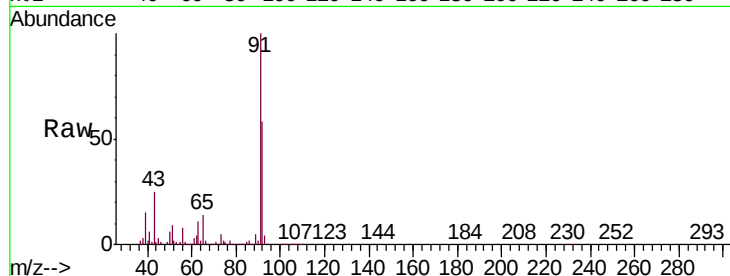
FIA-1

Tgt Ion: 91 Resp: 2150470

Ion Ratio Lower Upper

91 100

92 59.1 48.1 72.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.27 min Scan# 2904

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

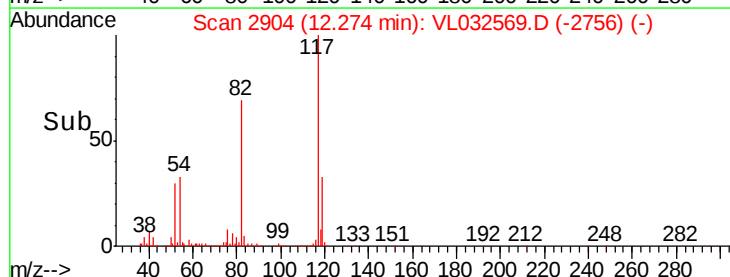
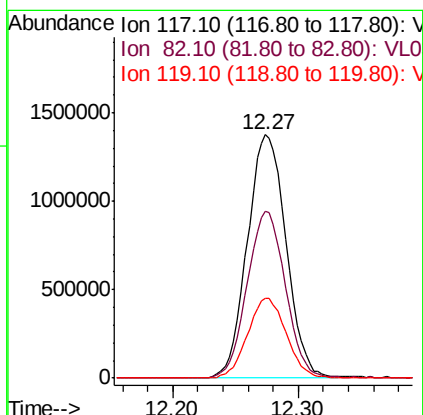
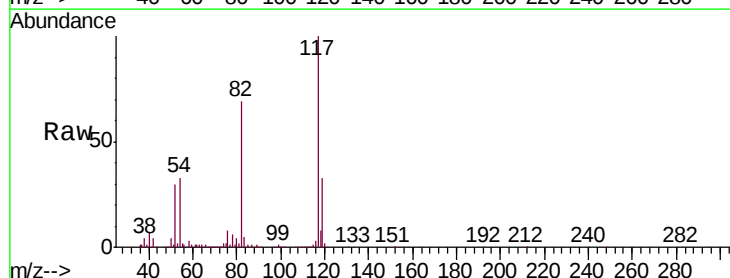
Tgt Ion: 117 Resp: 2959316

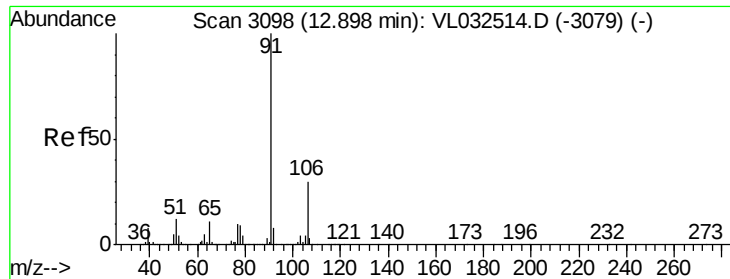
Ion Ratio Lower Upper

117 100

82 68.7 53.0 79.6

119 32.8 45.9 68.9#





#58

Ethyl Benzene

Concen: 0.036 ppbv

RT: 12.90 min Scan# 3099

Delta R.T. -0.02 min

Lab File: VL032569.D

Acq: 28 Sep 2018 4:04

Instrument :

MSVOA_L

ClientSampleId :

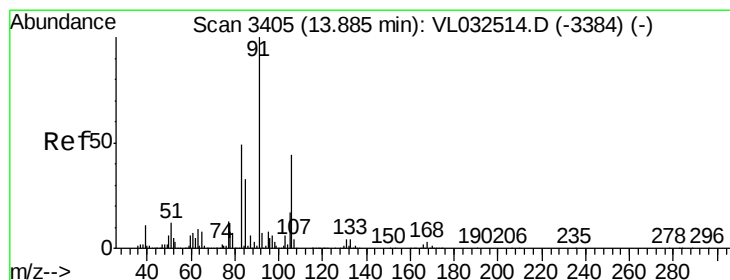
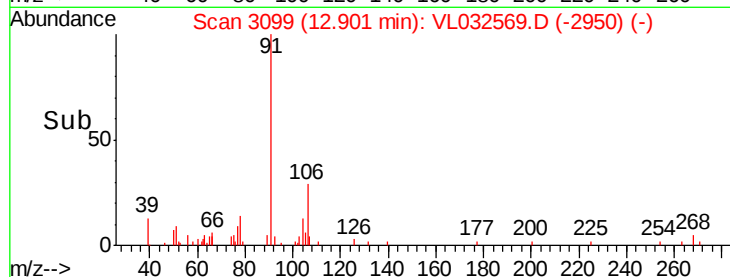
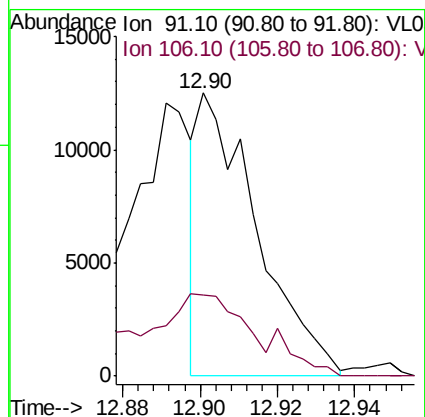
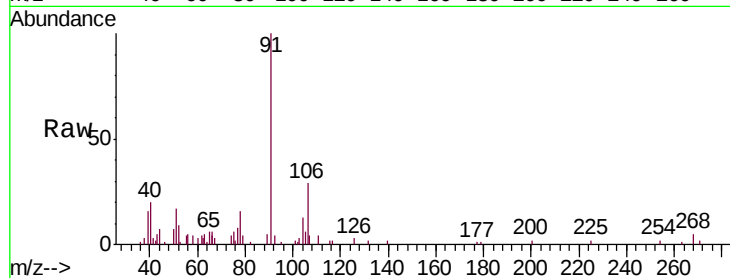
FIA-1

Tgt Ion: 91 Resp: 13064

Ion Ratio Lower Upper

91 100

106 33.2 24.8 37.2



#60

o-Xylene

Concen: 0.058 ppbv

RT: 13.88 min Scan# 3405

Delta R.T. -0.02 min

Lab File: VL032569.D

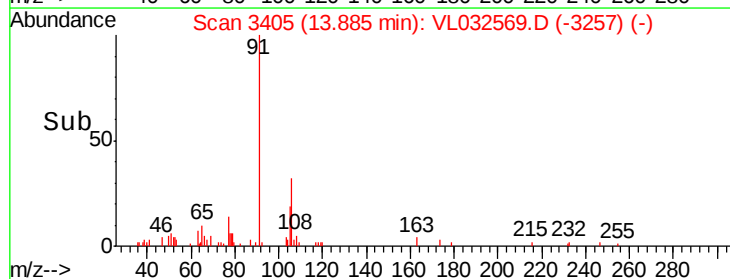
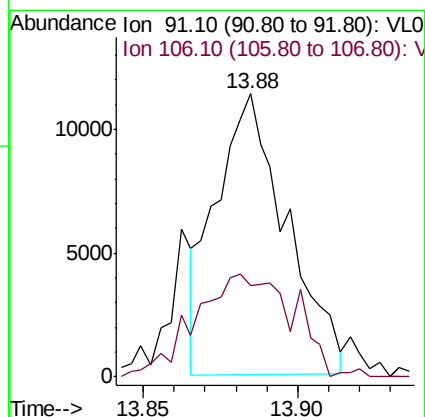
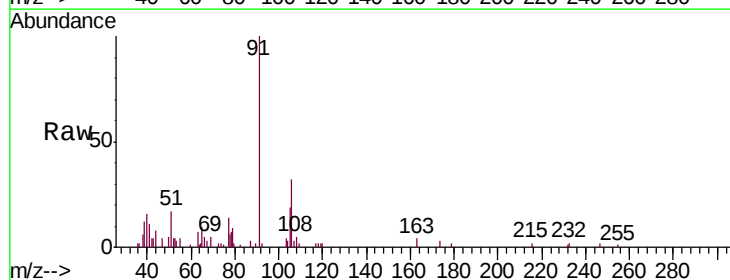
Acq: 28 Sep 2018 4:04

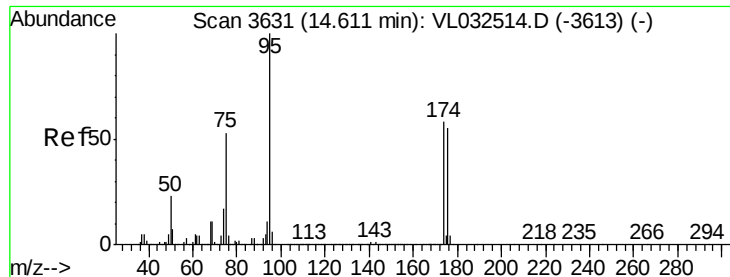
Tgt Ion: 91 Resp: 18035

Ion Ratio Lower Upper

91 100

106 51.3 21.9 65.7

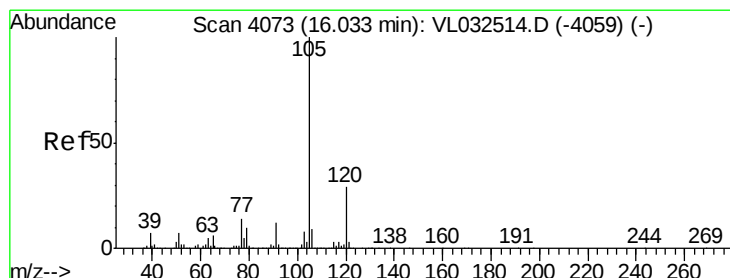
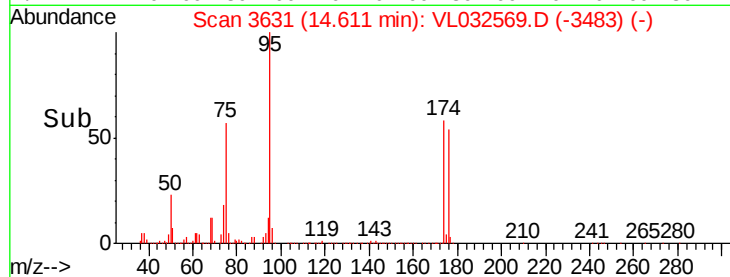
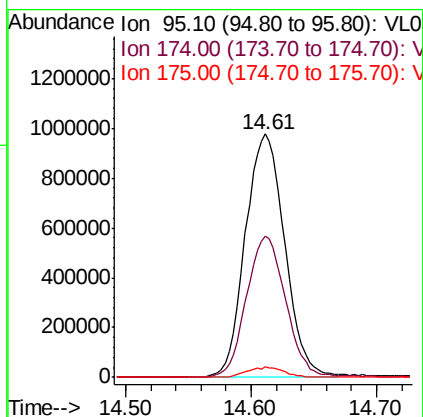
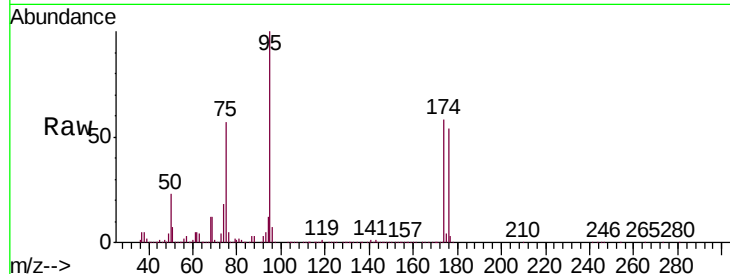




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.566 ppbv
 RT: 14.61 min Scan# 3631
 Delta R.T. -0.02 min
 Lab File: VL032569.D
 Acq: 28 Sep 2018 4:04

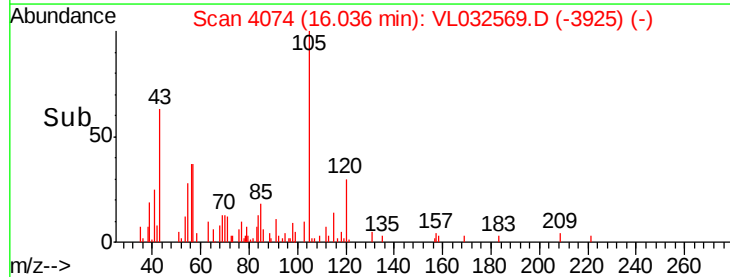
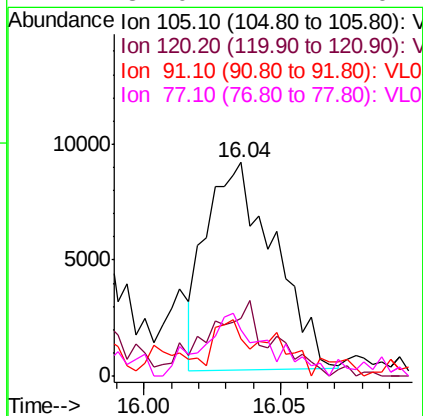
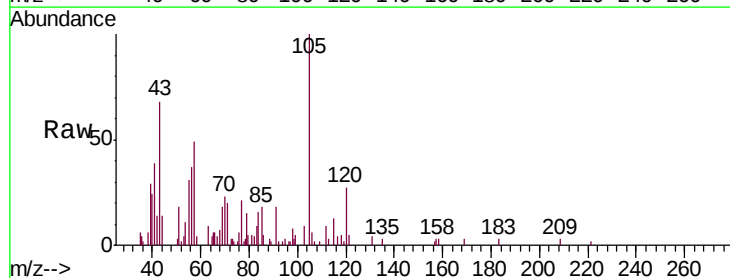
Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1

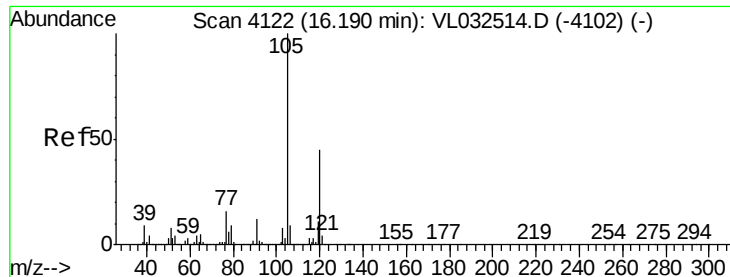
Tgt Ion: 95 Resp: 2134809
 Ion Ratio Lower Upper
 95 100
 174 58.6 46.3 69.5
 175 4.1 3.4 5.0



#72
 4-Ethyltoluene
 Concen: 0.046 ppbv
 RT: 16.04 min Scan# 4074
 Delta R.T. -0.02 min
 Lab File: VL032569.D
 Acq: 28 Sep 2018 4:04

Tgt Ion: 105 Resp: 15445
 Ion Ratio Lower Upper
 105 100
 120 35.1 23.5 35.3
 91 36.6 10.2 15.2#
 77 34.0 11.1 16.7#

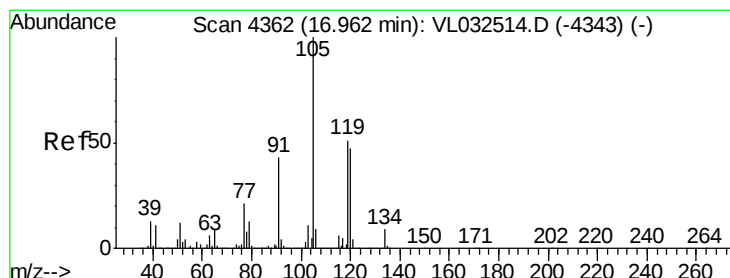
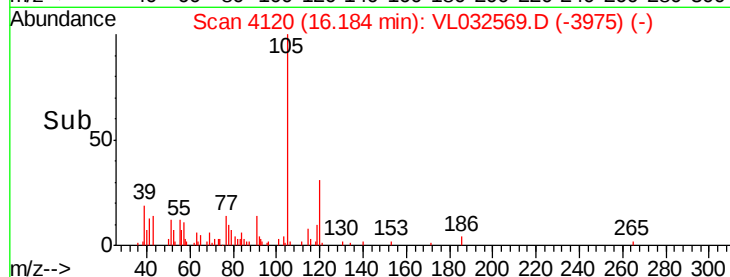
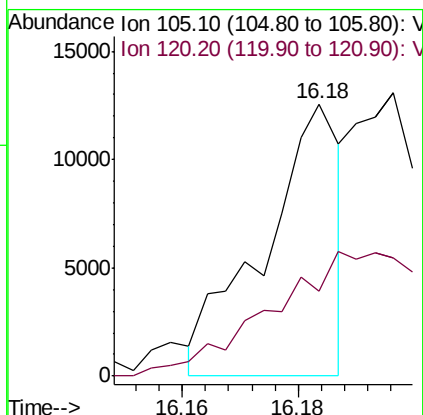
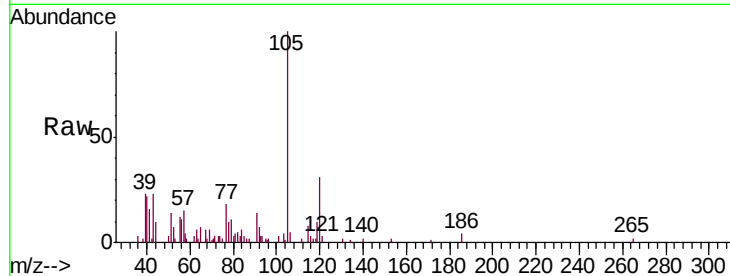




#73
 1,3,5-Trimethylbenzene
 Concen: 0.035 ppbv
 RT: 16.18 min Scan# 4120
 Delta R.T. -0.03 min
 Lab File: VL032569.D
 Acq: 28 Sep 2018 4:04

Instrument :
 MSVOA_L
 ClientSampleID :
 FIA-1

Tgt Ion:105 Resp: 11481
 Ion Ratio Lower Upper
 105 100
 120 28.9 37.9 56.9#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.284 ppbv
 RT: 16.96 min Scan# 4362
 Delta R.T. -0.02 min
 Lab File: VL032569.D
 Acq: 28 Sep 2018 4:04

Tgt Ion:105 Resp: 100142
 Ion Ratio Lower Upper
 105 100
 120 38.2 37.8 56.8
 91 11.7 41.4 62.0#
 77 15.2 18.6 28.0#

