

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032274.D
 Acq On : 18 Jul 2018 23:49
 Operator : SY/AP
 Sample : J3454-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 19 02:00:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18 14:38:53 2018
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1622245	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3564385	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4074401	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3213957	9.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

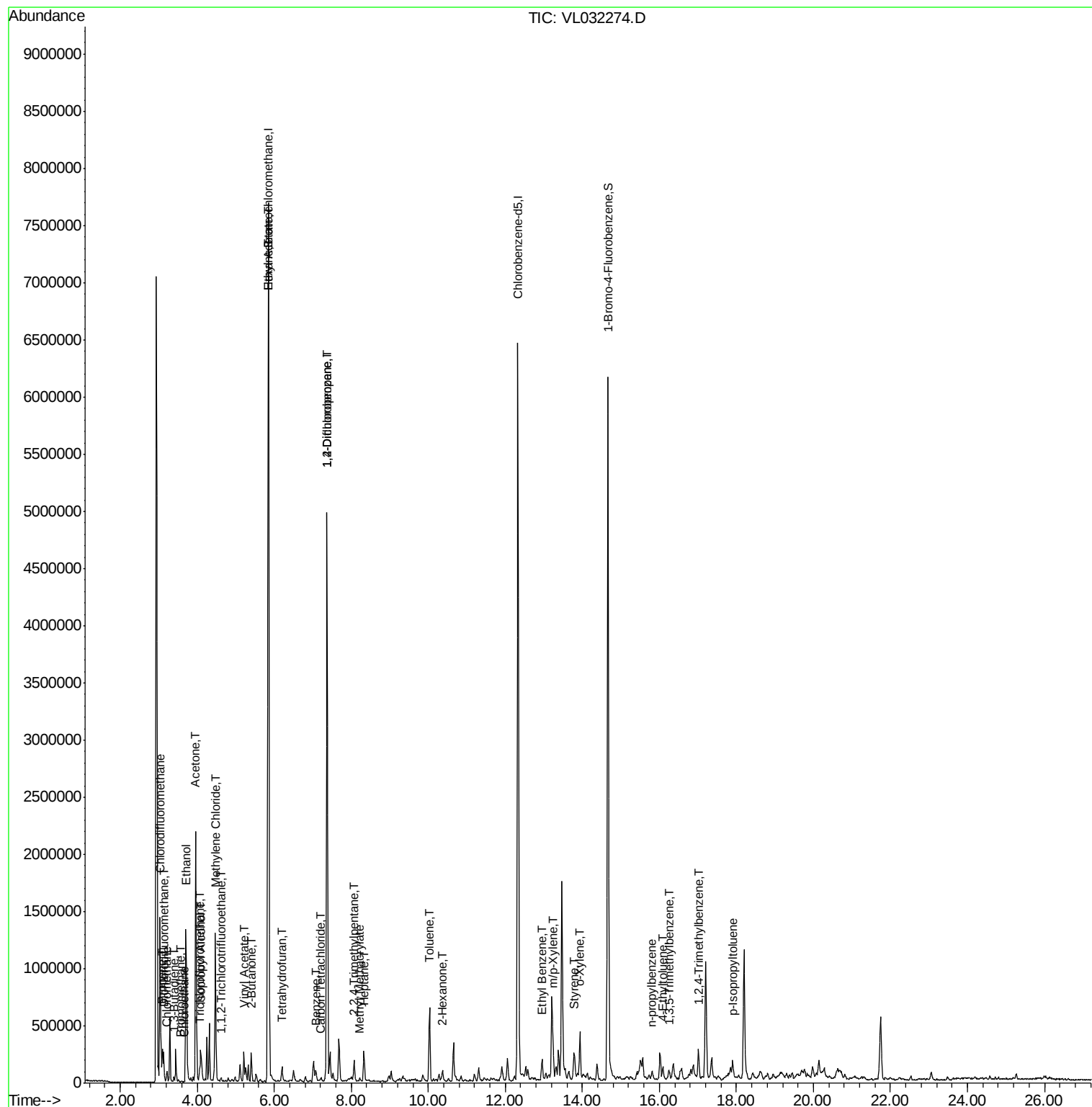
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	163612	0.593	ppbv	98
3) Chlorodifluoromethane	3.04	51	1125054	6.180	ppbv #	69
4) Chloromethane	3.23	50	67138	0.626	ppbv	99
6) Bromomethane	3.57	94	1407	0.025	ppbv	84
7) Chloroethane	3.66	64	1443	0.040	ppbv #	43
9) Propene	3.10	41	55473	0.697	ppbv #	79
10) Heptane	8.33	43	104715	0.414	ppbv	99
11) Trichlorofluoromethane	4.07	101	62838	0.291	ppbv #	79
12) 1,1,2-Trichlorotrifluoroet	4.61	101	4823	0.035	ppbv #	18
13) Ethanol	3.71	45	1536815	67.602	ppbv	98
15) Acetone	3.96	43	2232451	13.149	ppbv	98
16) 1,3-Butadiene	3.39	39	12652	0.146	ppbv #	32
19) Isopropyl Alcohol	4.10	45	332643	2.897	ppbv #	1
20) Methylene Chloride	4.48	84	446370	6.829	ppbv	96
23) Vinyl Acetate	5.22	43	206152	0.677	ppbv #	87
25) Ethyl Acetate	5.86	43	2073013	5.605	ppbv #	78
26) Hexane	5.86	57	2820952	16.609	ppbv #	44
34) 2-Butanone	5.41	43	275698	1.127	ppbv	98
35) Carbon Tetrachloride	7.21	117	18746	0.076	ppbv #	75
36) Benzene	7.09	78	67294	0.192	ppbv	95
39) 1,2-Dichloropropane	7.38	63	999824	7.198	ppbv #	26
41) Tetrahydrofuran	6.20	42	28632	0.201	ppbv #	59
43) Methyl Methacrylate	8.22	69	7141	0.050	ppbv #	3
44) 2,2,4-Trimethylpentane	8.08	57	120686	0.197	ppbv #	76
51) 2-Hexanone	10.36	43	30225	0.099	ppbv #	28
53) Toluene	10.04	91	426429	1.003	ppbv	99
58) Ethyl Benzene	12.96	91	53099	0.092	ppbv	99
59) m/p-Xylene	13.24	91	106542	0.218	ppbv #	31
60) o-Xylene	13.94	91	311685	0.639	ppbv	99
61) Styrene	13.77	104	69734	0.193	ppbv #	87
64) n-propylbenzene	15.80	120	5015	0.028	ppbv #	1
69) p-Isopropyltoluene	17.90	119	29104	0.042	ppbv #	1
72) 4-Ethyltoluene	16.09	105	37274	0.066	ppbv #	62
73) 1,3,5-Trimethylbenzene	16.25	105	33233	0.060	ppbv	90
74) 1,2,4-Trimethylbenzene	17.02	105	160569	0.278	ppbv #	74

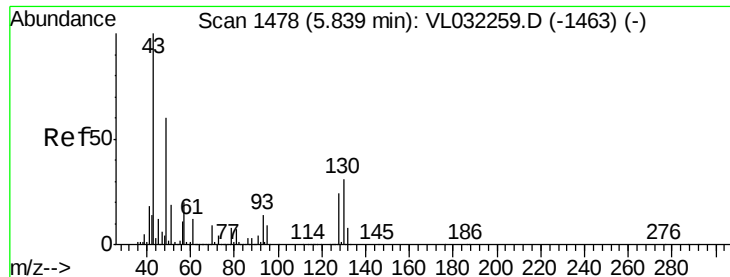
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

ClientSampleId :

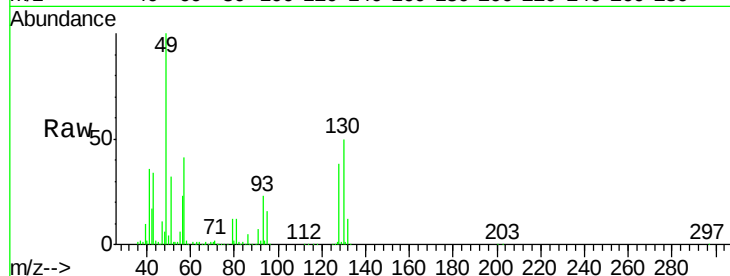
Tot Ion: 49 Resp: 1622245

Ion Ratio Lower Upper

49 100

128 39.6 20.1 60.2

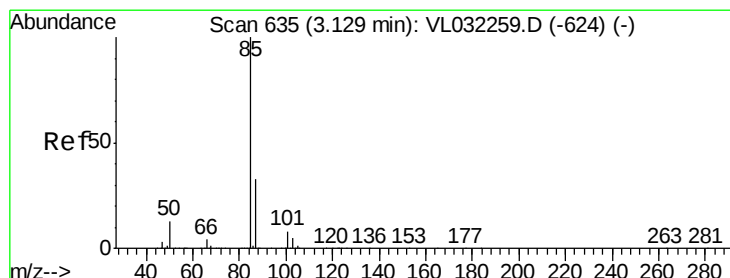
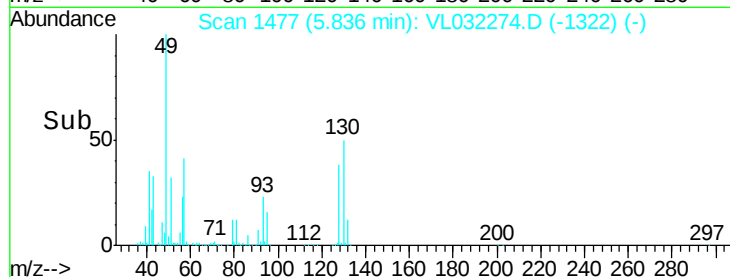
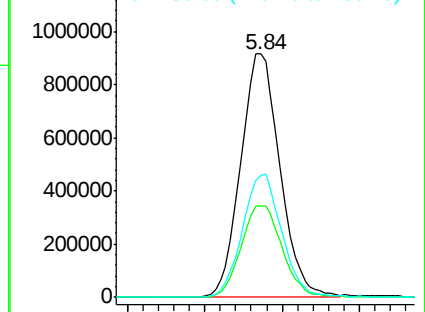
130 51.3 25.9 77.6



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.593 ppbv

RT: 3.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: VL032274.D

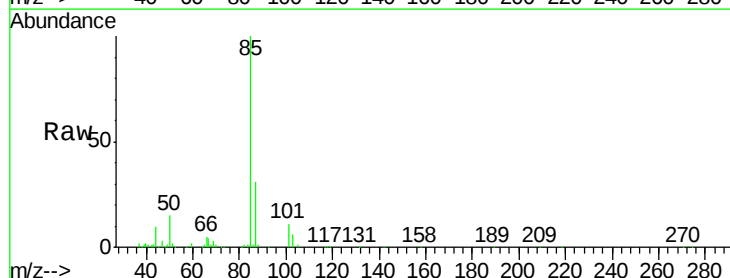
Acq: 18 Jul 2018 23:49

Tgt Ion: 85 Resp: 163612

Ion Ratio Lower Upper

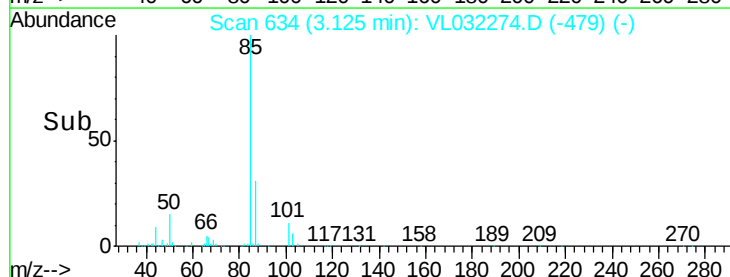
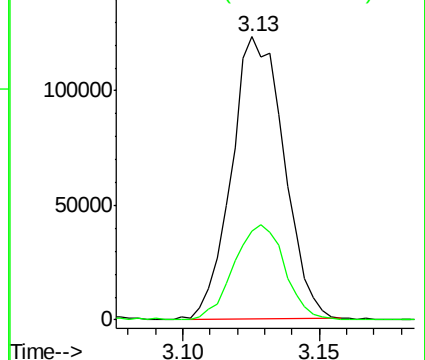
85 100

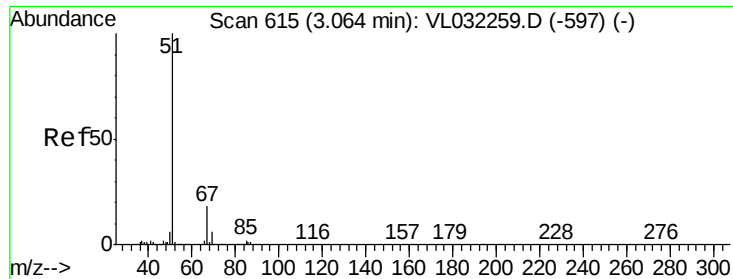
87 31.5 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 6.180 ppbv

RT: 3.04 min Scan# 607

Delta R.T. -0.03 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

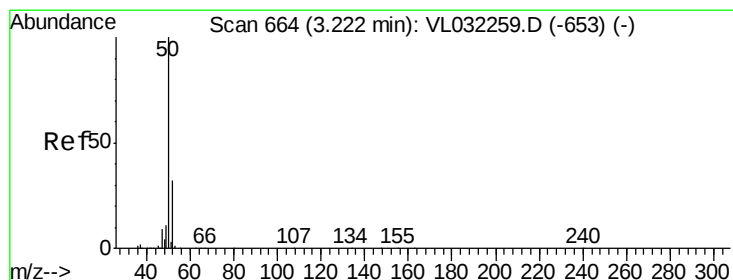
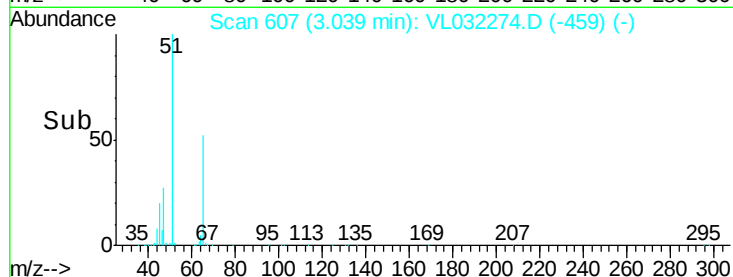
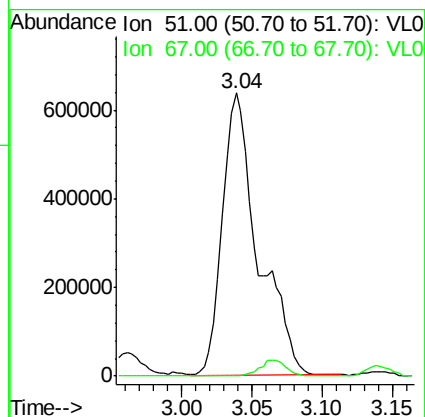
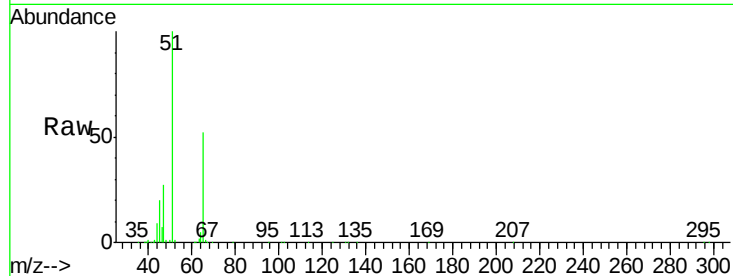
ClientSampleId :

Tot Ion: 51 Resp: 1125054

Ion Ratio Lower Upper

51 100

67 4.3 14.2 21.4#



#4

Chloromethane

Concen: 0.626 ppbv

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VL032274.D

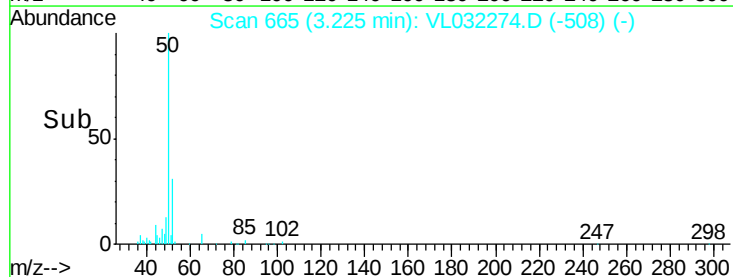
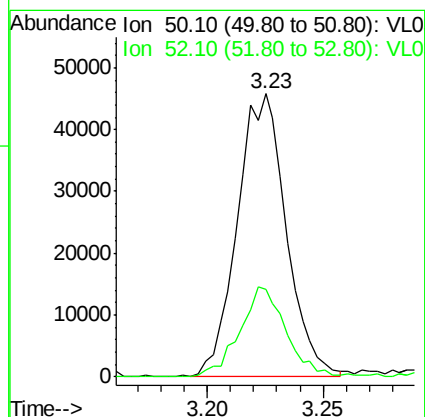
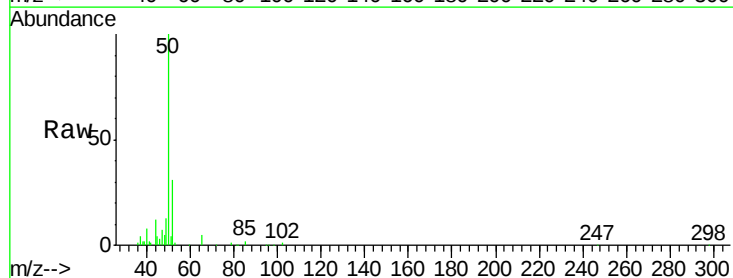
Acq: 18 Jul 2018 23:49

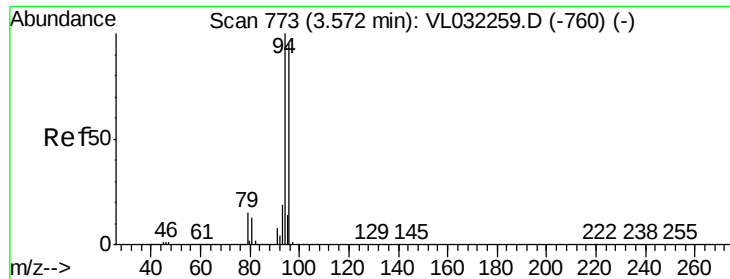
Tgt Ion: 50 Resp: 67138

Ion Ratio Lower Upper

50 100

52 31.3 25.3 37.9





#6

Bromomethane

Concen: 0.025 ppbv

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

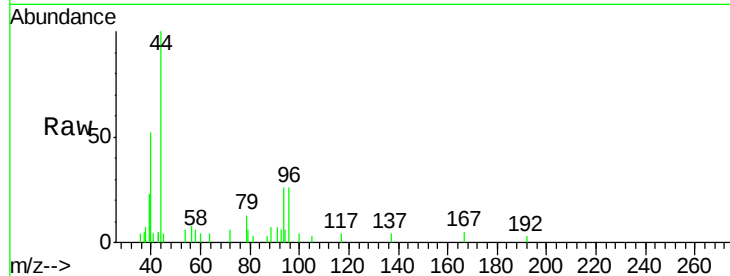
ClientSampleId :

Tot Ion: 94 Resp: 1407

Ion Ratio Lower Upper

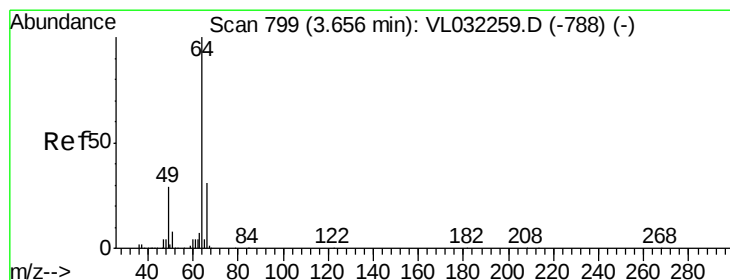
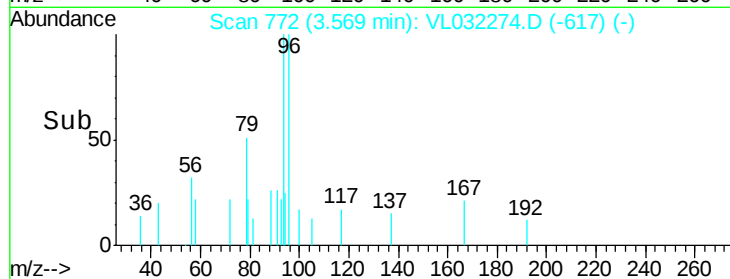
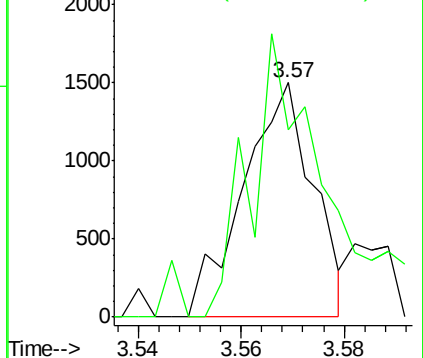
94 100

96 79.9 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0



#7

Chloroethane

Concen: 0.040 ppbv

RT: 3.66 min Scan# 801

Delta R.T. 0.01 min

Lab File: VL032274.D

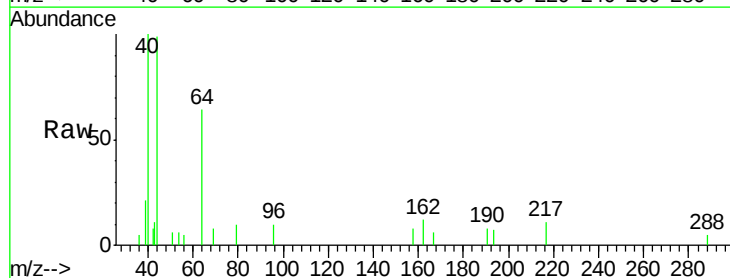
Acq: 18 Jul 2018 23:49

Tgt Ion: 64 Resp: 1443

Ion Ratio Lower Upper

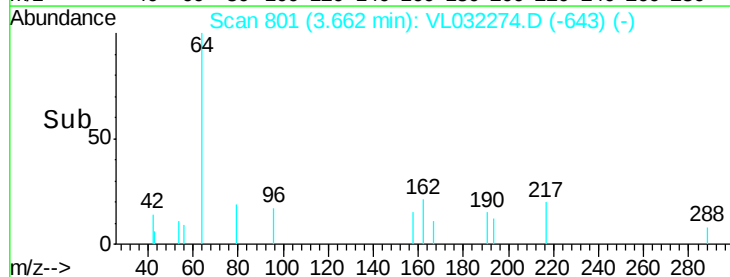
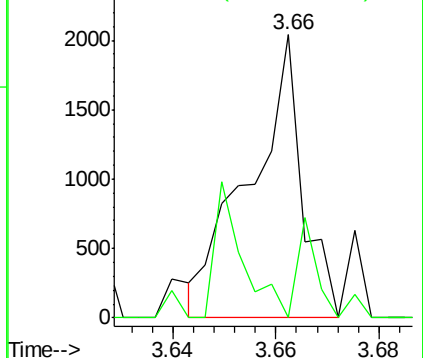
64 100

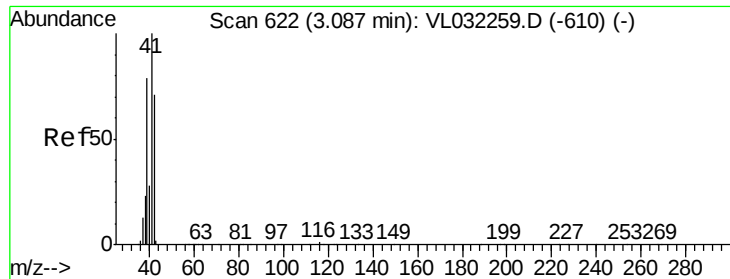
66 0.0 25.0 37.4#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 0.697 ppbv

RT: 3.10 min Scan# 626

Delta R.T. 0.01 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

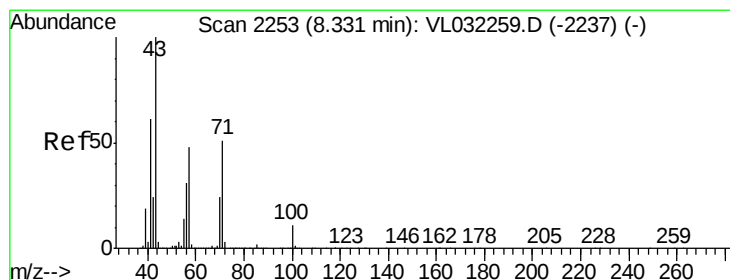
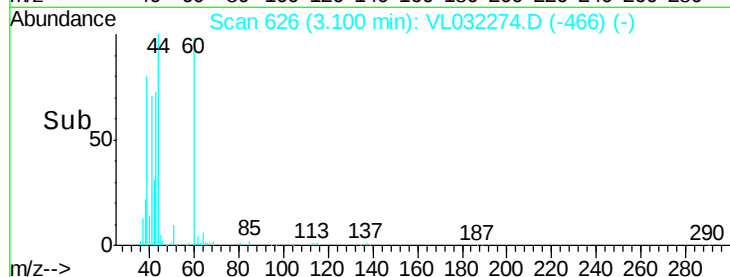
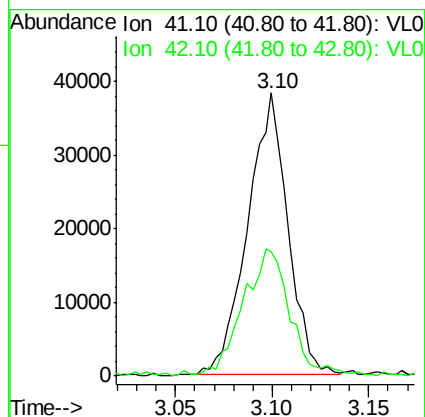
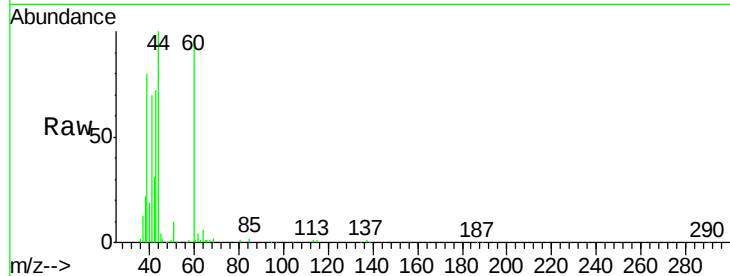
ClientSampleId :

Tot Ion: 41 Resp: 55473

Ion Ratio Lower Upper

41 100

42 53.4 56.2 84.4#



#10

Heptane

Concen: 0.414 ppbv

RT: 8.33 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VL032274.D

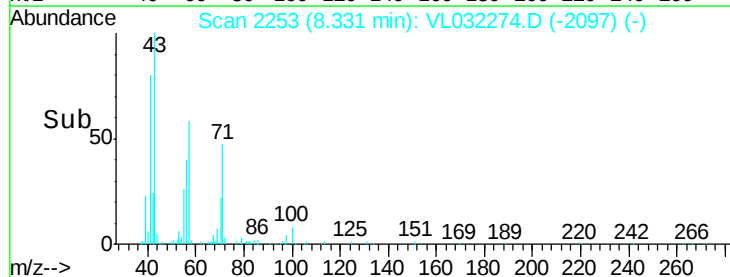
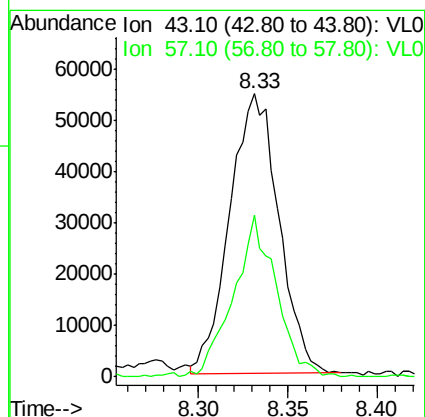
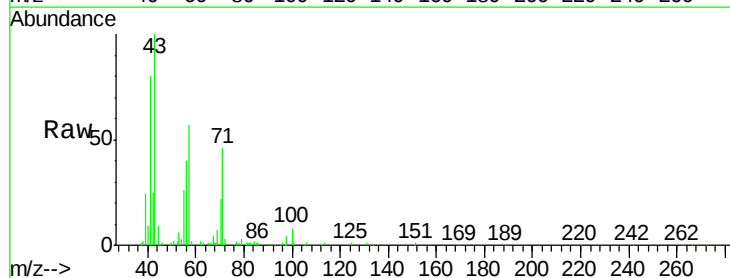
Acq: 18 Jul 2018 23:49

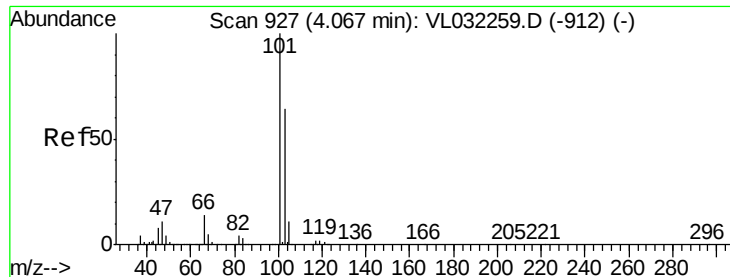
Tgt Ion: 43 Resp: 104715

Ion Ratio Lower Upper

43 100

57 50.7 39.9 59.9





#11

Trichlorofluoromethane

Concen: 0.291 ppbv

RT: 4.07 min Scan# 927

Delta R.T. 0.00 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

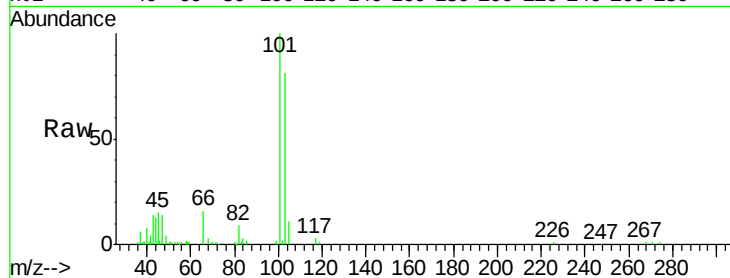
ClientSampleId :

Tot Ion:101 Resp: 62838

Ion Ratio Lower Upper

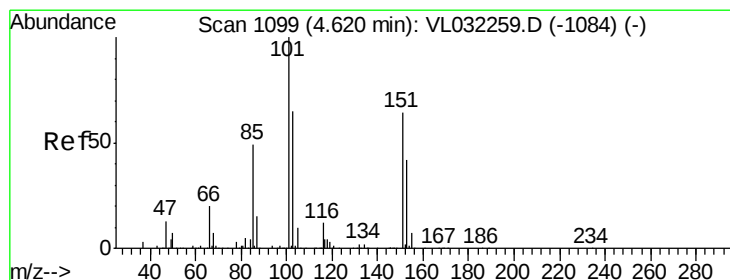
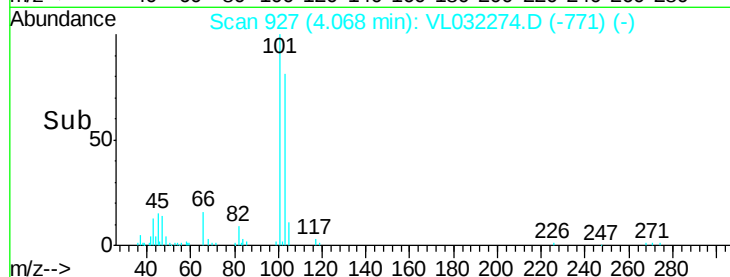
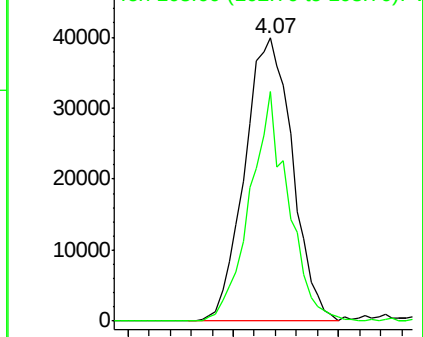
101 100

103 80.9 51.5 77.3#



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: 0.035 ppbv

RT: 4.61 min Scan# 1097

Delta R.T. -0.01 min

Lab File: VL032274.D

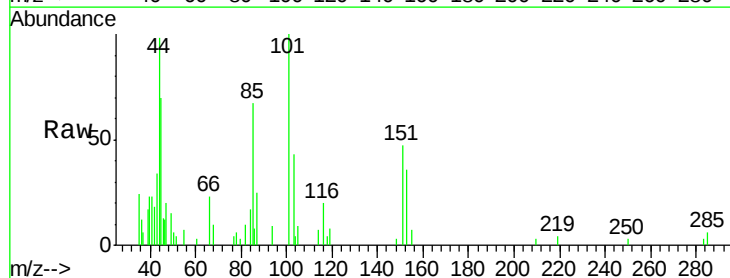
Acq: 18 Jul 2018 23:49

Tgt Ion:101 Resp: 4823

Ion Ratio Lower Upper

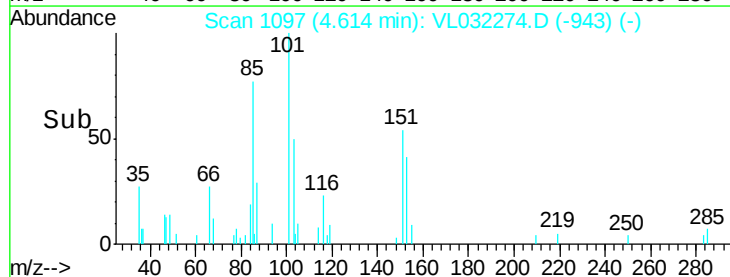
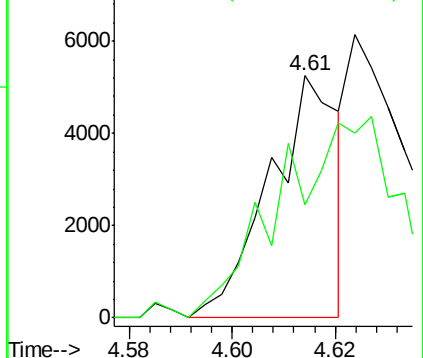
101 100

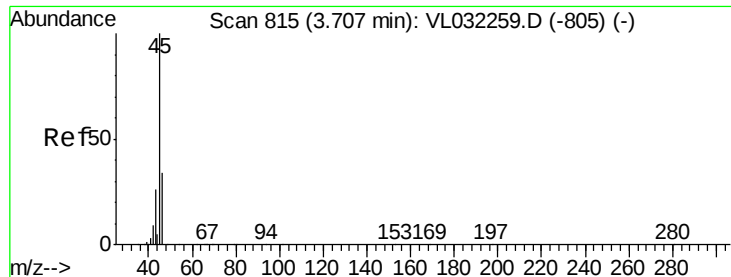
151 0.0 51.3 76.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

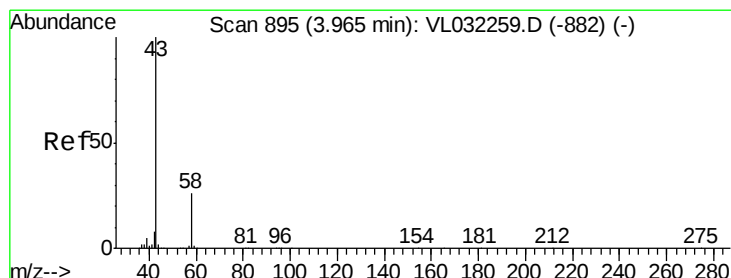
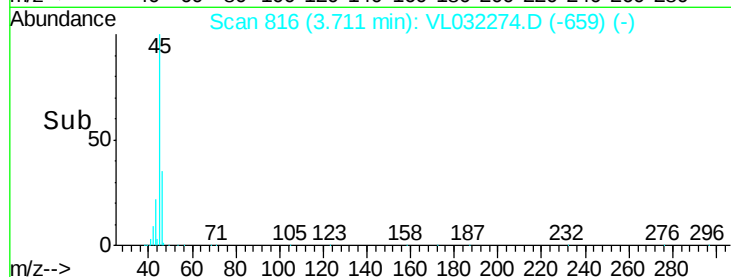
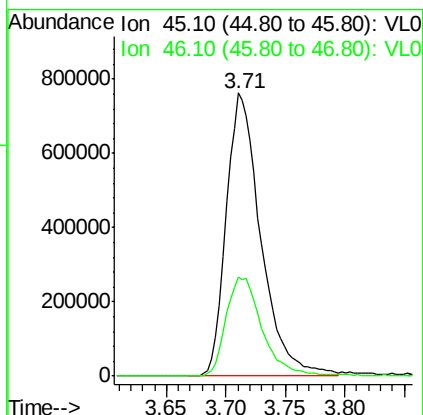
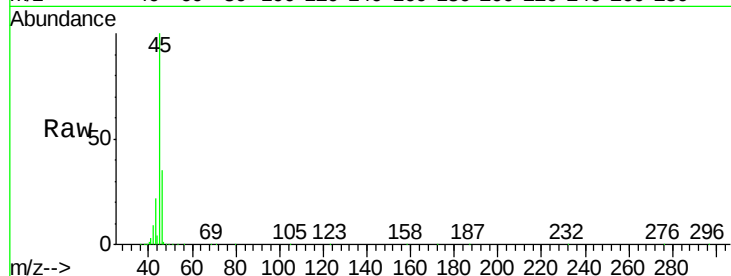




#13
Ethanol
Concen: 67.602 ppbv
RT: 3.71 min Scan# 816
Delta R.T. 0.00 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

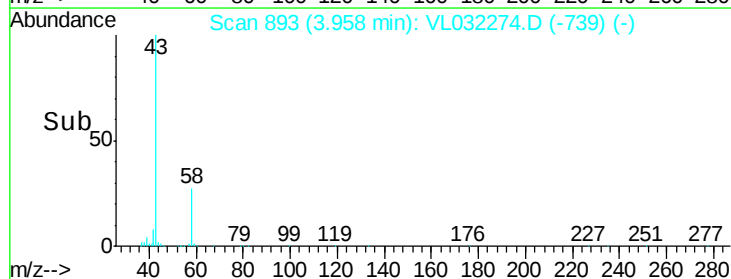
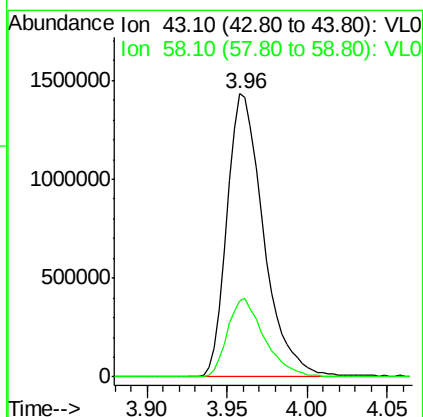
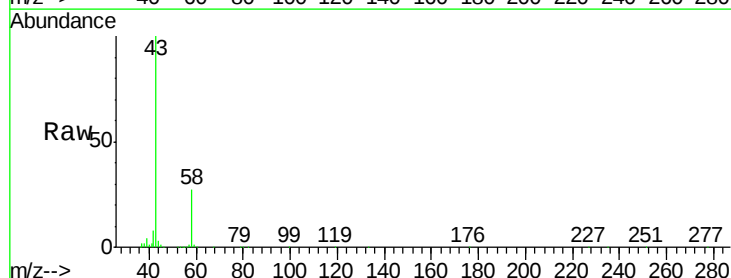
Instrument :
MSVOA_L
ClientSampleId :

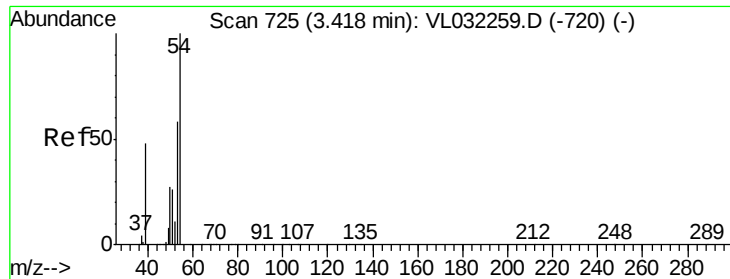
Tot Ion: 45 Resp: 1536815
Ion Ratio Lower Upper
45 100
46 36.6 15.2 60.8



#15
Acetone
Concen: 13.149 ppbv
RT: 3.96 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

Tgt Ion: 43 Resp: 2232451
Ion Ratio Lower Upper
43 100
58 28.1 21.8 32.6

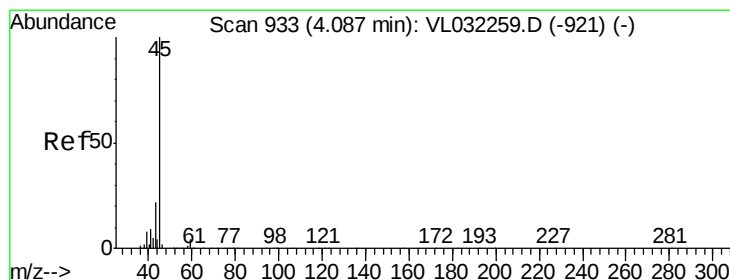
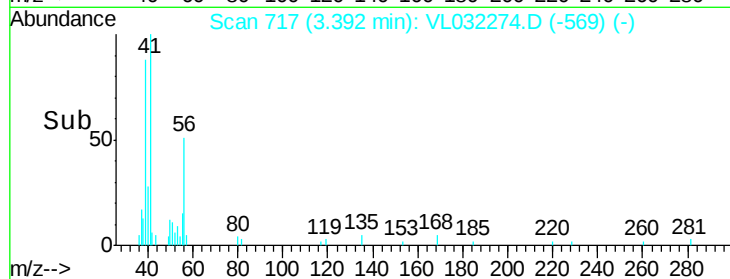
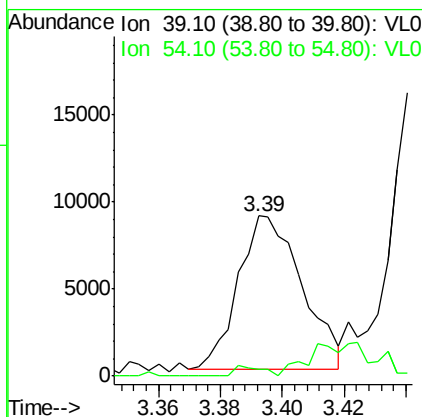
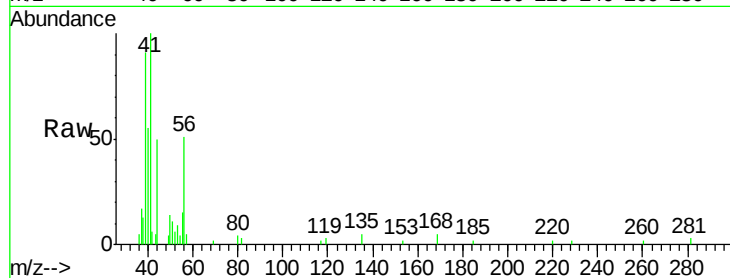




#16
 1,3-Butadiene
 Concen: 0.146 ppbv
 RT: 3.39 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: VL032274.D
 Acq: 18 Jul 2018 23:49

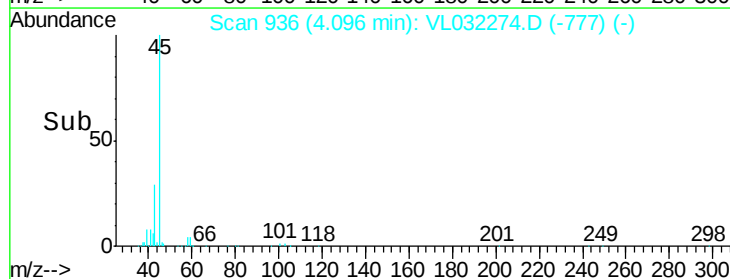
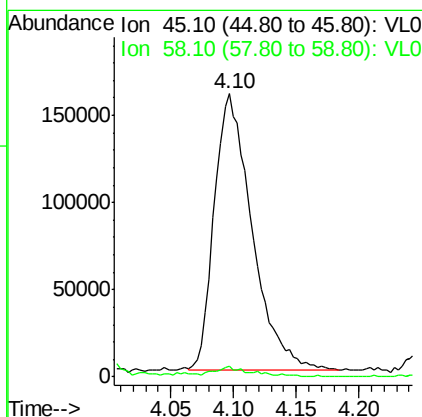
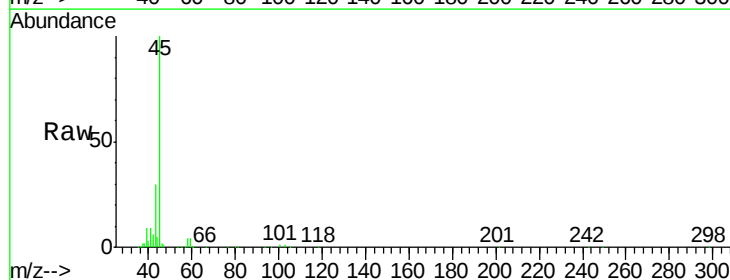
Instrument :
 MSVOA_L
 ClientSampleId :

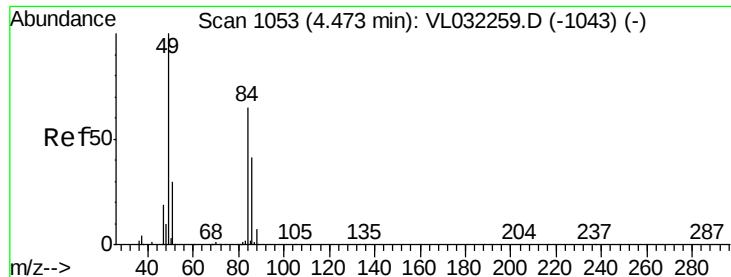
Tot Ion: 39 Resp: 12652
 Ion Ratio Lower Upper
 39 100
 54 24.5 70.6 105.8#



#19
 Isopropyl Alcohol
 Concen: 2.897 ppbv
 RT: 4.10 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VL032274.D
 Acq: 18 Jul 2018 23:49

Tgt Ion: 45 Resp: 332643
 Ion Ratio Lower Upper
 45 100
 58 189.1 1.5 2.3#

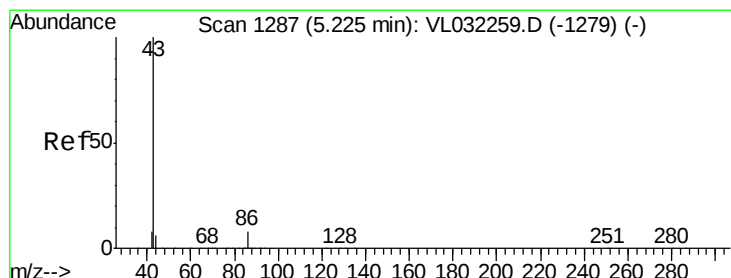
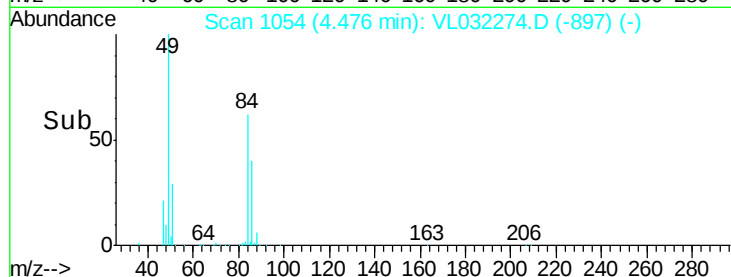
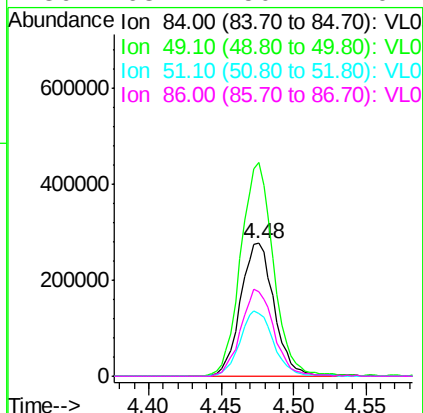
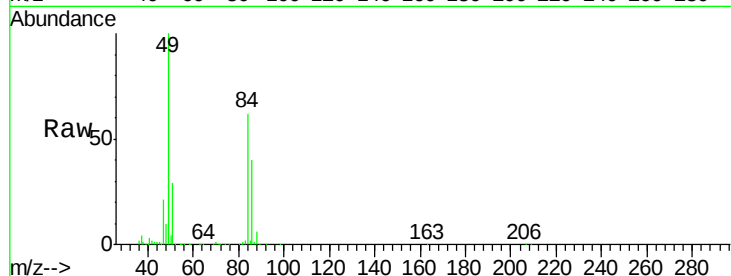




#20
Methvlene Chloride
Concen: 6.829 ppbv
RT: 4.48 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

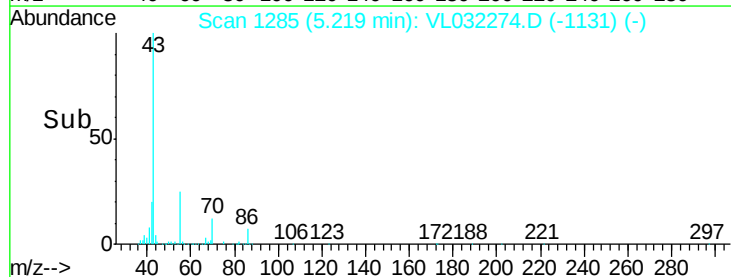
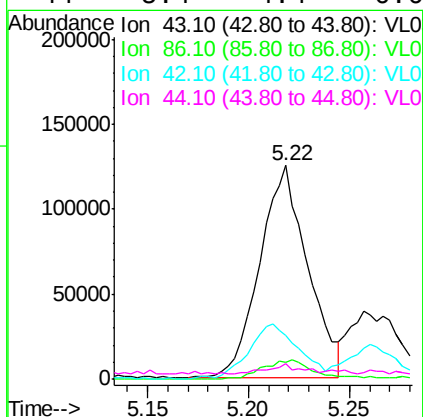
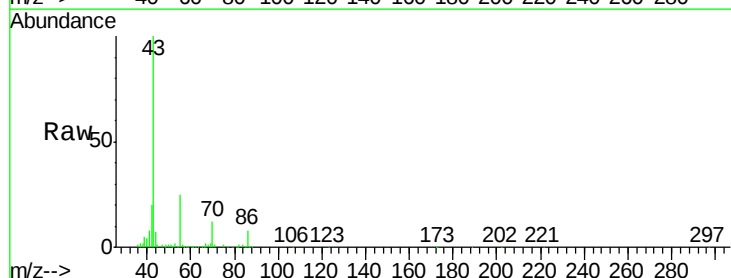
Instrument :
MSVOA_L
ClientSampleId :

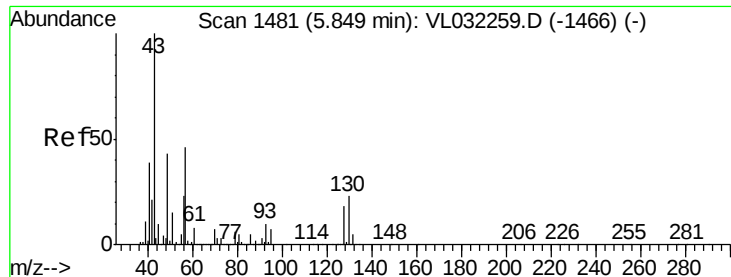
Tot Ion:	84	Resp:	446370
Ion	Ratio	Lower	Upper
84	100		
49	160.8	122.4	183.6
51	47.2	36.8	55.2
86	63.7	50.7	76.1



#23
Vinyl Acetate
Concen: 0.677 ppbv
RT: 5.22 min Scan# 1285
Delta R.T. -0.01 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

Tgt Ion:	43	Resp:	206152
Ion	Ratio	Lower	Upper
43	100		
86	7.8	5.9	8.9
42	20.3	7.3	10.9
44	5.4	4.4	6.6





#25

Ethyl Acetate

Concen: 5.605 ppbv

RT: 5.86 min Scan# 1483

Delta R.T. 0.01 min

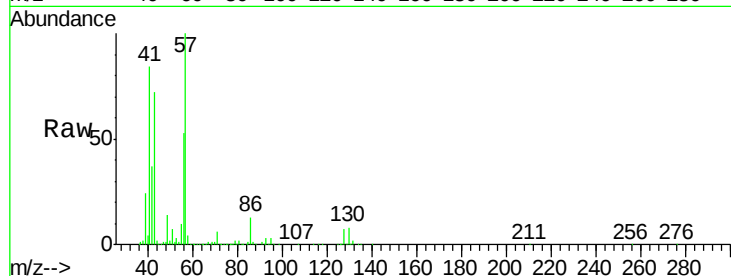
Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2073013

Ion	Ratio	Lower	Upper
43	100		
45	1.0	7.9	11.9#
61	0.6	7.6	11.4#
70	1.6	5.8	8.8#



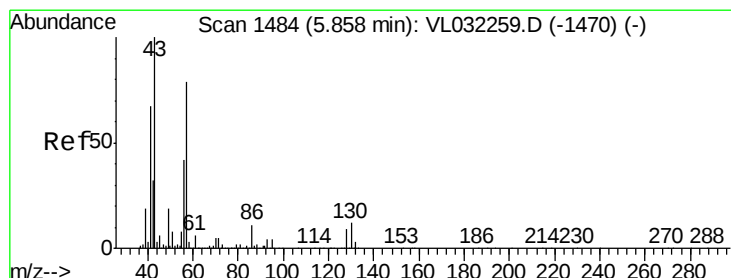
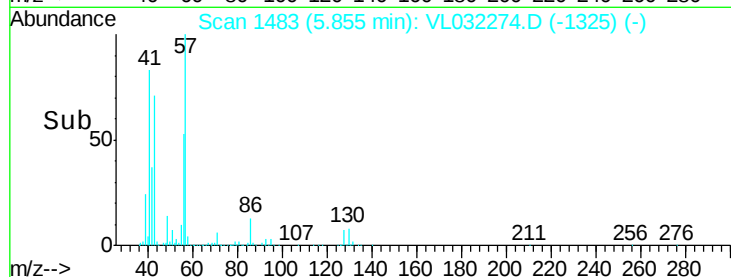
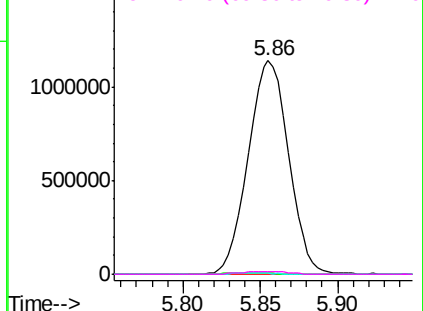
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 16.609 ppbv

RT: 5.86 min Scan# 1483

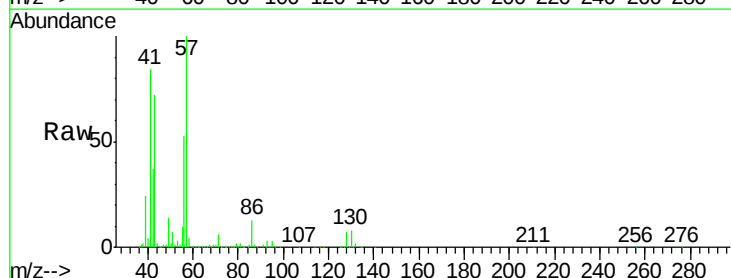
Delta R.T. -0.00 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Tgt Ion: 57 Resp: 2820952

Ion	Ratio	Lower	Upper
57	100		
41	85.5	67.9	101.9
43	73.8	175.9	263.9#
56	53.1	41.9	62.9



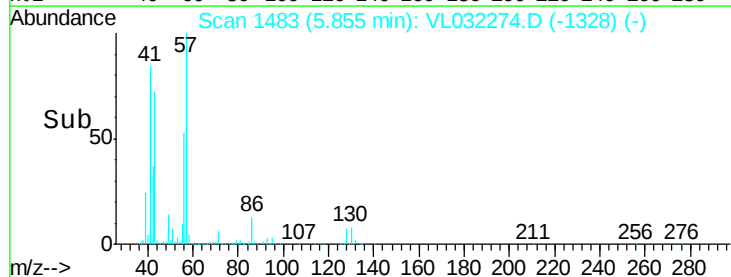
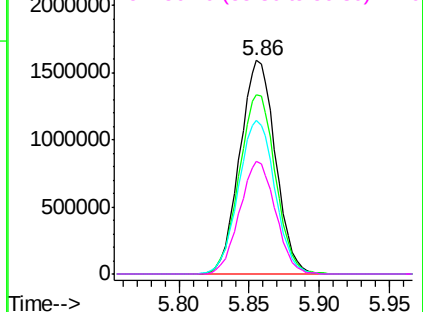
Abundance

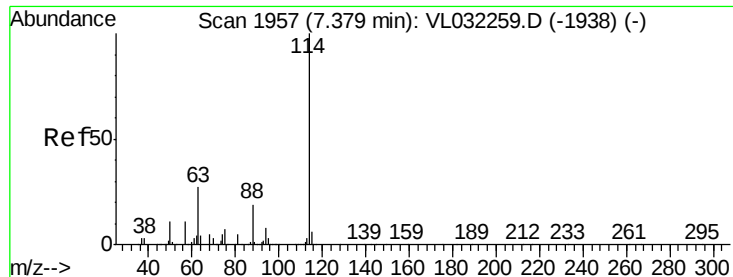
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.37 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

ClientSampleId :

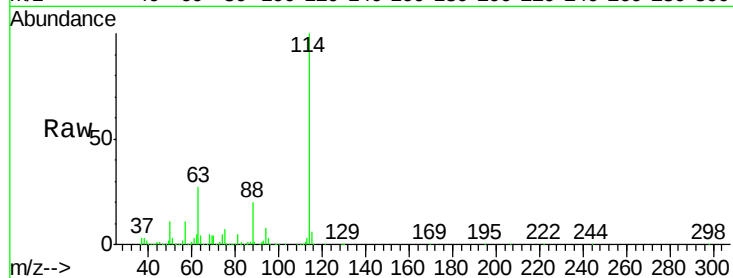
Tot Ion:114 Resp: 3564385

Ion Ratio Lower Upper

114 100

63 28.2 22.6 33.8

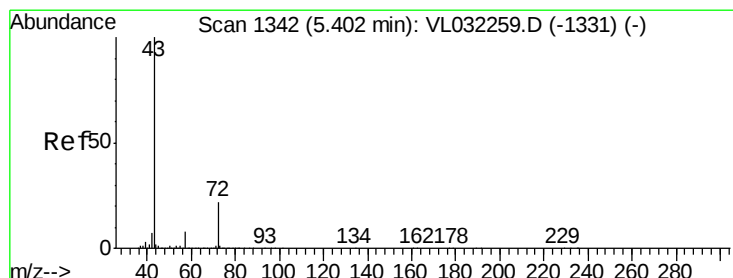
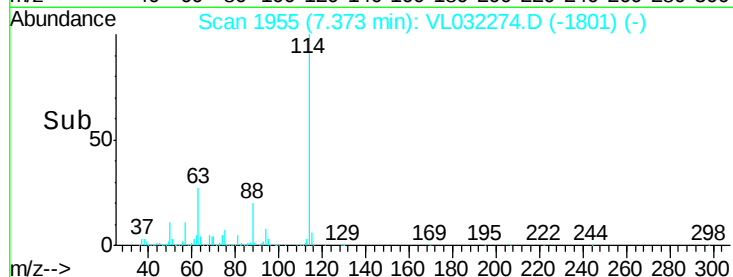
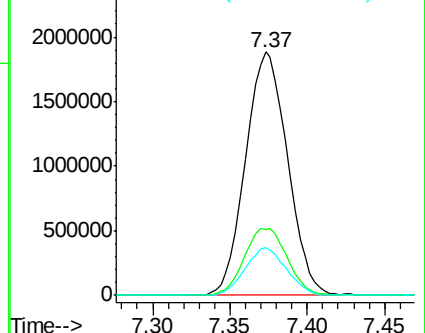
88 19.2 15.2 22.8



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: 1.127 ppbv

RT: 5.41 min Scan# 1343

Delta R.T. 0.00 min

Lab File: VL032274.D

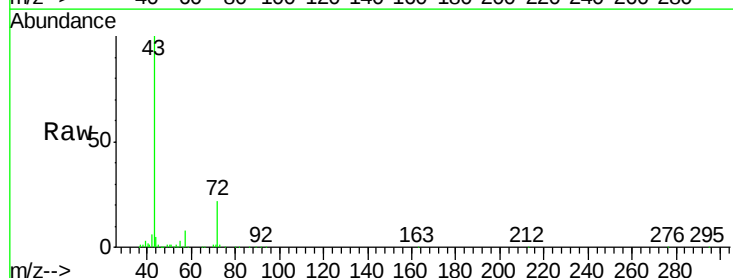
Acq: 18 Jul 2018 23:49

Tgt Ion: 43 Resp: 275698

Ion Ratio Lower Upper

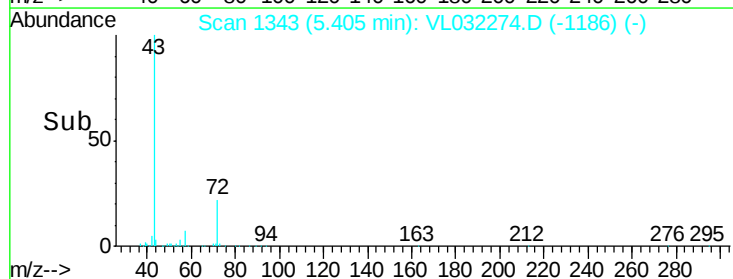
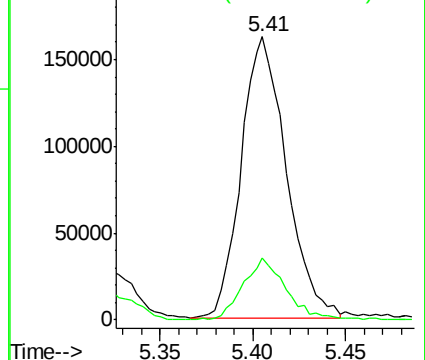
43 100

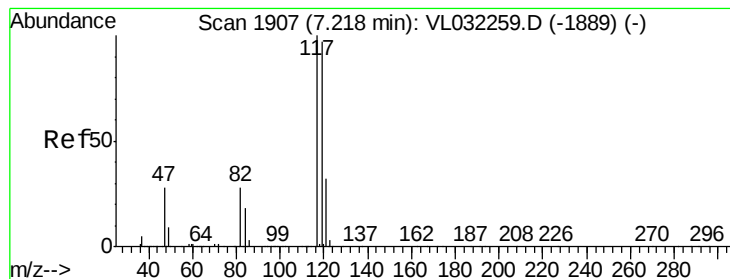
72 21.3 17.7 26.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.076 ppbv

RT: 7.21 min Scan# 1904

Delta R.T. -0.01 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

ClientSampleId :

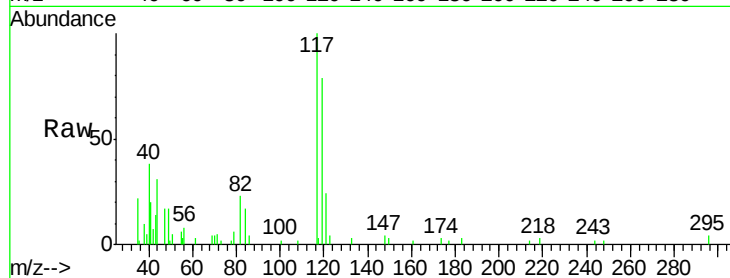
Tot Ion:117 Resp: 18746

Ion Ratio Lower Upper

117 100

119 71.2 77.4 116.0#

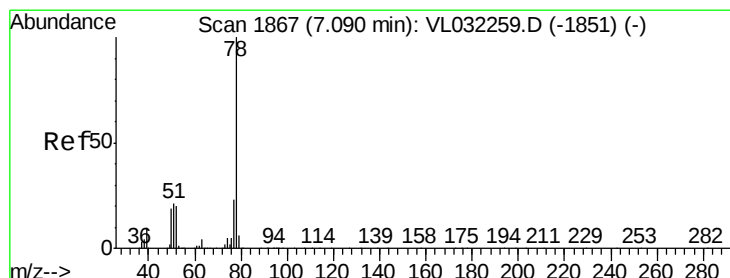
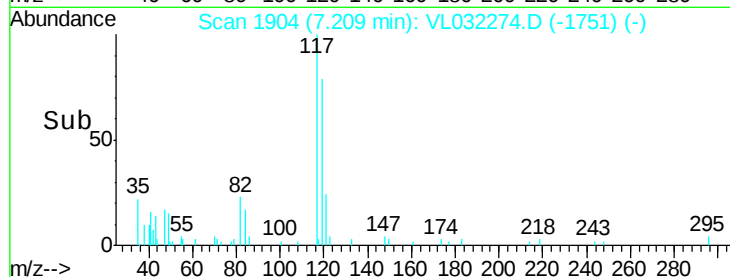
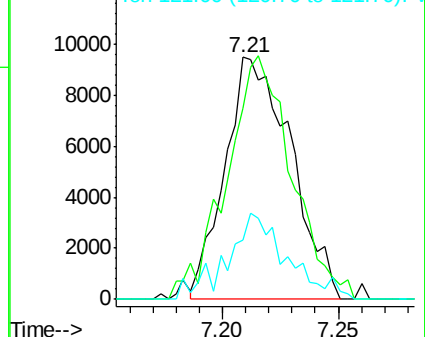
121 20.6 25.4 38.2#



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: 0.192 ppbv

RT: 7.09 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

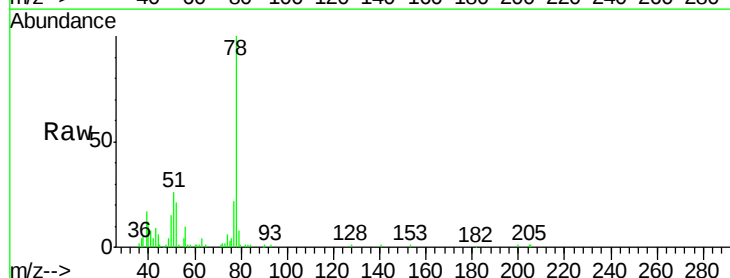
Tgt Ion: 78 Resp: 67294

Ion Ratio Lower Upper

78 100

77 21.5 18.6 27.8

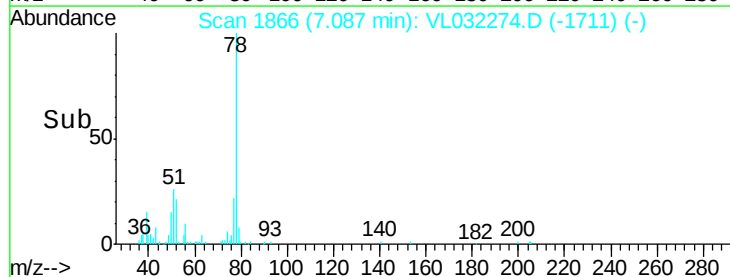
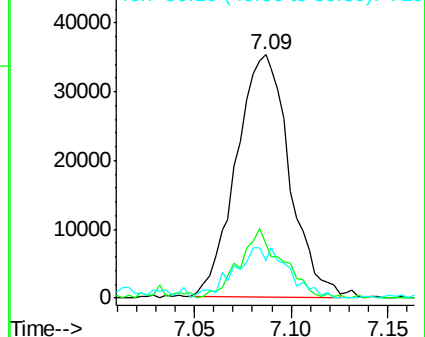
50 15.5 15.0 22.6

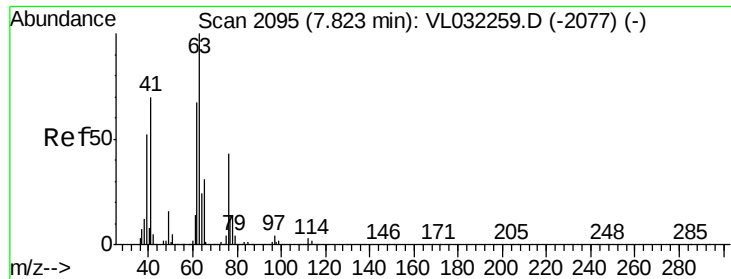


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 7.198 ppbv

RT: 7.38 min Scan# 1956

Delta R.T. -0.45 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

ClientSampleId :

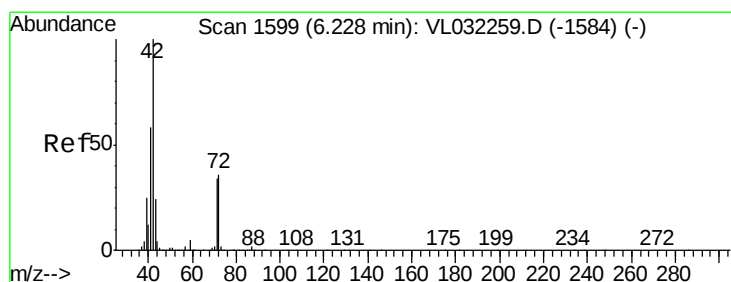
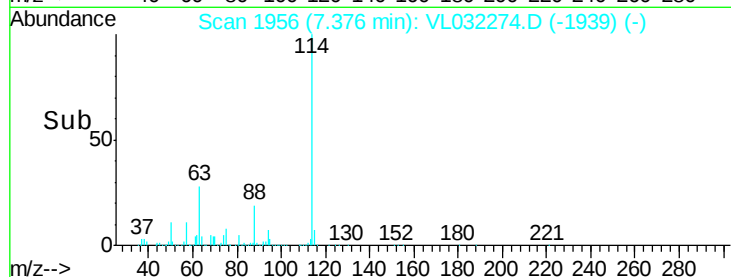
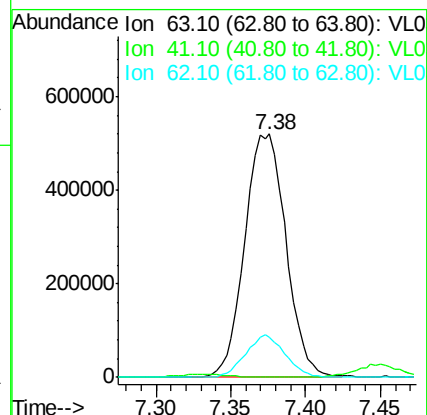
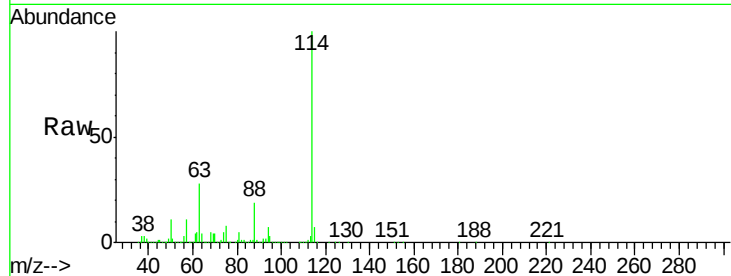
Tot Ion: 63 Resp: 999824

Ion Ratio Lower Upper

63 100

41 0.0 55.8 83.6#

62 16.4 53.8 80.8#



#41

Tetrahydrofuran

Concen: 0.201 ppbv

RT: 6.20 min Scan# 1590

Delta R.T. -0.03 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

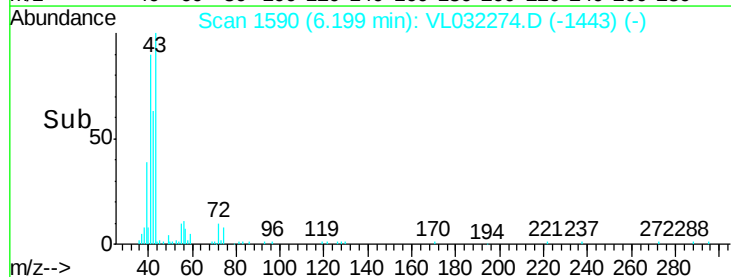
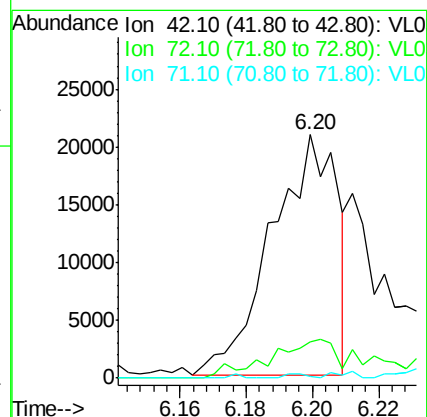
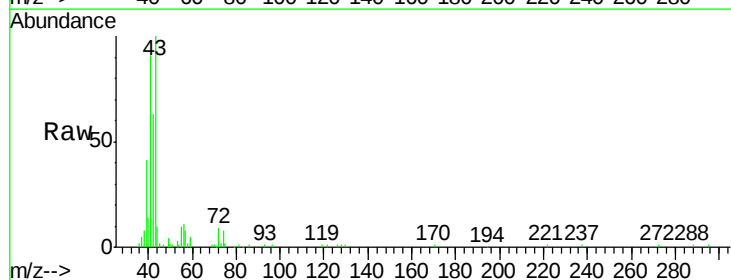
Tgt Ion: 42 Resp: 28632

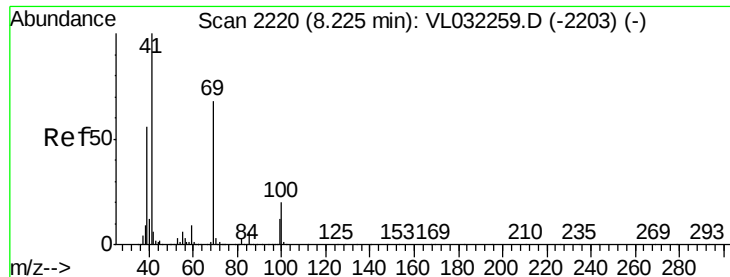
Ion Ratio Lower Upper

42 100

72 23.5 29.4 44.0#

71 0.0 28.2 42.4#

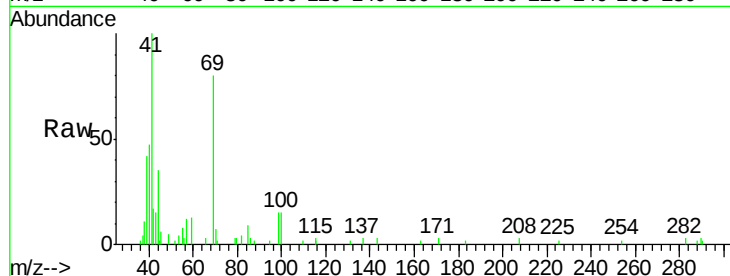




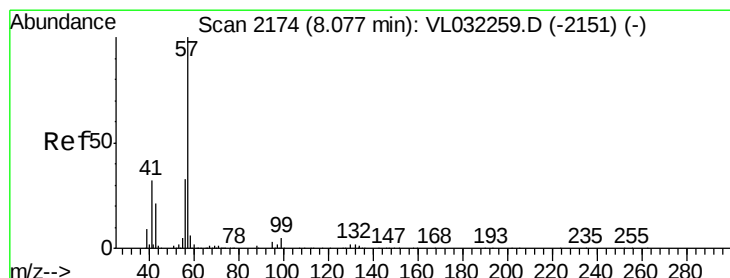
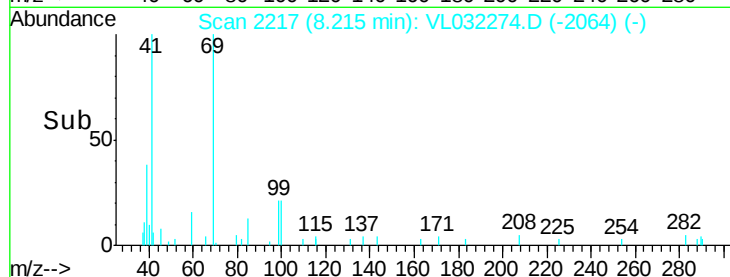
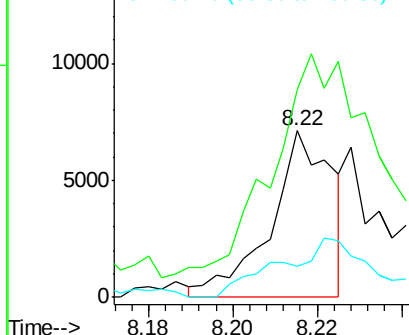
#43
Methvl Methacrylate
Concen: 0.050 ppbv
RT: 8.22 min Scan# 2217
Delta R.T. -0.01 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 69 Resp: 7141
Ion Ratio Lower Upper
69 100
41 279.6 118.6 177.8#
100 61.6 23.3 34.9#

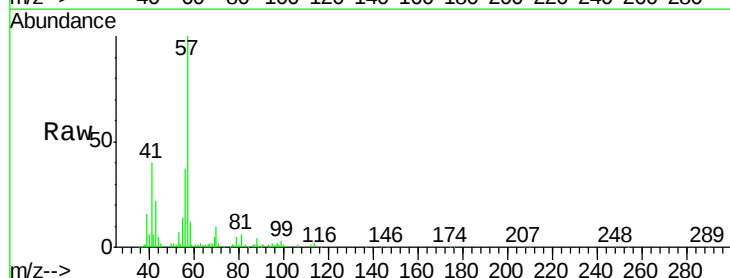


Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0

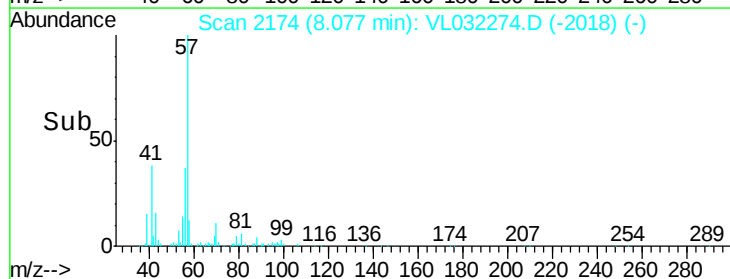
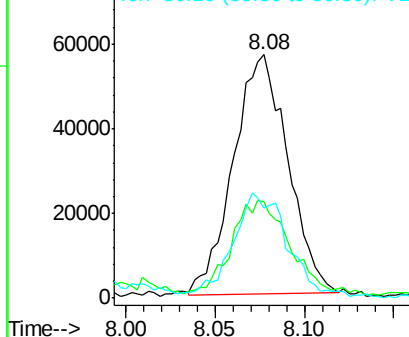


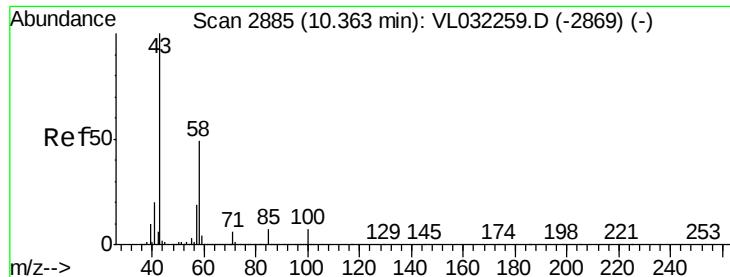
#44
2,2,4-Trimethylpentane
Concen: 0.197 ppbv
RT: 8.08 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

Tgt Ion: 57 Resp: 120686
Ion Ratio Lower Upper
57 100
41 46.1 24.4 36.6#
56 43.3 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: 0.099 ppbv

RT: 10.36 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

ClientSampleId :

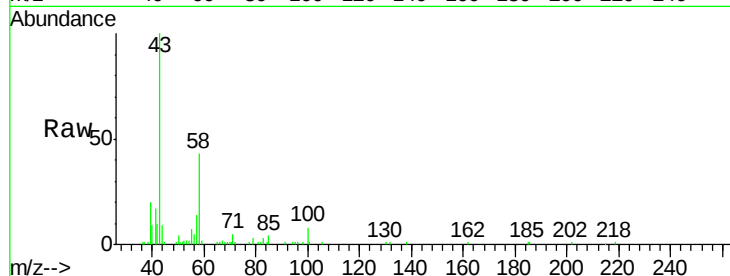
Tot Ion: 43 Resp: 30225

Ion Ratio Lower Upper

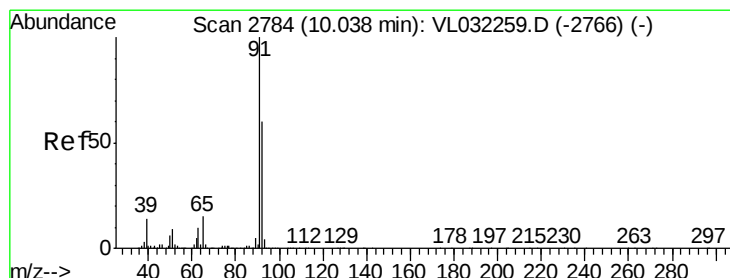
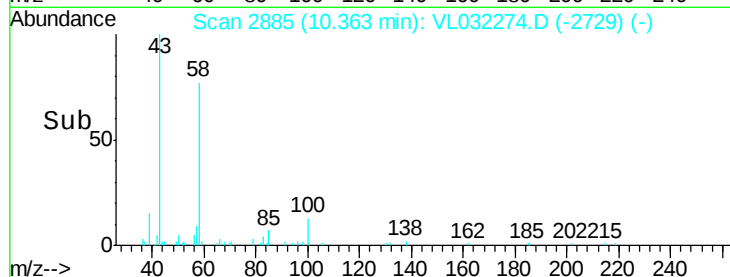
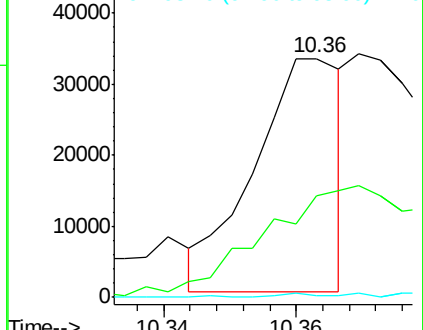
43 100

58 0.0 39.4 59.2#

98 0.0 0.2 0.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#53

Toluene

Concen: 1.003 ppbv

RT: 10.04 min Scan# 2783

Delta R.T. -0.00 min

Lab File: VL032274.D

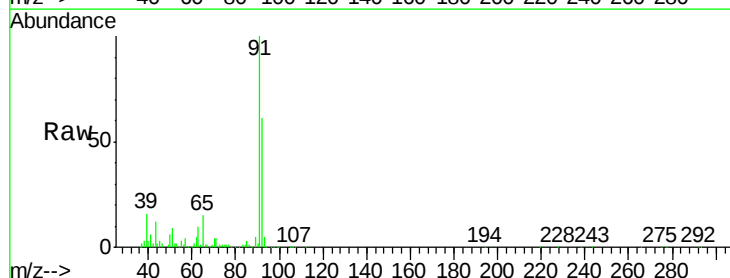
Acq: 18 Jul 2018 23:49

Tgt Ion: 91 Resp: 426429

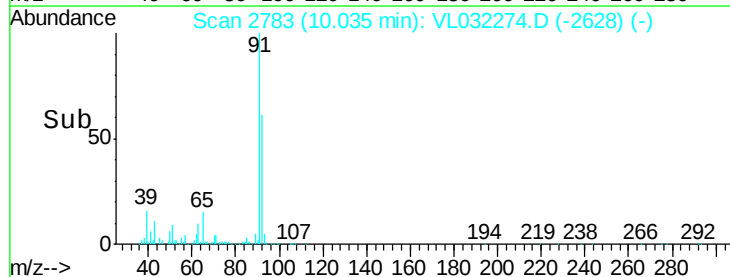
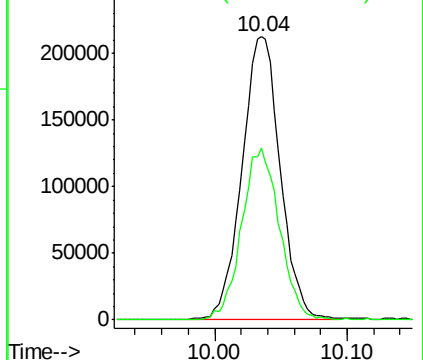
Ion Ratio Lower Upper

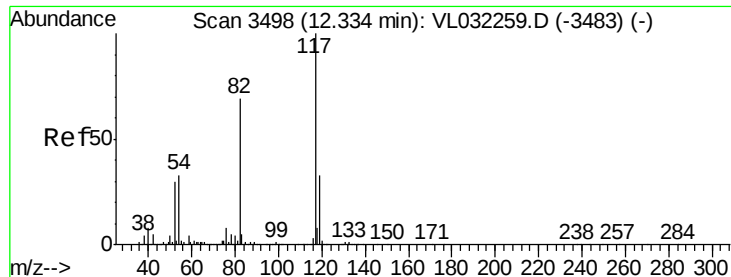
91 100

92 59.9 48.6 72.8



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0

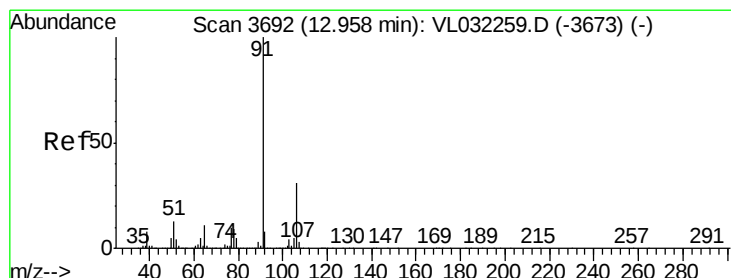
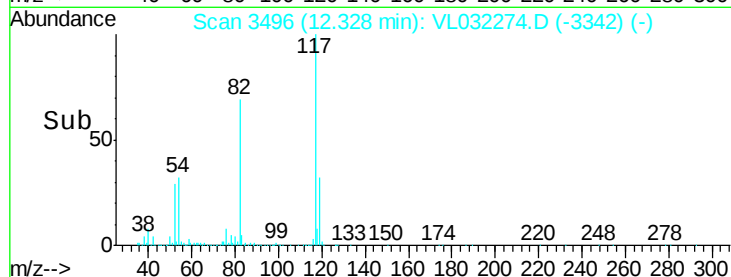
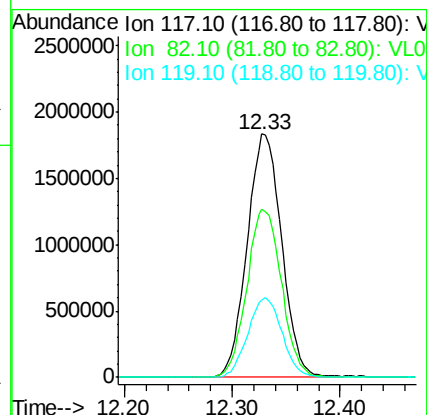
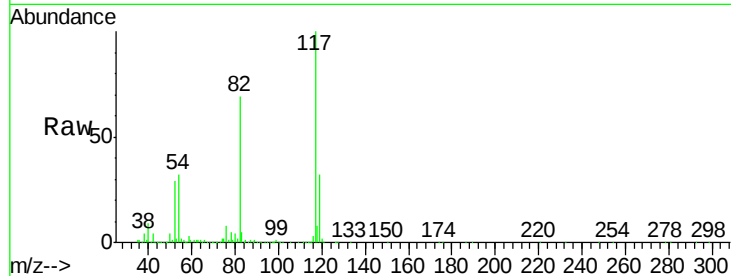




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

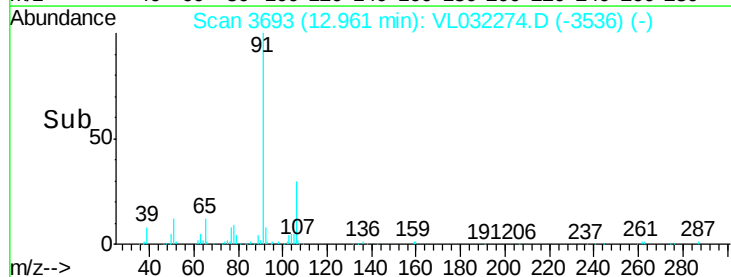
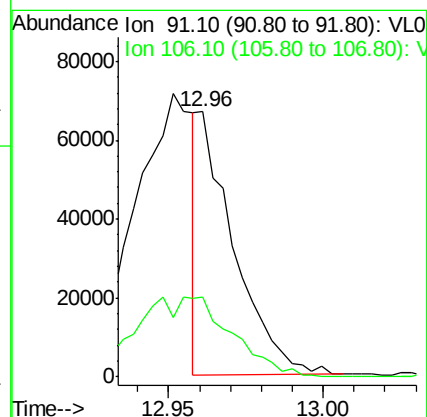
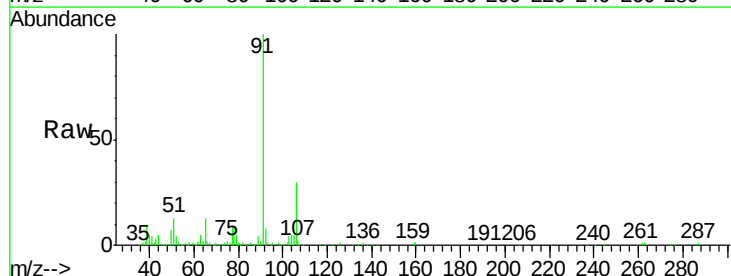
Instrument :
MSVOA_L
ClientSampleId :

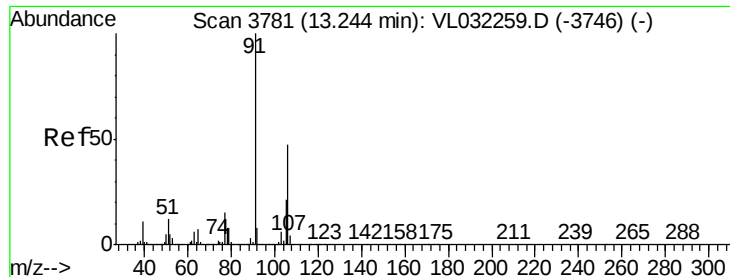
Tot Ion:117 Resp: 4074401
Ion Ratio Lower Upper
117 100
82 69.8 53.9 80.9
119 32.4 25.5 38.3



#58
Ethyl Benzene
Concen: 0.092 ppbv
RT: 12.96 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

Tgt Ion: 91 Resp: 53099
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7

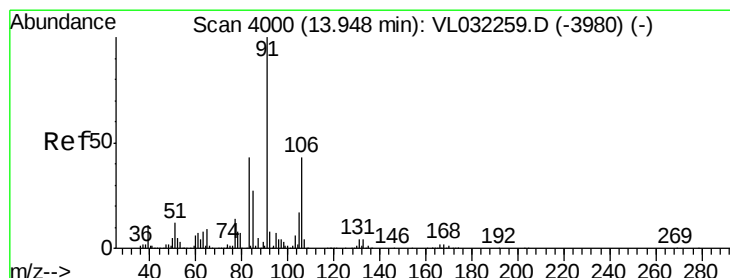
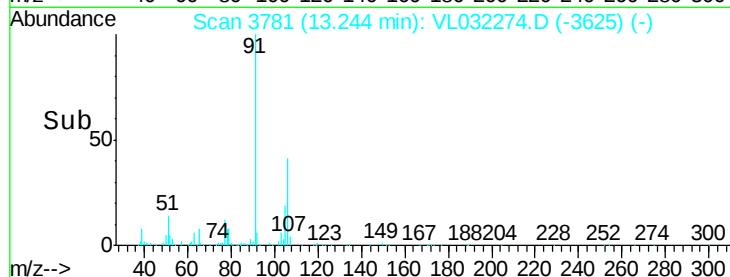
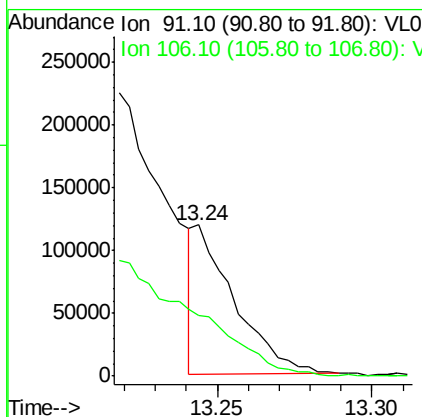
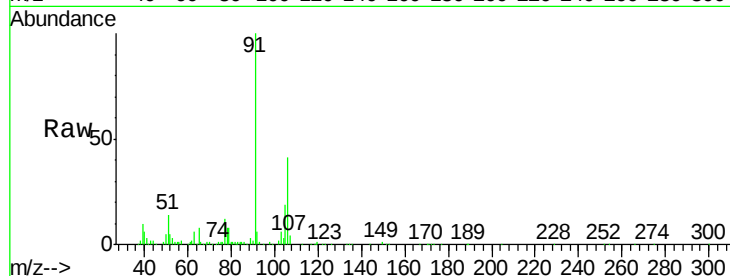




#59
m/p-Xylene
Concen: 0.218 ppbv
RT: 13.24 min Scan# 3781
Delta R.T. 0.00 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

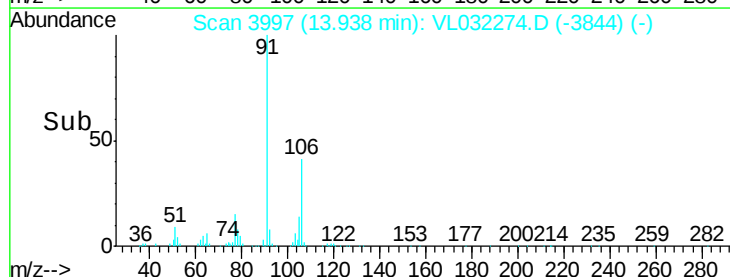
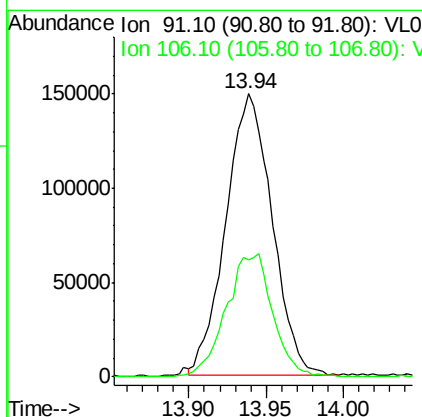
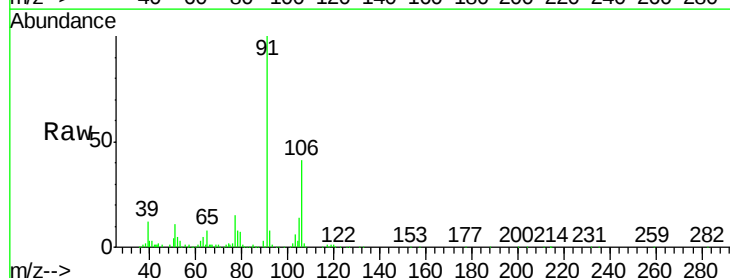
Instrument :
MSVOA_L
ClientSampled :

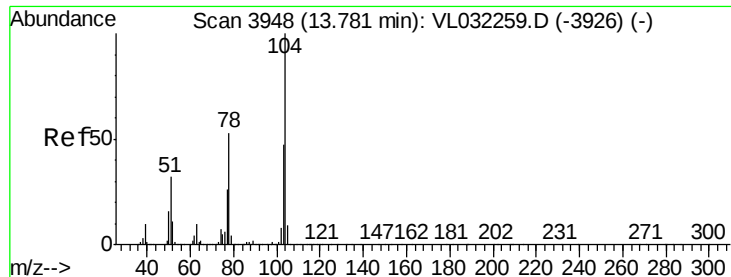
Tot Ion: 91 Resp: 106542
Ion Ratio Lower Upper
91 100
106 0.0 36.2 54.2#



#60
o-Xylene
Concen: 0.639 ppbv
RT: 13.94 min Scan# 3997
Delta R.T. -0.01 min
Lab File: VL032274.D
Acq: 18 Jul 2018 23:49

Tgt Ion: 91 Resp: 311685
Ion Ratio Lower Upper
91 100
106 43.9 21.7 65.1





#61

Stvrene

Concen: 0.193 ppbv

RT: 13.77 min Scan# 3946

Delta R.T. -0.01 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

ClientSampleId :

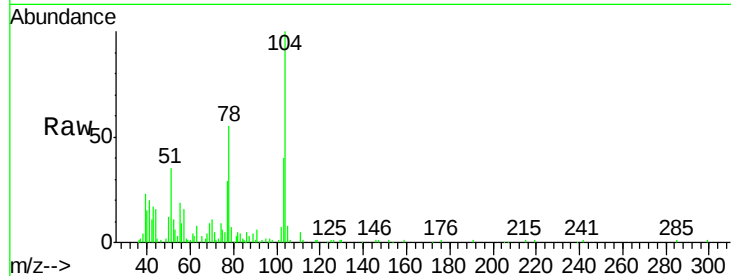
Tot Ion:104 Resp: 69734

Ion Ratio Lower Upper

104 100

78 67.3 43.2 64.8#

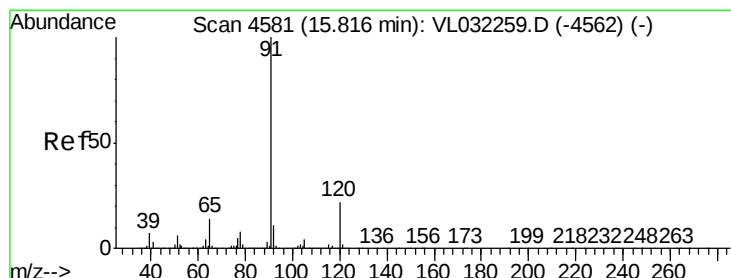
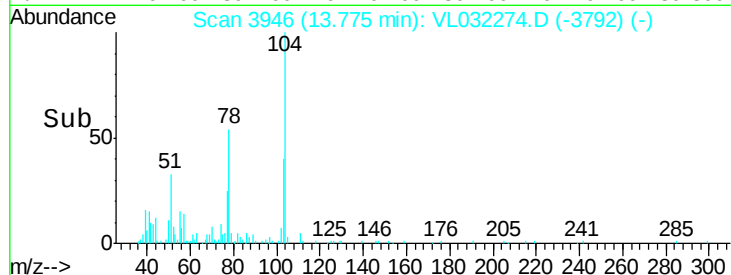
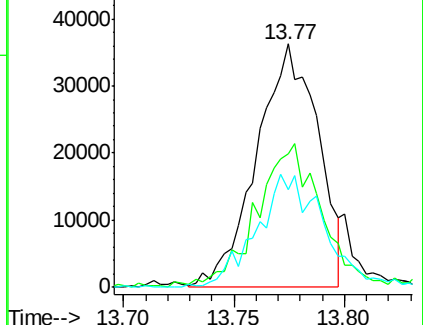
103 51.4 37.8 56.6



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#64

n-propylbenzene

Concen: 0.028 ppbv

RT: 15.80 min Scan# 4577

Delta R.T. -0.01 min

Lab File: VL032274.D

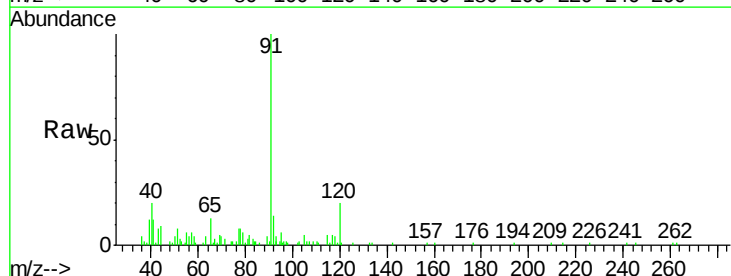
Acq: 18 Jul 2018 23:49

Tgt Ion:120 Resp: 5015

Ion Ratio Lower Upper

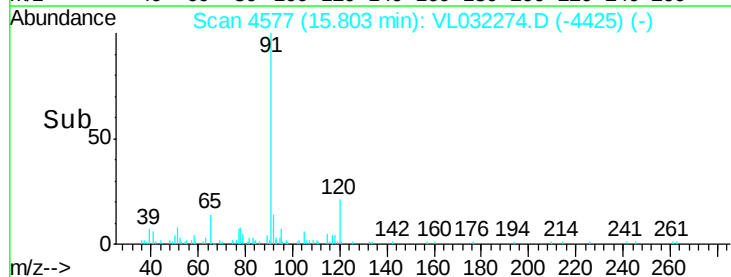
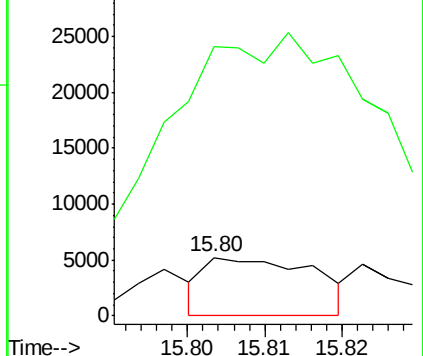
120 100

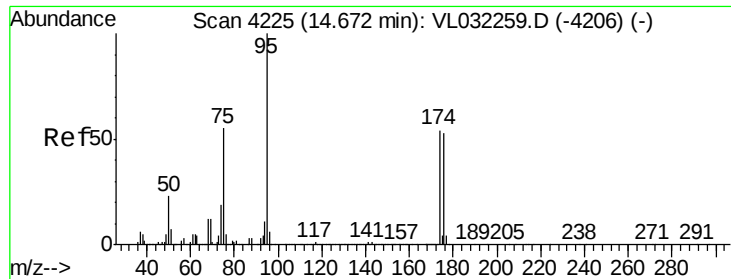
91 1189.9 384.4 576.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



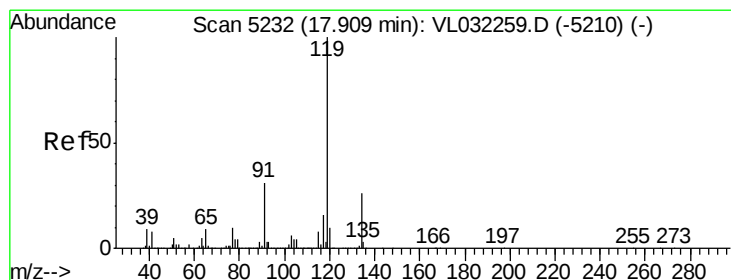
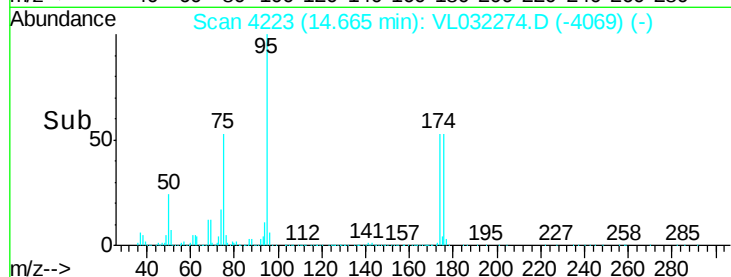
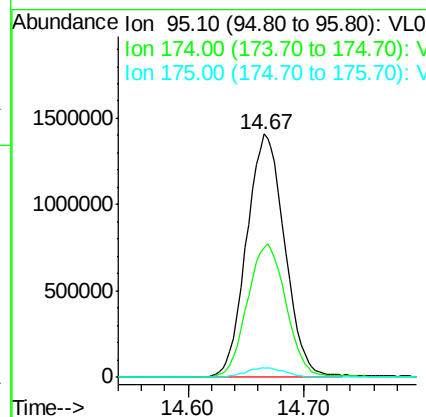
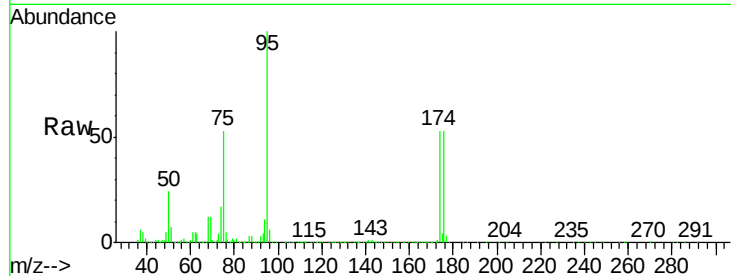


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.729 ppbv
 RT: 14.67 min Scan# 4223
 Delta R.T. -0.01 min
 Lab File: VL032274.D
 Acq: 18 Jul 2018 23:49

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 95 Resp: 3213957

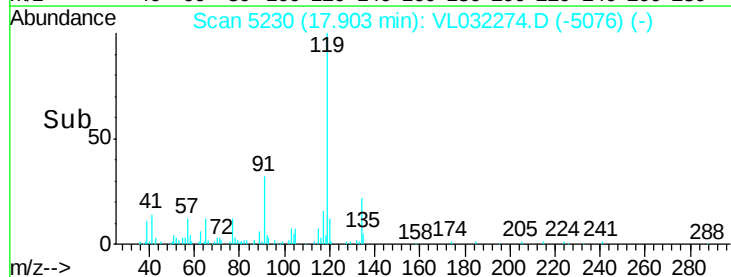
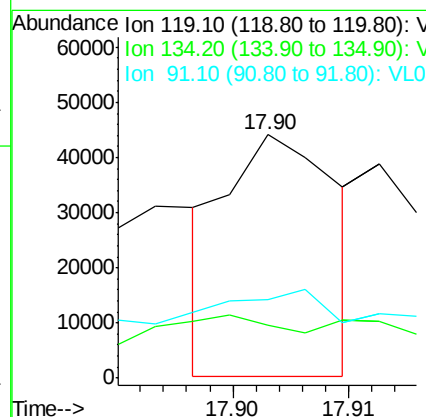
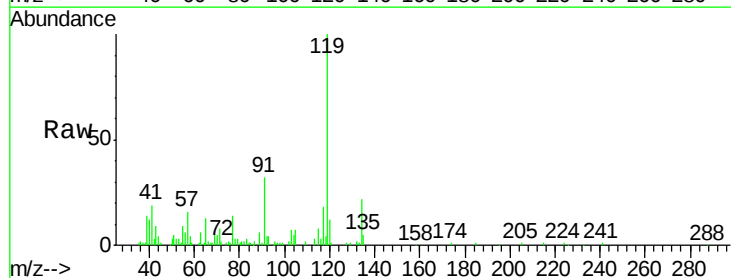
Ion	Ratio	Lower	Upper
95	100		
174	56.4	44.3	66.5
175	4.0	3.3	4.9

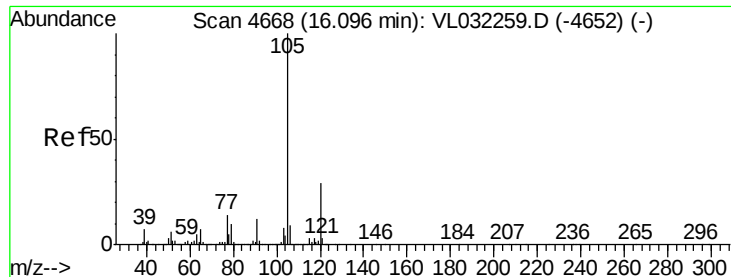


#69
 p-Isopropyltoluene
 Concen: 0.042 ppbv
 RT: 17.90 min Scan# 5230
 Delta R.T. -0.01 min
 Lab File: VL032274.D
 Acq: 18 Jul 2018 23:49

Tgt Ion: 119 Resp: 29104

Ion	Ratio	Lower	Upper
119	100		
134	86.0	20.3	30.5#
91	140.0	24.1	36.1#





#72

4-Ethyltoluene

Concen: 0.066 ppbv

RT: 16.09 min Scan# 4667

Delta R.T. -0.00 min

Lab File: VL032274.D

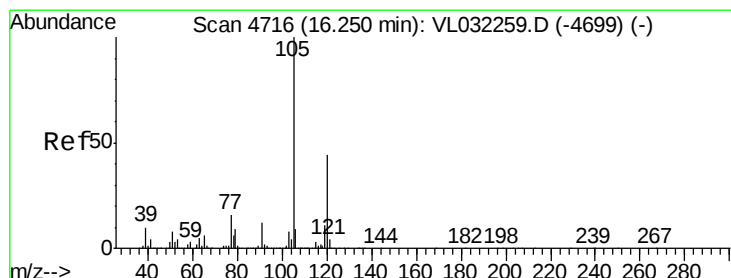
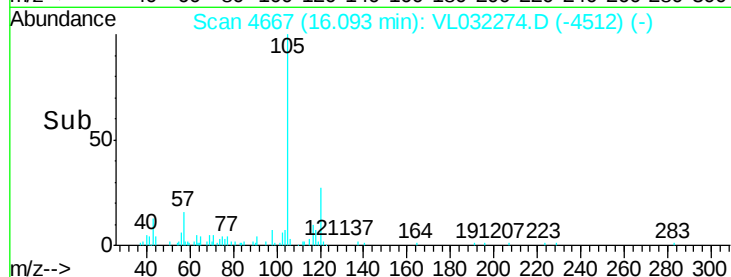
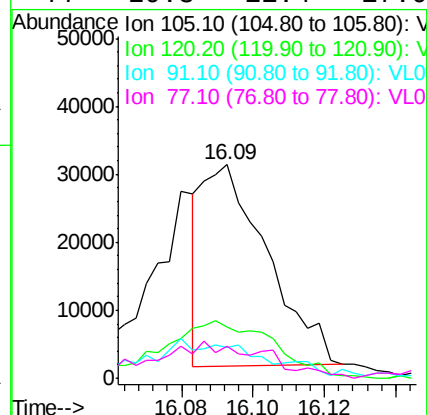
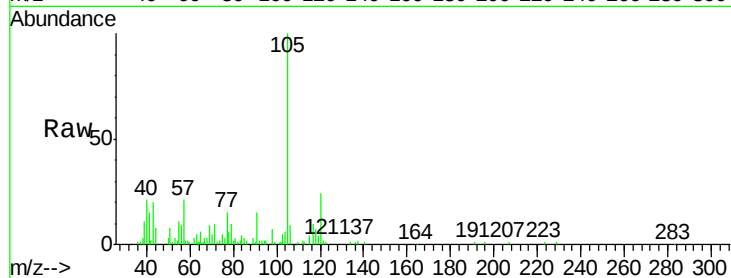
Acq: 18 Jul 2018 23:49

Instrument :

MSVOA_L

ClientSampled :

Tot Ion:105	Resp:	37274
Ion Ratio	Lower	Upper
105 100		
120 50.3	23.0	34.6#
91 0.0	10.1	15.1#
77 29.3	11.4	17.0#



#73

1,3,5-Trimethylbenzene

Concen: 0.060 ppbv

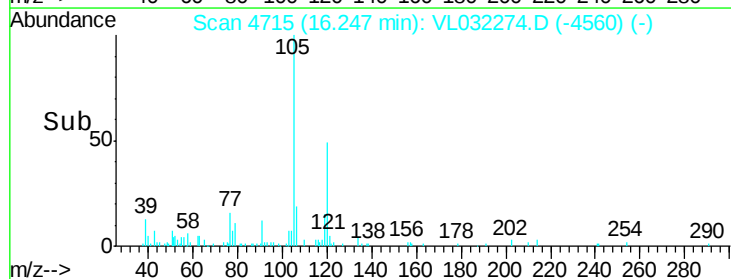
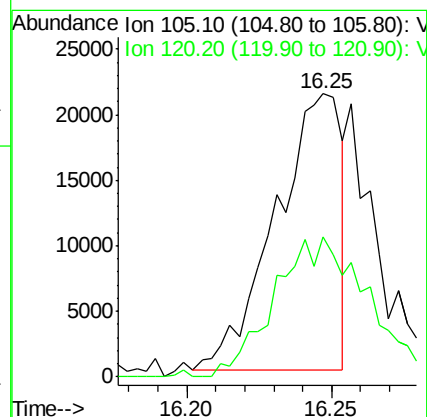
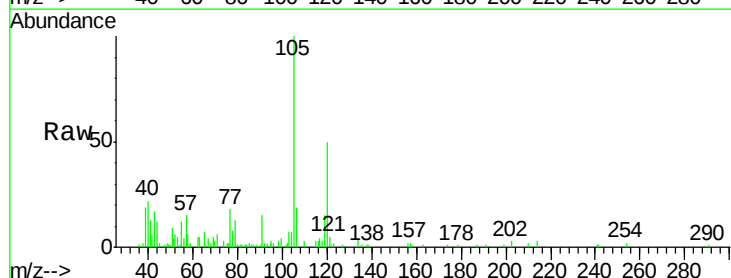
RT: 16.25 min Scan# 4715

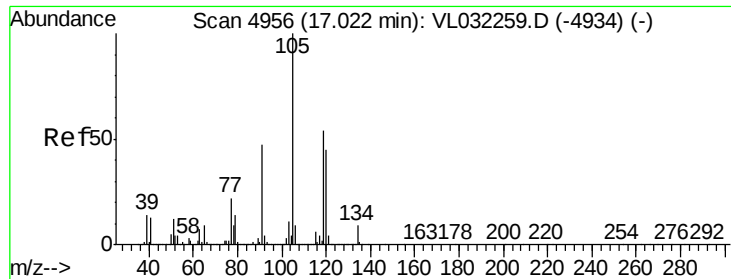
Delta R.T. -0.00 min

Lab File: VL032274.D

Acq: 18 Jul 2018 23:49

Tgt	Ion:105	Resp:	33233
Ion	Ratio	Lower	Upper
105	100		
120	50.9	35.5	53.3





#74
 1,2,4-Trimethylbenzene
 Concen: 0.278 ppbv
 RT: 17.02 min Scan# 4954
 Delta R.T. -0.01 min
 Lab File: VL032274.D
 Acq: 18 Jul 2018 23:49

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	105	Resp:	160569
Ion Ratio		Lower	Upper
105	100		
120	41.5	35.8	53.6
91	12.4	38.2	57.4#
77	16.9	17.5	26.3#

