

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031281.D
 Acq On : 20 Dec 2017 22:40
 Operator : SY/AP
 Sample : I7005-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-4

Manual Integrations
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MMDadoda
 12/22/2017 4:54:57 PM

Quant Time: Dec 22 05:48:44 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.92	49	1562474	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.47	114	3655535	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.44	117	3196331	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.77	95	2624360	11.54	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	115.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	44929	0.34	ppbv	96
3) Chlorodifluoromethane	3.11	51	108990	0.61	ppbv	96
5) Vinyl Chloride	3.40	62	437718	4.41	ppbv	98
9) Propene	3.14	41	1094978	12.56	ppbv	98
10) Heptane	8.42	43	565619	2.13	ppbv	99
11) Trichlorofluoromethane	4.13	101	77035	0.36	ppbv	100
13) Ethanol	3.77	45	187056	7.44	ppbv	99
15) Acetone	4.04	43	3827971	18.56	ppbv #	47
17) tert-Butyl alcohol	4.50	59	162651	1.41	ppbv #	93
18) 1,1-Dichloroethene	4.49	96	17954	0.26	ppbv	79
20) Methylene Chloride	4.55	84	243998	3.58	ppbv	97
22) trans-1,2-Dichloroethene	5.11	96	1342493	16.04	ppbv	99
26) Hexane	5.93	57	482218	2.41	ppbv #	38
27) Carbon Disulfide	4.76	76	231818	1.16	ppbv #	94
28) Methyl tert-Butyl Ether	5.27	73	108891	0.42	ppbv #	13
29) Chloroform	6.01	83	339444	1.26	ppbv	100
30) Cyclohexane	7.41	84	134731	0.77	ppbv	93
31) cis-1,2-Dichloroethene	5.80	61	25204628	139.08	ppbv #	57
34) 2-Butanone	5.49	43	11922806	46.18	ppbv	94
36) Benzene	7.18	78	1640258	4.23	ppbv	98
38) Trichloroethene	8.14	130	17622349	116.61	ppbv	91
44) 2,2,4-Trimethylpentane	8.17	57	1609685	2.75	ppbv #	88
51) 2-Hexanone	10.46	43	1827246	6.06	ppbv #	86
52) Tetrachloroethene	11.68	164	61191362m	428.11	ppbv	
53) Toluene	10.13	91	564181	1.34	ppbv	97
58) Ethyl Benzene	13.07	91	248246	0.47	ppbv	95
59) m/p-Xylene	13.32	91	370679m	0.88	ppbv	
60) o-Xylene	14.04	91	229128	0.54	ppbv	98
61) Styrene	13.88	104	53018	0.43	ppbv	92
62) Isopropylbenzene	15.02	105	92798	0.17	ppbv	97
64) n-propylbenzene	15.91	120	29690	0.20	ppbv	71
72) 4-Ethyltoluene	16.18	105	85377	0.18	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.34	105	52891m	0.13	ppbv	
74) 1,2,4-Trimethylbenzene	17.11	105	180201m	0.41	ppbv	

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

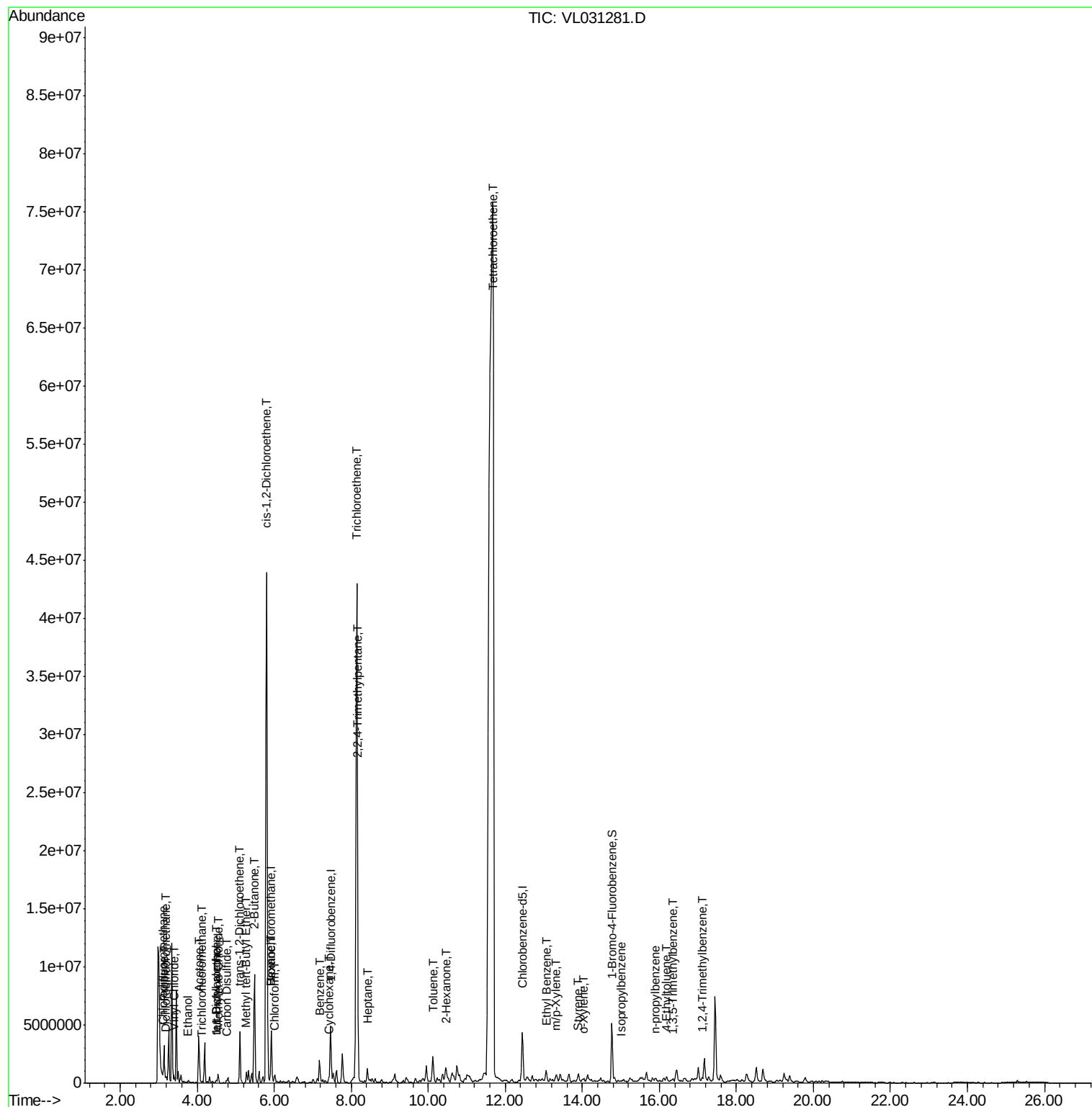
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
Data File : VL031281.D
Acq On : 20 Dec 2017 22:40
Operator : SY/AP
Sample : I7005-05
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

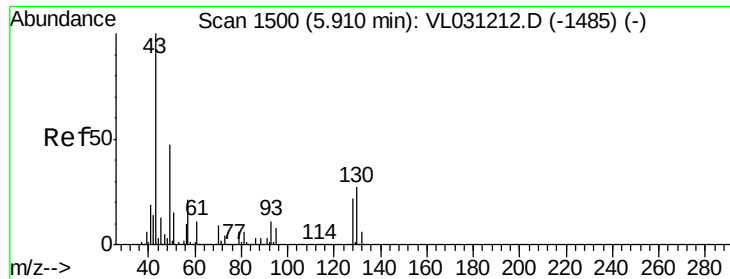
Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-4

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Quant Time: Dec 22 05:48:44 2017
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration





#1

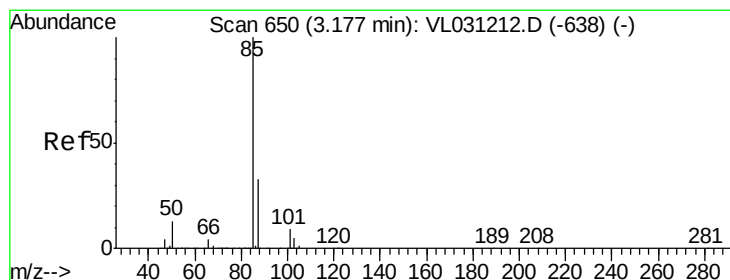
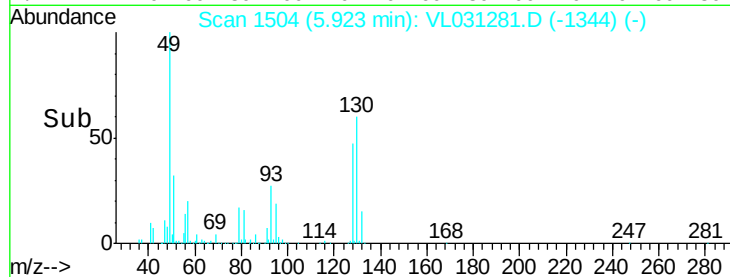
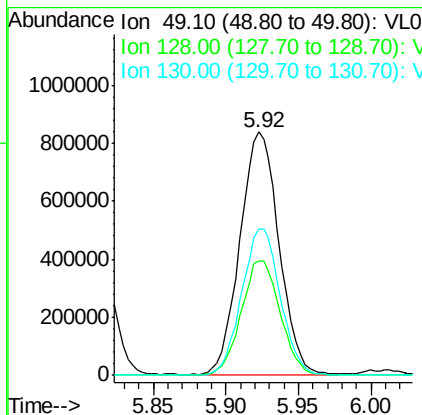
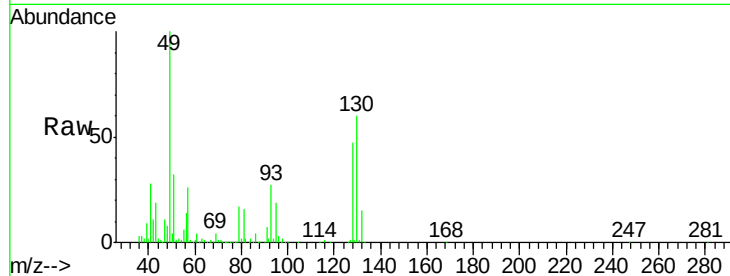
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.92 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-4

Tot Ion: 49 Resp: 1562474
 Ion Ratio Lower Upper
 49 100
 128 47.2 23.2 69.5
 130 60.2 29.6 88.8

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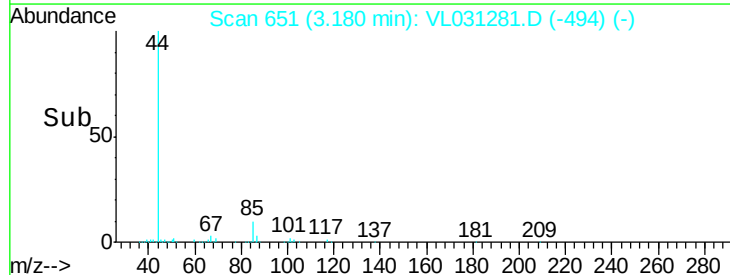
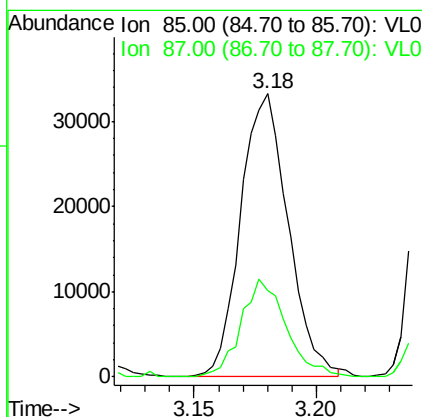
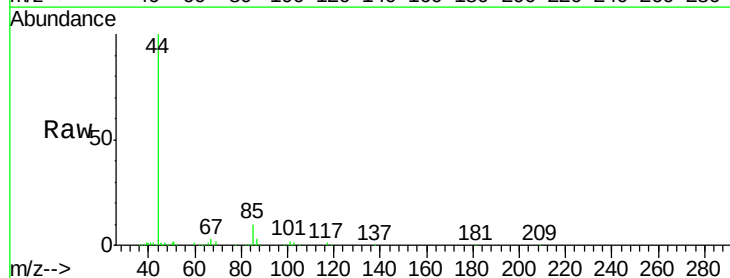
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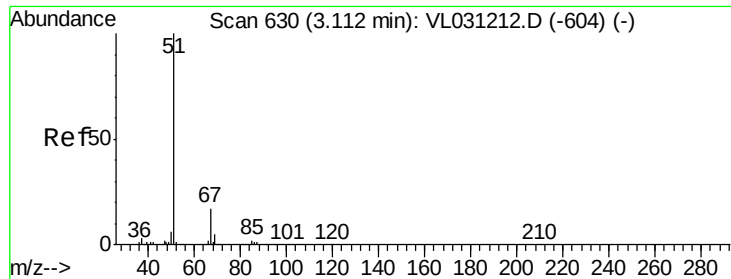


#2

Dichlorodifluoromethane
 Concen: 0.34 ppbv
 RT: 3.18 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Tgt Ion: 85 Resp: 44929
 Ion Ratio Lower Upper
 85 100
 87 30.3 26.2 39.2





#3

Chlorodifluoromethane

Concen: 0.61 ppbv

RT: 3.11 min Scan# 630

Delta R.T. 0.00 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-4

Tot Ion: 51 Resp: 108990

Ion Ratio Lower Upper

51 100

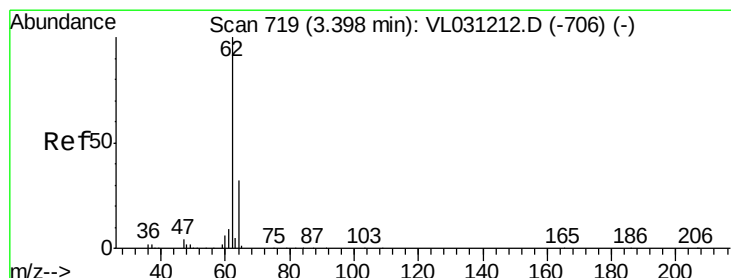
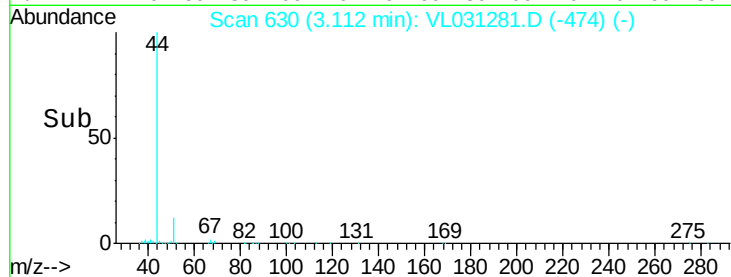
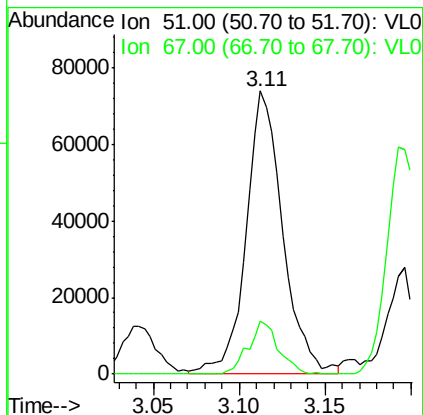
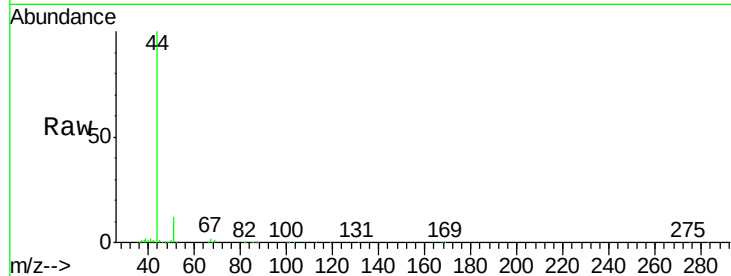
67 15.4 13.8 20.6

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#5

Vinyl Chloride

Concen: 4.41 ppbv

RT: 3.40 min Scan# 720

Delta R.T. 0.00 min

Lab File: VL031281.D

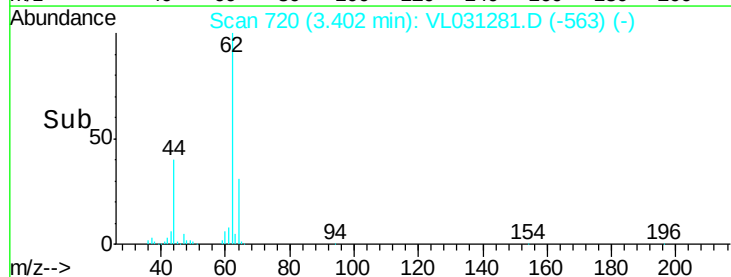
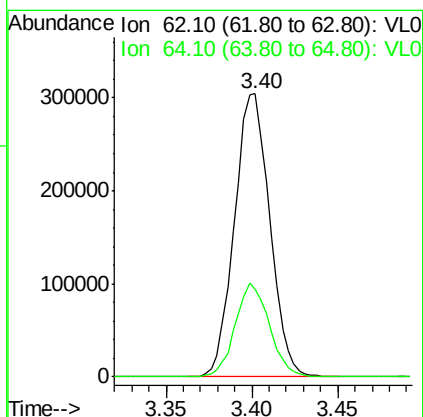
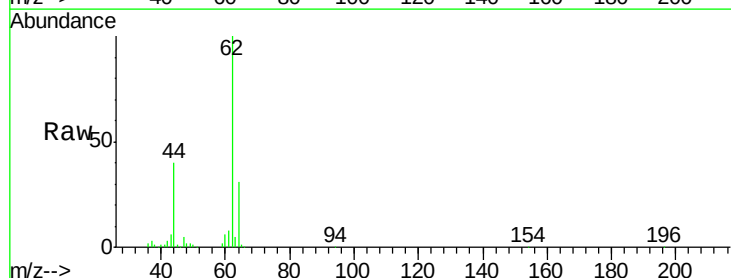
Acq: 20 Dec 2017 22:40

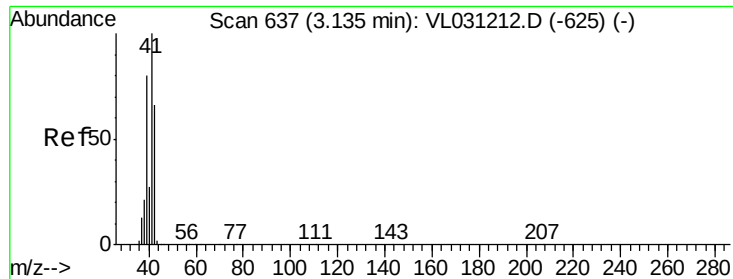
Tgt Ion: 62 Resp: 437718

Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9





#9

Propene

Concen: 12.56 ppbv

RT: 3.14 min Scan# 638

Delta R.T. 0.00 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-4

Tot Ion: 41 Resp: 1094978

Ion Ratio Lower Upper

41 100

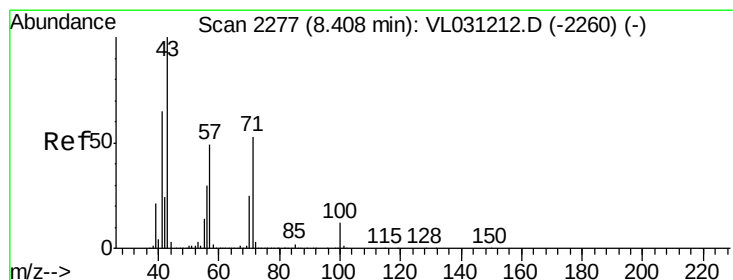
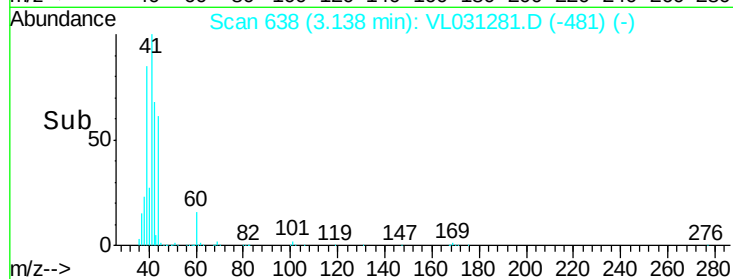
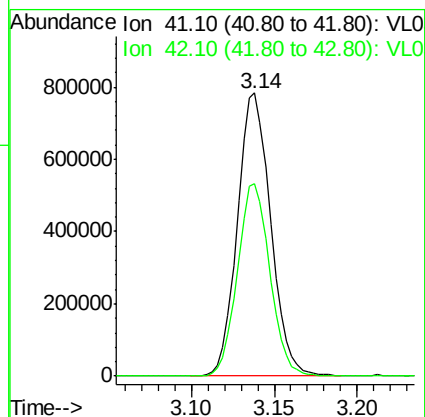
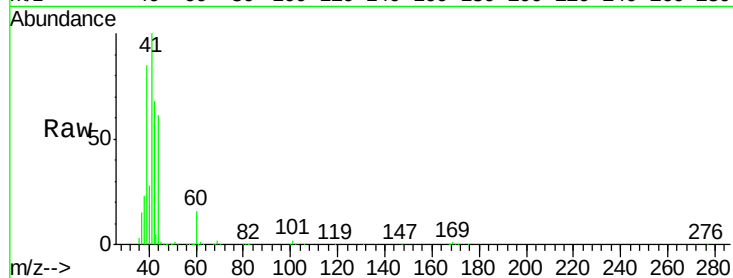
42 66.4 54.3 81.5

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#10

Heptane

Concen: 2.13 ppbv

RT: 8.42 min Scan# 2281

Delta R.T. 0.01 min

Lab File: VL031281.D

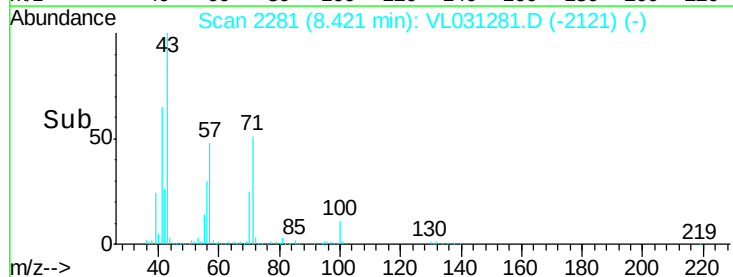
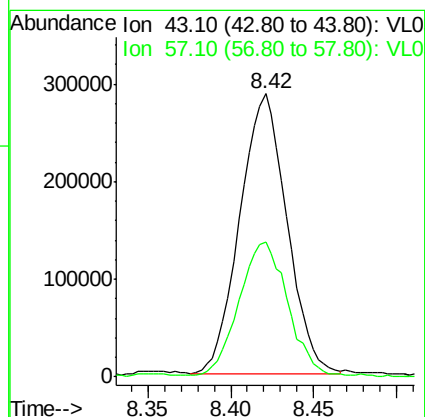
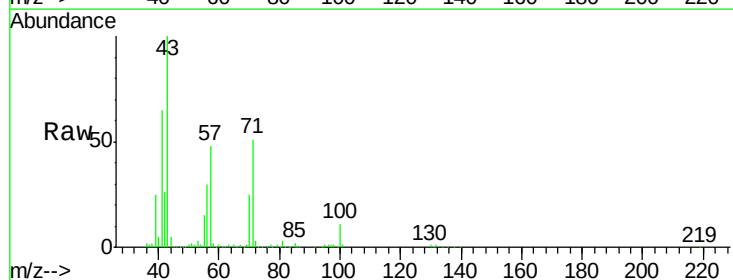
Acq: 20 Dec 2017 22:40

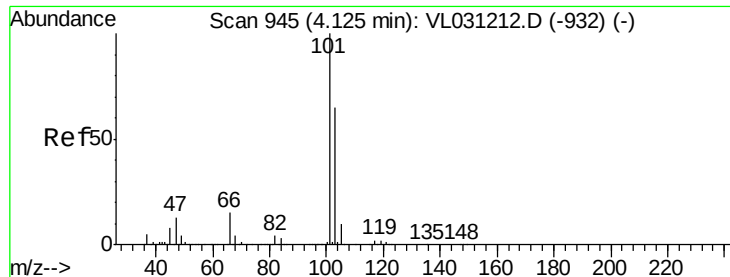
Tgt Ion: 43 Resp: 565619

Ion Ratio Lower Upper

43 100

57 50.4 39.8 59.8





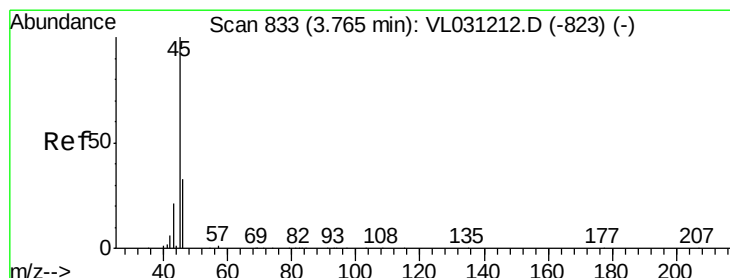
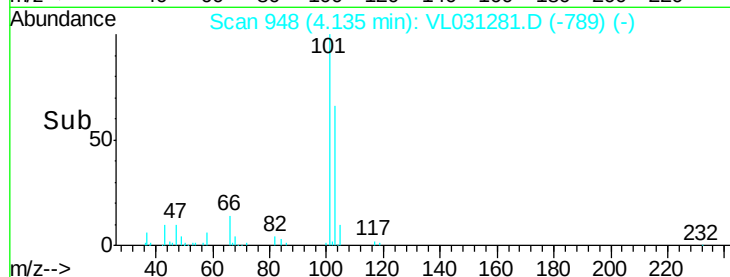
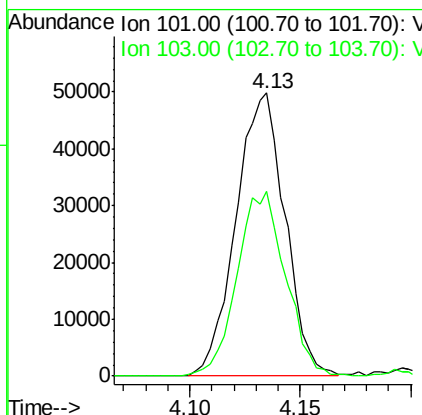
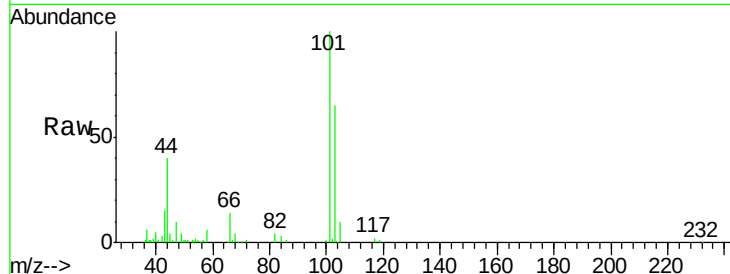
#11
 Trichlorofluoromethane
 Concen: 0.36 ppbv
 RT: 4.13 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-4

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.8	77.8

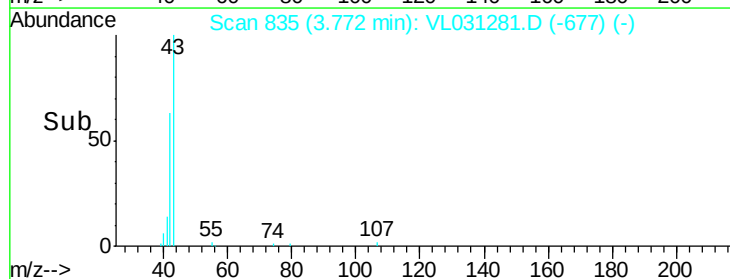
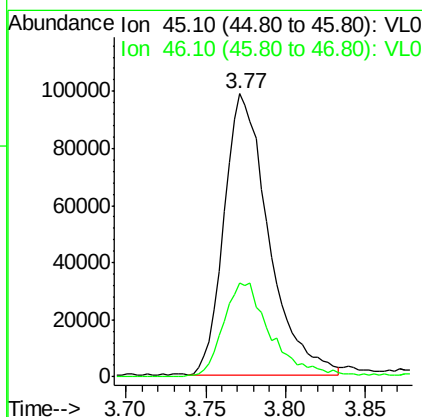
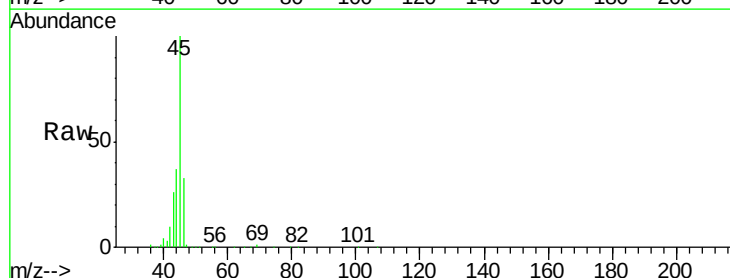
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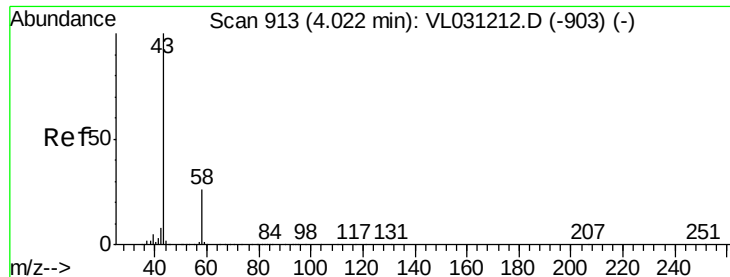
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#13
 Ethanol
 Concen: 7.44 ppbv
 RT: 3.77 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.3	14.6	58.4





#15

Acetone

Concen: 18.56 ppbv

RT: 4.04 min Scan# 919

Delta R.T. 0.02 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-4

Tot Ion: 43 Resp: 3827971

Ion Ratio Lower Upper

43 100

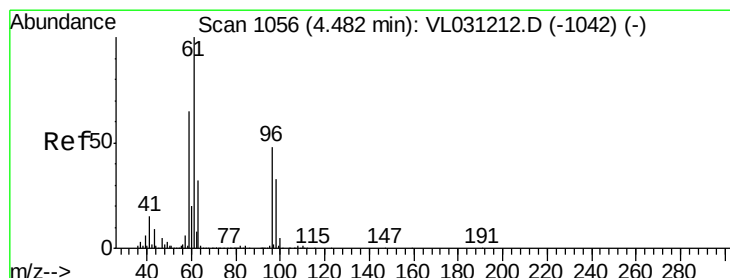
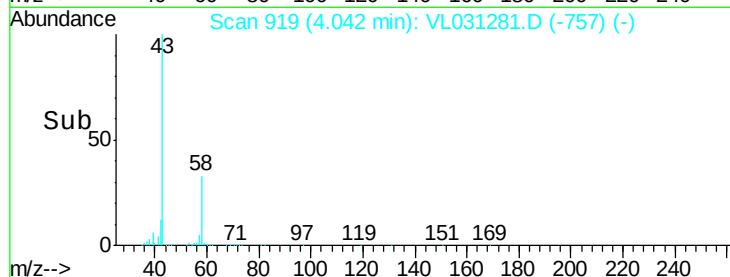
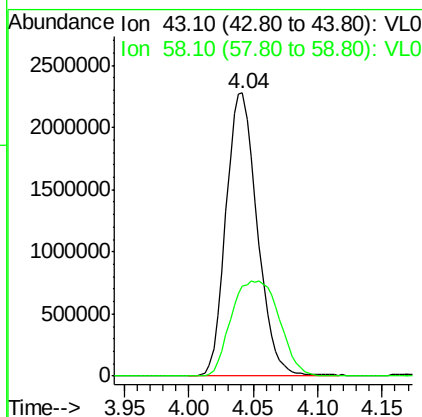
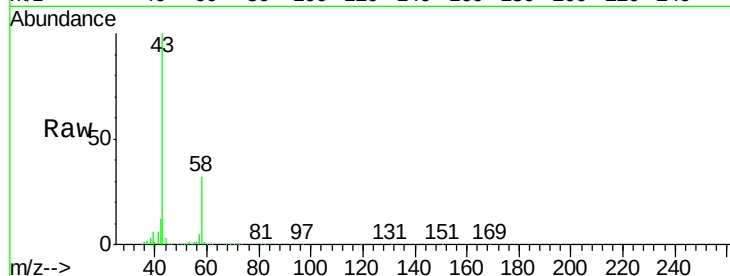
58 52.4 20.3 30.5#

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#17

tert-Butyl alcohol

Concen: 1.41 ppbv

RT: 4.50 min Scan# 1062

Delta R.T. 0.02 min

Lab File: VL031281.D

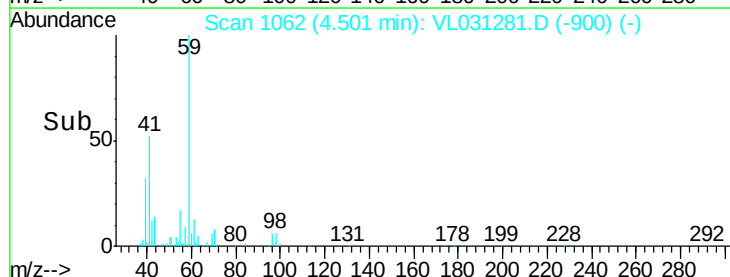
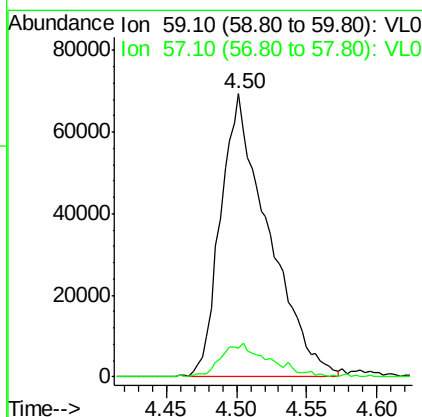
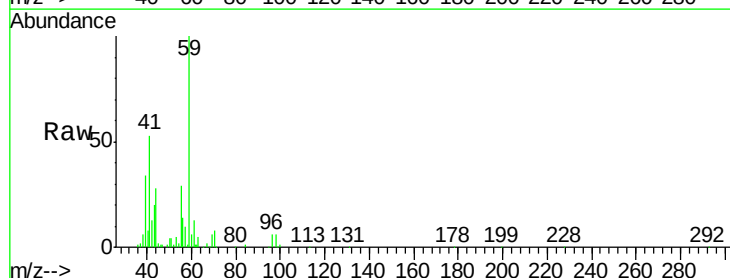
Acq: 20 Dec 2017 22:40

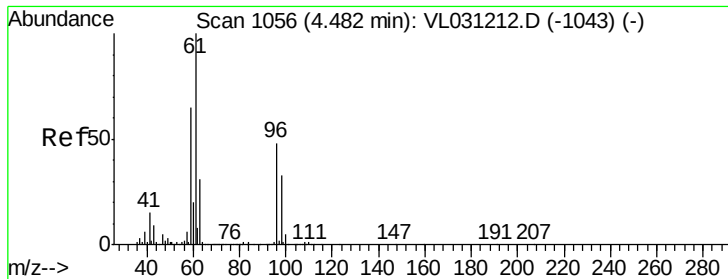
Tgt Ion: 59 Resp: 162651

Ion Ratio Lower Upper

59 100

57 12.6 8.2 12.2#





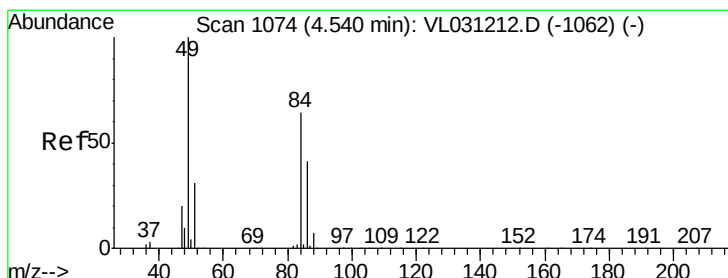
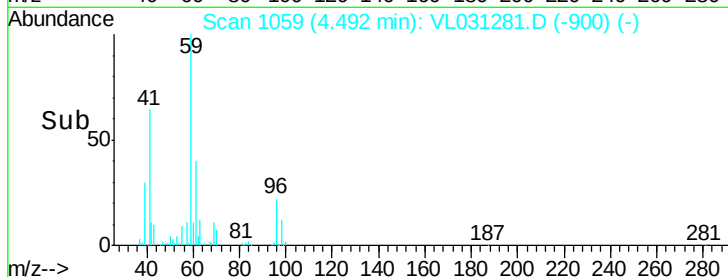
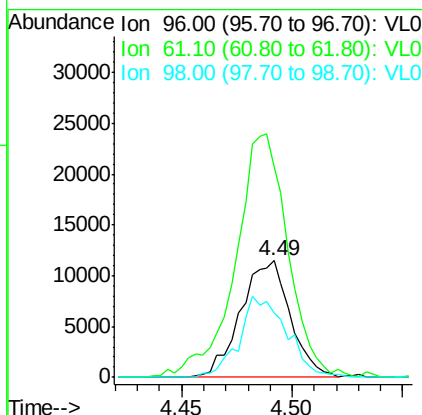
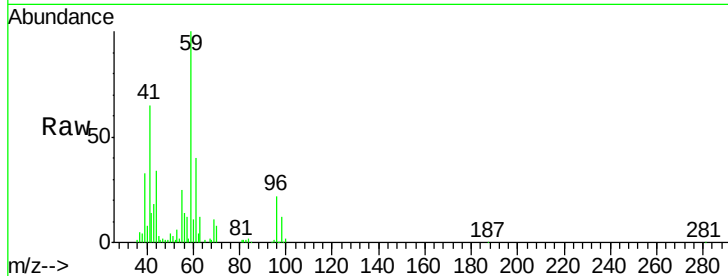
#18
 1,1-Dichloroethene
 Concen: 0.26 ppbv
 RT: 4.49 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-4

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	174.3	166.8	250.2	
98	55.6	55.0	82.6	

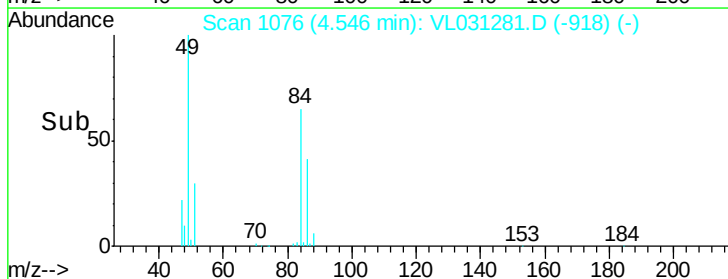
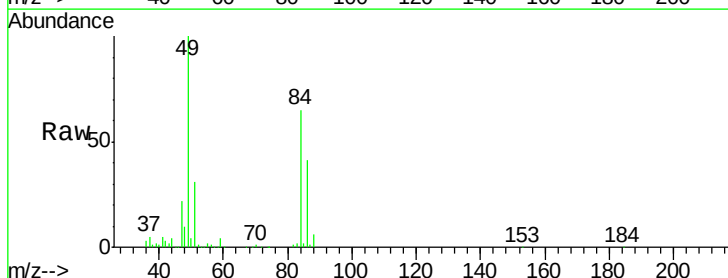
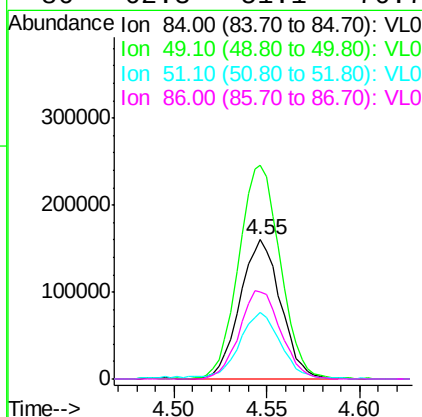
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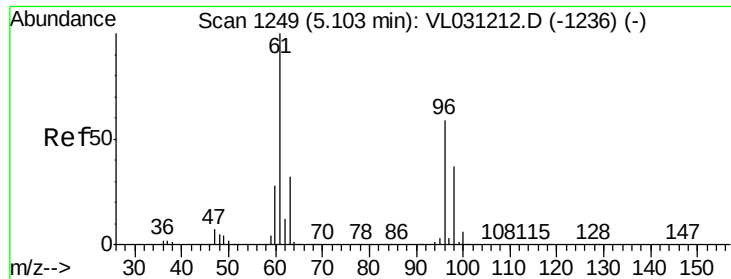
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#20
 Methylene Chloride
 Concen: 3.58 ppbv
 RT: 4.55 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Tgt Ion	Ion	Ratio	Lower	Upper
84	100			
49	153.1	125.8	188.6	
51	47.2	39.3	58.9	
86	62.3	51.1	76.7	





#22

trans-1,2-Dichloroethene

Concen: 16.04 ppbv

RT: 5.11 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-4

Tot Ion: 96 Resp: 1342493

Ion Ratio Lower Upper

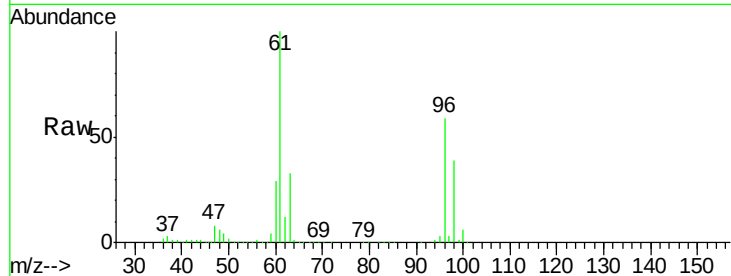
96 100

61 168.4 135.0 202.4

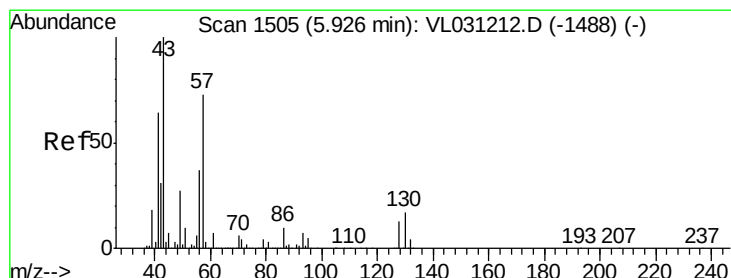
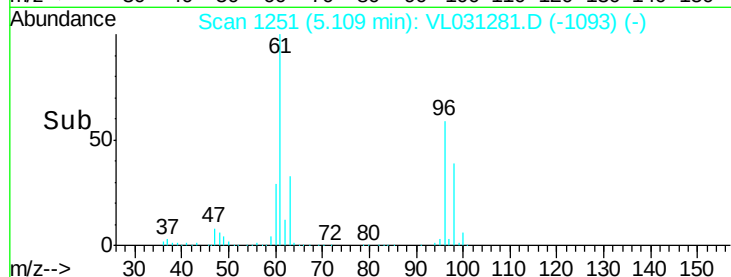
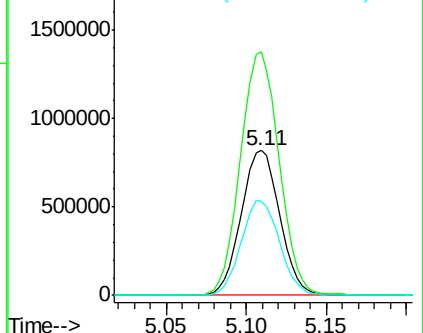
98 65.3 50.5 75.7

Manual Integrations
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12/22/2017 4:54:57 PM



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



#26

Hexane

Concen: 2.41 ppbv

RT: 5.93 min Scan# 1506

Delta R.T. 0.00 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

Tgt Ion: 57 Resp: 482218

Ion Ratio Lower Upper

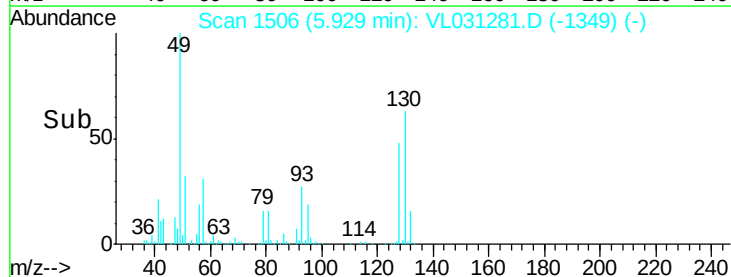
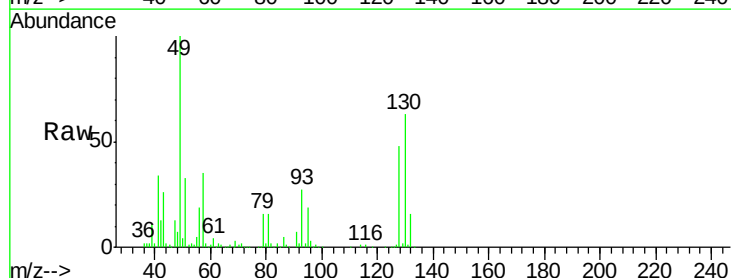
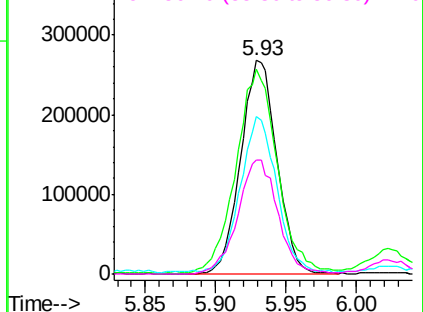
57 100

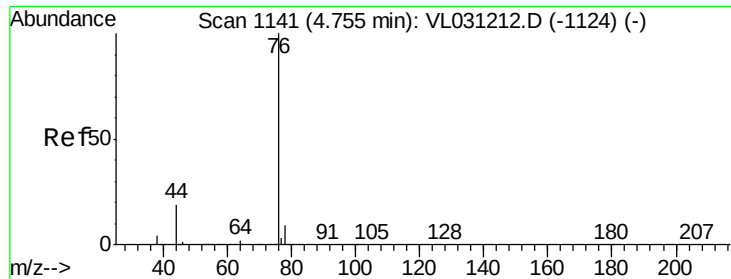
41 109.4 70.3 105.5#

43 74.0 173.8 260.8#

56 59.0 41.7 62.5

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





#27

Carbon Disulfide

Concen: 1.16 ppbv

RT: 4.76 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

Instrument :

MSVOA_L

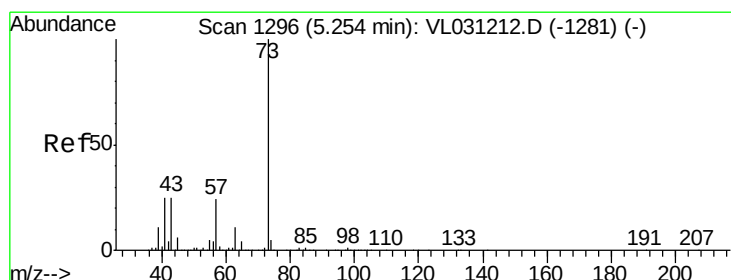
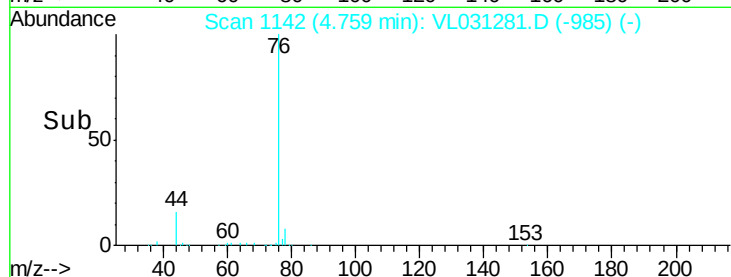
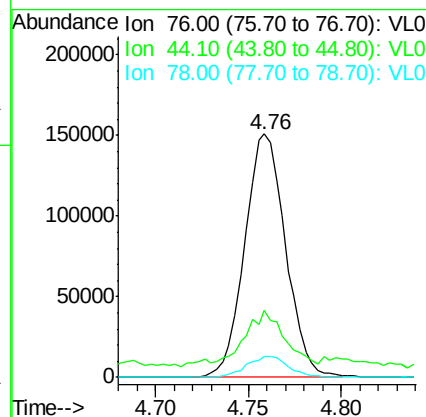
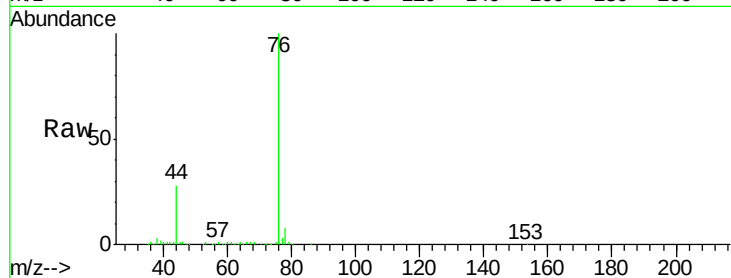
ClientSampled :

EP1-SV-4

Tot Ion:	76	Resp:	231818
Ion Ratio	Lower	Upper	
76	100		
44	24.1	16.0	24.0#
78	9.0	7.5	11.3

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 0.42 ppbv

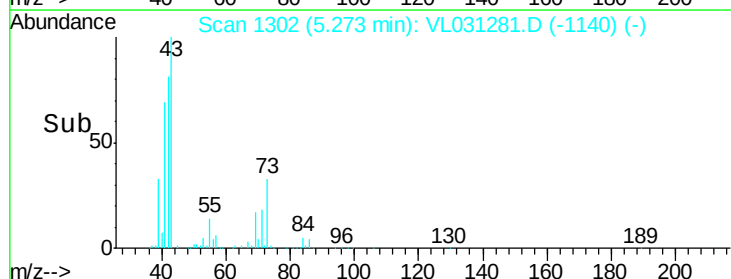
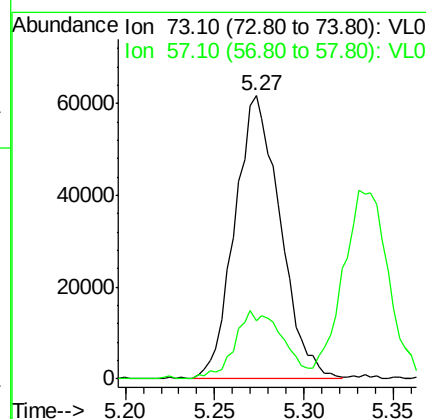
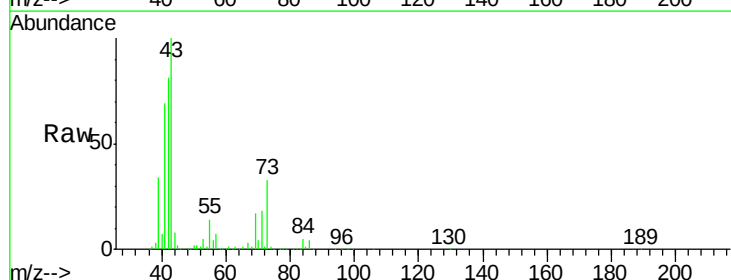
RT: 5.27 min Scan# 1302

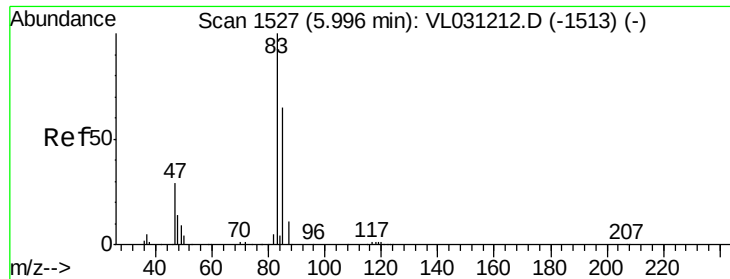
Delta R.T. 0.02 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

Tgt Ion:	73	Resp:	108891
Ion Ratio	Lower	Upper	
73	100		
57	65.1	18.5	27.7#





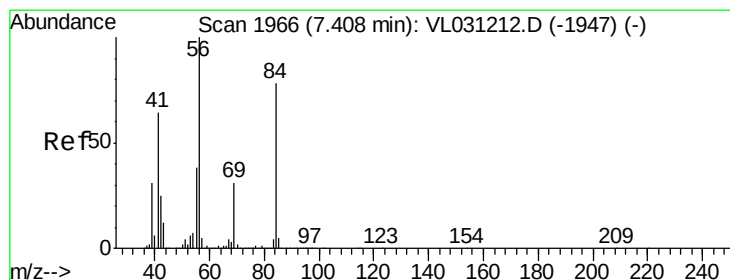
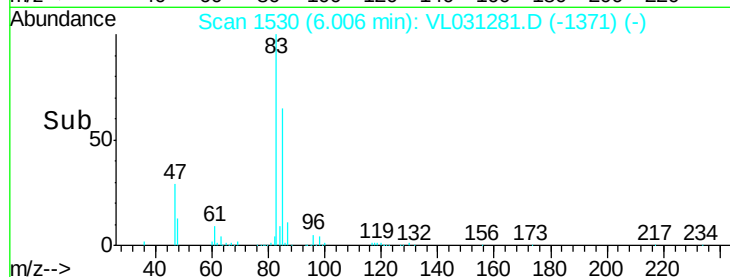
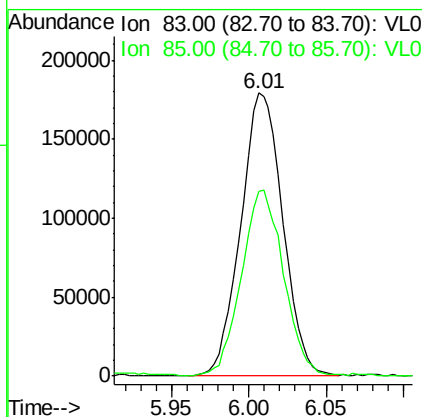
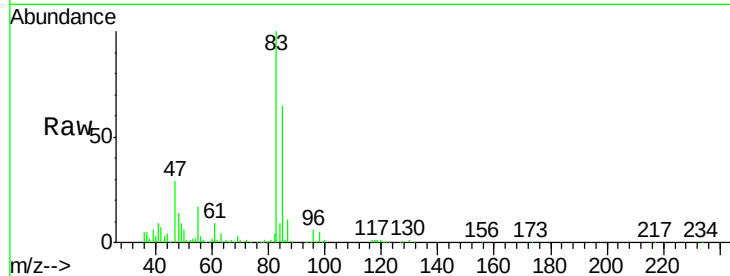
#29
Chloroform
Concen: 1.26 ppbv
RT: 6.01 min Scan# 1530
Delta R.T. 0.01 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Instrument :
MSVOA_L
ClientSampled :
EP1-SV-4

Tot Ion	83	Resp	339444
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.6

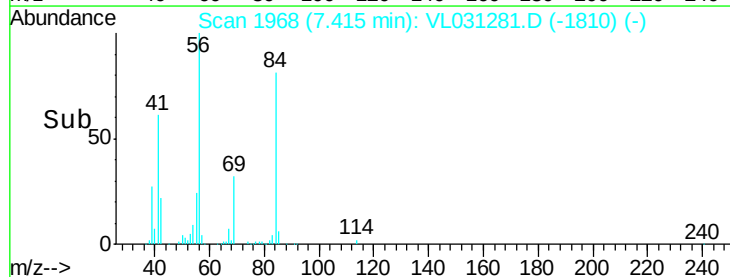
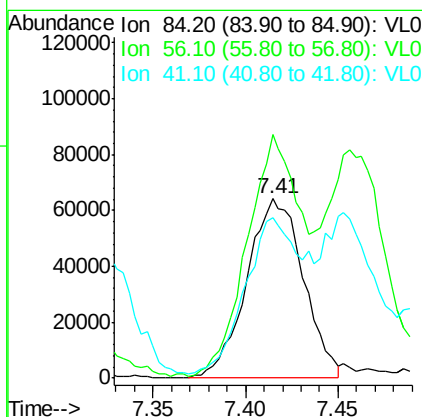
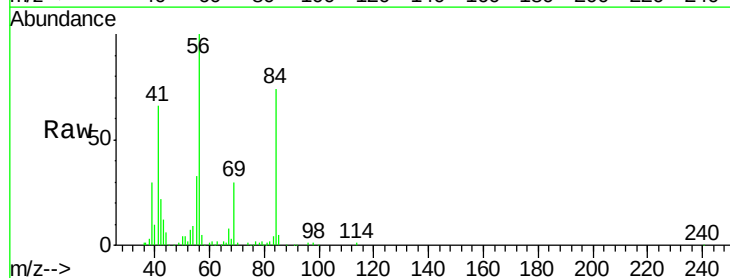
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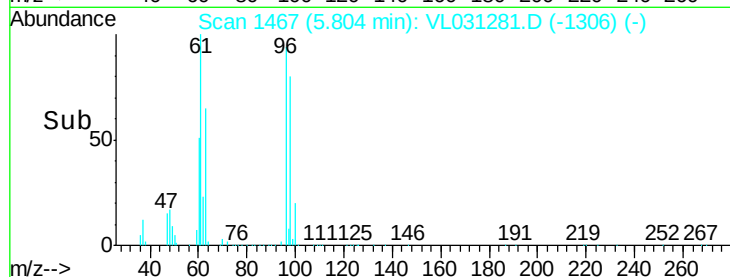
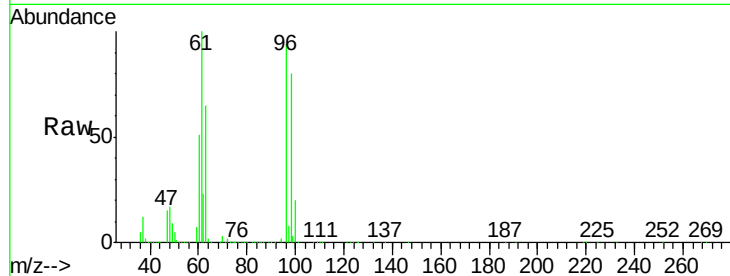
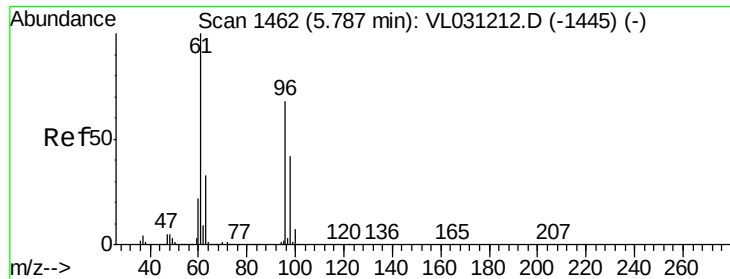
MMDadoda
12/22/2017 4:54:57 PM



#30
Cyclohexane
Concen: 0.77 ppbv
RT: 7.41 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Tgt Ion	84	Resp	134731
Ion Ratio	Lower	Upper	
84	100		
56	122.5	108.0	162.0
41	84.1	66.2	99.4





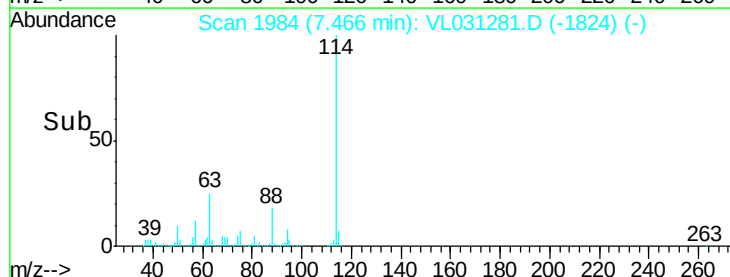
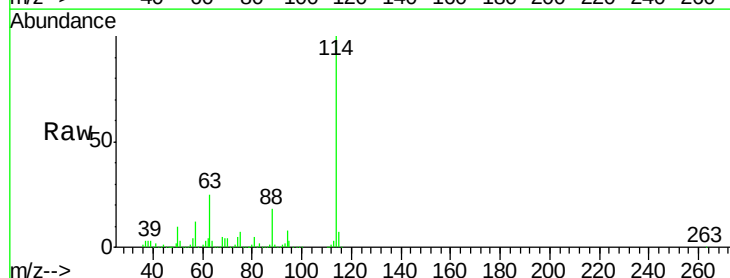
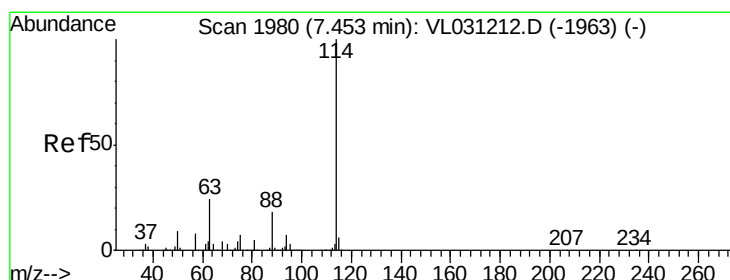
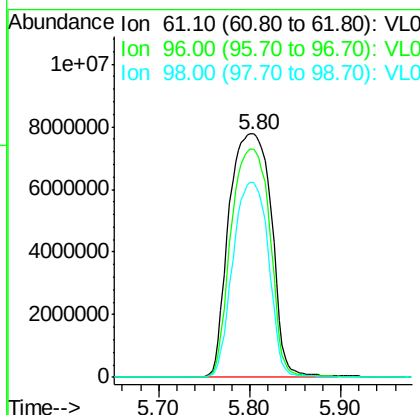
#31
 cis-1,2-Dichloroethene
 Concen: 139.08 ppbv
 RT: 5.80 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Tot Ion: 61 Resp: 25204628
 Ion Ratio Lower Upper
 61 100
 96 93.6 54.4 81.6#
 98 80.2 33.6 50.4#

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-4

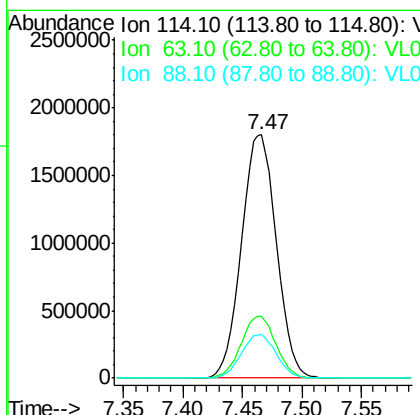
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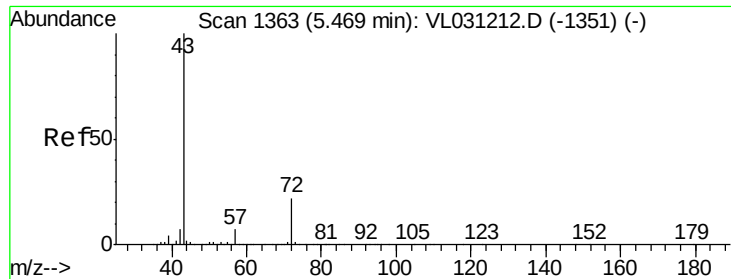
MMDadoda
 12/22/2017 4:54:57 PM



#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.47 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Tgt Ion: 114 Resp: 3655535
 Ion Ratio Lower Upper
 114 100
 63 25.5 19.8 29.8
 88 17.9 14.2 21.4





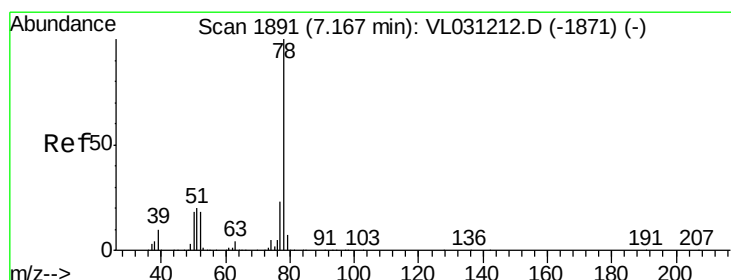
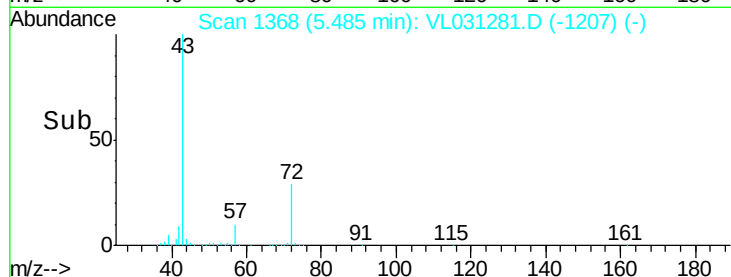
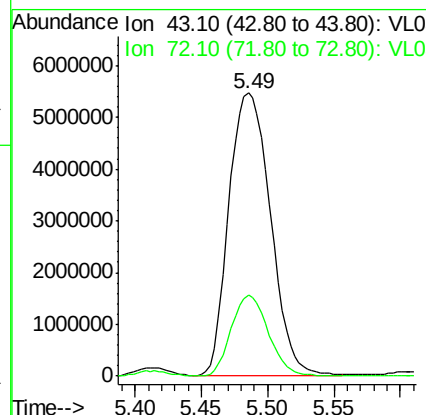
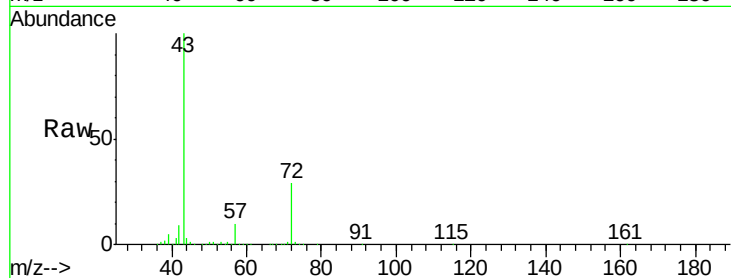
#34
2-Butanone
Concen: 46.18 ppbv
RT: 5.49 min Scan# 1368
Delta R.T. 0.02 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-4

Tot Ion: 43 Resp: 11922806
Ion Ratio Lower Upper
43 100
72 25.7 18.1 27.1

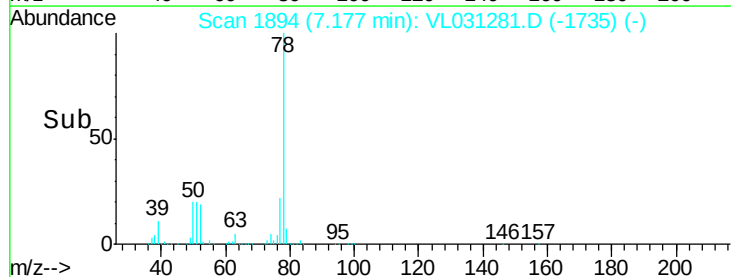
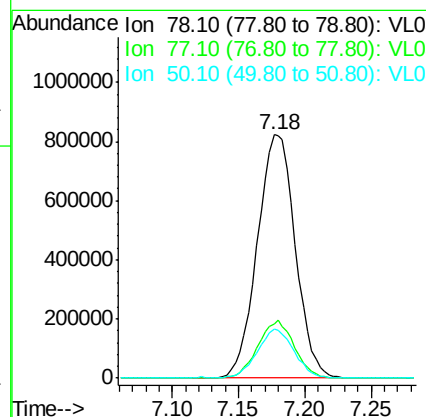
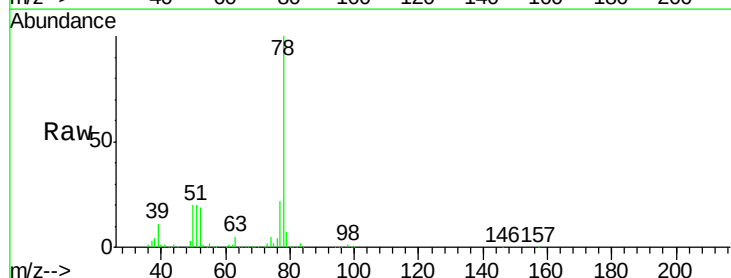
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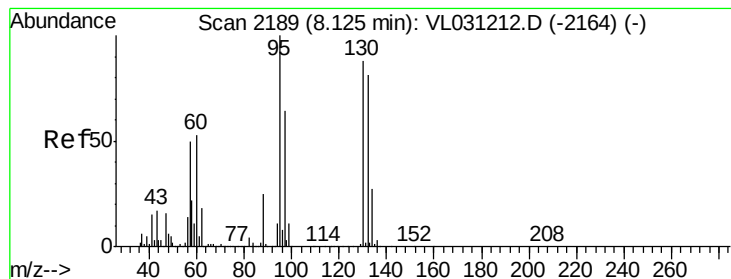
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#36
Benzene
Concen: 4.23 ppbv
RT: 7.18 min Scan# 1894
Delta R.T. 0.01 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Tgt Ion: 78 Resp: 1640258
Ion Ratio Lower Upper
78 100
77 22.2 18.1 27.1
50 20.2 14.6 21.8





#38

Trichloroethene

Concen: 116.61 ppbv

RT: 8.14 min Scan# 2195

Delta R.T. 0.02 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-4

Tot Ion:130 Resp:17622349

Ion Ratio Lower Upper

130 100

95 103.3 90.6 135.8

132 98.4 73.5 110.3

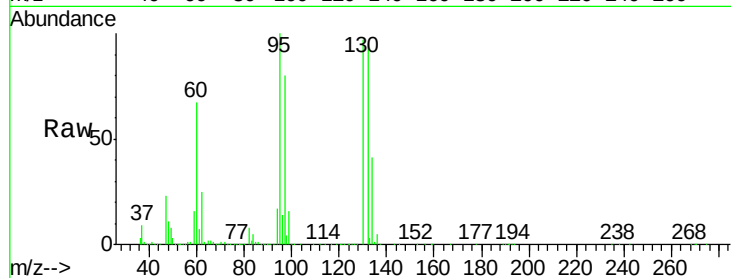
97 82.6 57.8 86.8

Manual Integrations

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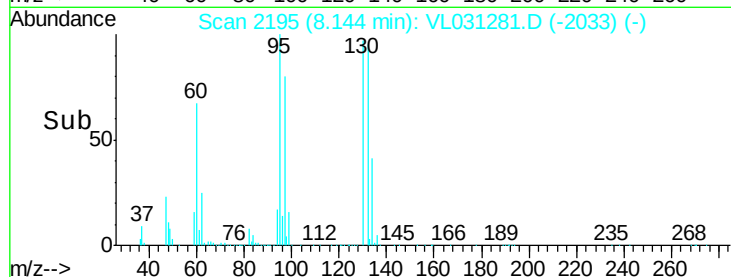
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

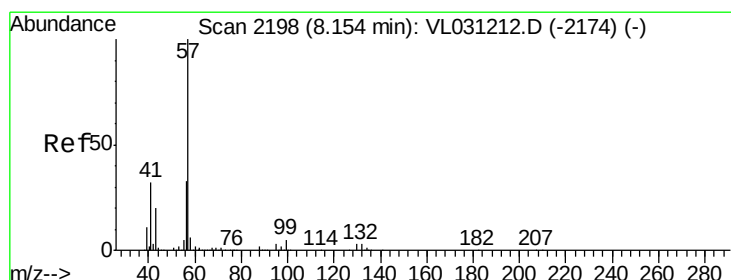
Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

8.14



Time-->



#44

2,2,4-Trimethylpentane

Concen: 2.75 ppbv

RT: 8.17 min Scan# 2204

Delta R.T. 0.02 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

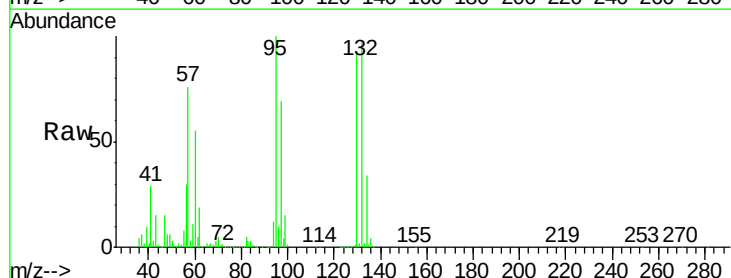
Tgt Ion: 57 Resp: 1609685

Ion Ratio Lower Upper

57 100

41 38.5 25.5 38.3#

56 38.3 25.0 37.6#

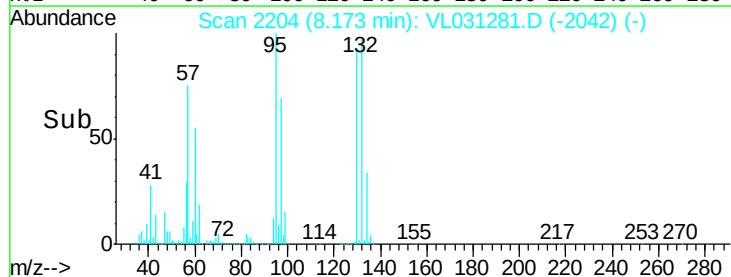


Abundance Ion 57.10 (56.80 to 57.80): VL0

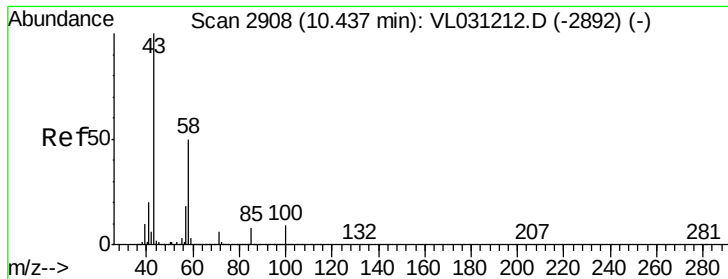
Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

8.17



Time-->



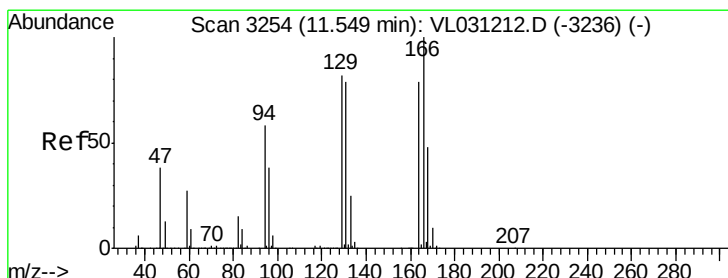
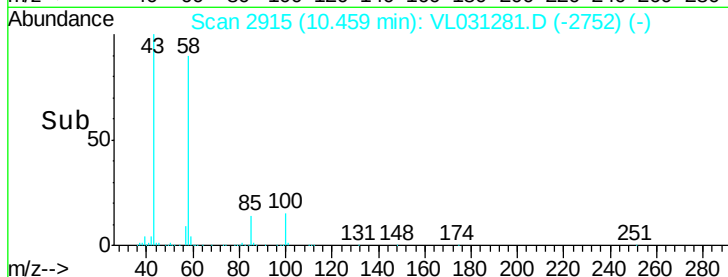
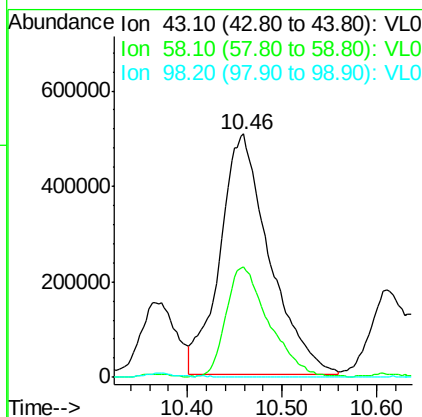
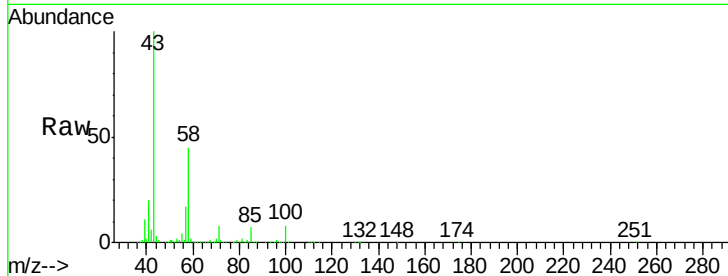
#51
2-Hexanone
Concen: 6.06 ppbv
RT: 10.46 min Scan# 2915
Delta R.T. 0.02 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-4

Tot Ion: 43 Resp: 1827246
Ion Ratio Lower Upper
43 100
58 39.8 39.8 59.6
98 0.2 0.0 0.0#

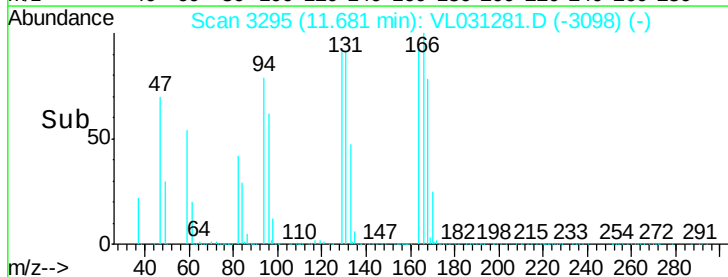
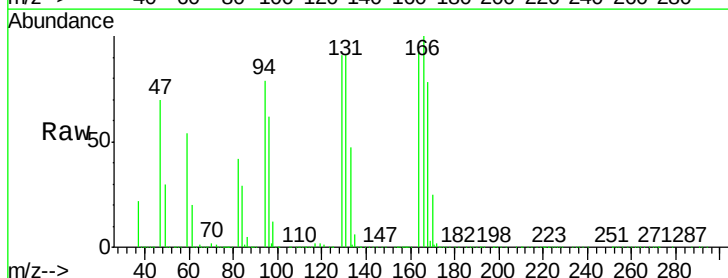
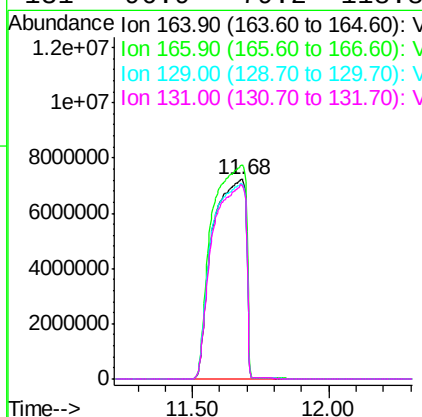
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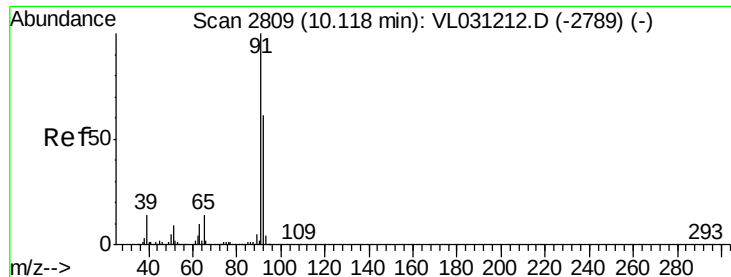
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#52
Tetrachloroethene
Concen: 428.11 ppbv m
RT: 11.68 min Scan# 3295
Delta R.T. 0.13 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Tgt Ion: 164 Resp: 61191362
Ion Ratio Lower Upper
164 100
166 107.1 100.6 151.0
129 97.6 82.9 124.3
131 96.9 79.2 118.8





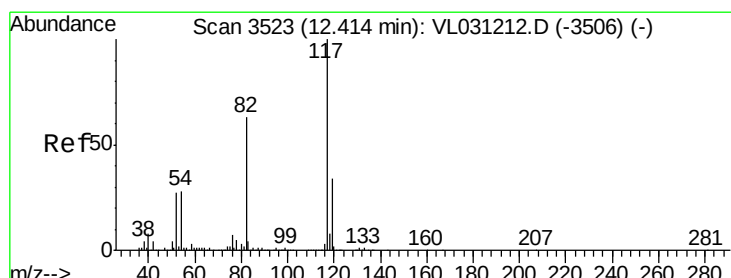
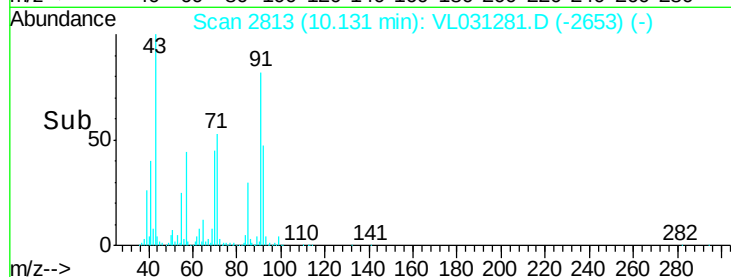
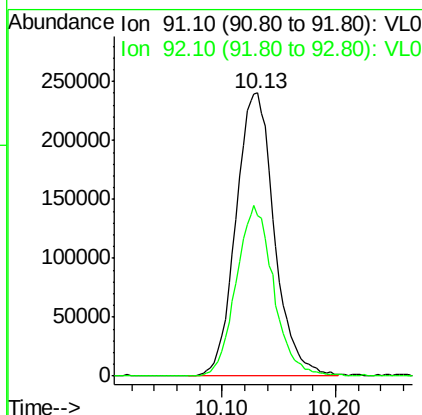
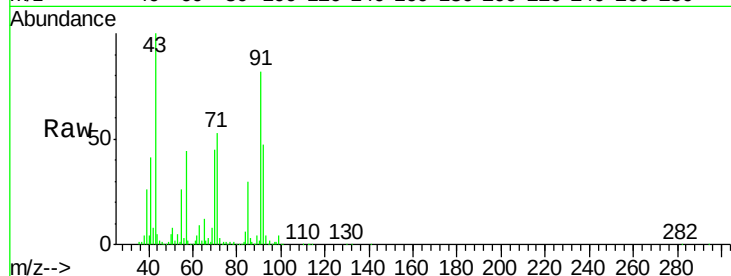
#53
Toluene
Concen: 1.34 ppbv
RT: 10.13 min Scan# 2813
Delta R.T. 0.01 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Instrument :
MSVOA_L
ClientSampled :
EP1-SV-4

Tot Ion: 91 Resp: 564181
Ion Ratio Lower Upper
91 100
92 59.1 49.1 73.7

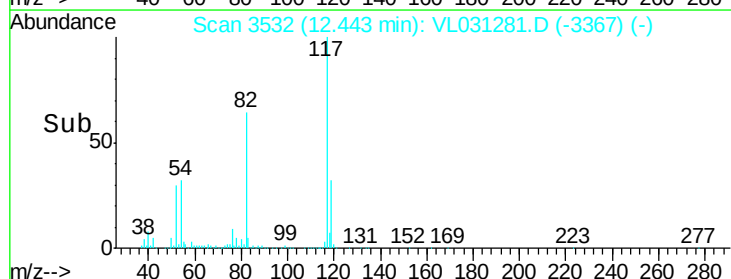
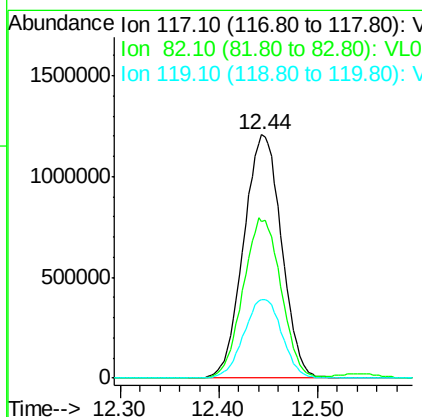
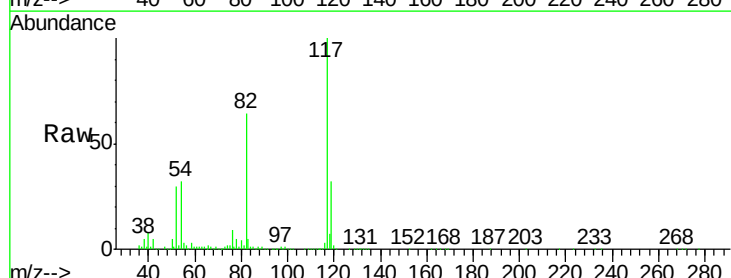
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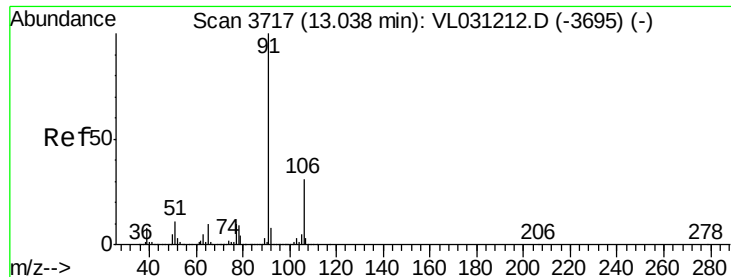
MMDadoda
12/22/2017 4:54:57 PM



#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.44 min Scan# 3532
Delta R.T. 0.03 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Tgt Ion: 117 Resp: 3196331
Ion Ratio Lower Upper
117 100
82 65.6 48.1 72.1
119 32.7 23.1 34.7





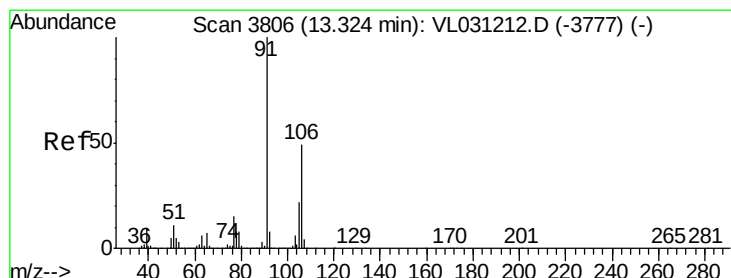
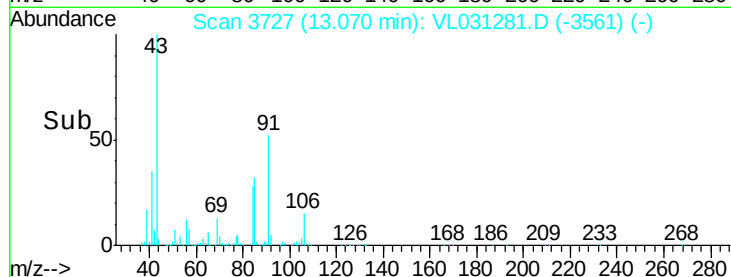
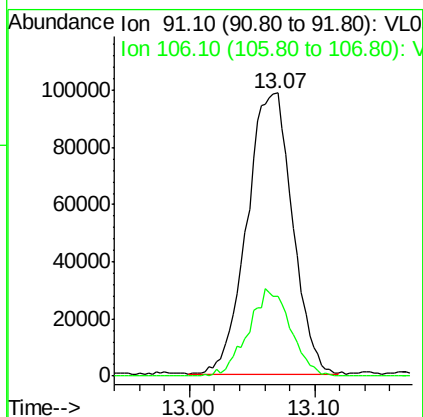
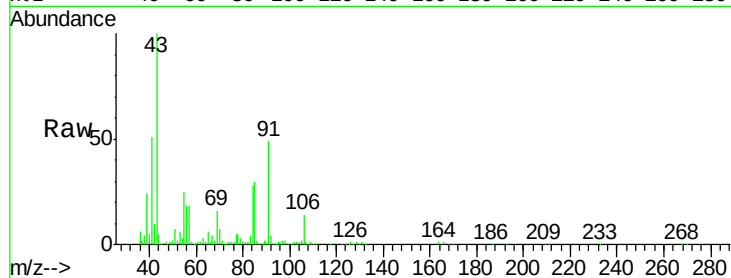
#58
Ethyl Benzene
Concen: 0.47 ppbv
RT: 13.07 min Scan# 3727
Delta R.T. 0.03 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Instrument :
MSVOA_L
ClientSampled :
EP1-SV-4

Tot Ion: 91 Resp: 248246
Ion Ratio Lower Upper
91 100
106 28.4 25.1 37.7

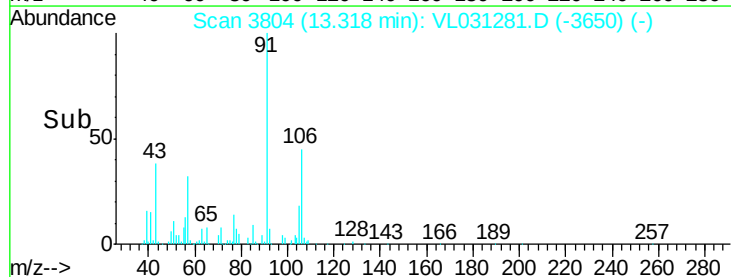
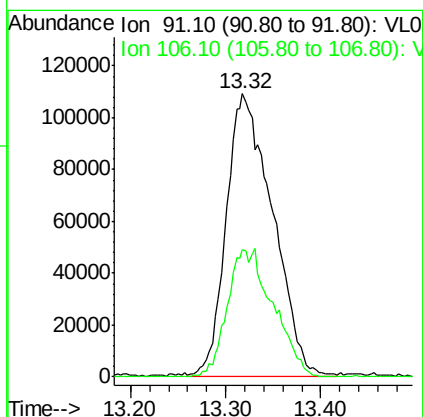
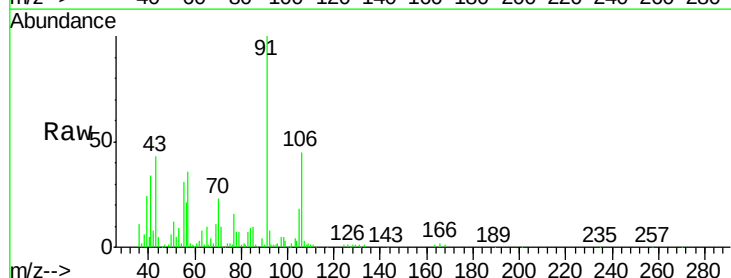
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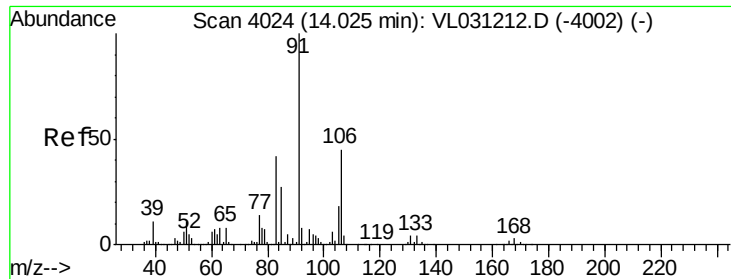
MMDadoda
12/22/2017 4:54:57 PM



#59
m/p-Xylene
Concen: 0.88 ppbv m
RT: 13.32 min Scan# 3804
Delta R.T. -0.01 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Tgt Ion: 91 Resp: 370679
Ion Ratio Lower Upper
91 100
106 44.5 38.5 57.7





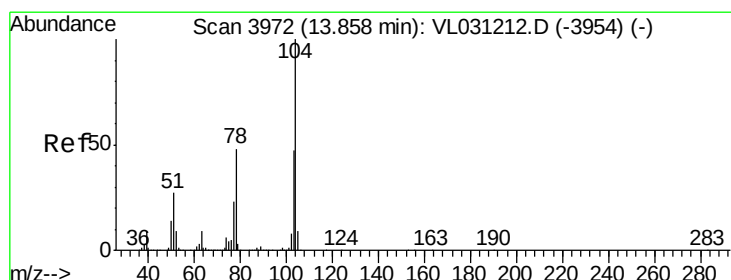
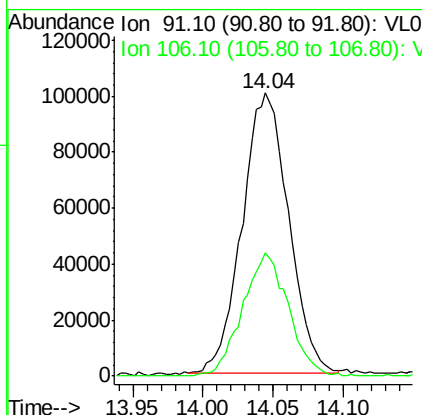
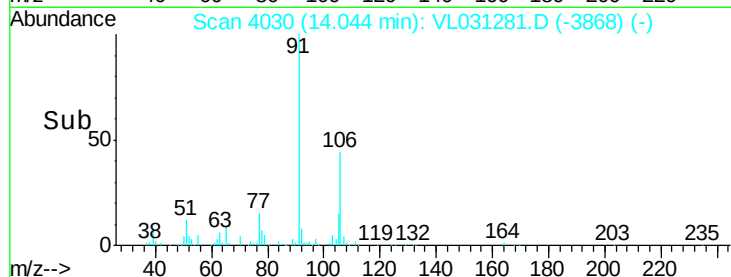
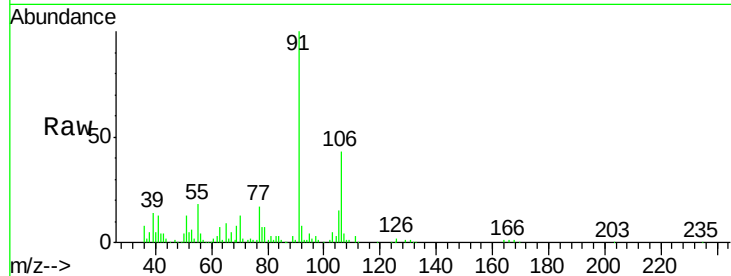
#60
o-Xylene
Concen: 0.54 ppbv
RT: 14.04 min Scan# 4030
Delta R.T. 0.02 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-4

Tot Ion: 91 Resp: 229128
Ion Ratio Lower Upper
91 100
106 43.8 22.7 68.1

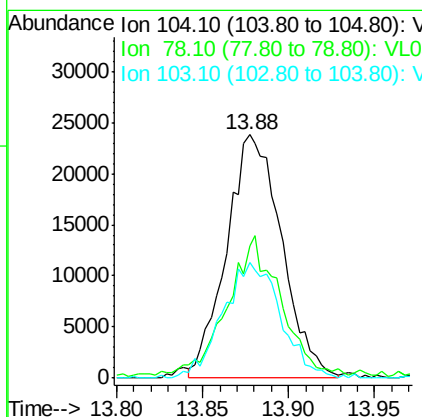
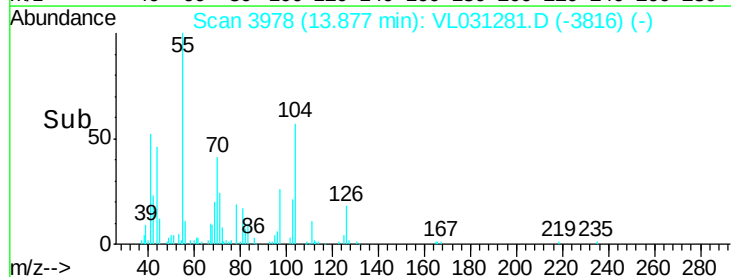
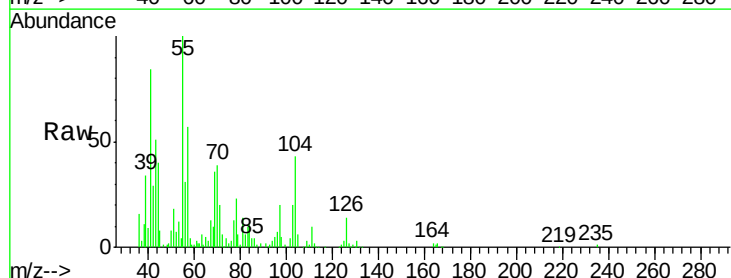
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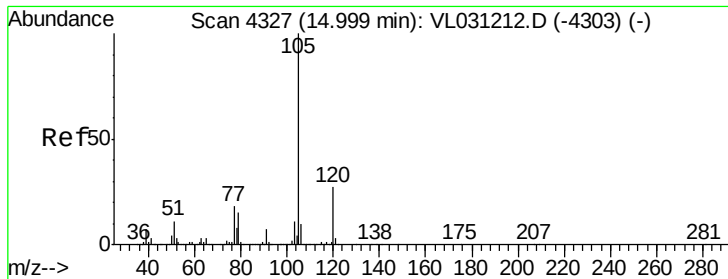
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#61
Styrene
Concen: 0.43 ppbv
RT: 13.88 min Scan# 3978
Delta R.T. 0.02 min
Lab File: VL031281.D
Acq: 20 Dec 2017 22:40

Tgt Ion: 104 Resp: 53018
Ion Ratio Lower Upper
104 100
78 56.1 39.1 58.7
103 50.1 37.3 55.9





#62

Isopropylbenzene

Concen: 0.17 ppbv

RT: 15.02 min Scan# 4332

Delta R.T. 0.02 min

Lab File: VL031281.D

Acq: 20 Dec 2017 22:40

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-4

Tot Ion:105 Resp: 92798

Ion Ratio Lower Upper

105 100

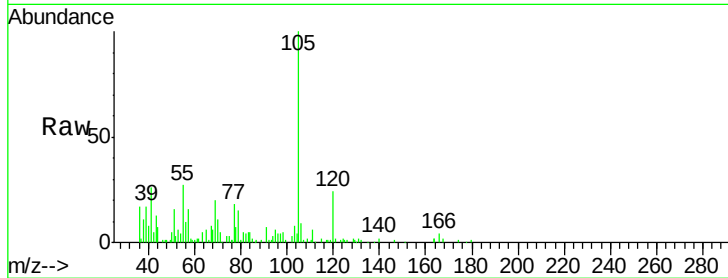
120 24.7 21.0 31.6

Manual Integrations

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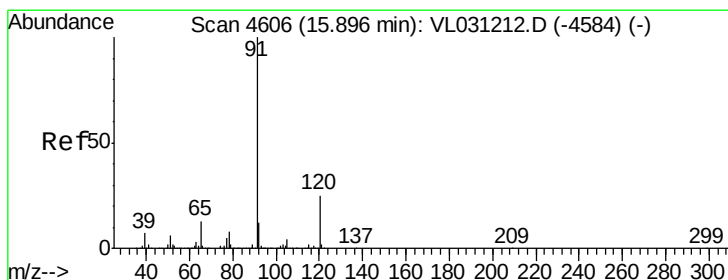
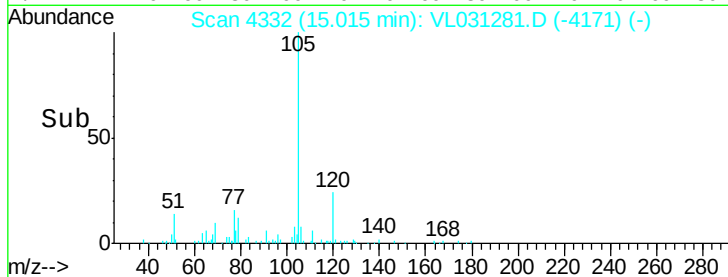
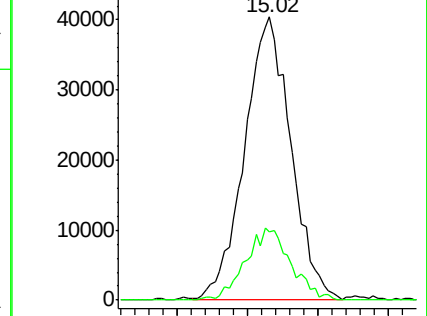
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.20 ppbv

RT: 15.91 min Scan# 4610

Delta R.T. 0.01 min

Lab File: VL031281.D

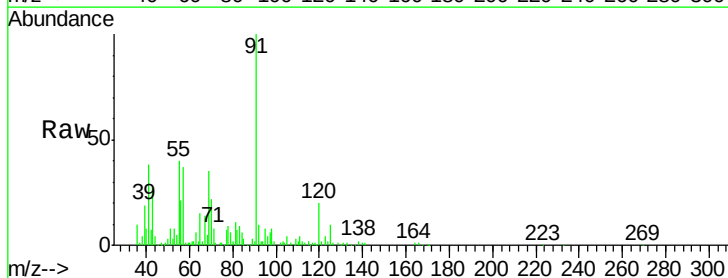
Acq: 20 Dec 2017 22:40

Tgt Ion:120 Resp: 29690

Ion Ratio Lower Upper

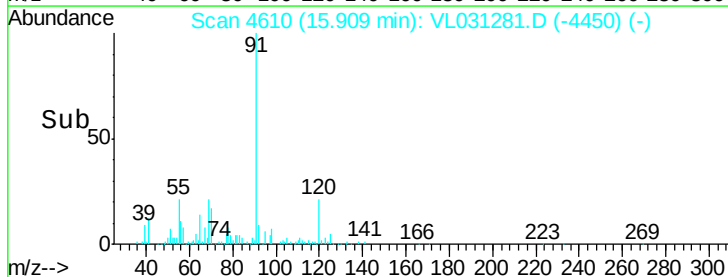
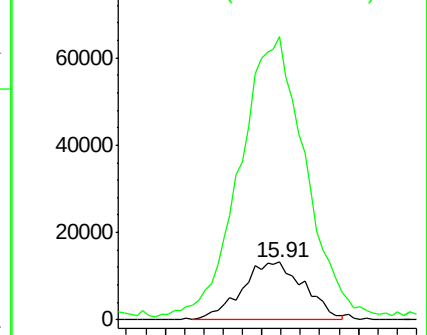
120 100

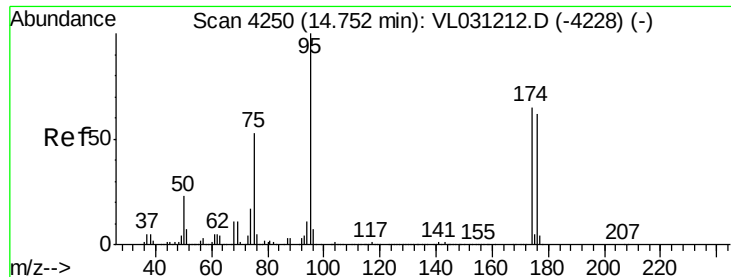
91 512.4 352.1 528.1



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





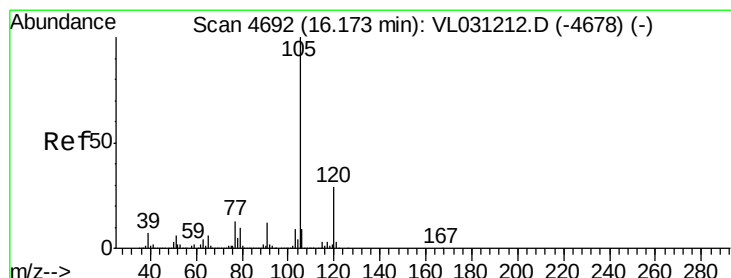
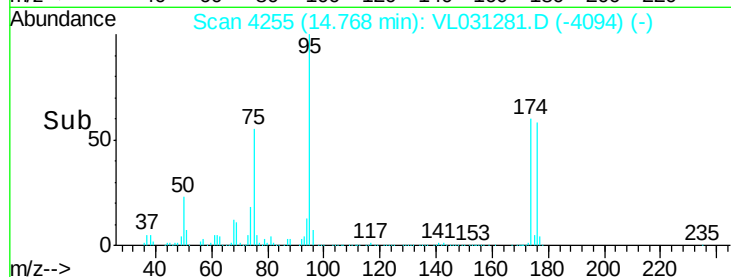
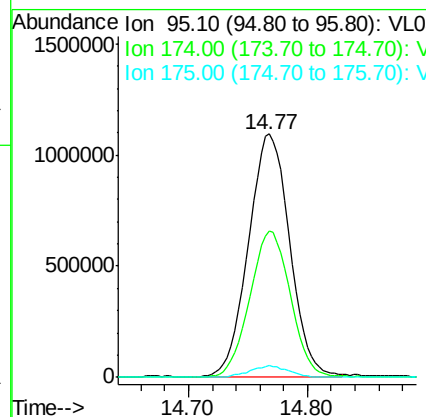
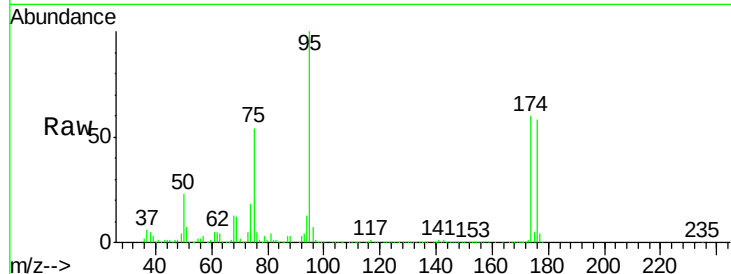
#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.54 ppbv
 RT: 14.77 min Scan# 4255
 Delta R.T. 0.02 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-4

Tot Ion	Ratio	Lower	Upper
95	100		
174	59.8	52.5	78.7
175	4.5	4.1	6.1

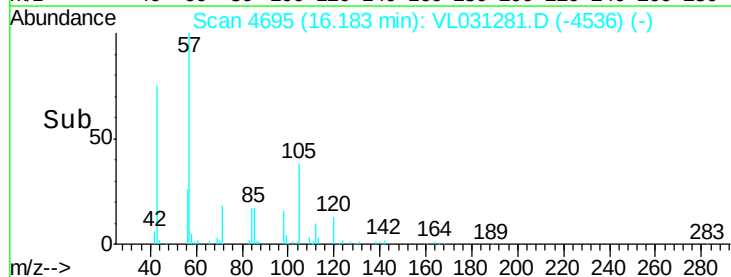
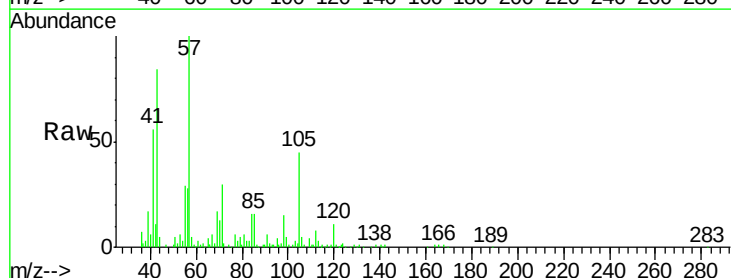
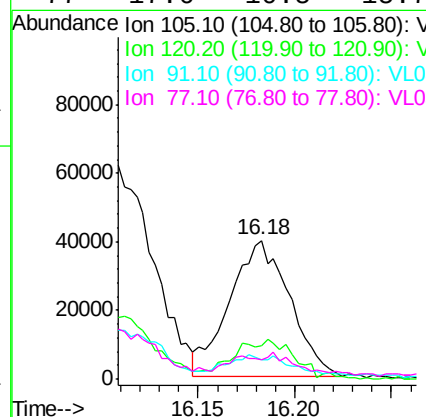
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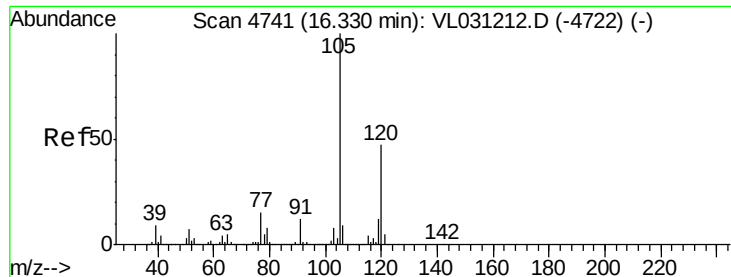
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#72
 4-Ethyltoluene
 Concen: 0.18 ppbv
 RT: 16.18 min Scan# 4695
 Delta R.T. 0.01 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.5	24.2	36.2
91	17.8	9.8	14.8#
77	17.6	10.5	15.7#





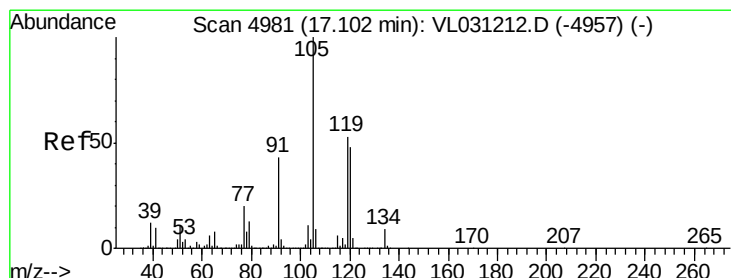
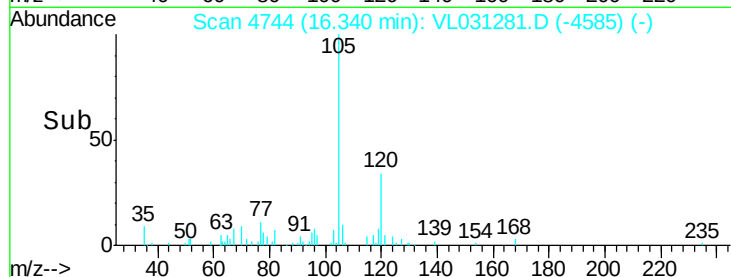
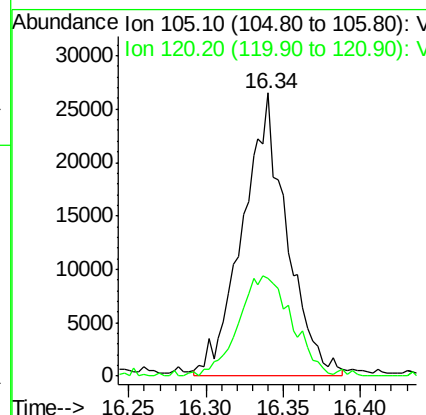
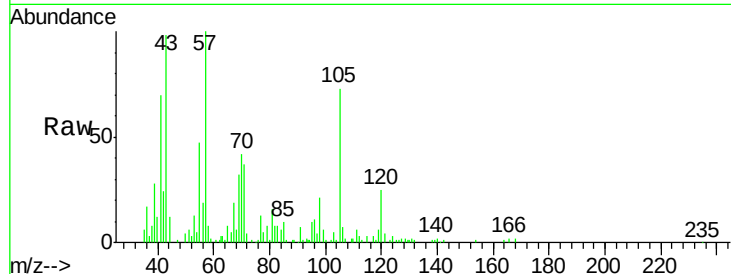
#73
 1,3,5-Trimethylbenzene
 Concen: 0.13 ppbv m
 RT: 16.34 min Scan# 4744
 Delta R.T. 0.01 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-4

Tot Ion	Ratio	Lower	Upper
105	100		
120	34.5	37.8	56.6#

Manual Integrations
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#74
 1,2,4-Trimethylbenzene
 Concen: 0.41 ppbv m
 RT: 17.11 min Scan# 4983
 Delta R.T. 0.01 min
 Lab File: VL031281.D
 Acq: 20 Dec 2017 22:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	39.8	38.6	58.0
91	14.7	34.2	51.4#
77	15.2	16.1	24.1#

